

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082919\
 Data File : VU034019.D
 Acq On : 28 Aug 2019 13:13
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 29 03:22:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 03:17:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	469236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	738954	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	744174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	394905	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.28	65	577275	105.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	211.82%	
35) Dibromofluoromethane	4.86	113	489613	97.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.34%	
50) Toluene-d8	7.55	98	1941787	103.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.24%	
62) 4-Bromofluorobenzene	10.29	95	761960	105.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.26%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	481522	99.398	ug/l	100
3) Chloromethane	1.32	50	604732	98.671	ug/l	100
4) Vinyl Chloride	1.40	62	612758	119.738	ug/l	100
5) Bromomethane	1.60	94	275018	92.010	ug/l	97
6) Chloroethane	1.66	64	349416	114.785	ug/l	100
7) Trichlorofluoromethane	1.86	101	700408	107.679	ug/l	99
8) Diethyl Ether	2.09	74	303476	120.078	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.26	101	433263	105.317	ug/l	99
10) Methyl Iodide	2.39	142	664444	107.439	ug/l	99
11) Tert butyl alcohol	2.84	59	714550	513.234	ug/l	100
12) 1,1-Dichloroethene	2.26	96	447432	104.064	ug/l	99
13) Acrolein	2.18	56	255398	543.097	ug/l	99
14) Allyl chloride	2.57	41	866504	112.407	ug/l	98
15) Acrylonitrile	2.92	53	1616689	563.978	ug/l	100
16) Acetone	2.31	43	1415879	536.535	ug/l	100
17) Carbon Disulfide	2.45	76	1409835	100.163	ug/l	99
18) Methyl Acetate	2.60	43	719629	111.054	ug/l	99
19) Methyl tert-butyl Ether	2.98	73	1538679	106.774	ug/l	99
20) Methylene Chloride	2.68	84	538190	98.302	ug/l	98
21) trans-1,2-Dichloroethene	2.96	96	486833	100.147	ug/l	100
22) Diisopropyl ether	3.55	45	1587581	111.915	ug/l	95
23) Vinyl Acetate	3.50	43	7119709	588.979	ug/l	100
24) 1,1-Dichloroethane	3.42	63	926465	105.761	ug/l	100
25) 2-Butanone	4.23	43	2209299	583.289	ug/l	99
26) 2,2-Dichloropropane	4.19	77	750990	101.948	ug/l	99
27) cis-1,2-Dichloroethene	4.20	96	560912	102.893	ug/l	99
28) Bromochloromethane	4.52	49	455747	112.005	ug/l	100
29) Tetrahydrofuran	4.61	42	1352488	573.165	ug/l	99
30) Chloroform	4.65	83	880142	98.803	ug/l	98
31) Cyclohexane	4.97	56	831432	102.582	ug/l	99
32) 1,1,1-Trichloroethane	4.89	97	754442	101.163	ug/l	100
36) 1,1-Dichloropropene	5.11	75	682535	98.600	ug/l	99
37) Ethyl Acetate	4.35	43	776303	109.990	ug/l	99
38) Carbon Tetrachloride	5.11	117	656034	94.007	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.39	83	850981	104.024	ug/l	99
40) Benzene	5.36	78	2058341	99.894	ug/l	100
41) Methacrylonitrile	4.52	41	427861	116.399	ug/l	99
42) 1,2-Dichloroethane	5.38	62	698554	99.890	ug/l	99
43) Isopropyl Acetate	5.53	43	1254798	115.623	ug/l	100
44) Trichloroethene	6.16	130	545699	94.386	ug/l	97
45) 1,2-Dichloropropane	6.41	63	576231	103.723	ug/l	99
46) Dibromomethane	6.54	93	371655	99.562	ug/l	99
47) Bromodichloromethane	6.74	83	726974	101.900	ug/l	99
48) Methyl methacrylate	6.60	41	629953	120.878	ug/l	99
49) 1,4-Dioxane	6.59	88	310868	2256.333	ug/l	98
51) 4-Methyl-2-Pentanone	7.44	43	4347543	578.623	ug/l	99
52) Toluene	7.62	92	1326820	102.265	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	871935	109.697	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	926266	108.264	ug/l	99
55) 1,1,2-Trichloroethane	8.05	97	558526	101.388	ug/l	100
56) Ethyl methacrylate	8.00	69	930613	118.558	ug/l	99
57) 1,3-Dichloropropane	8.22	76	957265	106.838	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.11	63	1172146	405.958	ug/l	99
59) 2-Hexanone	8.35	43	3342976	579.365	ug/l	100
60) Dibromochloromethane	8.46	129	627472	102.460	ug/l	99
61) 1,2-Dibromoethane	8.57	107	593877	102.739	ug/l	100
64) Tetrachloroethene	8.21	164	476788	81.053	ug/l	99
65) Chlorobenzene	9.10	112	1506039	96.854	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.19	131	554656	96.530	ug/l	100
67) Ethyl Benzene	9.23	91	2646777	101.554	ug/l	100
68) m/p-Xylenes	9.36	106	2016703	201.239	ug/l	100
69) o-Xylene	9.76	106	987715	102.836	ug/l	99
70) Styrene	9.77	104	1737580	105.659	ug/l	100
71) Bromoform	9.94	173	499697	98.245	ug/l #	99
73) Isopropylbenzene	10.15	105	2677907	102.729	ug/l	100
74) N-amyl acetate	10.00	43	1199676	119.733	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	943218	99.542	ug/l	100
76) 1,2,3-Trichloropropane	10.48	75	1087317	133.892	ug/l	85
77) Bromobenzene	10.43	156	692324	94.862	ug/l	100
78) n-propylbenzene	10.57	91	3135548	105.642	ug/l	99
79) 2-Chlorotoluene	10.64	91	1819072	101.477	ug/l	100
80) 1,3,5-Trimethylbenzene	10.76	105	2303997	103.316	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.48	75	1087317	398.086	ug/l #	100
82) 4-Chlorotoluene	10.76	91	2122789	102.574	ug/l	99
83) tert-Butylbenzene	11.08	119	2257807	103.930	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	2323004	105.851	ug/l	99
85) sec-Butylbenzene	11.31	105	2725441	105.218	ug/l	100
86) p-Isopropyltoluene	11.46	119	2500794	103.722	ug/l	100
87) 1,3-Dichlorobenzene	11.40	146	1239437	95.826	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	1230028	94.311	ug/l	100
89) n-Butylbenzene	11.87	91	2292687	112.574	ug/l	99
90) Hexachloroethane	12.13	117	418334	104.524	ug/l	99
91) 1,2-Dichlorobenzene	11.86	146	1207292	95.034	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.64	75	208398	110.928	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Aug 29 03:17:02 2019
Response via : Initial Calibration

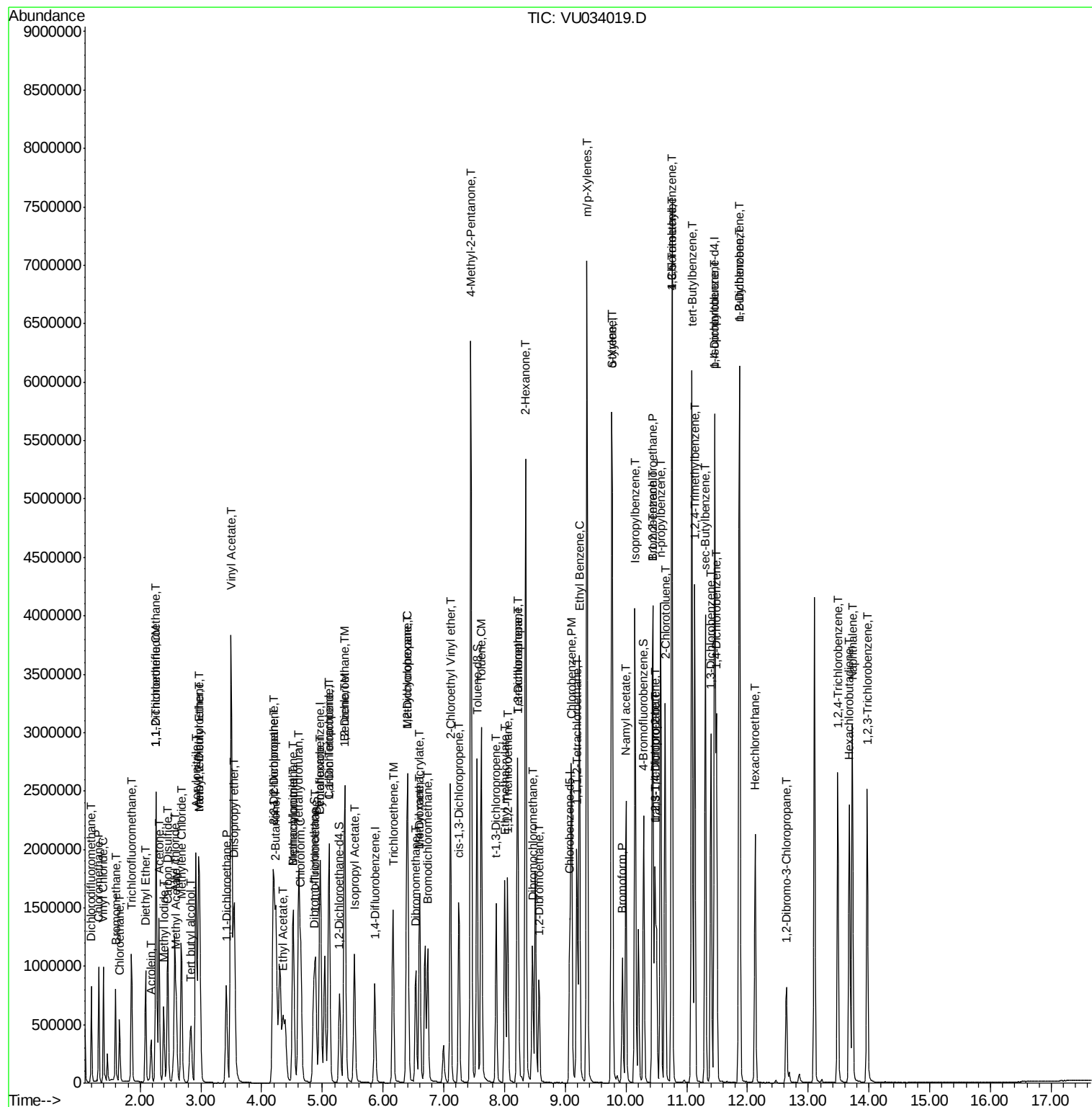
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	853721	109.756	ug/l	99
94) Hexachlorobutadiene	13.67	225	472266	91.599	ug/l	99
95) Naphthalene	13.73	128	2463396	119.458	ug/l	100
96) 1,2,3-Trichlorobenzene	13.97	180	833210	103.700	ug/l	99

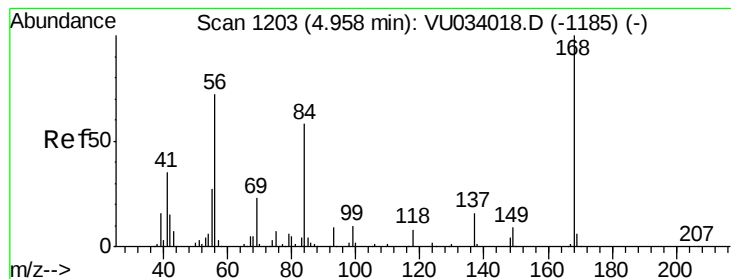
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU082919\
Data File : VU034019.D
Acq On : 28 Aug 2019 13:13
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

Quant Time: Aug 29 03:22:08 2019
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1203

Delta R.T. 0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

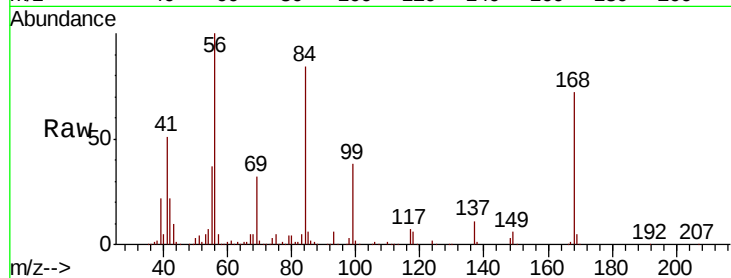
VSTDIC100

Tgt Ion:168 Resp: 469236

Ion Ratio Lower Upper

168 100

99 52.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034018.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034019.D (-1110) (-)

4.96

250000

200000

150000

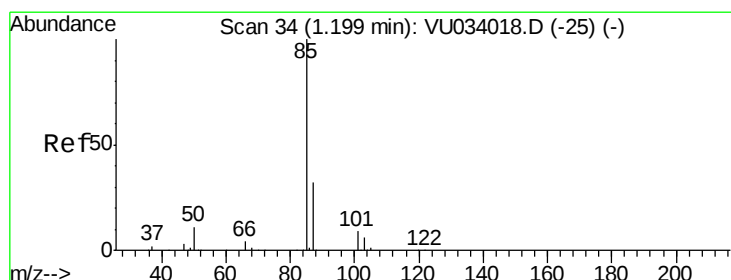
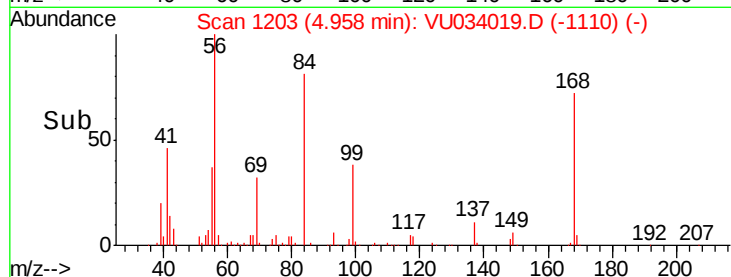
100000

50000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 99.398 ug/l

RT: 1.20 min Scan# 33

Delta R.T. -0.00 min

Lab File: VU034019.D

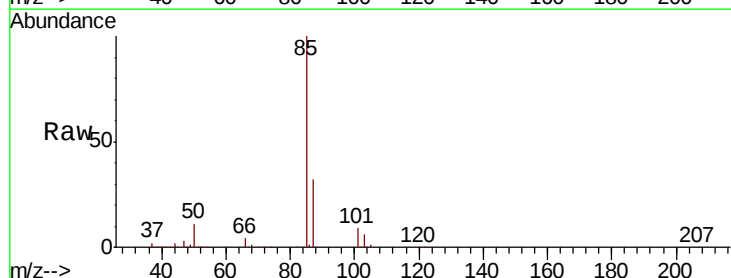
Acq: 28 Aug 2019 13:13

Tgt Ion: 85 Resp: 481522

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VU034018.D (-25) (-)

Ion 86.90 (86.60 to 87.60): VU034019.D (-1) (-)

1.20

500000

400000

300000

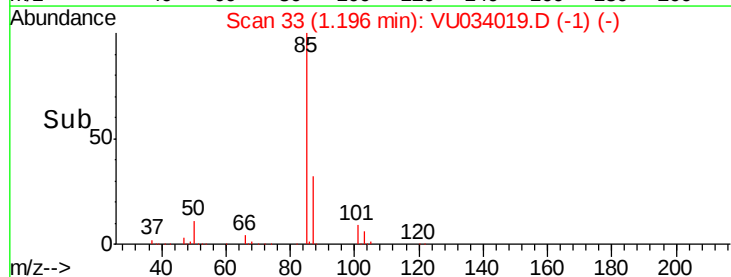
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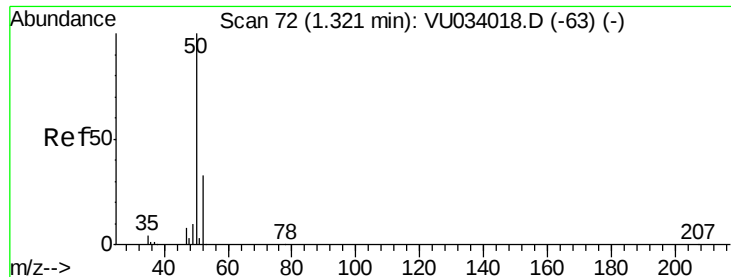
100000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 98.671 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

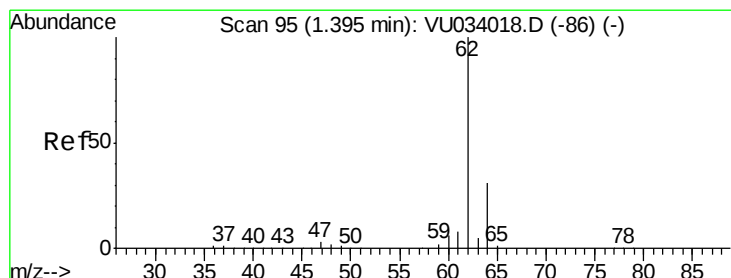
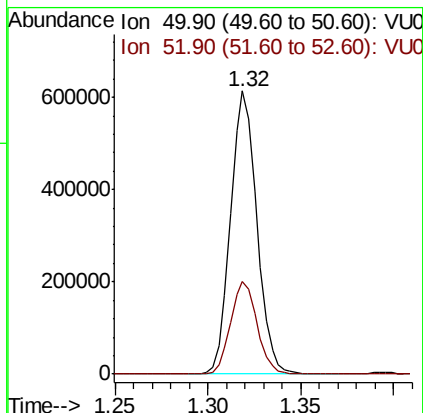
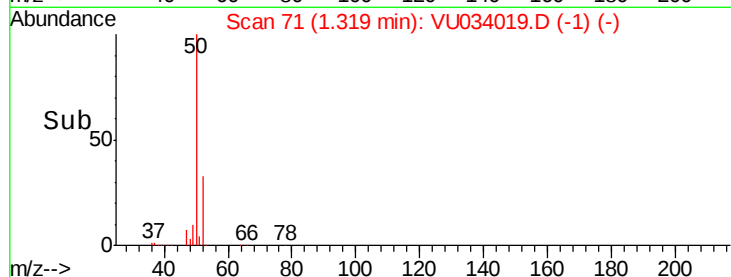
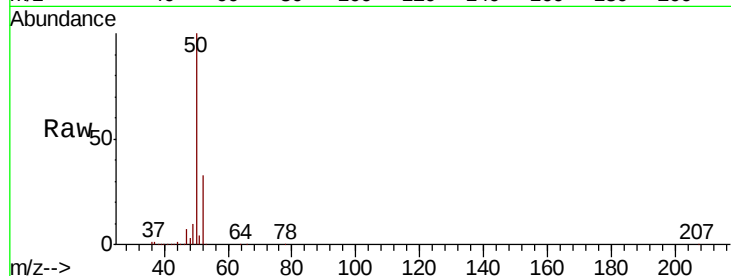
VSTDIC100

Tgt Ion: 50 Resp: 604732

Ion Ratio Lower Upper

50 100

52 32.9 26.2 39.4



#4

Vinyl Chloride

Concen: 119.738 ug/l

RT: 1.40 min Scan# 95

Delta R.T. 0.00 min

Lab File: VU034019.D

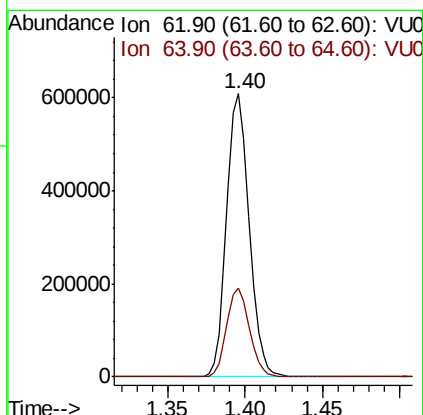
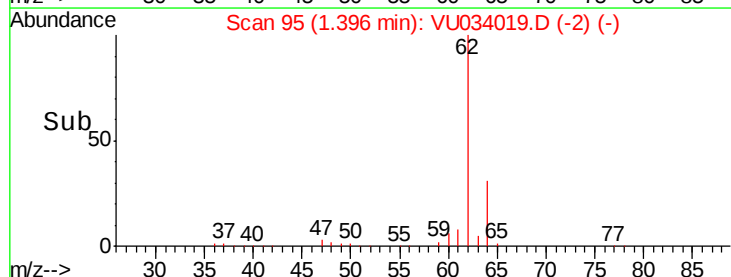
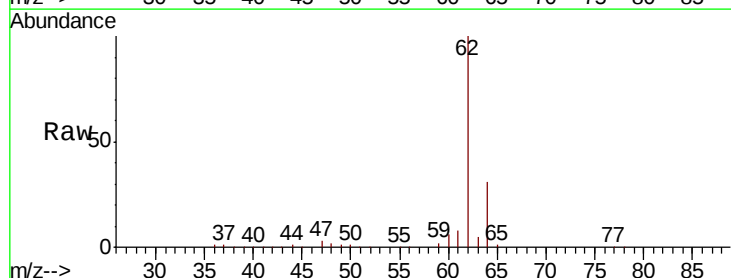
Acq: 28 Aug 2019 13:13

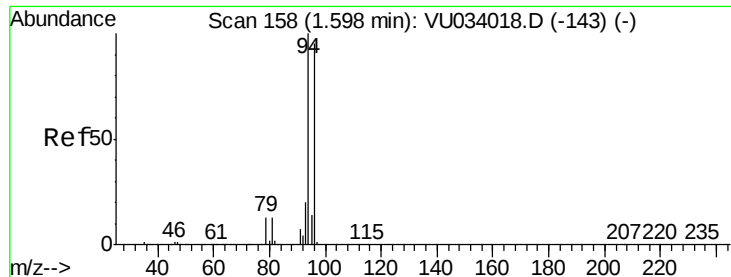
Tgt Ion: 62 Resp: 612758

Ion Ratio Lower Upper

62 100

64 31.4 25.0 37.6





#5

Bromomethane

Concen: 92.010 ug/l

RT: 1.60 min Scan# 157

Delta R.T. -0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

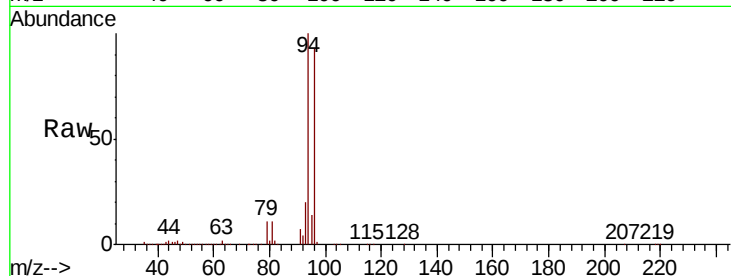
VSTDIC100

Tgt Ion: 94 Resp: 275018

Ion Ratio Lower Upper

94 100

96 92.8 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VU034019.D (-157) (-)

Ion 95.90 (95.60 to 96.60): VU034019.D (-157) (-)

1.60

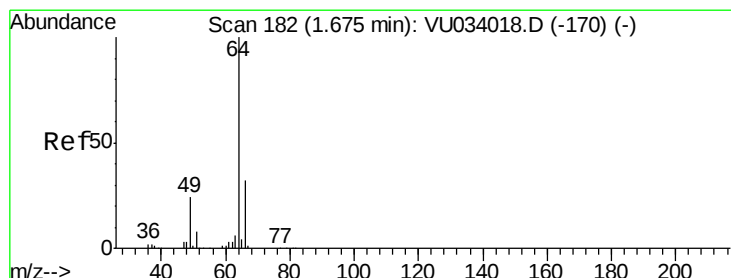
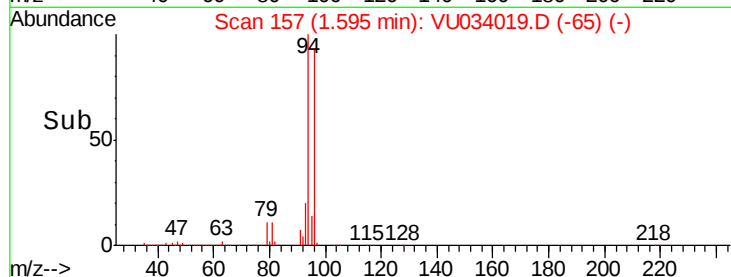
300000

200000

100000

0

Time-->



#6

Chloroethane

Concen: 114.785 ug/l

RT: 1.66 min Scan# 177

Delta R.T. -0.02 min

Lab File: VU034019.D

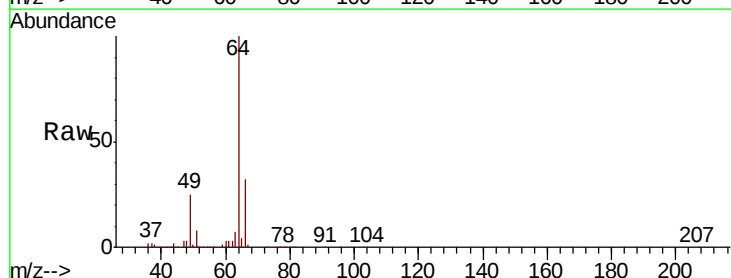
Acq: 28 Aug 2019 13:13

Tgt Ion: 64 Resp: 349416

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU034019.D (-177) (-)

Ion 65.90 (65.60 to 66.60): VU034019.D (-177) (-)

1.66

300000

250000

200000

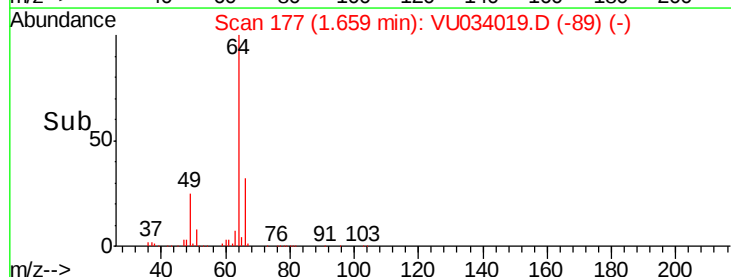
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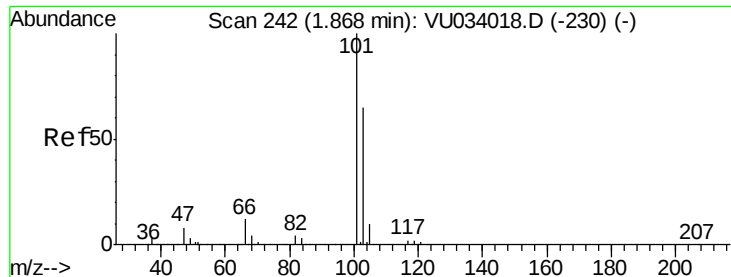
100000

50000

0

Time-->



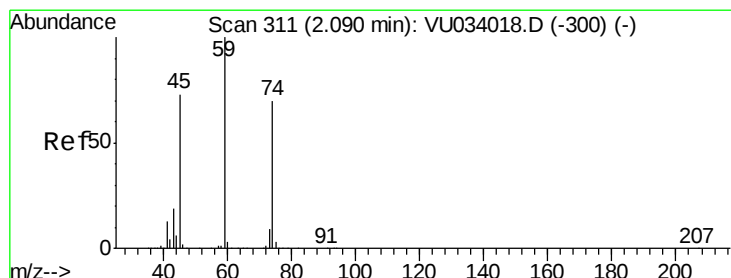
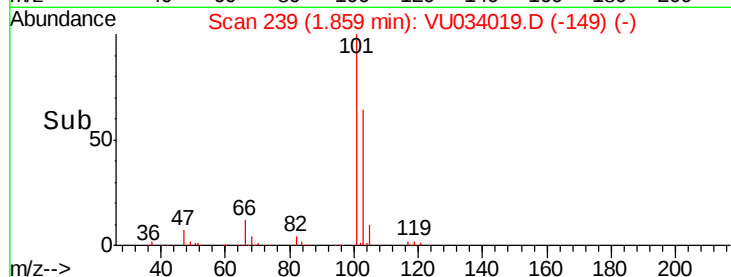
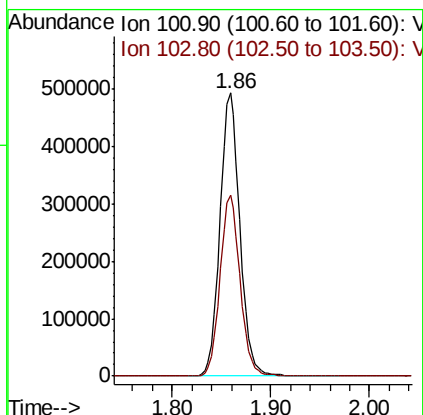
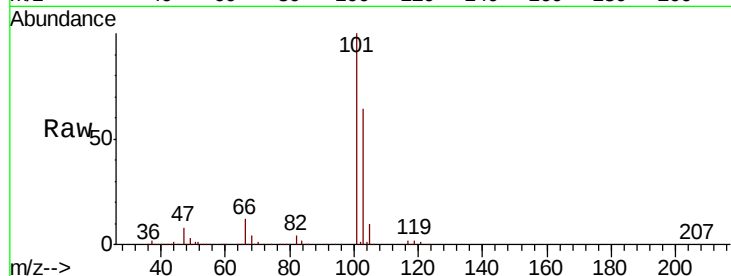


#7

Trichlorofluoromethane
 Concen: 107.679 ug/l
 RT: 1.86 min Scan# 239
 Delta R.T. -0.01 min
 Lab File: VU034019.D
 Acq: 28 Aug 2019 13:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

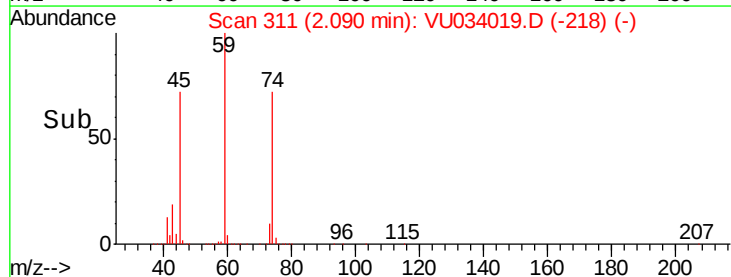
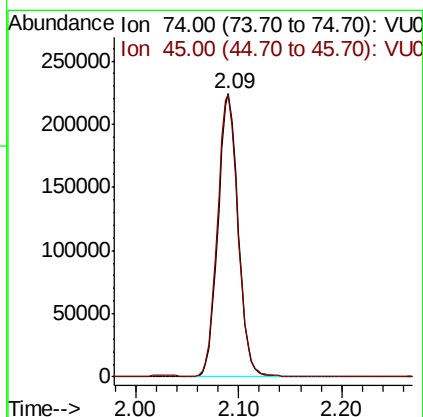
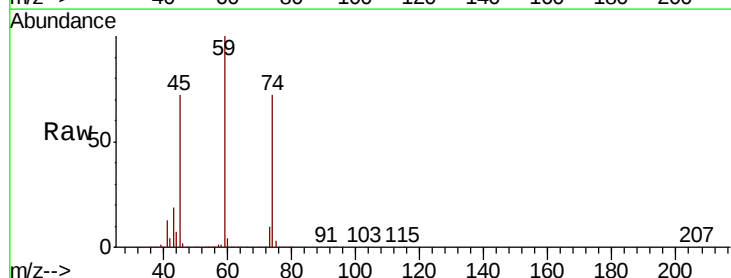
Tgt Ion:101 Resp: 700408
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.1 78.1

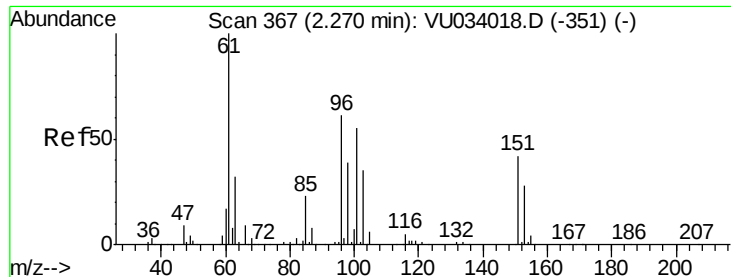


#8

Diethyl Ether
 Concen: 120.078 ug/l
 RT: 2.09 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: VU034019.D
 Acq: 28 Aug 2019 13:13

Tgt Ion: 74 Resp: 303476
 Ion Ratio Lower Upper
 74 100
 45 100.6 51.8 155.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 105.317 ug/l

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

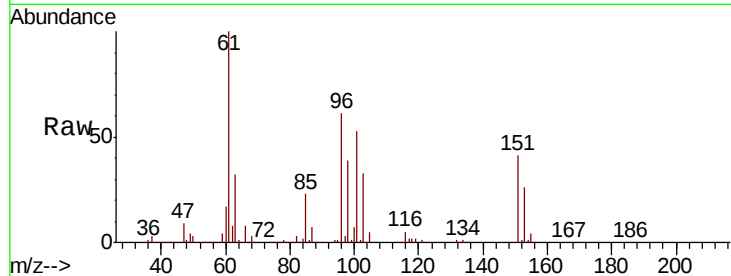
Tgt Ion:101 Resp: 433263

Ion Ratio Lower Upper

101 100

85 42.9 34.2 51.2

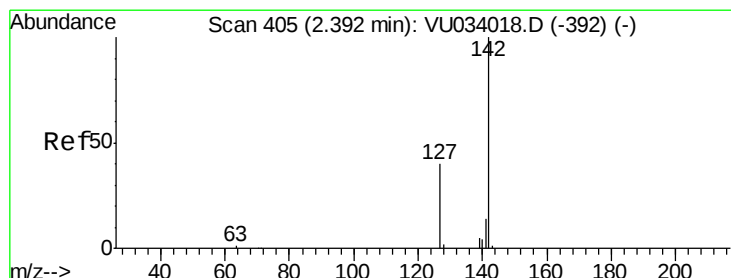
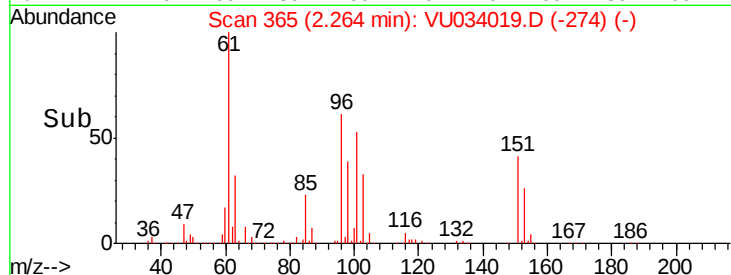
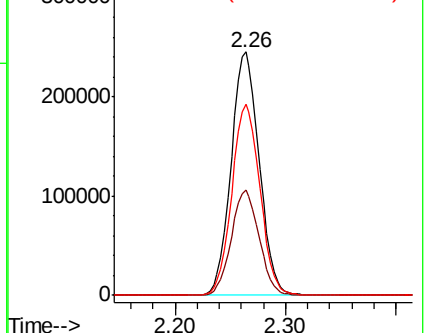
151 78.6 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 107.439 ug/l

