

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082919\
 Data File : VU034020.D
 Acq On : 28 Aug 2019 13:37
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 29 03:22:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 03:17:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	441774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	703187	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	701118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	371501	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.28	65	776759	151.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.72%	
35) Dibromofluoromethane	4.86	113	661449	137.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	275.90%	
50) Toluene-d8	7.55	98	2606084	146.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	292.30%	
62) 4-Bromofluorobenzene	10.29	95	1040344	150.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	668281	146.526	ug/l	99
3) Chloromethane	1.32	50	863313	149.619	ug/l	99
4) Vinyl Chloride	1.40	62	857458	177.970	ug/l	99
5) Bromomethane	1.59	94	394087	140.042	ug/l	100
6) Chloroethane	1.66	64	489215	170.700	ug/l	99
7) Trichlorofluoromethane	1.86	101	976644	159.480	ug/l	98
8) Diethyl Ether	2.09	74	425670	178.897	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.26	101	600611	155.071	ug/l	99
10) Methyl Iodide	2.39	142	916212	157.359	ug/l	100
11) Tert butyl alcohol	2.84	59	996086	759.925	ug/l	100
12) 1,1-Dichloroethene	2.26	96	628455	155.252	ug/l	99
13) Acrolein	2.18	56	374170	845.124	ug/l	98
14) Allyl chloride	2.57	41	1191530	164.179	ug/l	99
15) Acrylonitrile	2.92	53	2215170	820.793	ug/l	100
16) Acetone	2.31	43	1952750	785.977	ug/l	100
17) Carbon Disulfide	2.45	76	1970454	148.695	ug/l	100
18) Methyl Acetate	2.60	43	996616	163.359	ug/l	100
19) Methyl tert-butyl Ether	2.98	73	2138049	157.589	ug/l	100
20) Methylene Chloride	2.68	84	743920	144.325	ug/l	99
21) trans-1,2-Dichloroethene	2.96	96	675328	147.559	ug/l	98
22) Diisopropyl ether	3.55	45	2193822	164.265	ug/l	95
23) Vinyl Acetate	3.50	43	9880605	868.186	ug/l	100
24) 1,1-Dichloroethane	3.42	63	1293005	156.778	ug/l	100
25) 2-Butanone	4.23	43	3055737	856.913	ug/l	99
26) 2,2-Dichloropropane	4.20	77	1046354	150.874	ug/l	99
27) cis-1,2-Dichloroethene	4.20	96	782754	152.513	ug/l	99
28) Bromochloromethane	4.52	49	596476	155.704	ug/l	98
29) Tetrahydrofuran	4.61	42	1867184	840.474	ug/l	99
30) Chloroform	4.65	83	1218063	145.237	ug/l	97
31) Cyclohexane	4.97	56	1155218	151.391	ug/l	99
32) 1,1,1-Trichloroethane	4.89	97	1057388	150.598	ug/l	99
36) 1,1-Dichloropropene	5.11	75	956569	145.216	ug/l	99
37) Ethyl Acetate	4.35	43	1081690	161.053	ug/l	99
38) Carbon Tetrachloride	5.11	117	910014	137.035	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.39	83	1187904	152.595	ug/l	100
40) Benzene	5.36	78	2857406	145.728	ug/l	100
41) Methacrylonitrile	4.52	41	591918	169.221	ug/l	100
42) 1,2-Dichloroethane	5.38	62	966352	145.213	ug/l	99
43) Isopropyl Acetate	5.53	43	1759535	170.379	ug/l	100
44) Trichloroethene	6.16	130	761613	138.432	ug/l	97
45) 1,2-Dichloropropane	6.41	63	798951	151.128	ug/l	100
46) Dibromomethane	6.54	93	516224	145.324	ug/l	100
47) Bromodichloromethane	6.74	83	1013277	149.255	ug/l	99
48) Methyl methacrylate	6.60	41	875943	176.629	ug/l	99
49) 1,4-Dioxane	6.59	88	428990	3272.057	ug/l	98
51) 4-Methyl-2-Pentanone	7.45	43	5987602	837.436	ug/l	99
52) Toluene	7.62	92	1830334	148.249	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	1235539	163.347	ug/l	100
54) cis-1,3-Dichloropropene	7.25	75	1303286	160.079	ug/l	98
55) 1,1,2-Trichloroethane	8.05	97	773219	147.500	ug/l	100
56) Ethyl methacrylate	8.00	69	1316685	176.275	ug/l	100
57) 1,3-Dichloropropane	8.22	76	1316424	154.396	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.11	63	2573885	936.775	ug/l	99
59) 2-Hexanone	8.35	43	4614112	840.338	ug/l	99
60) Dibromochloromethane	8.46	129	881057	151.186	ug/l	99
61) 1,2-Dibromoethane	8.57	107	823795	149.763	ug/l	99
64) Tetrachloroethene	8.21	164	644966	116.376	ug/l	98
65) Chlorobenzene	9.10	112	2096519	143.108	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.19	131	781157	144.297	ug/l	99
67) Ethyl Benzene	9.23	91	3675757	149.695	ug/l	100
68) m/p-Xylenes	9.36	106	2794964	296.025	ug/l	100
69) o-Xylene	9.76	106	1372171	151.637	ug/l	100
70) Styrene	9.77	104	2424045	156.453	ug/l	100
71) Bromoform	9.94	173	711702	148.520	ug/l #	99
73) Isopropylbenzene	10.15	105	3702740	150.991	ug/l	100
74) N-amyl acetate	10.00	43	1704498	180.834	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	1315573	147.585	ug/l	100
76) 1,2,3-Trichloropropane	10.48	75	1526601	199.828	ug/l	86
77) Bromobenzene	10.43	156	965189	140.582	ug/l	100
78) n-propylbenzene	10.57	91	4368413	156.452	ug/l	100
79) 2-Chlorotoluene	10.64	91	2532544	150.179	ug/l	100
80) 1,3,5-Trimethylbenzene	10.76	105	3206218	152.831	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.48	75	1529834	595.384	ug/l #	100
82) 4-Chlorotoluene	10.76	91	2963973	152.243	ug/l	100
83) tert-Butylbenzene	11.08	119	3169178	155.071	ug/l	100
84) 1,2,4-Trimethylbenzene	11.13	105	3246441	157.248	ug/l	100
85) sec-Butylbenzene	11.31	105	3813499	156.499	ug/l	100
86) p-Isopropyltoluene	11.46	119	3491961	153.956	ug/l	100
87) 1,3-Dichlorobenzene	11.40	146	1751511	143.948	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	1719099	140.113	ug/l	100
89) n-Butylbenzene	11.87	91	3222809	168.213	ug/l	99
90) Hexachloroethane	12.13	117	598929	159.075	ug/l	100
91) 1,2-Dichlorobenzene	11.86	146	1696190	141.929	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	299989	169.741	ug/l	99

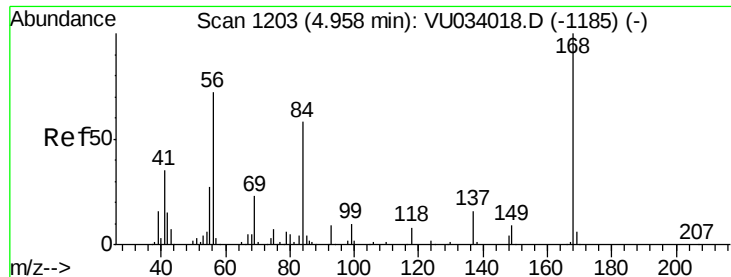
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082919\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	1237449	169.112	ug/l	99
94) Hexachlorobutadiene	13.67	225	666466	137.409	ug/l	99
95) Naphthalene	13.73	128	3582727	184.683	ug/l	100
96) 1,2,3-Trichlorobenzene	13.97	180	1200240	158.790	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1203

Delta R.T. 0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

Instrument :

MSVOA_U

ClientSampleId :

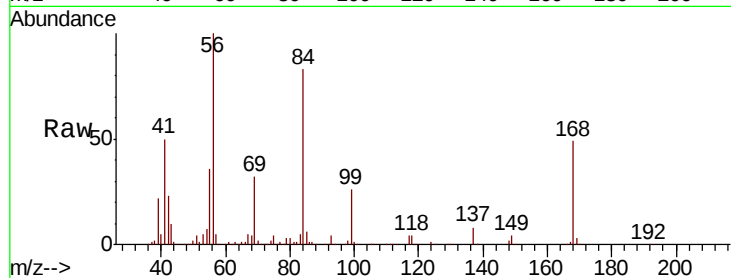
VSTDICC150

Tgt Ion:168 Resp: 441774

Ion Ratio Lower Upper

168 100

99 53.7 42.3 63.5



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

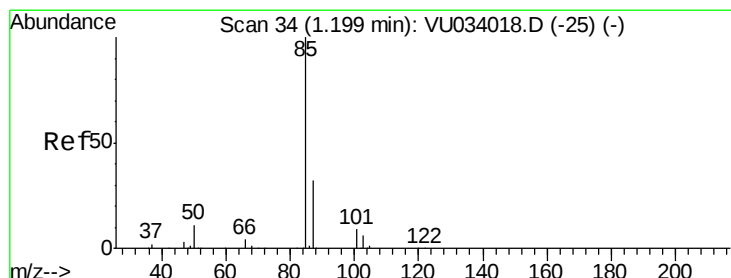
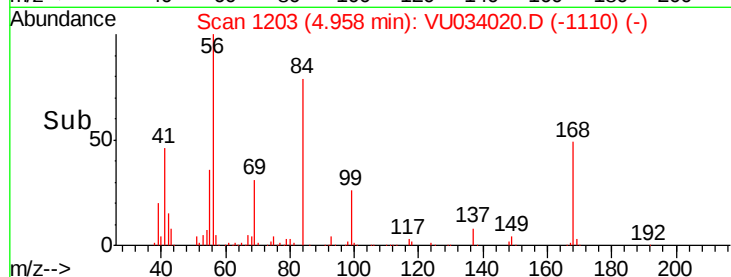
Ion 98.90 (98.60 to 99.60): VU034018.D (-1185) (-)

Time-->

4.96

4.90

5.10



#2

Dichlorodifluoromethane

Concen: 146.526 ug/l

RT: 1.20 min Scan# 33

Delta R.T. -0.00 min

Lab File: VU034020.D

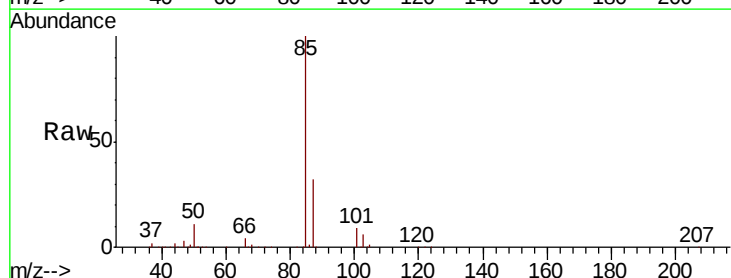
Acq: 28 Aug 2019 13:37

Tgt Ion: 85 Resp: 668281

Ion Ratio Lower Upper

85 100

87 32.5 16.1 48.3



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

Ion 86.90 (86.60 to 87.60): VU034018.D (-25) (-)

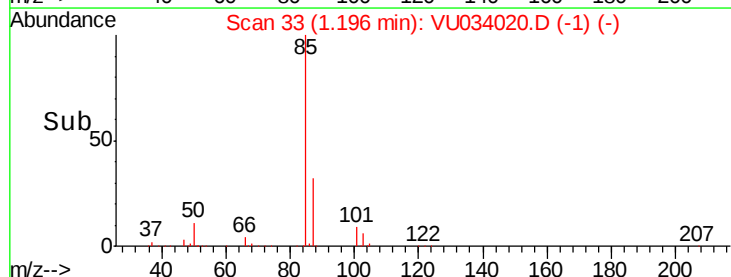
Time-->

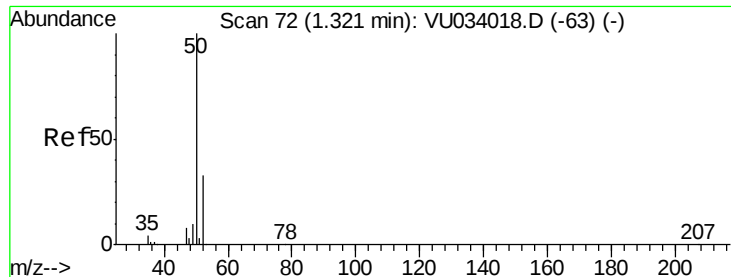
1.20

1.15

1.25

1.30





#3

Chloromethane

Concen: 149.619 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

Instrument :

MSVOA_U

ClientSampleId :

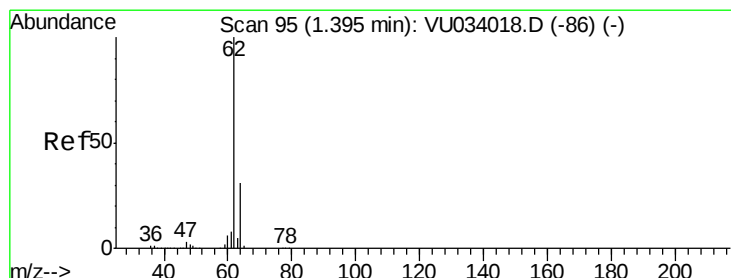
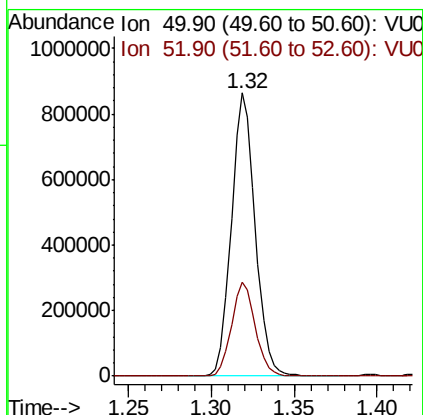
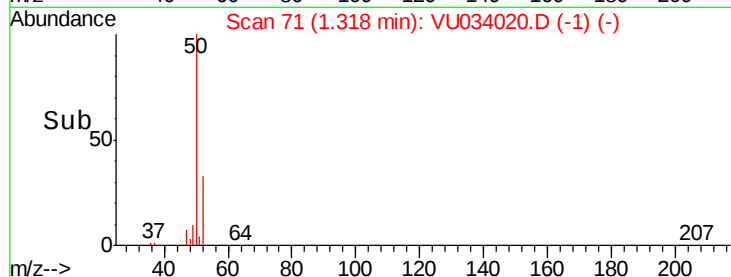
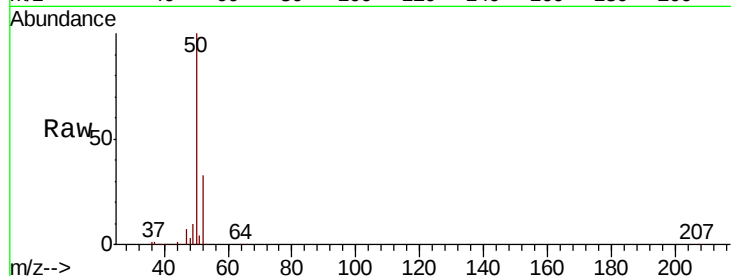
VSTDIC150

