

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU083119\
 Data File : VU034112.D
 Acq On : 30 Aug 2019 20:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 31 03:42:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	442530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	725626	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	689748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	367566	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	277214	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
35) Dibromofluoromethane	4.86	113	236026	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	
50) Toluene-d8	7.55	98	929099	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
62) 4-Bromofluorobenzene	10.29	95	356800	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	219448	49.307	ug/l	98
3) Chloromethane	1.32	50	262390	43.890	ug/l	99
4) Vinyl Chloride	1.40	62	283334	47.832	ug/l	99
5) Bromomethane	1.61	94	140677	49.251	ug/l	97
6) Chloroethane	1.69	64	170801	47.164	ug/l	99
7) Trichlorofluoromethane	1.87	101	334144	48.684	ug/l	99
8) Diethyl Ether	2.09	74	148461	50.563	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.27	101	209783	48.247	ug/l	99
10) Methyl Iodide	2.40	142	184190	29.862	ug/l	100
11) Tert butyl alcohol	2.81	59	319348	244.224	ug/l	100
12) 1,1-Dichloroethene	2.27	96	217436	49.081	ug/l	98
13) Acrolein	2.18	56	85875	156.115	ug/l	98
14) Allyl chloride	2.58	41	367262	44.092	ug/l	92
15) Acrylonitrile	2.92	53	769384	256.415	ug/l	100
16) Acetone	2.31	43	631012	218.098	ug/l	99
17) Carbon Disulfide	2.46	76	620215	44.234	ug/l	100
18) Methyl Acetate	2.60	43	360710	48.245	ug/l	99
19) Methyl tert-butyl Ether	2.98	73	774608	53.364	ug/l	99
20) Methylene Chloride	2.69	84	264622	48.313	ug/l	97
21) trans-1,2-Dichloroethene	2.96	96	238414	49.587	ug/l	99
22) Diisopropyl ether	3.55	45	802054	52.549	ug/l	98
23) Vinyl Acetate	3.50	43	3457447	263.697	ug/l	100
24) 1,1-Dichloroethane	3.42	63	452844	50.254	ug/l	99
25) 2-Butanone	4.23	43	1024849	254.604	ug/l	100
26) 2,2-Dichloropropane	4.20	77	342178	46.667	ug/l	98
27) cis-1,2-Dichloroethene	4.20	96	275348	51.022	ug/l	98
28) Bromochloromethane	4.52	49	223625	50.371	ug/l	100
29) Tetrahydrofuran	4.61	42	657172	264.734	ug/l	99
30) Chloroform	4.65	83	434057	48.278	ug/l	98
31) Cyclohexane	4.97	56	389789	46.034	ug/l	98
32) 1,1,1-Trichloroethane	4.89	97	366028	49.709	ug/l	99
36) 1,1-Dichloropropene	5.11	75	328316	47.835	ug/l	99
37) Ethyl Acetate	4.36	43	373710	48.623	ug/l	99
38) Carbon Tetrachloride	5.11	117	312933	47.235	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	349583	43.214	ug/l	99
40) Benzene	5.37	78	1003581	48.329	ug/l	100
41) Methacrylonitrile	4.52	41	203026	51.507	ug/l	99
42) 1,2-Dichloroethane	5.38	62	336778	46.965	ug/l	98
43) Isopropyl Acetate	5.53	43	588269	50.310	ug/l	100
44) Trichloroethene	6.16	130	270368	49.581	ug/l	99
45) 1,2-Dichloropropane	6.41	63	278600	48.738	ug/l	100
46) Dibromomethane	6.54	93	177606	48.226	ug/l	99
47) Bromodichloromethane	6.74	83	345998	48.020	ug/l	99
48) Methyl methacrylate	6.60	41	284418	50.407	ug/l	98
49) 1,4-Dioxane	6.59	88	128505	908.968	ug/l	99
51) 4-Methyl-2-Pentanone	7.44	43	1966554	243.530	ug/l	99
52) Toluene	7.62	92	639871	50.021	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	388674	48.615	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	431607	49.414	ug/l	98
55) 1,1,2-Trichloroethane	8.05	97	253518	46.853	ug/l	99
56) Ethyl methacrylate	8.00	69	415337	46.348	ug/l	99
57) 1,3-Dichloropropane	8.22	76	446201	48.566	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.11	63	765986	255.883	ug/l	100
59) 2-Hexanone	8.34	43	1503397	246.618	ug/l	99
60) Dibromochloromethane	8.46	129	277940	47.852	ug/l	99
61) 1,2-Dibromoethane	8.57	107	273223	47.934	ug/l	99
64) Tetrachloroethene	8.21	164	232515	50.196	ug/l	99
65) Chlorobenzene	9.10	112	699195	49.259	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.19	131	248767	48.332	ug/l	98
67) Ethyl Benzene	9.23	91	1222931	50.826	ug/l	100
68) m/p-Xylenes	9.36	106	935894	102.294	ug/l	99
69) o-Xylene	9.76	106	447082	50.935	ug/l	99
70) Styrene	9.77	104	799632	53.131	ug/l	99
71) Bromoform	9.94	173	212378	47.491	ug/l #	99
73) Isopropylbenzene	10.15	105	1192659	48.307	ug/l	100
74) N-amyl acetate	10.00	43	540952	52.095	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	432877	45.808	ug/l	100
76) 1,2,3-Trichloropropane	10.48	75	484394	58.471	ug/l	88
77) Bromobenzene	10.43	156	316877	47.712	ug/l	99
78) n-propylbenzene	10.57	91	1373610	47.773	ug/l	99
79) 2-Chlorotoluene	10.64	91	825377	47.858	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	1002671	47.916	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.48	75	485608	197.381	ug/l #	100
82) 4-Chlorotoluene	10.75	91	966192	48.713	ug/l	100
83) tert-Butylbenzene	11.08	119	945758	45.911	ug/l	100
84) 1,2,4-Trimethylbenzene	11.13	105	1016639	48.927	ug/l	99
85) sec-Butylbenzene	11.31	105	1096438	44.409	ug/l	100
86) p-Isopropyltoluene	11.46	119	1022503	45.791	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	567417	48.259	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	569381	47.884	ug/l	99
89) n-Butylbenzene	11.87	91	888597	45.135	ug/l	99
90) Hexachloroethane	12.13	117	148320	38.418	ug/l	99
91) 1,2-Dichlorobenzene	11.86	146	553397	49.134	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.64	75	92311	49.034	ug/l	99

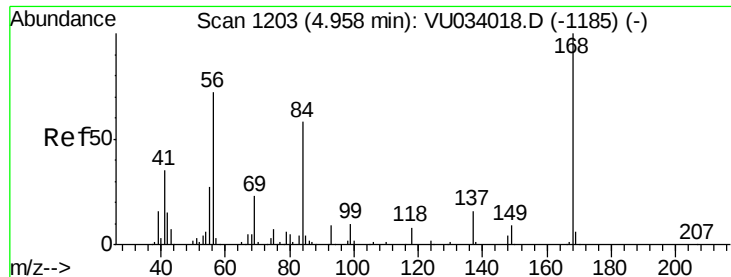
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU083119\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	370183	46.292	ug/l	98
94) Hexachlorobutadiene	13.68	225	161223	36.591	ug/l	99
95) Naphthalene	13.73	128	1182769	51.497	ug/l	100
96) 1,2,3-Trichlorobenzene	13.97	180	364902	50.575	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

Instrument :

MSVOA_U

ClientSampleId :

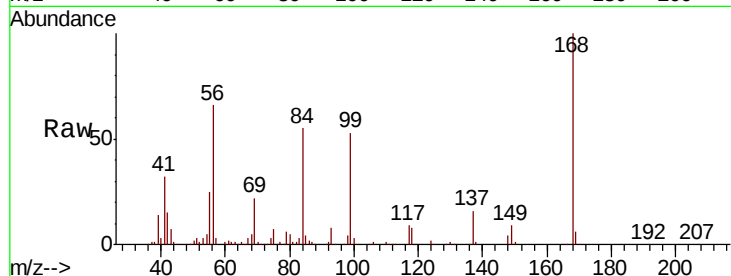
VSTDCCC050EC

Tgt Ion:168 Resp: 442530

Ion Ratio Lower Upper

168 100

99 51.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034112.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034112.D (-1185) (-)

4.96

200000

150000

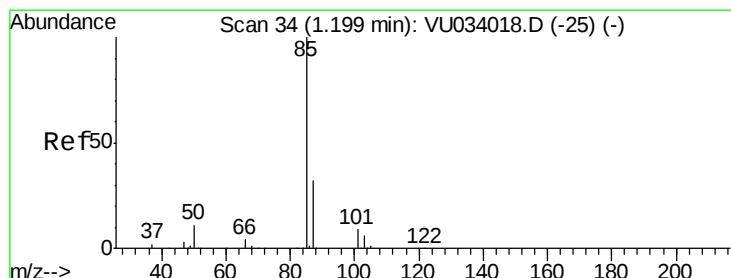
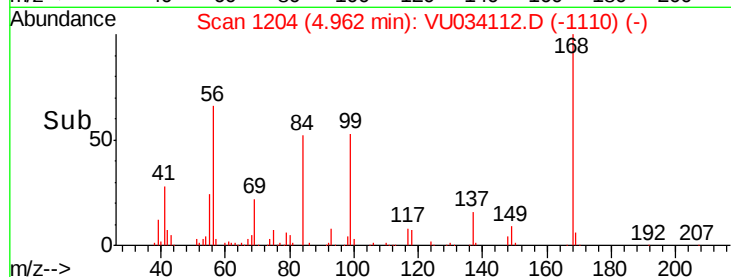
100000

50000

0

4.85 4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 49.307 ug/l

RT: 1.20 min Scan# 34

Delta R.T. 0.00 min

Lab File: VU034112.D

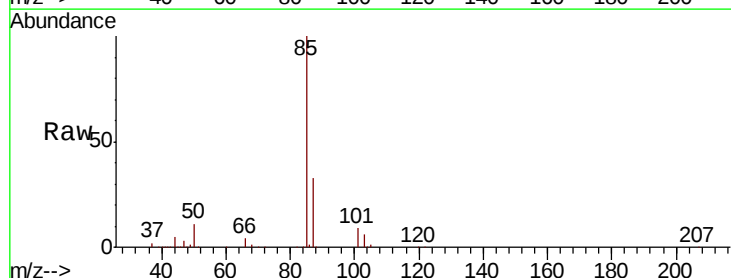
Acq: 30 Aug 2019 20:33

Tgt Ion: 85 Resp: 219448

Ion Ratio Lower Upper

85 100

87 33.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VU034112.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VU034112.D (-1) (-)

1.20

250000

200000

150000

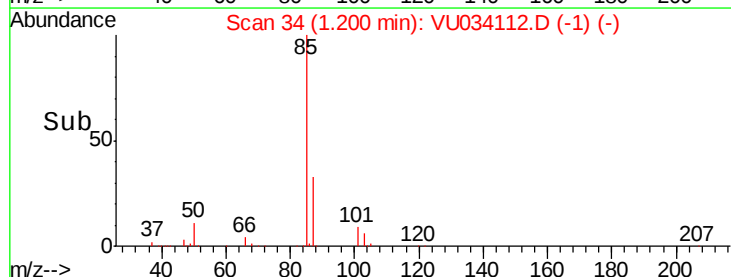
100000

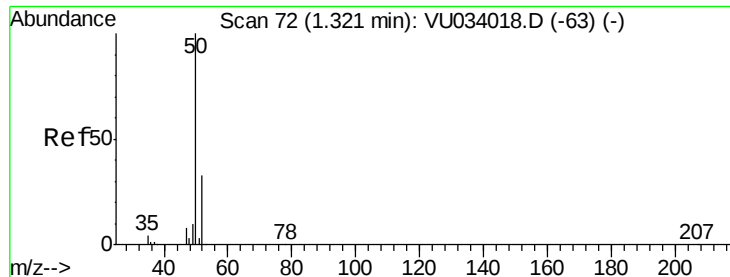
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 43.890 ug/l

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

Instrument :

MSVOA_U

ClientSampleId :

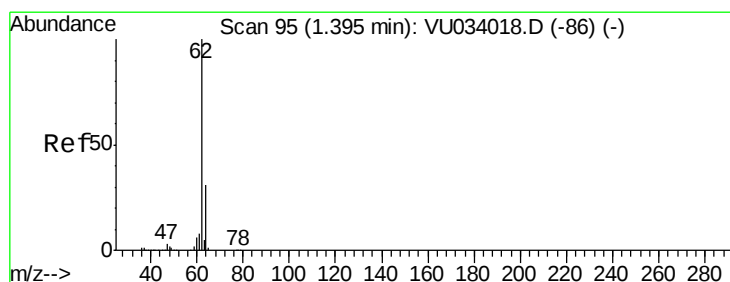
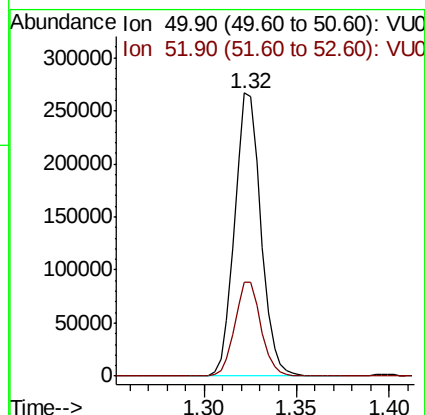
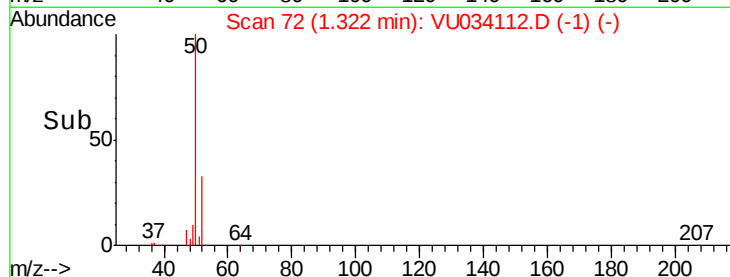
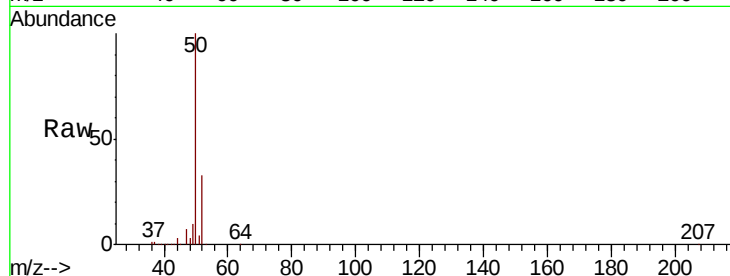
VSTDCCC050EC

Tgt Ion: 50 Resp: 262390

Ion Ratio Lower Upper

50 100

52 33.3 26.2 39.4



#4

Vinyl Chloride

Concen: 47.832 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU034112.D

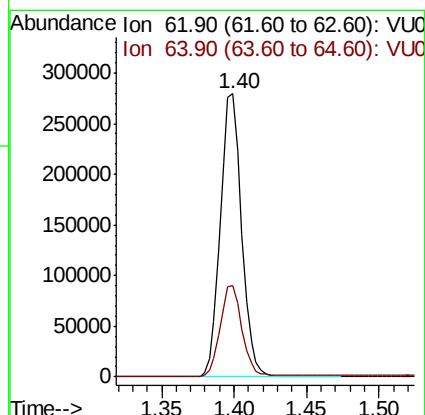
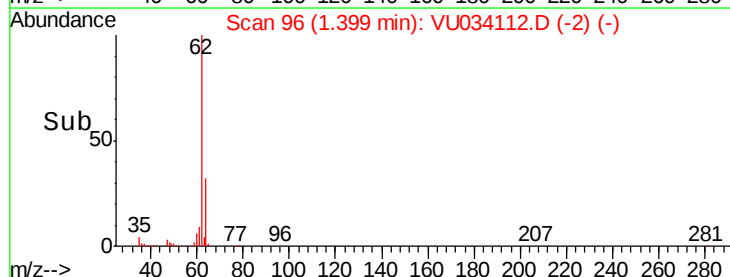
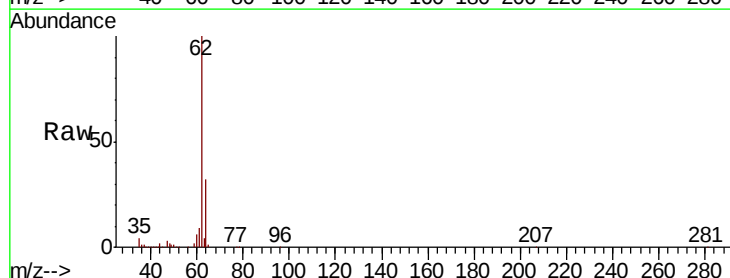
Acq: 30 Aug 2019 20:33

Tgt Ion: 62 Resp: 283334

Ion Ratio Lower Upper

62 100

64 31.8 25.0 37.6





#5

Bromomethane

Concen: 49.251 ug/l

RT: 1.61 min Scan# 162

Delta R.T. 0.01 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

Instrument :

MSVOA_U

ClientSampleId :

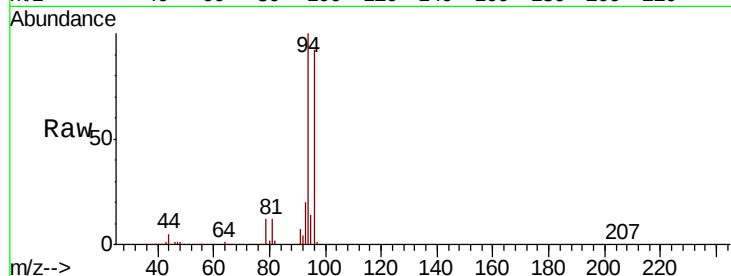
VSTDCCC050EC

Tgt Ion: 94 Resp: 140677

Ion Ratio Lower Upper

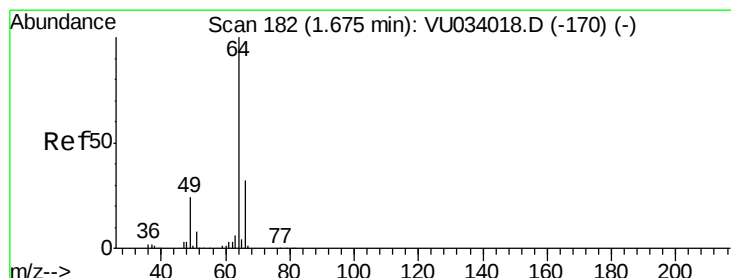
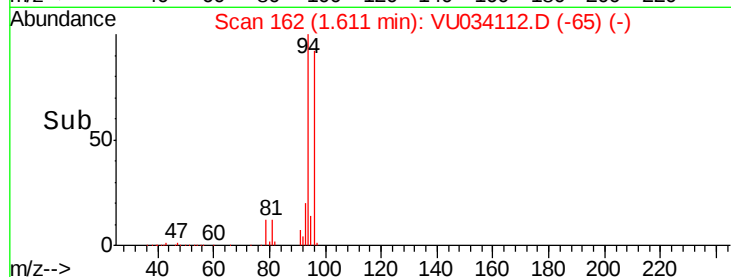
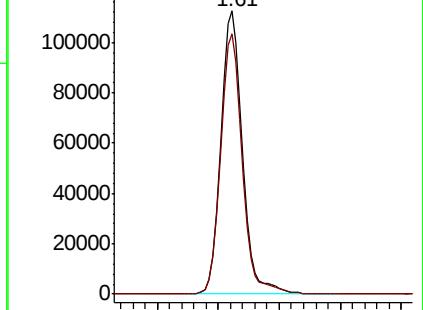
94 100

96 92.1 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VU034112.D (-162) (-)

Ion 95.90 (95.60 to 96.60): VU034112.D (-162) (-)



#6

Chloroethane

Concen: 47.164 ug/l

RT: 1.69 min Scan# 185

Delta R.T. 0.01 min

Lab File: VU034112.D

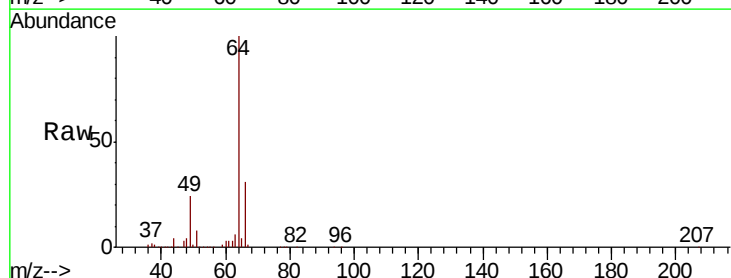
Acq: 30 Aug 2019 20:33

Tgt Ion: 64 Resp: 170801

Ion Ratio Lower Upper

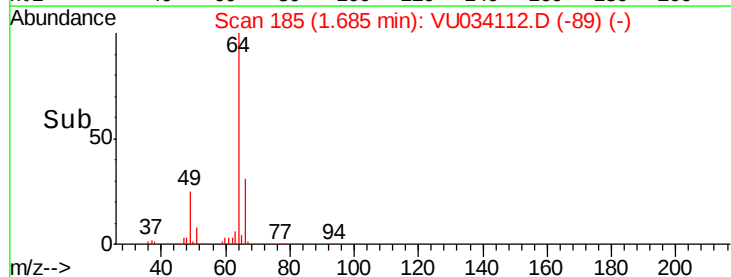
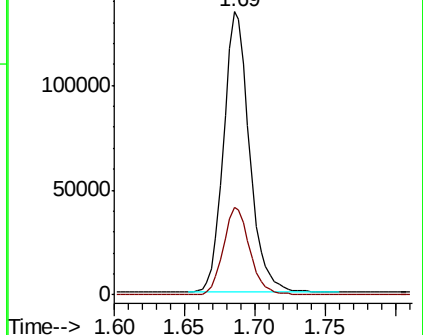
64 100

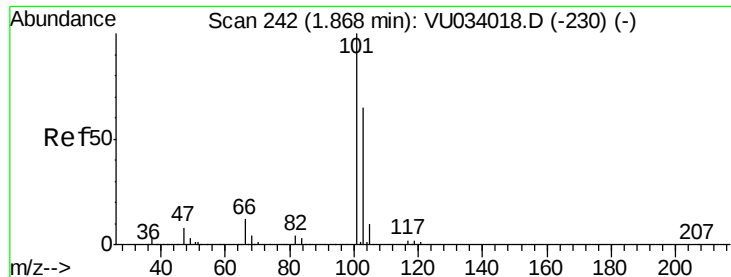
66 31.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU034112.D (-185) (-)

Ion 65.90 (65.60 to 66.60): VU034112.D (-185) (-)





#7

Trichlorofluoromethane

Concen: 48.684 ug/l

RT: 1.87 min Scan# 244

Delta R.T. 0.01 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

Instrument :

MSVOA_U

ClientSampleId :

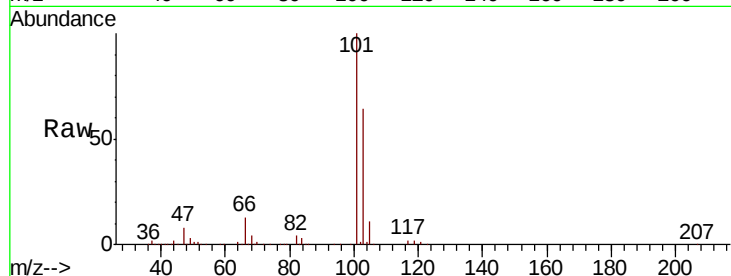
VSTDCCC050EC

Tgt Ion:101 Resp: 334144

Ion Ratio Lower Upper

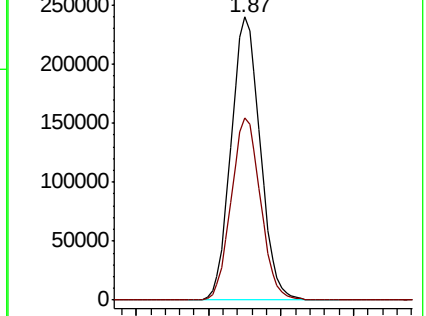
101 100

103 64.4 52.1 78.1

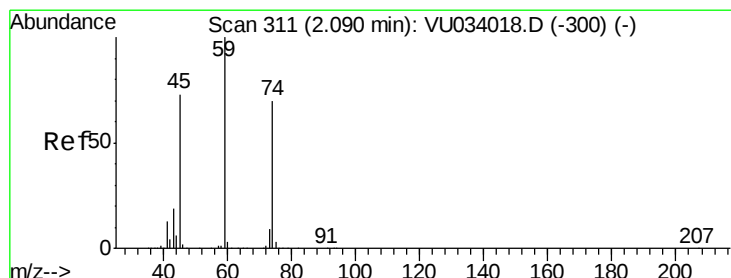
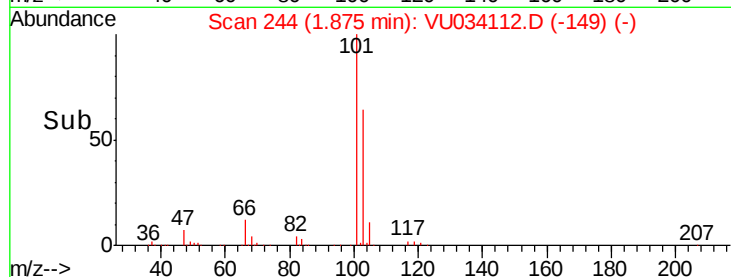


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



Time-->



#8

Diethyl Ether

Concen: 50.563 ug/l

RT: 2.09 min Scan# 312

Delta R.T. 0.00 min

Lab File: VU034112.D

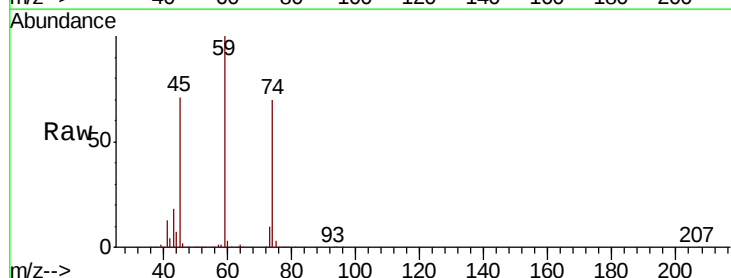
Acq: 30 Aug 2019 20:33

Tgt Ion: 74 Resp: 148461

Ion Ratio Lower Upper

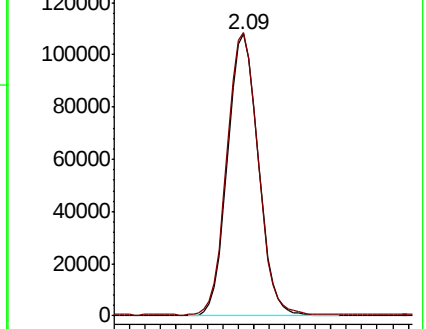
74 100

45 101.4 51.8 155.5

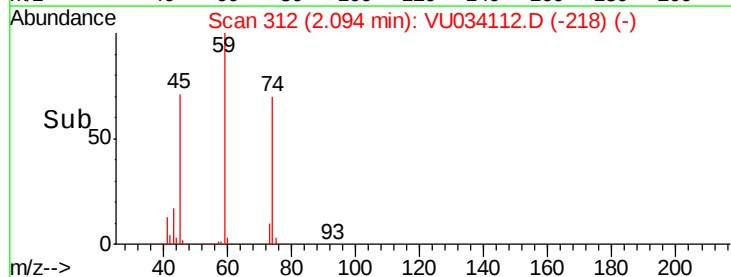


Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.247 ug/l

RT: 2.27 min Scan# 368

Delta R.T. 0.00 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

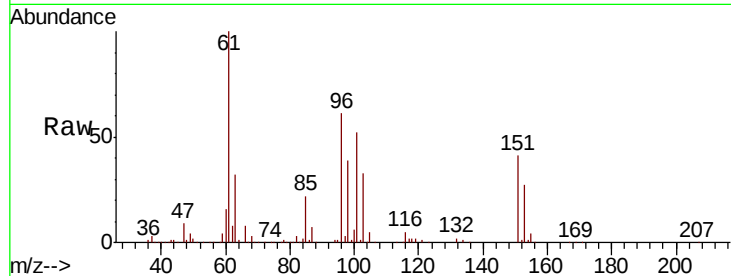
Tgt Ion:101 Resp: 209783

Ion Ratio Lower Upper

101 100

85 43.0 34.2 51.2

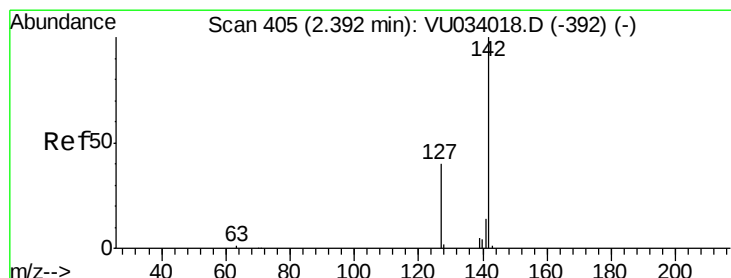
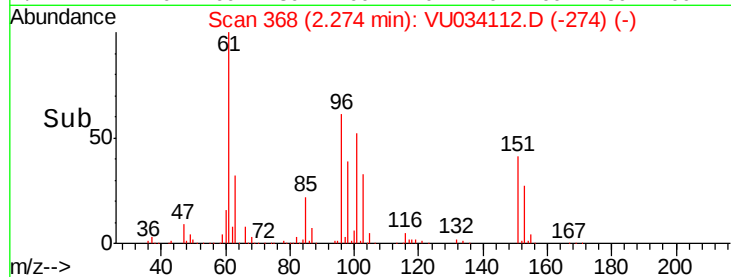
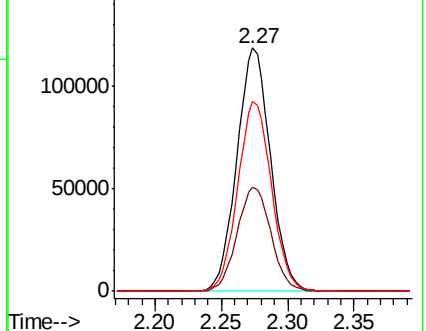
151 78.1 61.4 92.2



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: 29.862 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.01 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

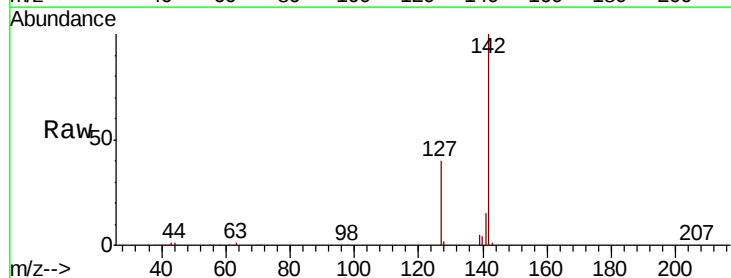
Tgt Ion:142 Resp: 184190

Ion Ratio Lower Upper

142 100

127 40.7 32.6 48.8

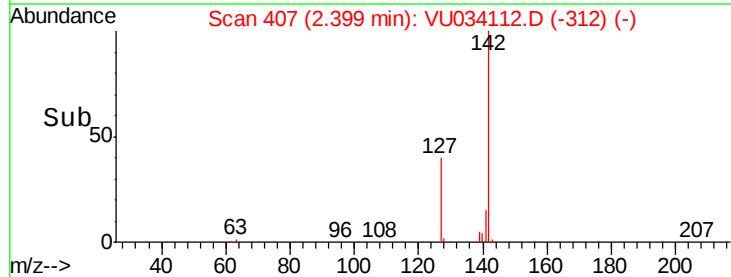
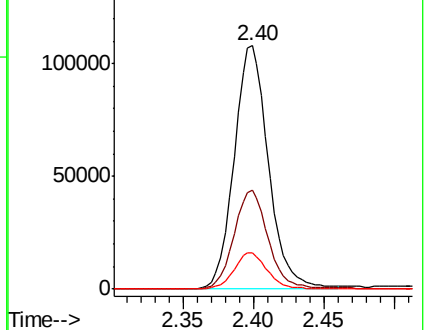
141 14.6 11.3 16.9