RT: 2.39 min Scan# 404

Delta R.T. -0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

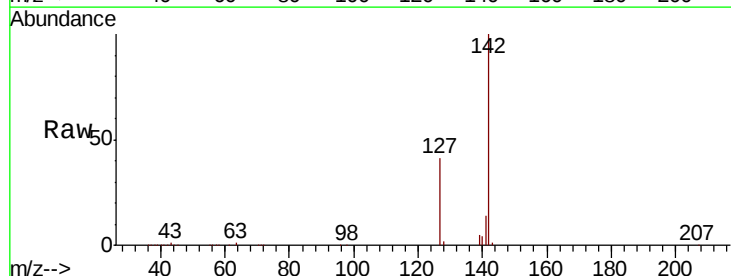
Tgt Ion:142 Resp: 664444

Ion Ratio Lower Upper

142 100

127 41.2 32.6 48.8

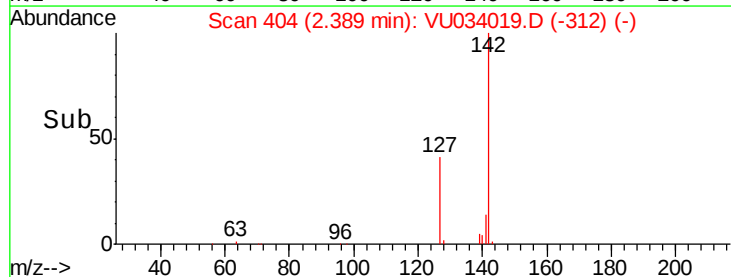
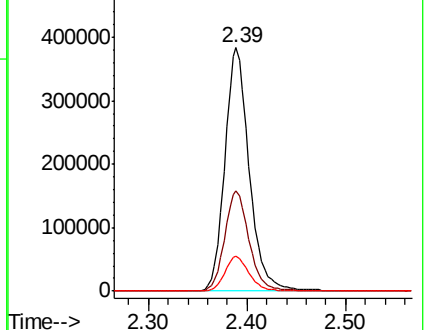
141 14.2 11.3 16.9

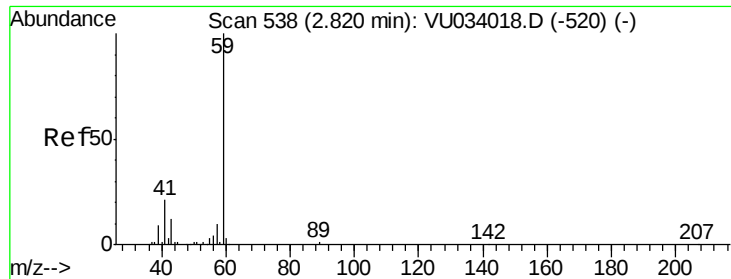


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

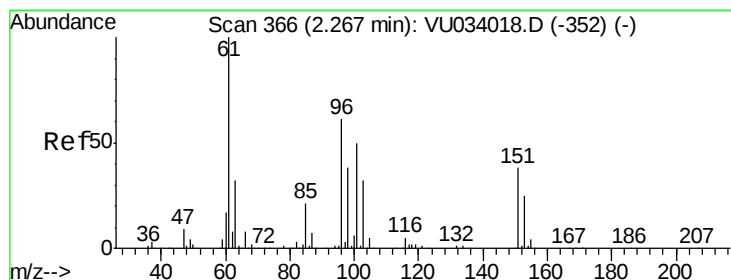
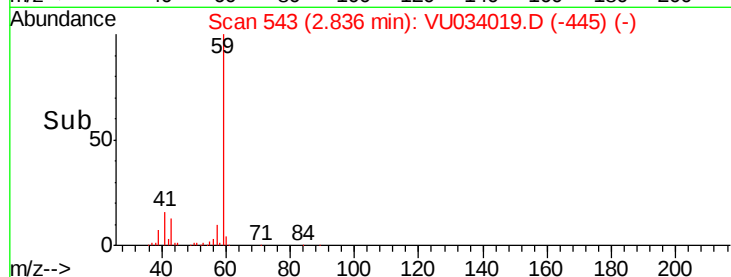
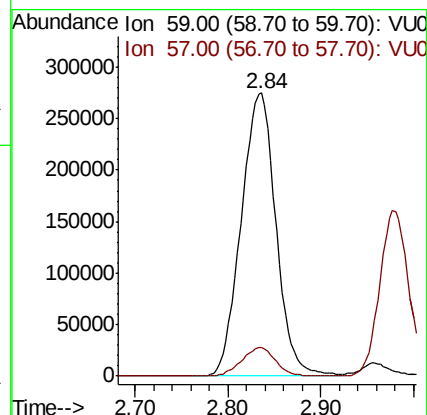
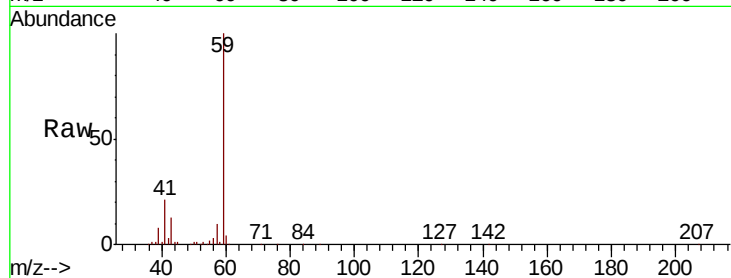




#11
Tert butyl alcohol
Concen: 513.234 ug/l
RT: 2.84 min Scan# 543
Delta R.T. 0.02 min
Lab File: VU034019.D
Acq: 28 Aug 2019 13:13

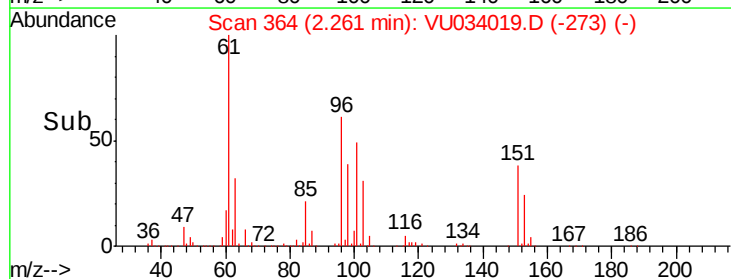
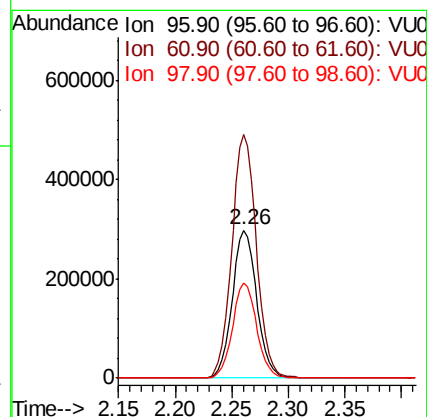
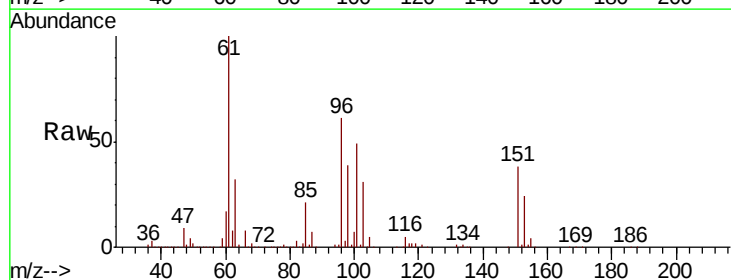
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

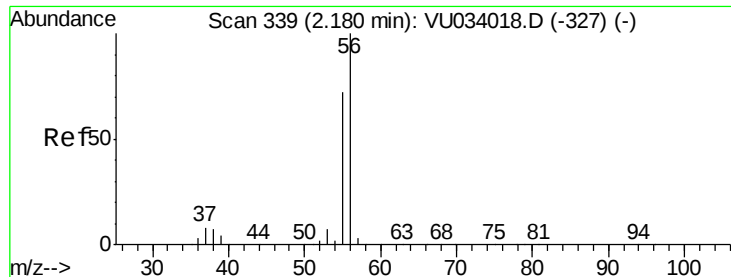
Tgt Ion: 59 Resp: 714550
Ion Ratio Lower Upper
59 100
57 9.8 8.0 12.0



#12
1,1-Dichloroethene
Concen: 104.064 ug/l
RT: 2.26 min Scan# 364
Delta R.T. -0.01 min
Lab File: VU034019.D
Acq: 28 Aug 2019 13:13

Tgt Ion: 96 Resp: 447432
Ion Ratio Lower Upper
96 100
61 164.5 131.3 196.9
98 63.9 50.3 75.5

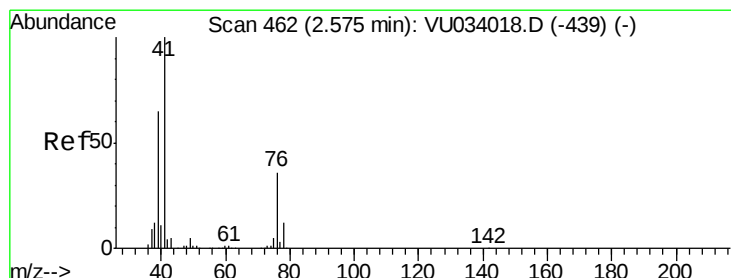
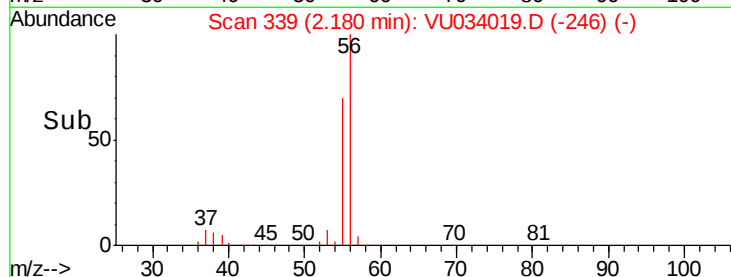
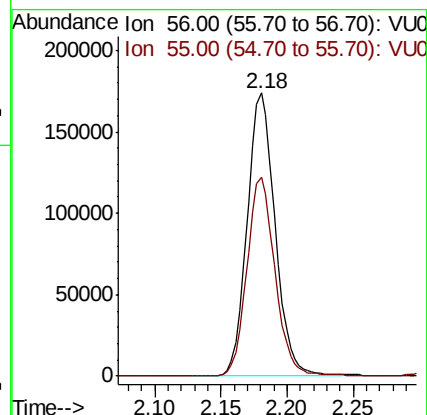
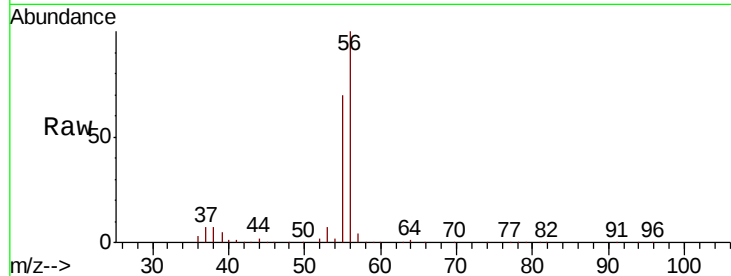




#13
 Acrolein
 Concen: 543.097 ug/l
 RT: 2.18 min Scan# 339
 Delta R.T. 0.00 min
 Lab File: VU034019.D
 Acq: 28 Aug 2019 13:13

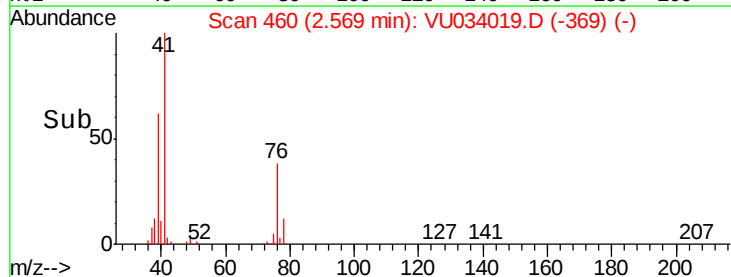
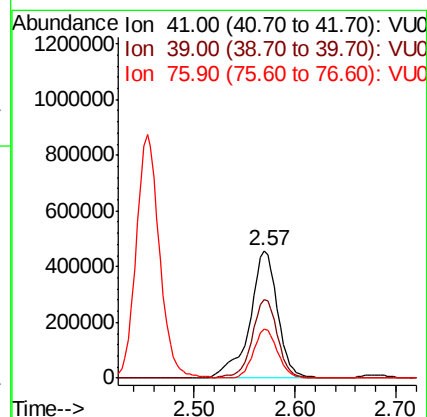
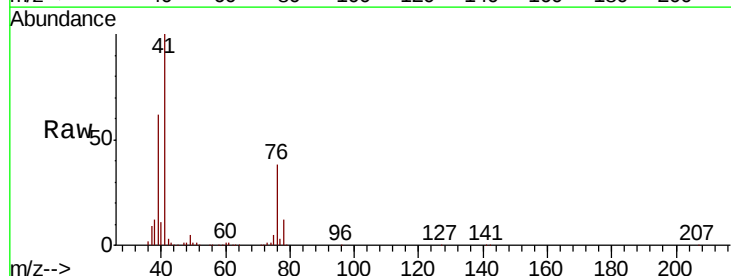
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

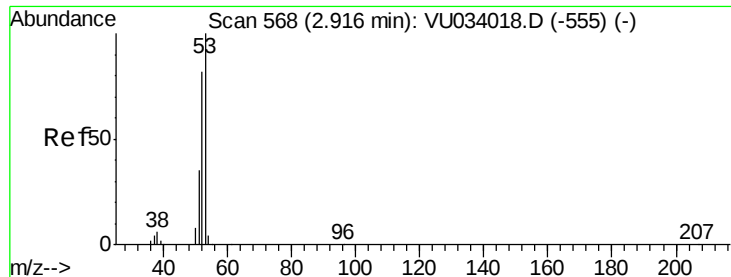
Tgt Ion: 56 Resp: 255398
 Ion Ratio Lower Upper
 56 100
 55 70.2 57.1 85.7



#14
 Allyl chloride
 Concen: 112.407 ug/l
 RT: 2.57 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: VU034019.D
 Acq: 28 Aug 2019 13:13

Tgt Ion: 41 Resp: 866504
 Ion Ratio Lower Upper
 41 100
 39 56.6 46.8 70.2
 76 33.3 26.6 40.0





#15

Acrylonitrile

Concen: 563.978 ug/l

RT: 2.92 min Scan# 568

Delta R.T. 0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

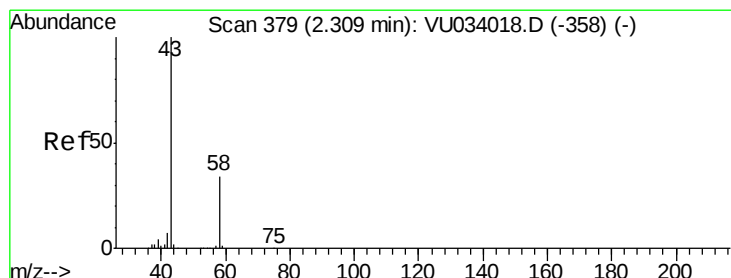
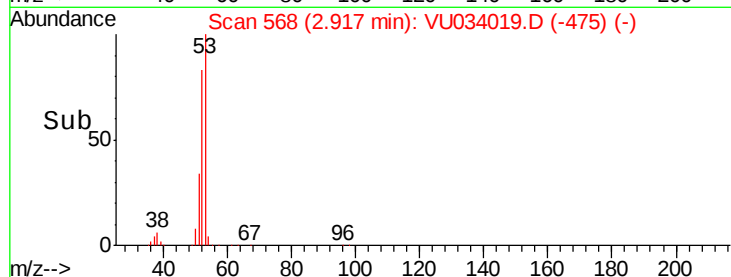
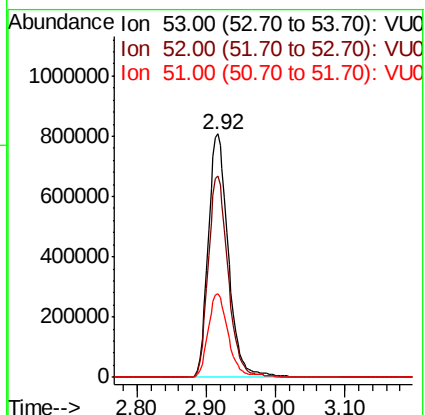
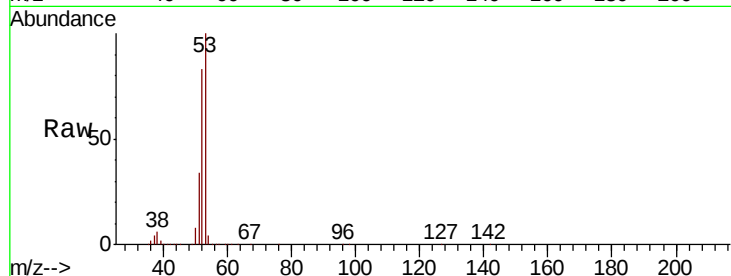
Tgt Ion: 53 Resp: 1616689

Ion Ratio Lower Upper

53 100

52 82.0 65.7 98.5

51 34.9 27.9 41.9



#16

Acetone

Concen: 536.535 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034019.D

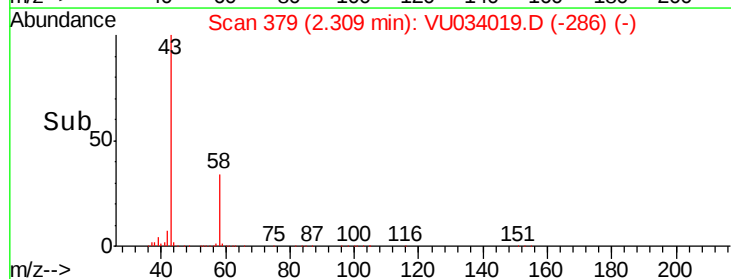
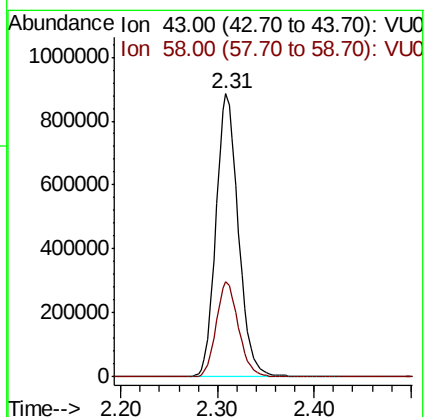
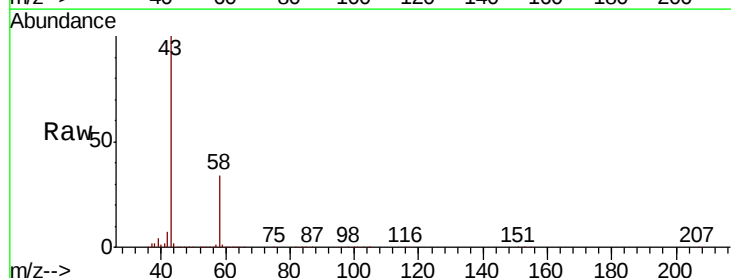
Acq: 28 Aug 2019 13:13

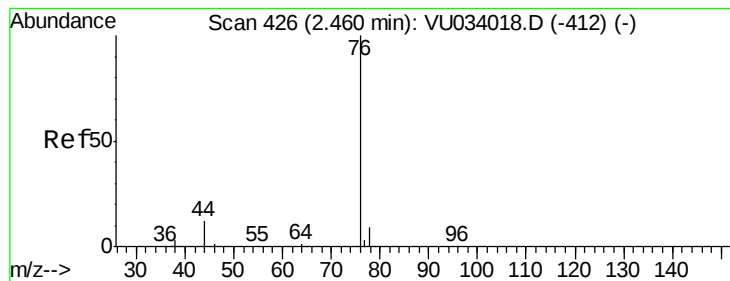
Tgt Ion: 43 Resp: 1415879

Ion Ratio Lower Upper

43 100

58 33.7 26.8 40.2





#17

Carbon Disulfide

Concen: 100.163 ug/l

RT: 2.45 min Scan# 424

Delta R.T. -0.01 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

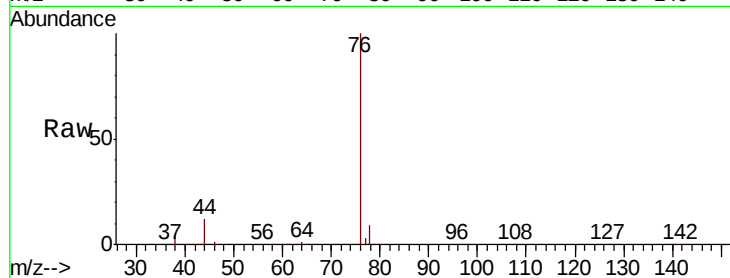
VSTDIC100

Tgt Ion: 76 Resp: 1409835

Ion Ratio Lower Upper

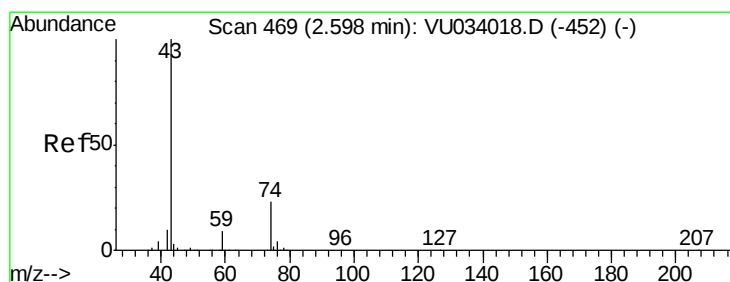
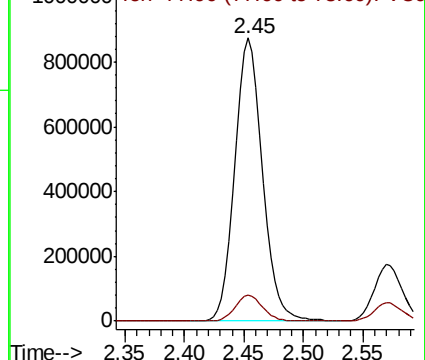
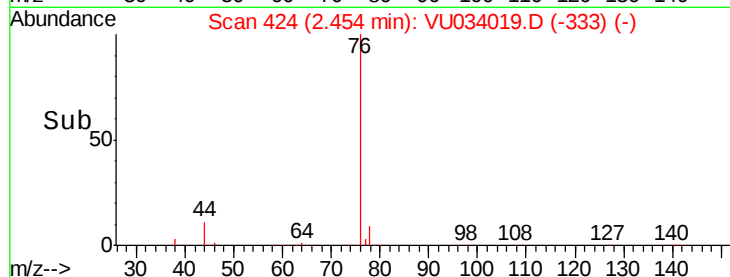
76 100

78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU034018.D (-412) (-)

Ion 77.90 (77.60 to 78.60): VU034019.D (-333) (-)



#18

Methyl Acetate

Concen: 111.054 ug/l

RT: 2.60 min Scan# 469

Delta R.T. 0.00 min

Lab File: VU034019.D

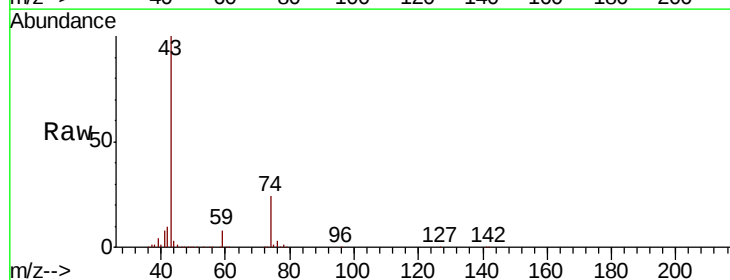
Acq: 28 Aug 2019 13:13

Tgt Ion: 43 Resp: 719629

Ion Ratio Lower Upper

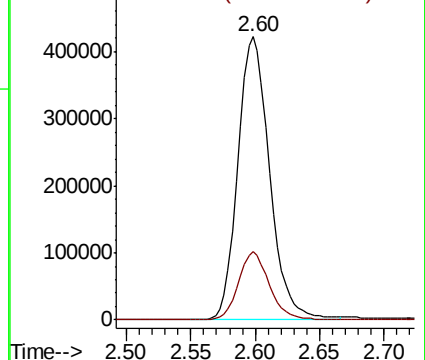
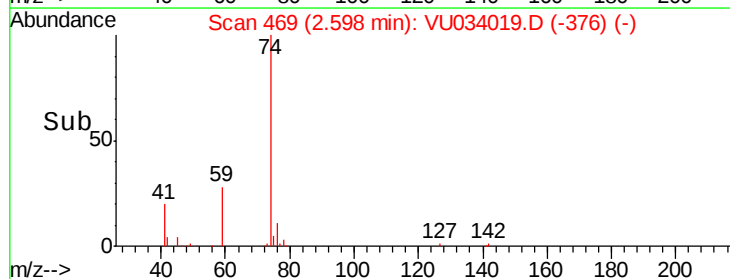
43 100

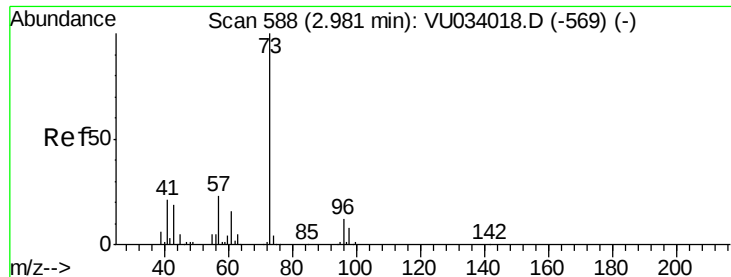
74 23.7 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-452) (-)

Ion 74.00 (73.70 to 74.70): VU034019.D (-376) (-)

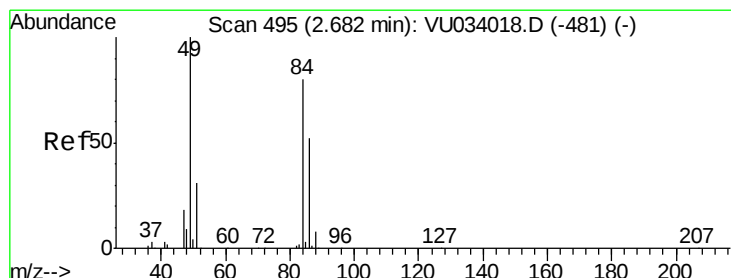
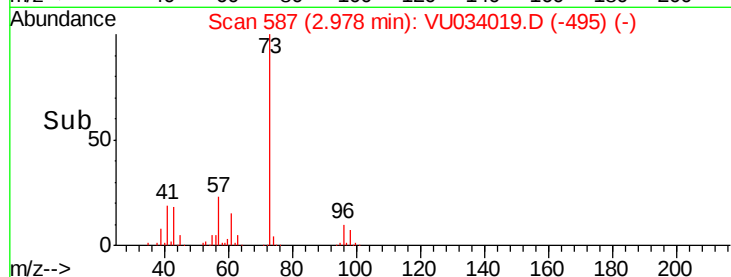
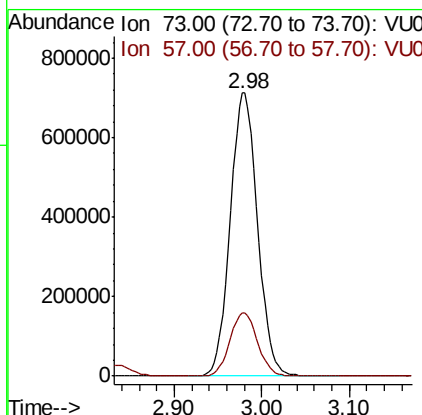
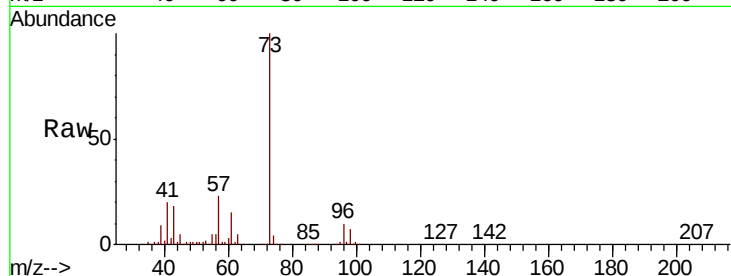




#19
Methyl tert-butyl Ether
Concen: 106.774 ug/l
RT: 2.98 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU034019.D
Acq: 28 Aug 2019 13:13

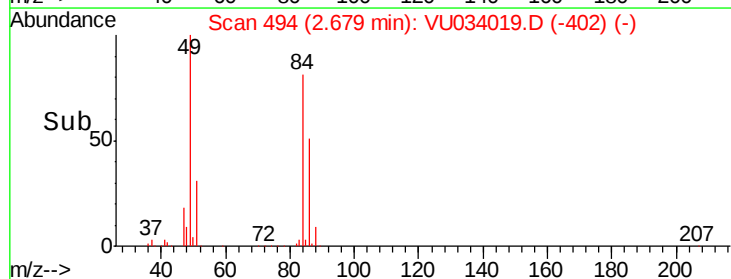
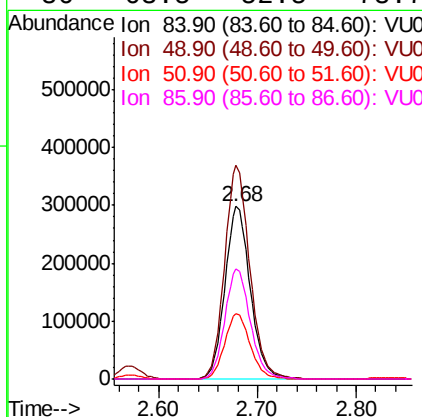
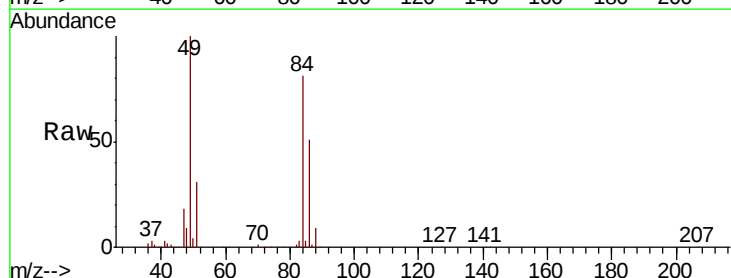
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

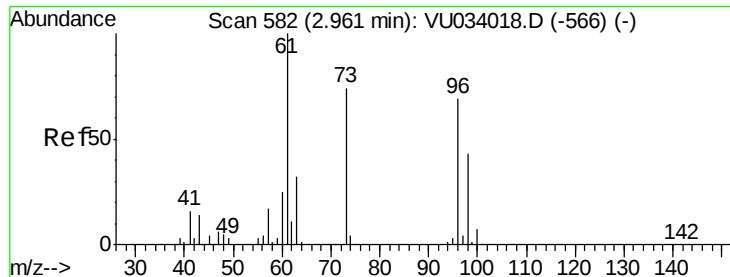
Tgt Ion: 73 Resp: 1538679
Ion Ratio Lower Upper
73 100
57 22.5 18.3 27.5



#20
Methylene Chloride
Concen: 98.302 ug/l
RT: 2.68 min Scan# 494
Delta R.T. -0.00 min
Lab File: VU034019.D
Acq: 28 Aug 2019 13:13

Tgt Ion: 84 Resp: 538190
Ion Ratio Lower Upper
84 100
49 123.9 100.2 150.4
51 38.1 30.8 46.2
86 63.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 100.147 ug/l

RT: 2.96 min Scan# 581

Delta R.T. -0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

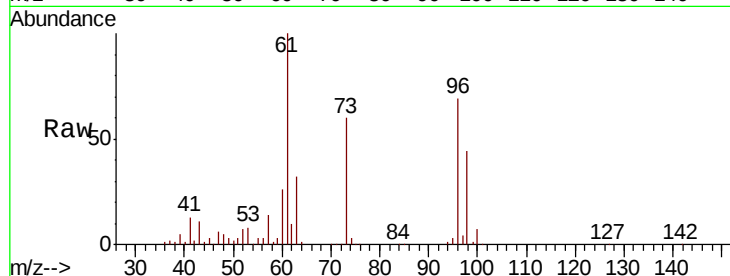
Tgt Ion: 96 Resp: 486833

Ion Ratio Lower Upper

96 100

61 144.5 115.5 173.3

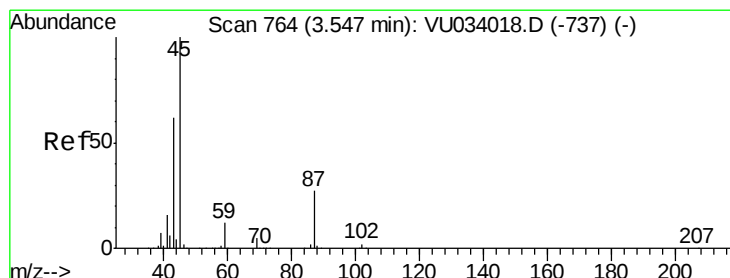
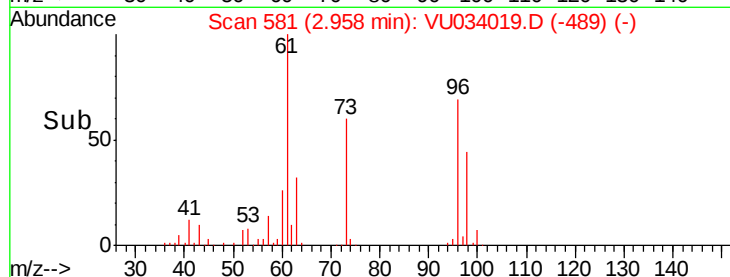
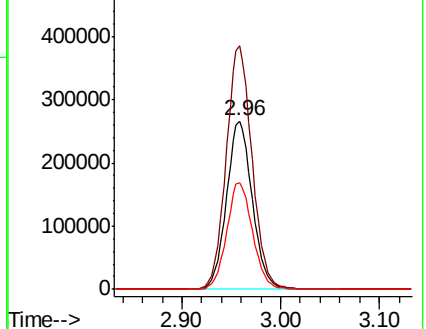
98 63.6 50.1 75.1