Tgt Ion: 50 Resp: 863313

Ion Ratio Lower Upper

50 100

52 33.2 26.2 39.4



#4

Vinyl Chloride

Concen: 177.970 ug/l

RT: 1.40 min Scan# 95

Delta R.T. 0.00 min

Lab File: VU034020.D

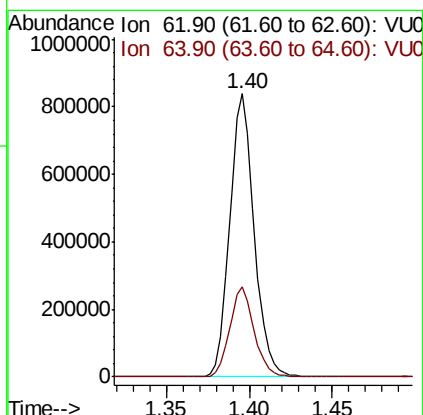
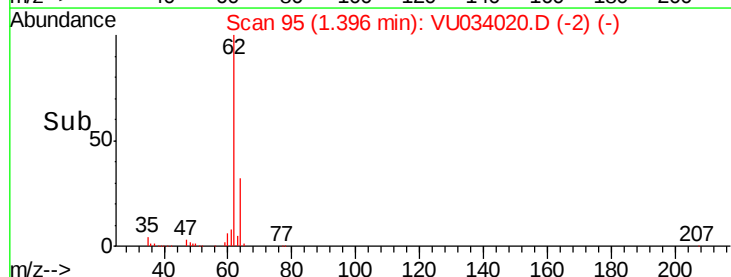
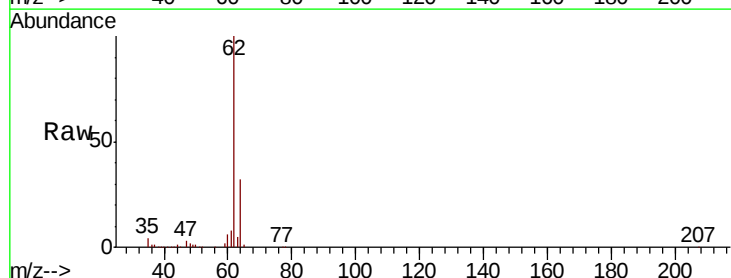
Acq: 28 Aug 2019 13:37

Tgt Ion: 62 Resp: 857458

Ion Ratio Lower Upper

62 100

64 31.6 25.0 37.6





#5

Bromomethane

Concen: 140.042 ug/l

RT: 1.59 min Scan# 157

Delta R.T. -0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

Instrument :

MSVOA_U

ClientSampleId :

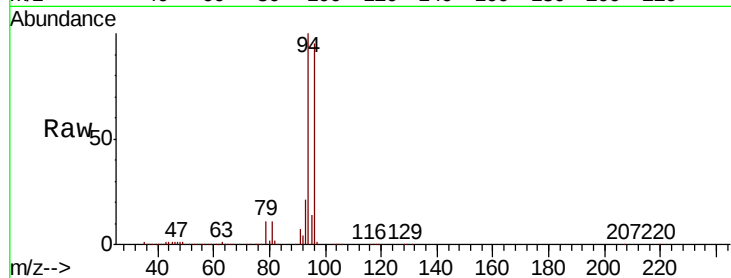
VSTDIC150

Tgt Ion: 94 Resp: 394087

Ion Ratio Lower Upper

94 100

96 95.2 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VU034018.D (-143) (-)

Ion 95.90 (95.60 to 96.60): VU034020.D (-65) (-)

1.59

400000

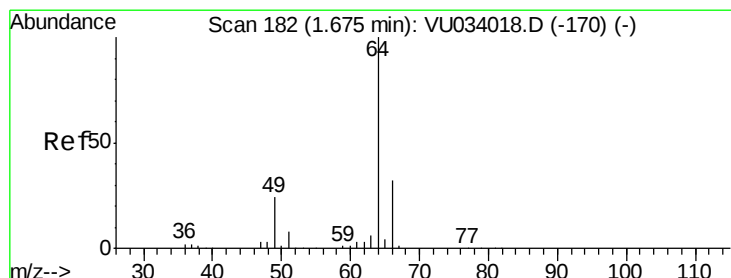
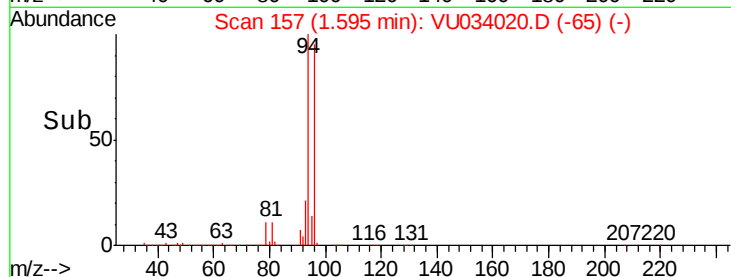
300000

200000

100000

0

Time-->



#6

Chloroethane

Concen: 170.700 ug/l

RT: 1.66 min Scan# 177

Delta R.T. -0.02 min

Lab File: VU034020.D

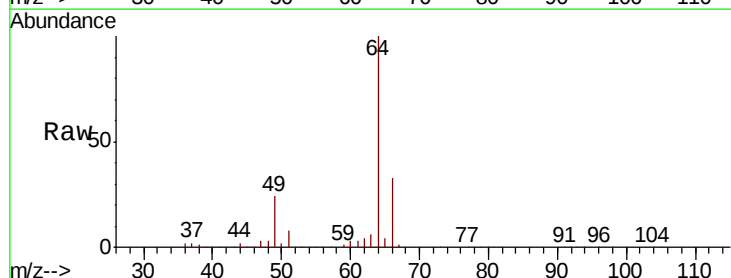
Acq: 28 Aug 2019 13:37

Tgt Ion: 64 Resp: 489215

Ion Ratio Lower Upper

64 100

66 32.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU034018.D (-170) (-)

Ion 65.90 (65.60 to 66.60): VU034020.D (-89) (-)

1.66

400000

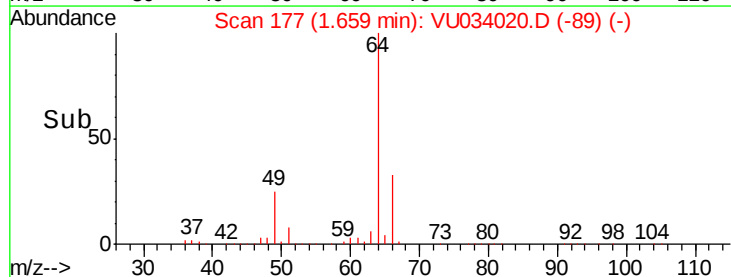
300000

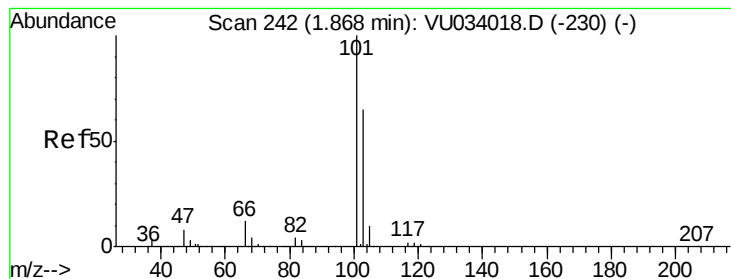
200000

100000

0

Time-->





#7

Trichlorofluoromethane

Concen: 159.480 ug/l

RT: 1.86 min Scan# 239

Delta R.T. -0.01 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

Instrument :

MSVOA_U

ClientSampleId :

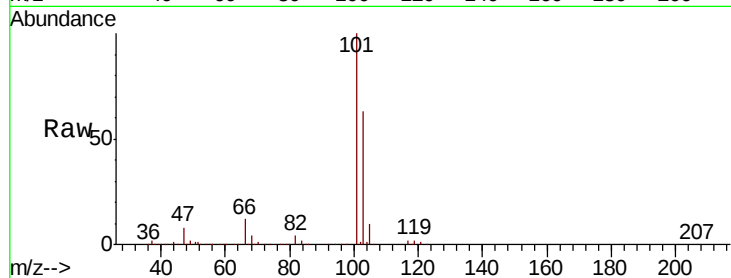
VSTDIC150

Tgt Ion:101 Resp: 976644

Ion Ratio Lower Upper

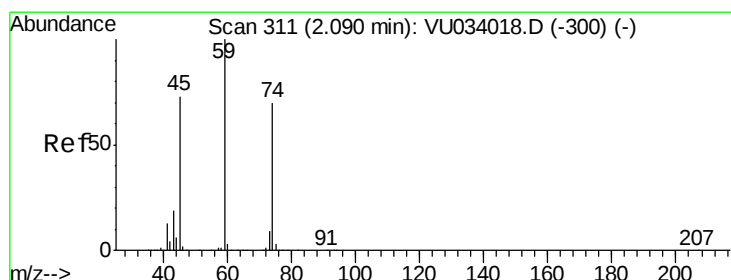
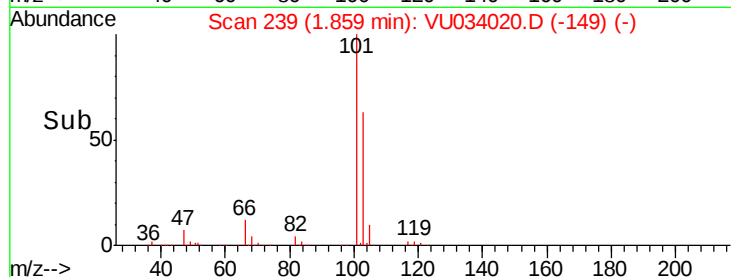
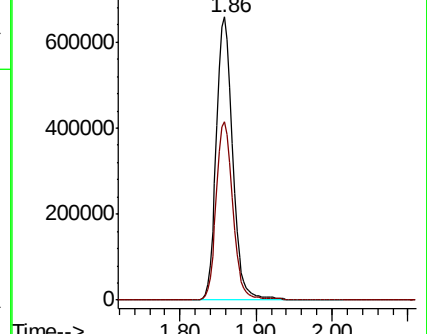
101 100

103 63.2 52.1 78.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 178.897 ug/l

RT: 2.09 min Scan# 311

Delta R.T. 0.00 min

Lab File: VU034020.D

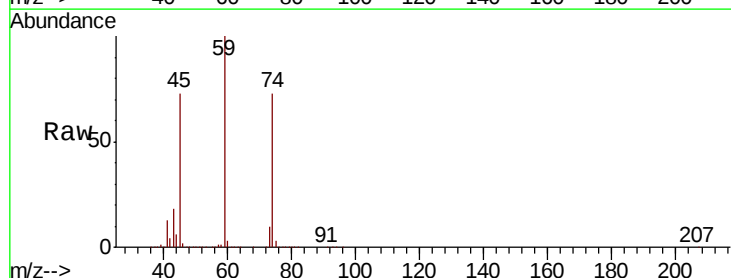
Acq: 28 Aug 2019 13:37

Tgt Ion: 74 Resp: 425670

Ion Ratio Lower Upper

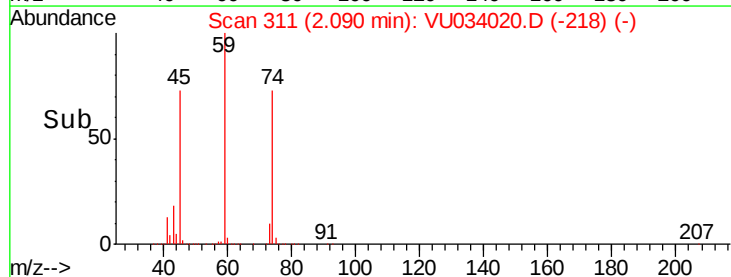
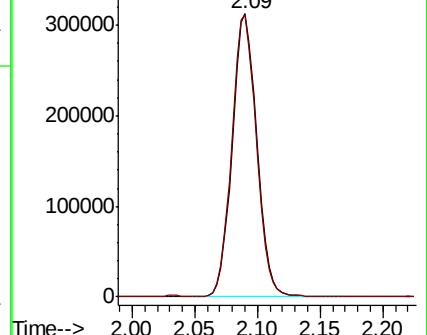
74 100

45 99.5 51.8 155.5



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 155.071 ug/l

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

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ClientSampleId :

VSTDIC150

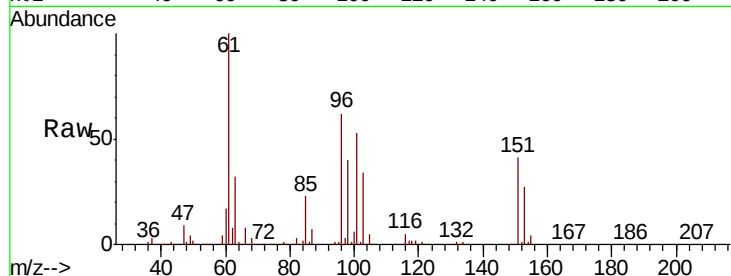
Tgt Ion:101 Resp: 600611

Ion Ratio Lower Upper

101 100

85 43.0 34.2 51.2

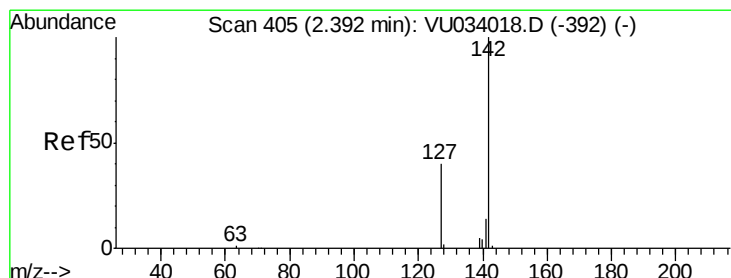
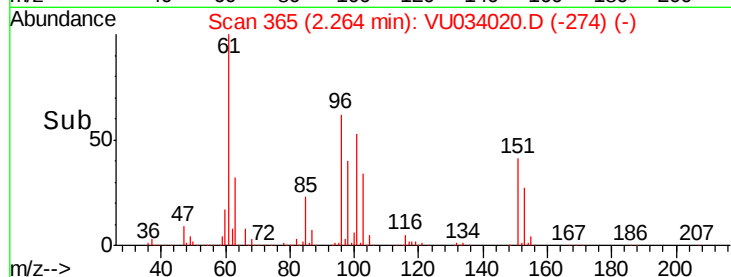
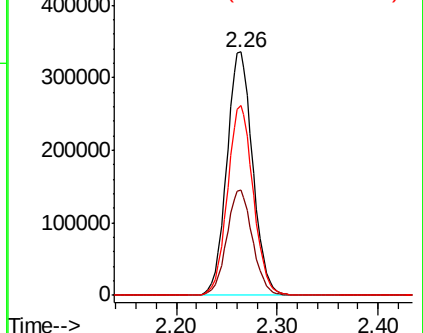
151 77.7 61.4 92.2



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: 157.359 ug/l

RT: 2.39 min Scan# 404

Delta R.T. -0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

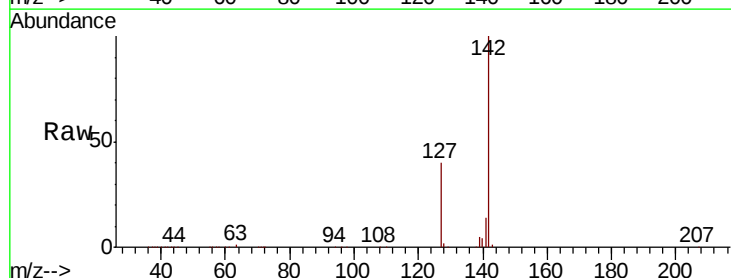
Tgt Ion:142 Resp: 916212

Ion Ratio Lower Upper

142 100

127 40.8 32.6 48.8

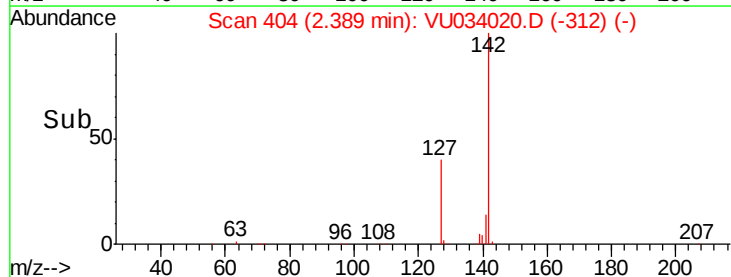
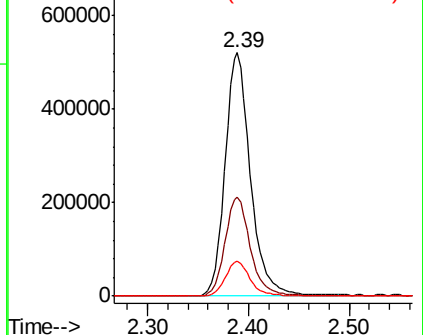
141 14.2 11.3 16.9