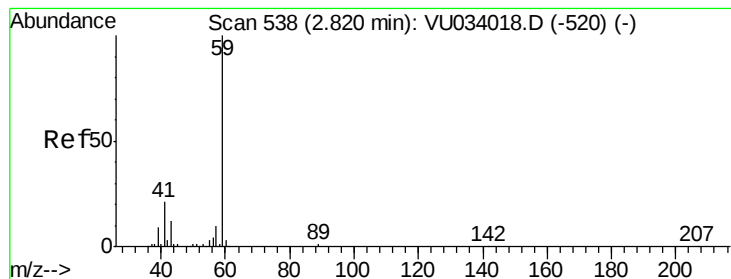


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



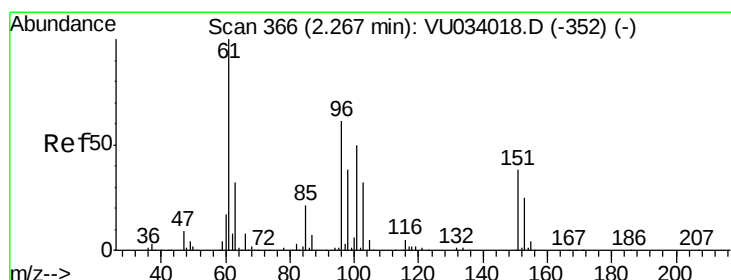
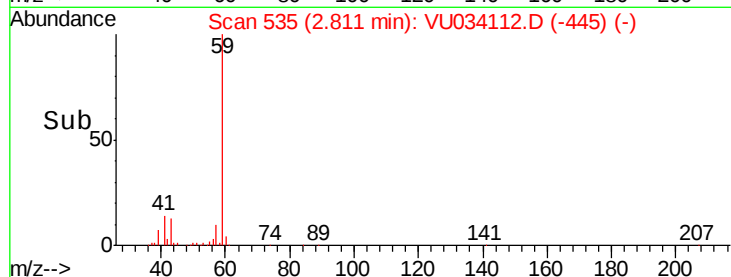
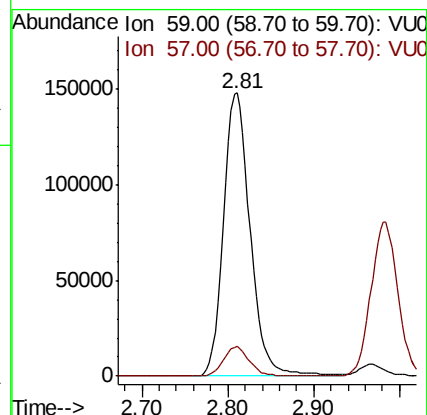
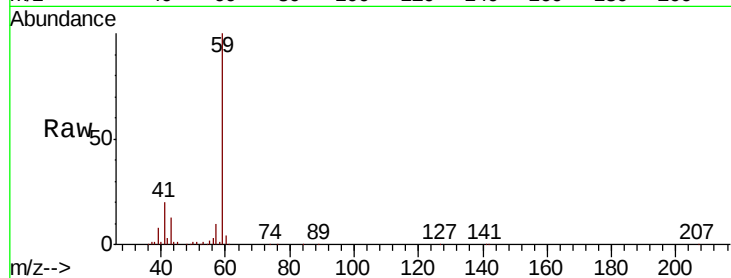


#11

Tert butyl alcohol
 Concen: 244.224 ug/l
 RT: 2.81 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VU034112.D
 Acq: 30 Aug 2019 20:33

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

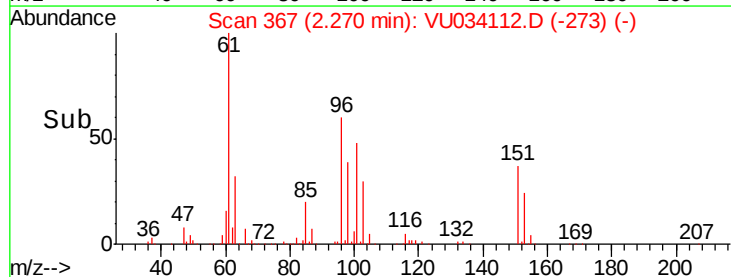
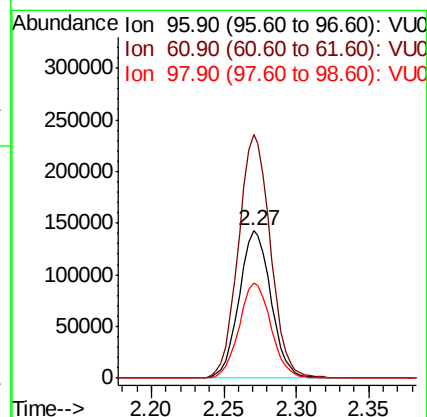
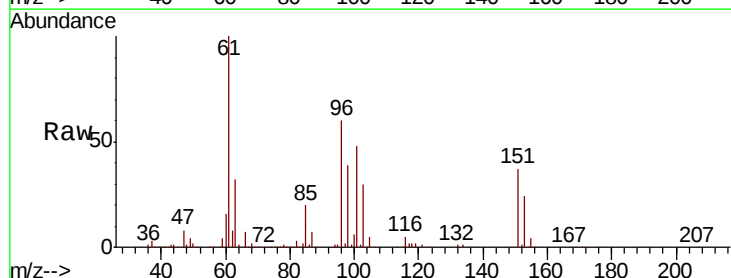
Tgt Ion: 59 Resp: 319348
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.0 12.0

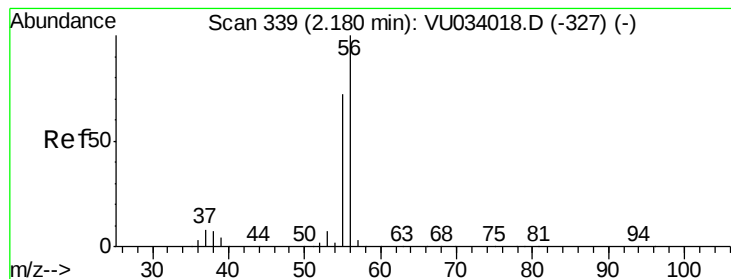


#12

1,1-Dichloroethene
 Concen: 49.081 ug/l
 RT: 2.27 min Scan# 367
 Delta R.T. 0.00 min
 Lab File: VU034112.D
 Acq: 30 Aug 2019 20:33

Tgt Ion: 96 Resp: 217436
 Ion Ratio Lower Upper
 96 100
 61 165.6 131.3 196.9
 98 64.9 50.3 75.5





#13

Acrolein

Concen: 156.115 ug/l

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

Instrument :

MSVOA_U

ClientSampleId :

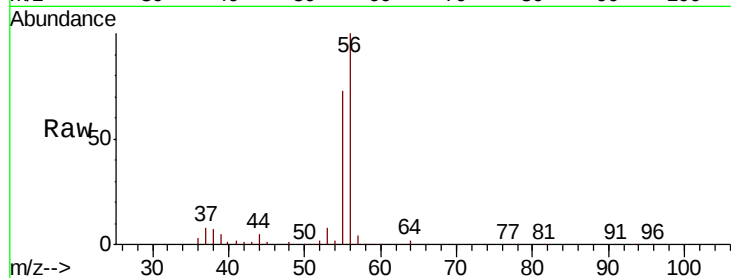
VSTDCCC050EC

Tgt Ion: 56 Resp: 85875

Ion Ratio Lower Upper

56 100

55 69.6 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU034112.D (-246) (-)

Ion 55.00 (54.70 to 55.70): VU034112.D (-246) (-)

2.18

60000

50000

40000

30000

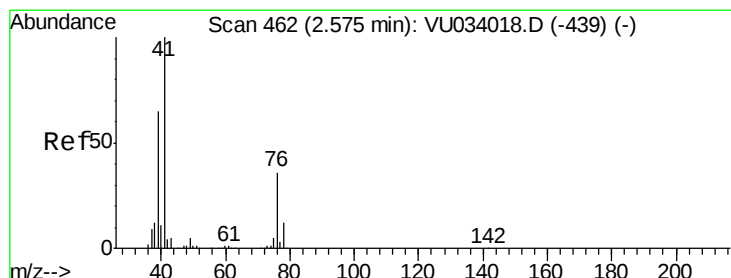
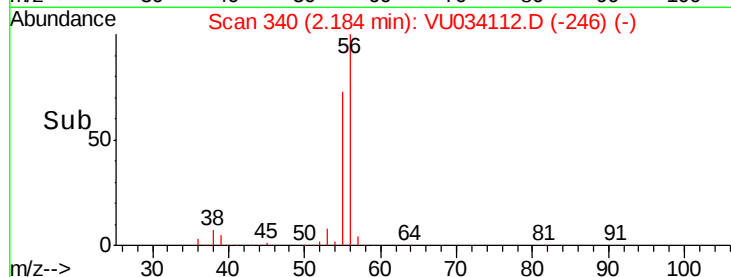
20000

10000

0

Time-->

2.10 2.15 2.20 2.25



#14

Allyl chloride

Concen: 44.092 ug/l

RT: 2.58 min Scan# 463

Delta R.T. 0.00 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

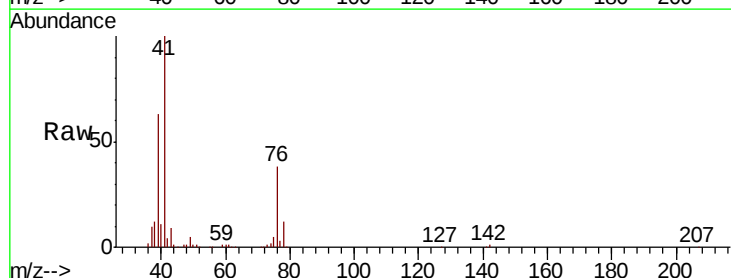
Tgt Ion: 41 Resp: 367262

Ion Ratio Lower Upper

41 100

39 64.3 46.8 70.2

76 37.6 26.6 40.0



Abundance Ion 41.00 (40.70 to 41.70): VU034112.D (-369) (-)

Ion 39.00 (38.70 to 39.70): VU034112.D (-369) (-)

Ion 75.90 (75.60 to 76.60): VU034112.D (-369) (-)

2.58

300000

250000

200000

150000

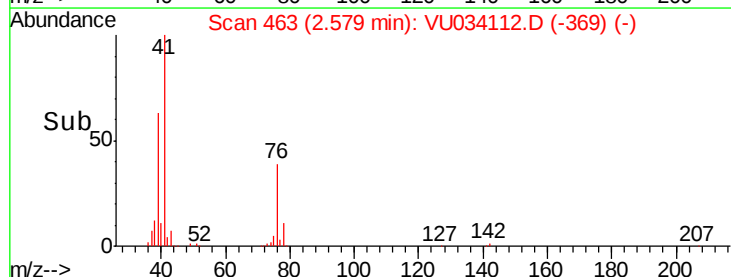
100000

50000

0

Time-->

2.55 2.60 2.65





#15

Acrylonitrile

Concen: 256.415 ug/l

RT: 2.92 min Scan# 568

Delta R.T. 0.00 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

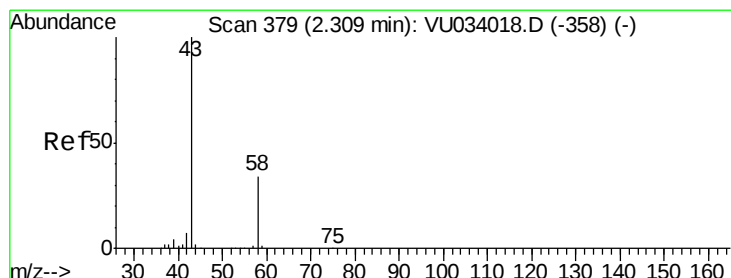
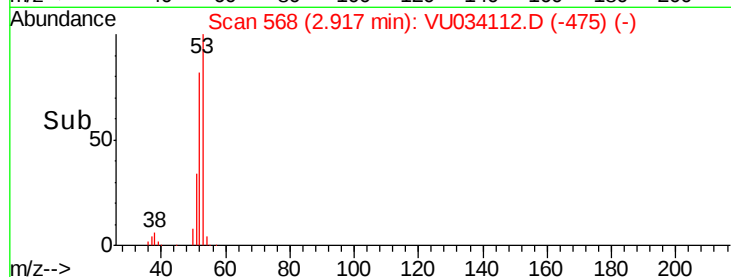
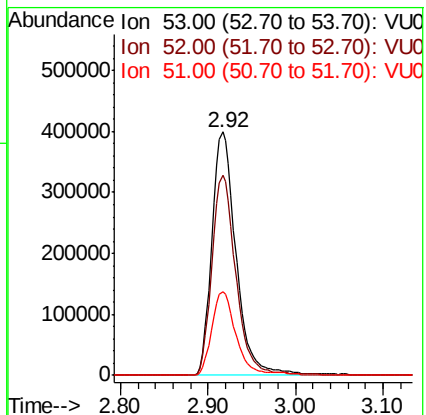
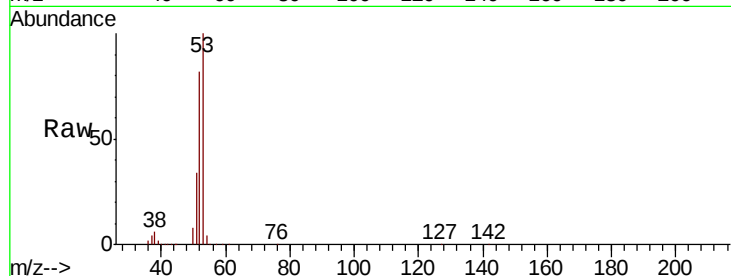
Tgt Ion: 53 Resp: 769384

Ion Ratio Lower Upper

53 100

52 81.6 65.7 98.5

51 34.8 27.9 41.9



#16

Acetone

Concen: 218.098 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034112.D

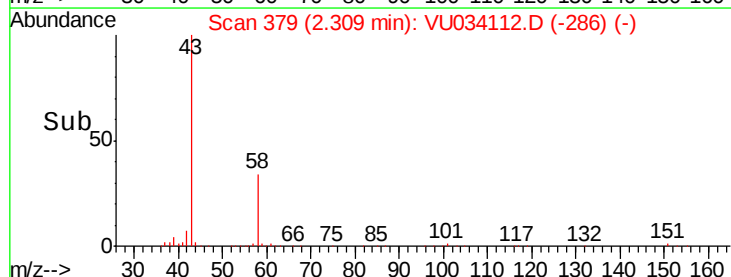
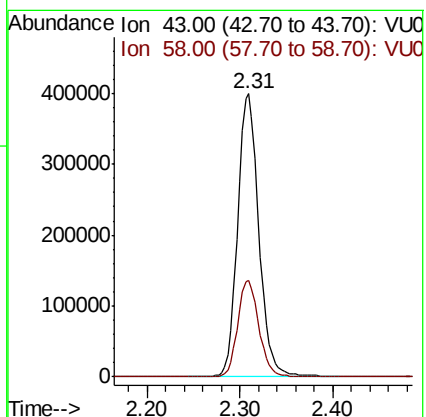
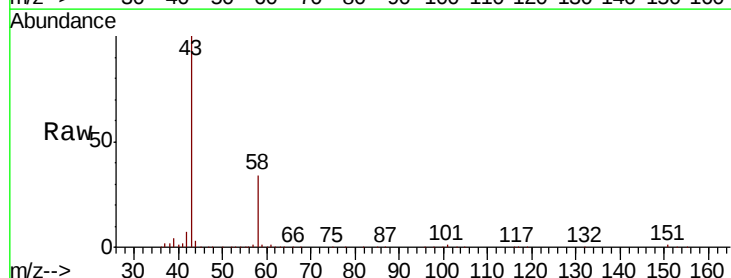
Acq: 30 Aug 2019 20:33

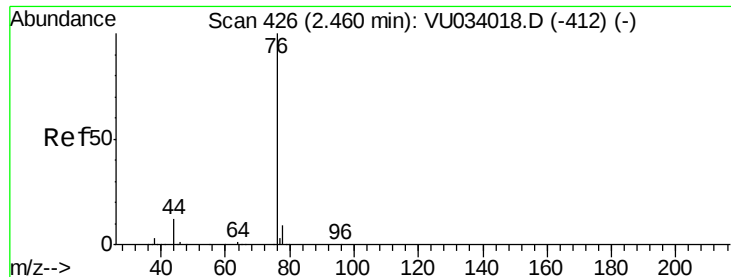
Tgt Ion: 43 Resp: 631012

Ion Ratio Lower Upper

43 100

58 34.1 26.8 40.2

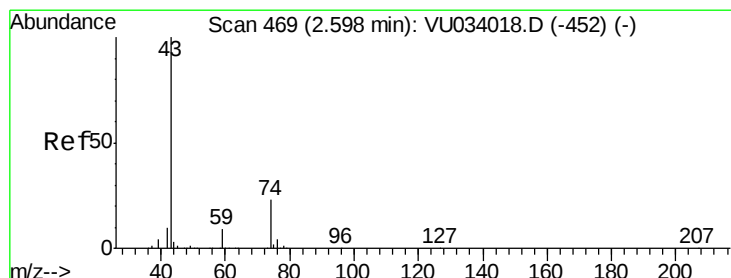
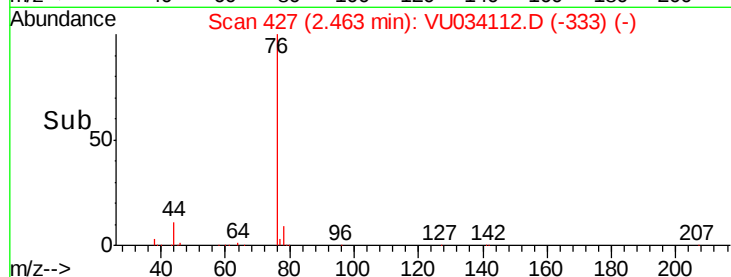
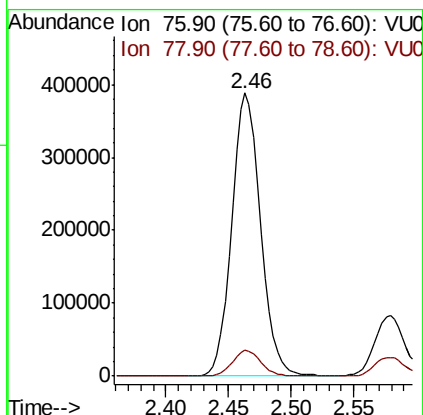
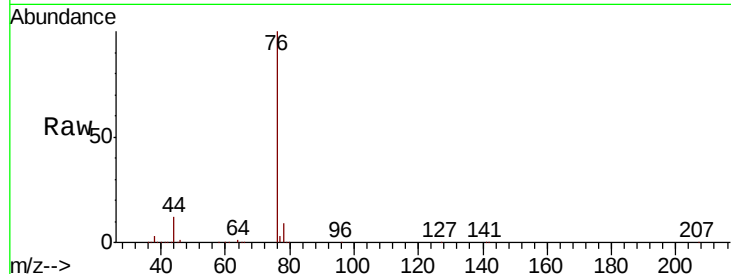




#17
Carbon Disulfide
Concen: 44.234 ug/l
RT: 2.46 min Scan# 427
Delta R.T. 0.00 min
Lab File: VU034112.D
Acq: 30 Aug 2019 20:33

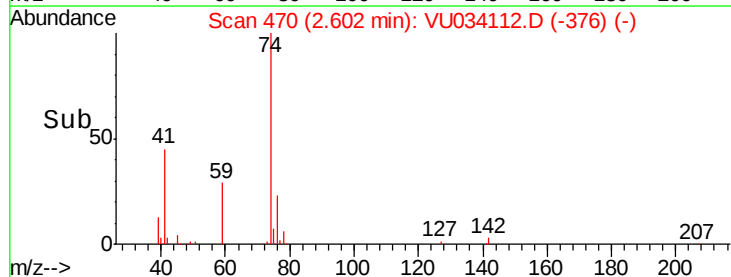
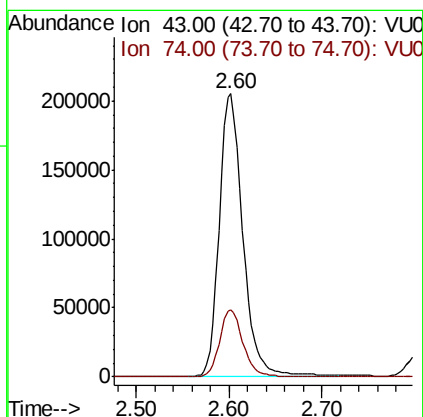
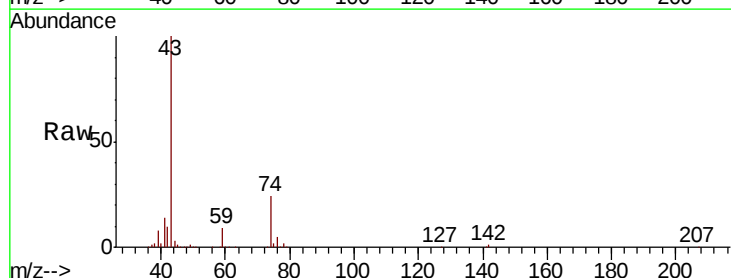
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

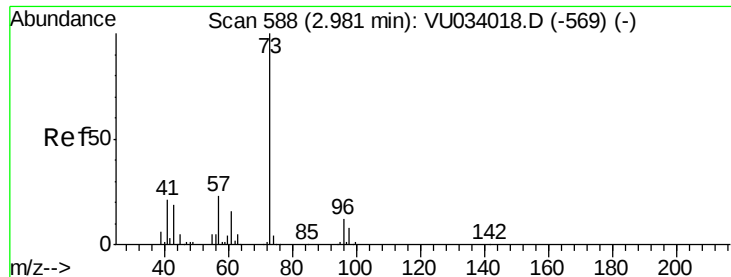
Tgt Ion: 76 Resp: 620215
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 48.245 ug/l
RT: 2.60 min Scan# 470
Delta R.T. 0.00 min
Lab File: VU034112.D
Acq: 30 Aug 2019 20:33

Tgt Ion: 43 Resp: 360710
Ion Ratio Lower Upper
43 100
74 23.7 19.2 28.8

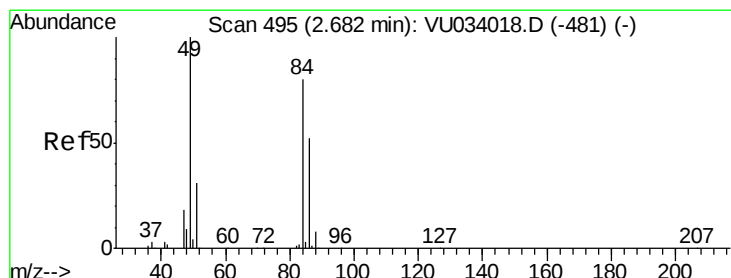
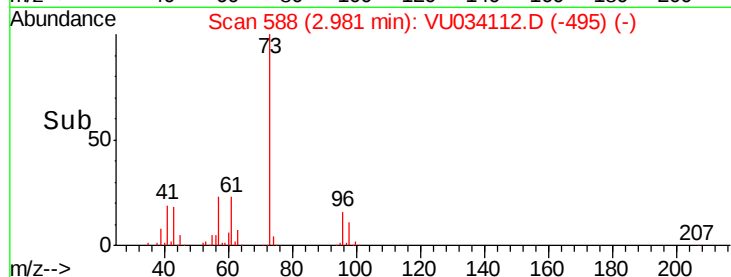
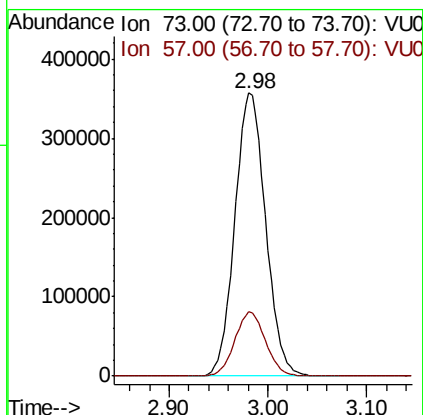
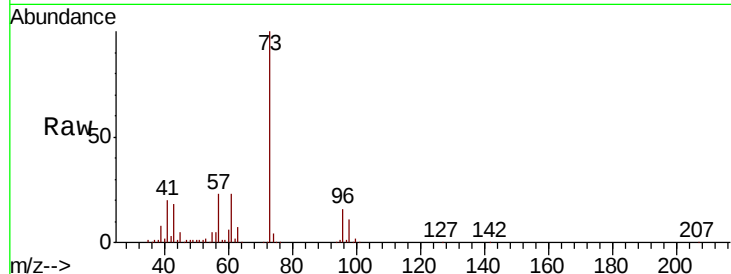




#19
Methyl tert-butyl Ether
Concen: 53.364 ug/l
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU034112.D
Acq: 30 Aug 2019 20:33

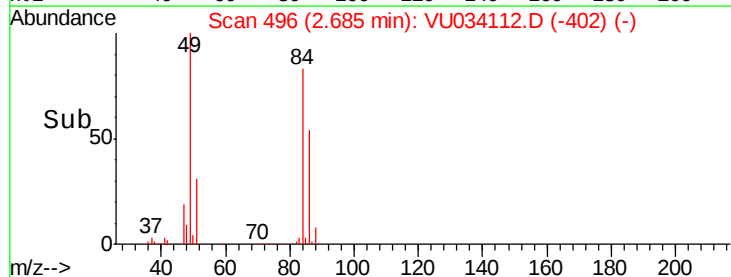
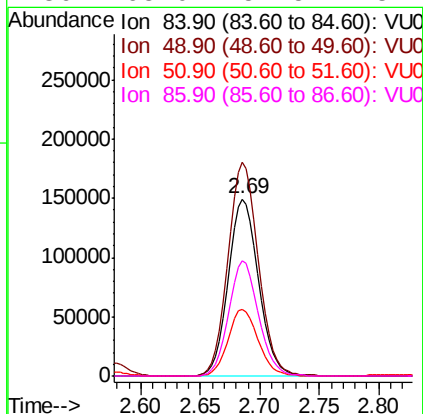
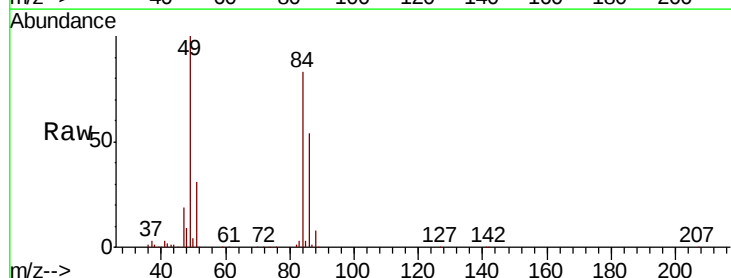
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

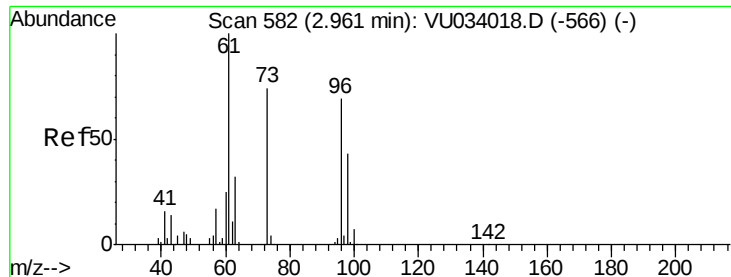
Tgt Ion: 73 Resp: 774608
Ion Ratio Lower Upper
73 100
57 22.6 18.3 27.5



#20
Methylene Chloride
Concen: 48.313 ug/l
RT: 2.69 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU034112.D
Acq: 30 Aug 2019 20:33

Tgt Ion: 84 Resp: 264622
Ion Ratio Lower Upper
84 100
49 120.5 100.2 150.4
51 37.9 30.8 46.2
86 65.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 49.587 ug/l

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

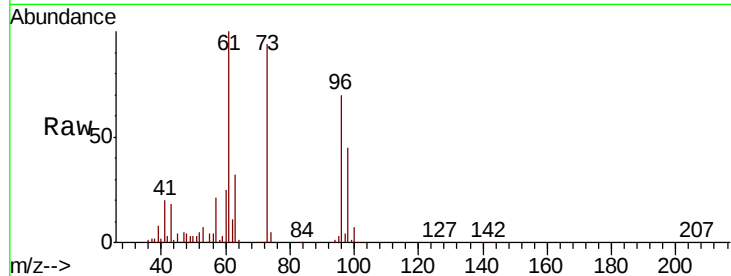
Tgt Ion: 96 Resp: 238414

Ion Ratio Lower Upper

96 100

61 143.4 115.5 173.3

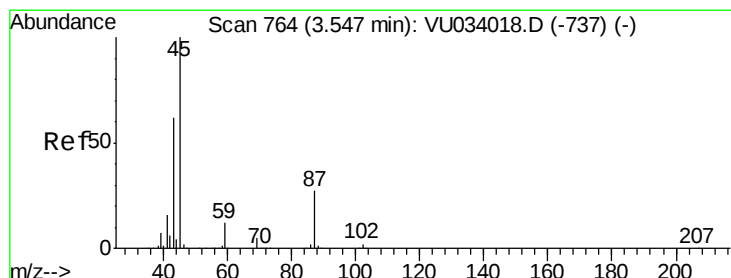
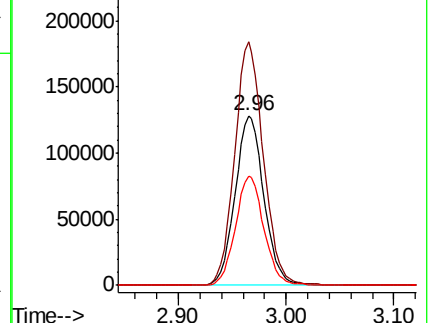
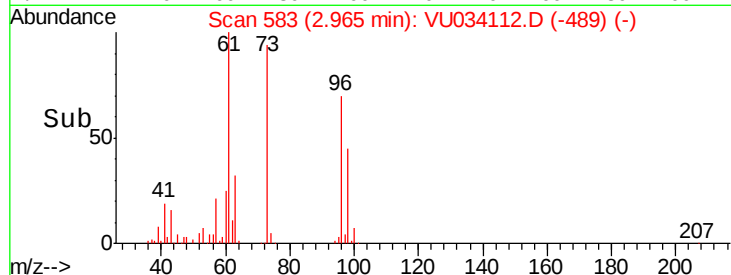
98 64.2 50.1 75.1



Abundance Ion 95.90 (95.60 to 96.60): VU034112.D (-489) (-)

Ion 60.90 (60.60 to 61.60): VU034112.D (-489) (-)

Ion 97.90 (97.60 to 98.60): VU034112.D (-489) (-)



#22

Diisopropyl ether

Concen: 52.549 ug/l

RT: 3.55 min Scan# 765

Delta R.T. 0.00 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

Tgt Ion: 45 Resp: 802054

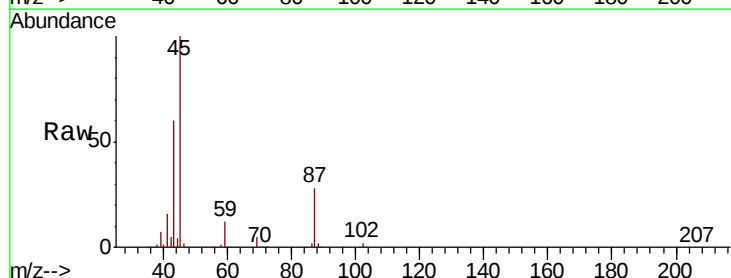
Ion Ratio Lower Upper

45 100

43 60.4 49.7 74.5

87 27.7 21.8 32.8

59 11.8 9.3 13.9

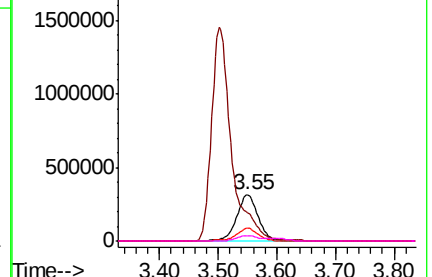
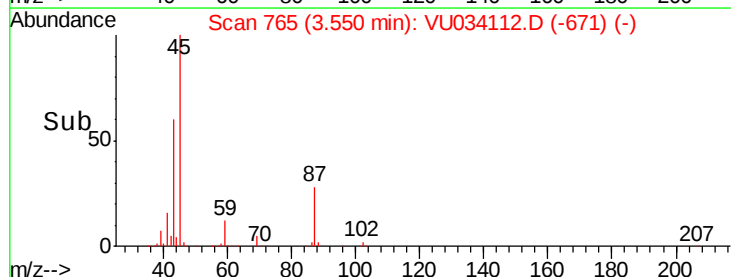


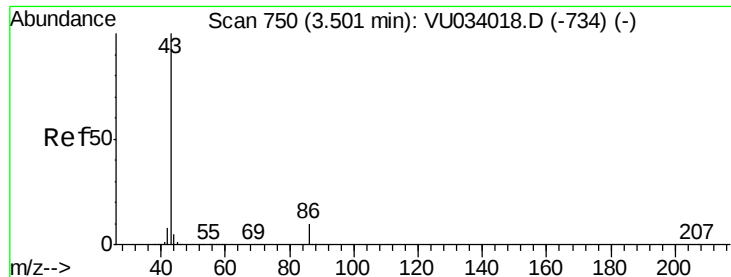
Abundance Ion 45.00 (44.70 to 45.70): VU034112.D (-671) (-)

Ion 43.00 (42.70 to 43.70): VU034112.D (-671) (-)

Ion 87.00 (86.70 to 87.70): VU034112.D (-671) (-)

Ion 59.00 (58.70 to 59.70): VU034112.D (-671) (-)





#23

Vinyl Acetate

Concen: 263.697 ug/l

RT: 3.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

Instrument :

MSVOA_U

ClientSampleId :