Abundance Ion 95.90 (95.60 to 96.60): VU034018.D (-566) (-)

Ion 60.90 (60.60 to 61.60): VU034018.D (-566) (-)

Ion 97.90 (97.60 to 98.60): VU034018.D (-566) (-)



#22

Diisopropyl ether

Concen: 111.915 ug/l

RT: 3.55 min Scan# 764

Delta R.T. 0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

Tgt Ion: 45 Resp: 1587581

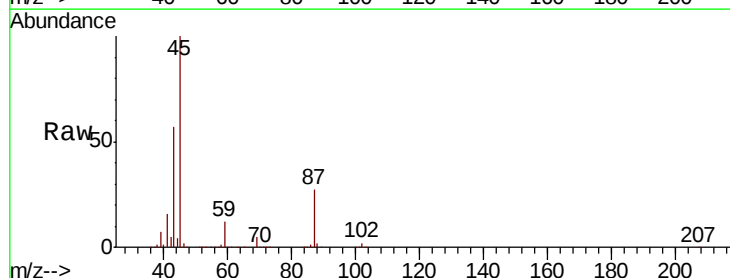
Ion Ratio Lower Upper

45 100

43 56.4 49.7 74.5

87 27.4 21.8 32.8

59 12.2 9.3 13.9

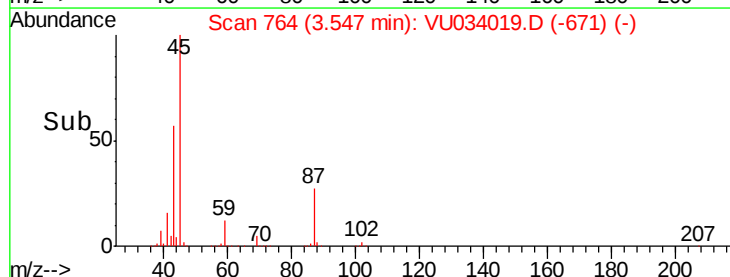
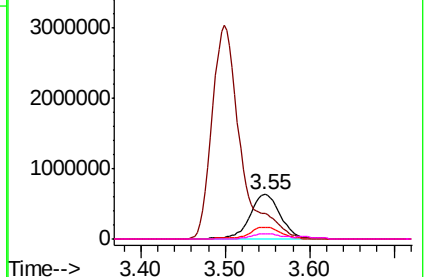


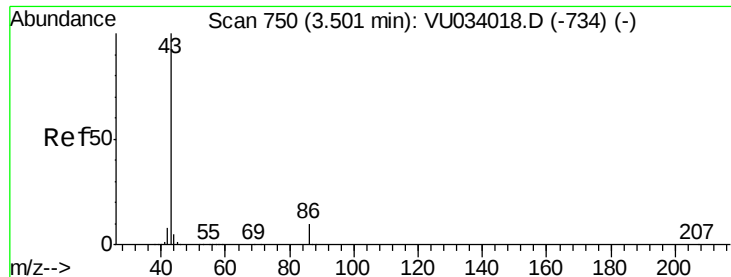
Abundance Ion 45.00 (44.70 to 45.70): VU034018.D (-737) (-)

Ion 43.00 (42.70 to 43.70): VU034018.D (-737) (-)

Ion 87.00 (86.70 to 87.70): VU034018.D (-737) (-)

Ion 59.00 (58.70 to 59.70): VU034018.D (-737) (-)





#23

Vinyl Acetate

Concen: 588.979 ug/l

RT: 3.50 min Scan# 749

Delta R.T. -0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

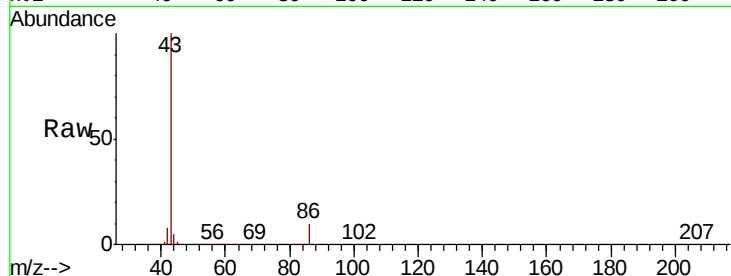
VSTDIC100

Tgt Ion: 43 Resp: 7119709

Ion Ratio Lower Upper

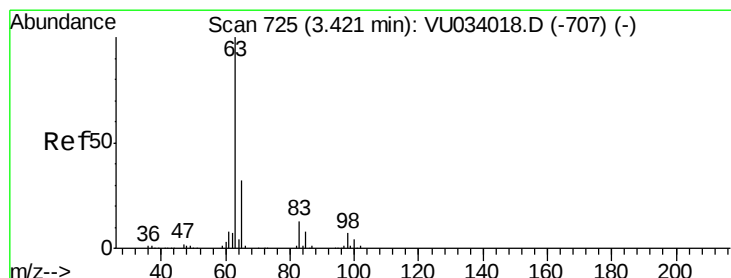
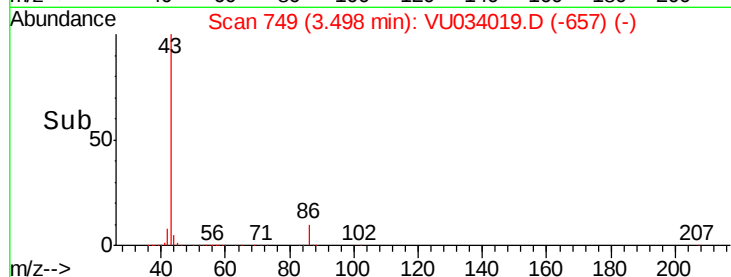
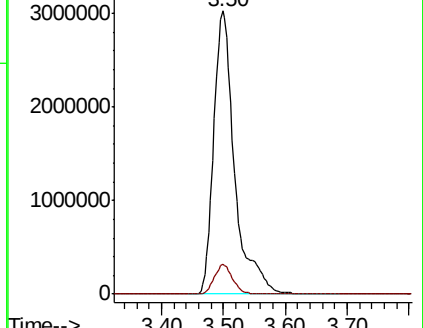
43 100

86 10.4 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-734) (-)

Ion 86.00 (85.70 to 86.70): VU034018.D (-734) (-)



#24

1,1-Dichloroethane

Concen: 105.761 ug/l

RT: 3.42 min Scan# 724

Delta R.T. -0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

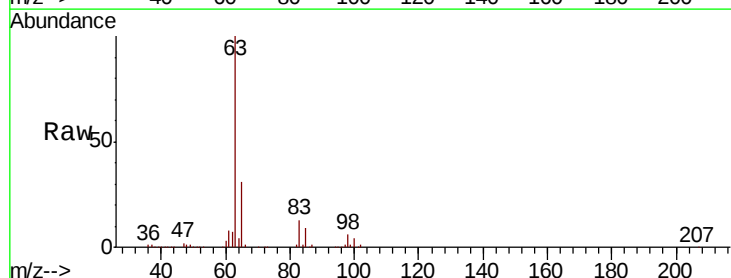
Tgt Ion: 63 Resp: 926465

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

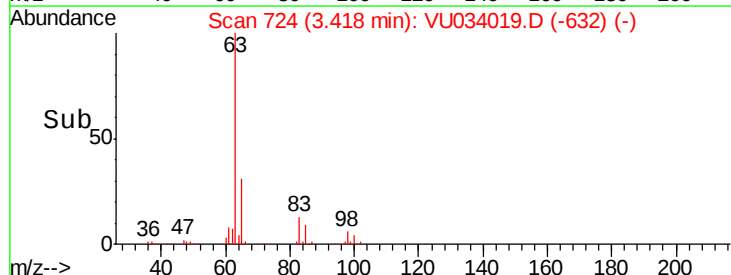
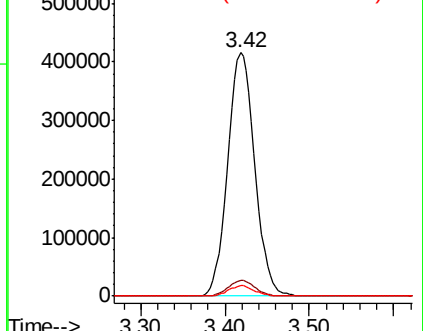
100 4.2 2.0 6.0

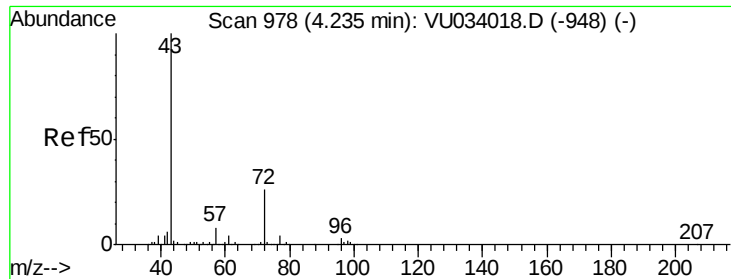


Abundance Ion 62.90 (62.60 to 63.60): VU034018.D (-707) (-)

Ion 97.90 (97.60 to 98.60): VU034018.D (-707) (-)

Ion 99.90 (99.60 to 100.60): VU034018.D (-707) (-)





#25

2-Butanone

Concen: 583.289 ug/l

RT: 4.23 min Scan# 978

Delta R.T. 0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

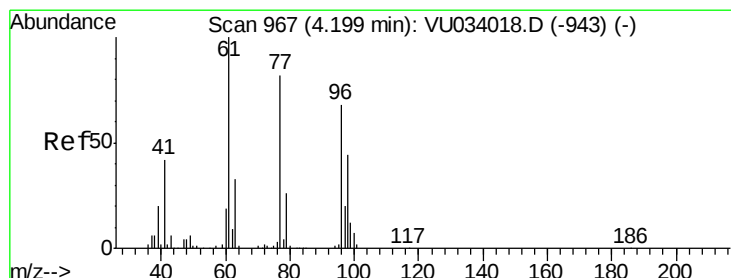
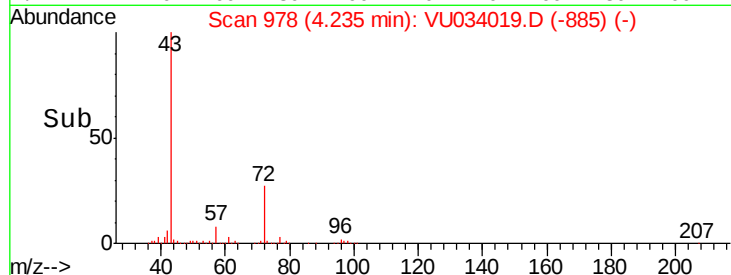
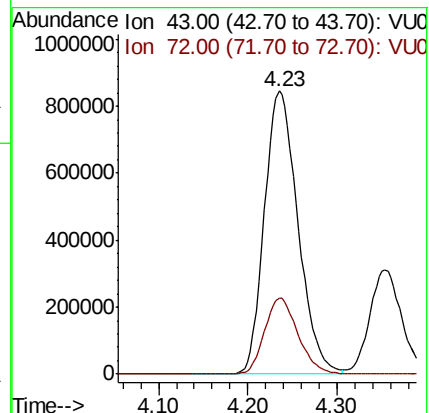
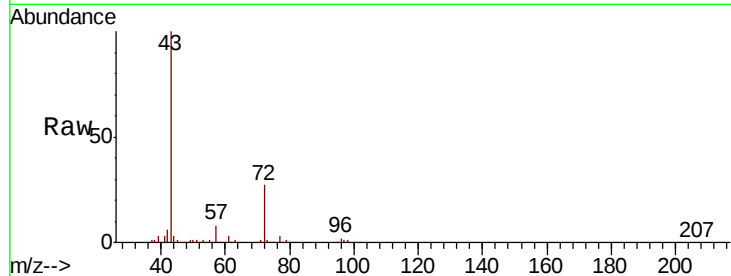
VSTDIC100

Tgt Ion: 43 Resp: 2209299

Ion Ratio Lower Upper

43 100

72 26.8 21.2 31.8



#26

2,2-Dichloropropane

Concen: 101.948 ug/l

RT: 4.19 min Scan# 965

Delta R.T. -0.01 min

Lab File: VU034019.D

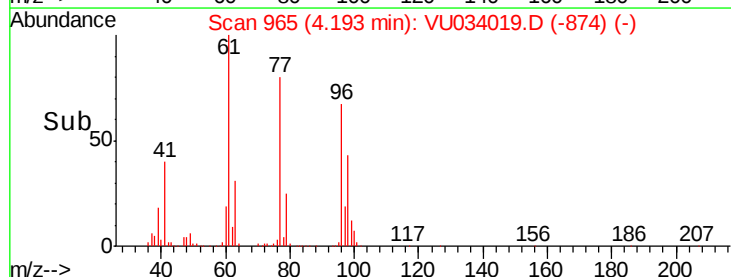
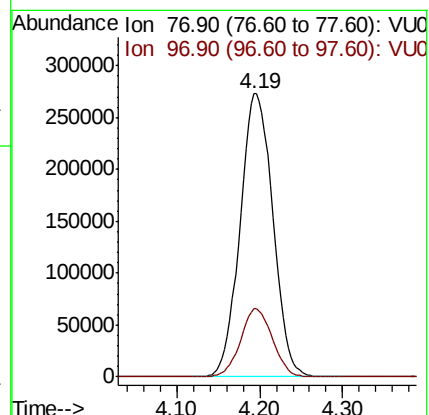
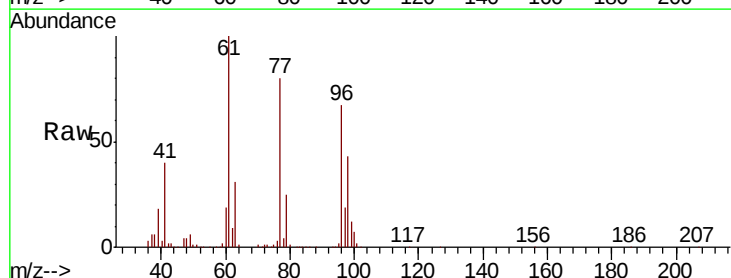
Acq: 28 Aug 2019 13:13

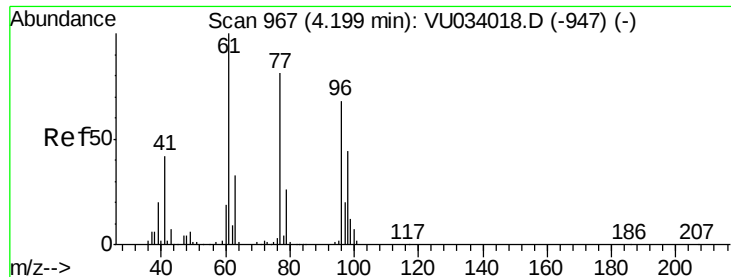
Tgt Ion: 77 Resp: 750990

Ion Ratio Lower Upper

77 100

97 23.5 11.6 34.7



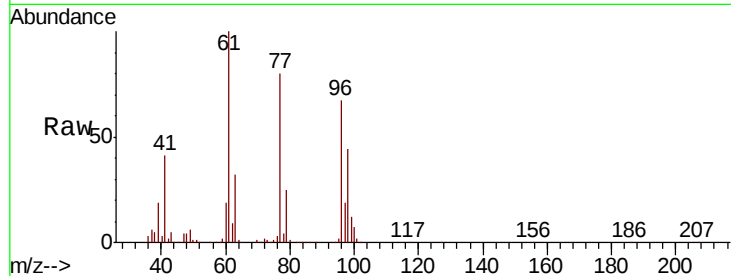


#27

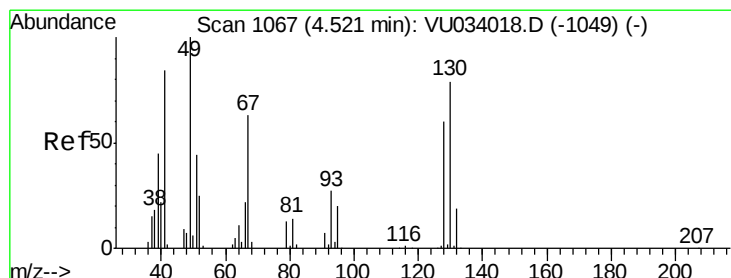
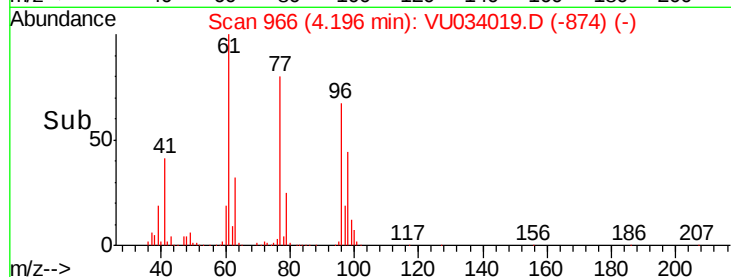
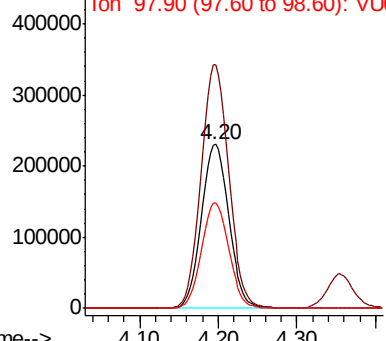
cis-1,2-Dichloroethene
 Concen: 102.893 ug/l
 RT: 4.20 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VU034019.D
 Acq: 28 Aug 2019 13:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Tgt Ion: 96 Resp: 560912
 Ion Ratio Lower Upper
 96 100
 61 149.5 0.0 303.0
 98 64.1 0.0 129.2



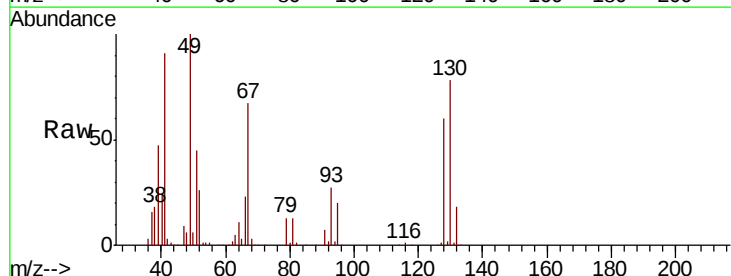
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



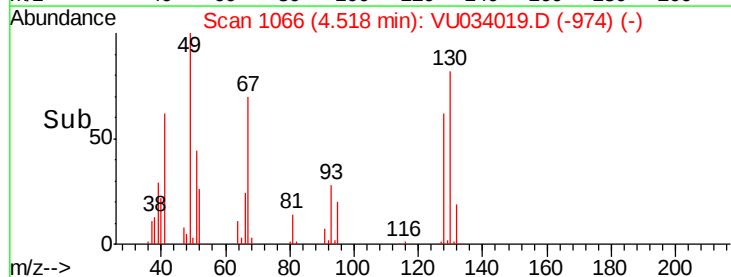
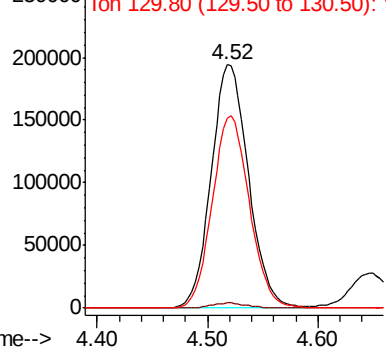
#28

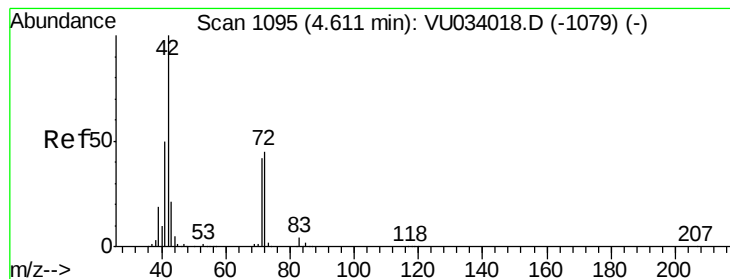
Bromochloromethane
 Concen: 112.005 ug/l
 RT: 4.52 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: VU034019.D
 Acq: 28 Aug 2019 13:13

Tgt Ion: 49 Resp: 455747
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.6
 130 78.7 62.8 94.2



Abundance Ion 48.90 (48.60 to 49.60): VU0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 573.165 ug/l

RT: 4.61 min Scan# 1095

Delta R.T. 0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

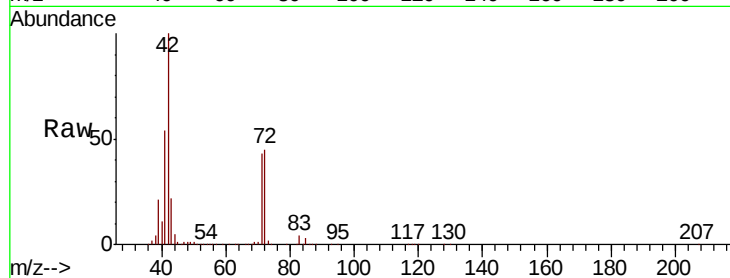
Tgt Ion: 42 Resp: 1352488

Ion Ratio Lower Upper

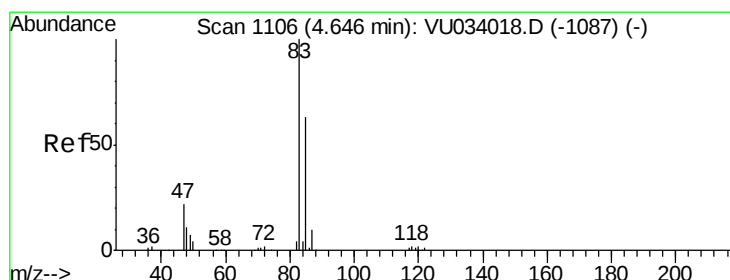
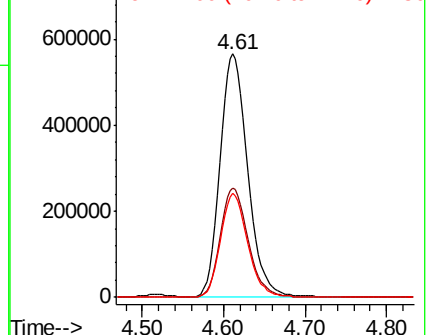
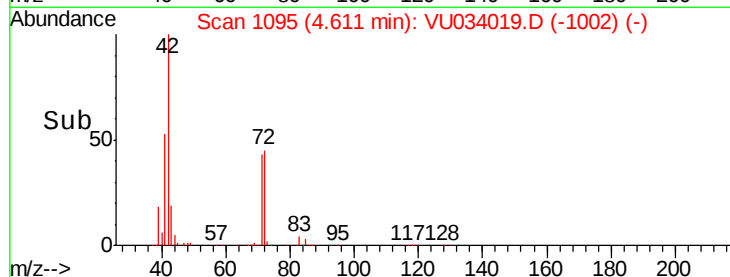
42 100

72 45.3 35.8 53.6

71 42.0 34.0 51.0



Abundance Ion 42.00 (41.70 to 42.70): VU034019.D (-1002) (-)



#30

Chloroform

Concen: 98.803 ug/l

RT: 4.65 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VU034019.D

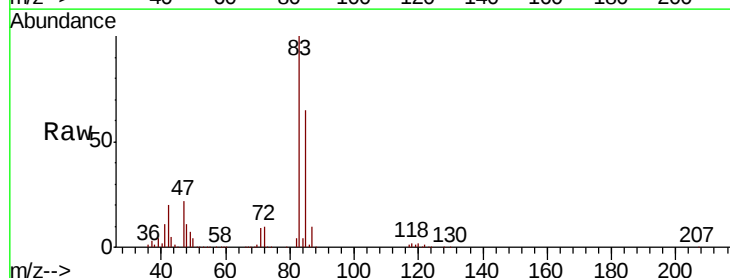
Acq: 28 Aug 2019 13:13

Tgt Ion: 83 Resp: 880142

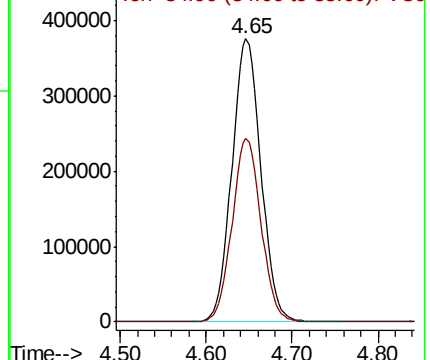
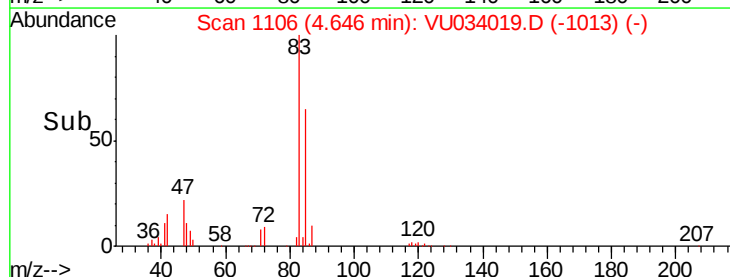
Ion Ratio Lower Upper

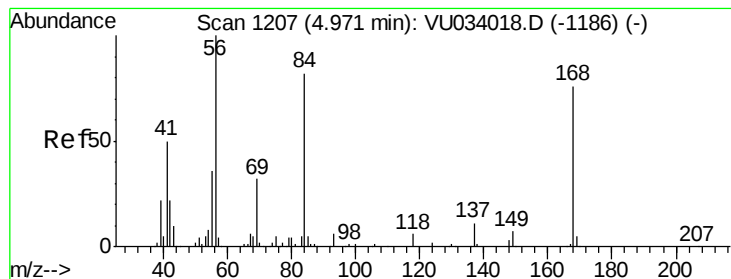
83 100

85 64.7 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VU034019.D (-1013) (-)





#31

Cyclohexane

Concen: 102.582 ug/l

RT: 4.97 min Scan# 1206

Delta R.T. -0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

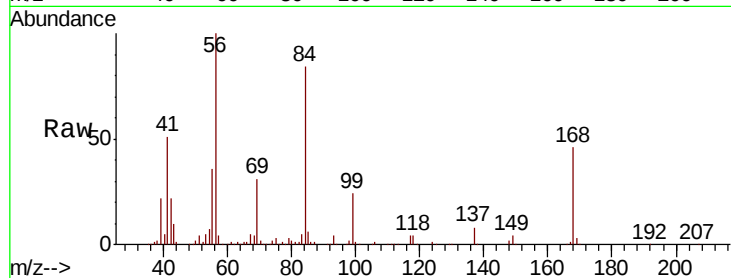
Tgt Ion: 56 Resp: 831432

Ion Ratio Lower Upper

56 100

69 30.9 25.4 38.0

84 83.2 65.8 98.8

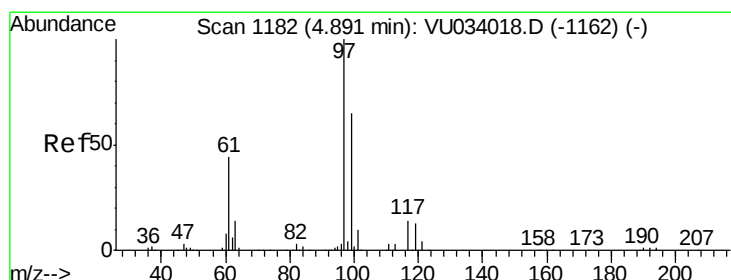
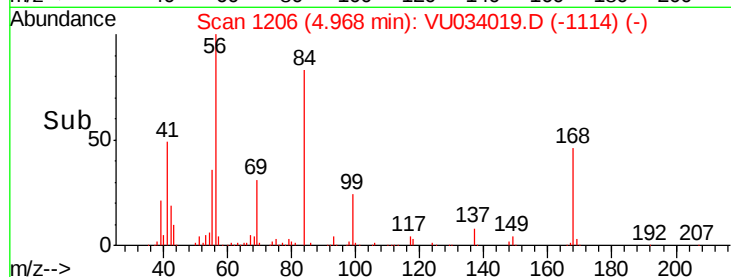
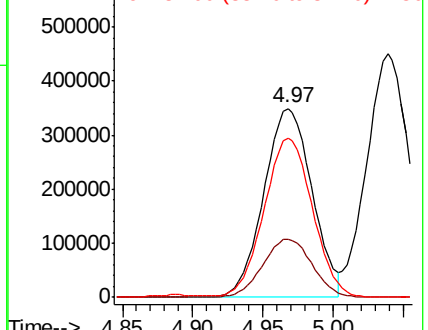


Abundance

Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#32

1,1,1-Trichloroethane

Concen: 101.163 ug/l

RT: 4.89 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

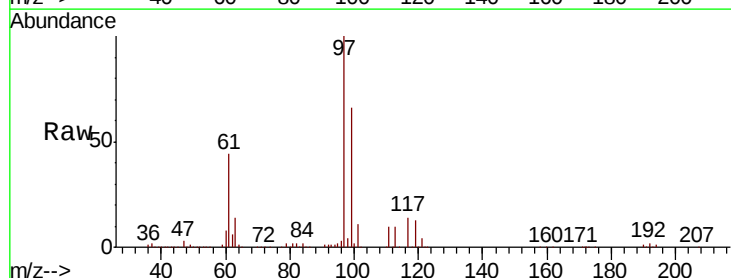
Tgt Ion: 97 Resp: 754442

Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.6

61 43.8 35.3 52.9

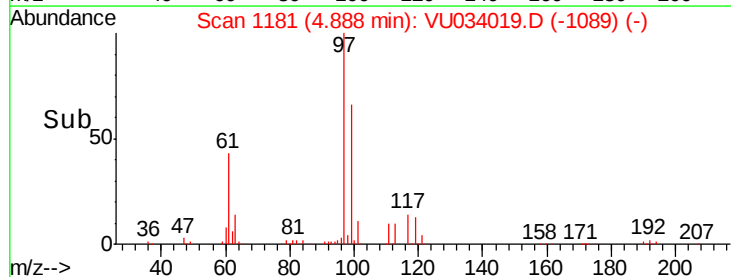
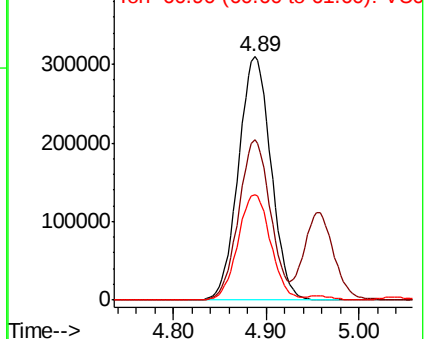


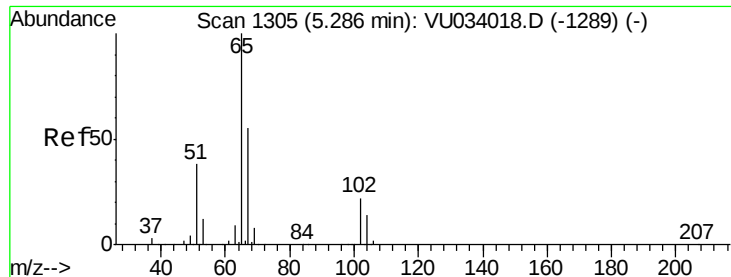
Abundance

Ion 96.90 (96.60 to 97.60): VU0

Ion 98.90 (98.60 to 99.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

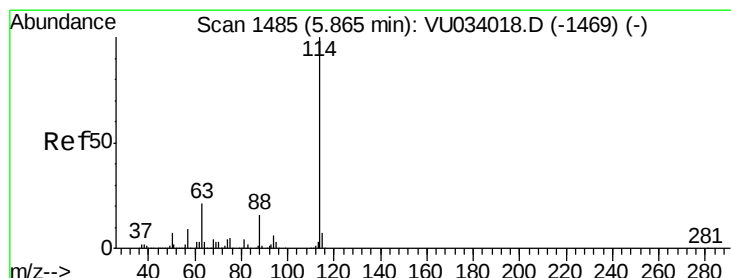
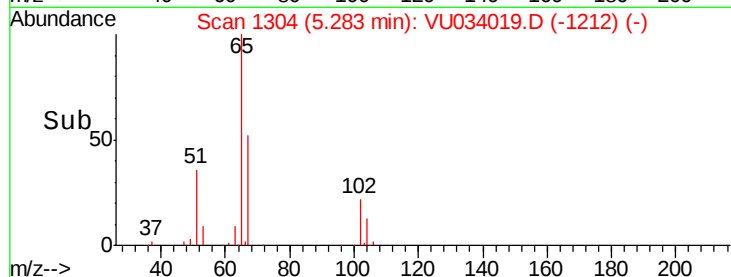
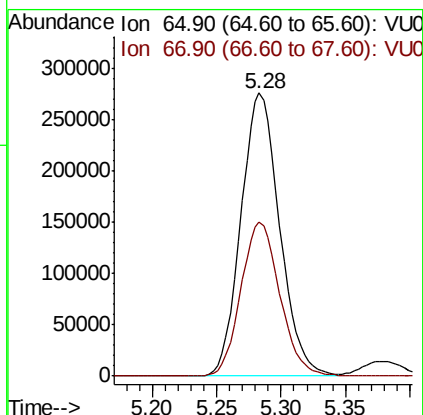
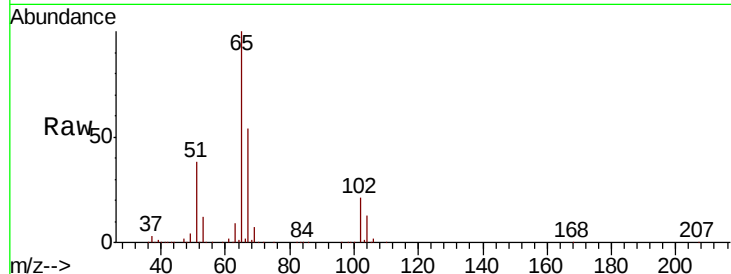




#33
 1,2-Dichloroethane-d4
 Concen: 105.906 ug/l
 RT: 5.28 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: VU034019.D
 Acq: 28 Aug 2019 13:13