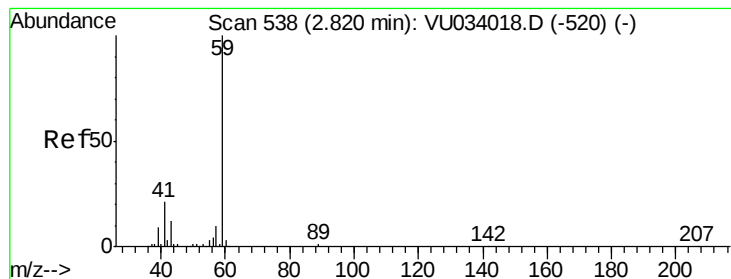


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



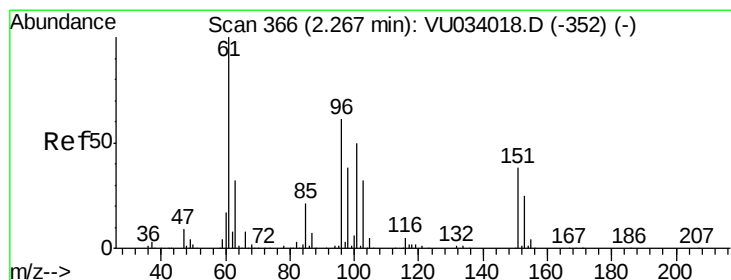
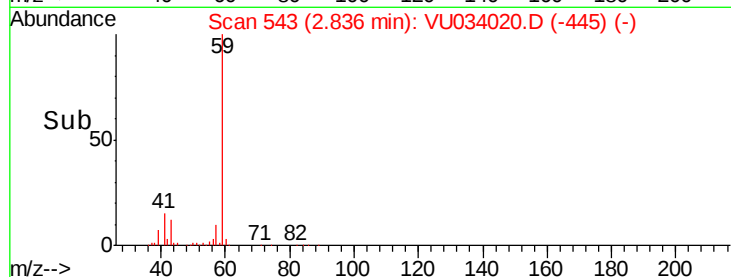
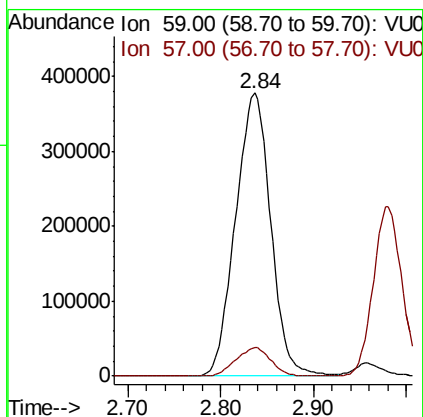
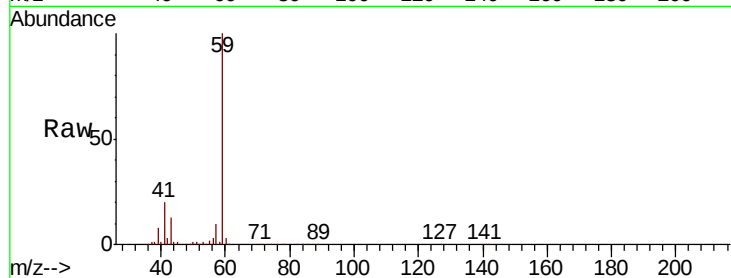


#11

Tert butyl alcohol
 Concen: 759.925 ug/l
 RT: 2.84 min Scan# 543
 Delta R.T. 0.02 min
 Lab File: VU034020.D
 Acq: 28 Aug 2019 13:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

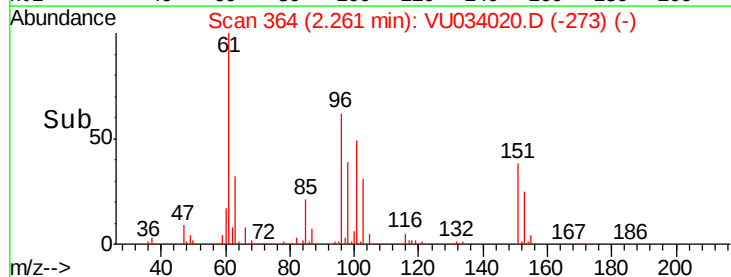
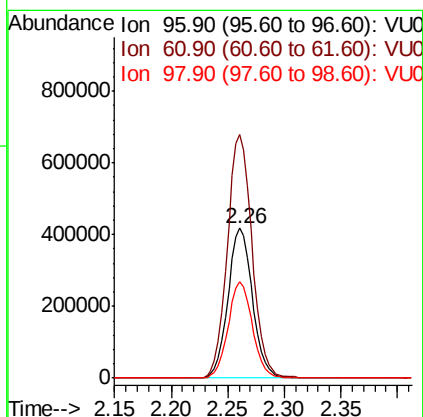
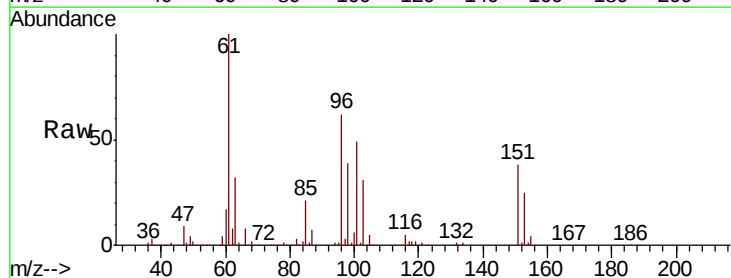
Tgt Ion: 59 Resp: 996086
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.0 12.0

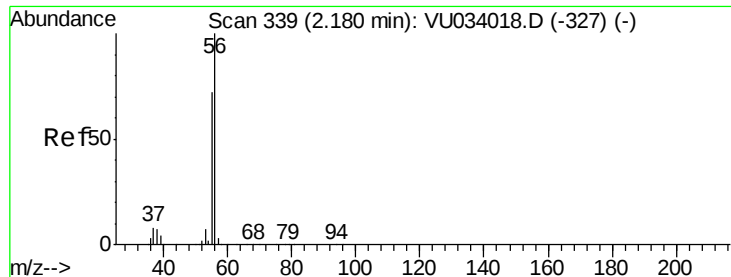


#12

1,1-Dichloroethene
 Concen: 155.252 ug/l
 RT: 2.26 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VU034020.D
 Acq: 28 Aug 2019 13:37

Tgt Ion: 96 Resp: 628455
 Ion Ratio Lower Upper
 96 100
 61 162.5 131.3 196.9
 98 64.1 50.3 75.5





#13

Acrolein

Concen: 845.124 ug/l

RT: 2.18 min Scan# 339

Delta R.T. 0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

Instrument :

MSVOA_U

ClientSampleId :

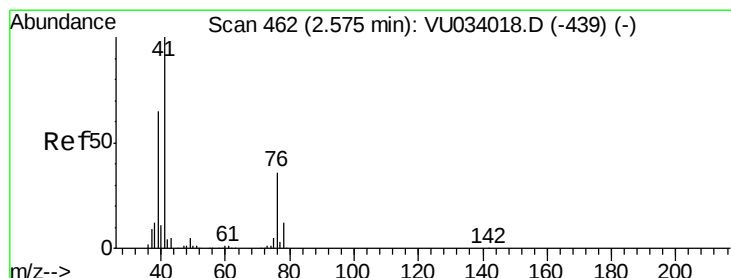
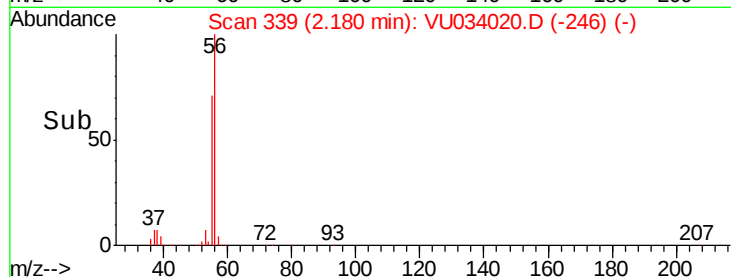
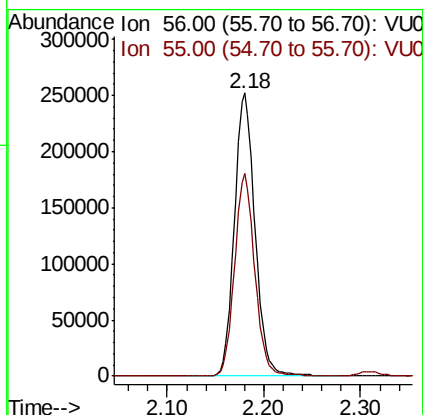
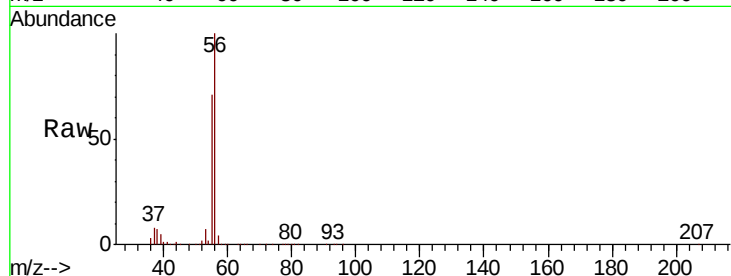
VSTDIC150

Tgt Ion: 56 Resp: 374170

Ion Ratio Lower Upper

56 100

55 70.0 57.1 85.7



#14

Allyl chloride

Concen: 164.179 ug/l

RT: 2.57 min Scan# 460

Delta R.T. -0.01 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

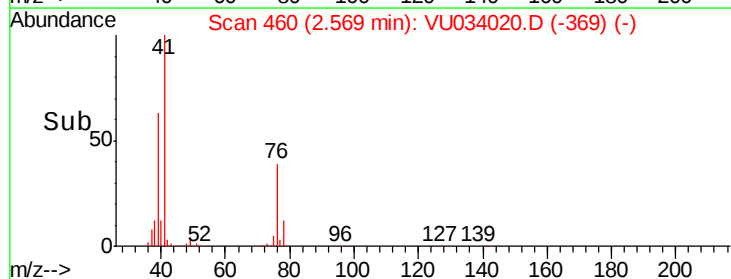
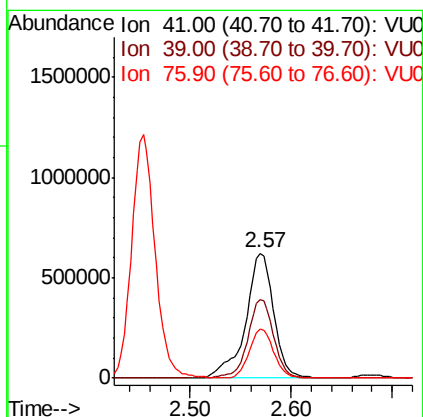
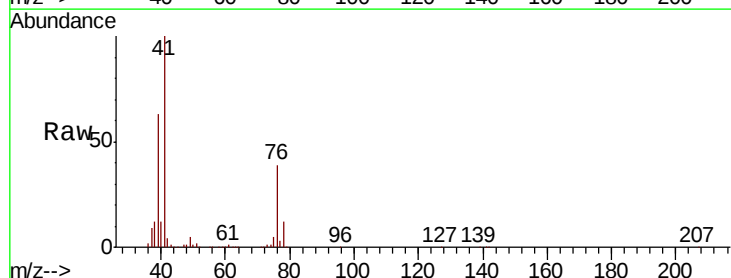
Tgt Ion: 41 Resp: 1191530

Ion Ratio Lower Upper

41 100

39 57.5 46.8 70.2

76 33.9 26.6 40.0





#15

Acrylonitrile

Concen: 820.793 ug/l

RT: 2.92 min Scan# 568

Delta R.T. 0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

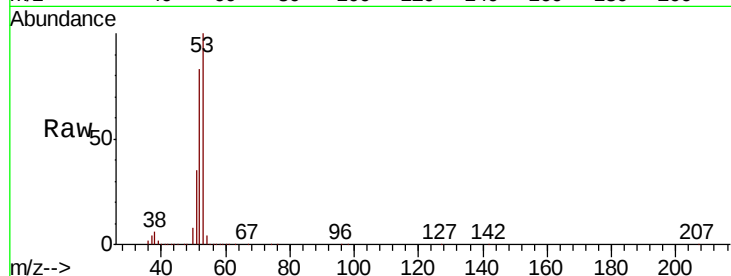
Tgt Ion: 53 Resp: 2215170

Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.7	98.5
51	34.9	27.9	41.9

53 100

52 82.0 65.7 98.5

51 34.9 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VU034020.D (-286) (-)

Ion 52.00 (51.70 to 52.70): VU034020.D (-286) (-)

Ion 51.00 (50.70 to 51.70): VU034020.D (-286) (-)

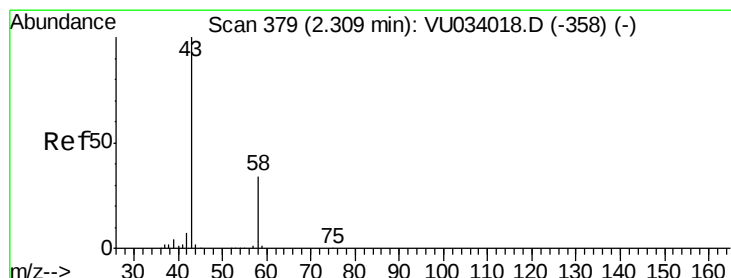
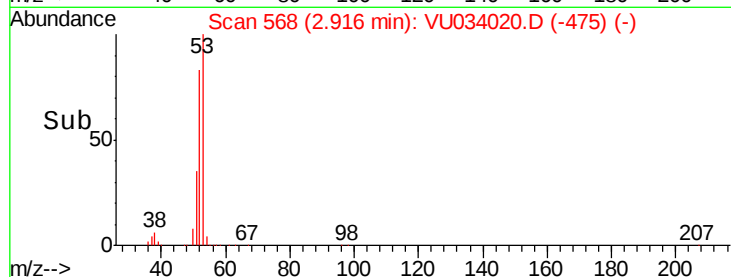
2.92

1000000

500000

0

Time-->



#16

Acetone

Concen: 785.977 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034020.D

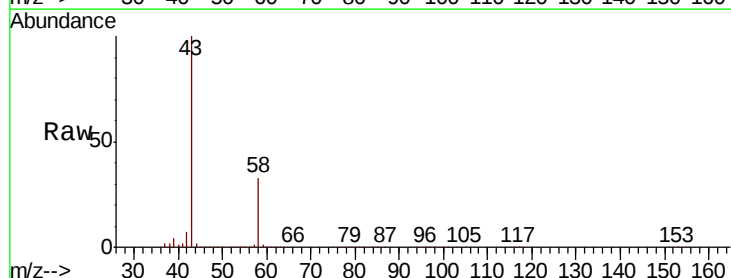
Acq: 28 Aug 2019 13:37

Tgt Ion: 43 Resp: 1952750

Ion	Ratio	Lower	Upper
43	100		
58	33.4	26.8	40.2

43 100

58 33.4 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034020.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034020.D (-286) (-)