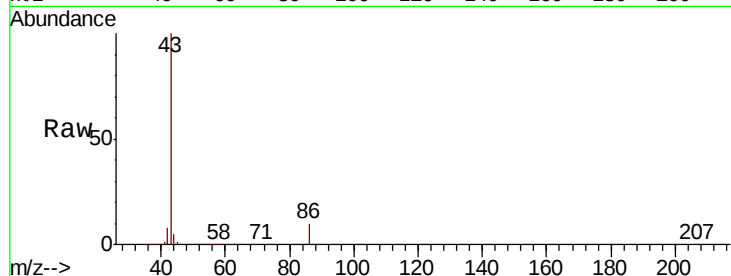
VSTDCCC050EC

Tgt Ion: 43 Resp: 3457447

Ion Ratio Lower Upper

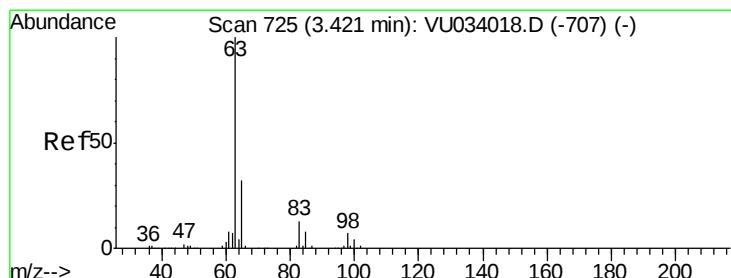
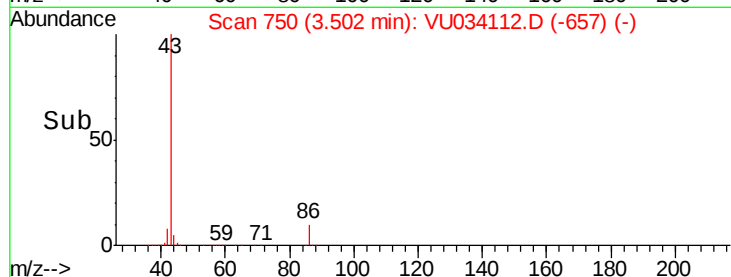
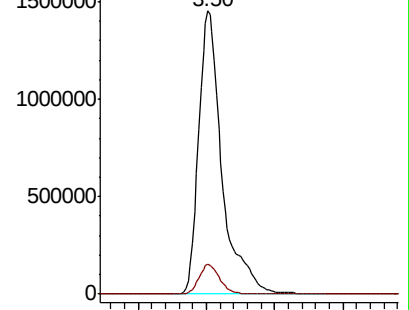
43 100

86 10.5 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VU034112.D (-657) (-)

Ion 86.00 (85.70 to 86.70): VU034112.D (-657) (-)



#24

1,1-Dichloroethane

Concen: 50.254 ug/l

RT: 3.42 min Scan# 726

Delta R.T. 0.00 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

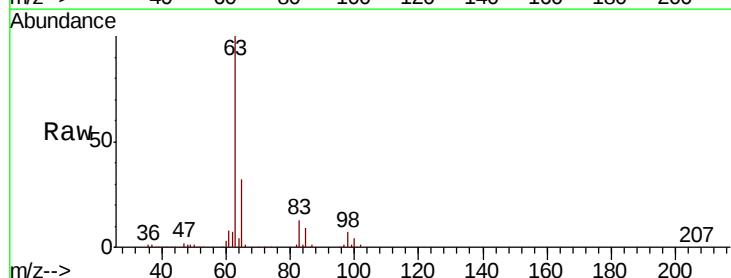
Tgt Ion: 63 Resp: 452844

Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.8

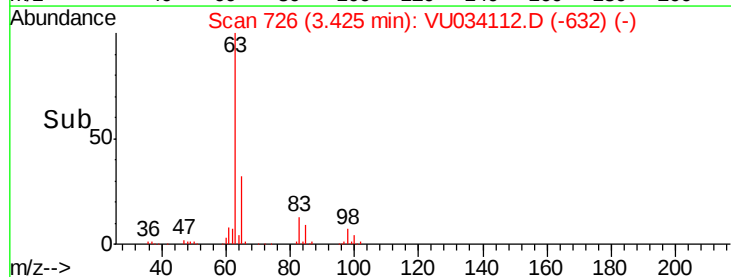
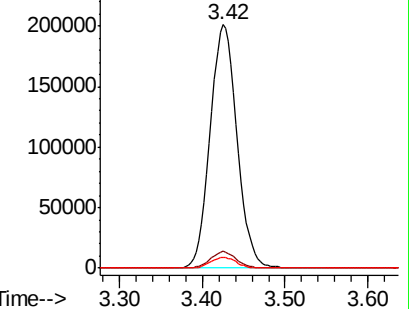
100 4.4 2.0 6.0

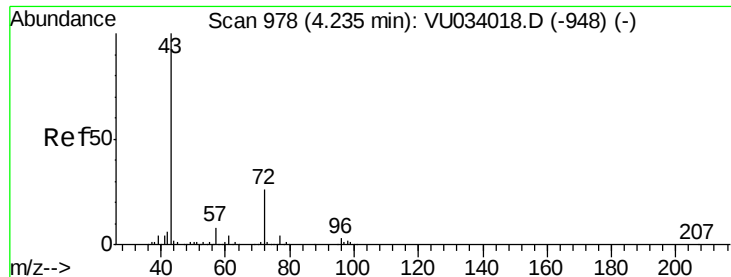


Abundance Ion 62.90 (62.60 to 63.60): VU034112.D (-632) (-)

Ion 97.90 (97.60 to 98.60): VU034112.D (-632) (-)

Ion 99.90 (99.60 to 100.60): VU034112.D (-632) (-)

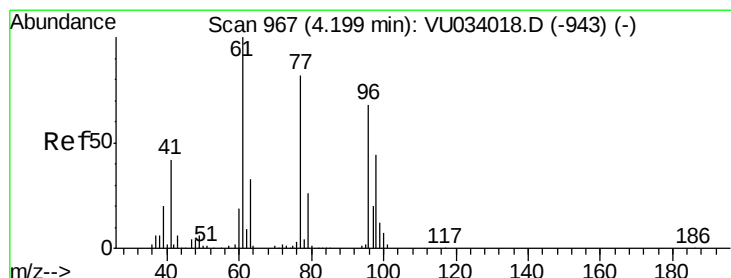
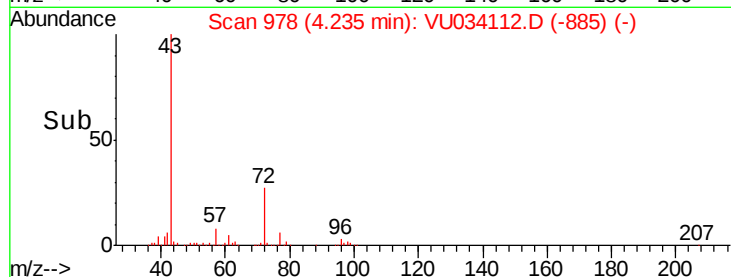
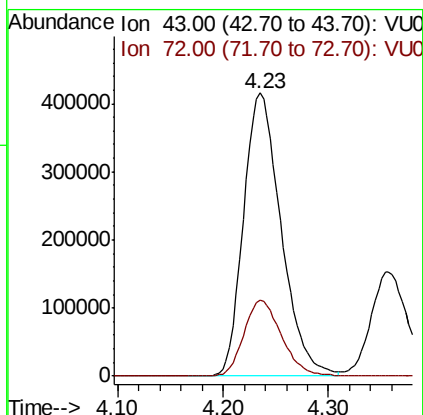
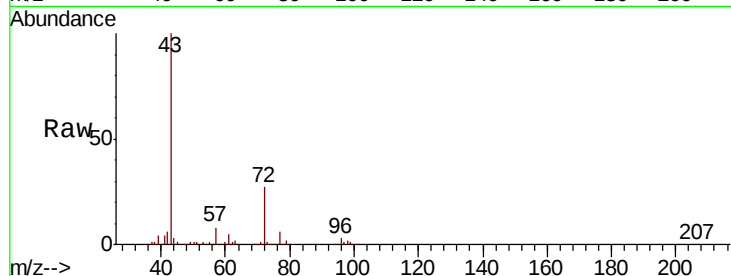




#25
 2-Butanone
 Concen: 254.604 ug/l
 RT: 4.23 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VU034112.D
 Acq: 30 Aug 2019 20:33

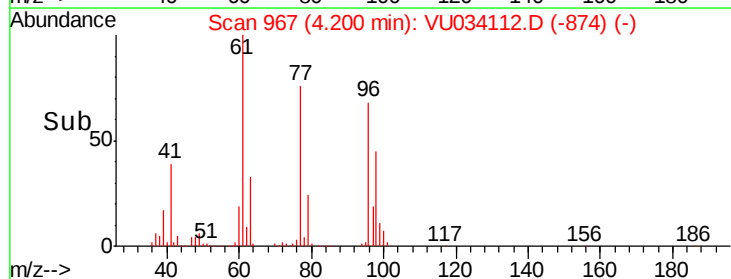
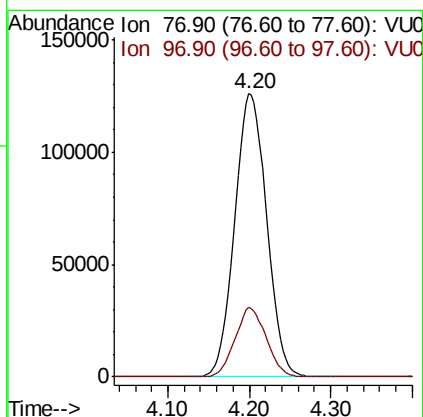
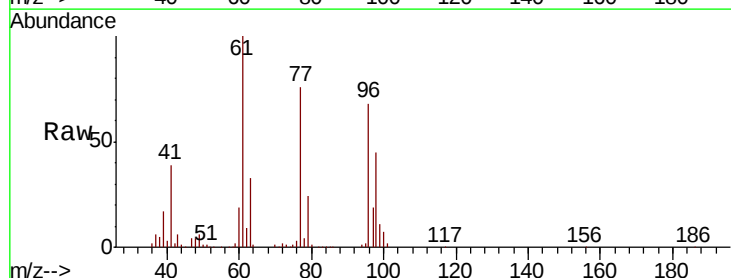
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

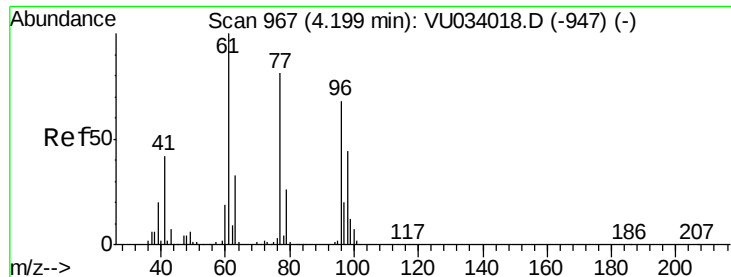
Tgt Ion: 43 Resp: 1024849
 Ion Ratio Lower Upper
 43 100
 72 26.7 21.2 31.8



#26
 2,2-Dichloropropane
 Concen: 46.667 ug/l
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU034112.D
 Acq: 30 Aug 2019 20:33

Tgt Ion: 77 Resp: 342178
 Ion Ratio Lower Upper
 77 100
 97 23.8 11.6 34.7



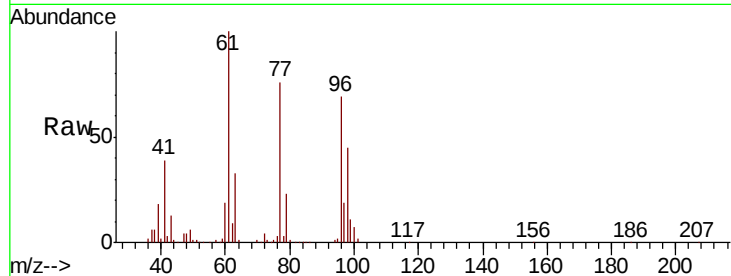


#27

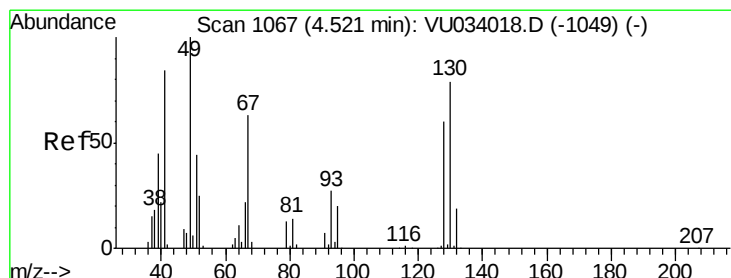
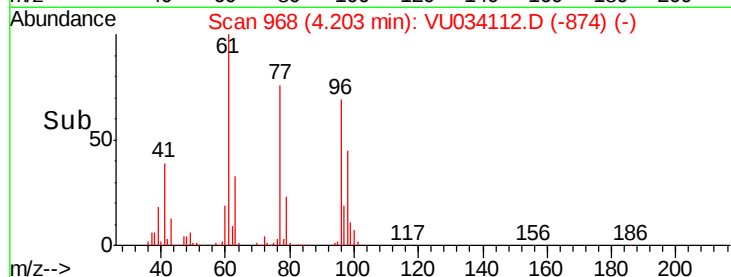
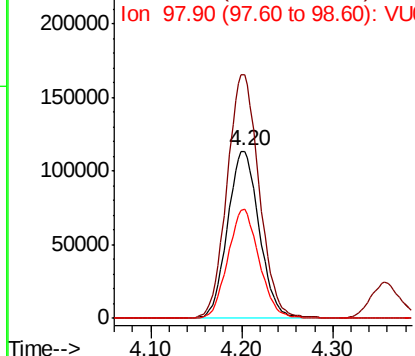
cis-1,2-Dichloroethene
 Concen: 51.022 ug/l
 RT: 4.20 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: VU034112.D
 Acq: 30 Aug 2019 20:33

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 275348
 Ion Ratio Lower Upper
 96 100
 61 147.8 0.0 303.0
 98 64.5 0.0 129.2



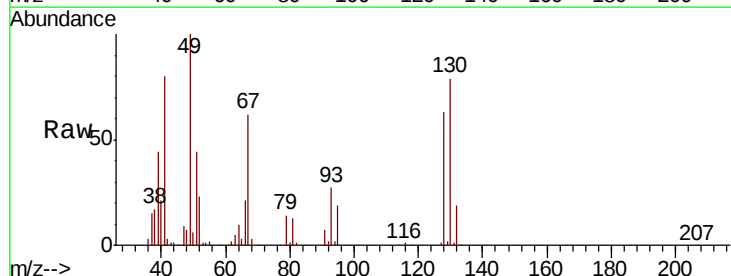
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



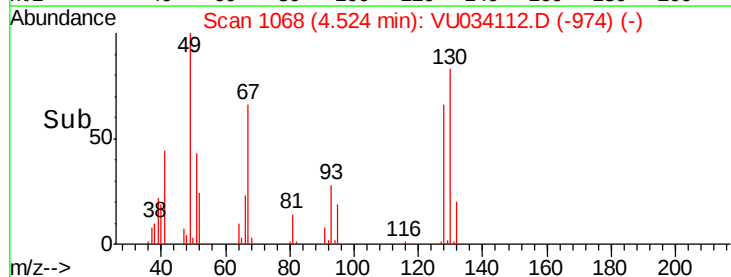
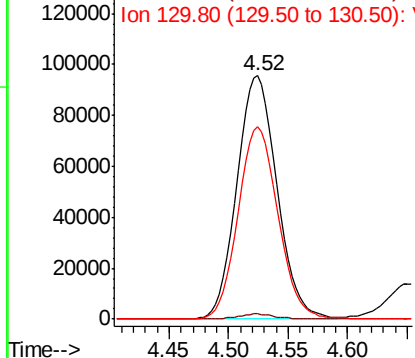
#28

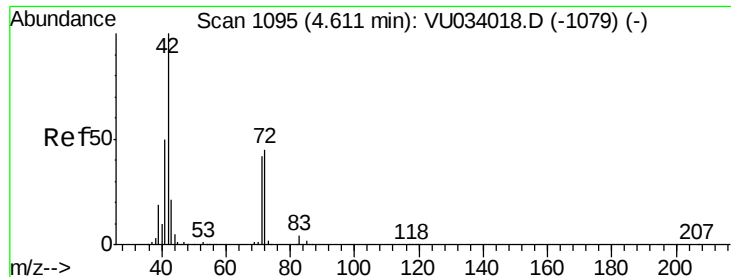
Bromochloromethane
 Concen: 50.371 ug/l
 RT: 4.52 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VU034112.D
 Acq: 30 Aug 2019 20:33

Tgt Ion: 49 Resp: 223625
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.6
 130 78.8 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

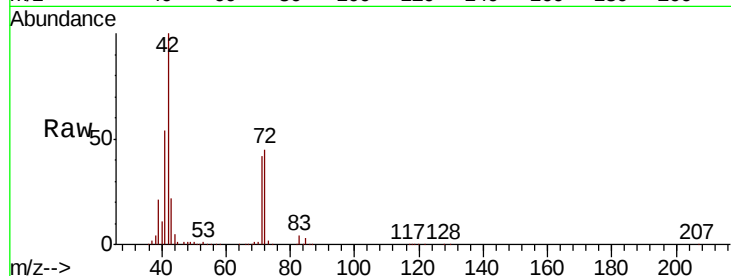




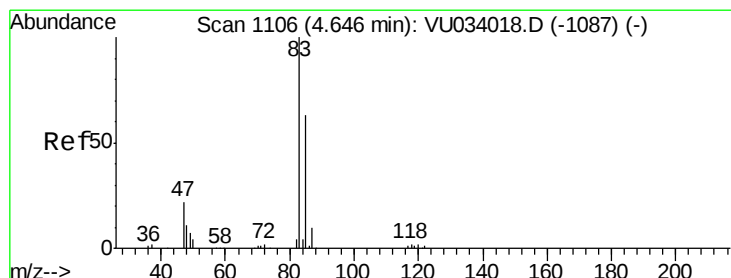
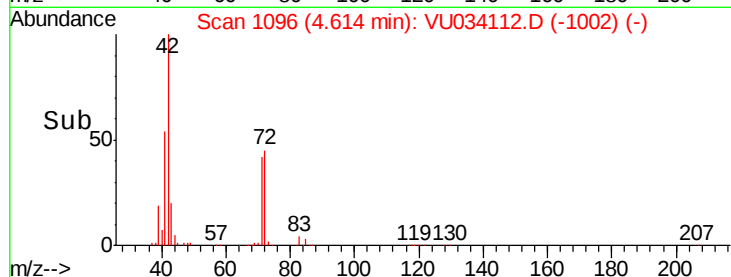
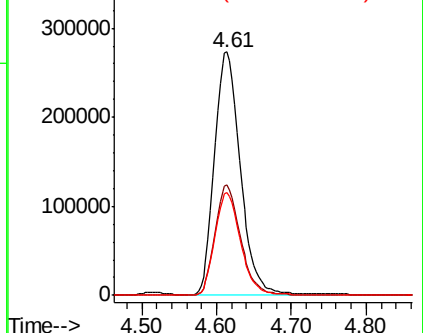
#29
Tetrahydrofuran
Concen: 264.734 ug/l
RT: 4.61 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VU034112.D
Acq: 30 Aug 2019 20:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 657172
Ion Ratio Lower Upper
42 100
72 44.9 35.8 53.6
71 42.1 34.0 51.0

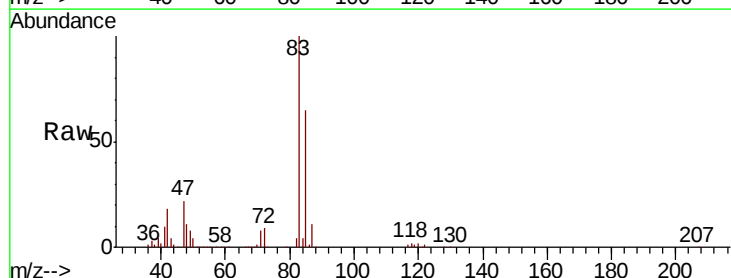


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

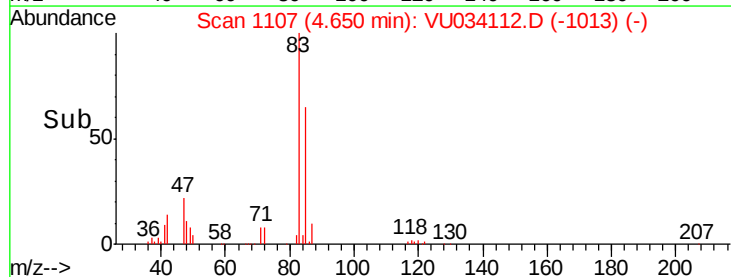
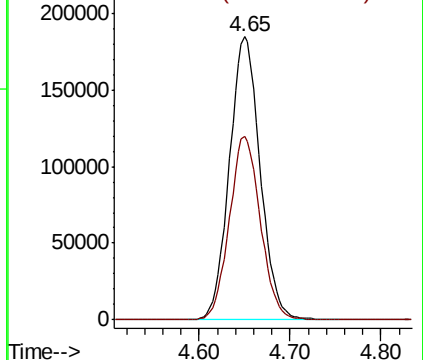


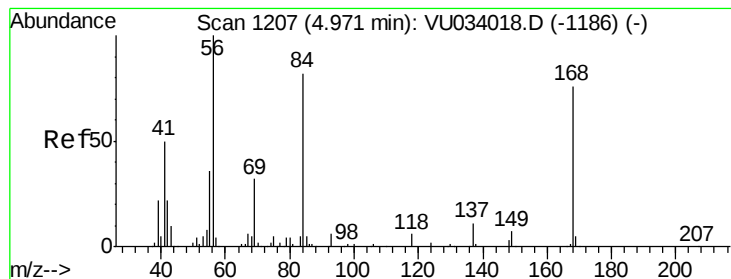
#30
Chloroform
Concen: 48.278 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU034112.D
Acq: 30 Aug 2019 20:33

Tgt Ion: 83 Resp: 434057
Ion Ratio Lower Upper
83 100
85 64.8 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0





#31

Cyclohexane

Concen: 46.034 ug/l

RT: 4.97 min Scan# 1207

Delta R.T. 0.00 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

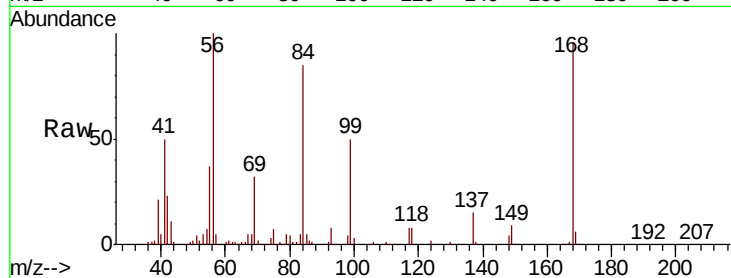
Tgt Ion: 56 Resp: 389789

Ion Ratio Lower Upper

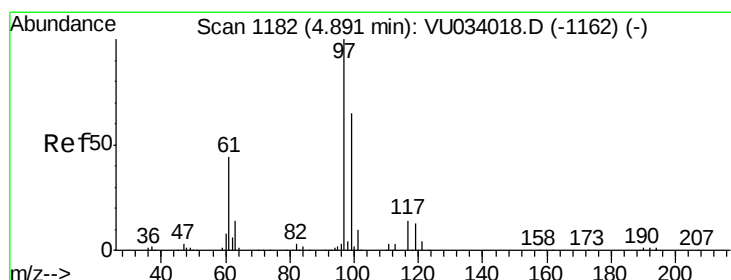
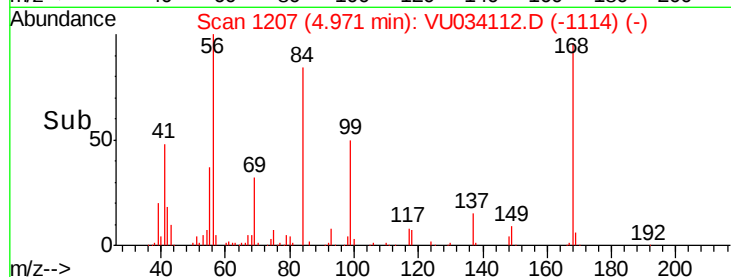
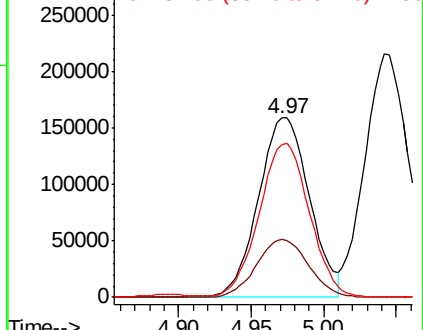
56 100

69 32.0 25.4 38.0

84 84.5 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: 49.709 ug/l

RT: 4.89 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

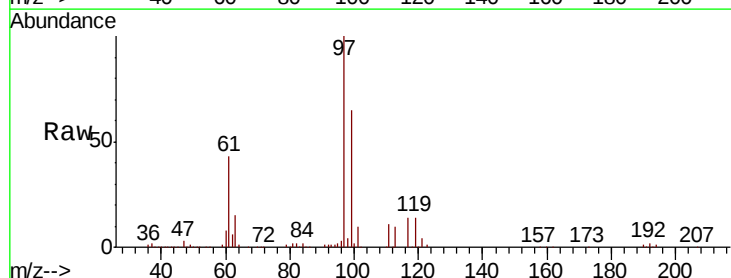
Tgt Ion: 97 Resp: 366028

Ion Ratio Lower Upper

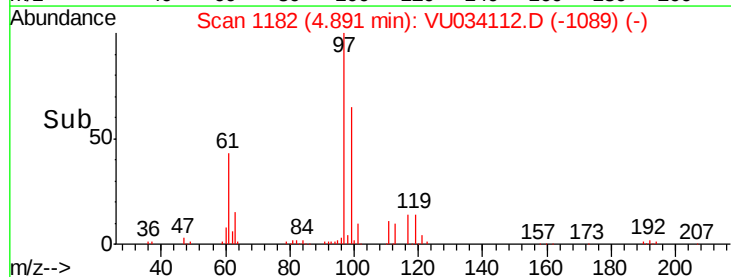
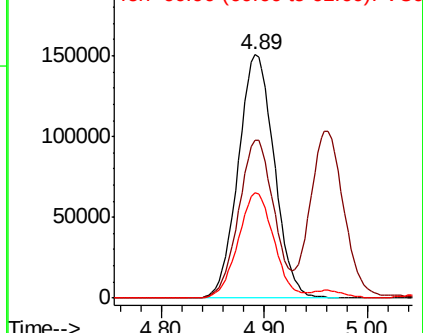
97 100

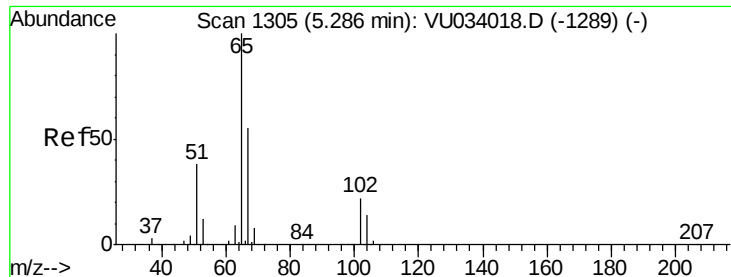
99 63.7 51.8 77.6

61 43.2 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: 48.889 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

Instrument :

MSVOA_U

ClientSampleId :

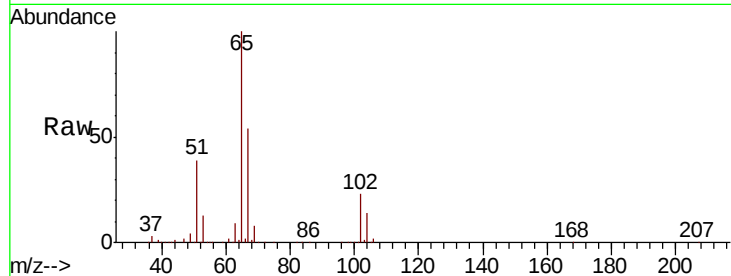
VSTDCCC050EC

Tgt Ion: 65 Resp: 277214

Ion Ratio Lower Upper

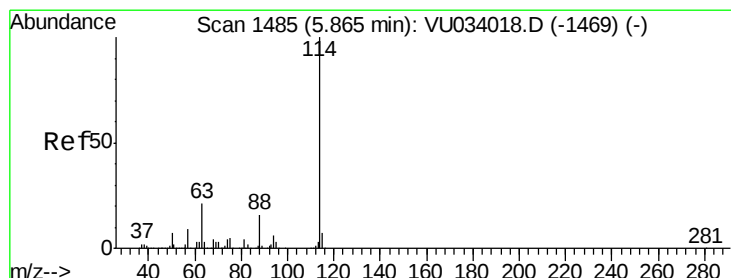
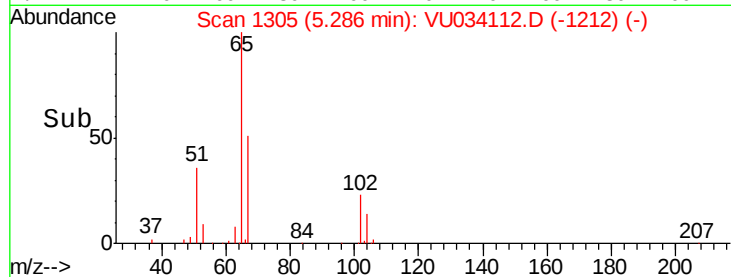
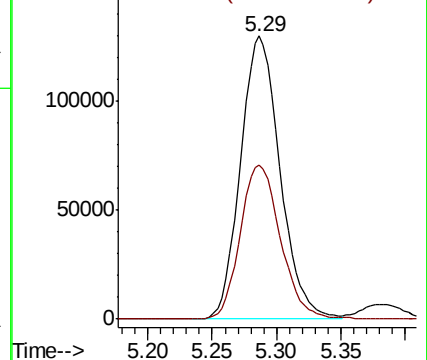
65 100

67 55.5 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034112.D (-1212) (-)

Ion 66.90 (66.60 to 67.60): VU034112.D (-1212) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

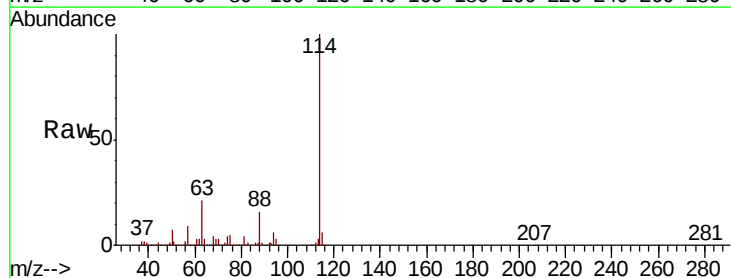
Tgt Ion: 114 Resp: 725626

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.0

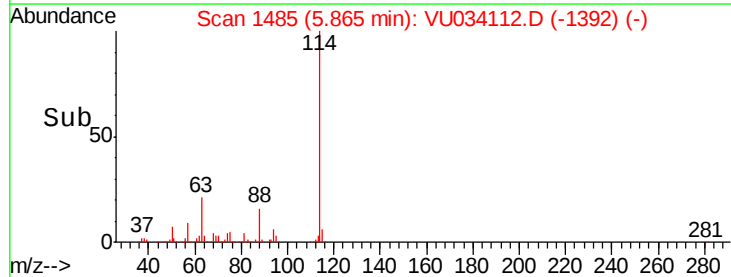
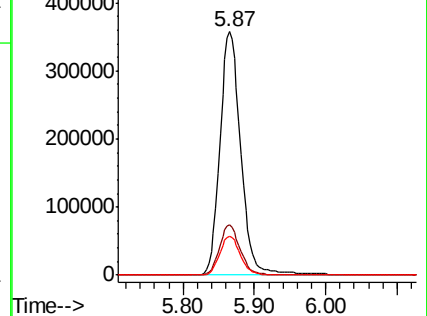
88 16.0 0.0 32.0

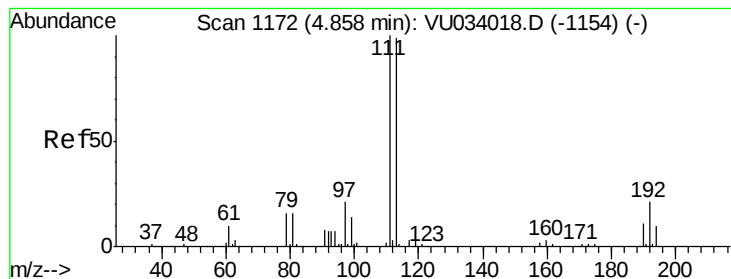


Abundance Ion 113.90 (113.60 to 114.60): VU034112.D (-1392) (-)

Ion 63.00 (62.70 to 63.70): VU034112.D (-1392) (-)

Ion 87.90 (87.60 to 88.60): VU034112.D (-1392) (-)