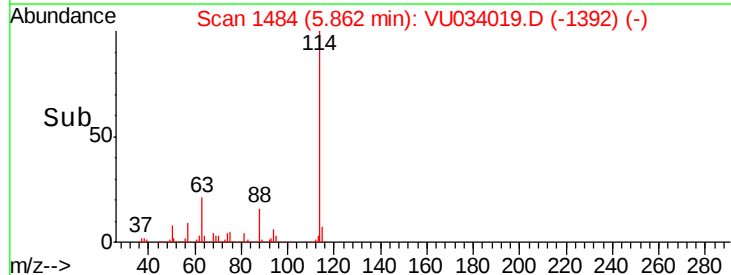
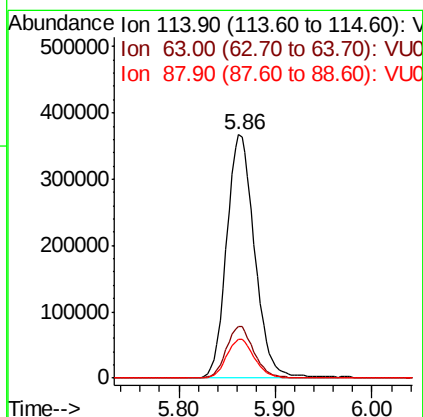
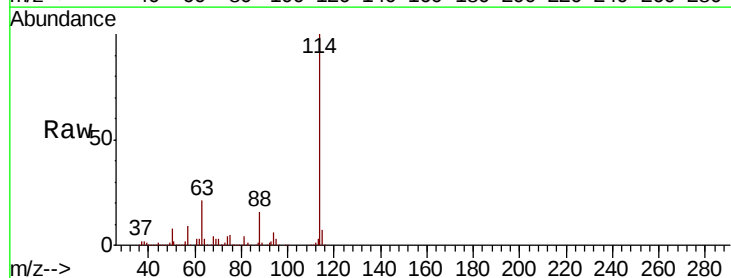
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

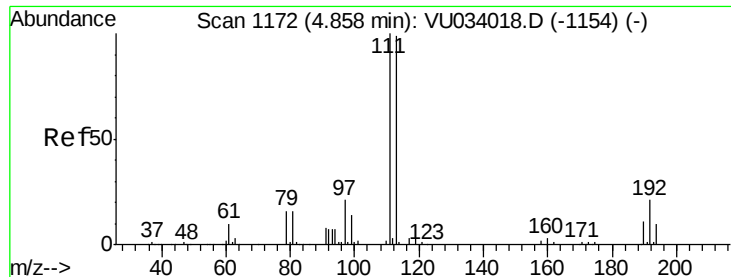
Tgt Ion: 65 Resp: 577275
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: VU034019.D
 Acq: 28 Aug 2019 13:13

Tgt Ion: 114 Resp: 738954
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.0
 88 16.1 0.0 32.0

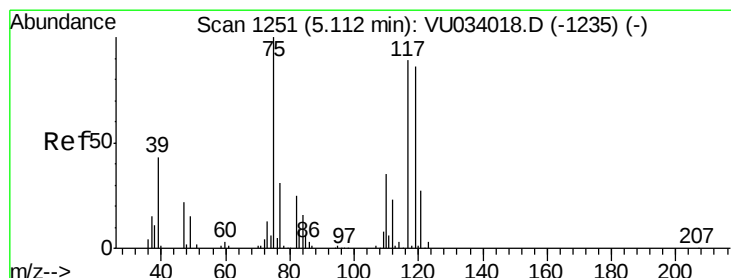
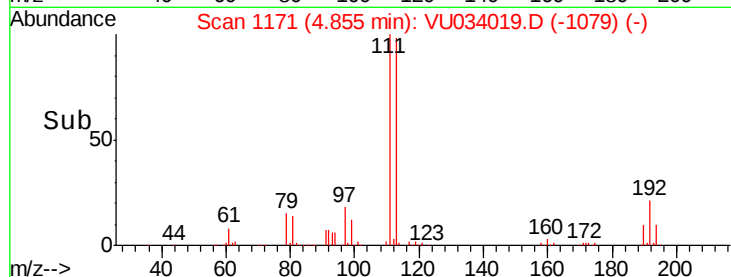
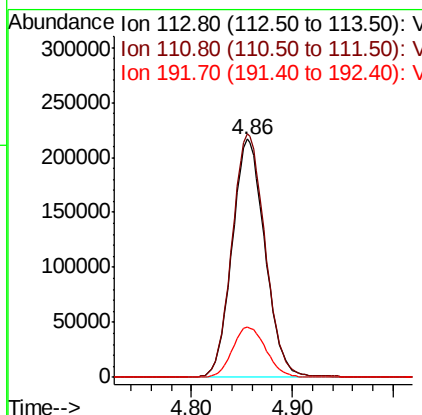
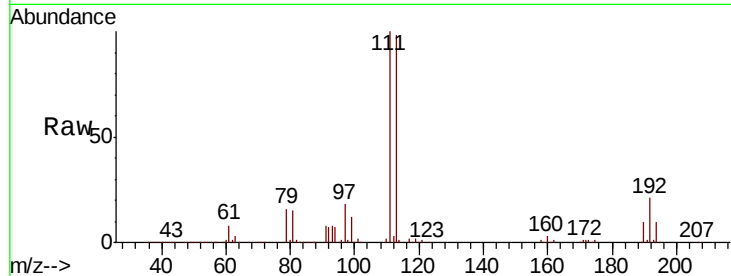




#35
 Dibromofluoromethane
 Concen: 97.171 ug/l
 RT: 4.86 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: VU034019.D
 Acq: 28 Aug 2019 13:13

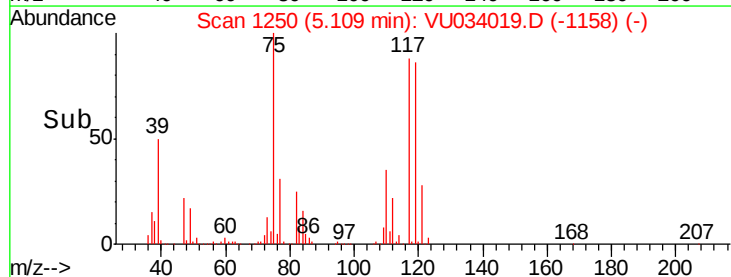
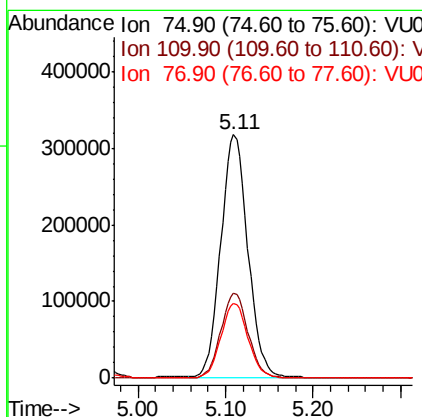
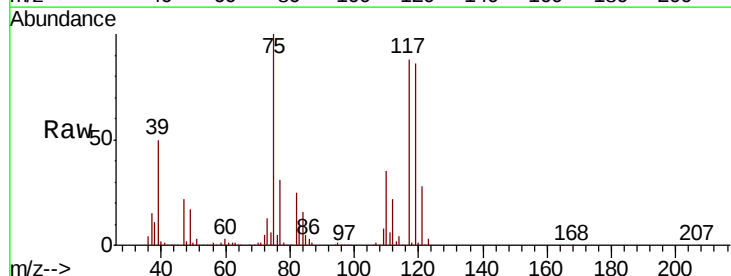
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

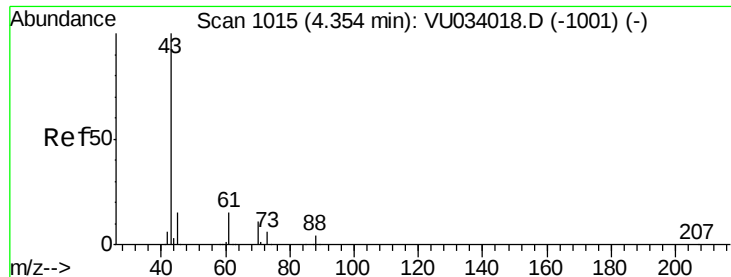
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.7	122.5
192	21.6	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 98.600 ug/l
 RT: 5.11 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VU034019.D
 Acq: 28 Aug 2019 13:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.8	53.5
77	30.7	25.0	37.4

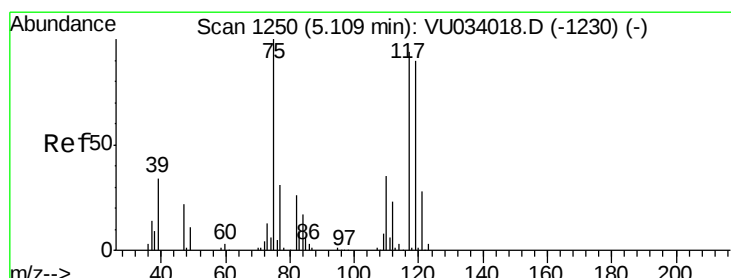
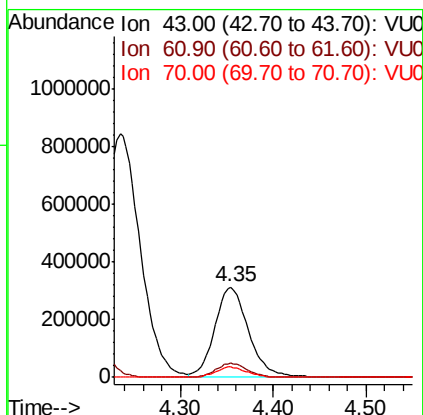
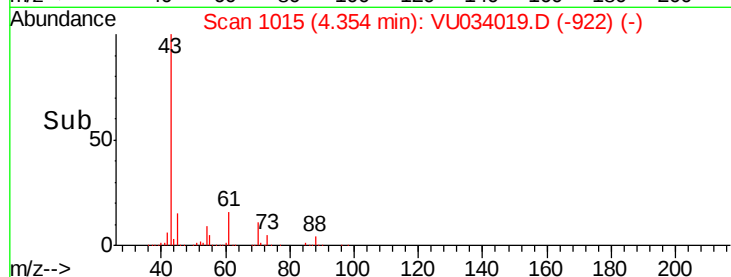
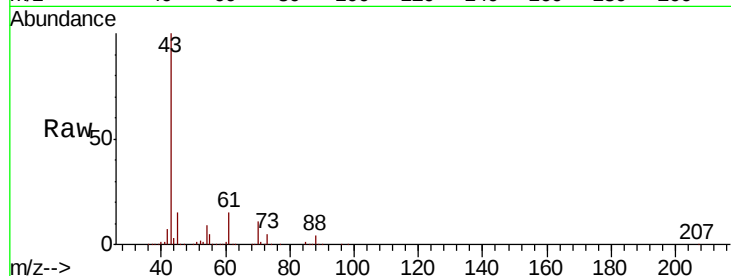




#37
Ethyl Acetate
Concen: 109.990 ug/l
RT: 4.35 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VU034019.D
Acq: 28 Aug 2019 13:13

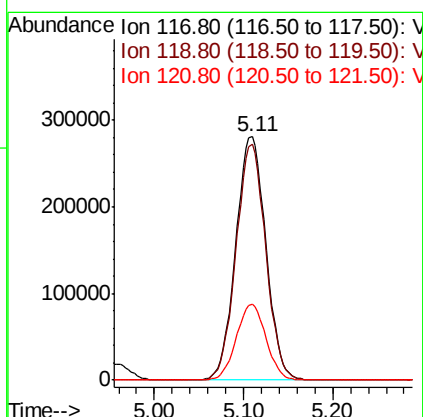
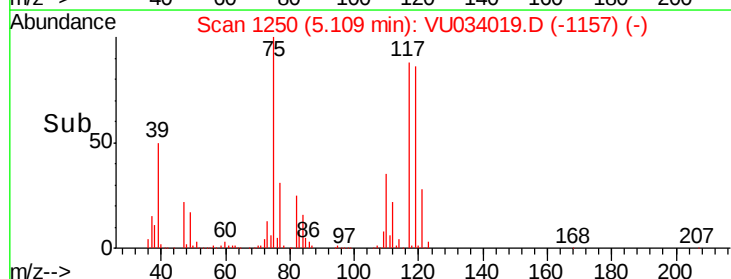
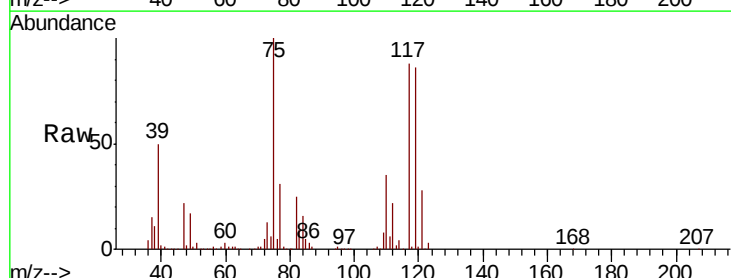
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

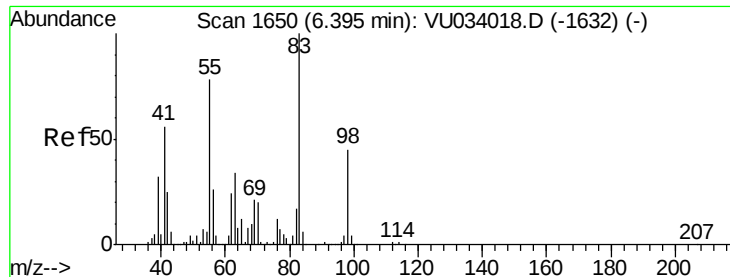
Tgt Ion: 43 Resp: 776303
Ion Ratio Lower Upper
43 100
61 14.9 11.5 17.3
70 10.9 8.6 12.8



#38
Carbon Tetrachloride
Concen: 94.007 ug/l
RT: 5.11 min Scan# 1250
Delta R.T. 0.00 min
Lab File: VU034019.D
Acq: 28 Aug 2019 13:13

Tgt Ion: 117 Resp: 656034
Ion Ratio Lower Upper
117 100
119 96.9 77.0 115.4
121 31.1 23.9 35.9

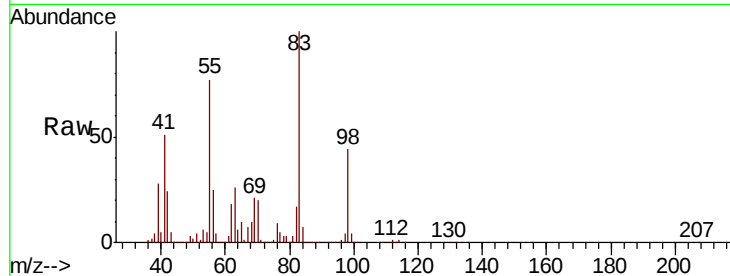




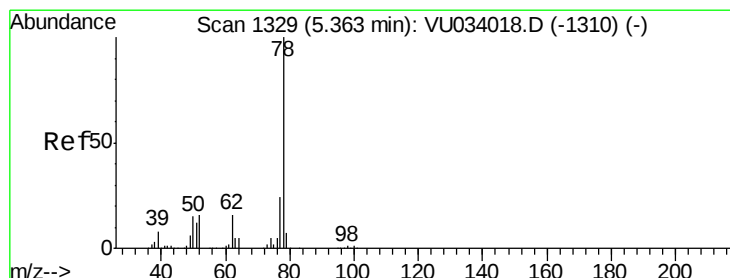
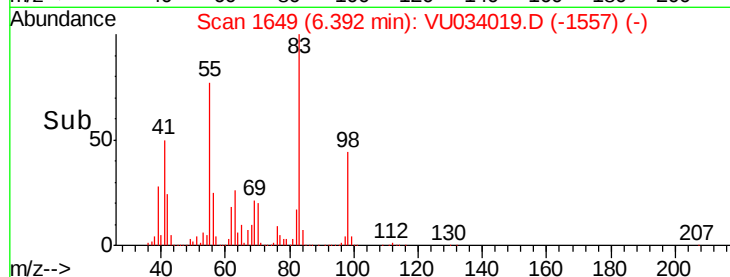
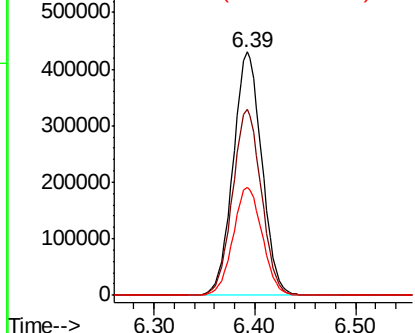
#39
Methylcyclohexane
Concen: 104.024 ug/l
RT: 6.39 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VU034019.D
Acq: 28 Aug 2019 13:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 850981
Ion Ratio Lower Upper
83 100
55 76.6 62.3 93.5
98 44.5 36.2 54.2

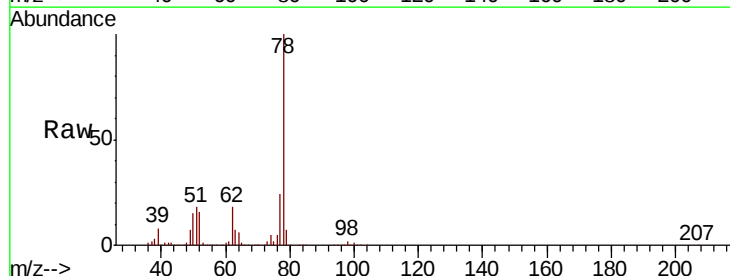


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

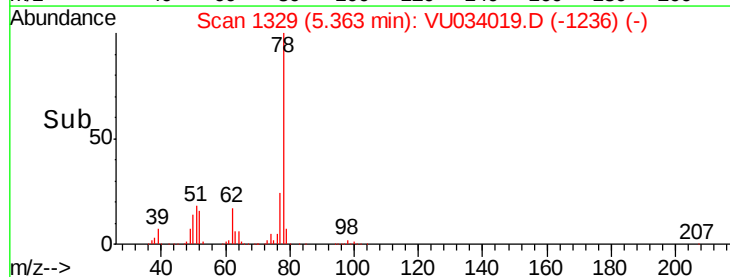
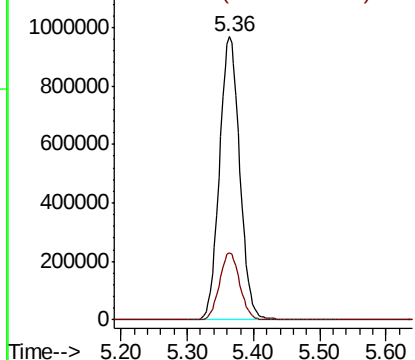


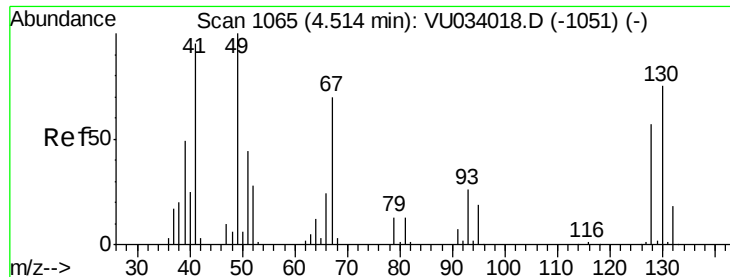
#40
Benzene
Concen: 99.894 ug/l
RT: 5.36 min Scan# 1329
Delta R.T. 0.00 min
Lab File: VU034019.D
Acq: 28 Aug 2019 13:13

Tgt Ion: 78 Resp: 2058341
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

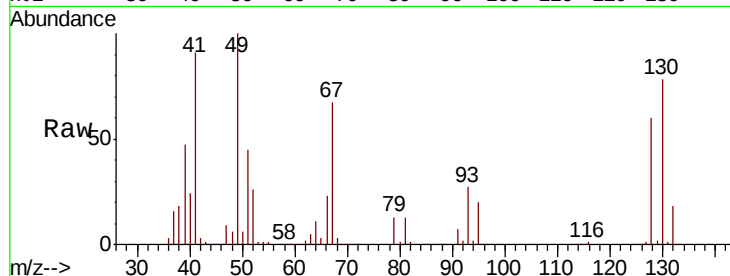




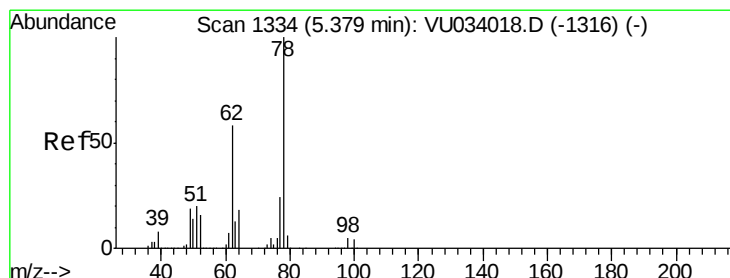
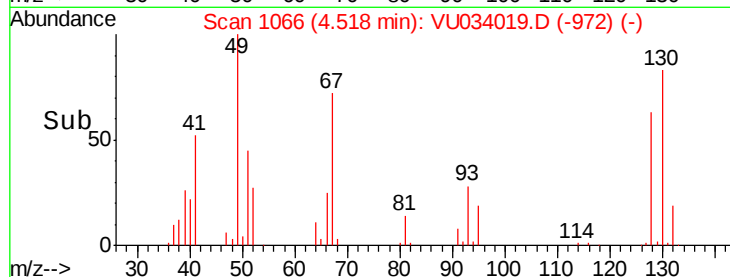
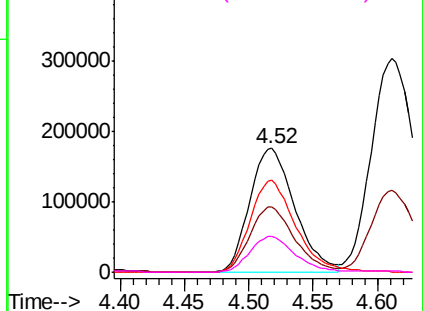
#41
Methacrylonitrile
Concen: 116.399 ug/l
RT: 4.52 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VU034019.D
Acq: 28 Aug 2019 13:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion:	41	Resp:	427861
Ion	Ratio	Lower	Upper
41	100		
39	52.1	42.1	63.1
67	75.5	61.0	91.4
52	28.8	23.3	34.9

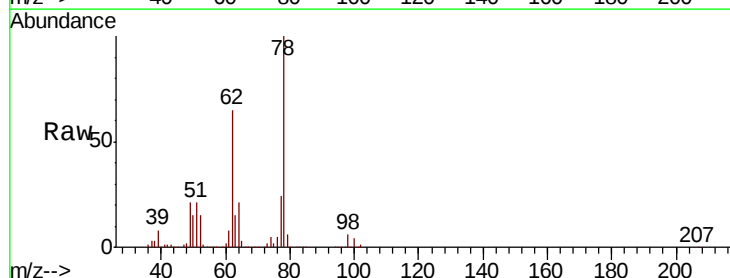


Abundance Ion 41.00 (40.70 to 41.70): VU034019.D (-1051) (-)
Ion 39.00 (38.70 to 39.70): VU034019.D (-1051) (-)
Ion 67.00 (66.70 to 67.70): VU034019.D (-1051) (-)
Ion 52.00 (51.70 to 52.70): VU034019.D (-1051) (-)

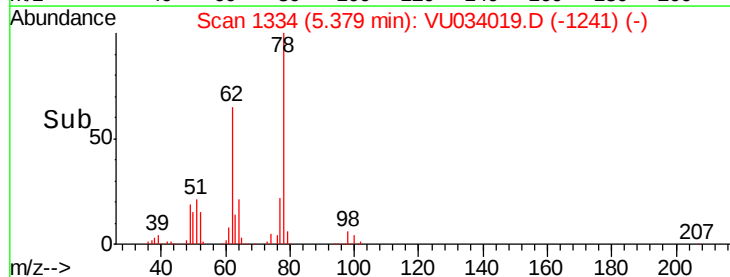
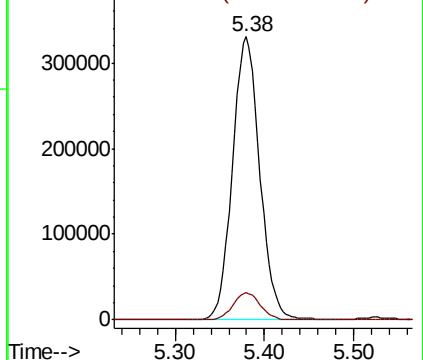


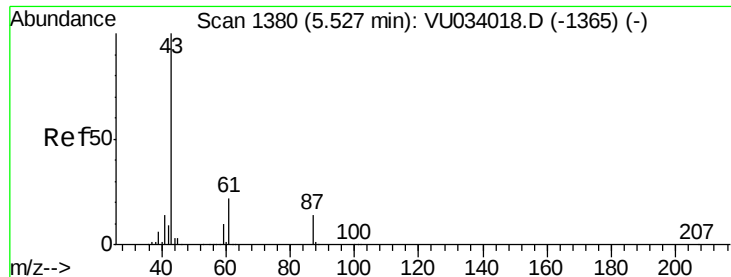
#42
1,2-Dichloroethane
Concen: 99.890 ug/l
RT: 5.38 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VU034019.D
Acq: 28 Aug 2019 13:13

Tgt Ion:	62	Resp:	698554
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.2



Abundance Ion 61.90 (61.60 to 62.60): VU034019.D (-1241) (-)
Ion 97.90 (97.60 to 98.60): VU034019.D (-1241) (-)





#43

Isopropyl Acetate

Concen: 115.623 ug/l

RT: 5.53 min Scan# 1380

Delta R.T. 0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

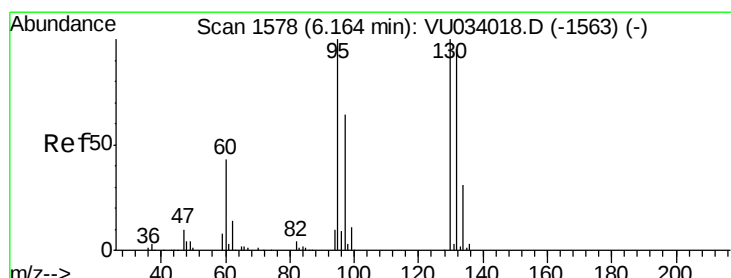
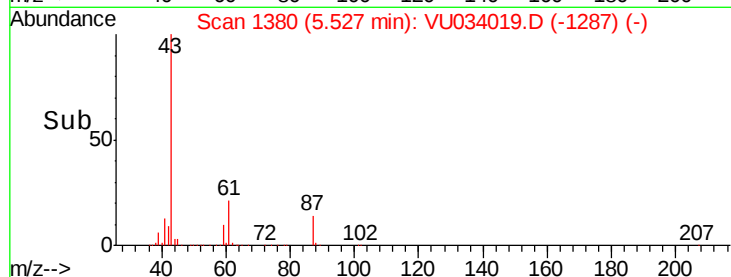
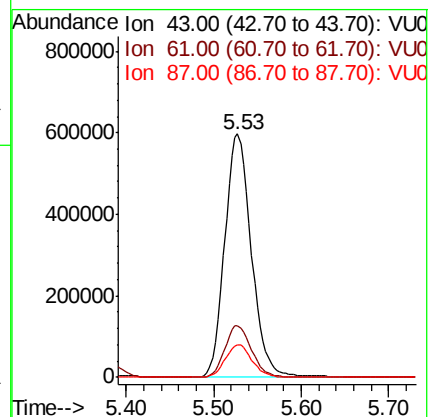
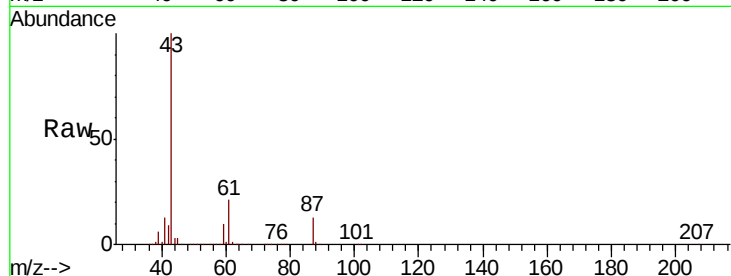
Tgt Ion: 43 Resp: 1254798

Ion Ratio Lower Upper

43 100

61 21.4 17.2 25.8

87 13.6 10.8 16.2



#44

Trichloroethene

Concen: 94.386 ug/l

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU034019.D

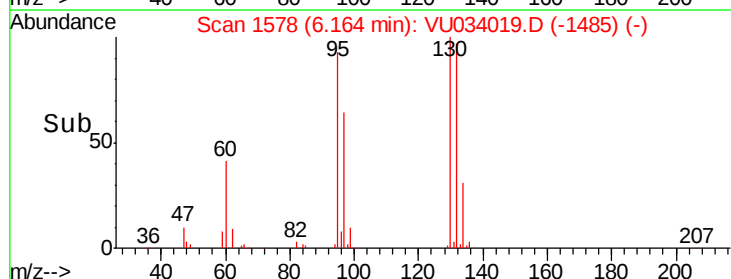
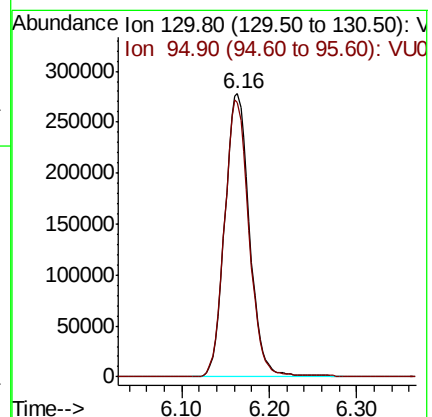
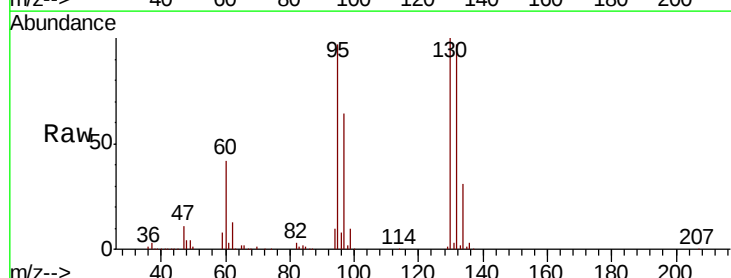
Acq: 28 Aug 2019 13:13

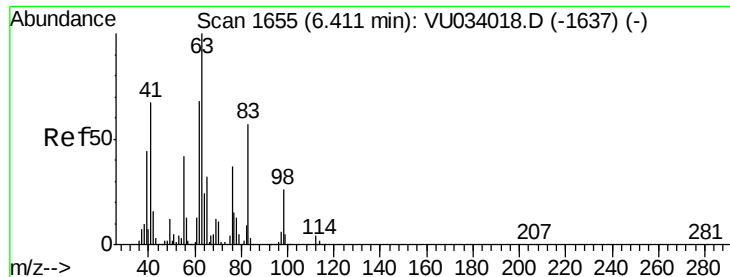
Tgt Ion: 130 Resp: 545699

Ion Ratio Lower Upper

130 100

95 97.1 0.0 199.6

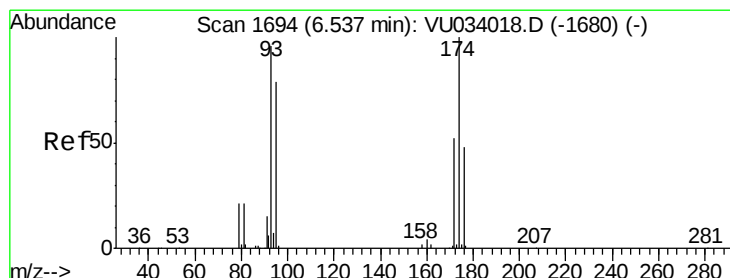
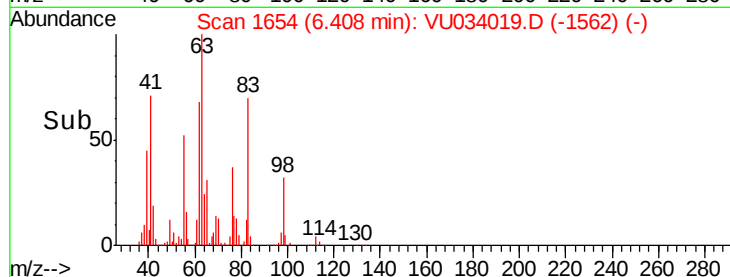
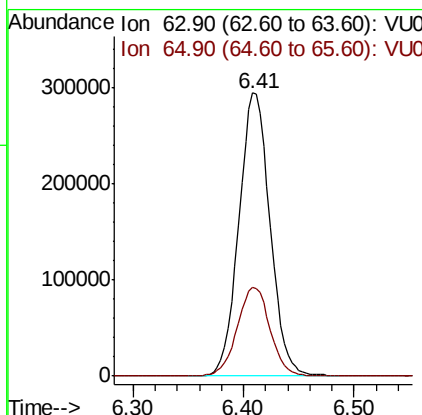
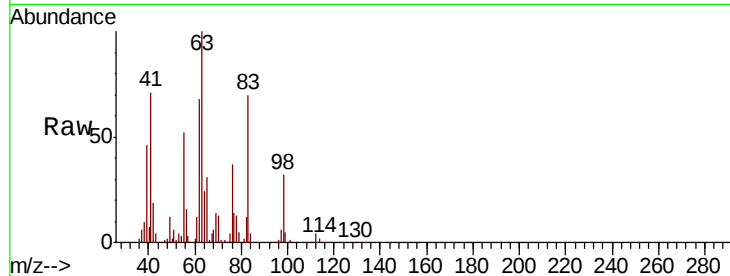




#45
 1,2-Dichloropropane
 Concen: 103.723 ug/l
 RT: 6.41 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: VU034019.D
 Acq: 28 Aug 2019 13:13