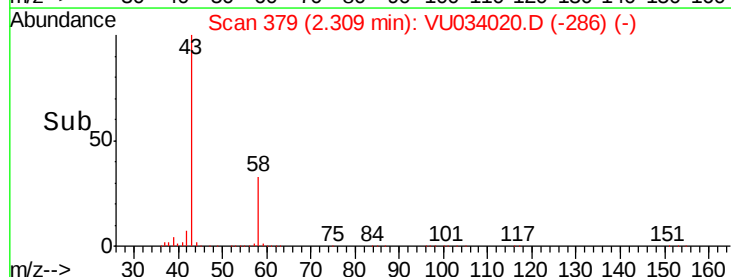
2.31

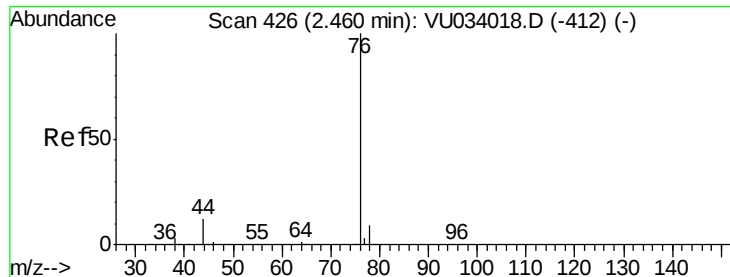
1000000

500000

0

Time-->

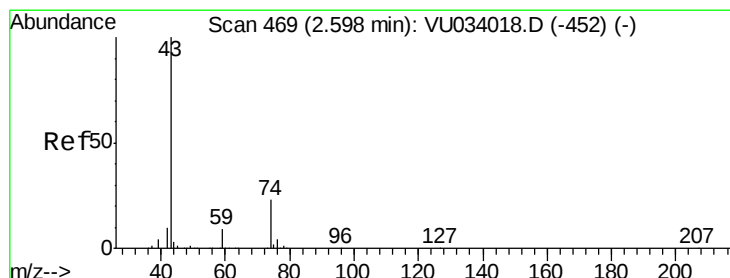
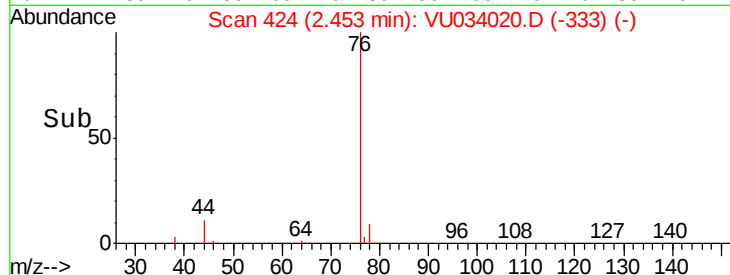
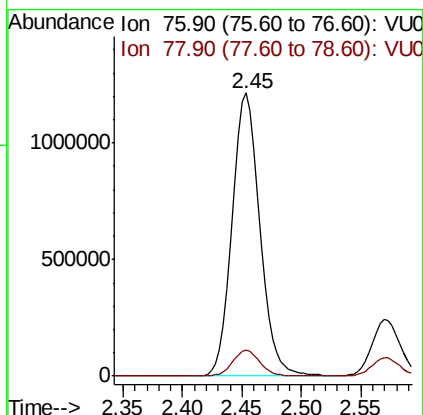
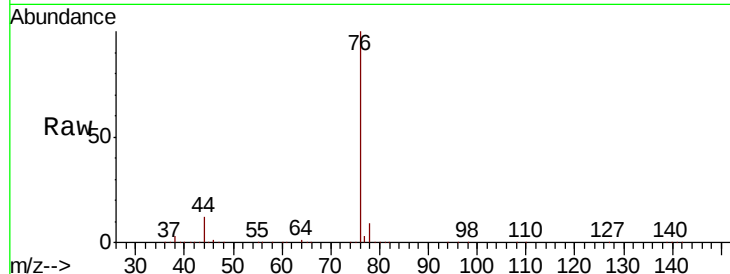




#17
Carbon Disulfide
Concen: 148.695 ug/l
RT: 2.45 min Scan# 424
Delta R.T. -0.01 min
Lab File: VU034020.D
Acq: 28 Aug 2019 13:37

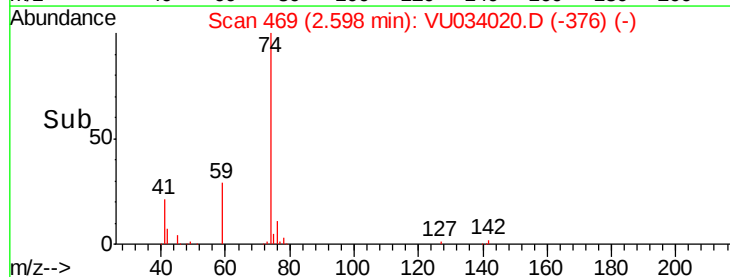
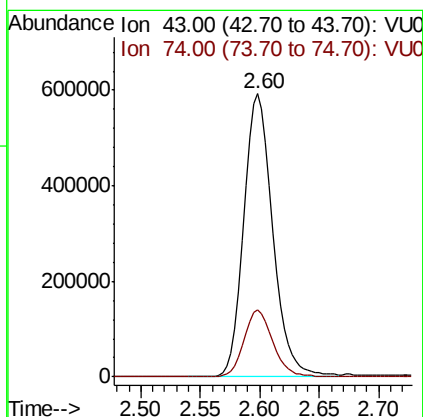
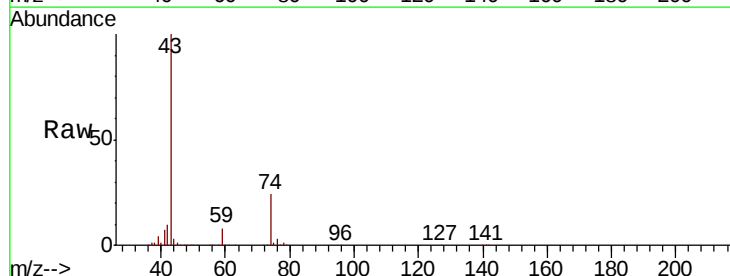
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

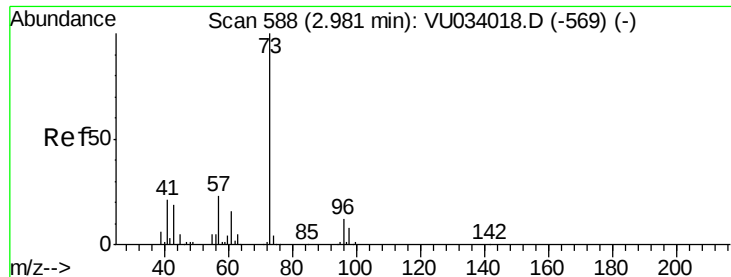
Tgt Ion: 76 Resp: 1970454
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 163.359 ug/l
RT: 2.60 min Scan# 469
Delta R.T. 0.00 min
Lab File: VU034020.D
Acq: 28 Aug 2019 13:37

Tgt Ion: 43 Resp: 996616
Ion Ratio Lower Upper
43 100
74 23.9 19.2 28.8

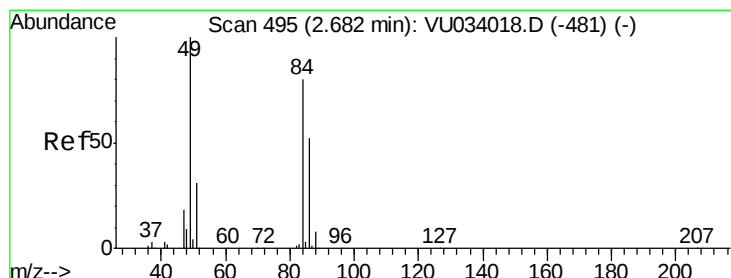
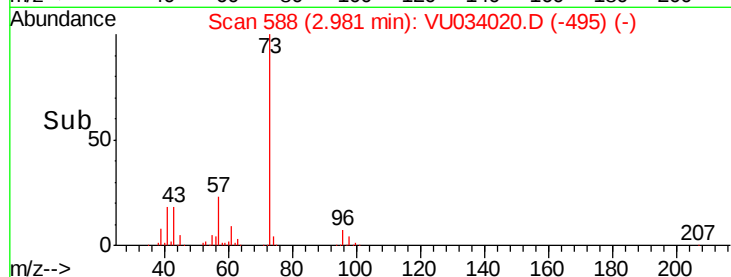
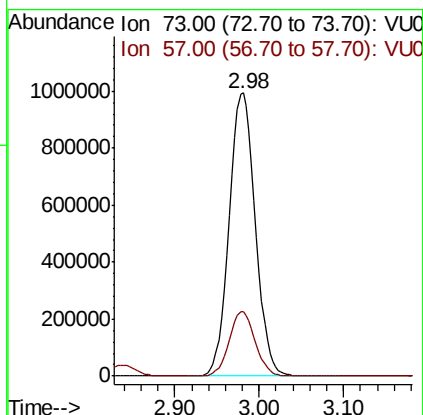
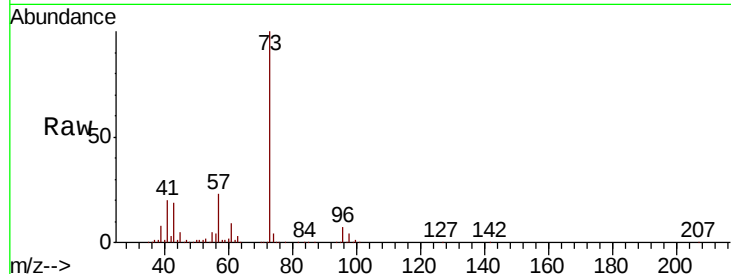




#19
Methyl tert-butyl Ether
Concen: 157.589 ug/l
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU034020.D
Acq: 28 Aug 2019 13:37

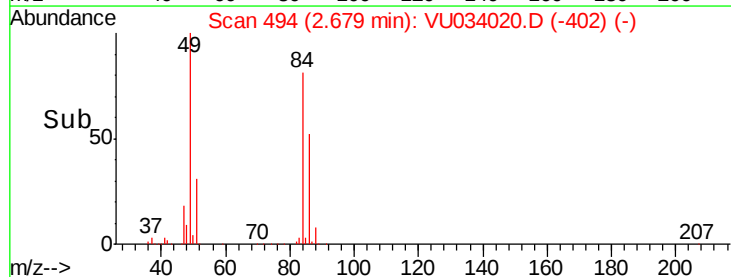
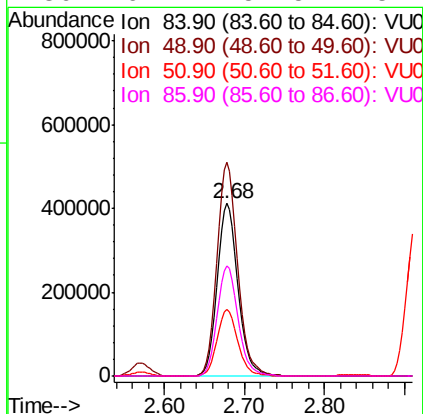
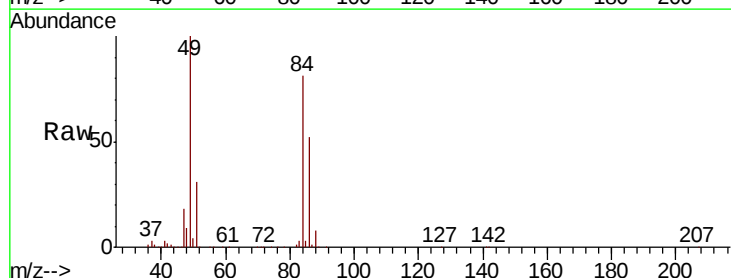
Instrument :
MSVOA_U
ClientSampled :
VSTDIC150

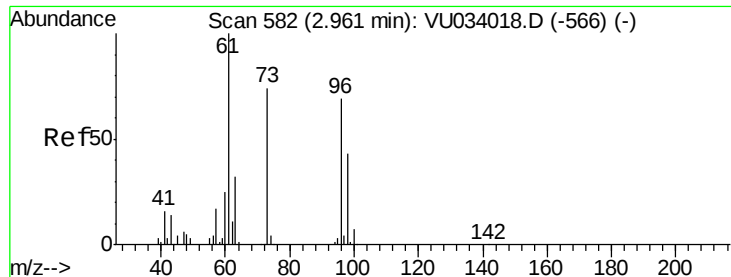
Tgt Ion: 73 Resp: 2138049
Ion Ratio Lower Upper
73 100
57 22.8 18.3 27.5



#20
Methylene Chloride
Concen: 144.325 ug/l
RT: 2.68 min Scan# 494
Delta R.T. -0.00 min
Lab File: VU034020.D
Acq: 28 Aug 2019 13:37

Tgt Ion: 84 Resp: 743920
Ion Ratio Lower Upper
84 100
49 123.6 100.2 150.4
51 38.3 30.8 46.2
86 64.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 147.559 ug/l

RT: 2.96 min Scan# 581

Delta R.T. -0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

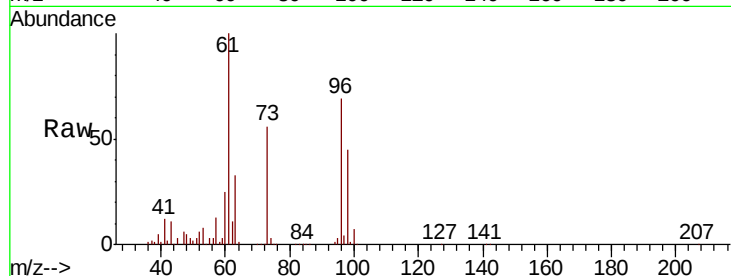
Tgt Ion: 96 Resp: 675328

Ion Ratio Lower Upper

96 100

61 145.9 115.5 173.3

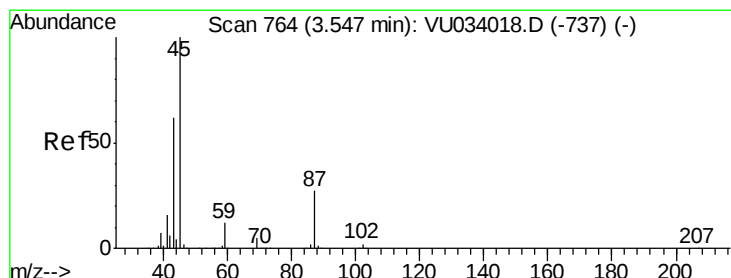
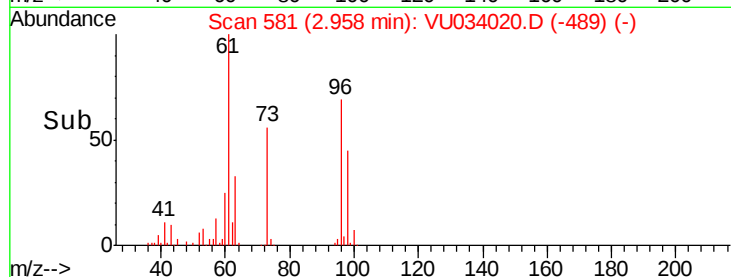
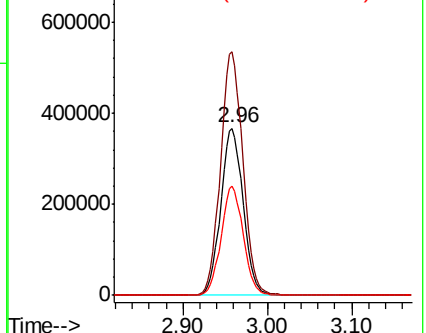
98 65.3 50.1 75.1