#35

Dibromofluoromethane

Concen: 46.897 ug/l

RT: 4.86 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

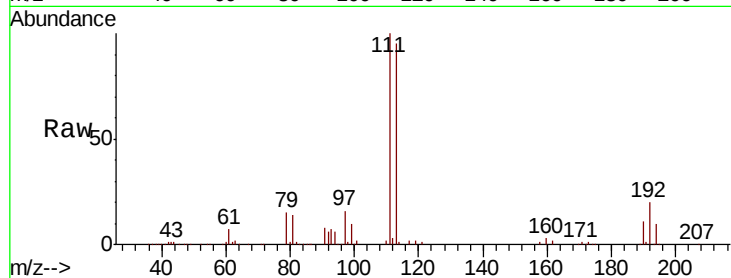
Tgt Ion: 113 Resp: 236026

Ion Ratio Lower Upper

113 100

111 103.4 81.7 122.5

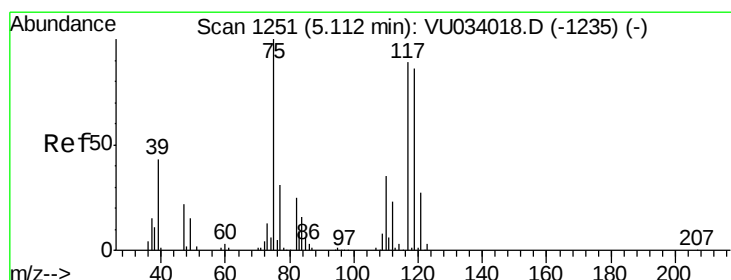
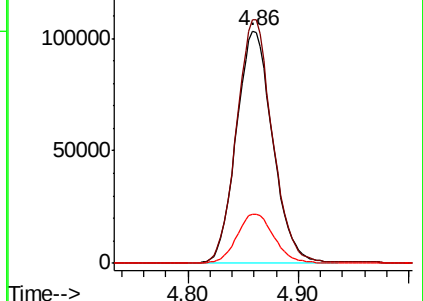
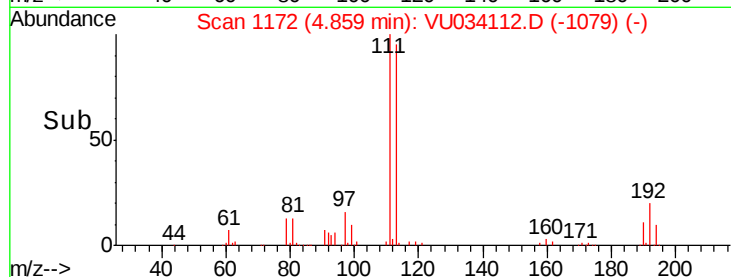
192 21.9 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.835 ug/l

RT: 5.11 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

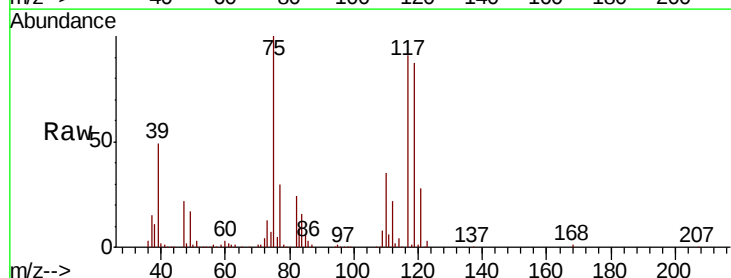
Tgt Ion: 75 Resp: 328316

Ion Ratio Lower Upper

75 100

110 35.6 17.8 53.5

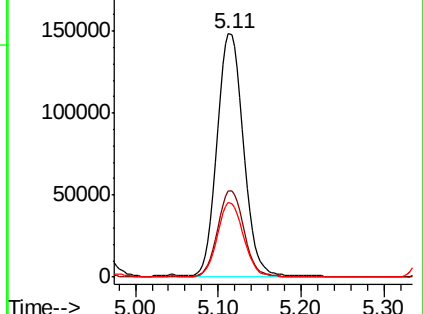
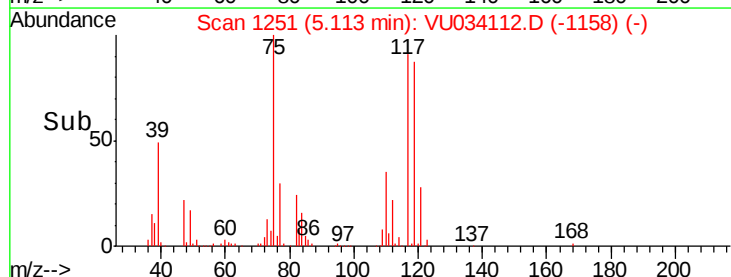
77 29.8 25.0 37.4

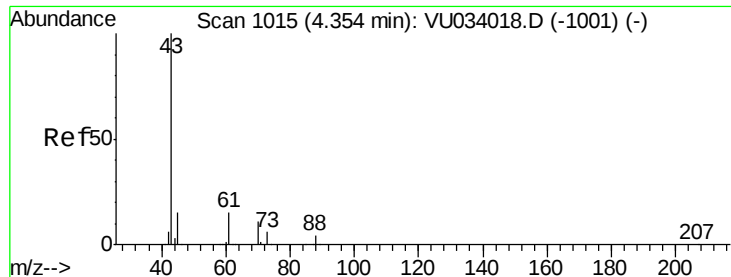


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

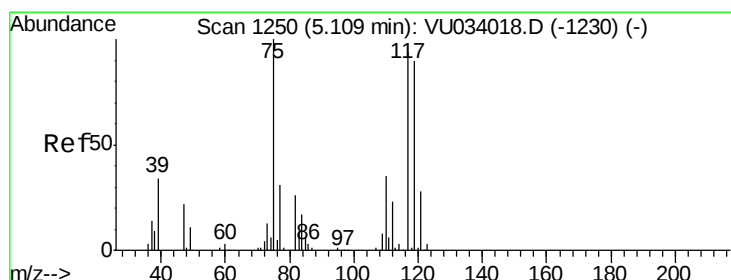
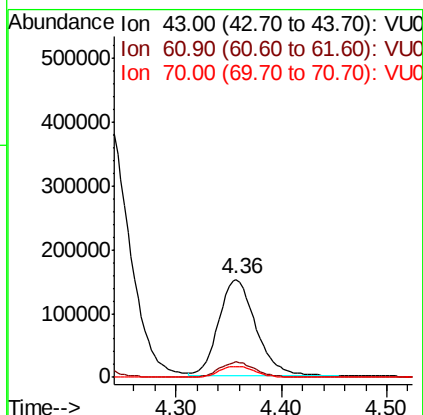
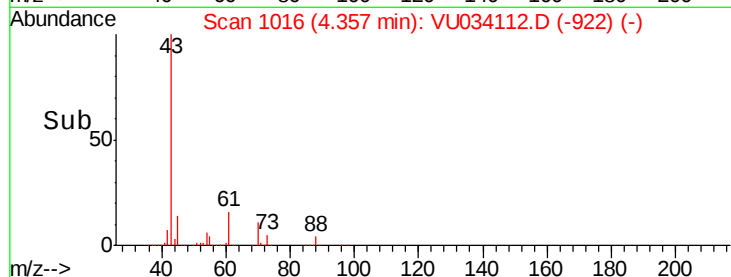
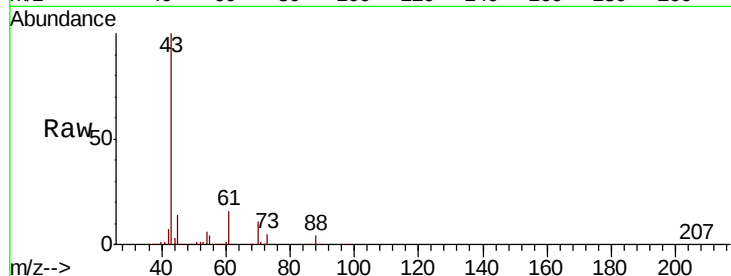




#37
Ethyl Acetate
Concen: 48.623 ug/l
RT: 4.36 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VU034112.D
Acq: 30 Aug 2019 20:33

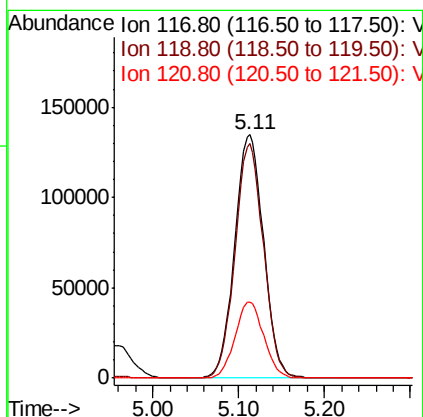
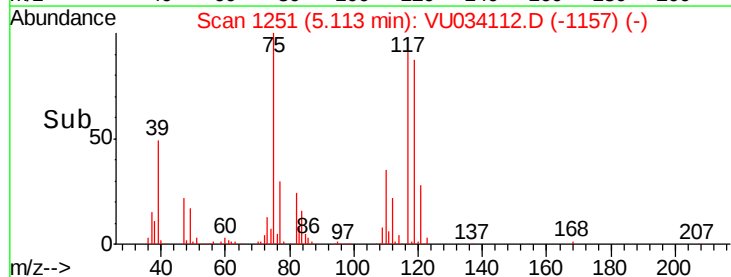
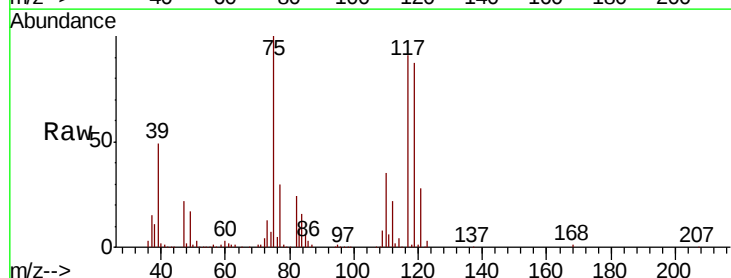
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

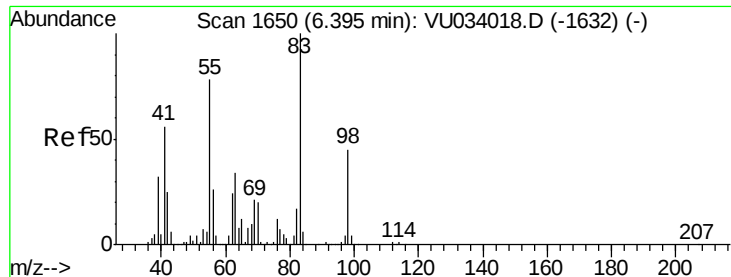
Tgt Ion: 43 Resp: 373710
Ion Ratio Lower Upper
43 100
61 15.2 11.5 17.3
70 11.0 8.6 12.8



#38
Carbon Tetrachloride
Concen: 47.235 ug/l
RT: 5.11 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU034112.D
Acq: 30 Aug 2019 20:33

Tgt Ion: 117 Resp: 312933
Ion Ratio Lower Upper
117 100
119 96.2 77.0 115.4
121 31.4 23.9 35.9

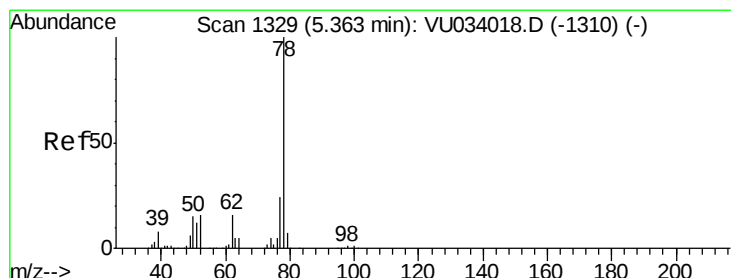
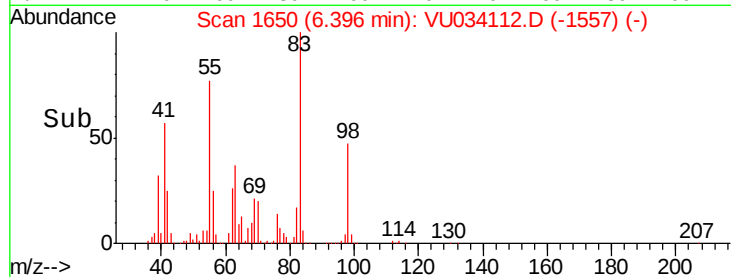
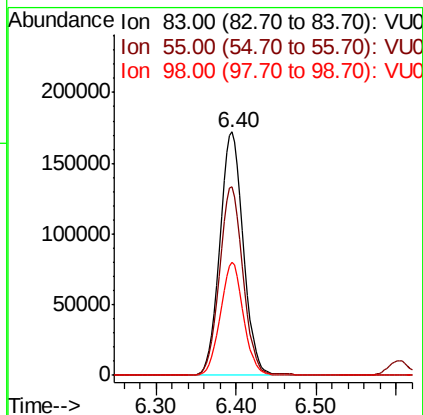
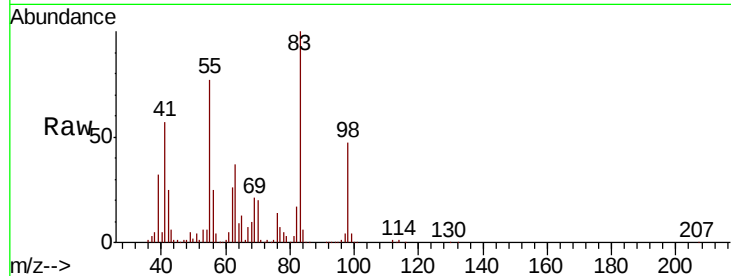




#39
Methylcyclohexane
Concen: 43.214 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VU034112.D
Acq: 30 Aug 2019 20:33

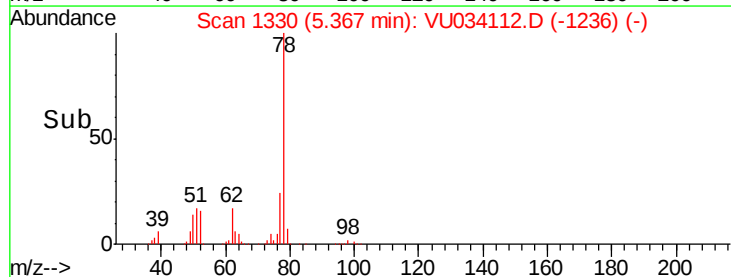
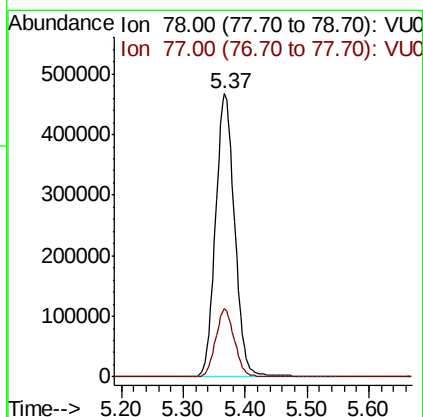
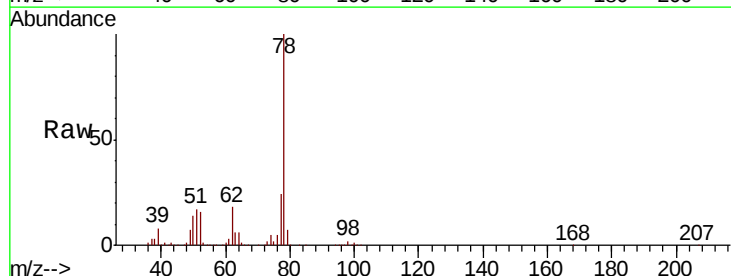
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

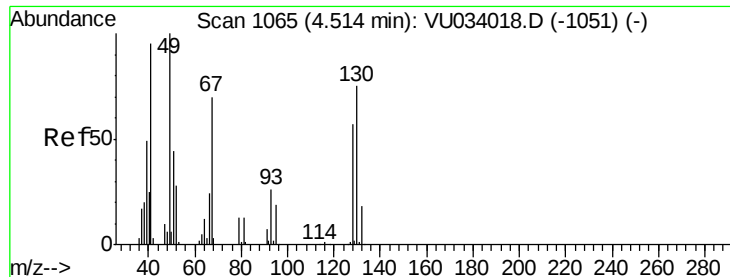
Tgt Ion: 83 Resp: 349583
Ion Ratio Lower Upper
83 100
55 77.4 62.3 93.5
98 46.6 36.2 54.2



#40
Benzene
Concen: 48.329 ug/l
RT: 5.37 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VU034112.D
Acq: 30 Aug 2019 20:33

Tgt Ion: 78 Resp: 1003581
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6

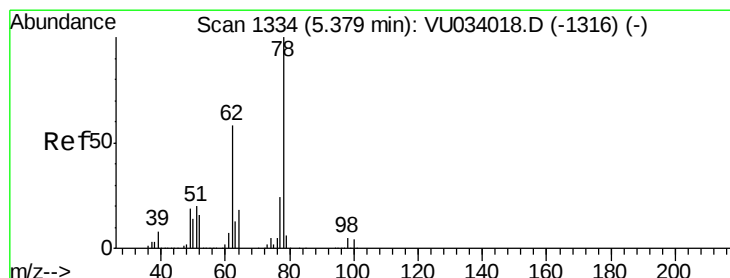
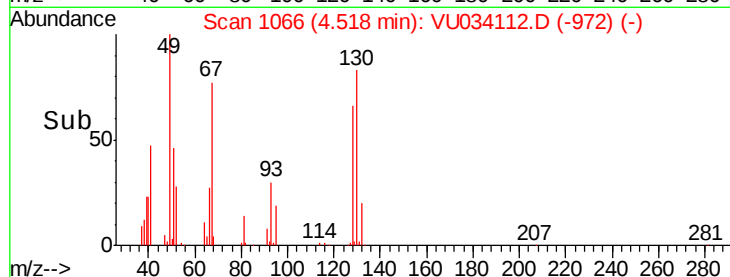
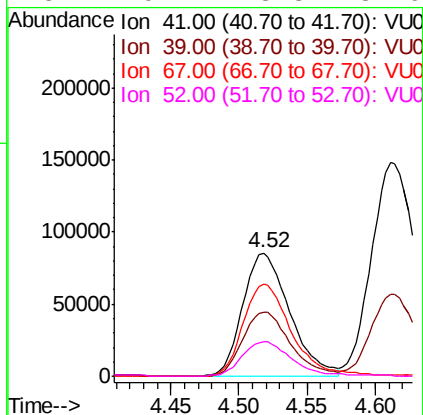
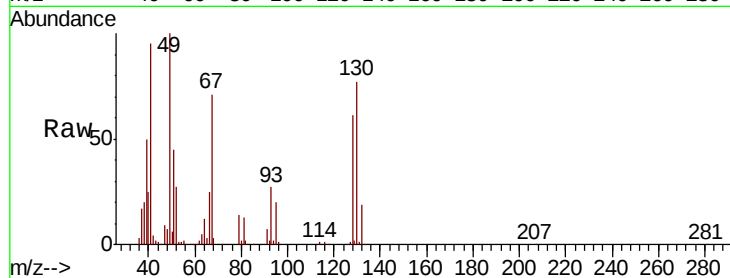




#41
Methacrylonitrile
Concen: 51.507 ug/l
RT: 4.52 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VU034112.D
Acq: 30 Aug 2019 20:33

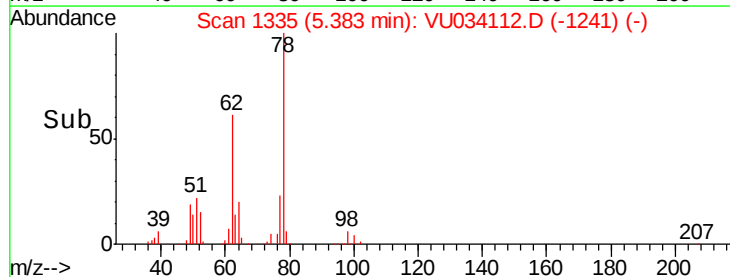
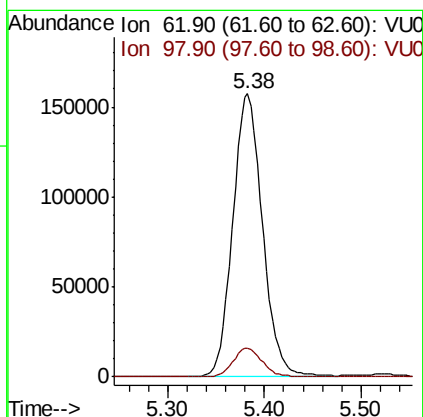
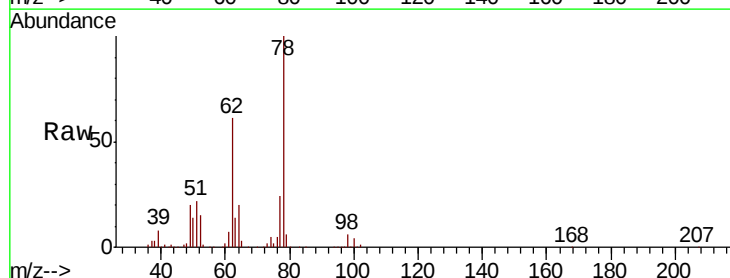
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	203026
Ion	Ratio	Lower	Upper
41	100		
39	52.8	42.1	63.1
67	77.8	61.0	91.4
52	29.1	23.3	34.9



#42
1,2-Dichloroethane
Concen: 46.965 ug/l
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU034112.D
Acq: 30 Aug 2019 20:33

Tgt Ion:	62	Resp:	336778
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.2

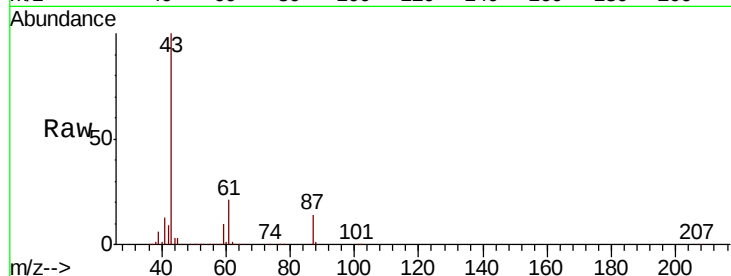




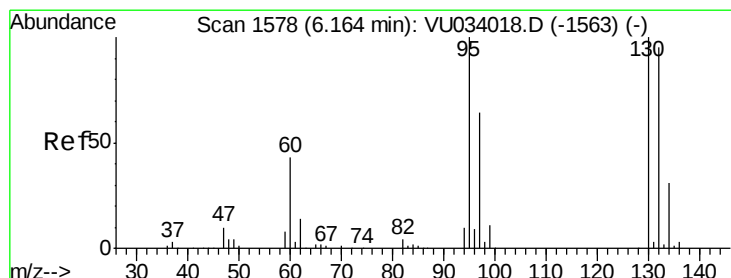
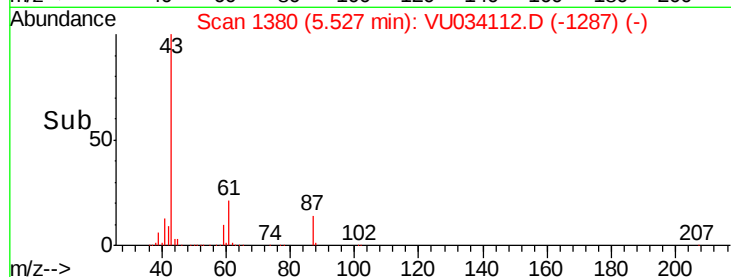
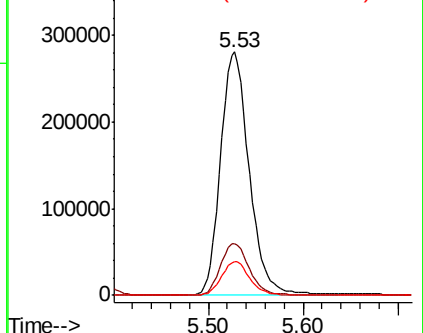
#43
Isopropyl Acetate
Concen: 50.310 ug/l
RT: 5.53 min Scan# 1380
Delta R.T. 0.00 min
Lab File: VU034112.D
Acq: 30 Aug 2019 20:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 588269
Ion Ratio Lower Upper
43 100
61 21.6 17.2 25.8
87 13.7 10.8 16.2

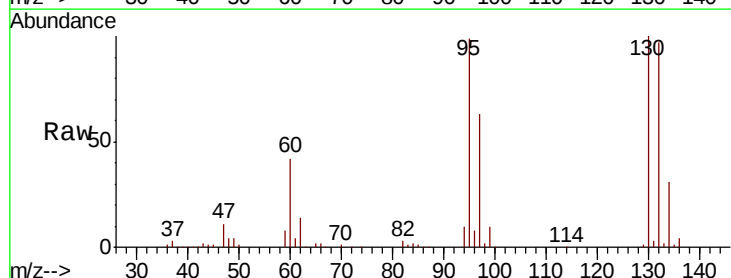


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

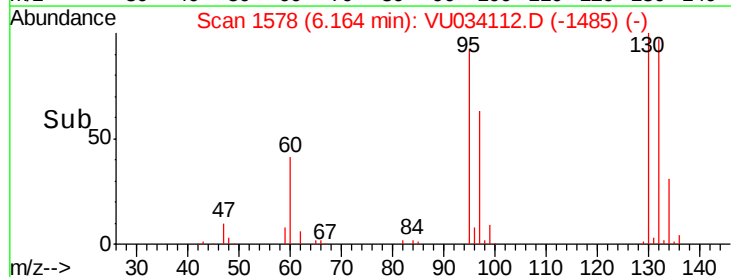
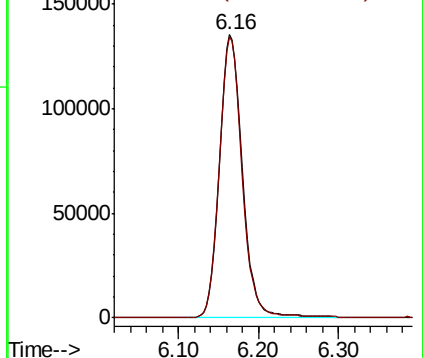


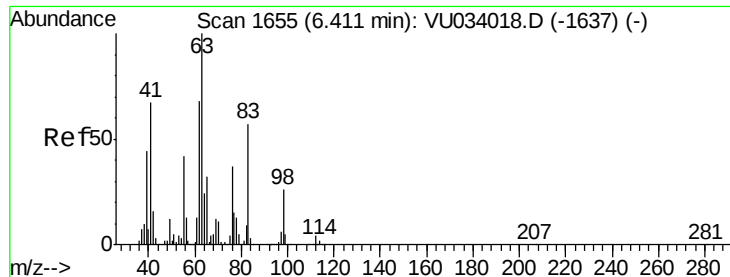
#44
Trichloroethene
Concen: 49.581 ug/l
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU034112.D
Acq: 30 Aug 2019 20:33

Tgt Ion: 130 Resp: 270368
Ion Ratio Lower Upper
130 100
95 99.3 0.0 199.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VU0

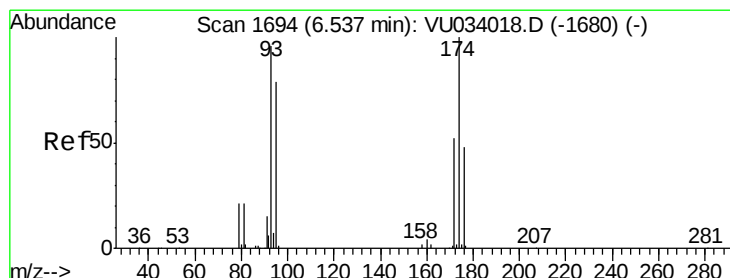
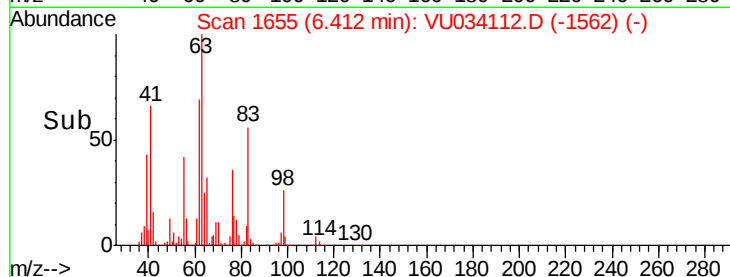
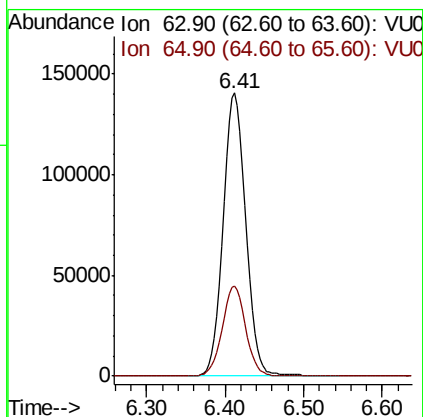
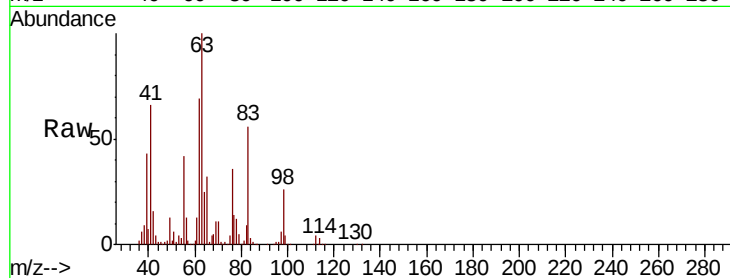




#45
 1,2-Dichloropropane
 Concen: 48.738 ug/l
 RT: 6.41 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: VU034112.D
 Acq: 30 Aug 2019 20:33

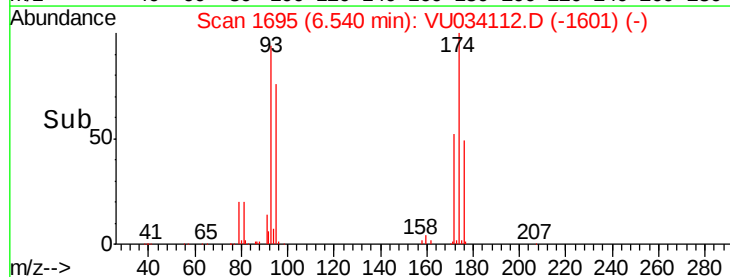
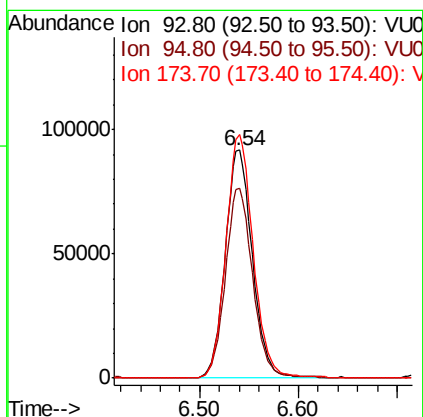
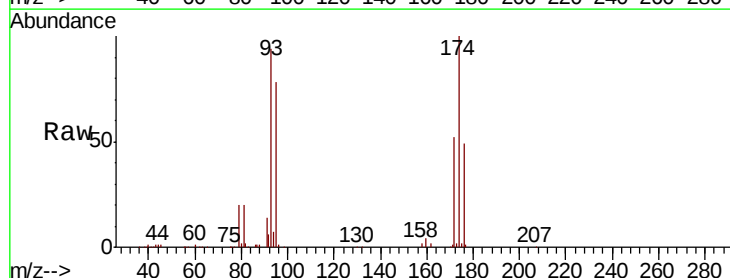
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 278600
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.4 38.2



#46
 Dibromomethane
 Concen: 48.226 ug/l
 RT: 6.54 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU034112.D
 Acq: 30 Aug 2019 20:33

Tgt Ion: 93 Resp: 177606
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.7 100.1
 174 107.0 84.9 127.3





#47

Bromodichloromethane

Concen: 48.020 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

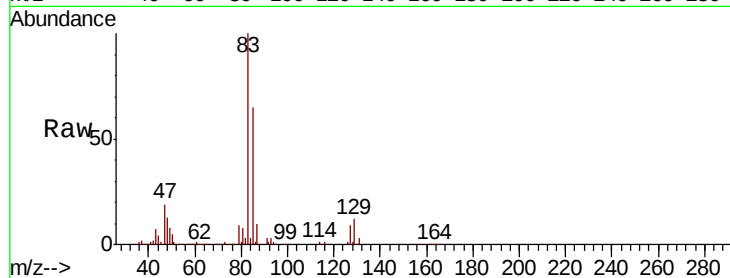
Tgt Ion: 83 Resp: 345998

Ion Ratio Lower Upper

83 100

85 64.8 51.2 76.8

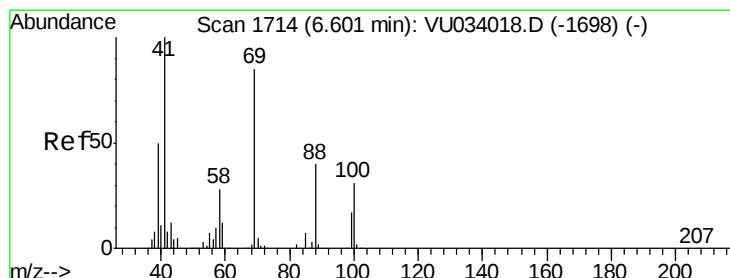
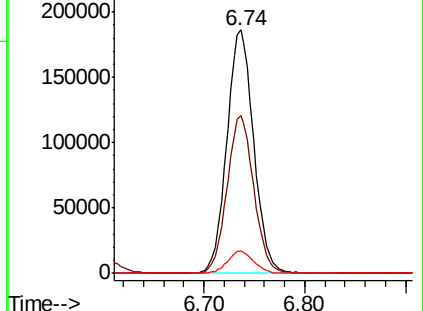
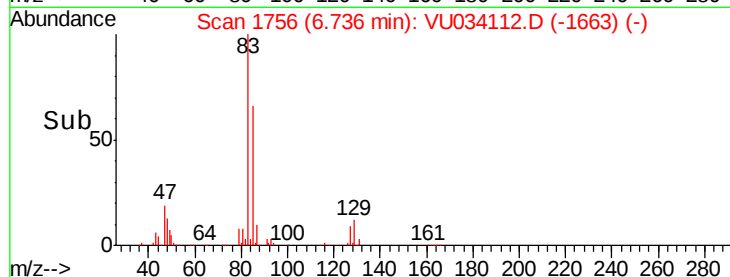
127 9.2 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VU034112.D (-1663) (-)