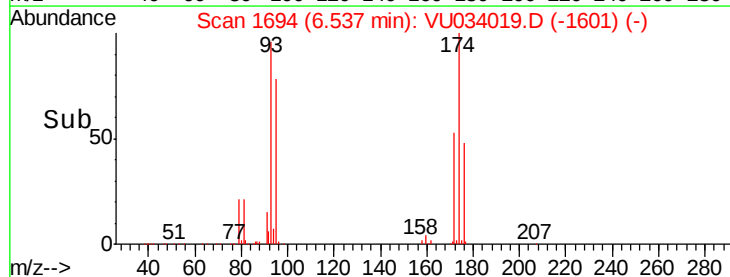
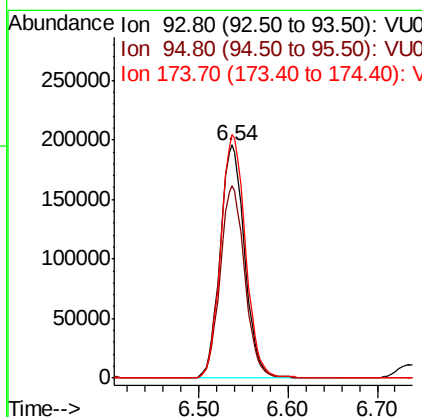
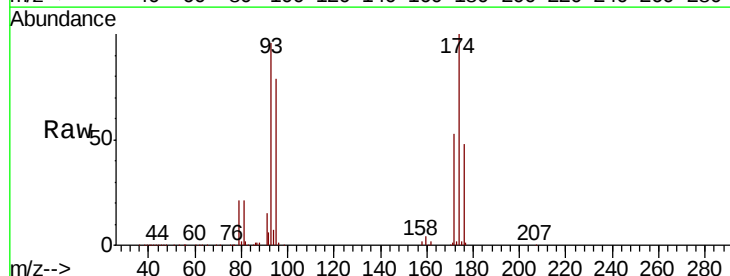
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

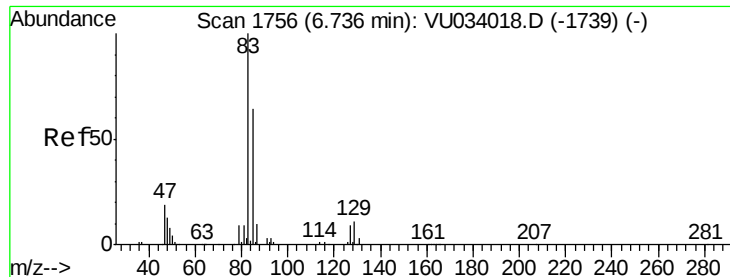
Tgt Ion: 63 Resp: 576231
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.4 38.2



#46
 Dibromomethane
 Concen: 99.562 ug/l
 RT: 6.54 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: VU034019.D
 Acq: 28 Aug 2019 13:13

Tgt Ion: 93 Resp: 371655
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.7 100.1
 174 105.6 84.9 127.3





#47

Bromodichloromethane

Concen: 101.900 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

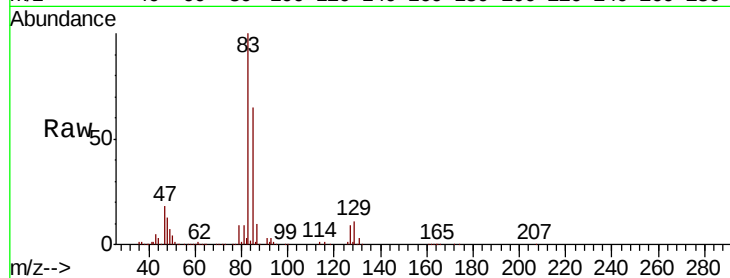
Tgt Ion: 83 Resp: 726974

Ion Ratio Lower Upper

83 100

85 64.7 51.2 76.8

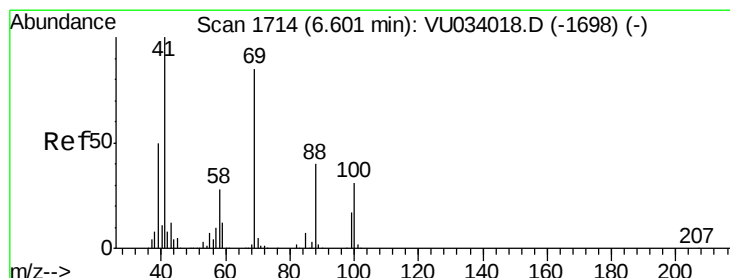
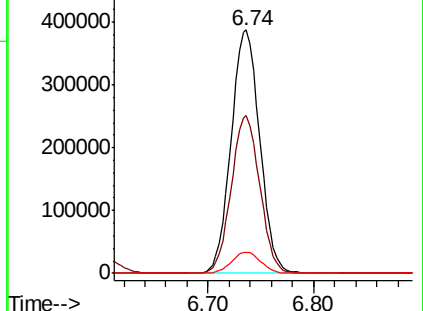
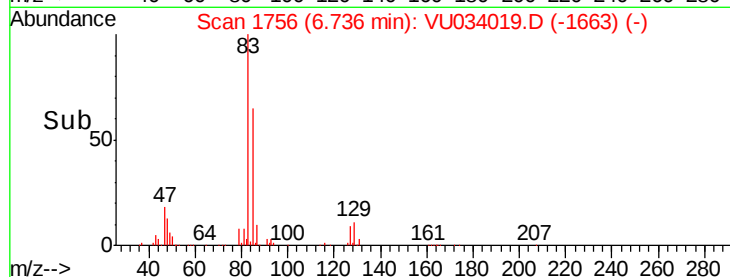
127 8.8 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VU034019.D (-1663) (-)

Ion 84.90 (84.60 to 85.60): VU034019.D (-1663) (-)

Ion 126.80 (126.50 to 127.50): VU034019.D (-1663) (-)



#48

Methyl methacrylate

Concen: 120.878 ug/l

RT: 6.60 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

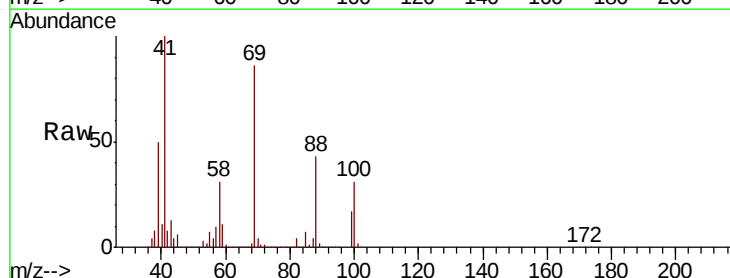
Tgt Ion: 41 Resp: 629953

Ion Ratio Lower Upper

41 100

69 88.2 69.5 104.3

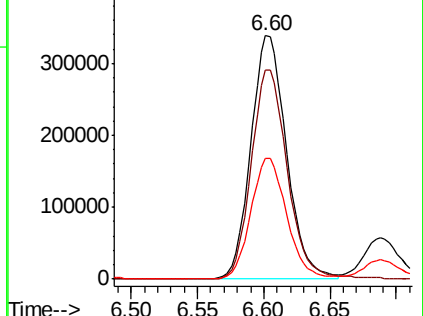
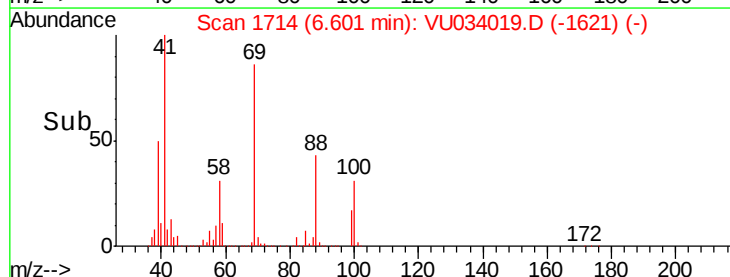
39 49.9 40.3 60.5

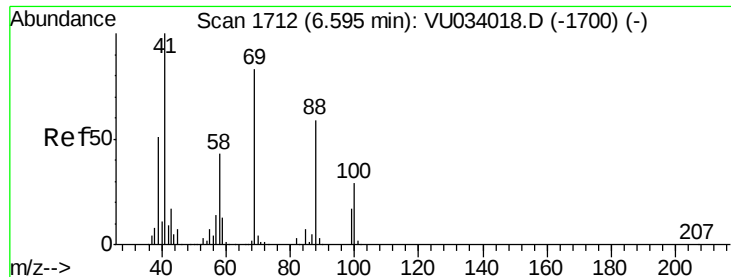


Abundance Ion 41.00 (40.70 to 41.70): VU034019.D (-1621) (-)

Ion 69.00 (68.70 to 69.70): VU034019.D (-1621) (-)

Ion 39.00 (38.70 to 39.70): VU034019.D (-1621) (-)

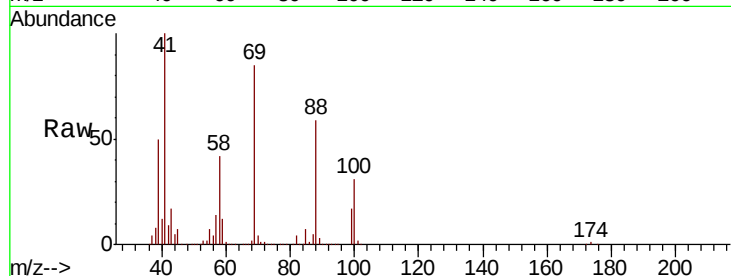




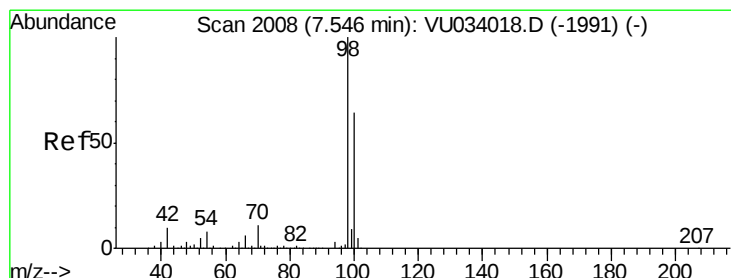
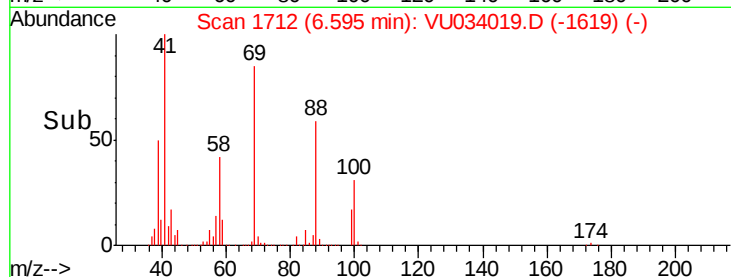
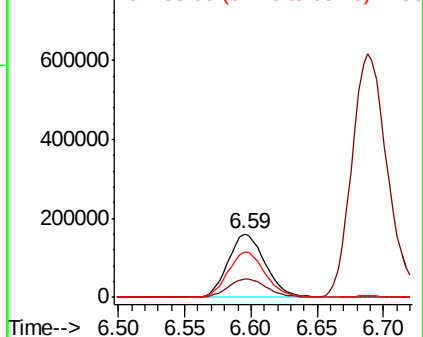
#49
1,4-Dioxane
Concen: 2256.333 ug/l
RT: 6.59 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VU034019.D
Acq: 28 Aug 2019 13:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion: 88 Resp: 310868
Ion Ratio Lower Upper
88 100
43 30.1 24.8 37.2
58 72.3 59.3 88.9

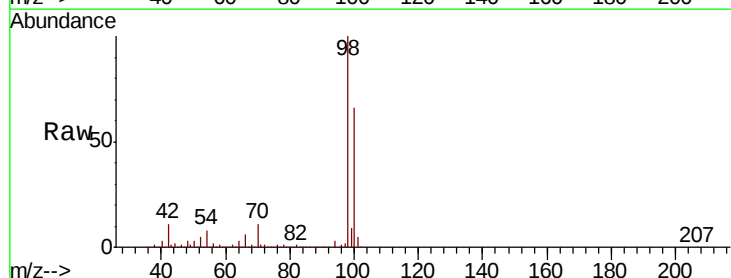


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

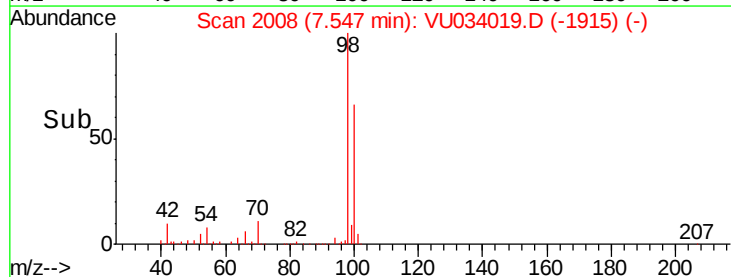
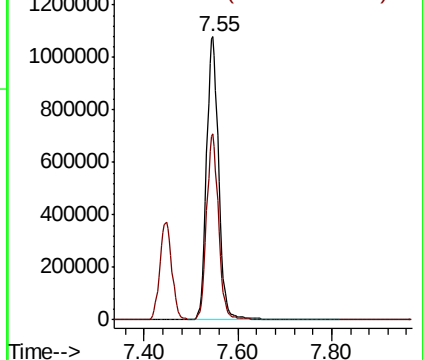


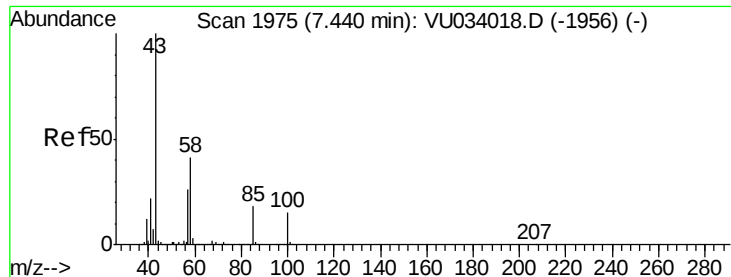
#50
Toluene-d8
Concen: 103.623 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034019.D
Acq: 28 Aug 2019 13:13

Tgt Ion: 98 Resp: 1941787
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

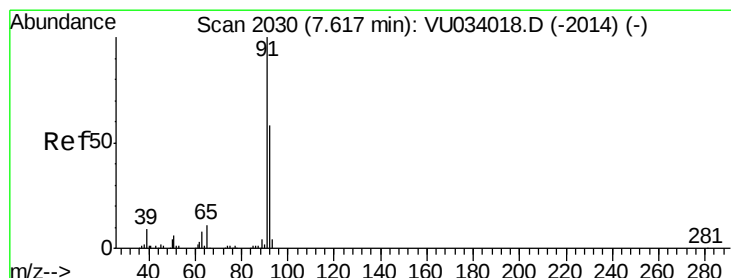
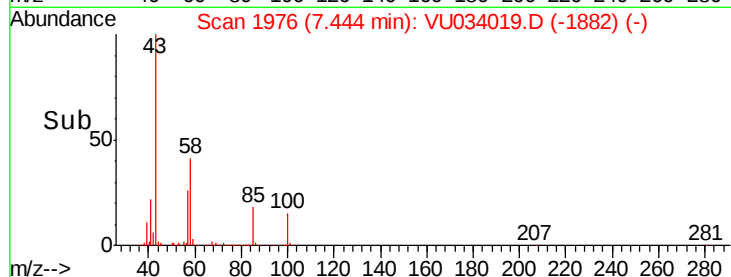
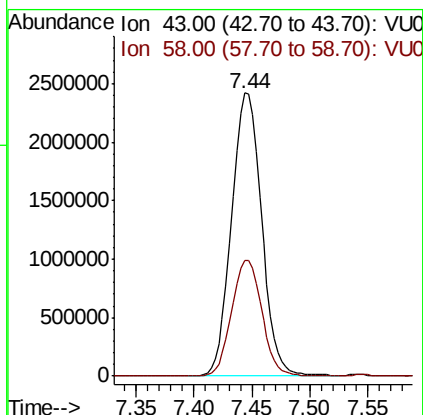
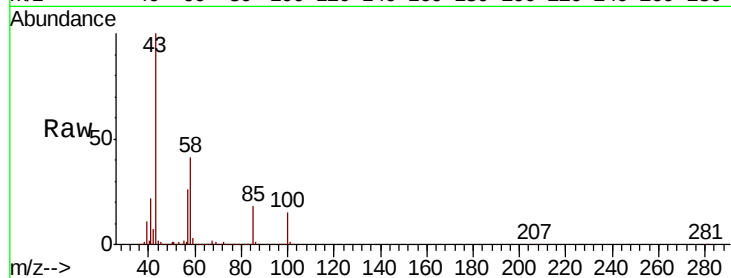




#51
 4-Methyl-2-Pentanone
 Concen: 578.623 ug/l
 RT: 7.44 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VU034019.D
 Acq: 28 Aug 2019 13:13

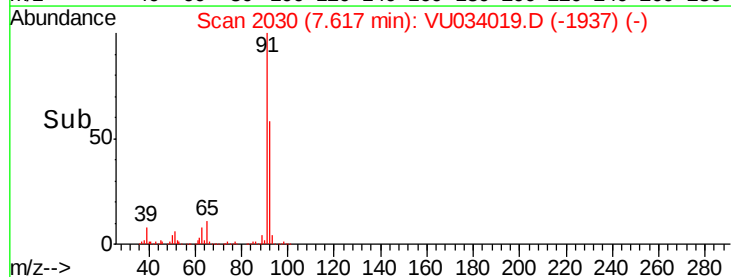
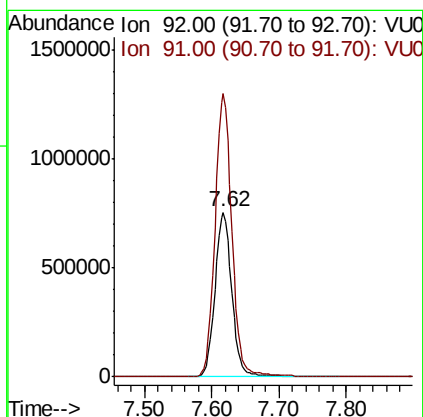
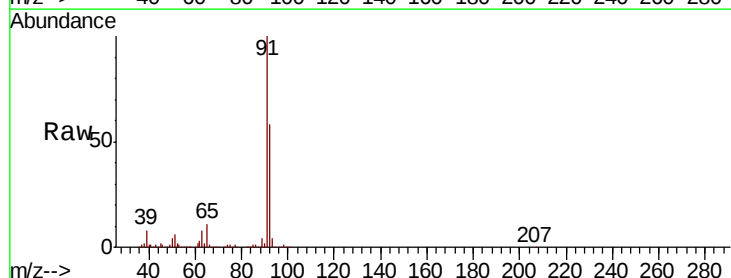
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

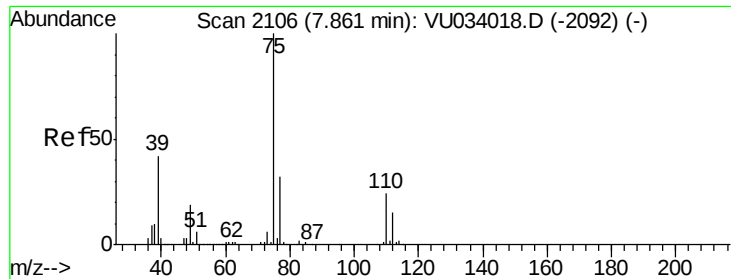
Tgt Ion: 43 Resp: 4347543
 Ion Ratio Lower Upper
 43 100
 58 41.0 32.2 48.4



#52
 Toluene
 Concen: 102.265 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: VU034019.D
 Acq: 28 Aug 2019 13:13

Tgt Ion: 92 Resp: 1326820
 Ion Ratio Lower Upper
 92 100
 91 172.1 138.3 207.5

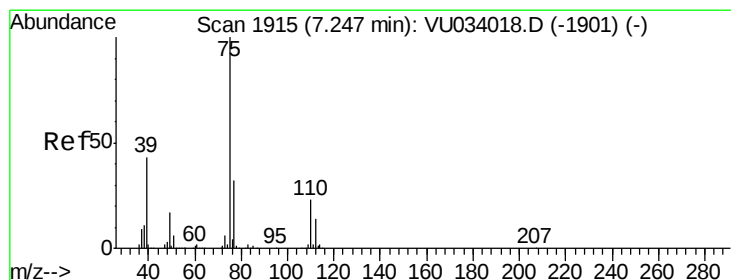
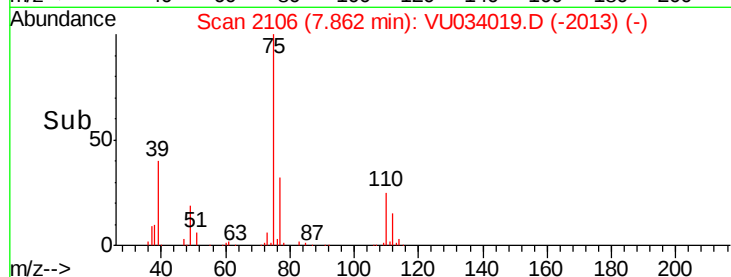
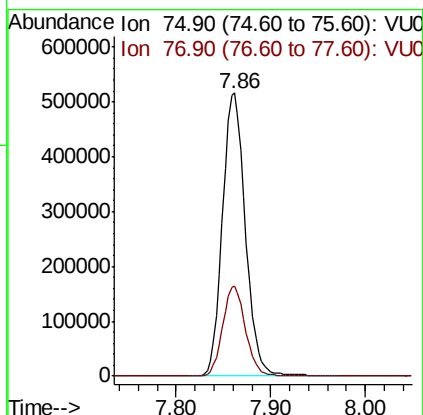
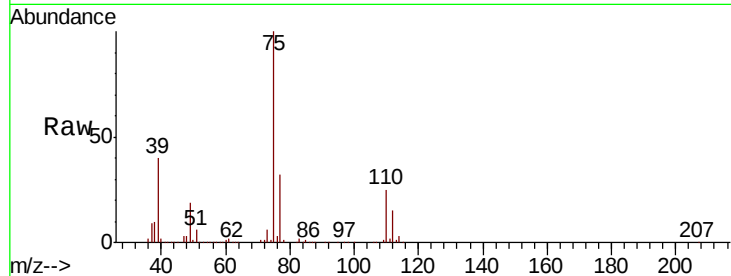




#53
 t-1,3-Dichloropropene
 Concen: 109.697 ug/l
 RT: 7.86 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: VU034019.D
 Acq: 28 Aug 2019 13:13

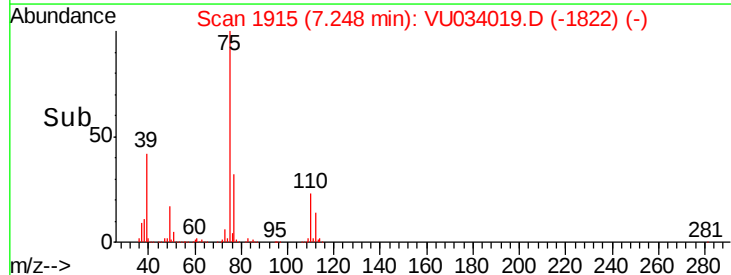
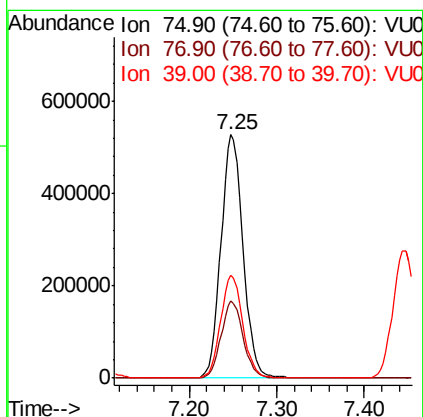
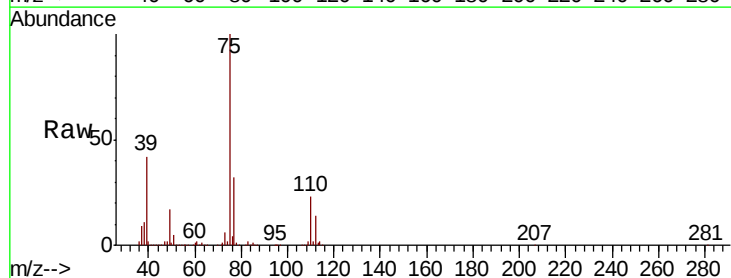
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

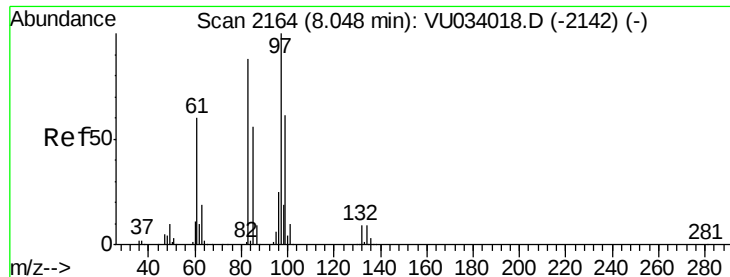
Tgt Ion: 75 Resp: 871935
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 108.264 ug/l
 RT: 7.25 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VU034019.D
 Acq: 28 Aug 2019 13:13

Tgt Ion: 75 Resp: 926266
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.2 37.8
 39 42.1 34.6 51.8





#55

1,1,2-Trichloroethane

Concen: 101.388 ug/l

RT: 8.05 min Scan# 2164

Delta R.T. 0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 558526

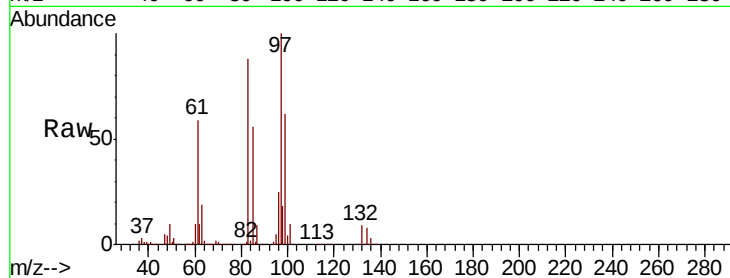
Ion Ratio Lower Upper

97 100

83 87.7 70.1 105.1

85 56.2 45.0 67.4

99 62.4 49.8 74.8

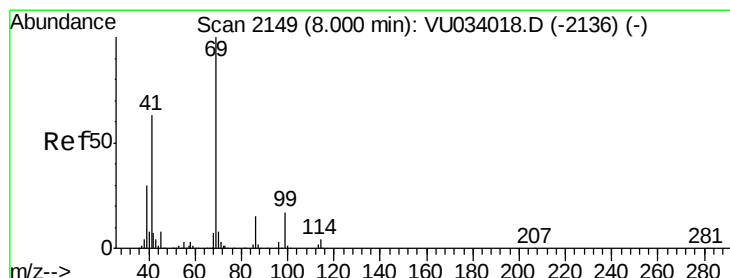
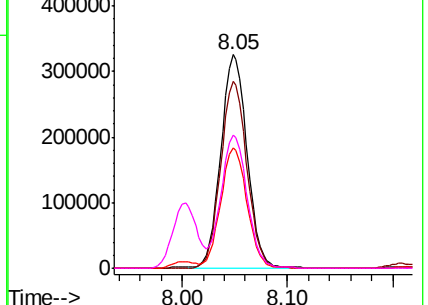
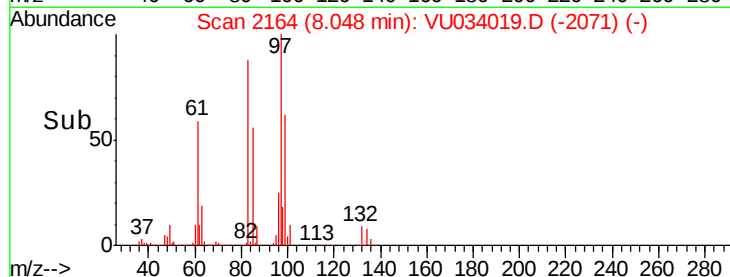


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 98.90 (98.60 to 99.60): VU0



#56

Ethyl methacrylate

Concen: 118.558 ug/l

RT: 8.00 min Scan# 2150

Delta R.T. 0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

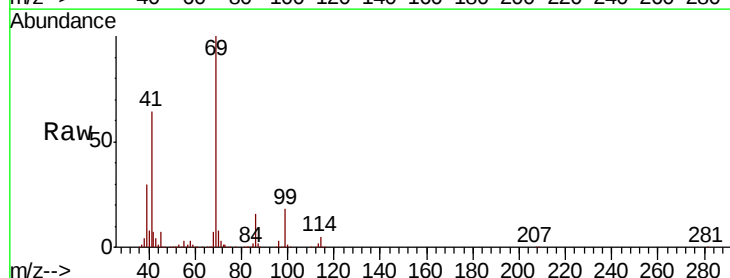
Tgt Ion: 69 Resp: 930613

Ion Ratio Lower Upper

69 100

41 63.1 50.7 76.1

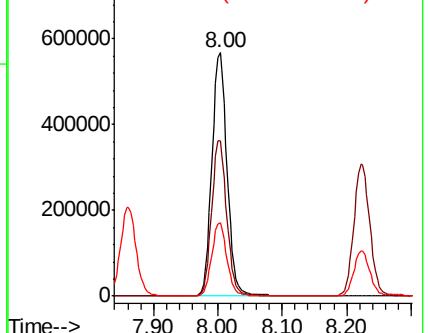
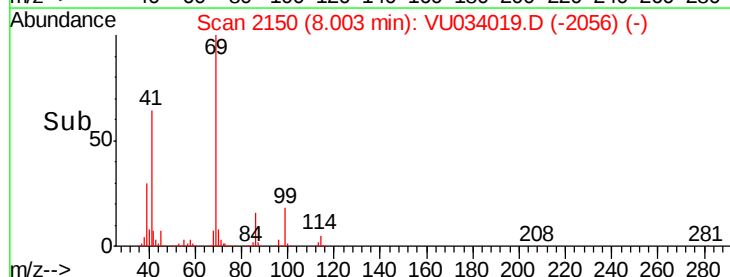
39 29.8 24.2 36.2

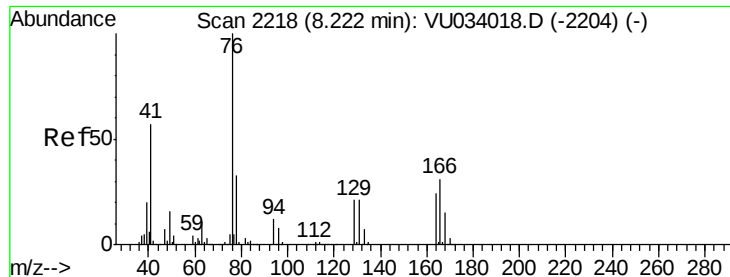


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0





#57

1,3-Dichloropropane

Concen: 106.838 ug/l

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

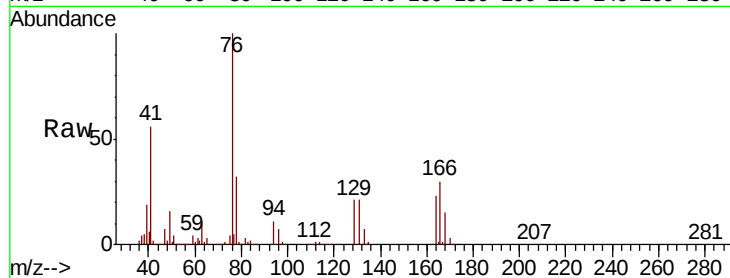
VSTDIC100

Tgt Ion: 76 Resp: 957265

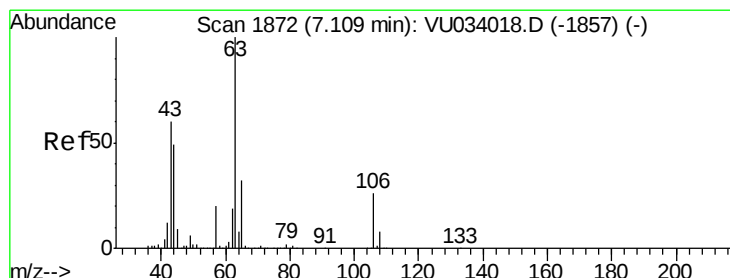
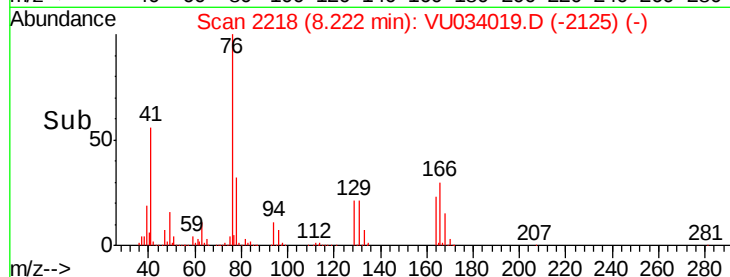
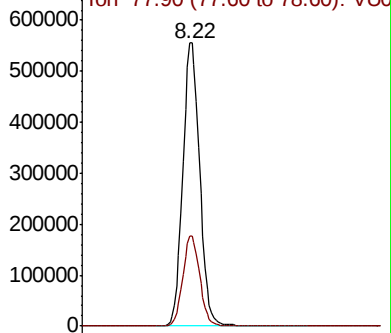
Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VU034019.D (-2125) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 405.958 ug/l

RT: 7.11 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VU034019.D

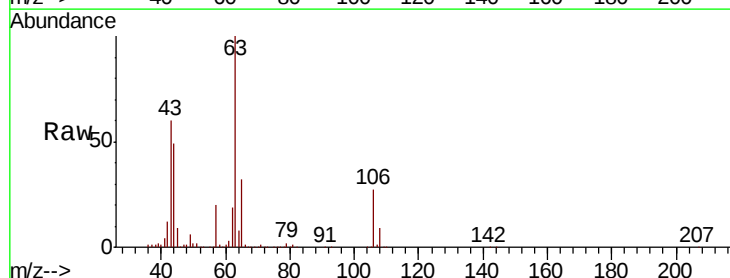
Acq: 28 Aug 2019 13:13

Tgt Ion: 63 Resp: 1172146

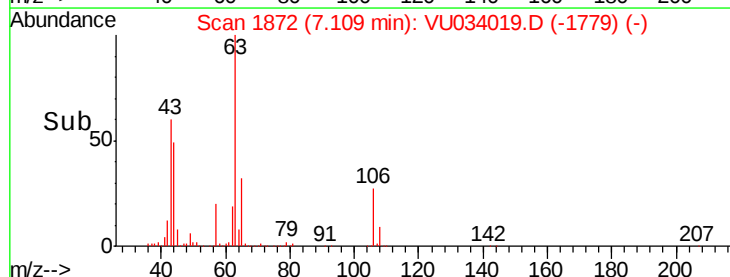
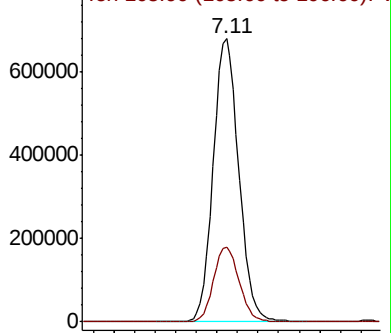
Ion Ratio Lower Upper