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

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

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



#22

Diisopropyl ether

Concen: 164.265 ug/l

RT: 3.55 min Scan# 764

Delta R.T. 0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

Tgt Ion: 45 Resp: 2193822

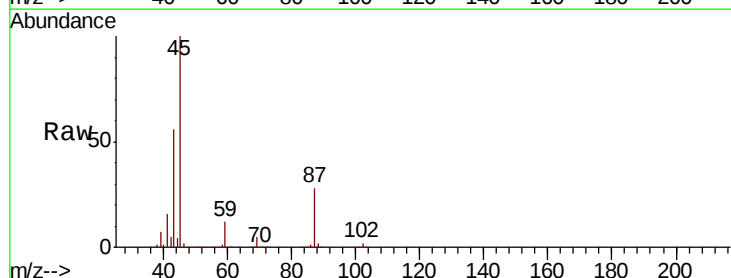
Ion Ratio Lower Upper

45 100

43 56.0 49.7 74.5

87 28.0 21.8 32.8

59 12.0 9.3 13.9

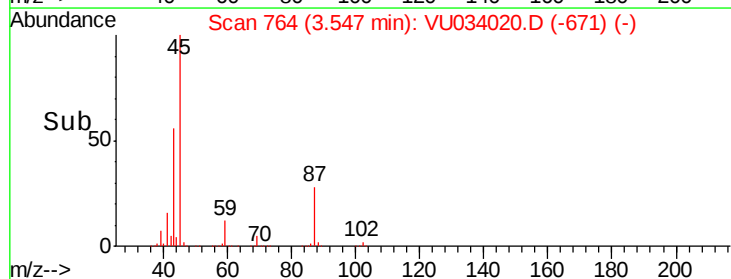
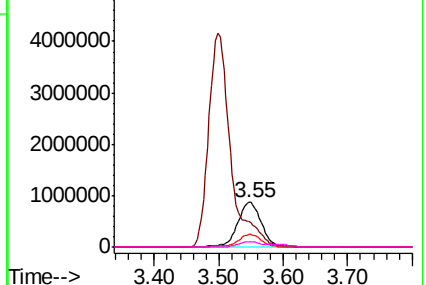


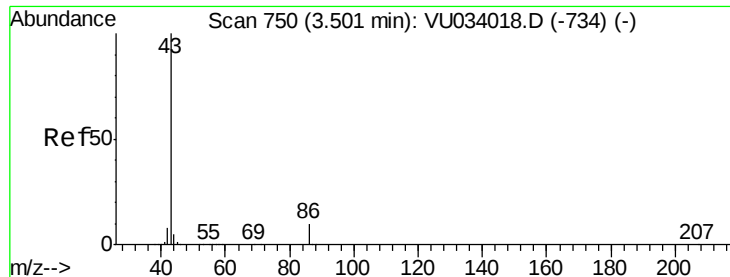
Abundance Ion 45.00 (44.70 to 45.70): VU034018.D (-737) (-)

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

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

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





#23

Vinyl Acetate

Concen: 868.186 ug/l

RT: 3.50 min Scan# 749

Delta R.T. -0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

Instrument :

MSVOA_U

ClientSampleId :

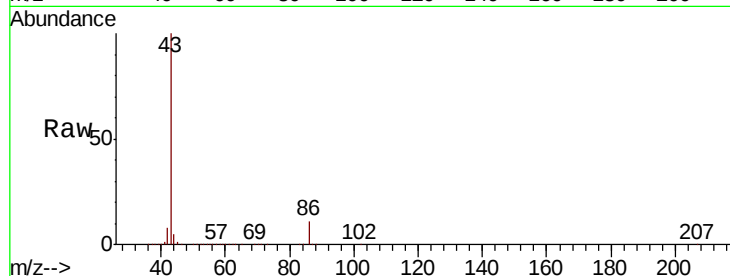
VSTDIC150

Tgt Ion: 43 Resp: 9880605

Ion Ratio Lower Upper

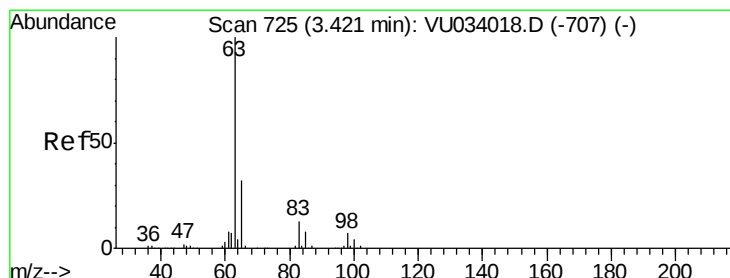
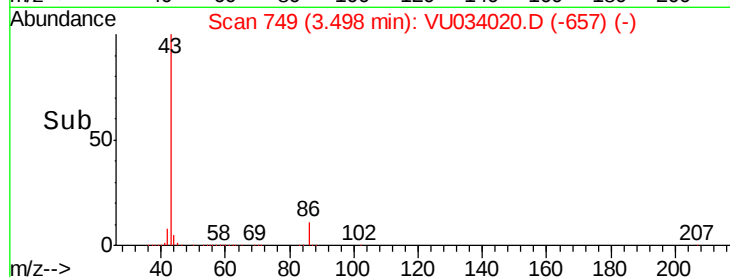
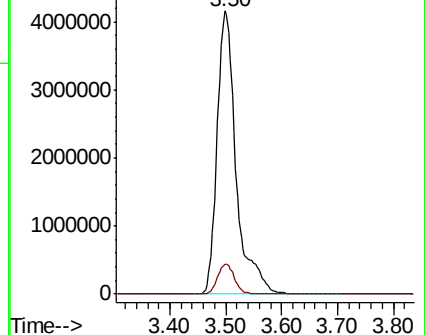
43 100

86 10.5 8.3 12.5



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

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



#24

1,1-Dichloroethane

Concen: 156.778 ug/l

RT: 3.42 min Scan# 724

Delta R.T. -0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

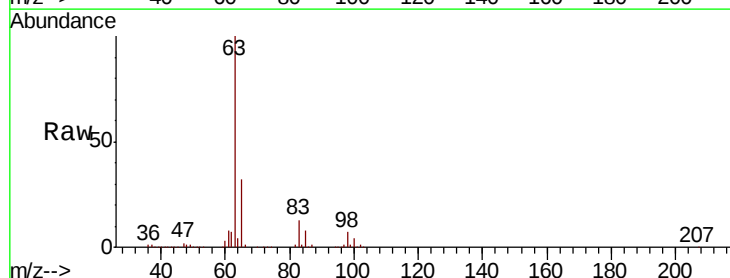
Tgt Ion: 63 Resp: 1293005

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

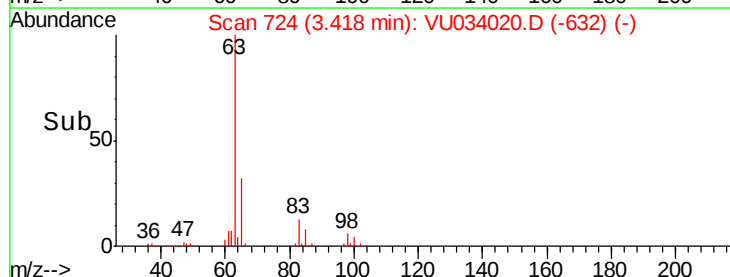
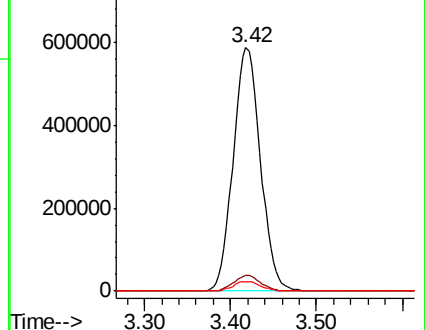
100 4.1 2.0 6.0

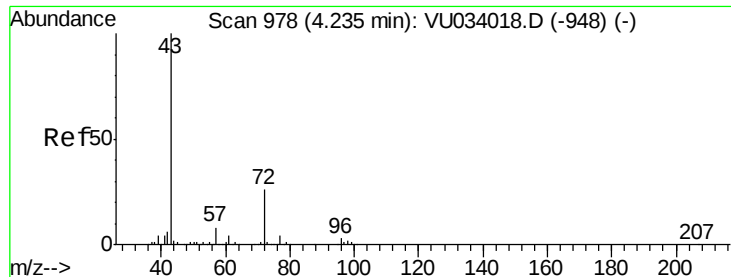


Abundance Ion 62.90 (62.60 to 63.60): VU034018.D (-707) (-)

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

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





#25

2-Butanone

Concen: 856.913 ug/l

RT: 4.23 min Scan# 978

Delta R.T. 0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

Instrument :

MSVOA_U

ClientSampleId :

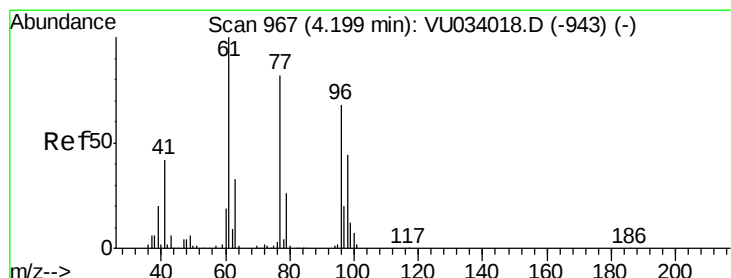
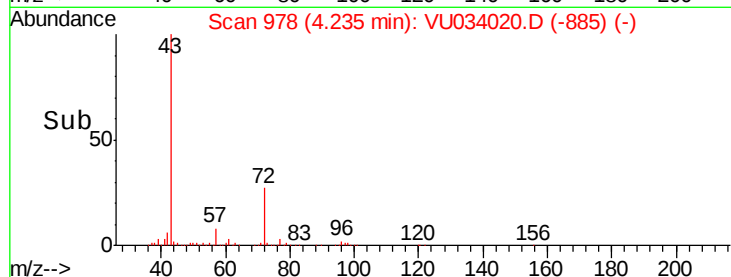
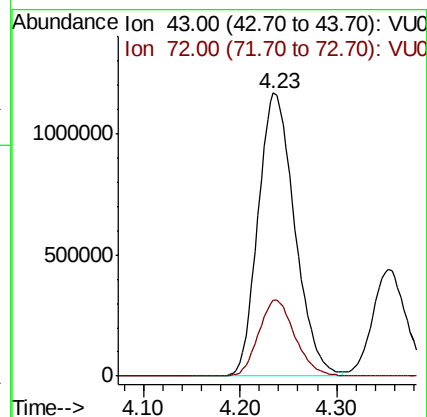
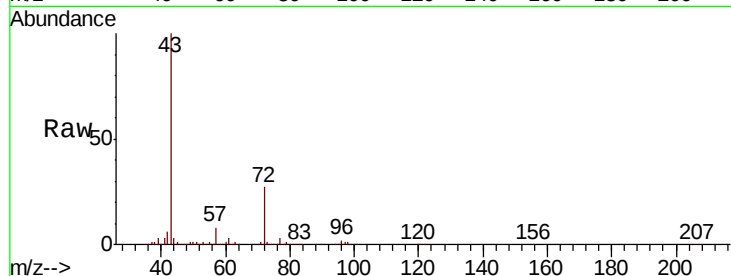
VSTDIC150

Tgt Ion: 43 Resp: 3055737

Ion Ratio Lower Upper

43 100

72 26.8 21.2 31.8



#26

2,2-Dichloropropane

Concen: 150.874 ug/l

RT: 4.20 min Scan# 966

Delta R.T. -0.00 min

Lab File: VU034020.D

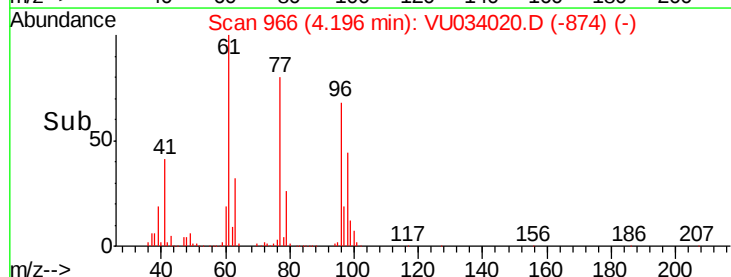
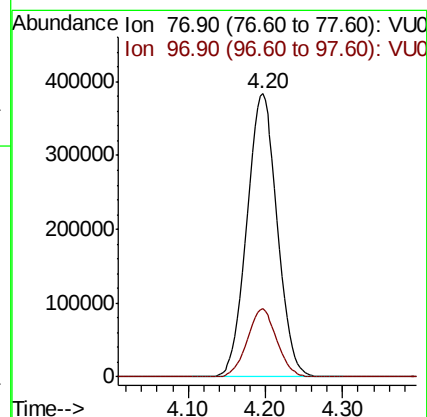
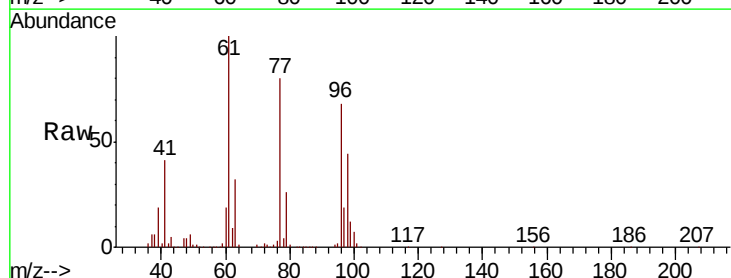
Acq: 28 Aug 2019 13:37

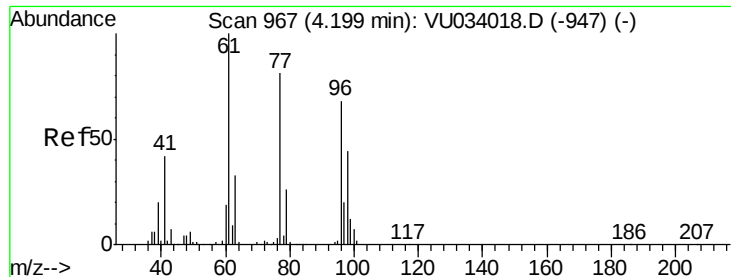
Tgt Ion: 77 Resp: 1046354

Ion Ratio Lower Upper

77 100

97 23.5 11.6 34.7



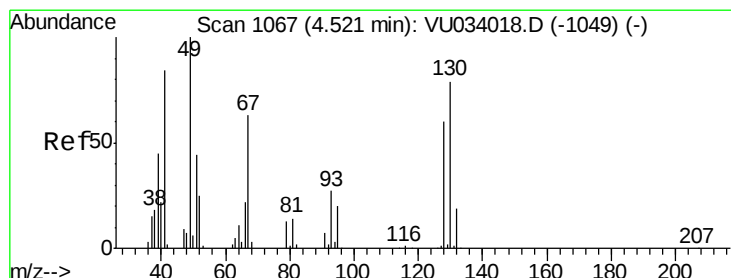
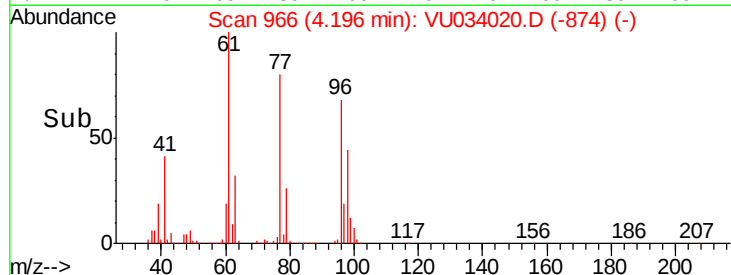
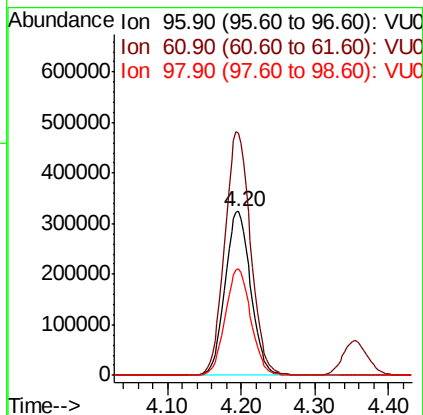
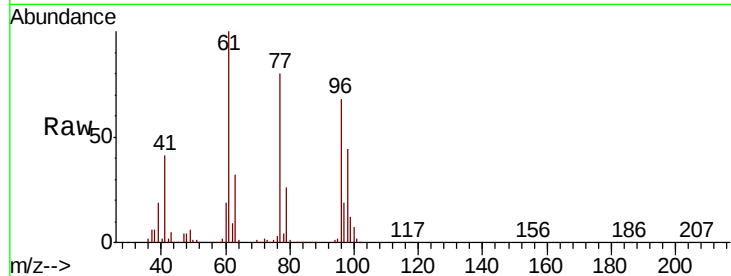