Ion 84.90 (84.60 to 85.60): VU034112.D (-1663) (-)

Ion 126.80 (126.50 to 127.50): VU034112.D (-1663) (-)



#48

Methyl methacrylate

Concen: 50.407 ug/l

RT: 6.60 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

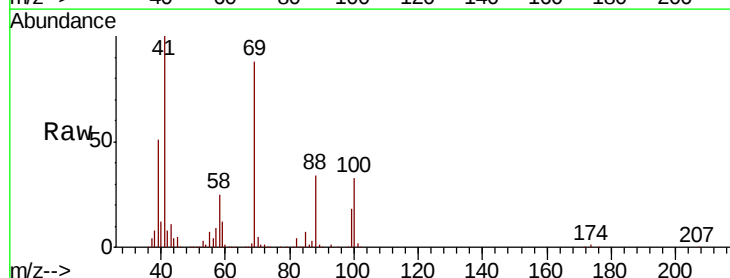
Tgt Ion: 41 Resp: 284418

Ion Ratio Lower Upper

41 100

69 88.8 69.5 104.3

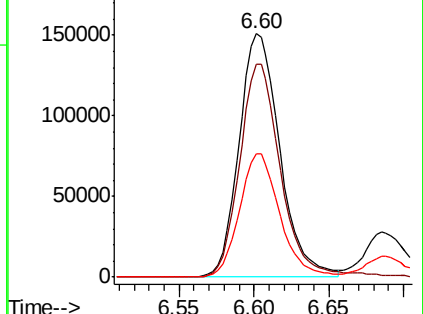
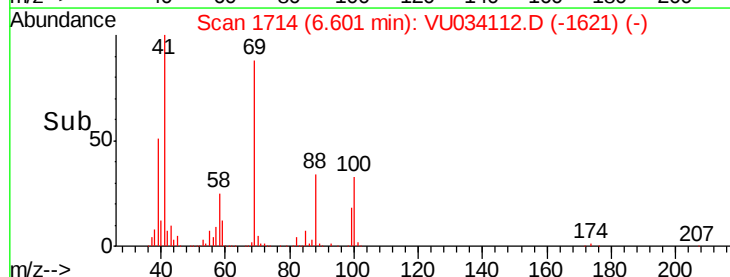
39 50.0 40.3 60.5



Abundance Ion 41.00 (40.70 to 41.70): VU034112.D (-1621) (-)

Ion 69.00 (68.70 to 69.70): VU034112.D (-1621) (-)

Ion 39.00 (38.70 to 39.70): VU034112.D (-1621) (-)

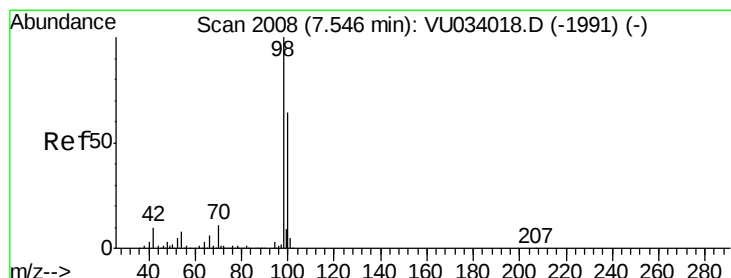
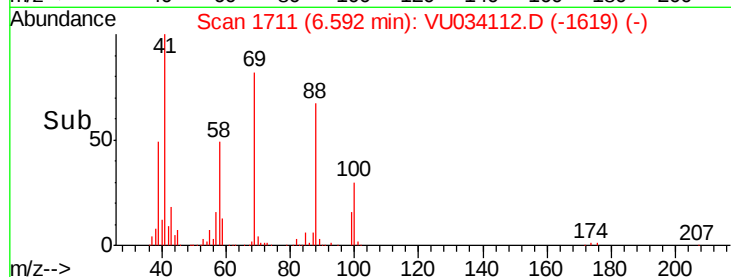
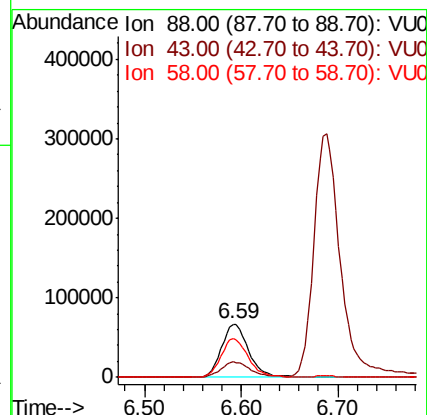
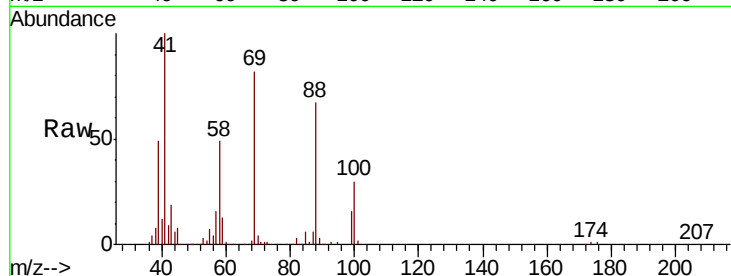




#49
1,4-Dioxane
Concen: 908.968 ug/l
RT: 6.59 min Scan# 1711
Delta R.T. -0.00 min
Lab File: VU034112.D
Acq: 30 Aug 2019 20:33

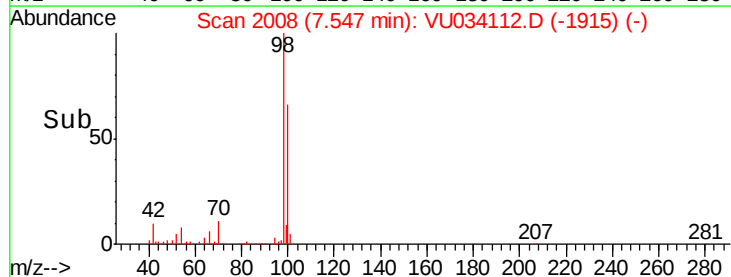
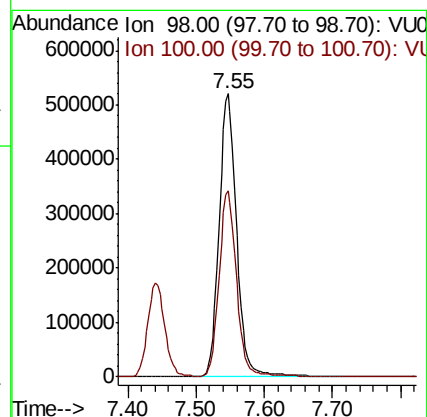
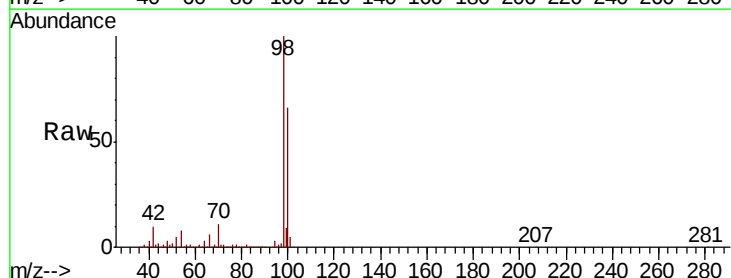
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

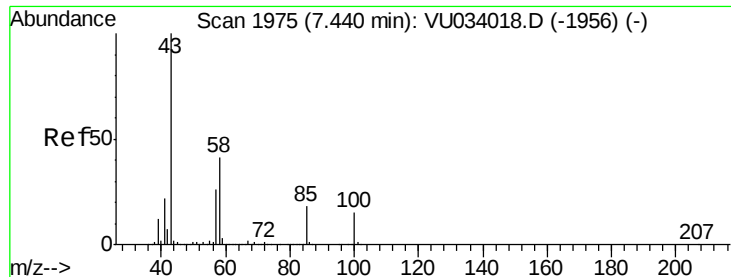
Tgt Ion: 88 Resp: 128505
Ion Ratio Lower Upper
88 100
43 29.1 24.8 37.2
58 74.1 59.3 88.9



#50
Toluene-d8
Concen: 49.302 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034112.D
Acq: 30 Aug 2019 20:33

Tgt Ion: 98 Resp: 929099
Ion Ratio Lower Upper
98 100
100 65.1 50.3 75.5

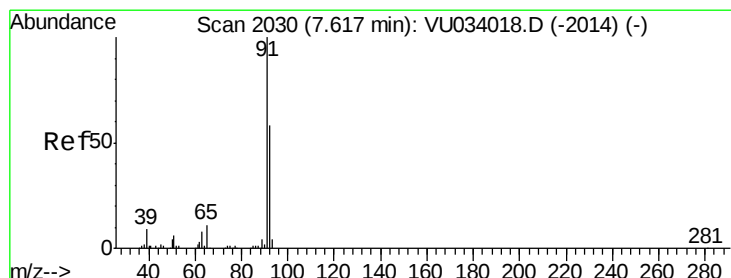
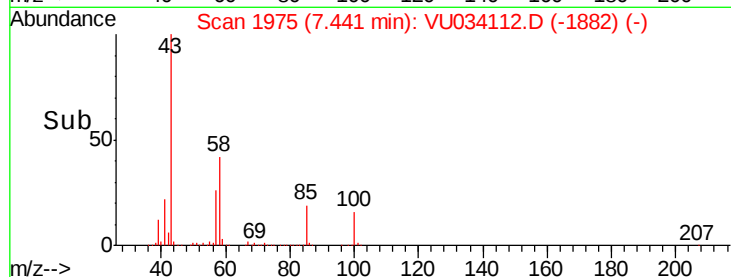
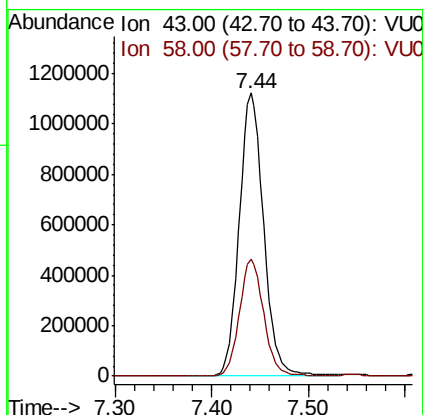
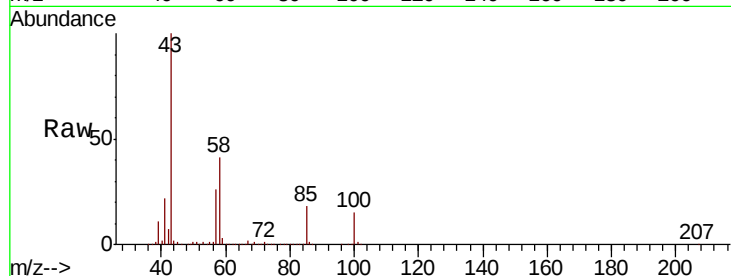




#51
 4-Methyl-2-Pentanone
 Concen: 243.530 ug/l
 RT: 7.44 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: VU034112.D
 Acq: 30 Aug 2019 20:33

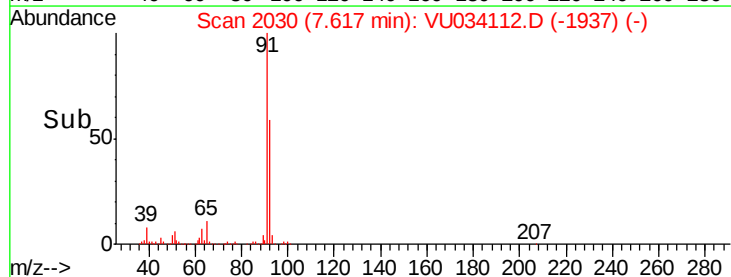
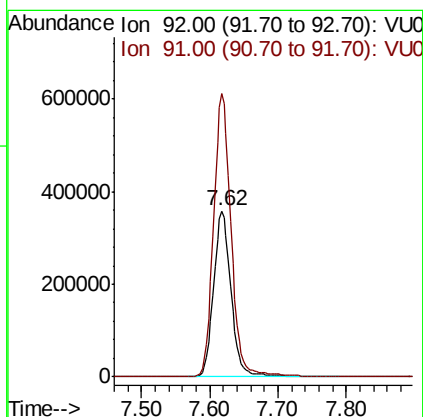
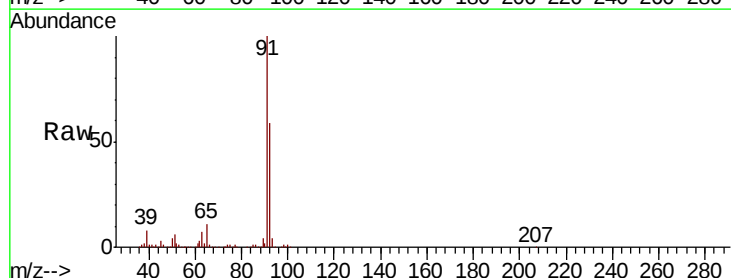
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

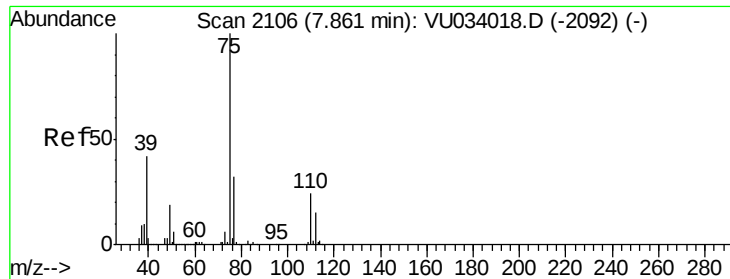
Tgt Ion: 43 Resp: 1966554
 Ion Ratio Lower Upper
 43 100
 58 41.0 32.2 48.4



#52
 Toluene
 Concen: 50.021 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: VU034112.D
 Acq: 30 Aug 2019 20:33

Tgt Ion: 92 Resp: 639871
 Ion Ratio Lower Upper
 92 100
 91 171.8 138.3 207.5

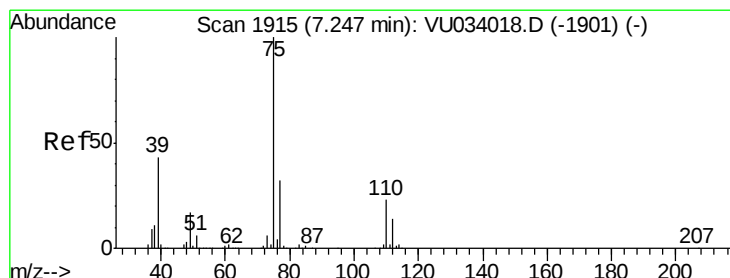
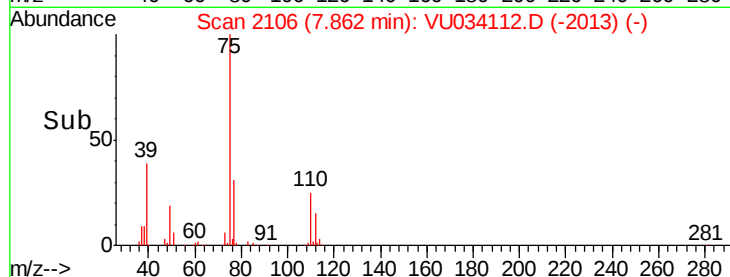
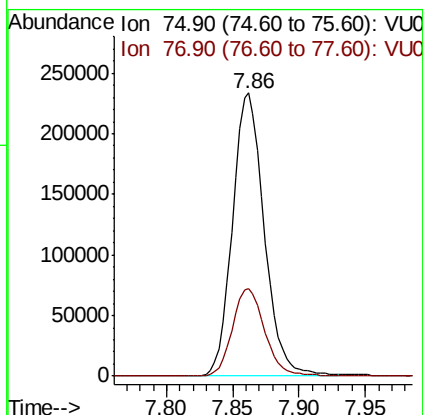
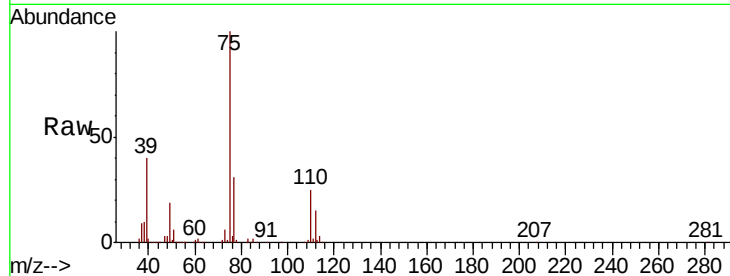




#53
 t-1,3-Dichloropropene
 Concen: 48.615 ug/l
 RT: 7.86 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: VU034112.D
 Acq: 30 Aug 2019 20:33

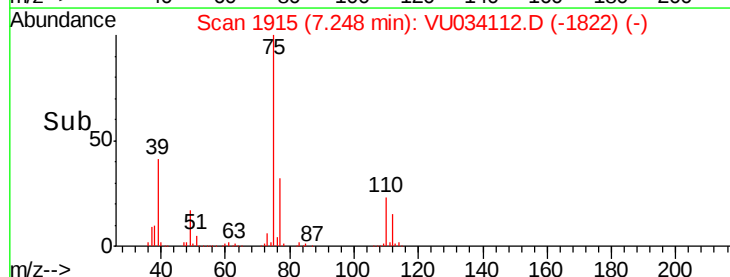
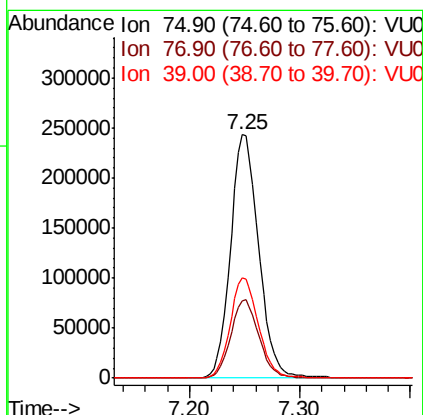
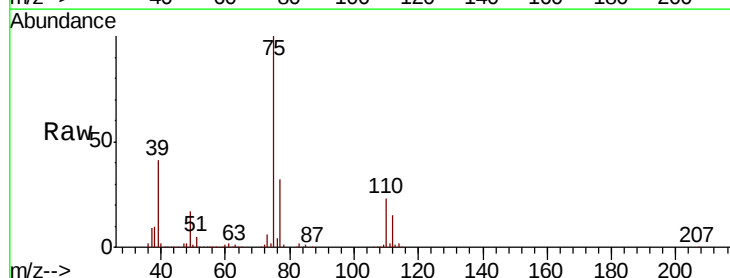
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 388674
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 49.414 ug/l
 RT: 7.25 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VU034112.D
 Acq: 30 Aug 2019 20:33

Tgt Ion: 75 Resp: 431607
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.2 37.8
 39 41.2 34.6 51.8

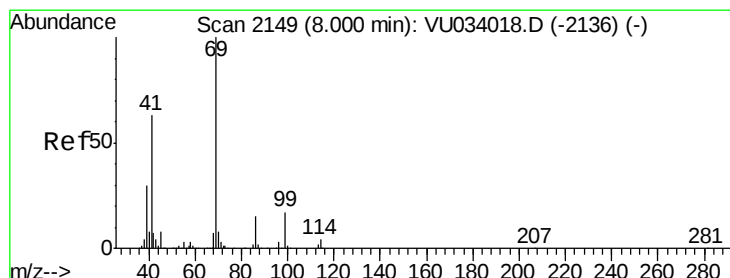
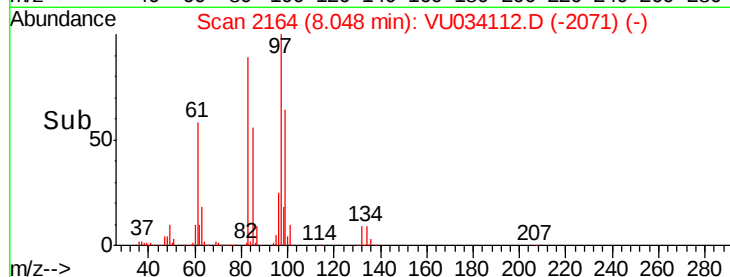
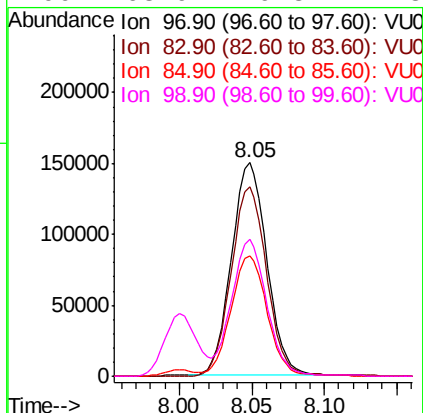
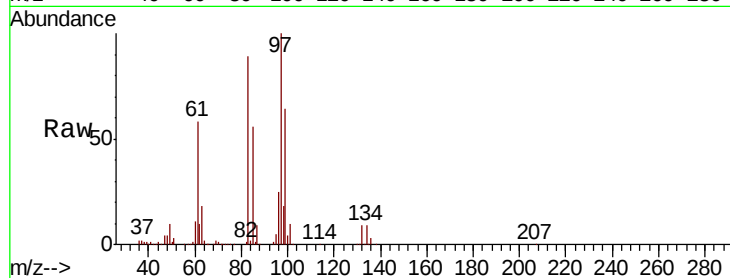




#55
 1,1,2-Trichloroethane
 Concen: 46.853 ug/l
 RT: 8.05 min Scan# 2164
 Delta R.T. 0.00 min
 Lab File: VU034112.D
 Acq: 30 Aug 2019 20:33

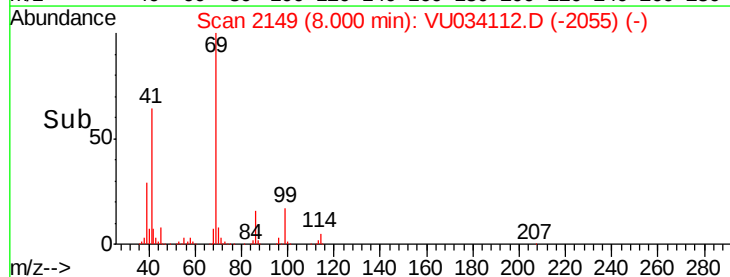
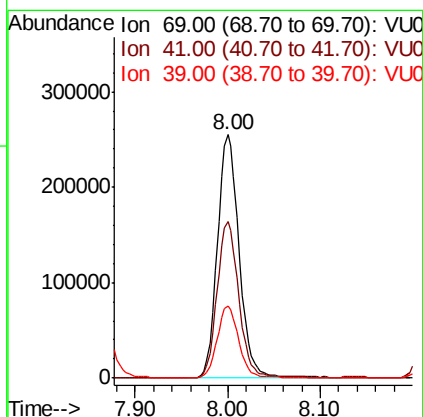
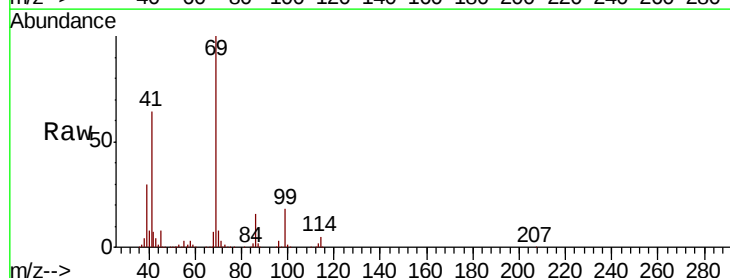
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

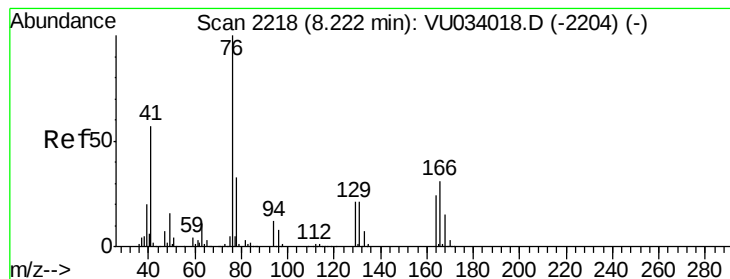
Tgt Ion:	97	Resp:	253518
Ion	Ratio	Lower	Upper
97	100		
83	89.1	70.1	105.1
85	56.2	45.0	67.4
99	63.9	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 46.348 ug/l
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VU034112.D
 Acq: 30 Aug 2019 20:33

Tgt Ion:	69	Resp:	415337
Ion	Ratio	Lower	Upper
69	100		
41	64.2	50.7	76.1
39	28.8	24.2	36.2





#57

1,3-Dichloropropane

Concen: 48.566 ug/l

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

Instrument :

MSVOA_U

ClientSampleId :

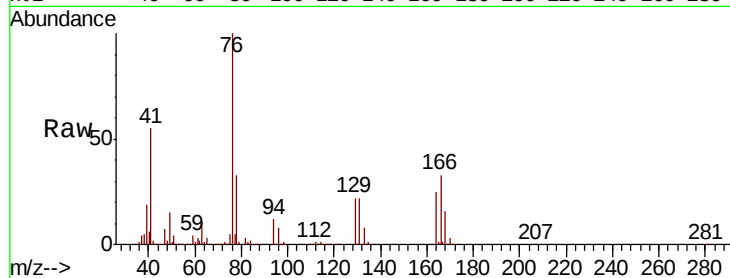
VSTDCCC050EC

Tgt Ion: 76 Resp: 446201

Ion Ratio Lower Upper

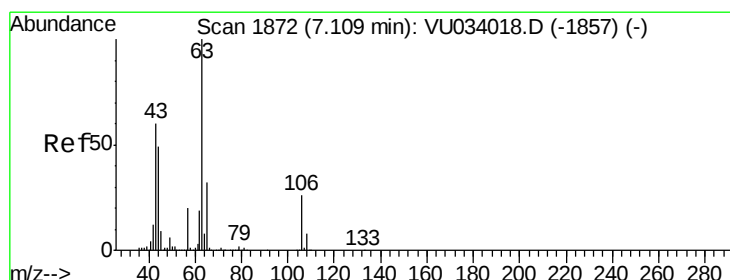
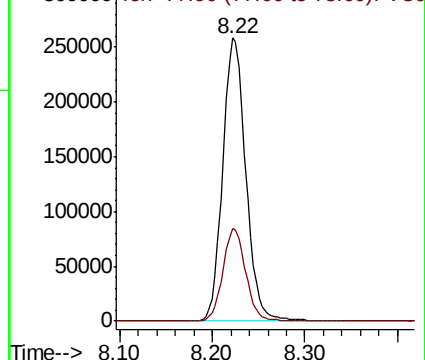
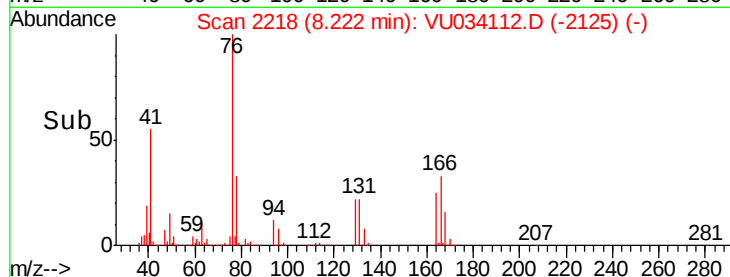
76 100

78 32.2 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VU034112.D (-2125) (-)

Ion 77.90 (77.60 to 78.60): VU034112.D (-2125) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 255.883 ug/l

RT: 7.11 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VU034112.D

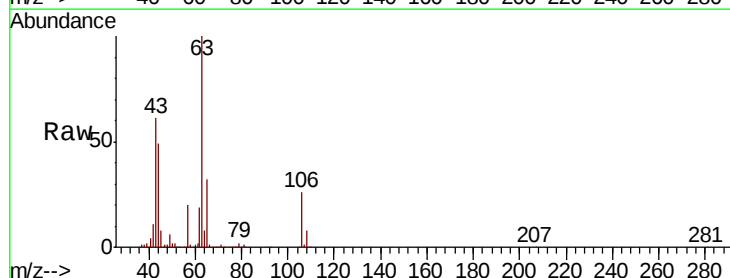
Acq: 30 Aug 2019 20:33

Tgt Ion: 63 Resp: 765986

Ion Ratio Lower Upper

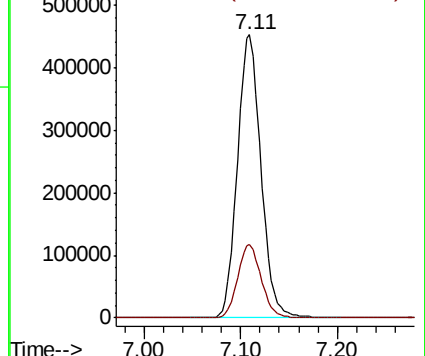
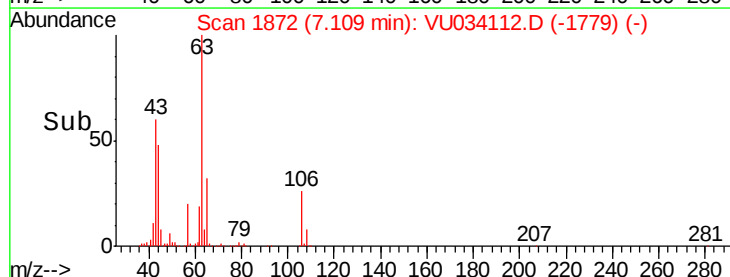
63 100

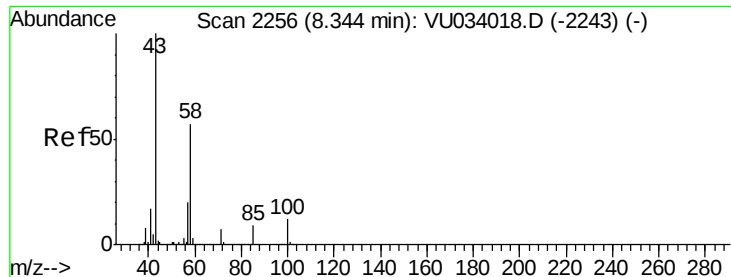
106 25.9 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VU034112.D (-1779) (-)

Ion 105.90 (105.60 to 106.60): VU034112.D (-1779) (-)

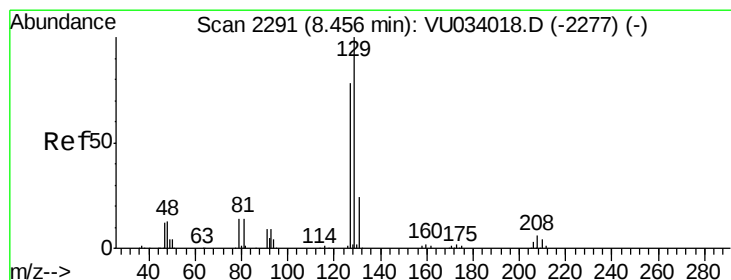
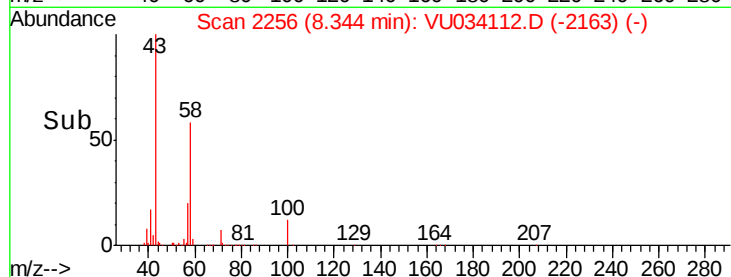
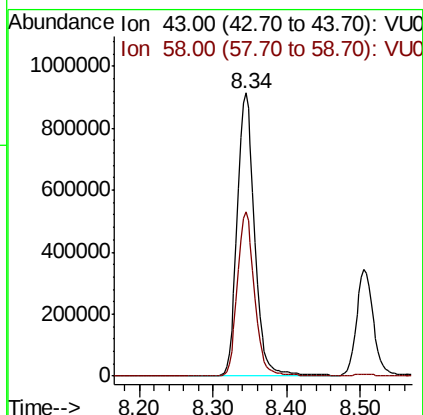
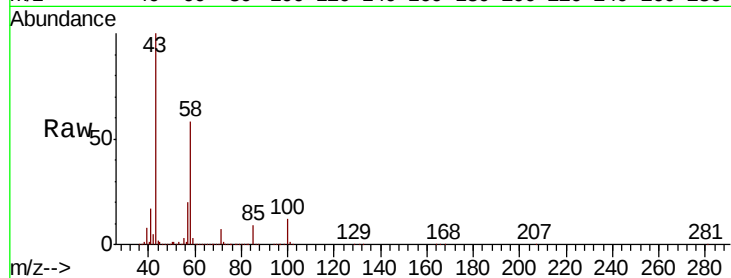




#59
2-Hexanone
Concen: 246.618 ug/l
RT: 8.34 min Scan# 2256
Delta R.T. 0.00 min
Lab File: VU034112.D
Acq: 30 Aug 2019 20:33