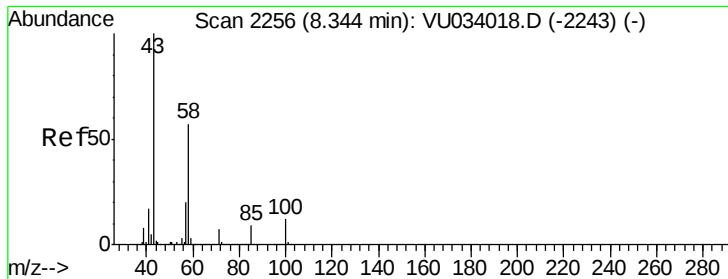
63 100

106 26.6 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VU034019.D (-1779) (-)

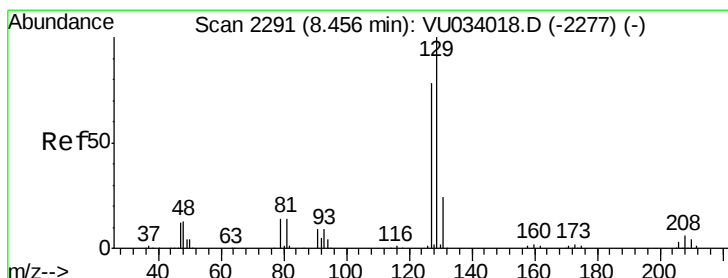
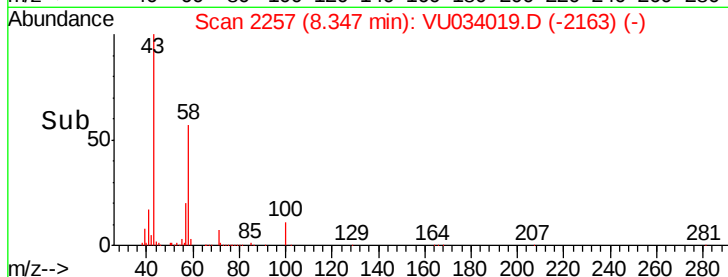
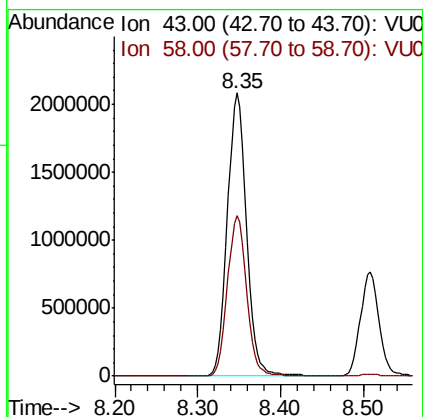
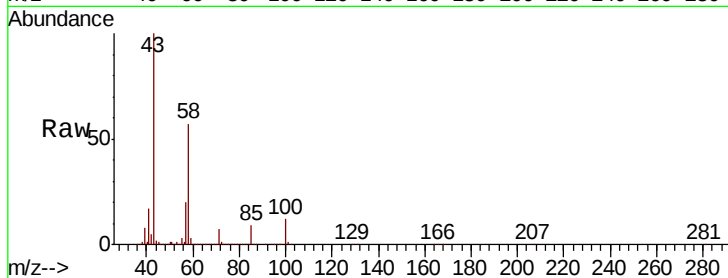




#59
2-Hexanone
Concen: 579.365 ug/l
RT: 8.35 min Scan# 2257
Delta R.T. 0.00 min
Lab File: VU034019.D
Acq: 28 Aug 2019 13:13

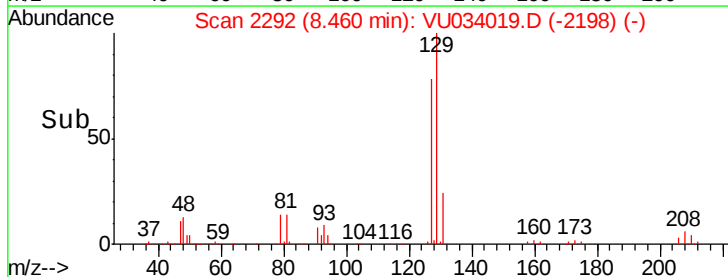
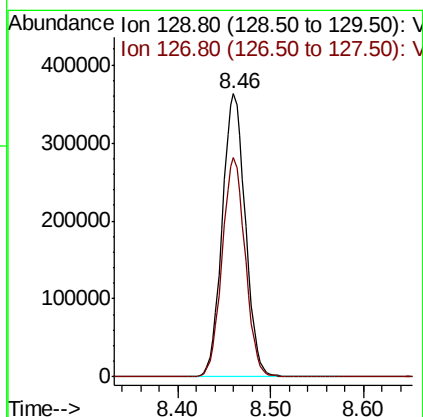
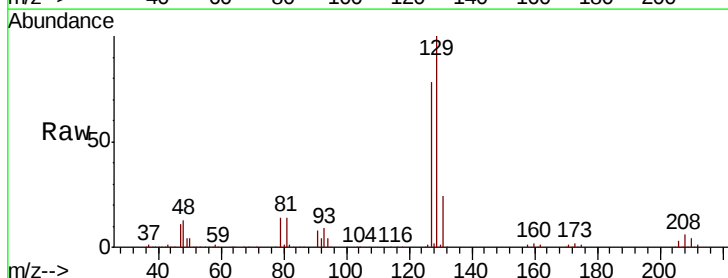
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

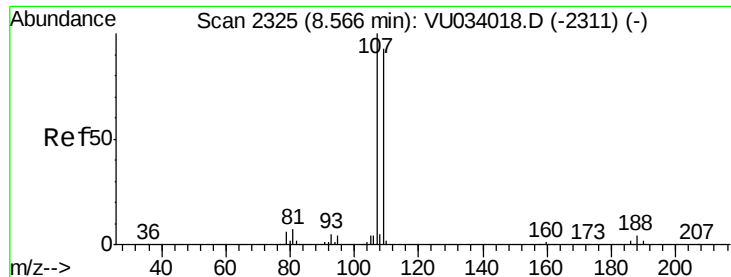
Tgt Ion: 43 Resp: 3342976
Ion Ratio Lower Upper
43 100
58 57.1 28.4 85.3



#60
Dibromochloromethane
Concen: 102.460 ug/l
RT: 8.46 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU034019.D
Acq: 28 Aug 2019 13:13

Tgt Ion: 129 Resp: 627472
Ion Ratio Lower Upper
129 100
127 77.2 39.0 116.9

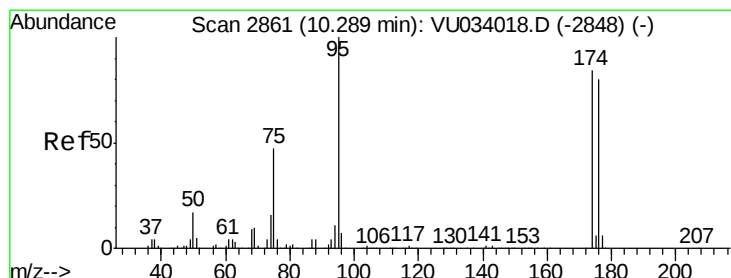
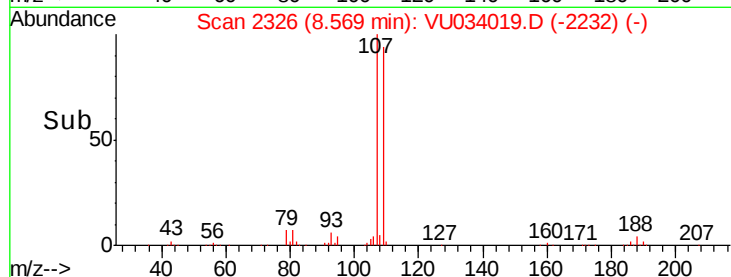
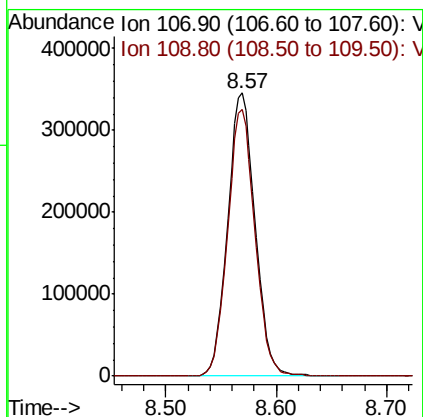
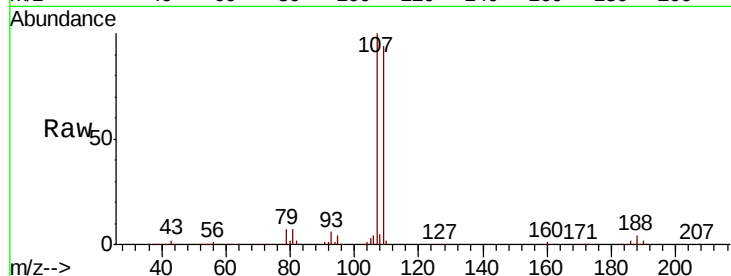




#61
 1,2-Dibromoethane
 Concen: 102.739 ug/l
 RT: 8.57 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU034019.D
 Acq: 28 Aug 2019 13:13

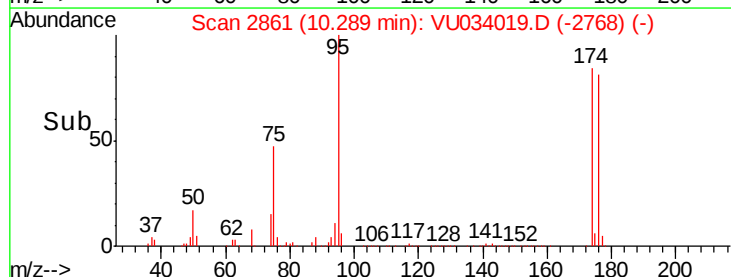
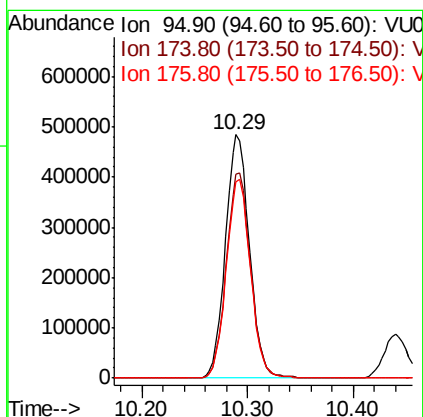
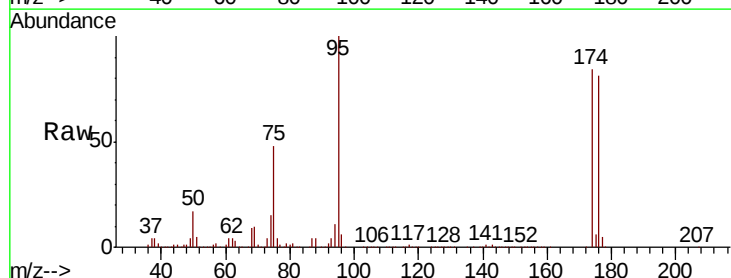
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

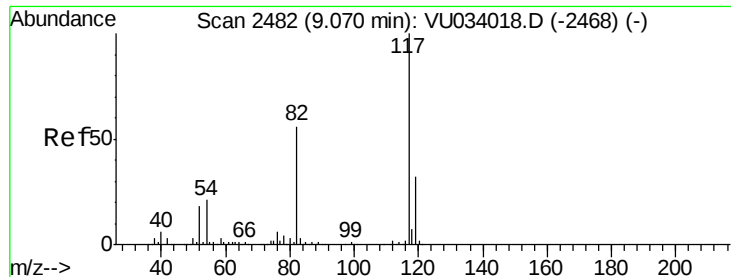
Tgt Ion: 107 Resp: 593877
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 105.129 ug/l
 RT: 10.29 min Scan# 2861
 Delta R.T. 0.00 min
 Lab File: VU034019.D
 Acq: 28 Aug 2019 13:13

Tgt Ion: 95 Resp: 761960
 Ion Ratio Lower Upper
 95 100
 174 85.0 0.0 168.8
 176 82.2 0.0 161.8

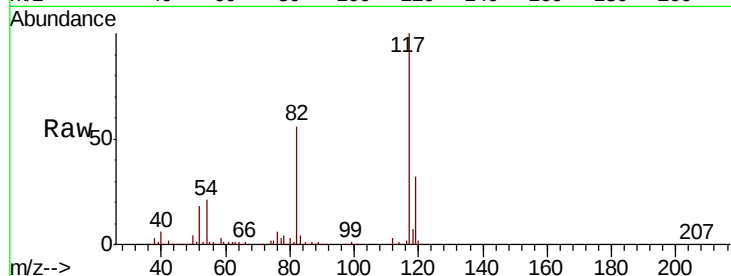




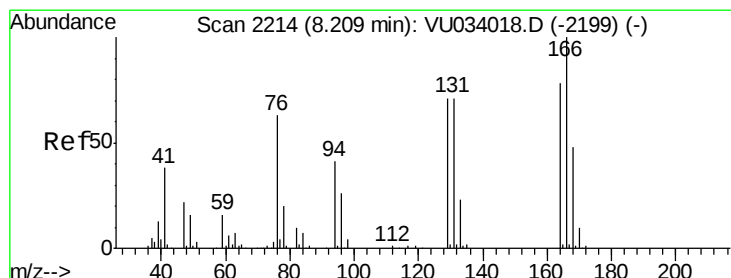
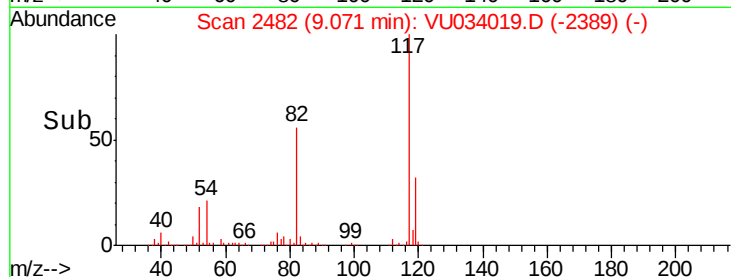
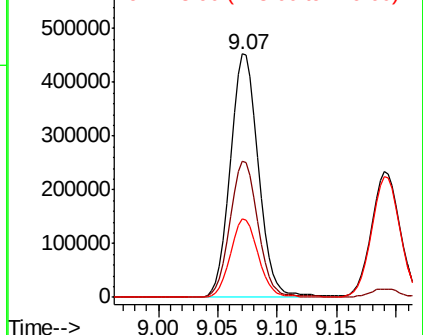
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034019.D
Acq: 28 Aug 2019 13:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 744174
Ion Ratio Lower Upper
117 100
82 55.7 45.1 67.7
119 32.2 25.4 38.0

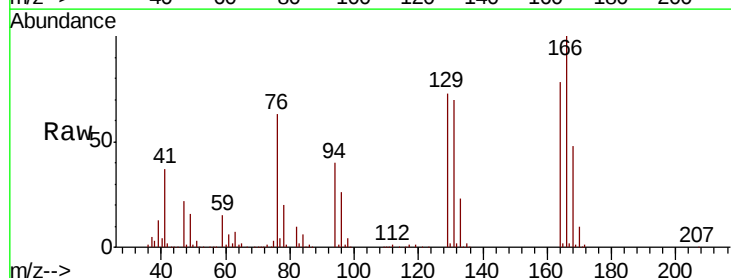


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

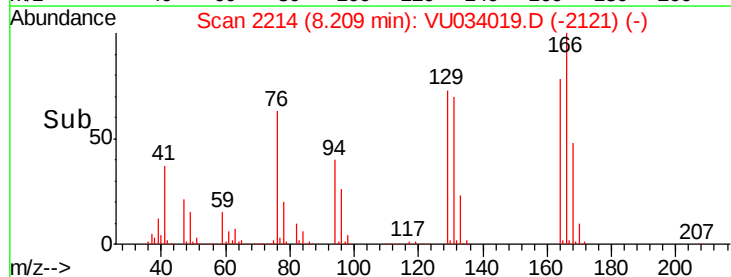
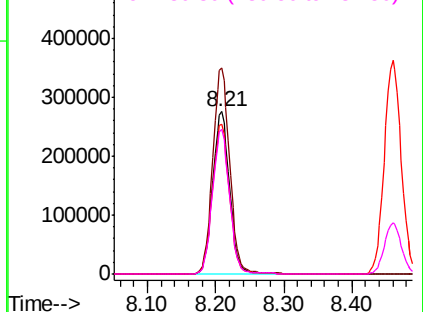


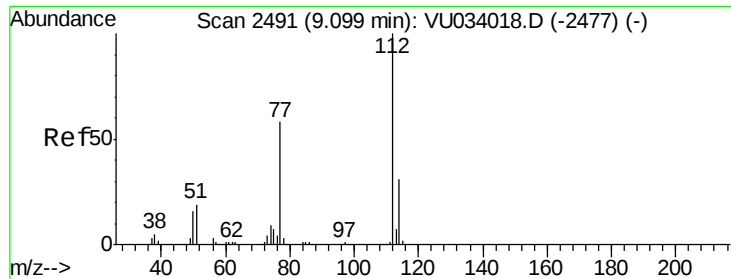
#64
Tetrachloroethene
Concen: 81.053 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU034019.D
Acq: 28 Aug 2019 13:13

Tgt Ion:164 Resp: 476788
Ion Ratio Lower Upper
164 100
166 127.5 102.2 153.2
129 92.5 72.4 108.6
131 88.9 72.1 108.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

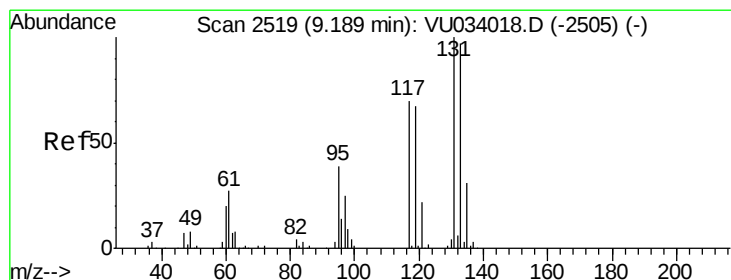
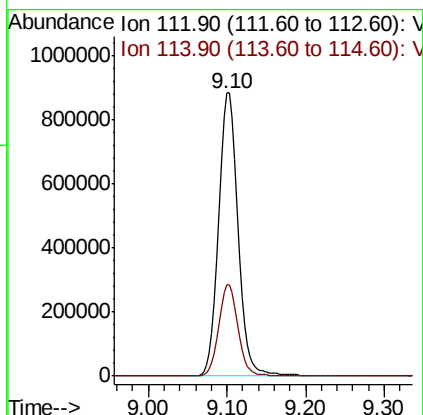
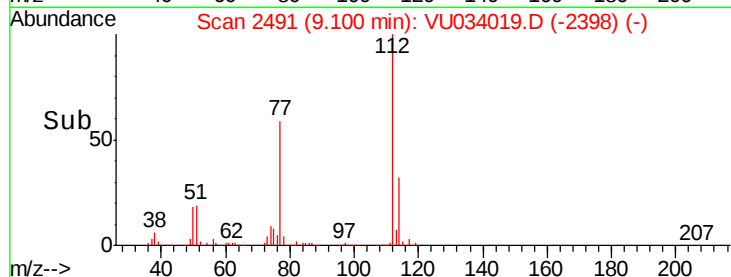
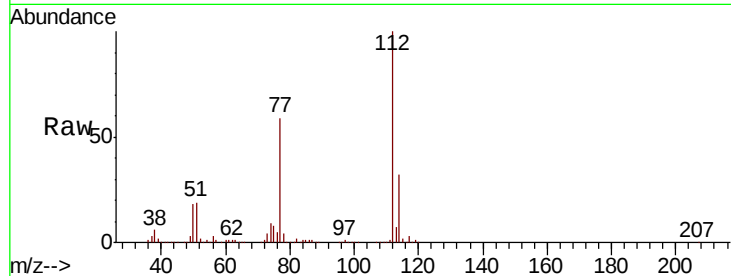




#65
Chlorobenzene
Concen: 96.854 ug/l
RT: 9.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: VU034019.D
Acq: 28 Aug 2019 13:13

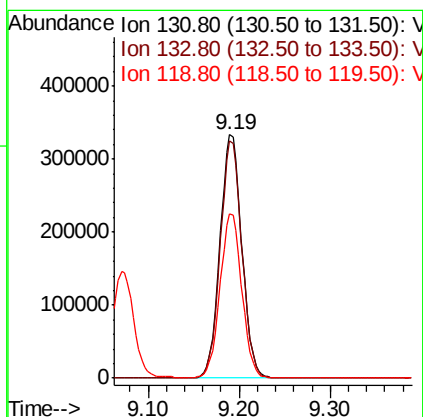
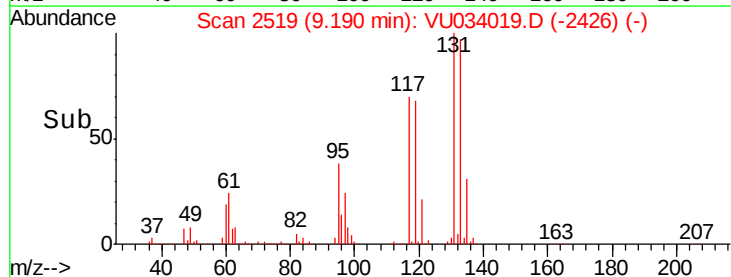
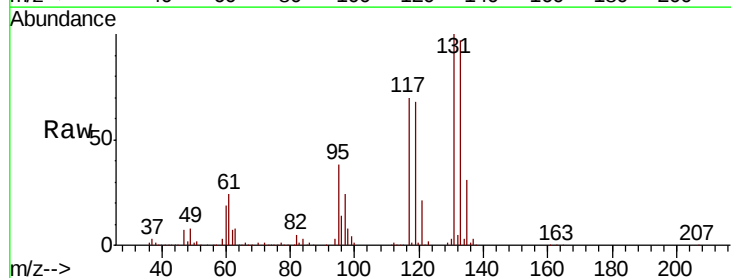
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

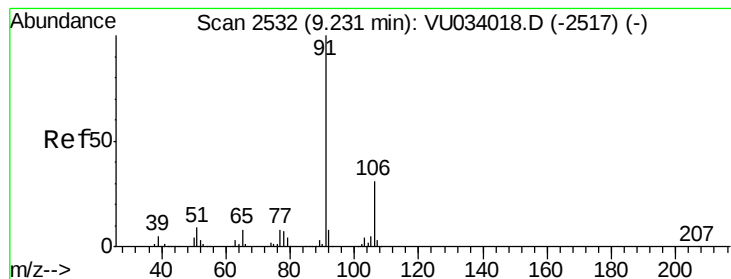
Tgt Ion:112 Resp: 1506039
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 96.530 ug/l
RT: 9.19 min Scan# 2519
Delta R.T. 0.00 min
Lab File: VU034019.D
Acq: 28 Aug 2019 13:13

Tgt Ion:131 Resp: 554656
Ion Ratio Lower Upper
131 100
133 96.7 48.4 145.2
119 67.3 33.6 100.6





#67

Ethyl Benzene

Concen: 101.554 ug/l

RT: 9.23 min Scan# 2532

Delta R.T. 0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

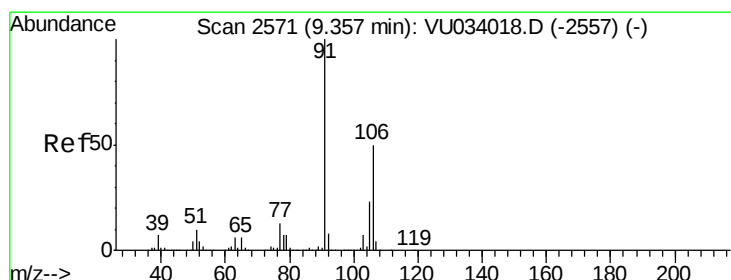
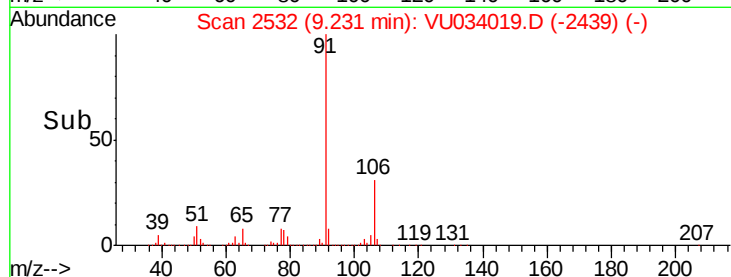
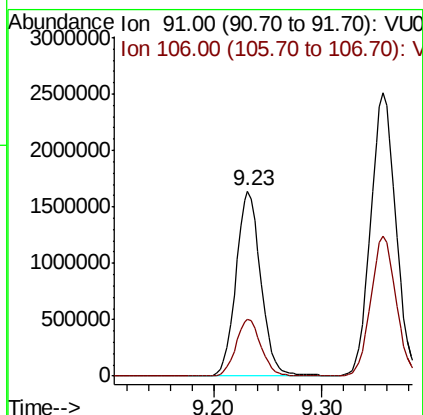
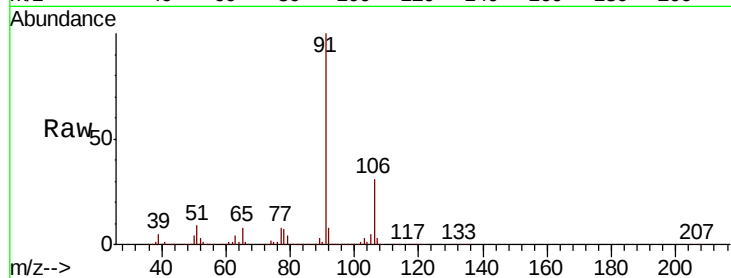
VSTDIC100

Tgt Ion: 91 Resp: 2646777

Ion Ratio Lower Upper

91 100

106 30.9 24.9 37.3



#68

m/p-Xylenes

Concen: 201.239 ug/l

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

Lab File: VU034019.D

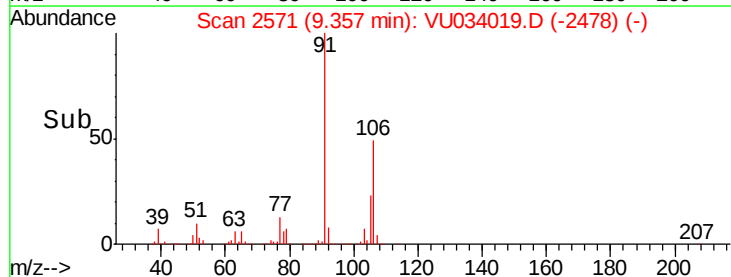
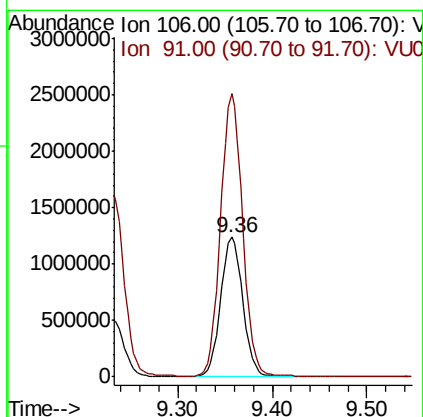
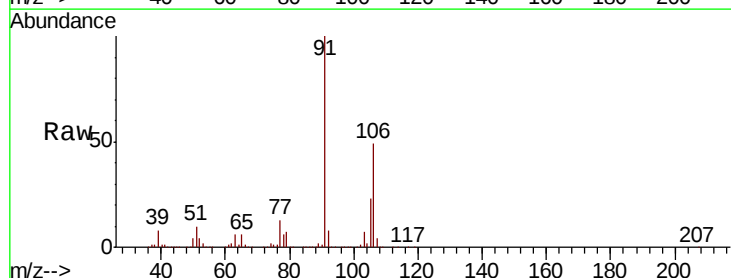
Acq: 28 Aug 2019 13:13

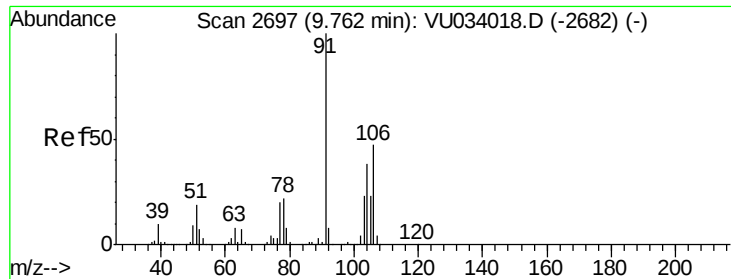
Tgt Ion: 106 Resp: 2016703

Ion Ratio Lower Upper

106 100

91 202.2 161.6 242.4

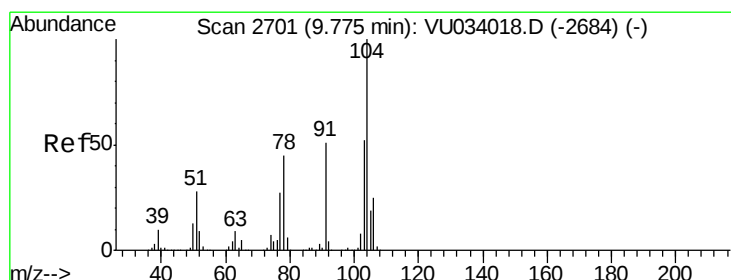
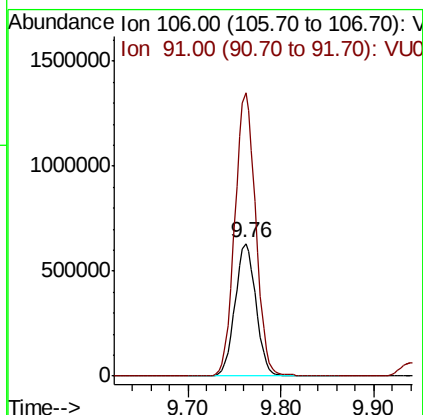
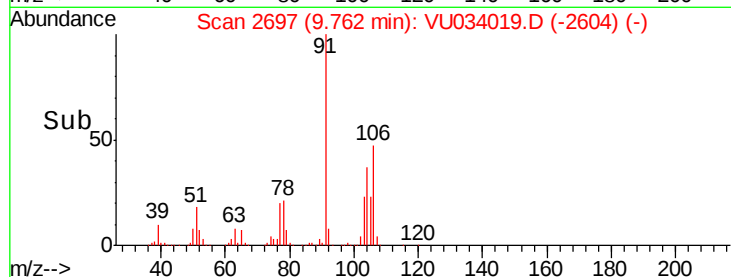
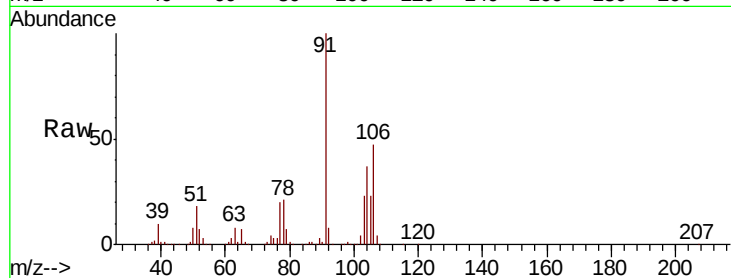




#69
o-Xylene
Concen: 102.836 ug/l
RT: 9.76 min Scan# 2697
Delta R.T. 0.00 min
Lab File: VU034019.D
Acq: 28 Aug 2019 13:13

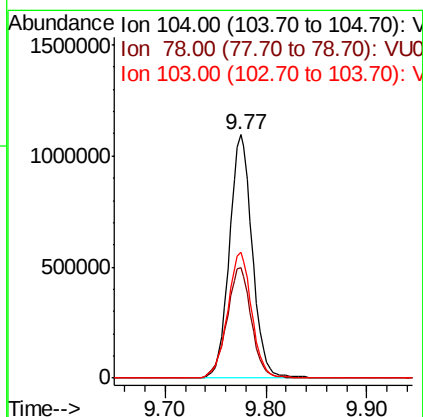
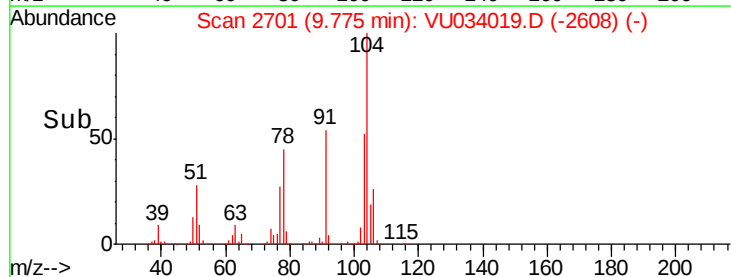
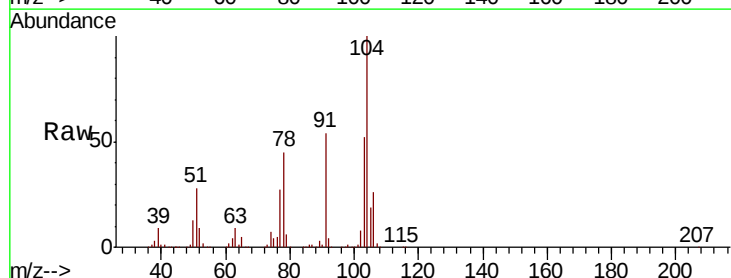
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

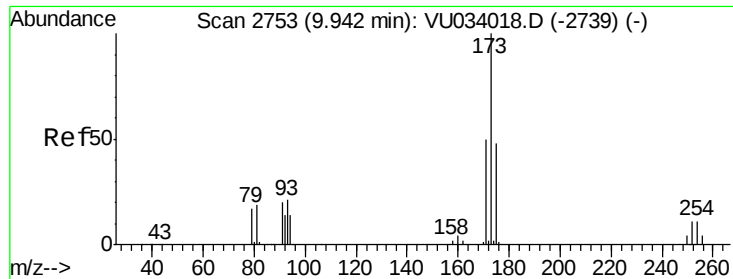
Tgt Ion:106 Resp: 987715
Ion Ratio Lower Upper
106 100
91 213.1 106.0 318.0