#27

cis-1,2-Dichloroethene
 Concen: 152.513 ug/l
 RT: 4.20 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VU034020.D
 Acq: 28 Aug 2019 13:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

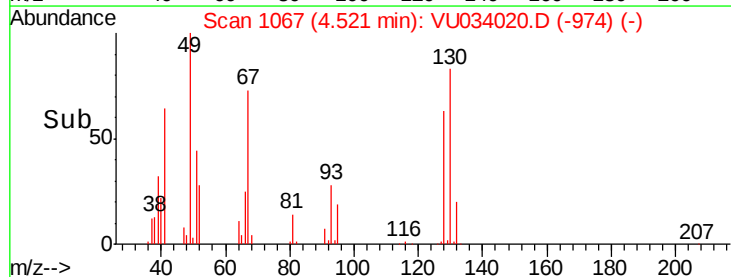
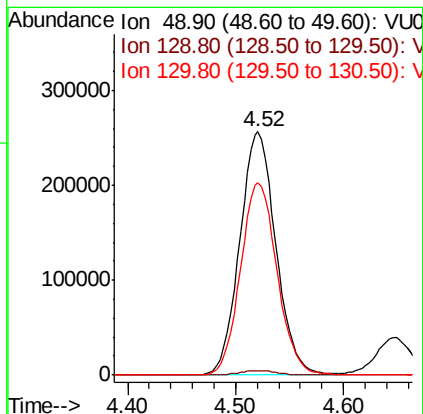
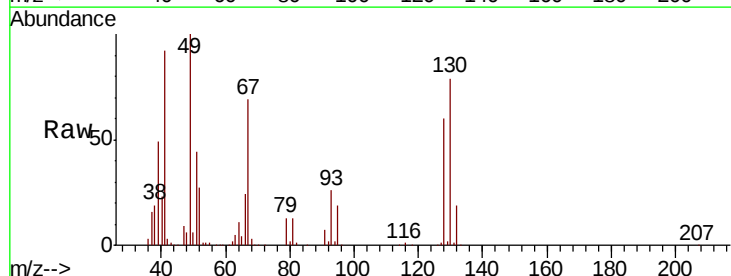
Tgt Ion: 96 Resp: 782754
 Ion Ratio Lower Upper
 96 100
 61 150.0 0.0 303.0
 98 64.7 0.0 129.2

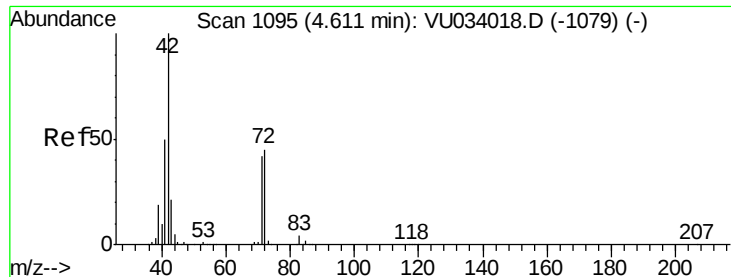


#28

Bromochloromethane
 Concen: 155.704 ug/l
 RT: 4.52 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VU034020.D
 Acq: 28 Aug 2019 13:37

Tgt Ion: 49 Resp: 596476
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.6
 130 80.1 62.8 94.2





#29

Tetrahydrofuran

Concen: 840.474 ug/l

RT: 4.61 min Scan# 1095

Delta R.T. 0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

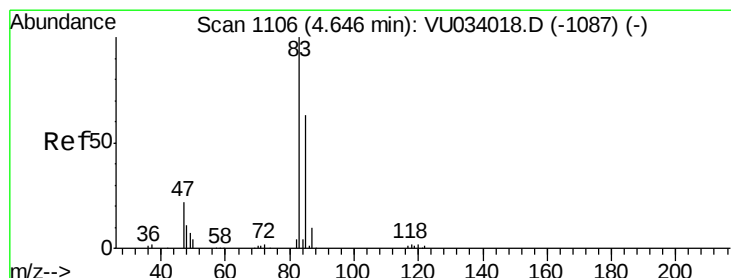
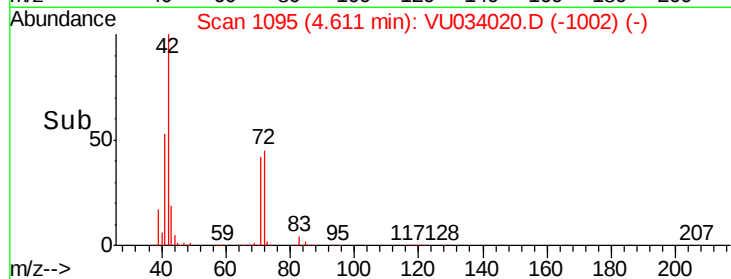
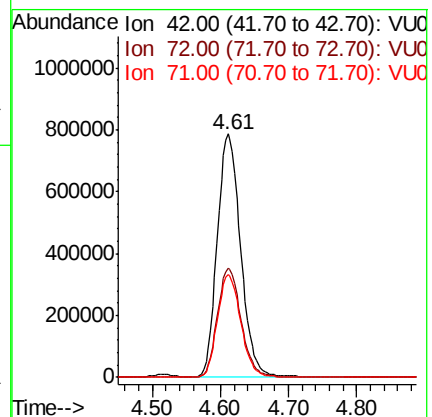
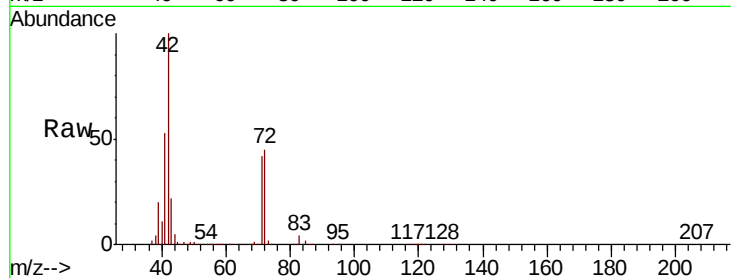
Tgt Ion: 42 Resp: 1867184

Ion Ratio Lower Upper

42 100

72 45.6 35.8 53.6

71 42.4 34.0 51.0



#30

Chloroform

Concen: 145.237 ug/l

RT: 4.65 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VU034020.D

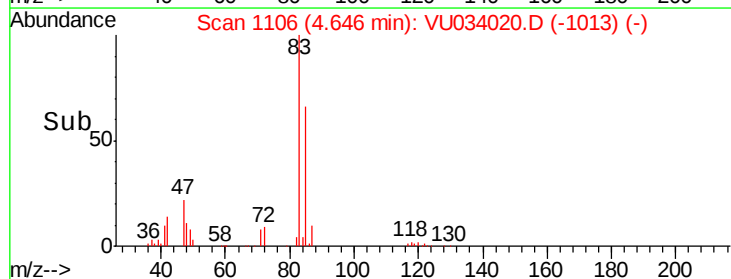
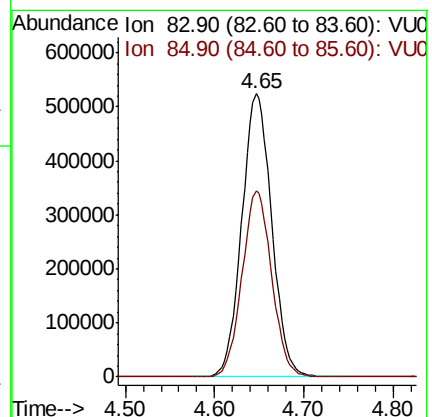
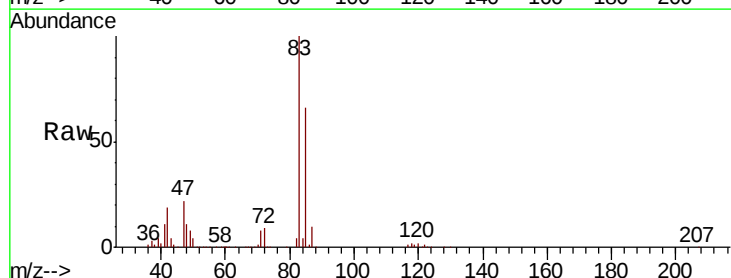
Acq: 28 Aug 2019 13:37

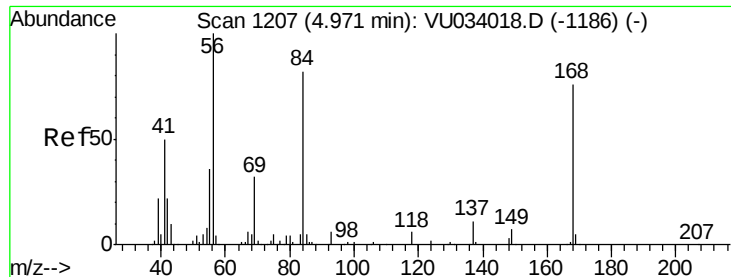
Tgt Ion: 83 Resp: 1218063

Ion Ratio Lower Upper

83 100

85 65.6 50.7 76.1

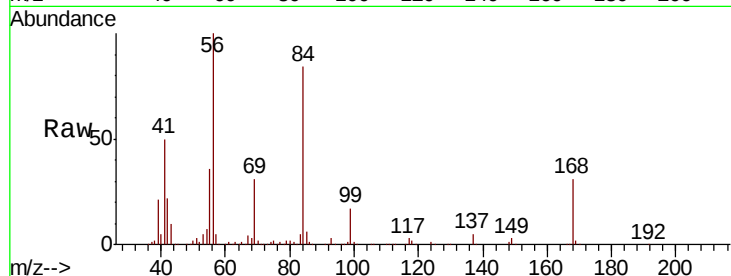




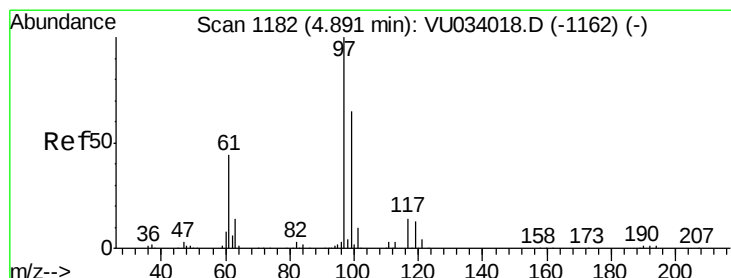
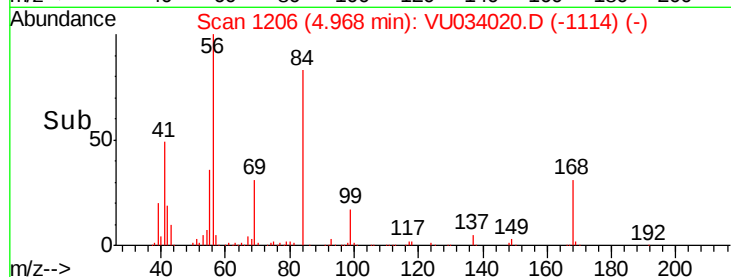
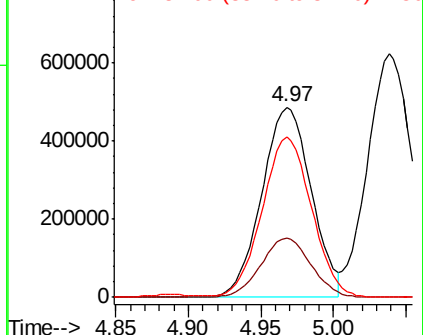
#31
Cyclohexane
Concen: 151.391 ug/l
RT: 4.97 min Scan# 1206
Delta R.T. -0.00 min
Lab File: VU034020.D
Acq: 28 Aug 2019 13:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 56 Resp: 1155218
Ion Ratio Lower Upper
56 100
69 31.3 25.4 38.0
84 83.2 65.8 98.8

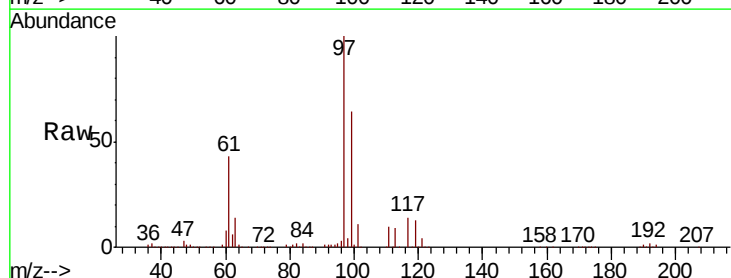


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

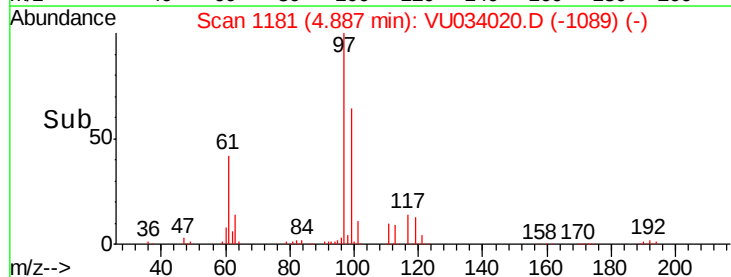
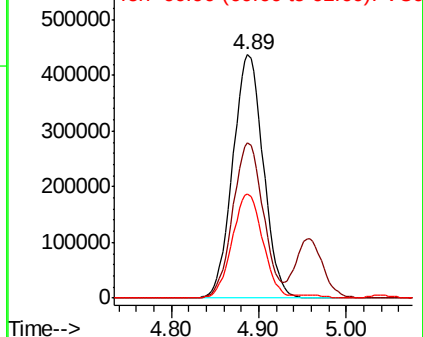


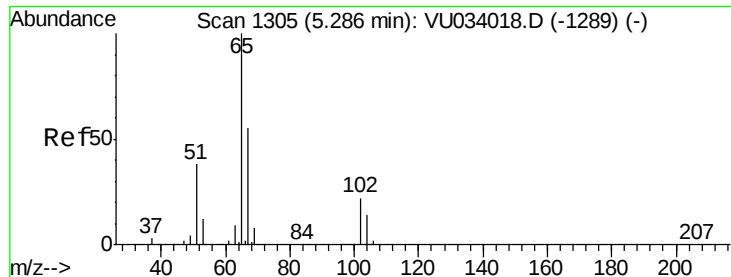
#32
1,1,1-Trichloroethane
Concen: 150.598 ug/l
RT: 4.89 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU034020.D
Acq: 28 Aug 2019 13:37