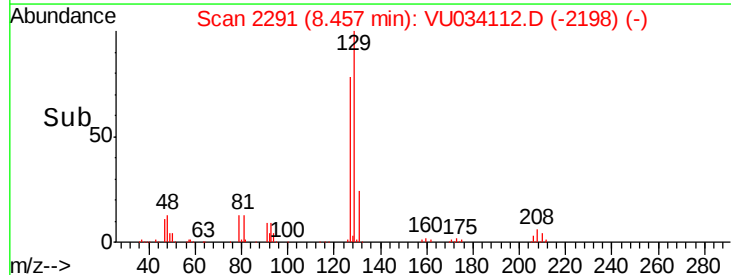
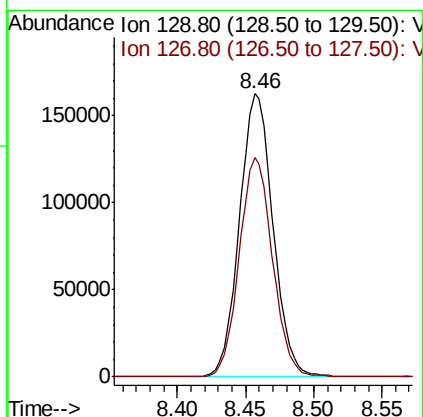
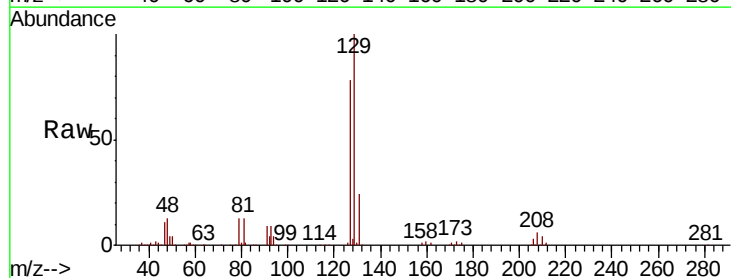
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

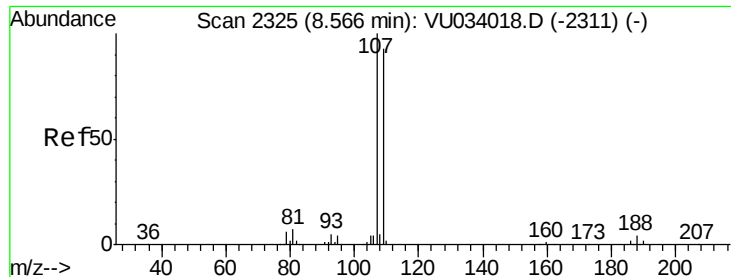
Tgt Ion: 43 Resp: 1503397
Ion Ratio Lower Upper
43 100
58 57.5 28.4 85.3



#60
Dibromochloromethane
Concen: 47.852 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU034112.D
Acq: 30 Aug 2019 20:33

Tgt Ion: 129 Resp: 277940
Ion Ratio Lower Upper
129 100
127 77.0 39.0 116.9

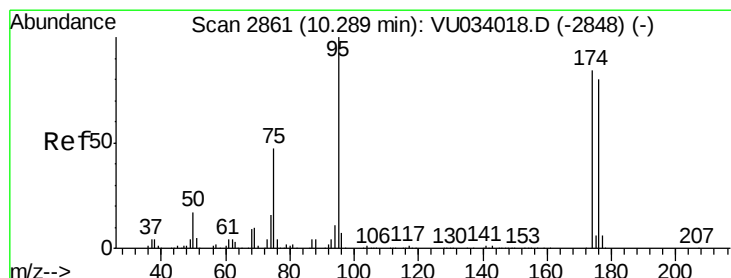
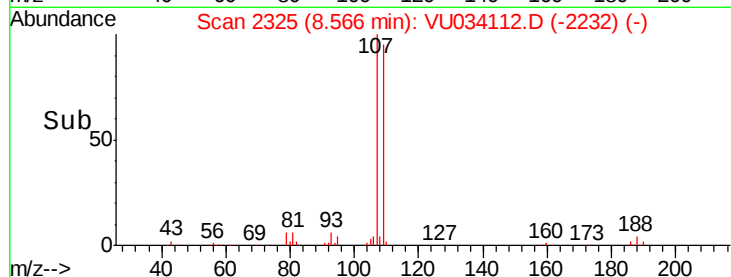
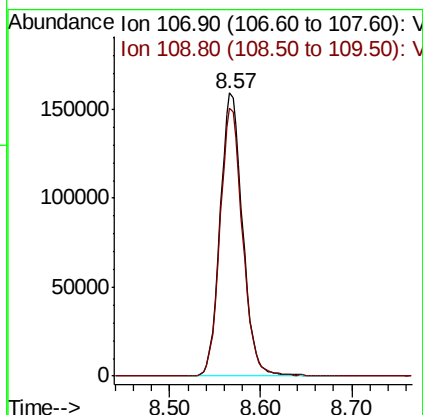
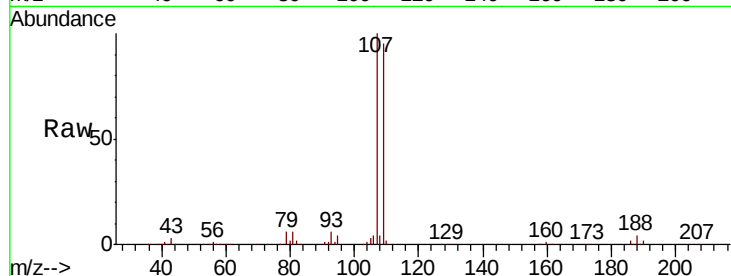




#61
 1,2-Dibromoethane
 Concen: 47.934 ug/l
 RT: 8.57 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: VU034112.D
 Acq: 30 Aug 2019 20:33

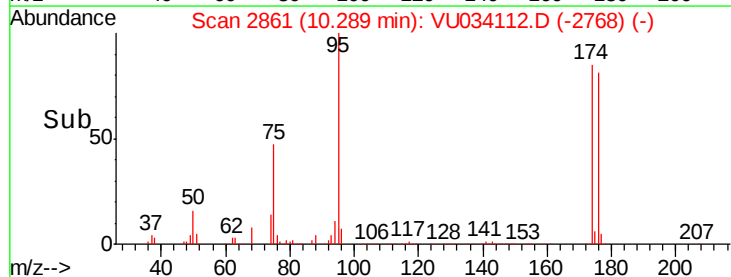
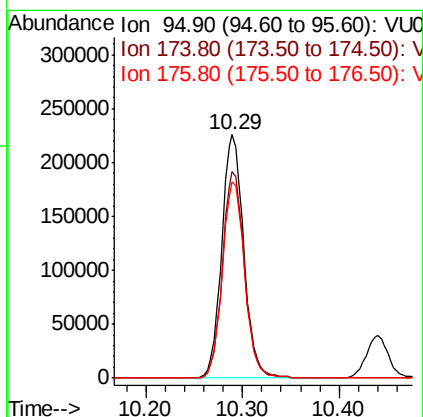
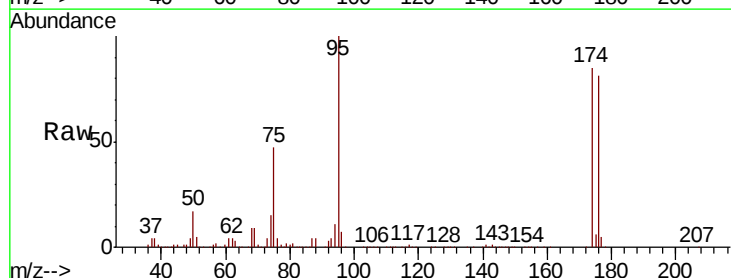
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

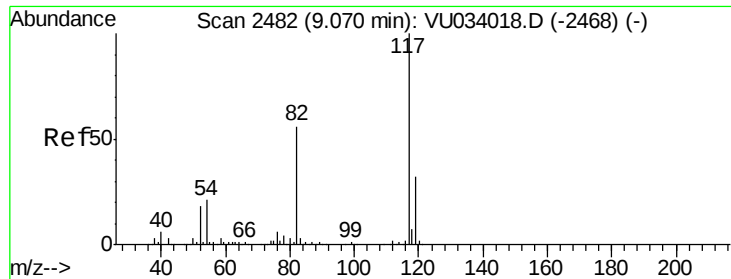
Tgt Ion: 107 Resp: 273223
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 48.673 ug/l
 RT: 10.29 min Scan# 2861
 Delta R.T. 0.00 min
 Lab File: VU034112.D
 Acq: 30 Aug 2019 20:33

Tgt Ion: 95 Resp: 356800
 Ion Ratio Lower Upper
 95 100
 174 85.5 0.0 168.8
 176 81.8 0.0 161.8

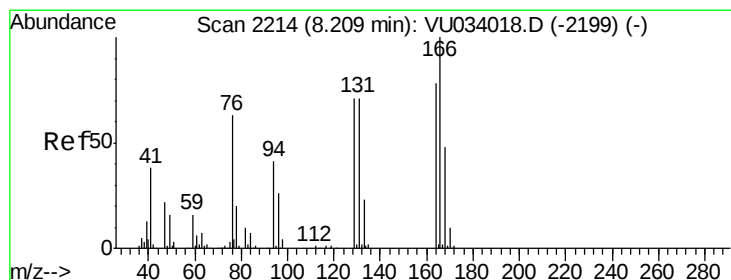
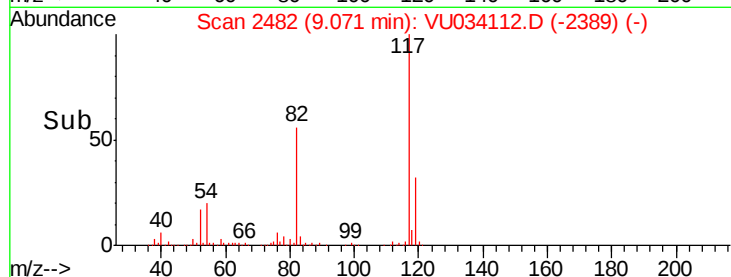
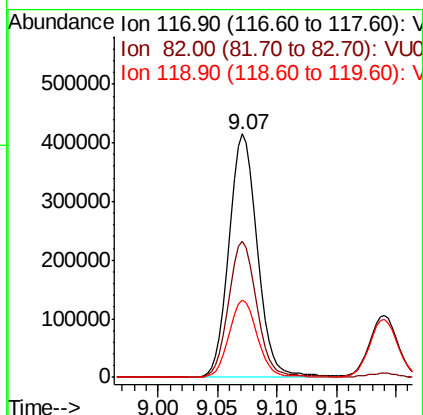
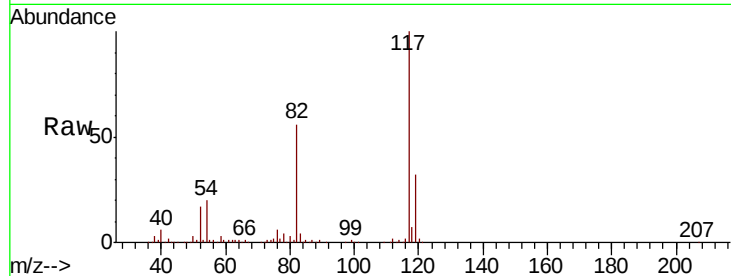




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034112.D
Acq: 30 Aug 2019 20:33

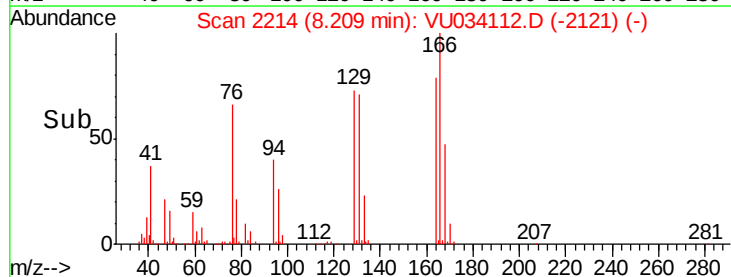
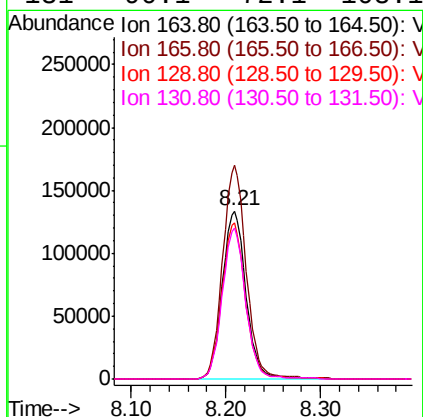
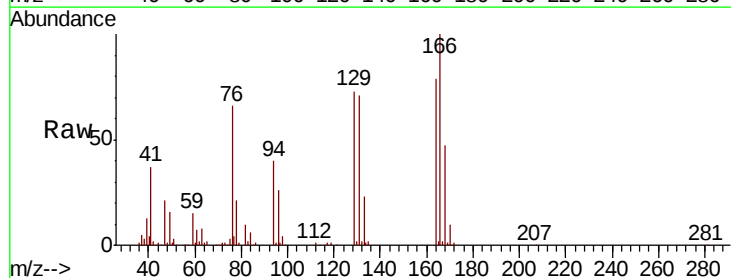
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

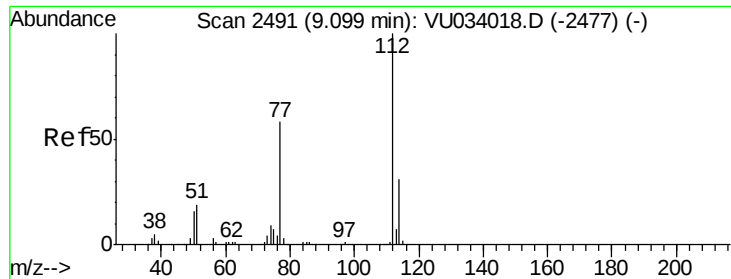
Tgt Ion:117 Resp: 689748
Ion Ratio Lower Upper
117 100
82 55.9 45.1 67.7
119 31.6 25.4 38.0



#64
Tetrachloroethene
Concen: 50.196 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU034112.D
Acq: 30 Aug 2019 20:33

Tgt Ion:164 Resp: 232515
Ion Ratio Lower Upper
164 100
166 127.2 102.2 153.2
129 92.8 72.4 108.6
131 90.1 72.1 108.1

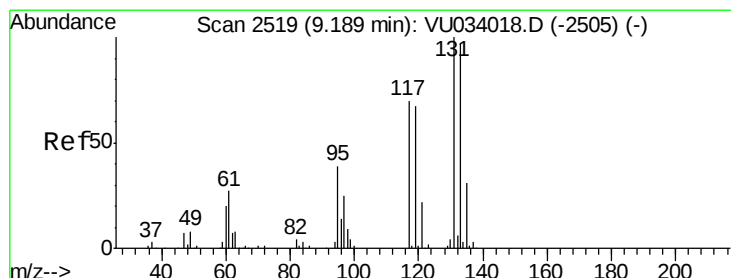
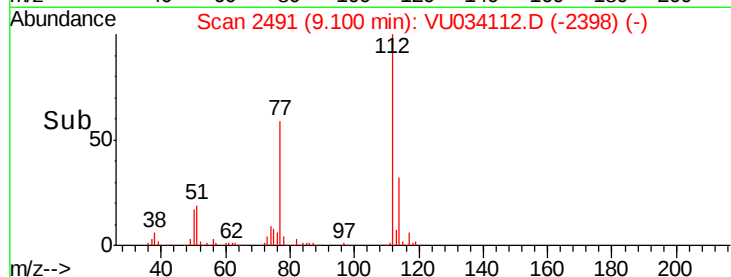
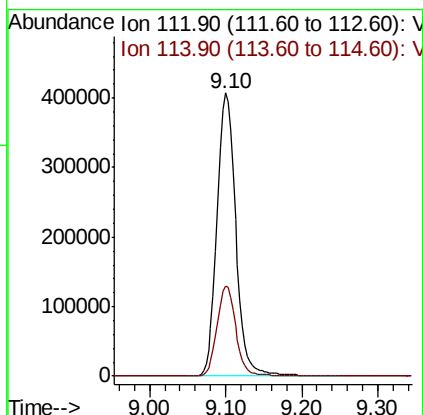
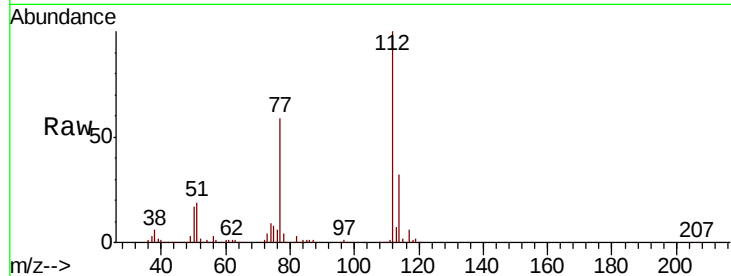




#65
Chlorobenzene
Concen: 49.259 ug/l
RT: 9.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: VU034112.D
Acq: 30 Aug 2019 20:33

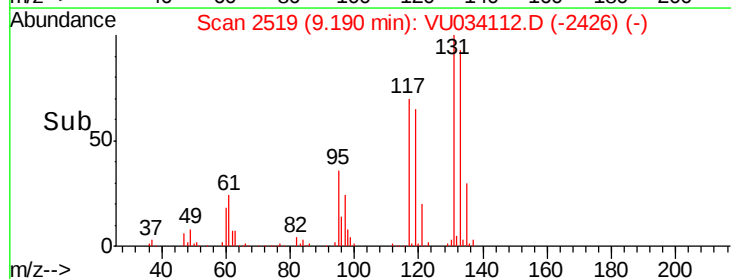
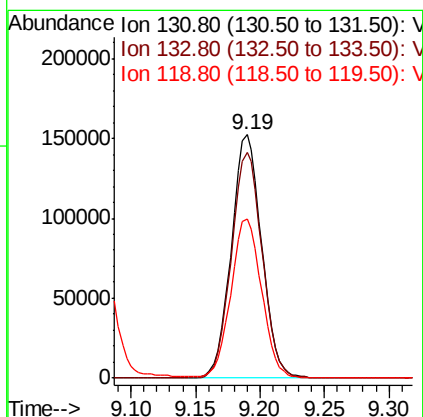
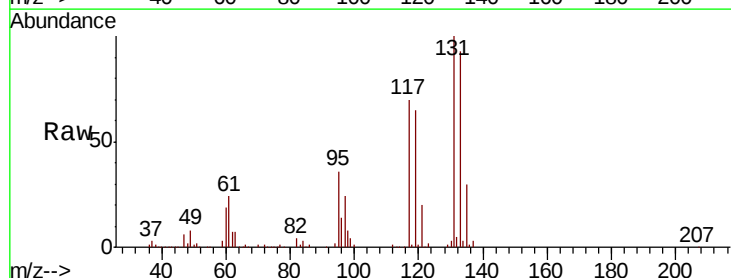
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

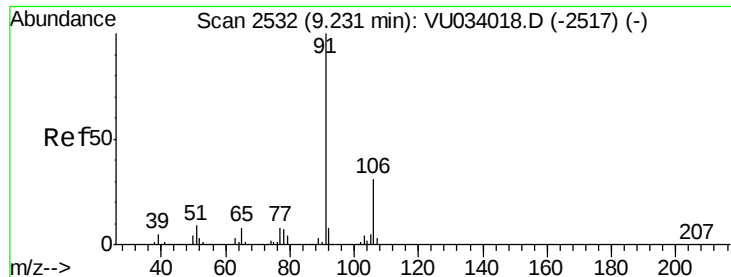
Tgt Ion:112 Resp: 699195
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.332 ug/l
RT: 9.19 min Scan# 2519
Delta R.T. 0.00 min
Lab File: VU034112.D
Acq: 30 Aug 2019 20:33

Tgt Ion:131 Resp: 248767
Ion Ratio Lower Upper
131 100
133 94.1 48.4 145.2
119 65.8 33.6 100.6

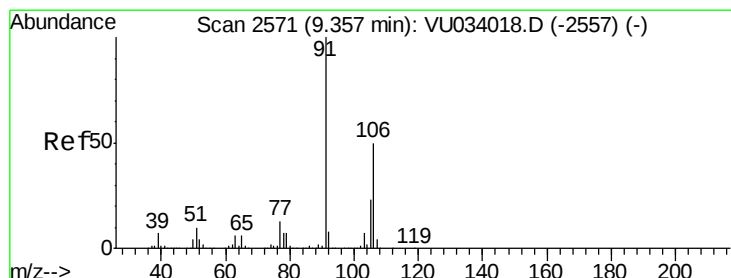
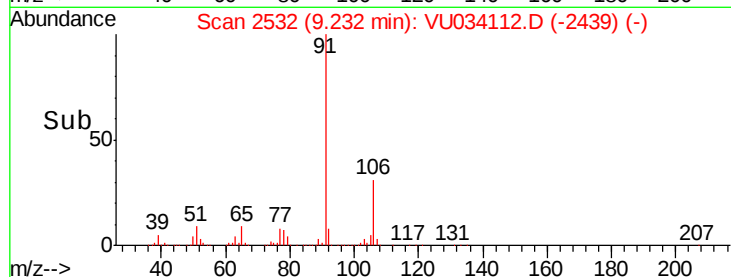
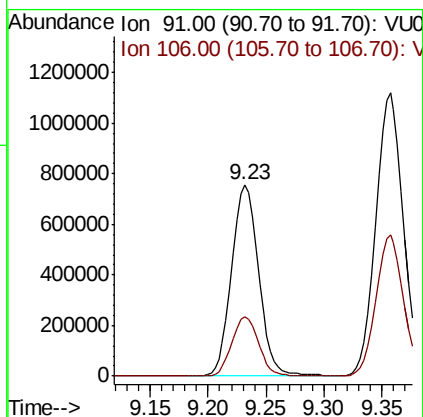
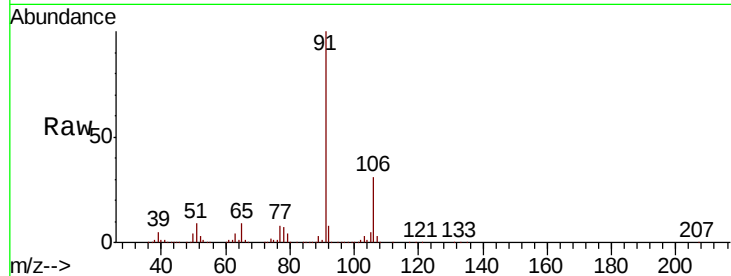




#67
Ethyl Benzene
Concen: 50.826 ug/l
RT: 9.23 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU034112.D
Acq: 30 Aug 2019 20:33

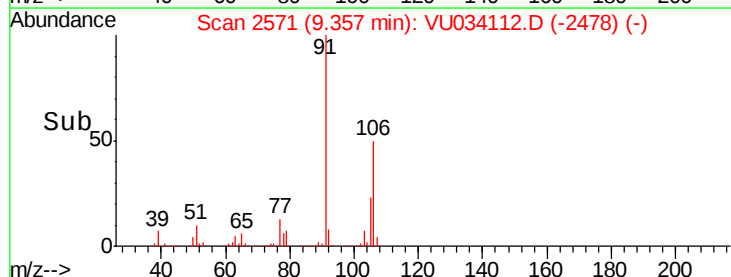
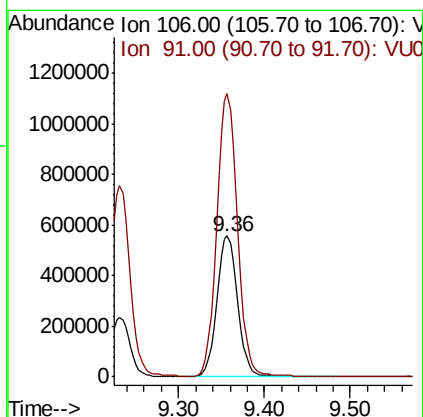
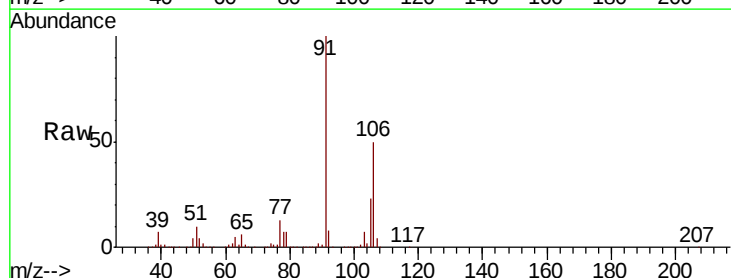
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

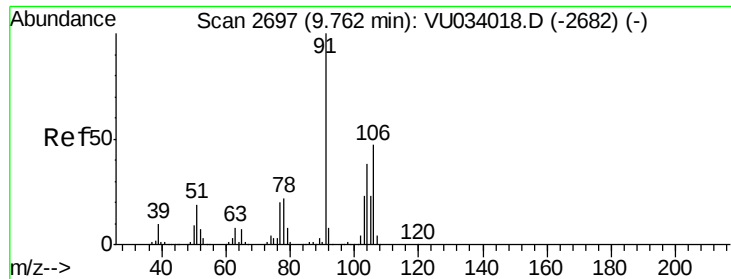
Tgt Ion: 91 Resp: 1222931
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3



#68
m/p-Xylenes
Concen: 102.294 ug/l
RT: 9.36 min Scan# 2571
Delta R.T. 0.00 min
Lab File: VU034112.D
Acq: 30 Aug 2019 20:33

Tgt Ion: 106 Resp: 935894
Ion Ratio Lower Upper
106 100
91 200.7 161.6 242.4

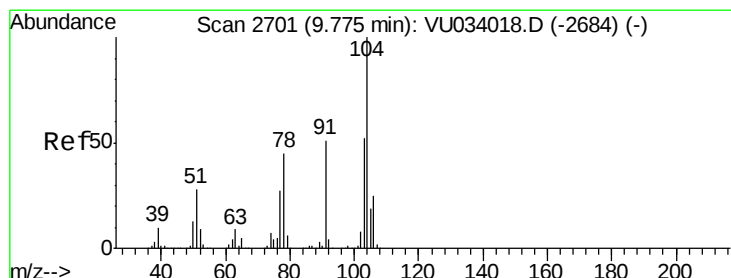
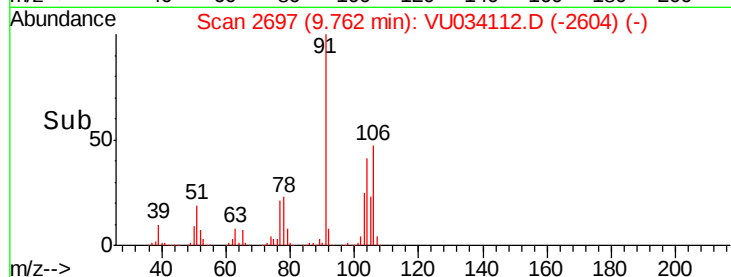
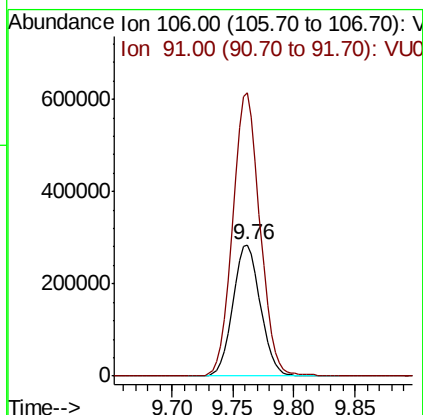
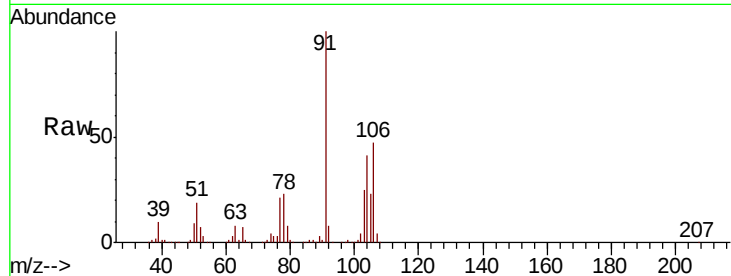




#69
o-Xylene
Concen: 50.935 ug/l
RT: 9.76 min Scan# 2697
Delta R.T. 0.00 min
Lab File: VU034112.D
Acq: 30 Aug 2019 20:33

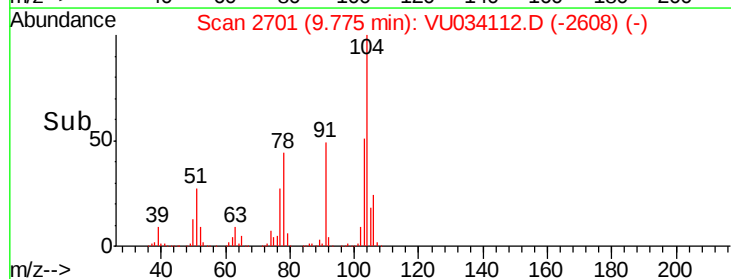
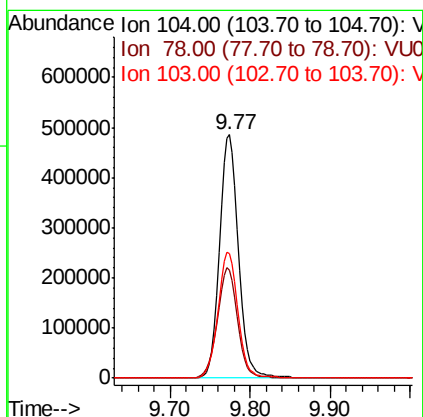
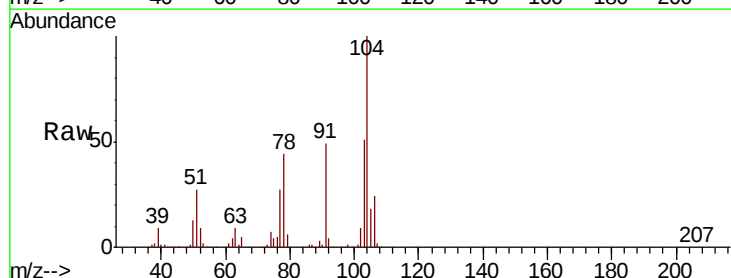
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

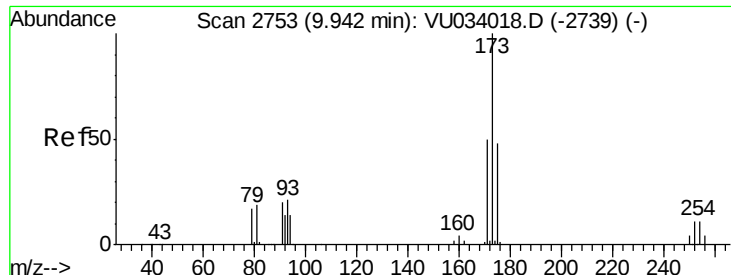
Tgt Ion:106 Resp: 447082
Ion Ratio Lower Upper
106 100
91 213.8 106.0 318.0



#70
Styrene
Concen: 53.131 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU034112.D
Acq: 30 Aug 2019 20:33

Tgt Ion:104 Resp: 799632
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.4
103 54.5 44.0 66.0





#71

Bromoform

Concen: 47.491 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

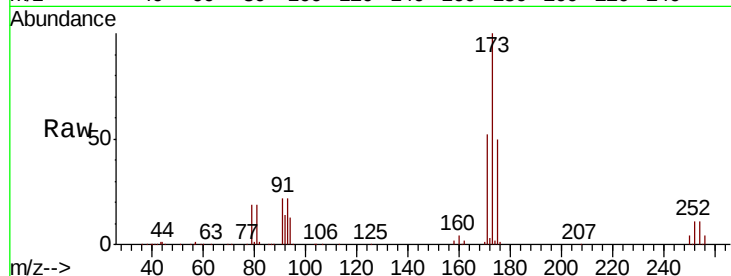
Tgt Ion:173 Resp: 212378

Ion Ratio Lower Upper

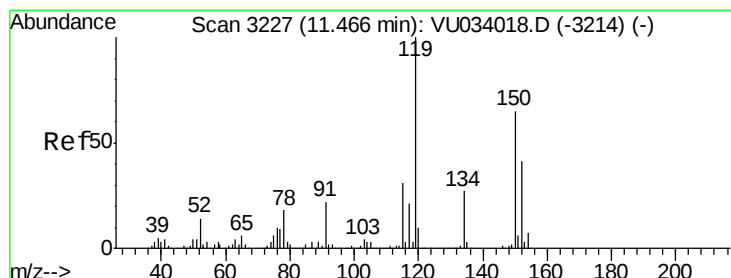
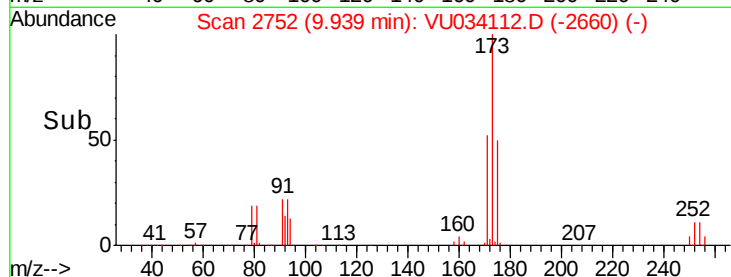
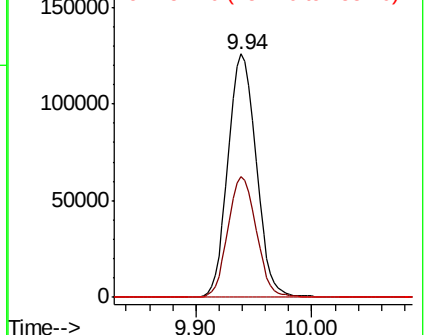
173 100