#70
Styrene
Concen: 105.659 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU034019.D
Acq: 28 Aug 2019 13:13

Tgt Ion:104 Resp: 1737580
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.4
103 54.9 44.0 66.0





#71

Bromoform

Concen: 98.245 ug/l

RT: 9.94 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

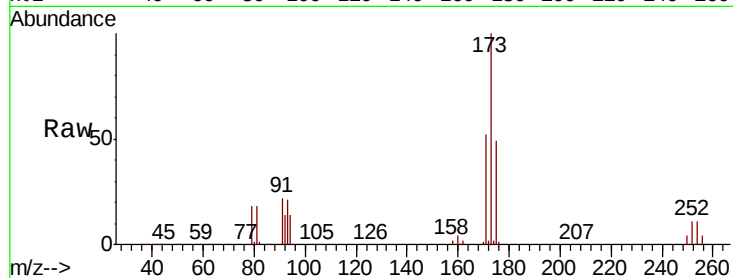
Tgt Ion:173 Resp: 499697

Ion Ratio Lower Upper

173 100

175 48.2 24.6 73.6

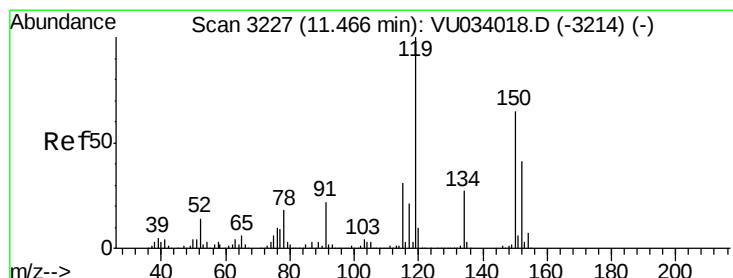
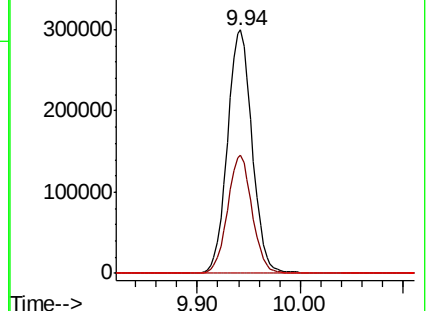
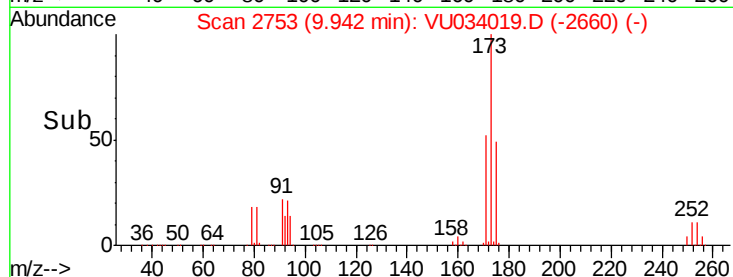
254 0.2 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

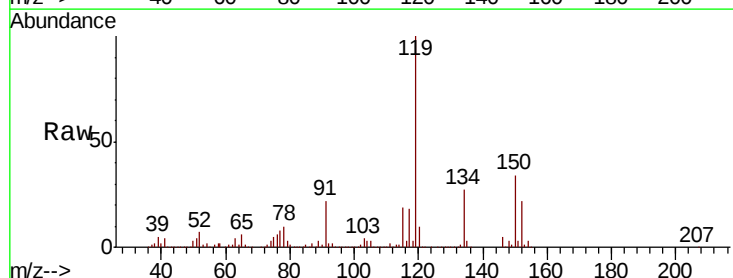
Tgt Ion:152 Resp: 394905

Ion Ratio Lower Upper

152 100

115 100.6 41.1 123.3

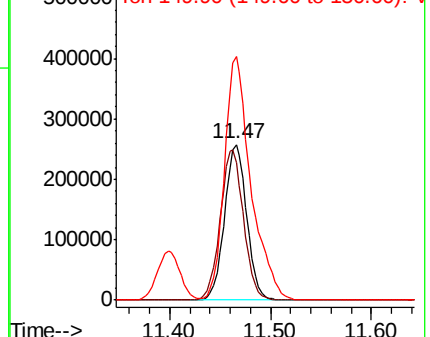
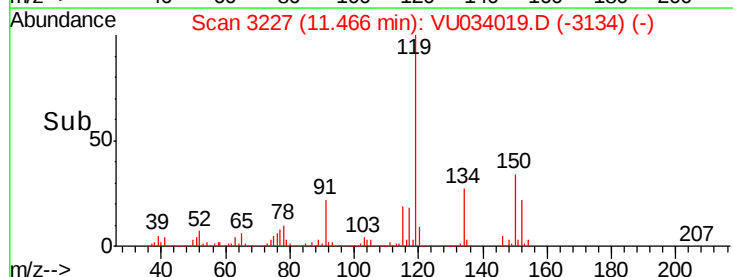
150 186.2 0.0 348.8

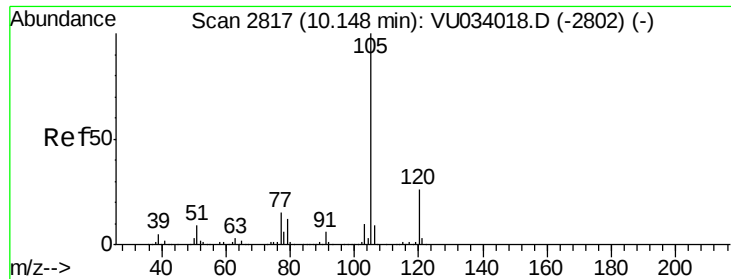


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 102.729 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

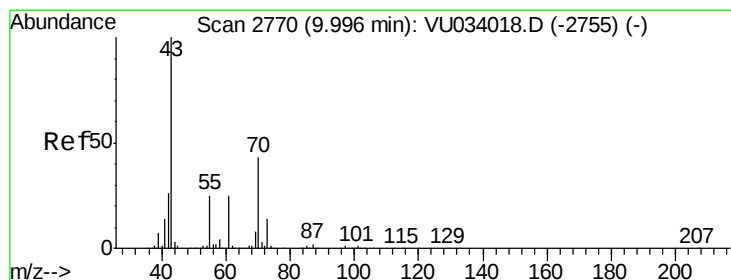
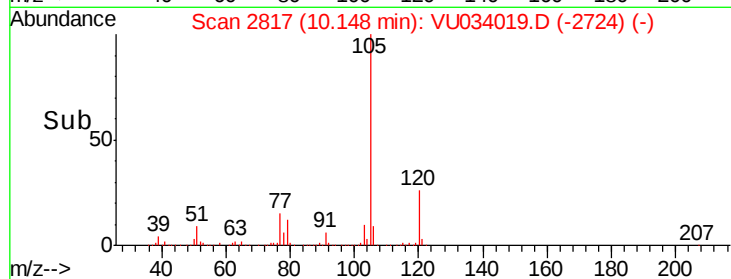
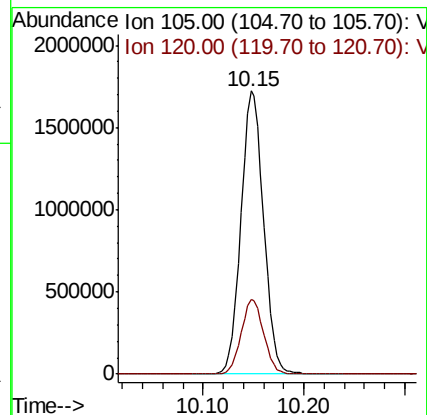
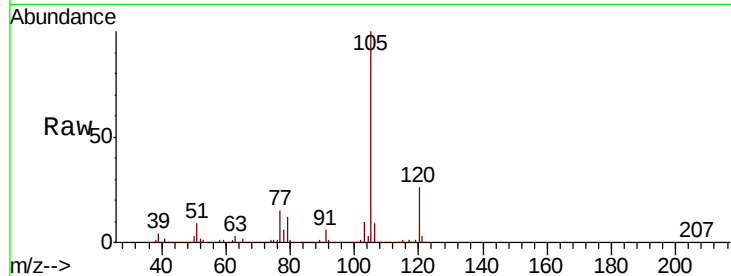
VSTDIC100

Tgt Ion:105 Resp: 2677907

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



#74

N-ethyl acetate

Concen: 119.733 ug/l

RT: 10.00 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

Tgt Ion: 43 Resp: 1199676

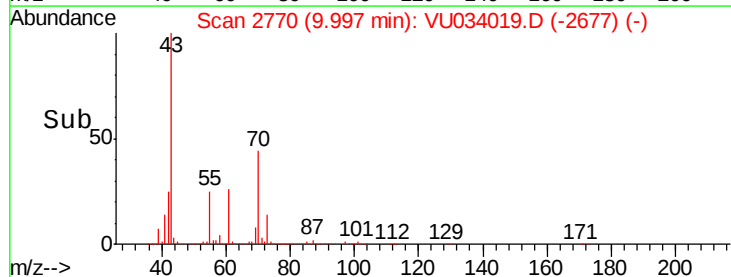
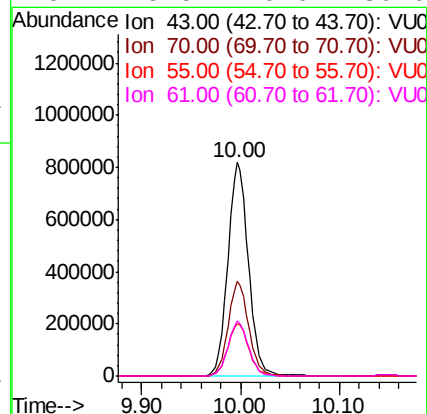
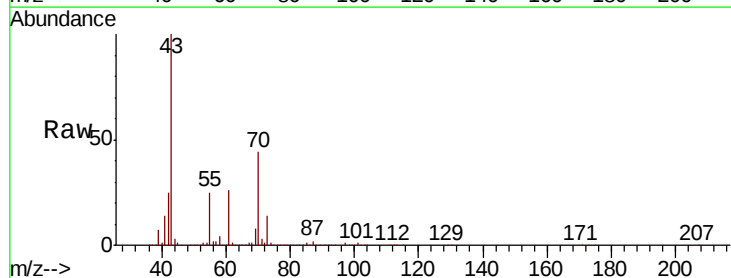
Ion Ratio Lower Upper

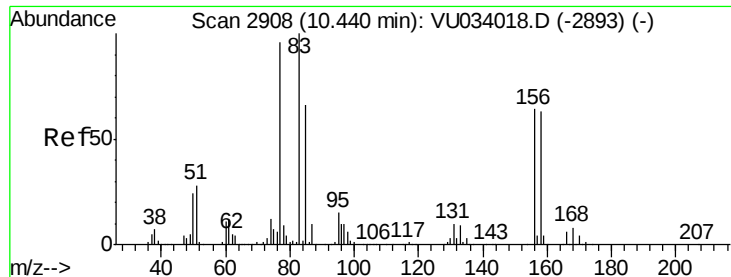
43 100

70 44.1 35.2 52.8

55 25.2 20.5 30.7

61 25.5 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 99.542 ug/l

RT: 10.44 min Scan# 2908

Delta R.T. 0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

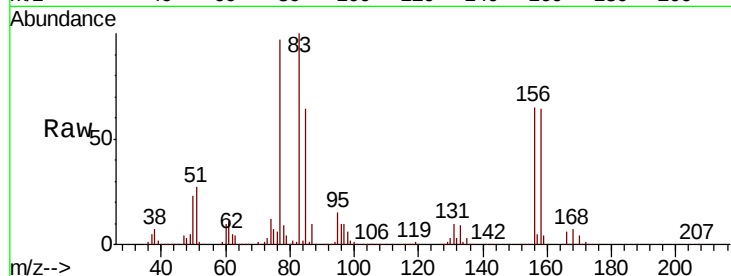
Tgt Ion: 83 Resp: 943218

Ion Ratio Lower Upper

83 100

131 10.1 5.0 14.9

85 64.5 32.2 96.6

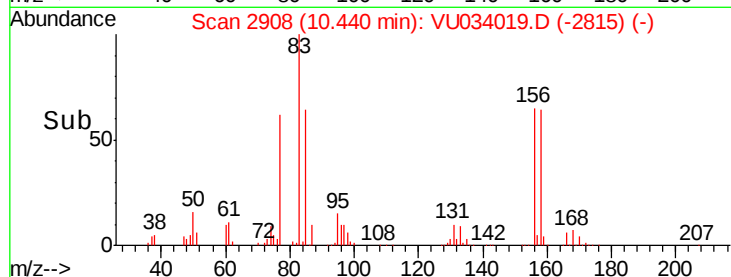


Abundance Ion 82.90 (82.60 to 83.60): VU034019.D (-2893) (-)

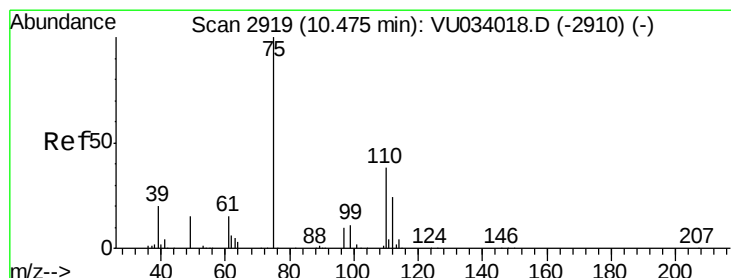
Ion 130.80 (130.50 to 131.50): VU034019.D (-2893) (-)

Ion 84.90 (84.60 to 85.60): VU034019.D (-2893) (-)

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 133.892 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. 0.00 min

Lab File: VU034019.D

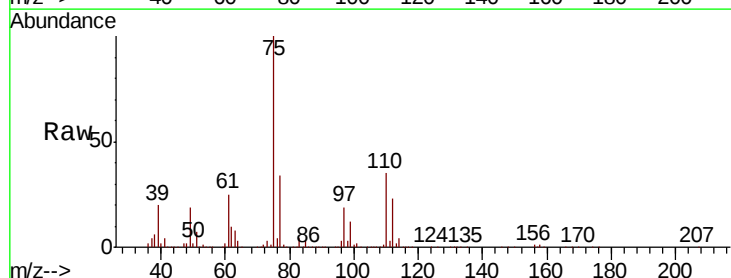
Acq: 28 Aug 2019 13:13

Tgt Ion: 75 Resp: 1087317

Ion Ratio Lower Upper

75 100

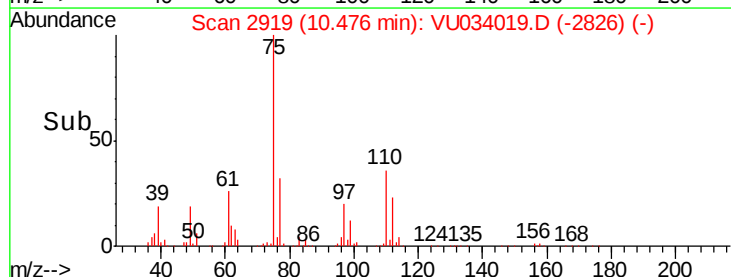
77 30.9 20.1 60.2



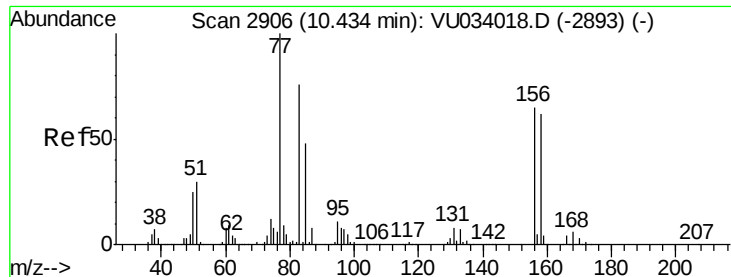
Abundance Ion 74.90 (74.60 to 75.60): VU034019.D (-2826) (-)

Ion 77.00 (76.70 to 77.70): VU034019.D (-2826) (-)

Time-->



Time-->



#77

Bromobenzene

Concen: 94.862 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. 0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

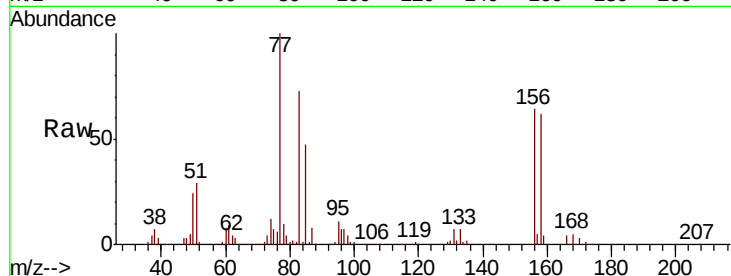
Tgt Ion:156 Resp: 692324

Ion Ratio Lower Upper

156 100

77 154.3 76.8 230.5

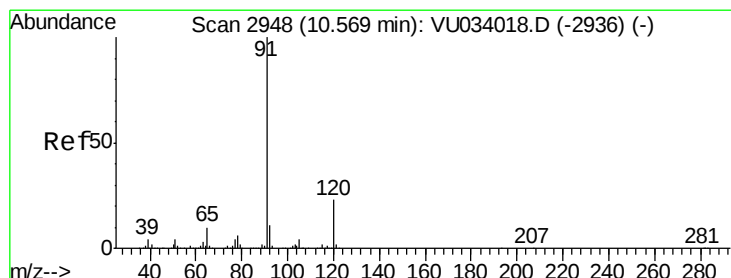
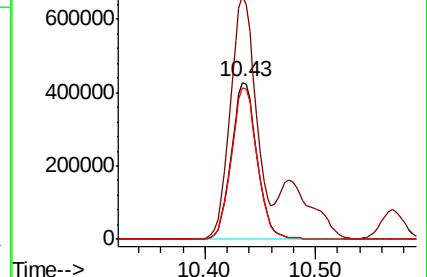
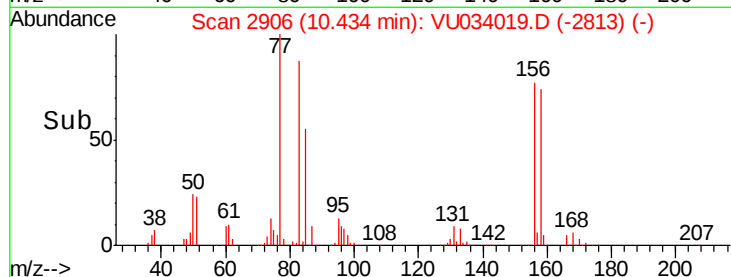
158 97.1 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 105.642 ug/l

RT: 10.57 min Scan# 2948

Delta R.T. 0.00 min

Lab File: VU034019.D

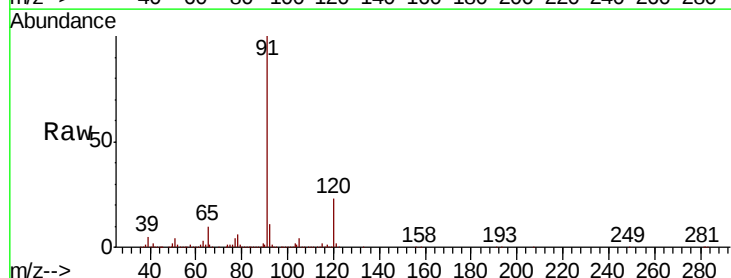
Acq: 28 Aug 2019 13:13

Tgt Ion: 91 Resp: 3135548

Ion Ratio Lower Upper

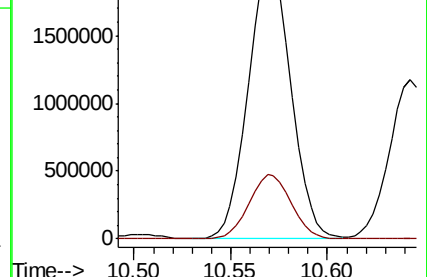
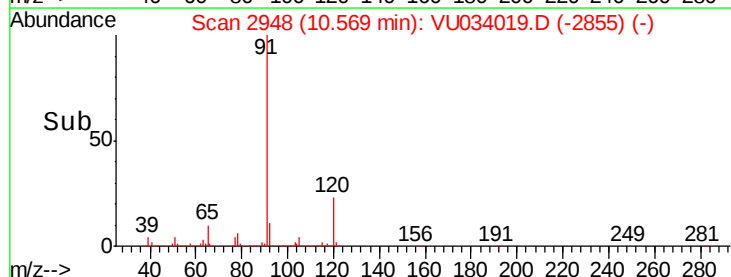
91 100

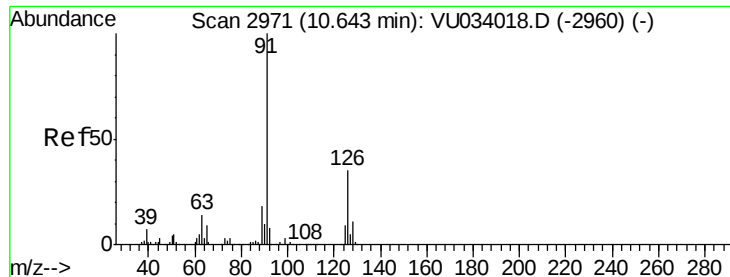
120 23.0 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 101.477 ug/l

RT: 10.64 min Scan# 2971

Delta R.T. 0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

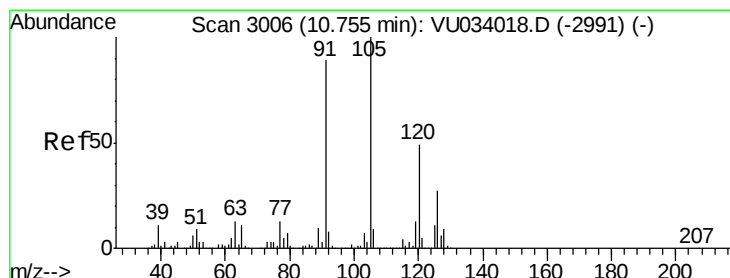
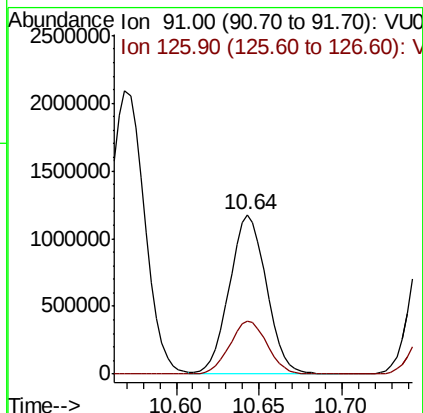
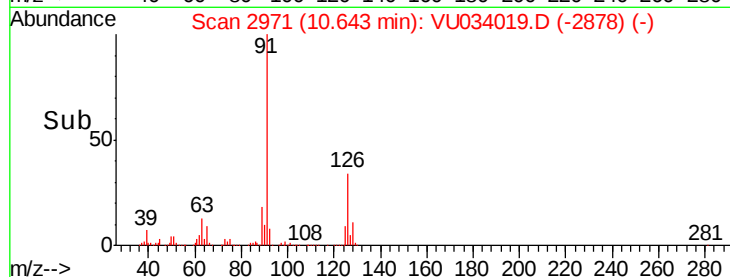
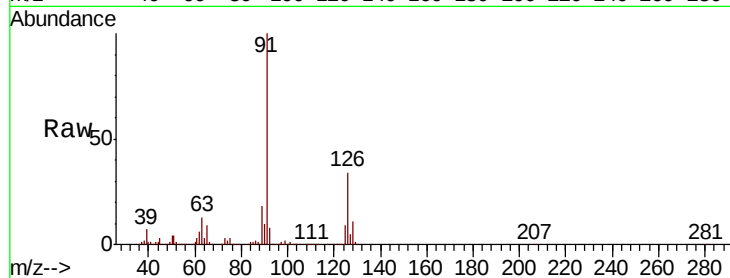
VSTDIC100

Tgt Ion: 91 Resp: 1819072

Ion Ratio Lower Upper

91 100

126 34.1 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 103.316 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VU034019.D

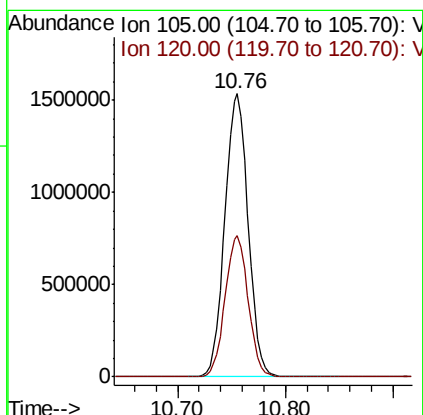
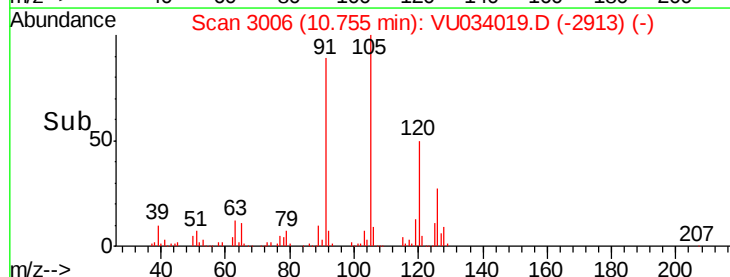
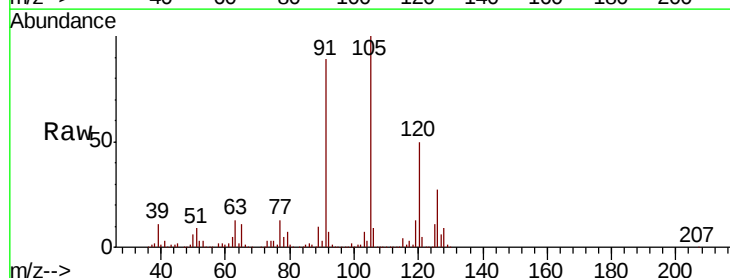
Acq: 28 Aug 2019 13:13

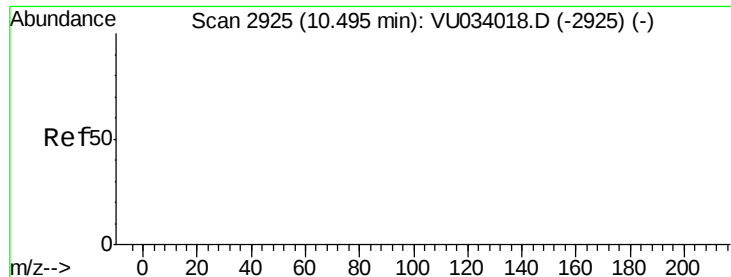
Tgt Ion: 105 Resp: 2303997

Ion Ratio Lower Upper

105 100

120 49.4 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 398.086 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. -0.02 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

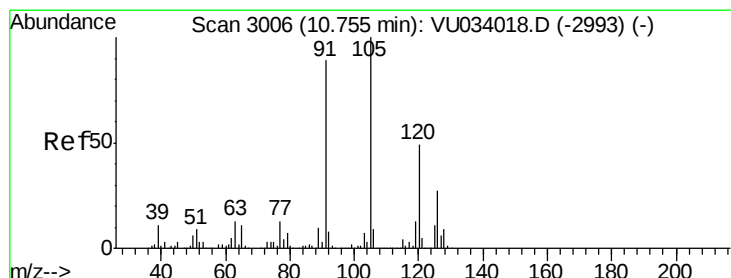
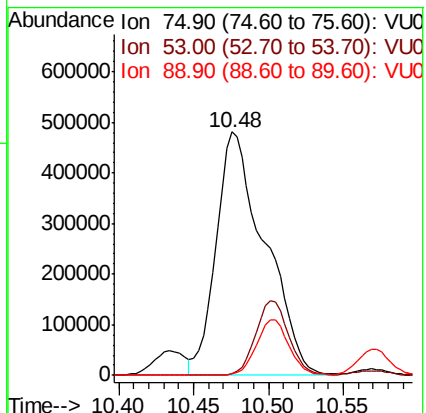
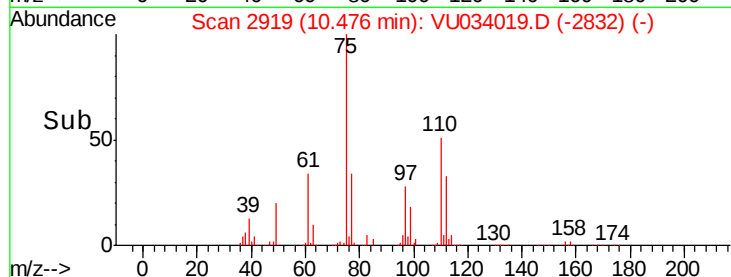
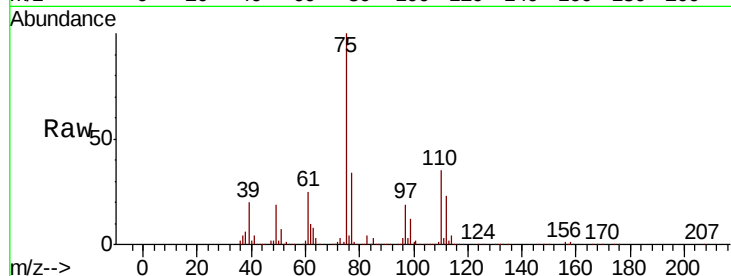
Tgt Ion: 75 Resp: 1087317

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 102.574 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VU034019.D

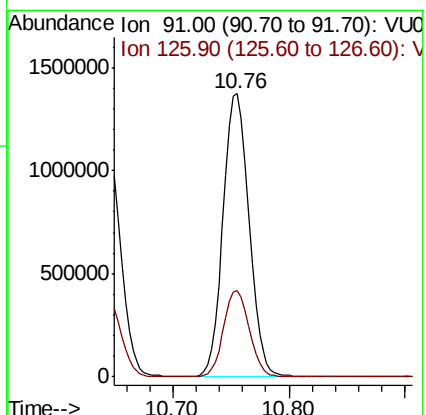
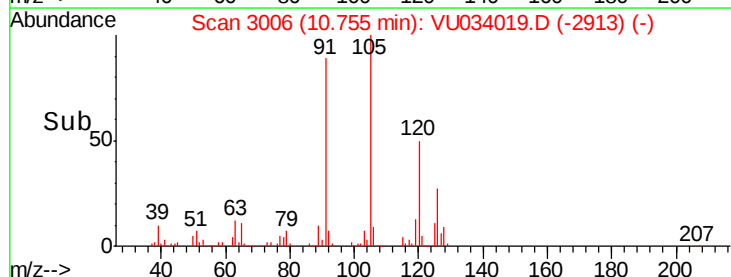
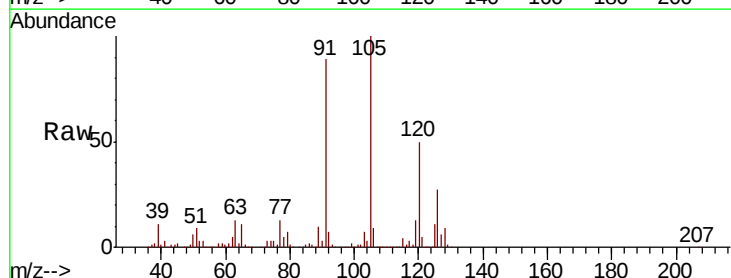
Acq: 28 Aug 2019 13:13

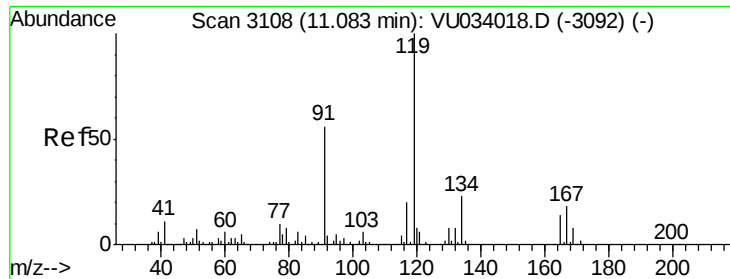
Tgt Ion: 91 Resp: 2122789

Ion Ratio Lower Upper

91 100

126 30.4 15.0 45.1

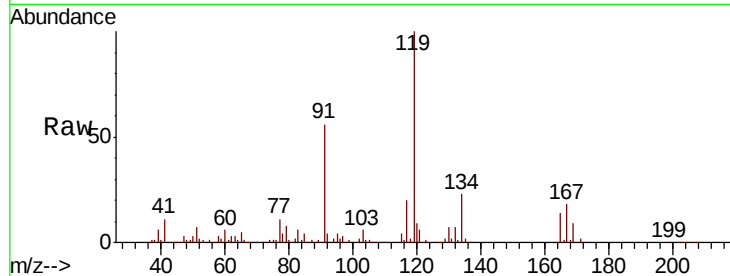




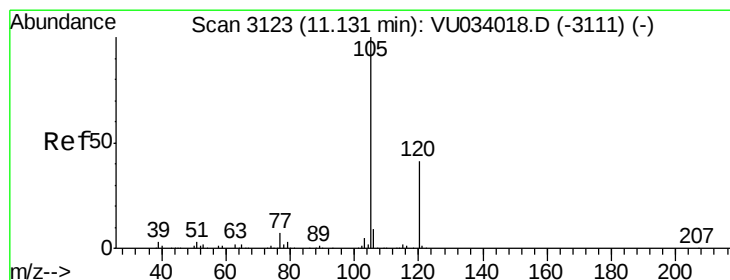
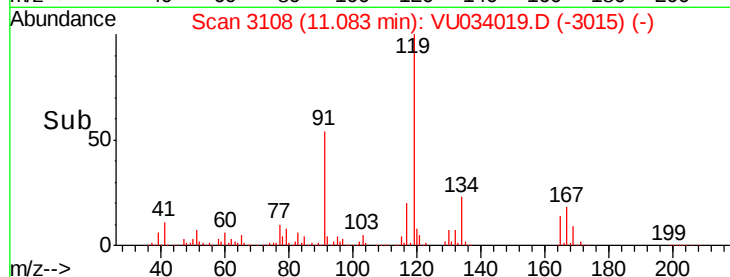
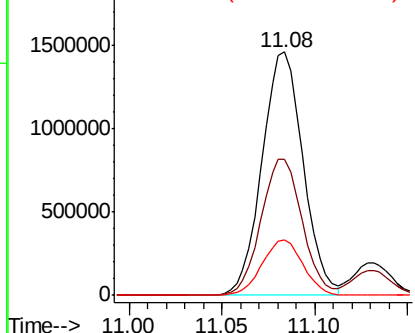
#83
 tert-Butylbenzene
 Concen: 103.930 ug/l
 RT: 11.08 min Scan# 3108
 Delta R.T. 0.00 min
 Lab File: VU034019.D
 Acq: 28 Aug 2019 13:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Tgt Ion:119 Resp: 2257807
 Ion Ratio Lower Upper
 119 100
 91 56.2 27.9 83.6
 134 22.7 11.4 34.2