Tgt Ion: 97 Resp: 1057388
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.6
61 43.4 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

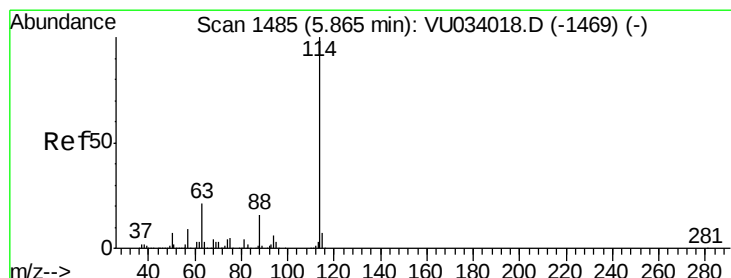
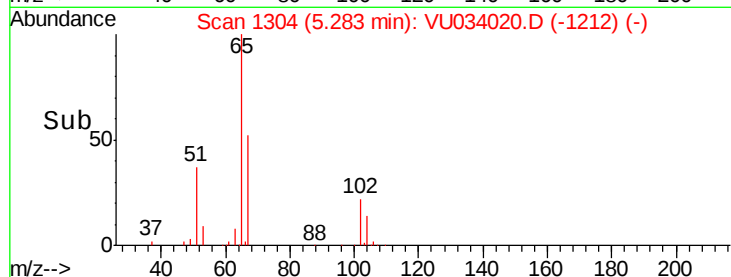
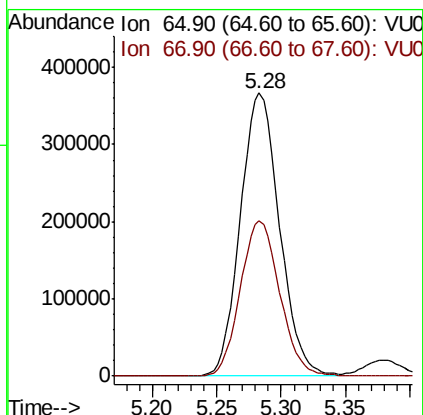
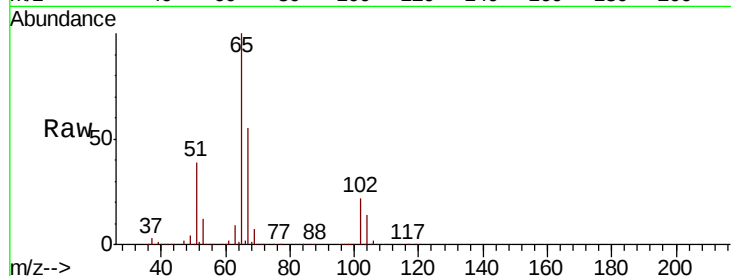




#33
 1,2-Dichloroethane-d4
 Concen: 151.361 ug/l
 RT: 5.28 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: VU034020.D
 Acq: 28 Aug 2019 13:37

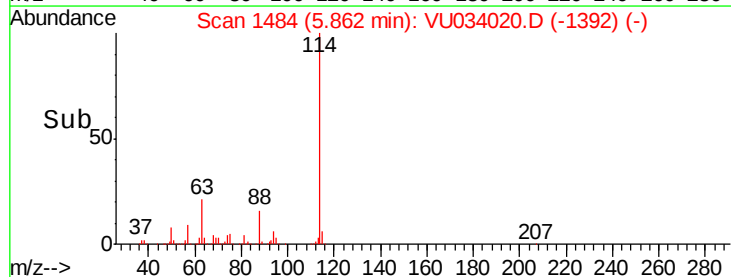
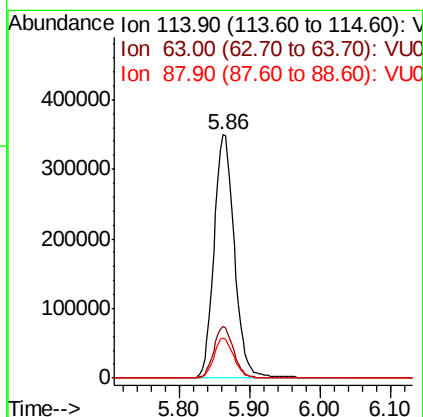
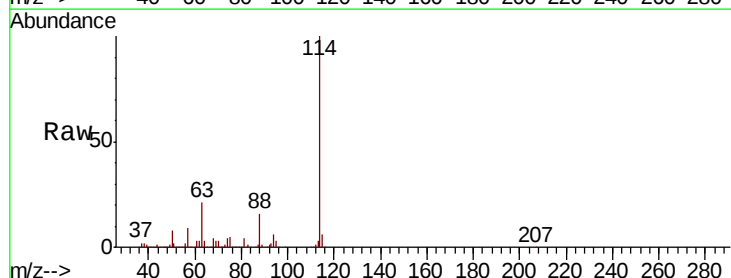
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

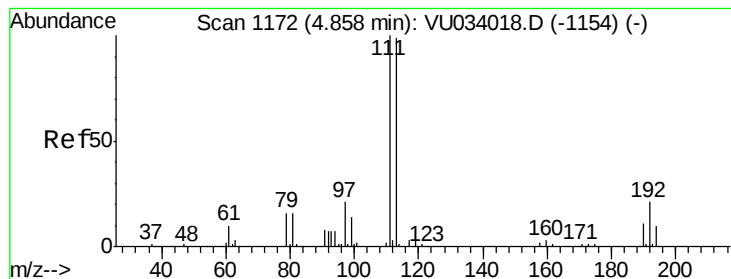
Tgt Ion: 65 Resp: 776759
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: VU034020.D
 Acq: 28 Aug 2019 13:37

Tgt Ion: 114 Resp: 703187
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.0
 88 16.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 137.951 ug/l

RT: 4.86 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

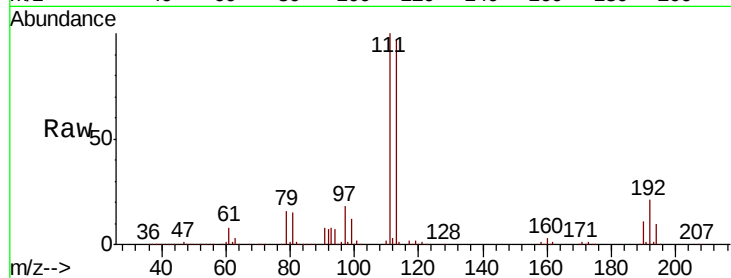
Tgt Ion: 113 Resp: 661449

Ion Ratio Lower Upper

113 100

111 103.5 81.7 122.5

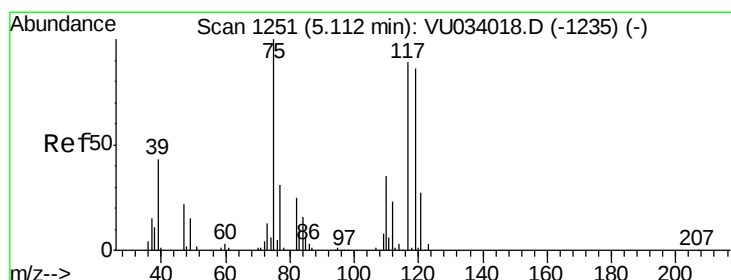
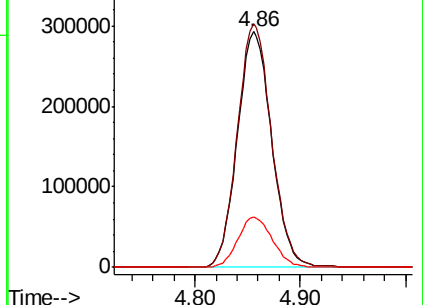
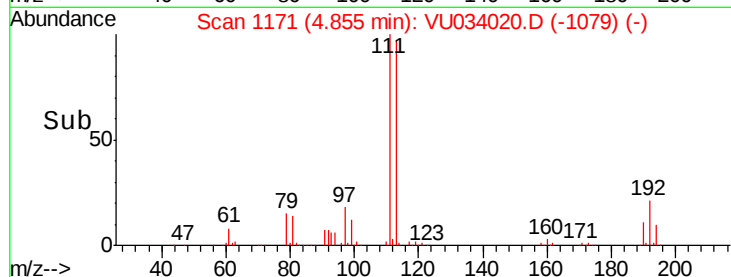
192 21.6 17.1 25.7



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: 145.216 ug/l

RT: 5.11 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

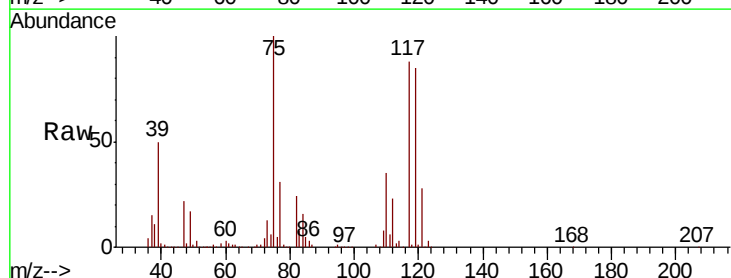
Tgt Ion: 75 Resp: 956569

Ion Ratio Lower Upper

75 100

110 35.4 17.8 53.5

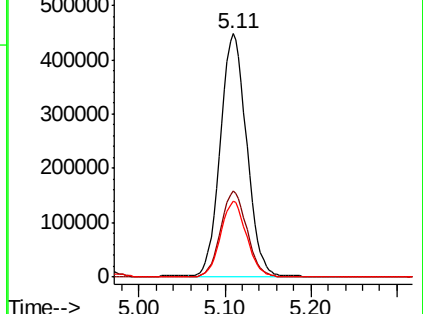
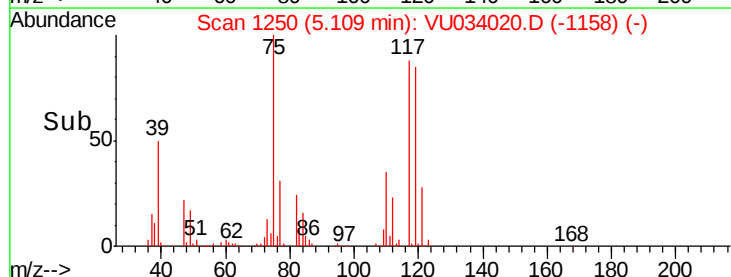
77 30.7 25.0 37.4

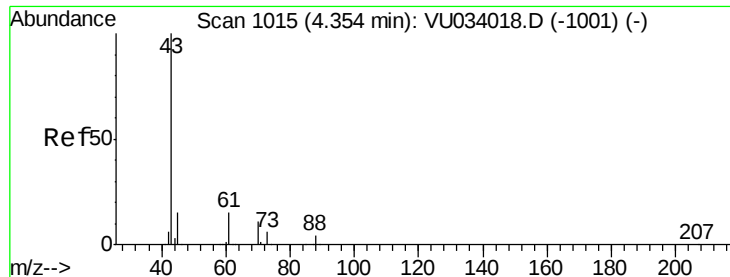


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

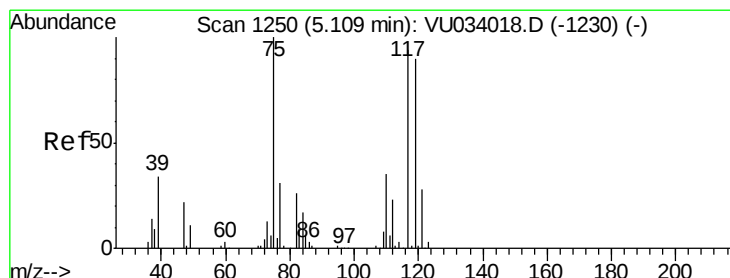
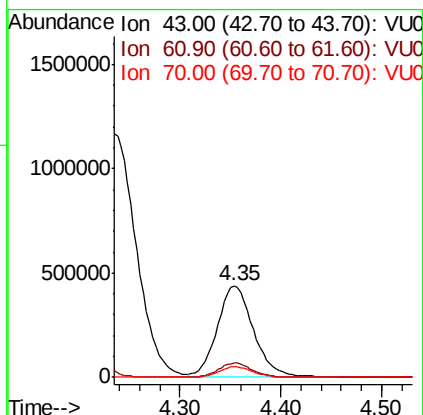
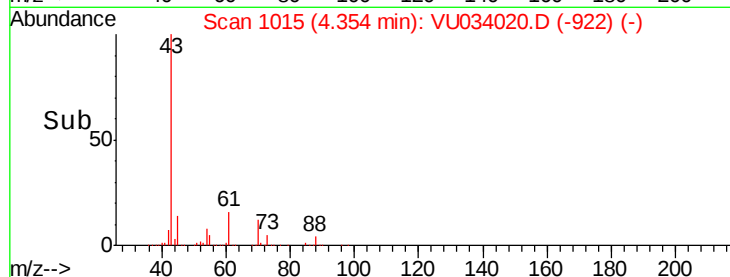
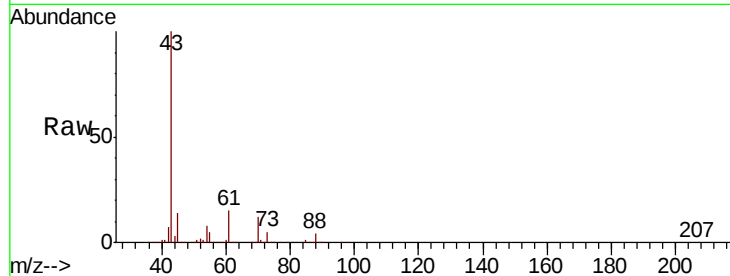




#37
Ethyl Acetate
Concen: 161.053 ug/l
RT: 4.35 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VU034020.D
Acq: 28 Aug 2019 13:37

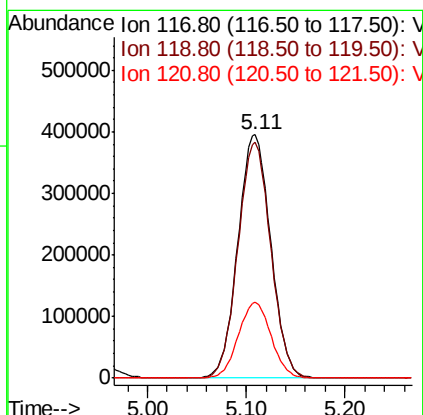
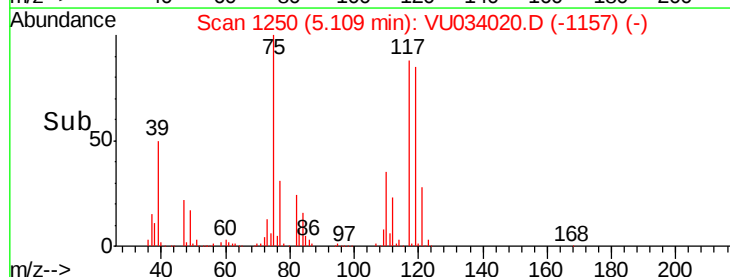
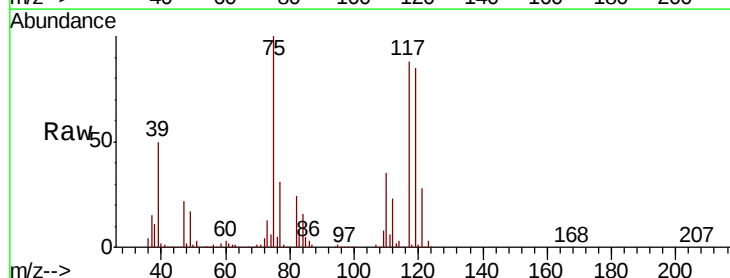
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