175 49.7 24.6 73.6

254 0.1 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: VU034112.D

Acq: 30 Aug 2019 20:33

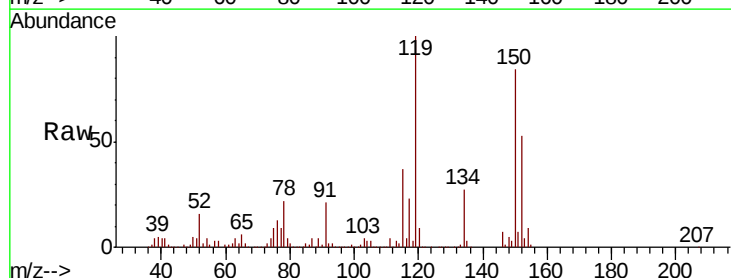
Tgt Ion:152 Resp: 367566

Ion Ratio Lower Upper

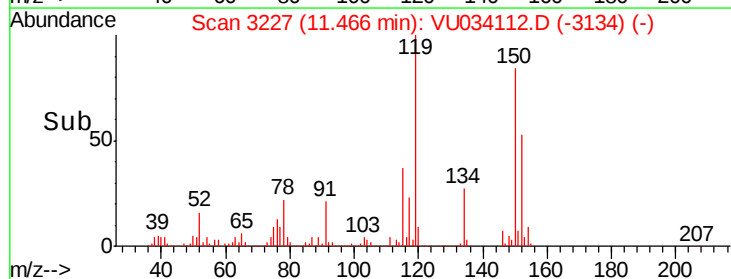
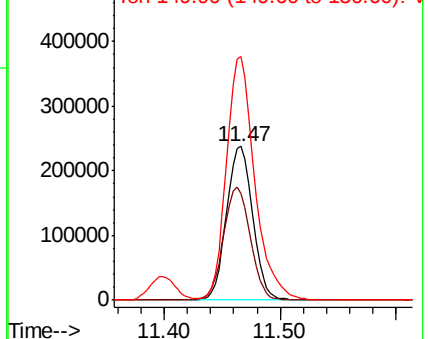
152 100

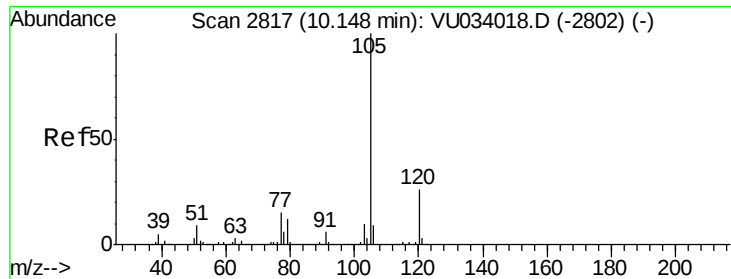
115 75.8 41.1 123.3

150 171.8 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: 48.307 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

Instrument :

MSVOA_U

ClientSampleId :

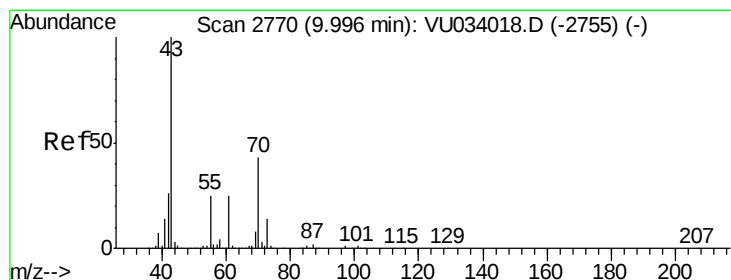
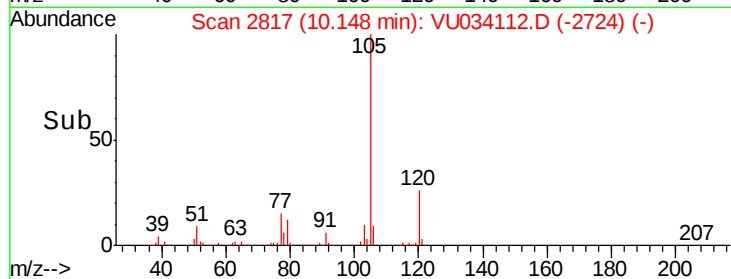
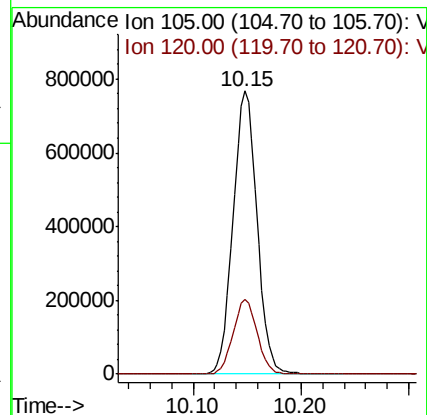
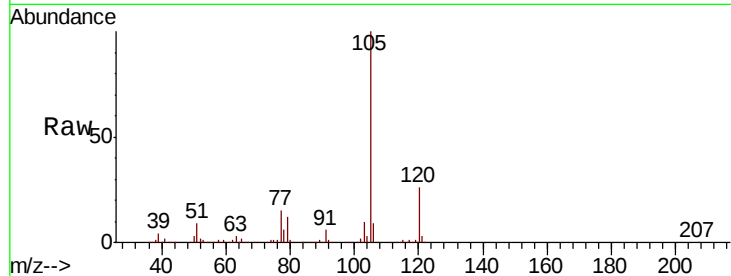
VSTDCCC050EC

Tgt Ion:105 Resp: 1192659

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



#74

N-ethyl acetate

Concen: 52.095 ug/l

RT: 10.00 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

Tgt Ion: 43 Resp: 540952

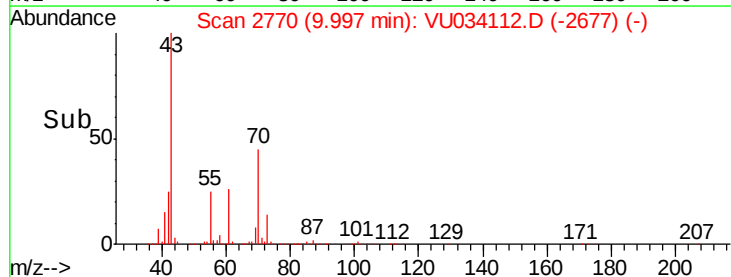
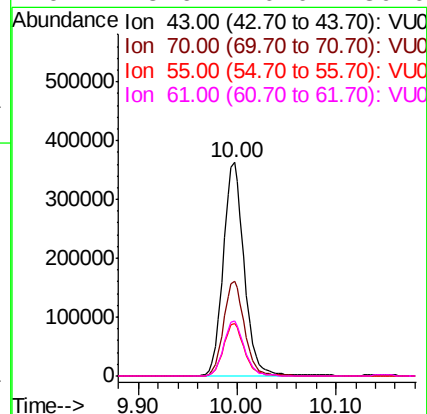
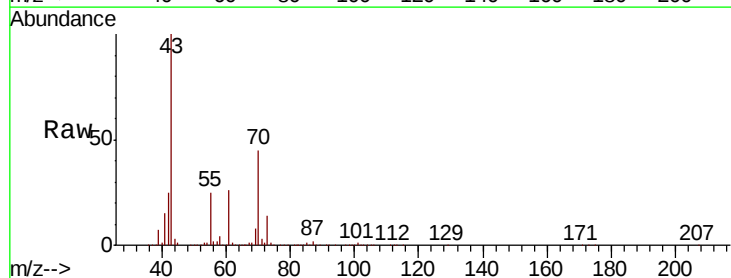
Ion Ratio Lower Upper

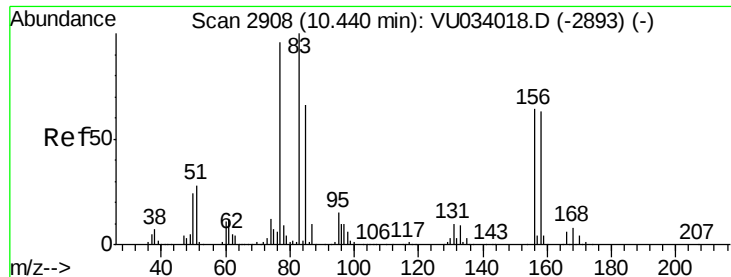
43 100

70 44.5 35.2 52.8

55 24.7 20.5 30.7

61 25.6 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.808 ug/l

RT: 10.44 min Scan# 2908

Delta R.T. 0.00 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

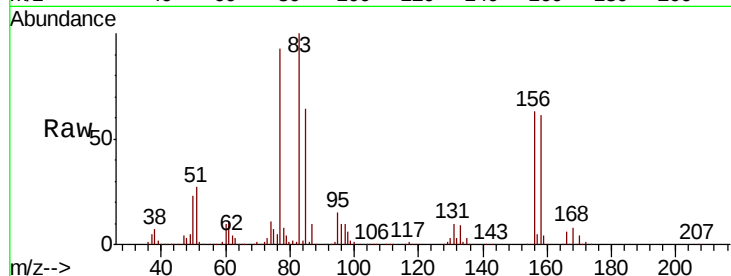
Tgt Ion: 83 Resp: 432877

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

85 64.6 32.2 96.6

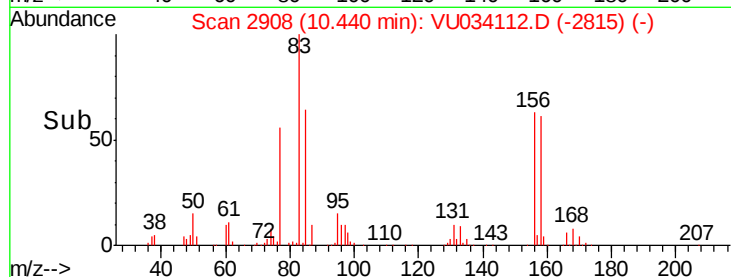


Abundance Ion 82.90 (82.60 to 83.60): VU034112.D (-2893) (-)

Ion 130.80 (130.50 to 131.50): VU034112.D (-2893) (-)

Ion 84.90 (84.60 to 85.60): VU034112.D (-2893) (-)

Time-->

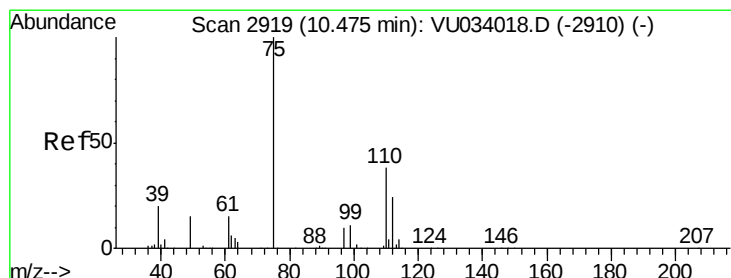


Abundance Ion 82.90 (82.60 to 83.60): VU034112.D (-2815) (-)

Ion 130.80 (130.50 to 131.50): VU034112.D (-2815) (-)

Ion 84.90 (84.60 to 85.60): VU034112.D (-2815) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 58.471 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. 0.00 min

Lab File: VU034112.D

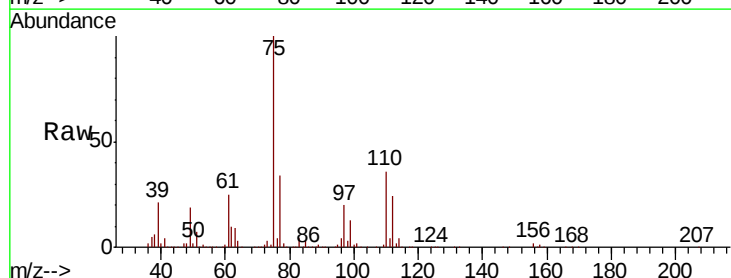
Acq: 30 Aug 2019 20:33

Tgt Ion: 75 Resp: 484394

Ion Ratio Lower Upper

75 100

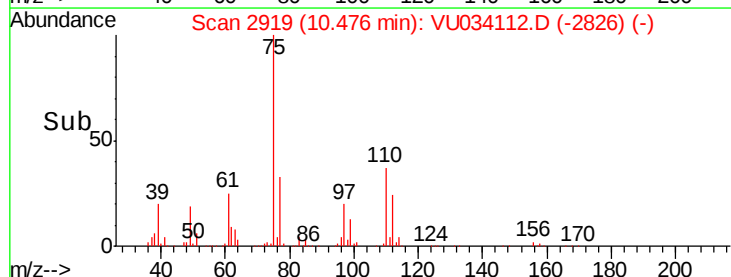
77 32.7 20.1 60.2



Abundance Ion 74.90 (74.60 to 75.60): VU034112.D (-2910) (-)

Ion 77.00 (76.70 to 77.70): VU034112.D (-2910) (-)

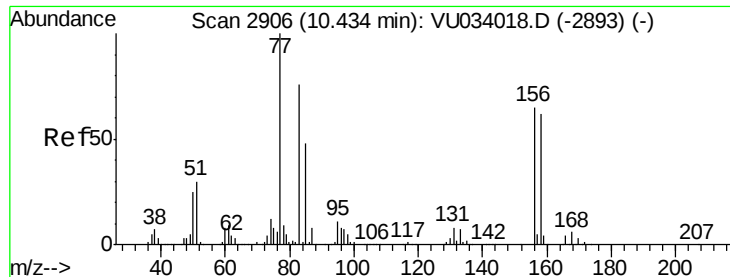
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VU034112.D (-2826) (-)

Ion 77.00 (76.70 to 77.70): VU034112.D (-2826) (-)

Time-->



#77

Bromobenzene

Concen: 47.712 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. 0.00 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

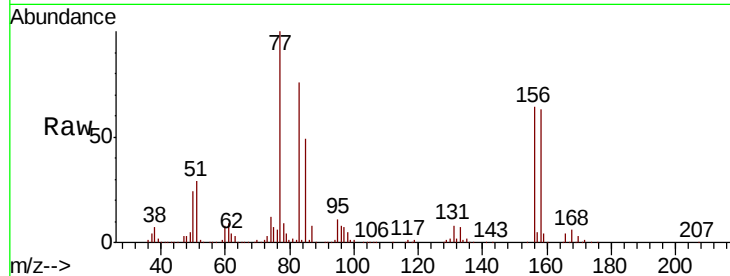
Tgt Ion:156 Resp: 316877

Ion Ratio Lower Upper

156 100

77 154.9 76.8 230.5

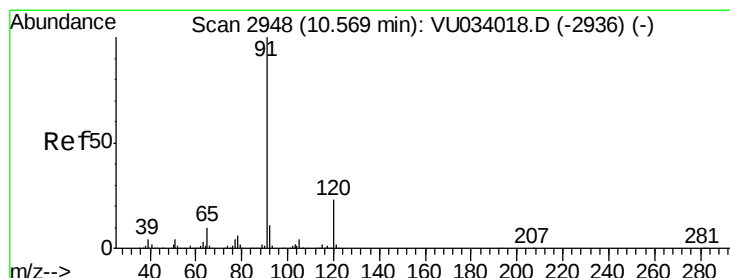
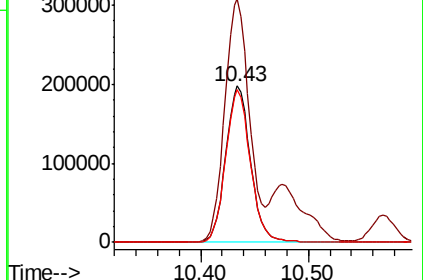
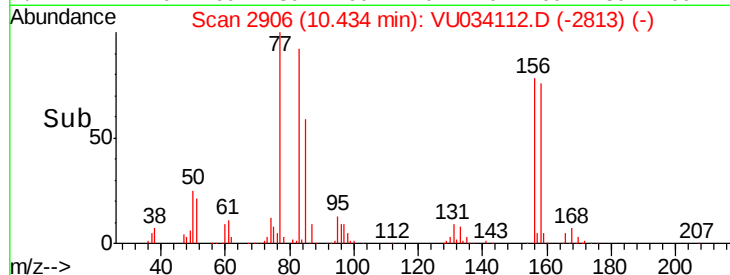
158 97.8 48.4 145.0



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: 47.773 ug/l

RT: 10.57 min Scan# 2948

Delta R.T. 0.00 min

Lab File: VU034112.D

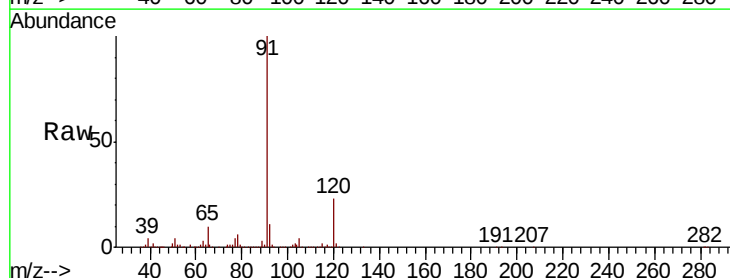
Acq: 30 Aug 2019 20:33

Tgt Ion: 91 Resp: 1373610

Ion Ratio Lower Upper

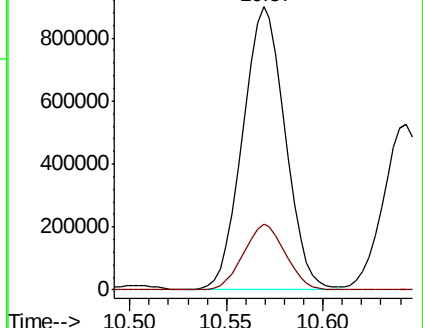
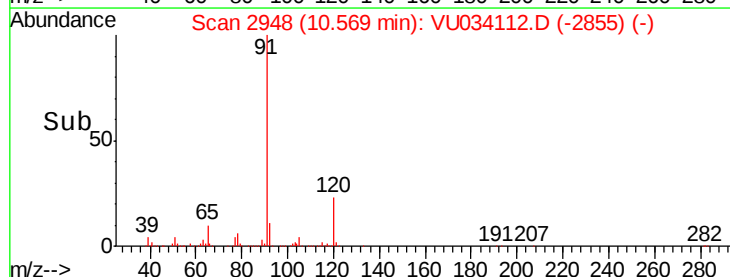
91 100

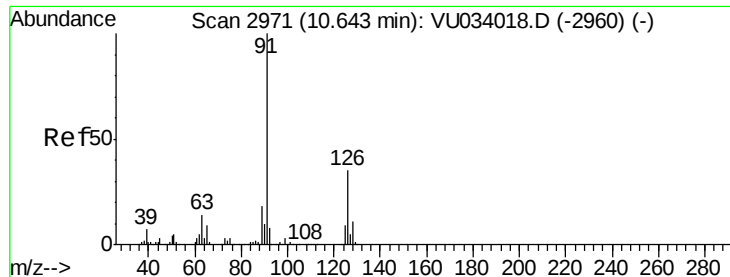
120 23.0 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

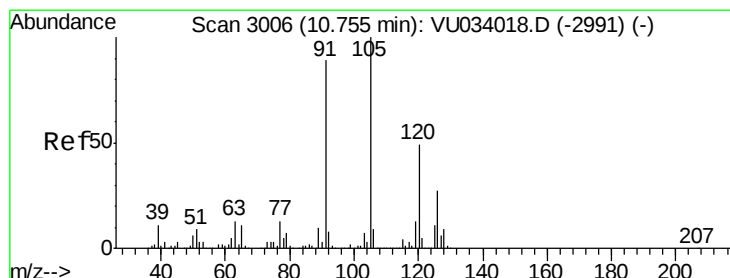
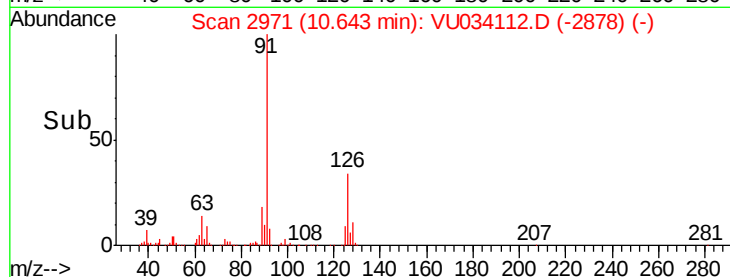
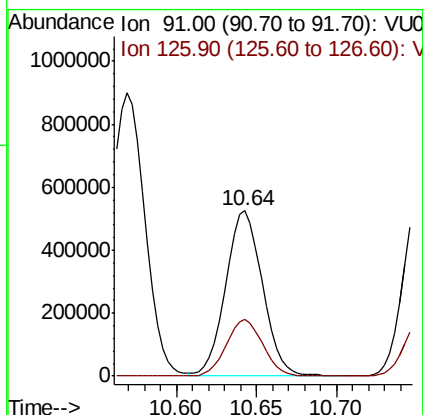
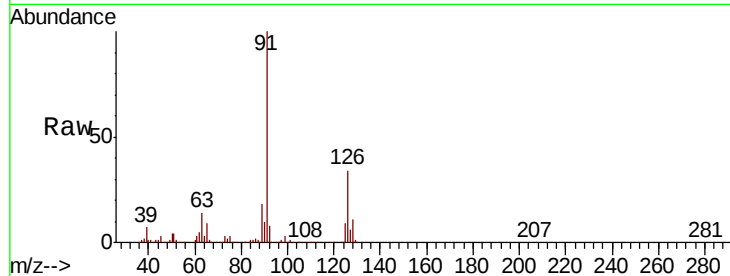




#79
 2-Chlorotoluene
 Concen: 47.858 ug/l
 RT: 10.64 min Scan# 2971
 Delta R.T. 0.00 min
 Lab File: VU034112.D
 Acq: 30 Aug 2019 20:33

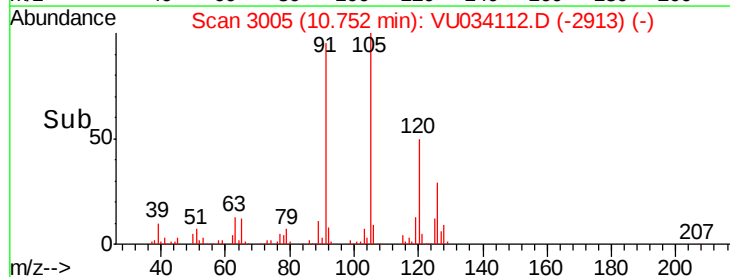
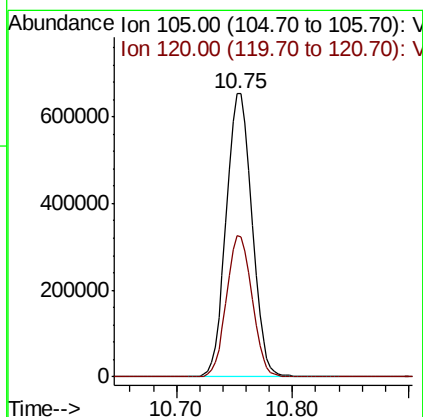
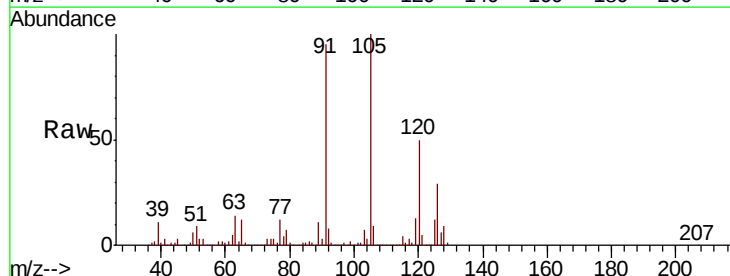
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

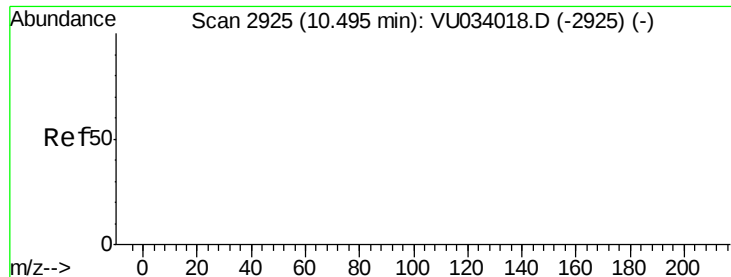
Tgt Ion: 91 Resp: 825377
 Ion Ratio Lower Upper
 91 100
 126 34.2 17.1 51.2



#80
 1,3,5-Trimethylbenzene
 Concen: 47.916 ug/l
 RT: 10.75 min Scan# 3005
 Delta R.T. -0.00 min
 Lab File: VU034112.D
 Acq: 30 Aug 2019 20:33

Tgt Ion: 105 Resp: 1002671
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 197.381 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. -0.02 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

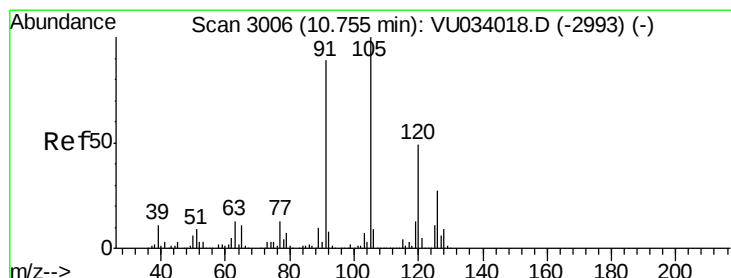
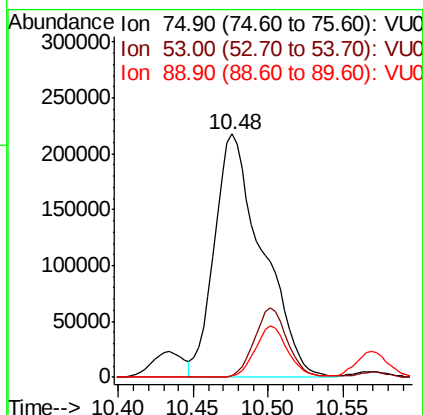
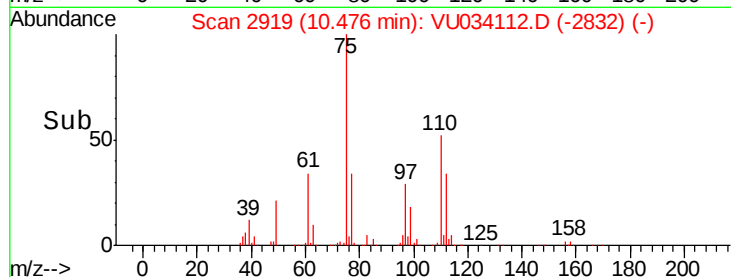
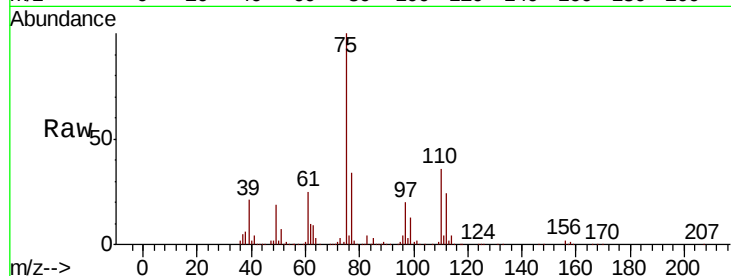
Tgt Ion: 75 Resp: 485608

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 48.713 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU034112.D

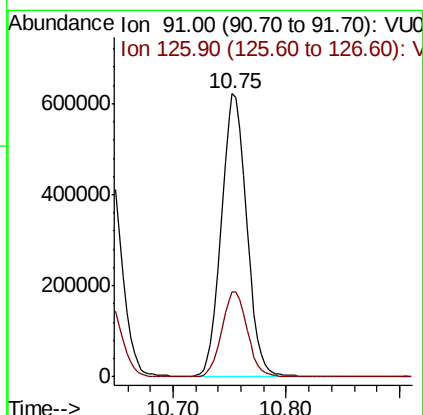
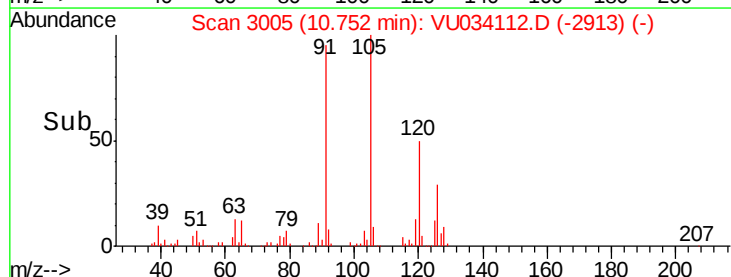
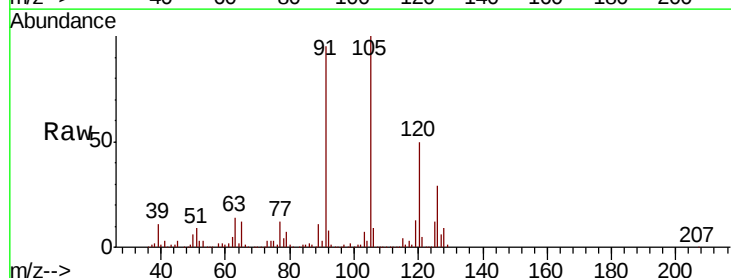
Acq: 30 Aug 2019 20:33

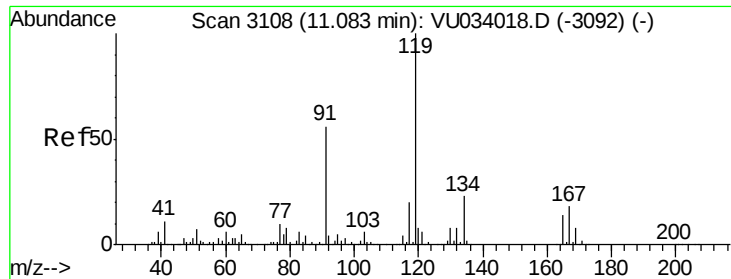
Tgt Ion: 91 Resp: 966192

Ion Ratio Lower Upper

91 100

126 30.3 15.0 45.1

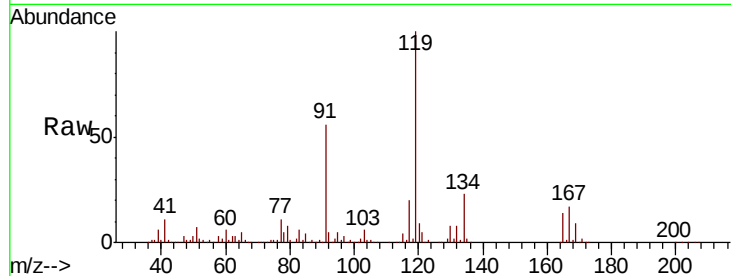




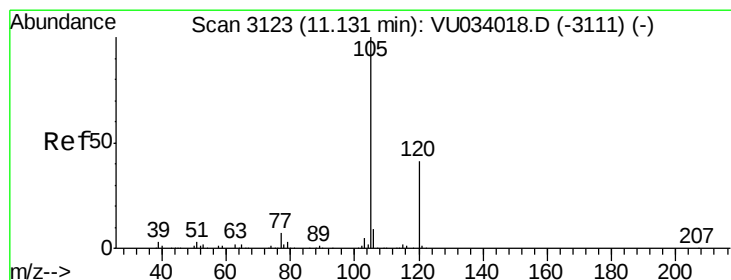
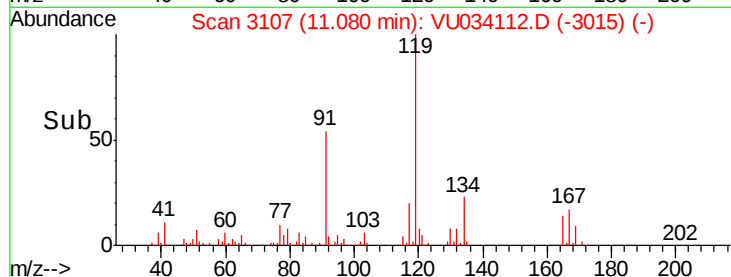
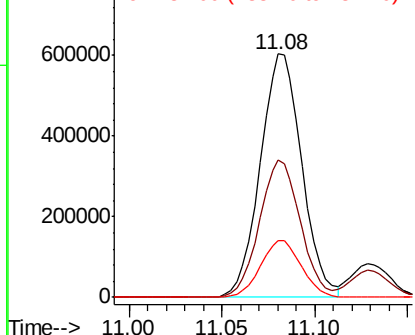
#83
 tert-Butylbenzene
 Concen: 45.911 ug/l
 RT: 11.08 min Scan# 3107
 Delta R.T. -0.00 min
 Lab File: VU034112.D
 Acq: 30 Aug 2019 20:33

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 945758
 Ion Ratio Lower Upper
 119 100
 91 55.3 27.9 83.6
 134 22.9 11.4 34.2