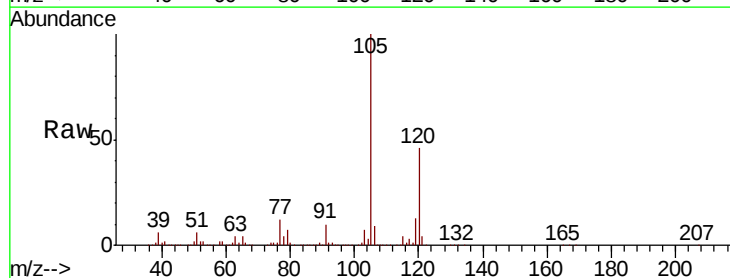


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

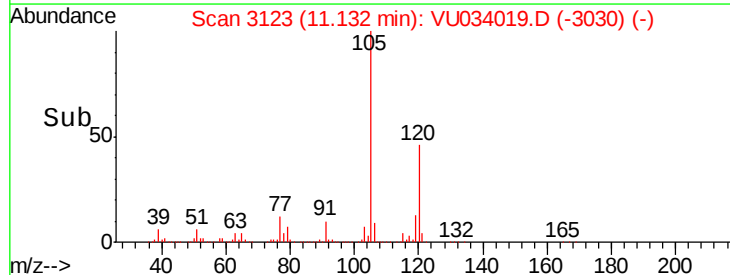
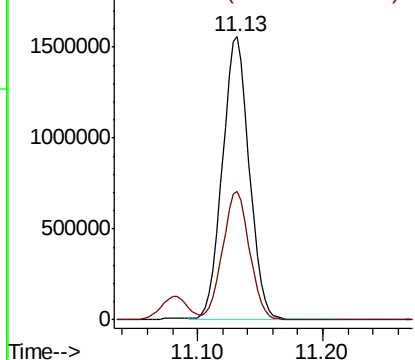


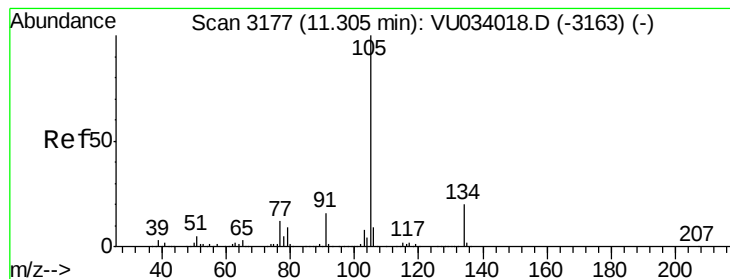
#84
 1,2,4-Trimethylbenzene
 Concen: 105.851 ug/l
 RT: 11.13 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: VU034019.D
 Acq: 28 Aug 2019 13:13

Tgt Ion:105 Resp: 2323004
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 105.218 ug/l

RT: 11.31 min Scan# 3177

Delta R.T. 0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

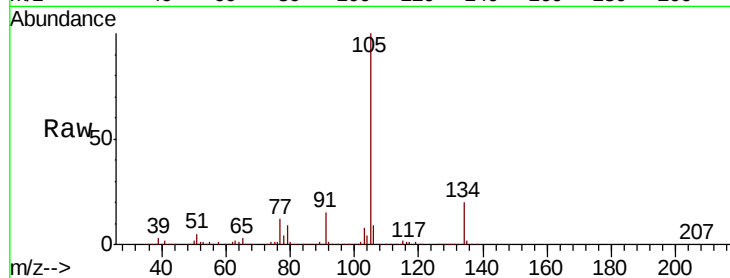
VSTDIC100

Tgt Ion:105 Resp: 2725441

Ion Ratio Lower Upper

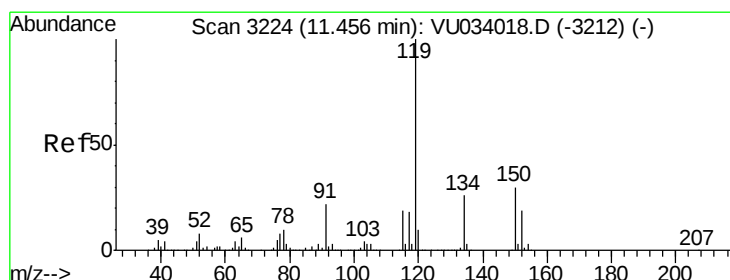
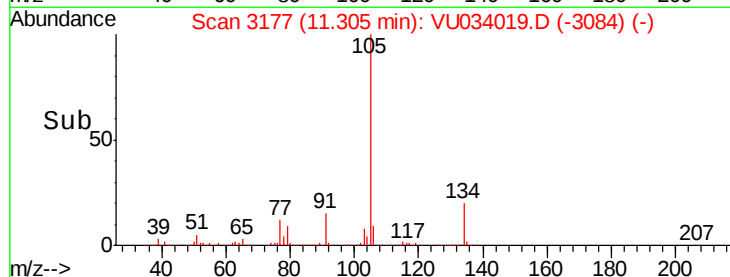
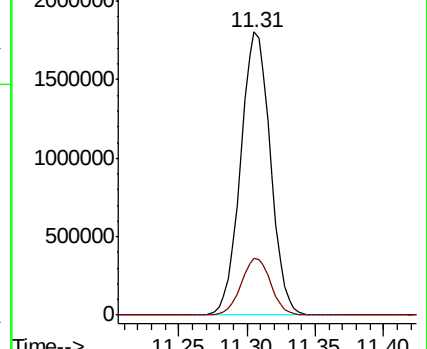
105 100

134 20.0 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 103.722 ug/l

RT: 11.46 min Scan# 3224

Delta R.T. 0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

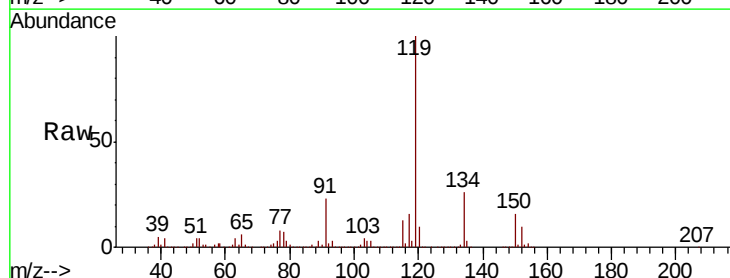
Tgt Ion:119 Resp: 2500794

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

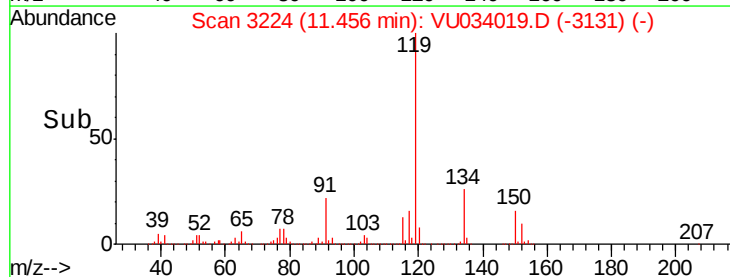
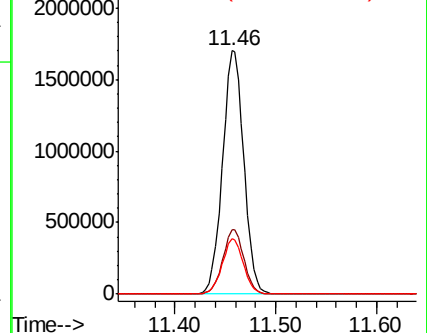
91 22.5 11.2 33.6

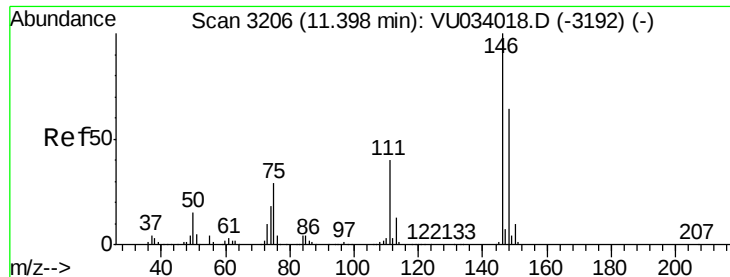


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU

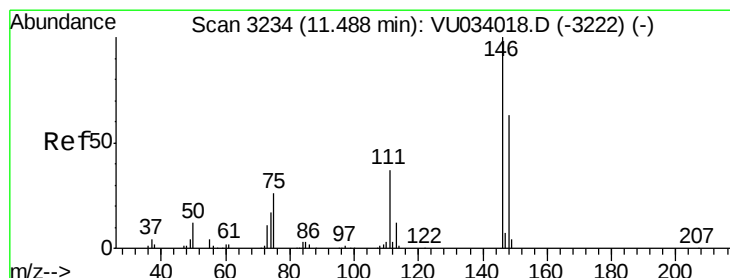
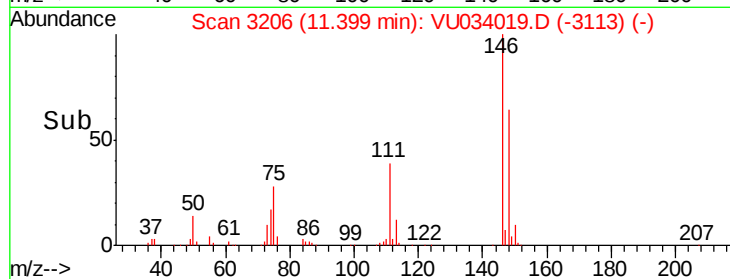
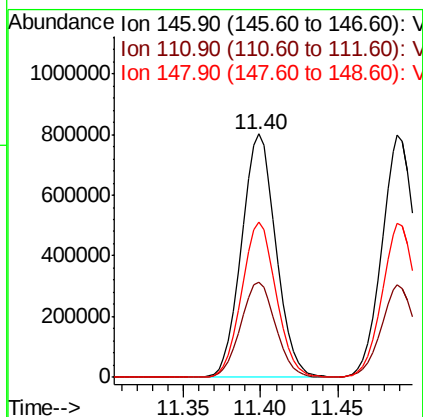
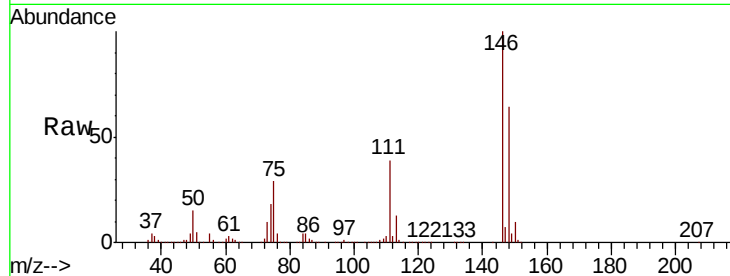




#87
 1,3-Dichlorobenzene
 Concen: 95.826 ug/l
 RT: 11.40 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: VU034019.D
 Acq: 28 Aug 2019 13:13

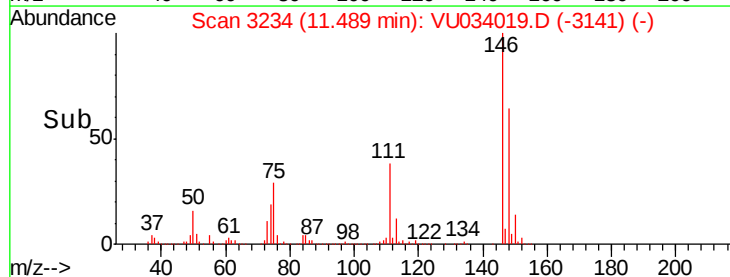
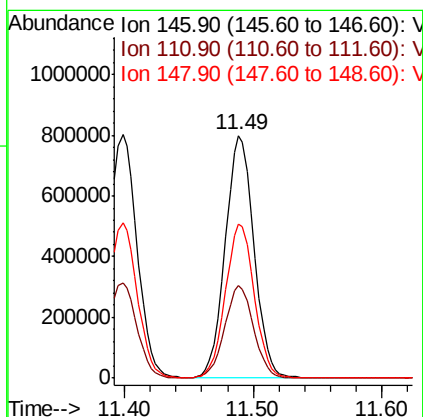
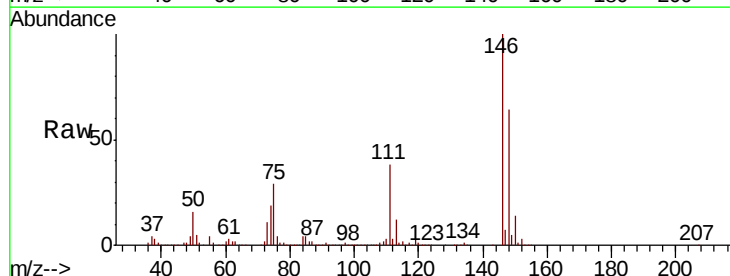
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

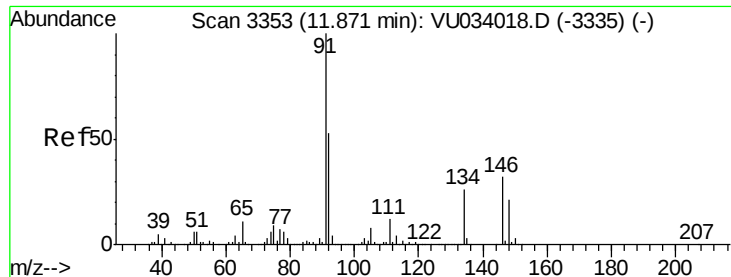
Tgt Ion:146 Resp: 1239437
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.9 59.6
 148 63.9 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 94.311 ug/l
 RT: 11.49 min Scan# 3234
 Delta R.T. 0.00 min
 Lab File: VU034019.D
 Acq: 28 Aug 2019 13:13

Tgt Ion:146 Resp: 1230028
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.2 57.6
 148 64.0 31.9 95.9





#89

n-Butylbenzene

Concen: 112.574 ug/l

RT: 11.87 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

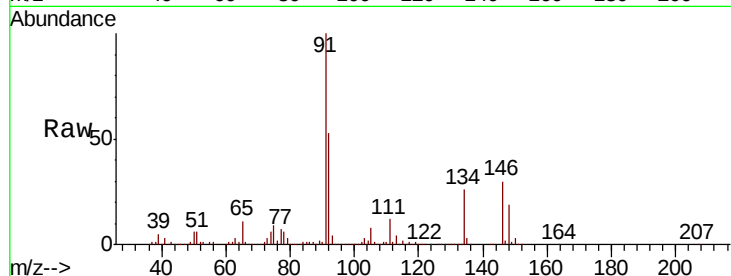
Tgt Ion: 91 Resp: 2292687

Ion Ratio Lower Upper

91 100

92 53.1 26.3 78.9

134 26.2 12.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VU034019.D (-3353) (-)

Ion 92.00 (91.70 to 92.70): VU034019.D (-3353) (-)

Ion 134.00 (133.70 to 134.70): VU034019.D (-3353) (-)

11.87

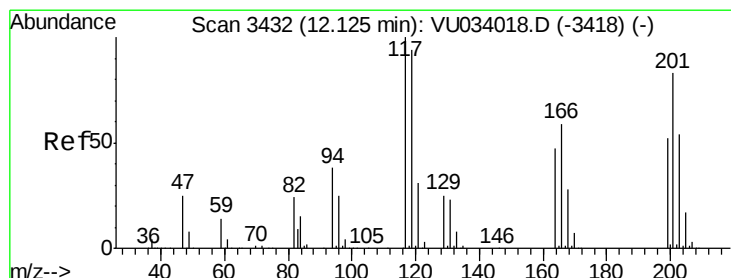
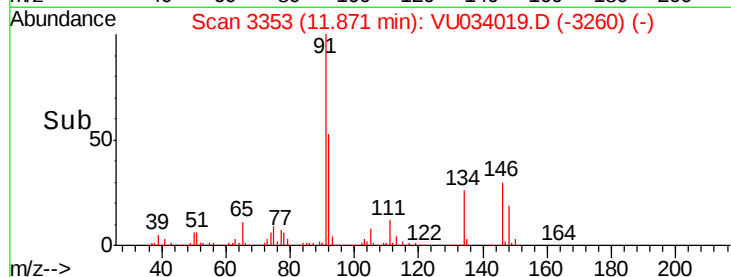
1500000

1000000

500000

0

Time-->



#90

Hexachloroethane

Concen: 104.524 ug/l

RT: 12.13 min Scan# 3432

Delta R.T. 0.00 min

Lab File: VU034019.D

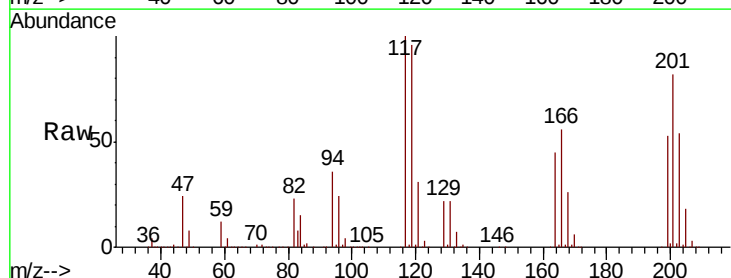
Acq: 28 Aug 2019 13:13

Tgt Ion: 117 Resp: 418334

Ion Ratio Lower Upper

117 100

201 84.3 42.5 127.6



Abundance Ion 116.80 (116.50 to 117.50): VU034019.D (-3432) (-)

Ion 200.70 (200.40 to 201.40): VU034019.D (-3432) (-)

300000

250000

200000

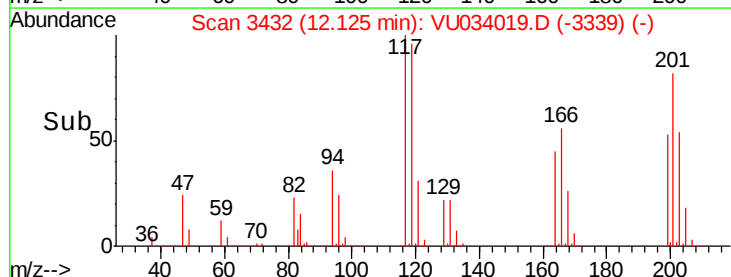
150000

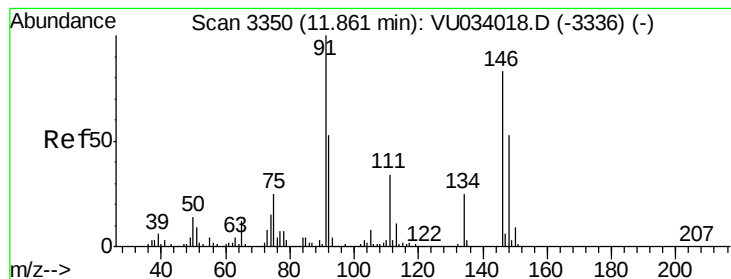
100000

50000

0

Time-->





#91

1,2-Dichlorobenzene

Concen: 95.034 ug/l

RT: 11.86 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

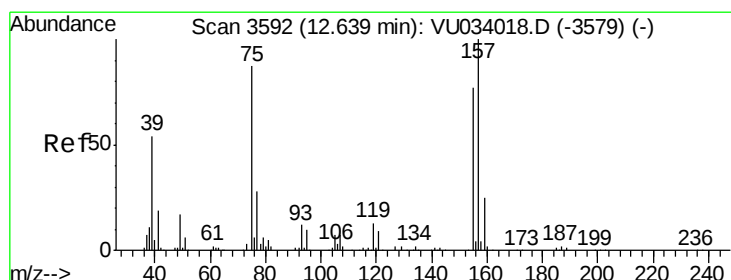
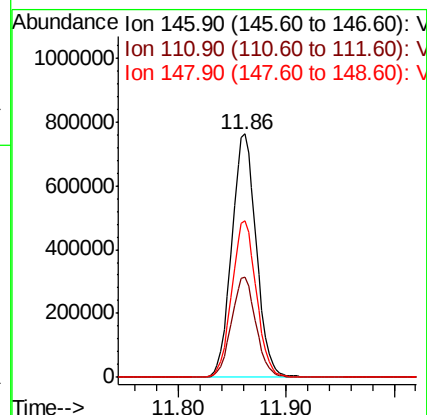
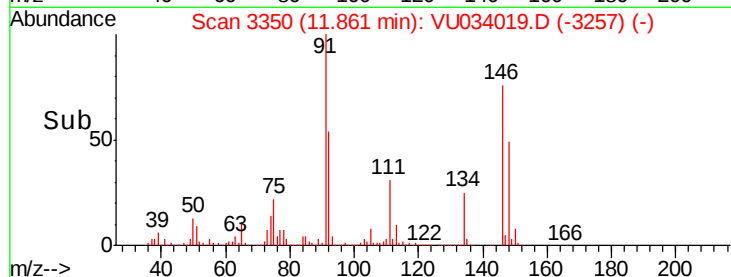
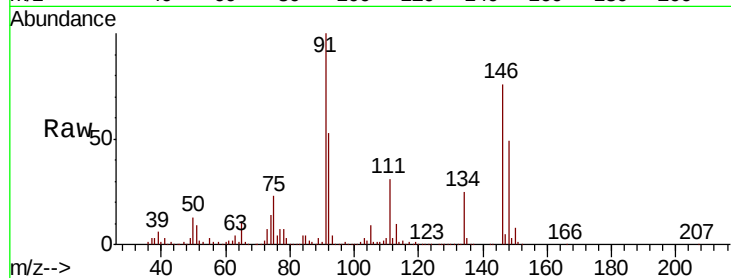
Tgt Ion:146 Resp: 1207292

Ion Ratio Lower Upper

146 100

111 40.9 20.4 61.2

148 64.4 32.3 96.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 110.928 ug/l

RT: 12.64 min Scan# 3592

Delta R.T. 0.00 min

Lab File: VU034019.D

Acq: 28 Aug 2019 13:13

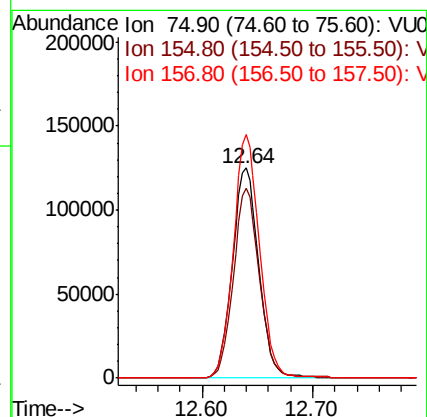
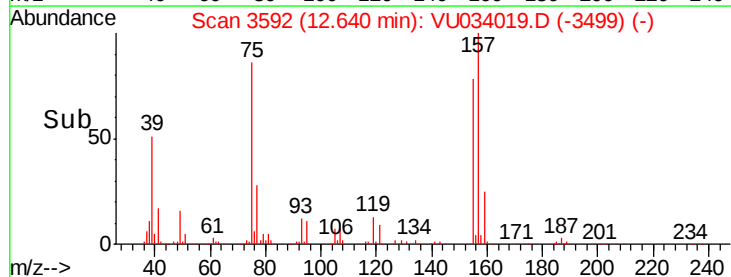
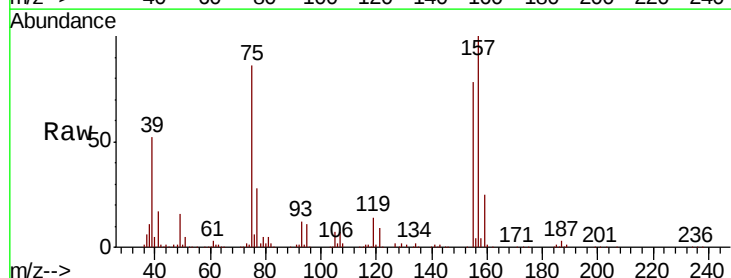
Tgt Ion: 75 Resp: 208398

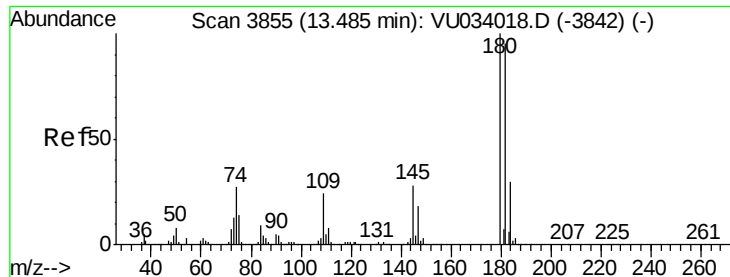
Ion Ratio Lower Upper

75 100

155 88.5 43.5 130.7

157 114.9 56.9 170.6

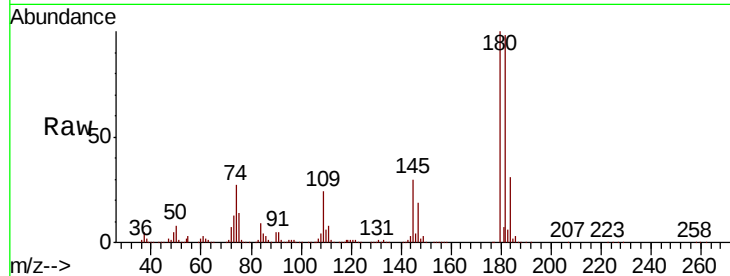




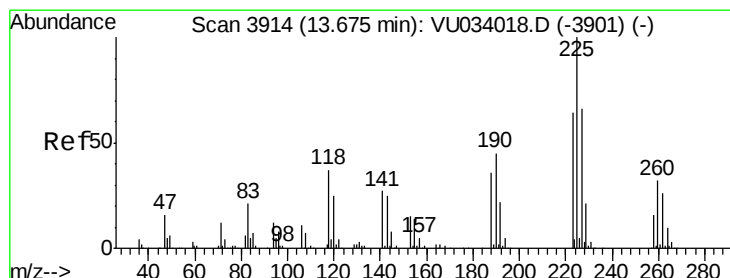
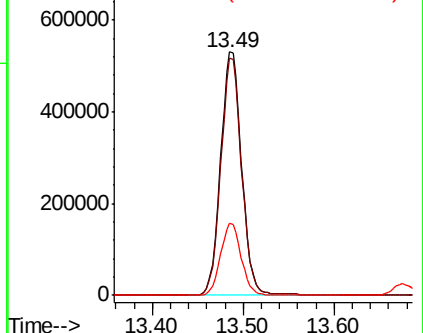
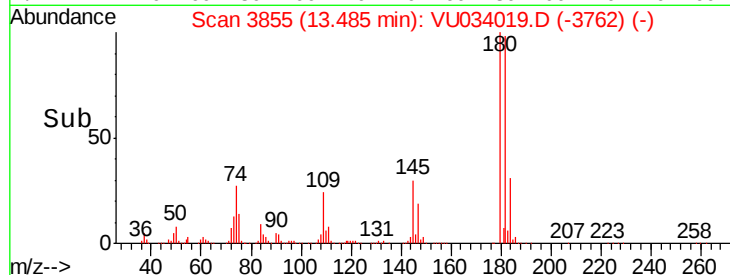
#93
 1,2,4-Trichlorobenzene
 Concen: 109.756 ug/l
 RT: 13.49 min Scan# 3855
 Delta R.T. 0.00 min
 Lab File: VU034019.D
 Acq: 28 Aug 2019 13:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 853721
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.4 142.2
 145 29.2 14.1 42.3

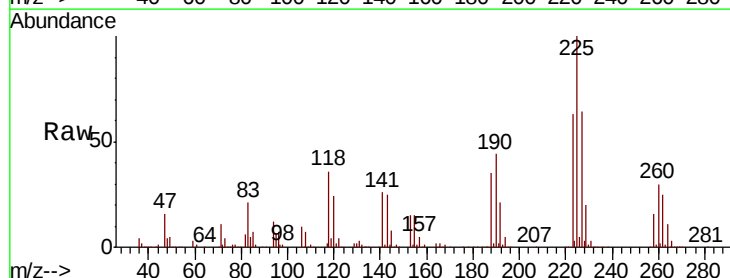


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

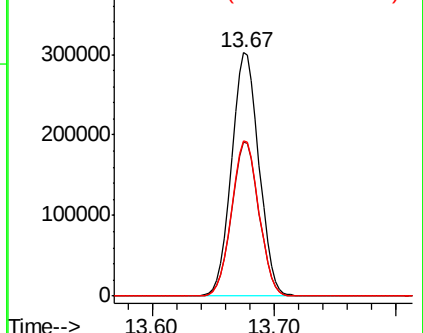
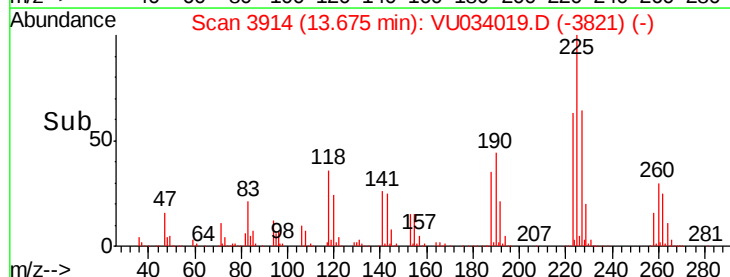


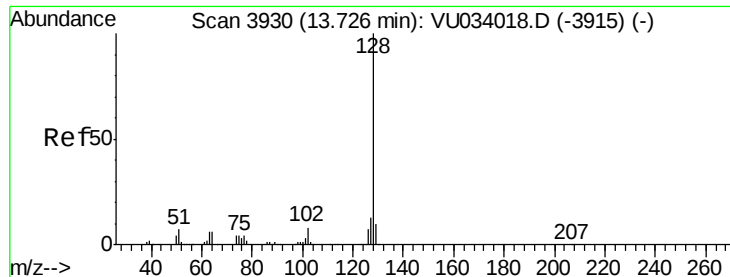
#94
 Hexachlorobutadiene
 Concen: 91.599 ug/l
 RT: 13.67 min Scan# 3914
 Delta R.T. 0.00 min
 Lab File: VU034019.D
 Acq: 28 Aug 2019 13:13

Tgt Ion:225 Resp: 472266
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.8 95.3
 227 63.8 32.6 97.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

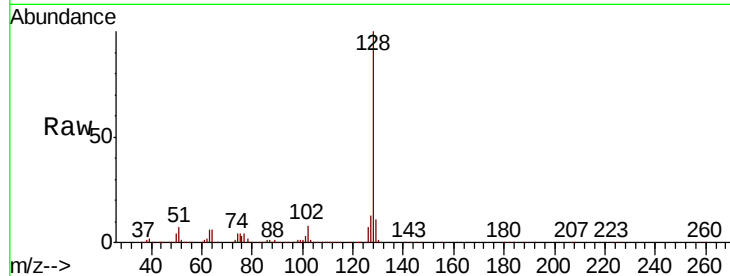




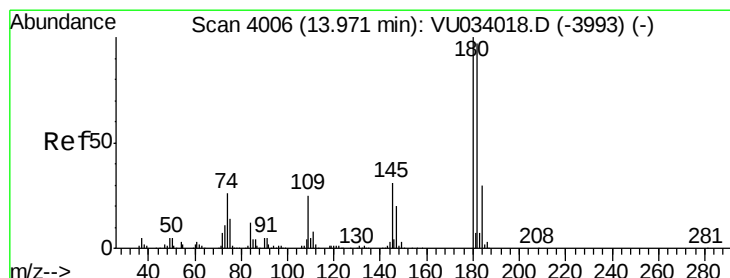
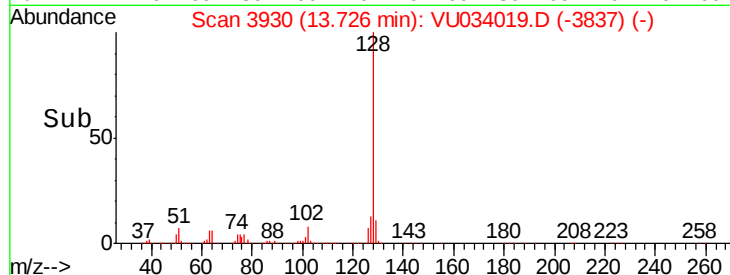
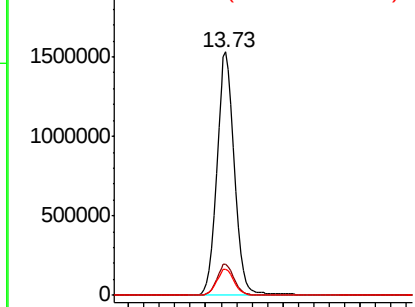
#95
Naphthalene
Concen: 119.458 ug/l
RT: 13.73 min Scan# 3930
Delta R.T. 0.00 min
Lab File: VU034019.D
Acq: 28 Aug 2019 13:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 2463396
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 8.4 12.6

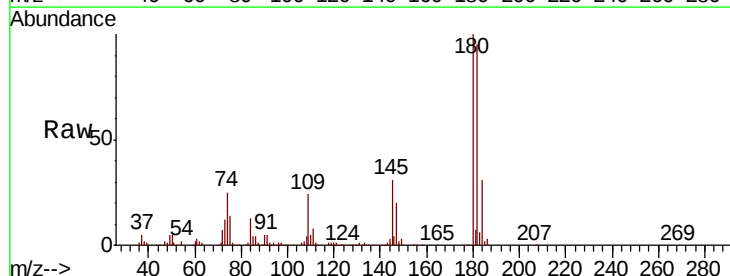


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 103.700 ug/l
RT: 13.97 min Scan# 4006
Delta R.T. 0.00 min
Lab File: VU034019.D
Acq: 28 Aug 2019 13:13

Tgt Ion:180 Resp: 833210
Ion Ratio Lower Upper
180 100
182 95.6 48.2 144.6
145 30.9 15.5 46.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