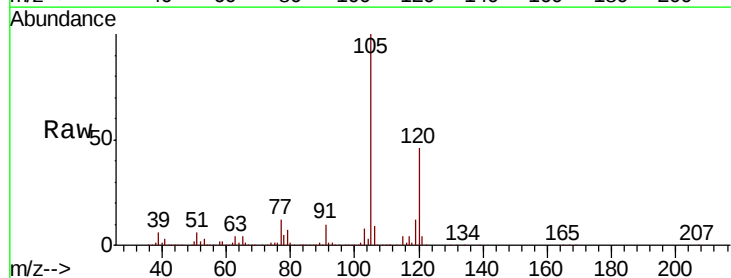


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

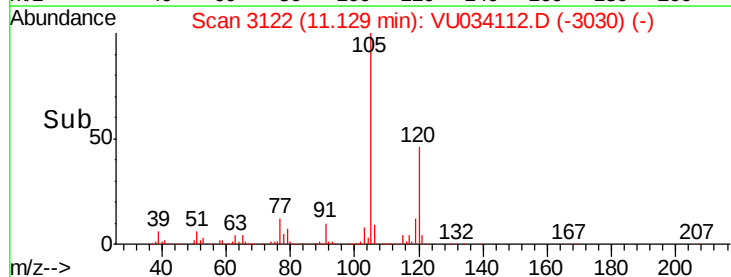
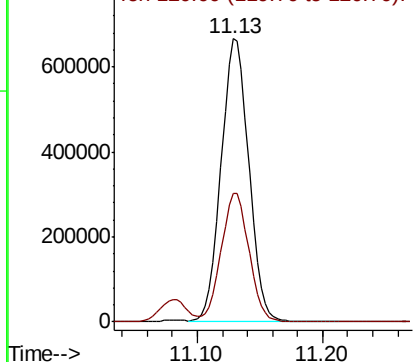


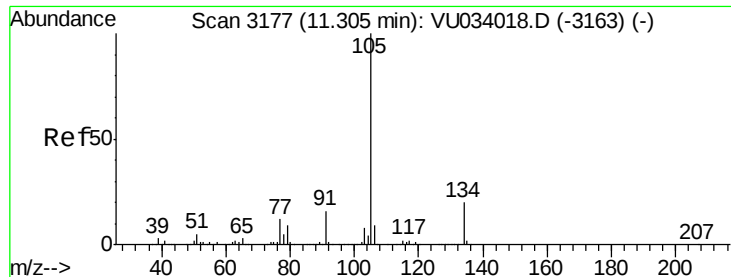
#84
 1,2,4-Trimethylbenzene
 Concen: 48.927 ug/l
 RT: 11.13 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: VU034112.D
 Acq: 30 Aug 2019 20:33

Tgt Ion:105 Resp: 1016639
 Ion Ratio Lower Upper
 105 100
 120 45.6 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: 44.409 ug/l

RT: 11.31 min Scan# 3177

Delta R.T. 0.00 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

Instrument :

MSVOA_U

ClientSampleId :

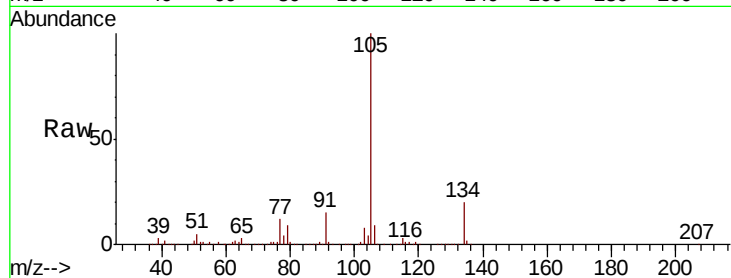
VSTDCCC050EC

Tgt Ion:105 Resp: 1096438

Ion Ratio Lower Upper

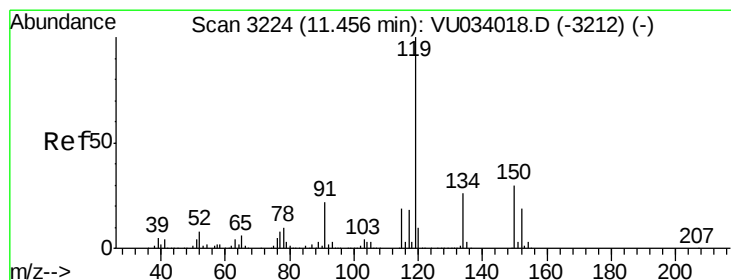
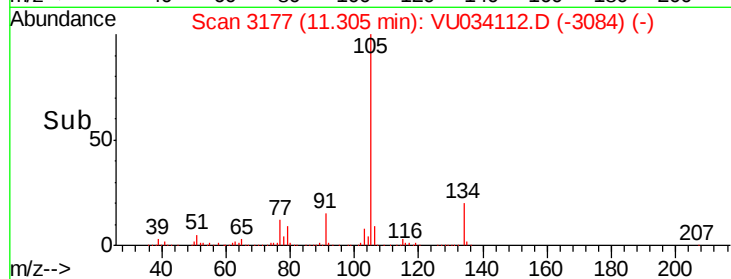
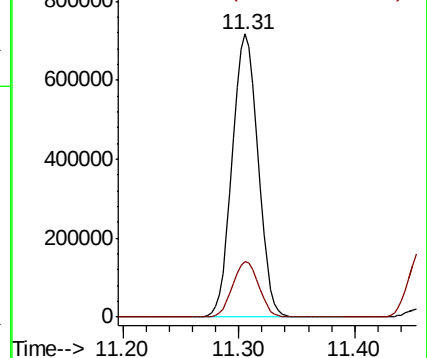
105 100

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: 45.791 ug/l

RT: 11.46 min Scan# 3224

Delta R.T. 0.00 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

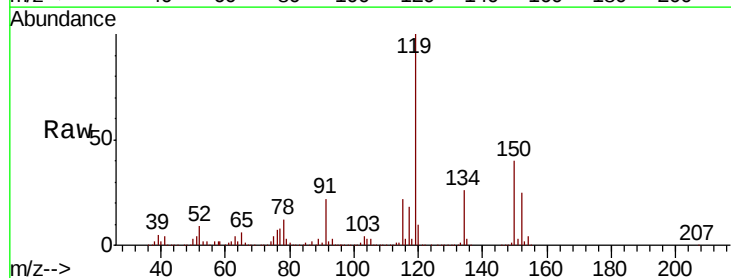
Tgt Ion:119 Resp: 1022503

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

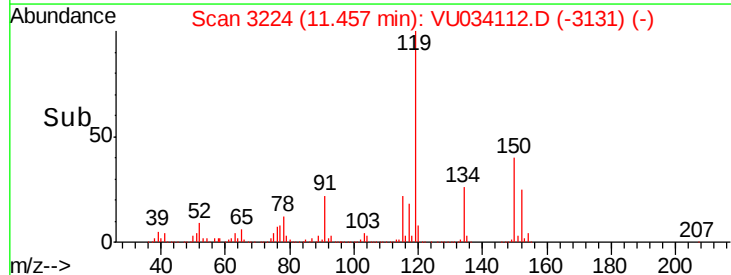
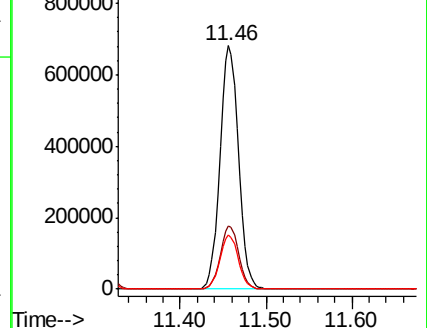
91 21.9 11.2 33.6

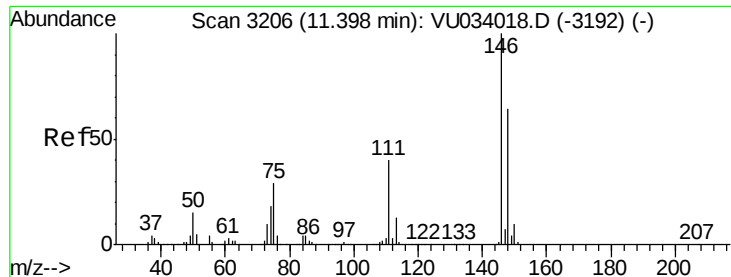


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

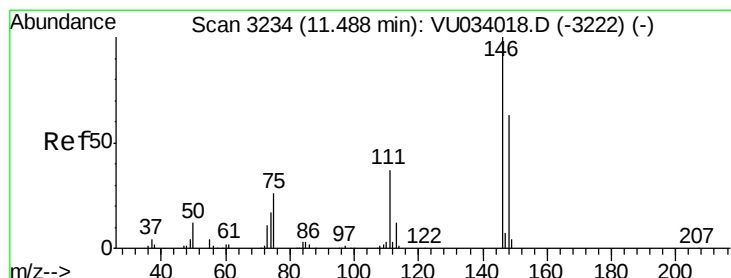
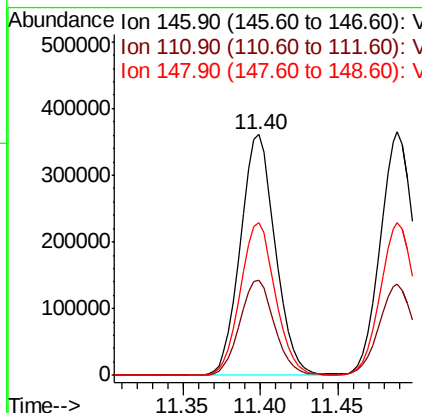
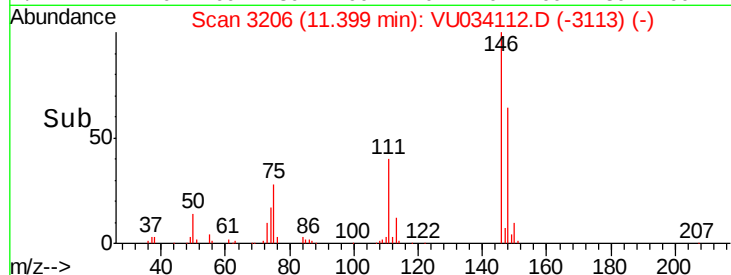
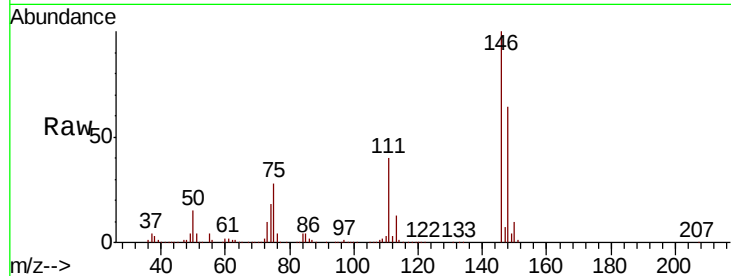




#87
 1,3-Dichlorobenzene
 Concen: 48.259 ug/l
 RT: 11.40 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: VU034112.D
 Acq: 30 Aug 2019 20:33

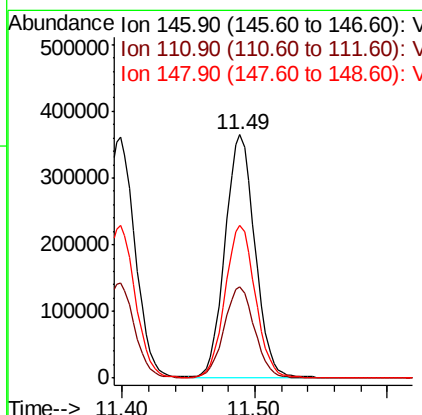
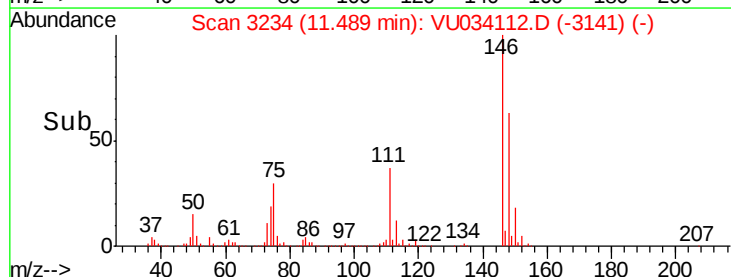
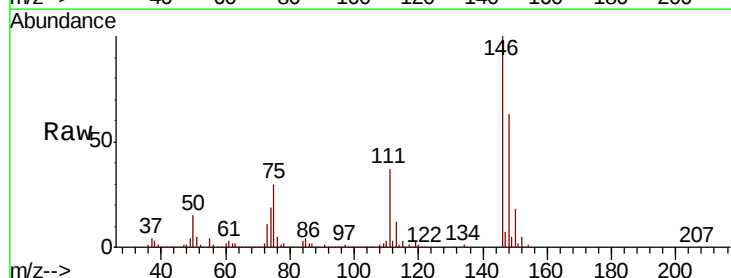
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

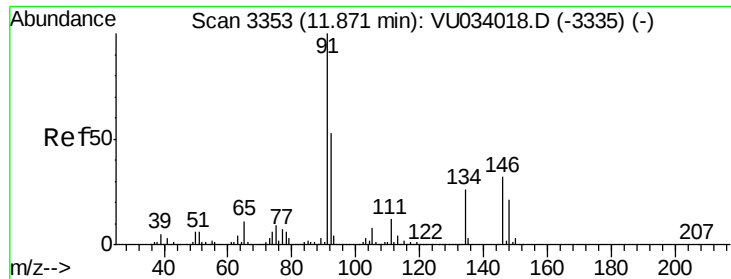
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.9	59.6
148	63.5	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 47.884 ug/l
 RT: 11.49 min Scan# 3234
 Delta R.T. 0.00 min
 Lab File: VU034112.D
 Acq: 30 Aug 2019 20:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.2	57.6
148	63.4	31.9	95.9

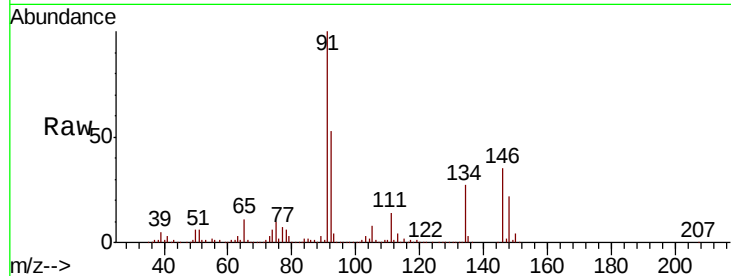




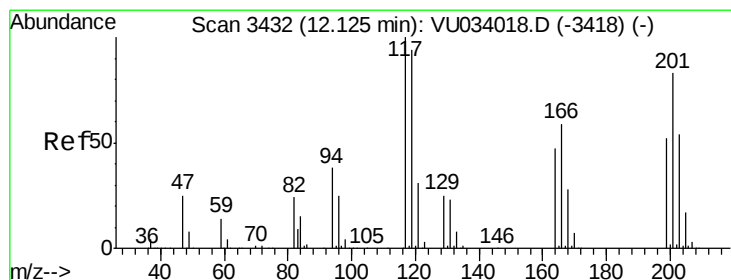
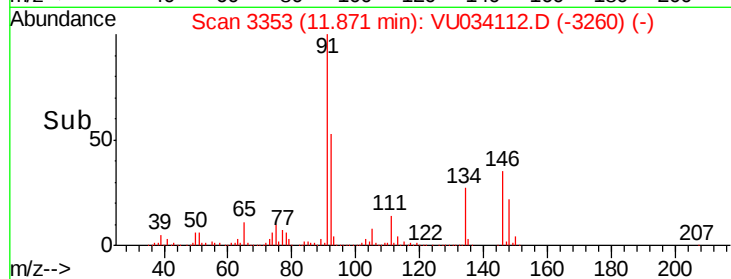
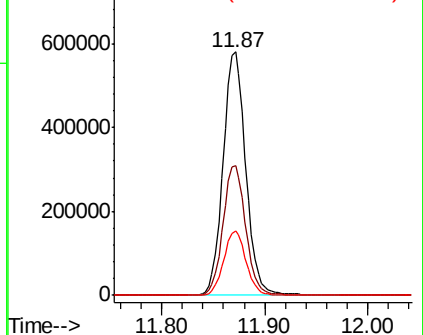
#89
n-Butylbenzene
Concen: 45.135 ug/l
RT: 11.87 min Scan# 3353
Delta R.T. 0.00 min
Lab File: VU034112.D
Acq: 30 Aug 2019 20:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 888597
Ion Ratio Lower Upper
91 100
92 53.5 26.3 78.9
134 26.4 12.9 38.7

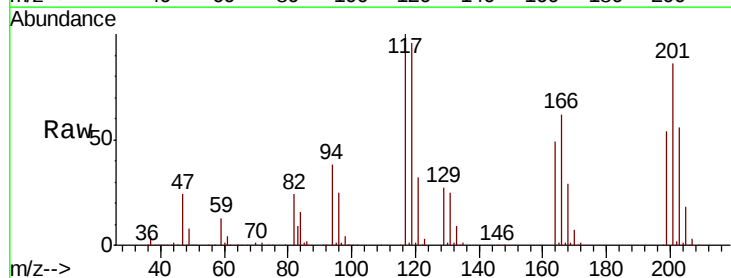


Abundance Ion 91.00 (90.70 to 91.70): VU034112.D (-3335) (-)
Ion 92.00 (91.70 to 92.70): VU034112.D (-3335) (-)
Ion 134.00 (133.70 to 134.70): VU034112.D (-3335) (-)

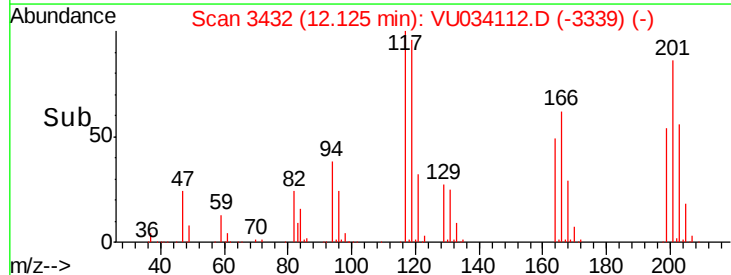
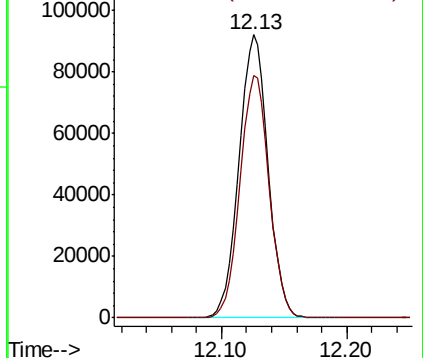


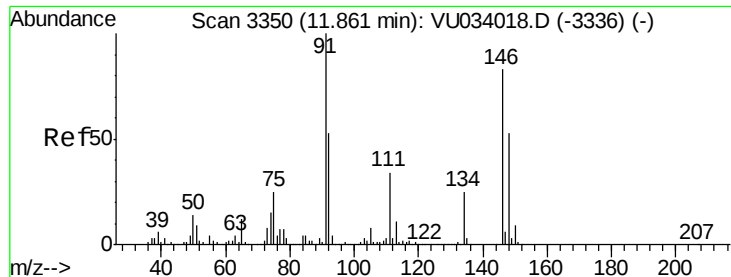
#90
Hexachloroethane
Concen: 38.418 ug/l
RT: 12.13 min Scan# 3432
Delta R.T. 0.00 min
Lab File: VU034112.D
Acq: 30 Aug 2019 20:33

Tgt Ion: 117 Resp: 148320
Ion Ratio Lower Upper
117 100
201 85.8 42.5 127.6



Abundance Ion 116.80 (116.50 to 117.50): VU034112.D (-3339) (-)
Ion 200.70 (200.40 to 201.40): VU034112.D (-3339) (-)





#91

1,2-Dichlorobenzene

Concen: 49.134 ug/l

RT: 11.86 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

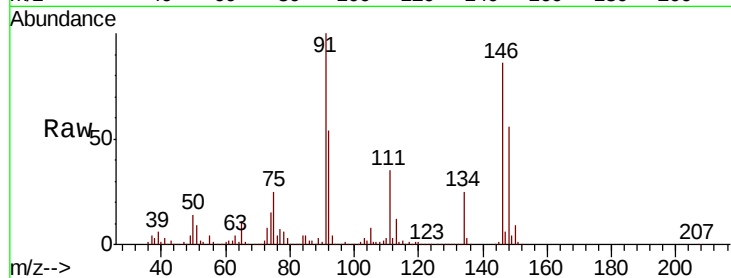
Tgt Ion:146 Resp: 553397

Ion Ratio Lower Upper

146 100

111 40.9 20.4 61.2

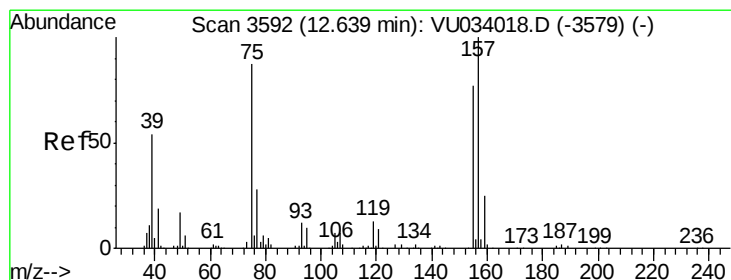
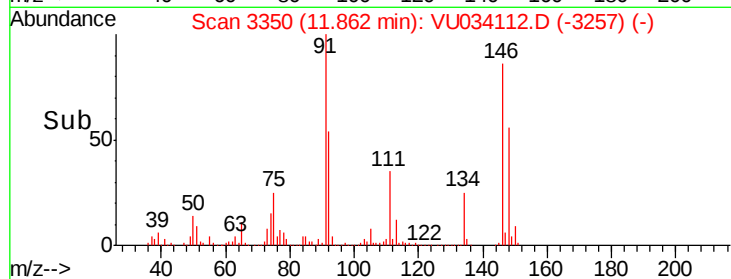
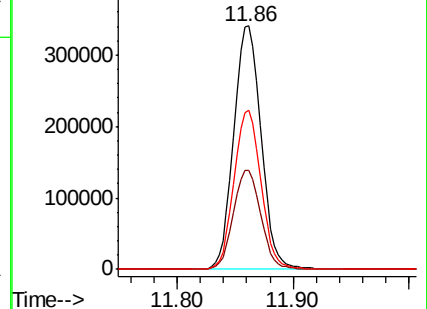
148 64.5 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.034 ug/l

RT: 12.64 min Scan# 3592

Delta R.T. 0.00 min

Lab File: VU034112.D

Acq: 30 Aug 2019 20:33

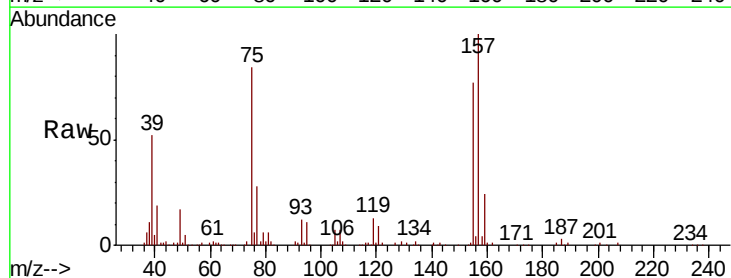
Tgt Ion: 75 Resp: 92311

Ion Ratio Lower Upper

75 100

155 89.6 43.5 130.7

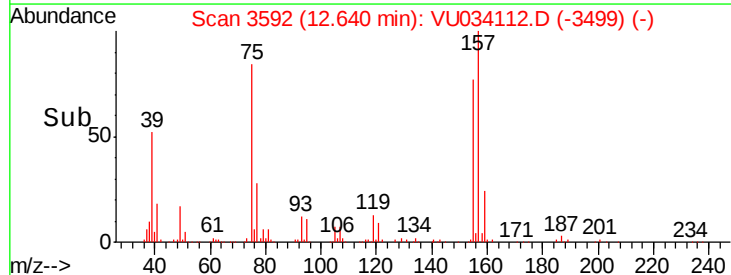
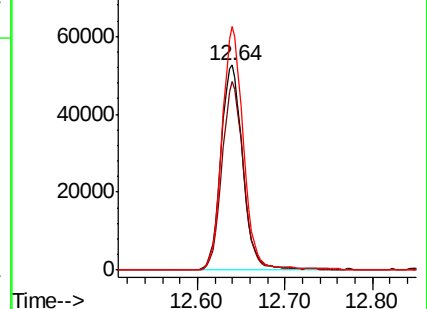
157 113.2 56.9 170.6



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

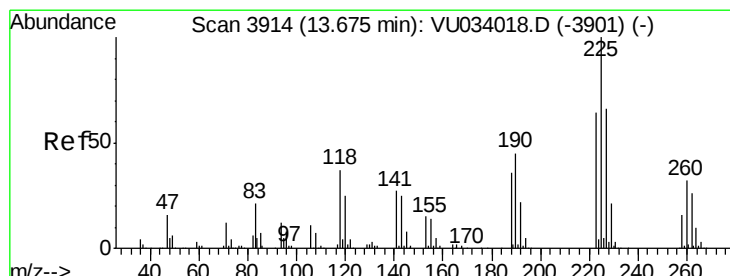
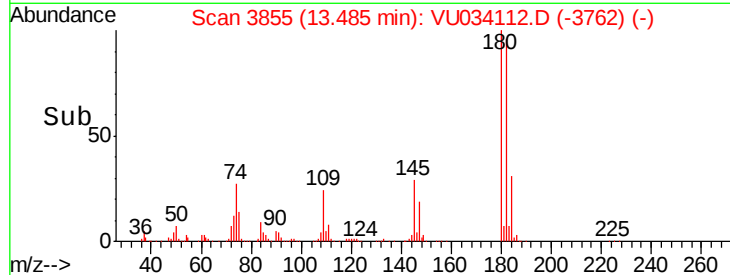
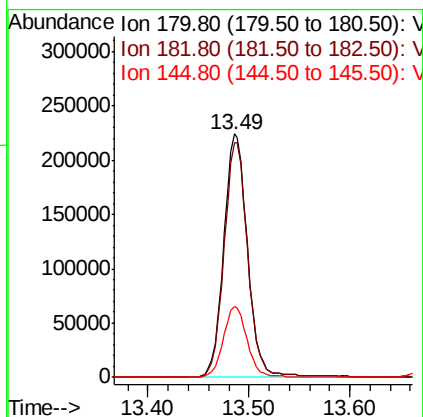
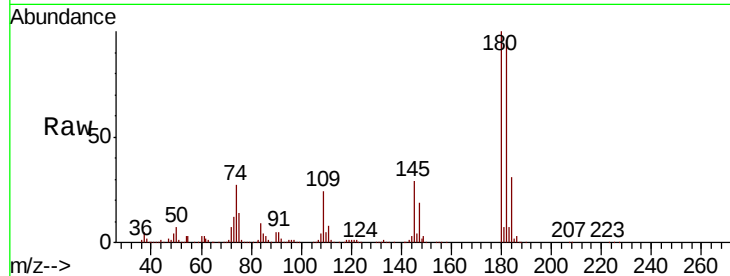




#93
 1,2,4-Trichlorobenzene
 Concen: 46.292 ug/l
 RT: 13.49 min Scan# 3855
 Delta R.T. 0.00 min
 Lab File: VU034112.D
 Acq: 30 Aug 2019 20:33

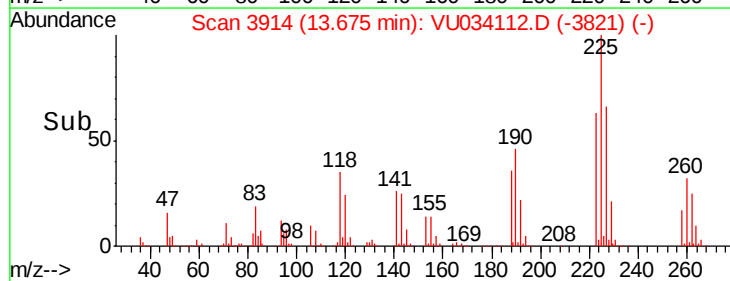
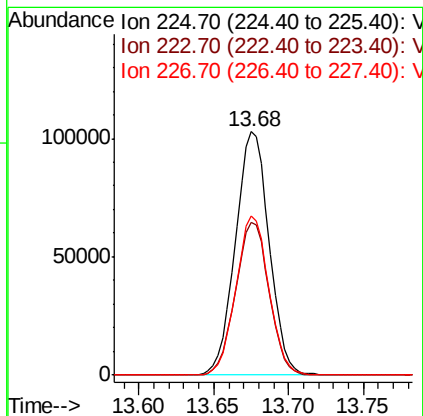
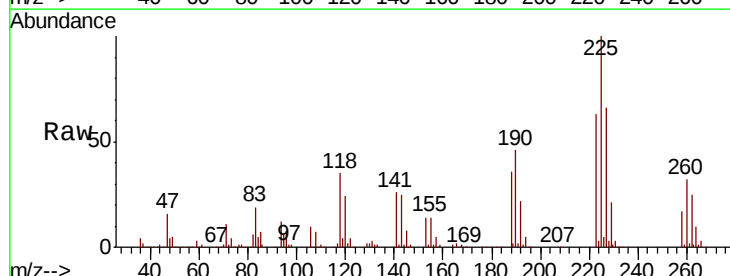
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

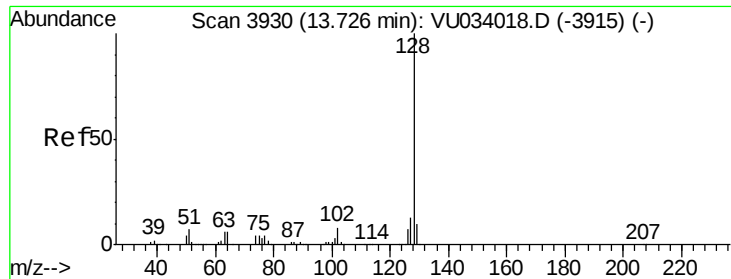
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.4	142.2
145	29.2	14.1	42.3



#94
 Hexachlorobutadiene
 Concen: 36.591 ug/l
 RT: 13.68 min Scan# 3914
 Delta R.T. 0.00 min
 Lab File: VU034112.D
 Acq: 30 Aug 2019 20:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.8	95.3
227	64.1	32.6	97.8

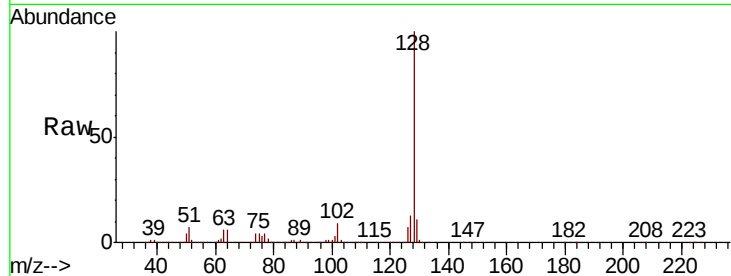




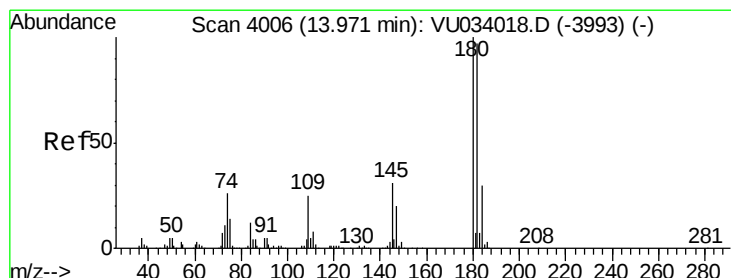
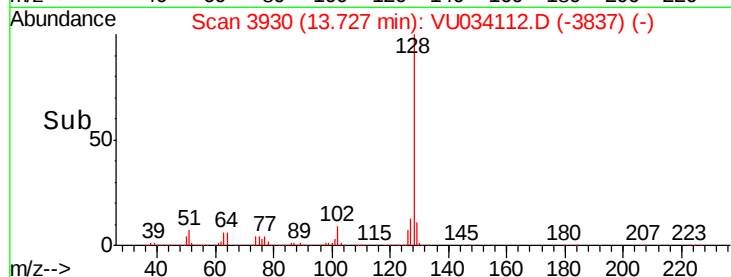
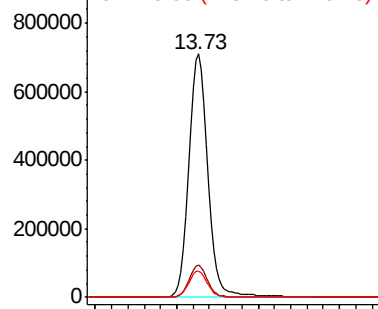
#95
Naphthalene
Concen: 51.497 ug/l
RT: 13.73 min Scan# 3930
Delta R.T. 0.00 min
Lab File: VU034112.D
Acq: 30 Aug 2019 20:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 1182769
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.6 8.4 12.6

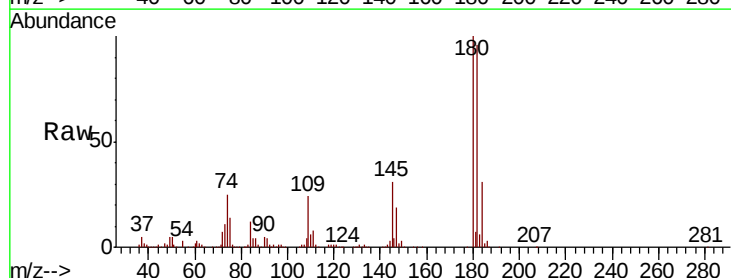


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.575 ug/l
RT: 13.97 min Scan# 4006
Delta R.T. 0.00 min
Lab File: VU034112.D
Acq: 30 Aug 2019 20:33

Tgt Ion:180 Resp: 364902
Ion Ratio Lower Upper
180 100
182 96.2 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