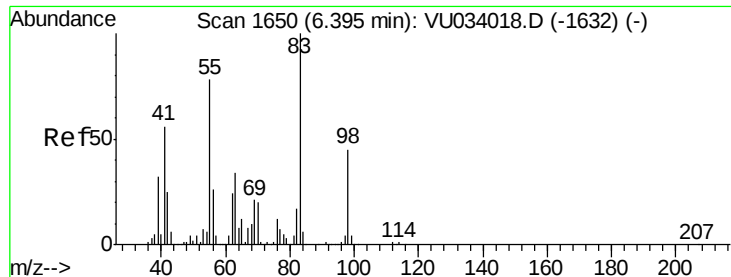
Tgt Ion: 43 Resp: 1081690
Ion Ratio Lower Upper
43 100
61 15.0 11.5 17.3
70 11.2 8.6 12.8



#38
Carbon Tetrachloride
Concen: 137.035 ug/l
RT: 5.11 min Scan# 1250
Delta R.T. 0.00 min
Lab File: VU034020.D
Acq: 28 Aug 2019 13:37

Tgt Ion: 117 Resp: 910014
Ion Ratio Lower Upper
117 100
119 96.9 77.0 115.4
121 31.2 23.9 35.9

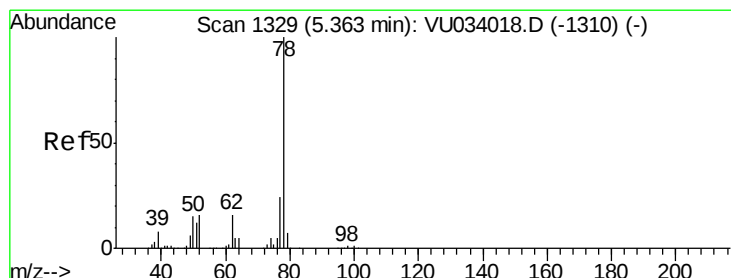
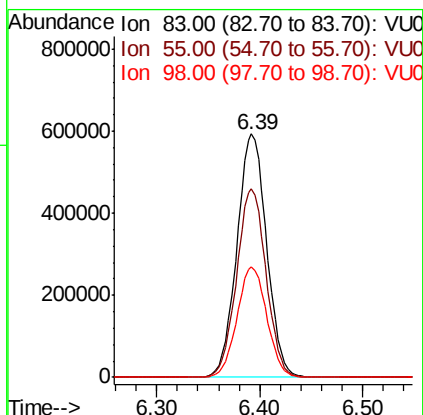
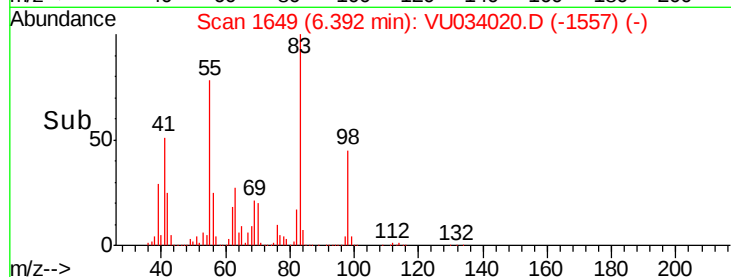
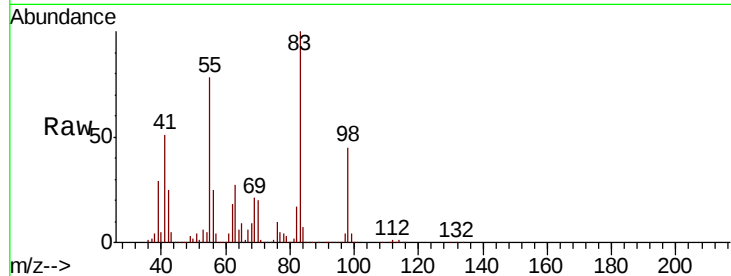




#39
Methylcyclohexane
Concen: 152.595 ug/l
RT: 6.39 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VU034020.D
Acq: 28 Aug 2019 13:37

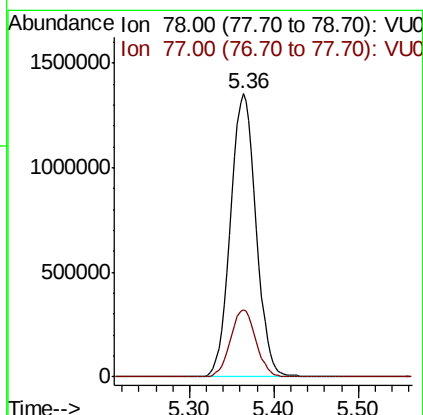
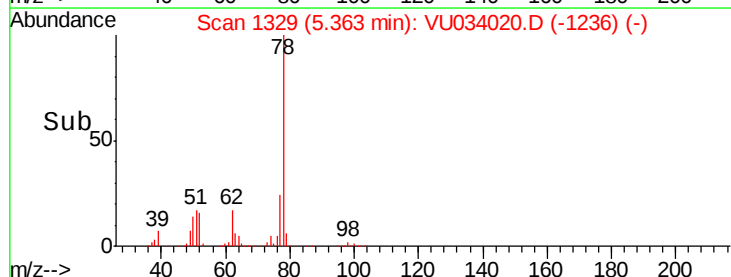
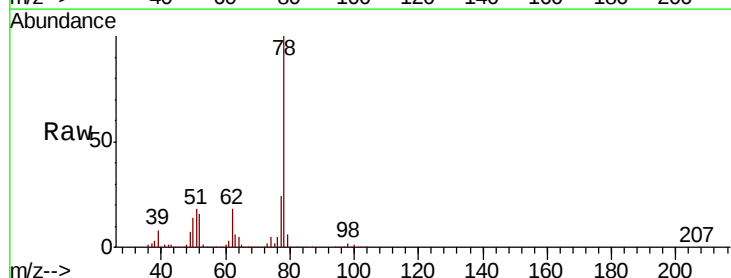
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

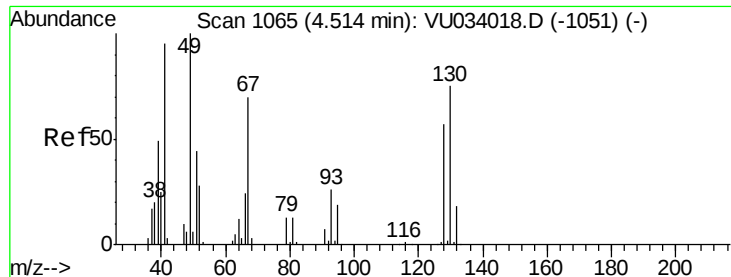
Tgt Ion: 83 Resp: 1187904
Ion Ratio Lower Upper
83 100
55 77.5 62.3 93.5
98 45.3 36.2 54.2



#40
Benzene
Concen: 145.728 ug/l
RT: 5.36 min Scan# 1329
Delta R.T. 0.00 min
Lab File: VU034020.D
Acq: 28 Aug 2019 13:37

Tgt Ion: 78 Resp: 2857406
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6

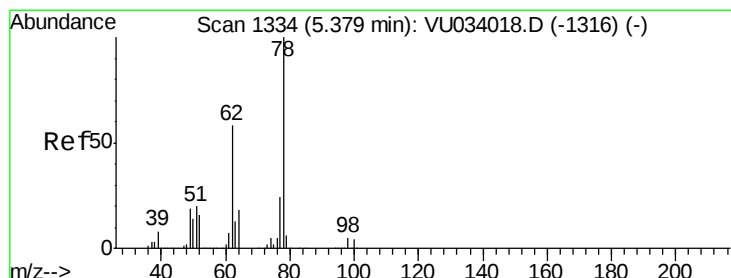
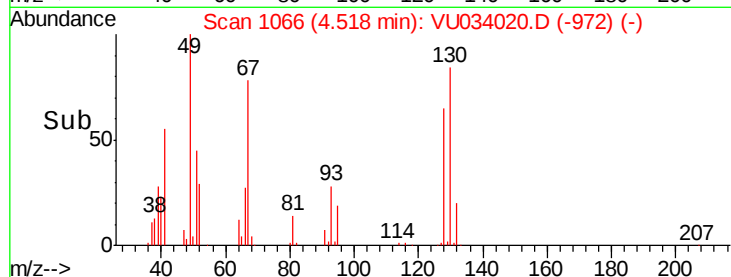
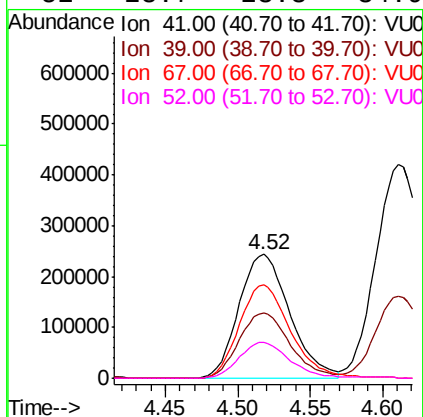
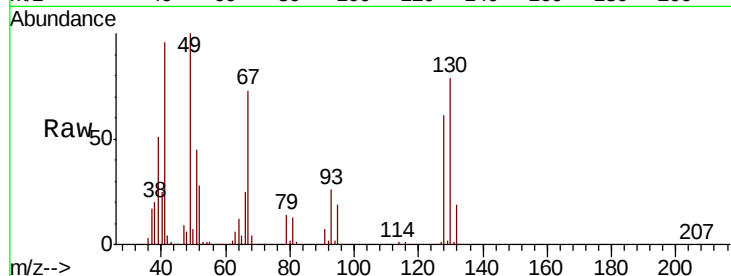




#41
Methacrylonitrile
Concen: 169.221 ug/l
RT: 4.52 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VU034020.D
Acq: 28 Aug 2019 13:37

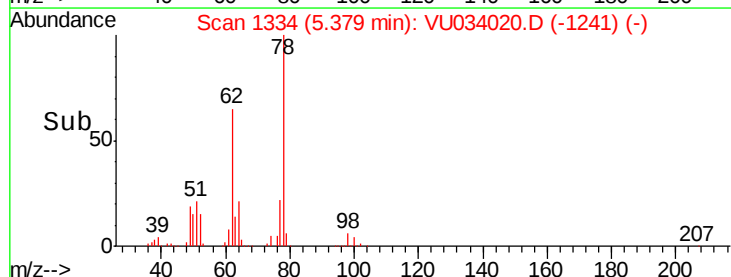
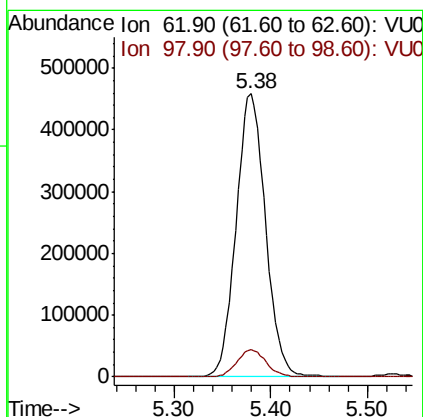
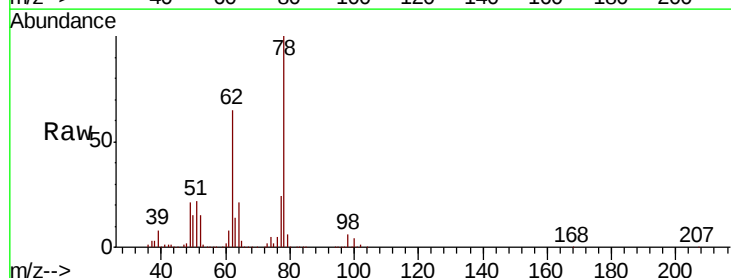
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

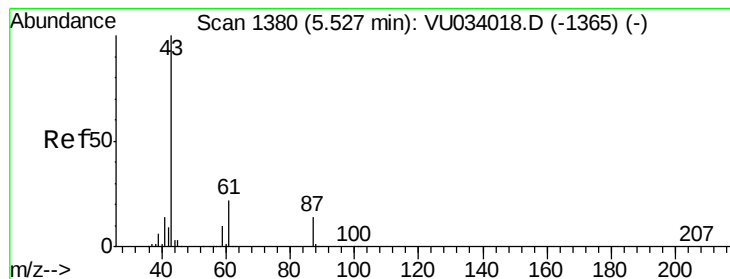
Tgt Ion:	41	Resp:	591918
Ion	Ratio	Lower	Upper
41	100		
39	52.9	42.1	63.1
67	76.2	61.0	91.4
52	28.7	23.3	34.9



#42
1,2-Dichloroethane
Concen: 145.213 ug/l
RT: 5.38 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VU034020.D
Acq: 28 Aug 2019 13:37

Tgt Ion:	62	Resp:	966352
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.2





#43

Isopropyl Acetate

Concen: 170.379 ug/l

RT: 5.53 min Scan# 1380

Delta R.T. 0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

Instrument :

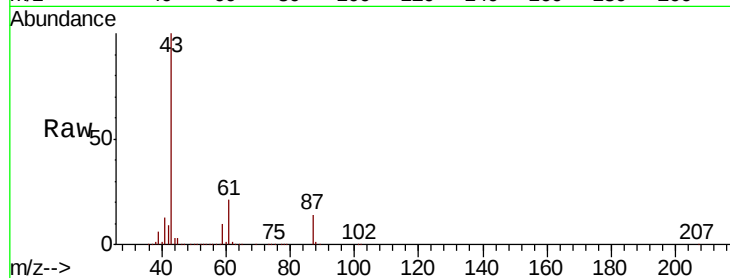
MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 1759535

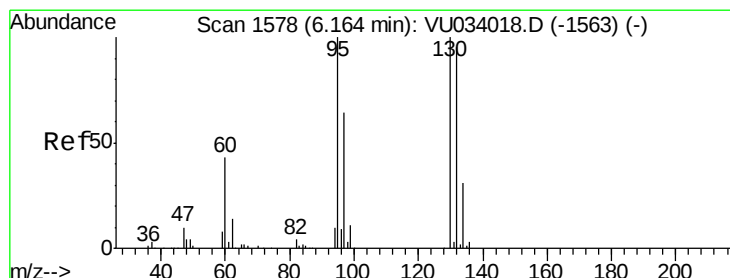
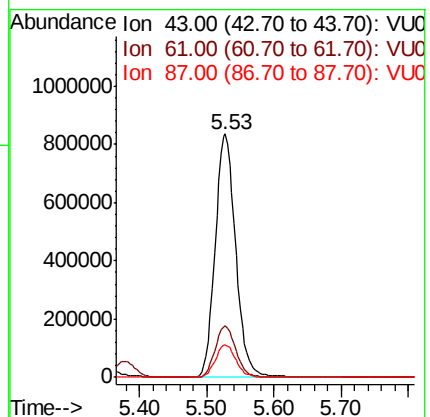
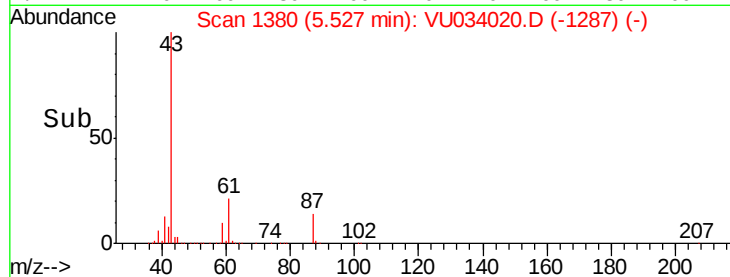
Ion	Ratio	Lower	Upper
43	100		
61	21.4	17.2	25.8
87	13.6	10.8	16.2



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-1365) (-)

Ion 61.00 (60.70 to 61.70): VU034018.D (-1365) (-)

Ion 87.00 (86.70 to 87.70): VU034018.D (-1365) (-)



#44

Trichloroethene

Concen: 138.432 ug/l

RT: 6.16 min Scan# 1577

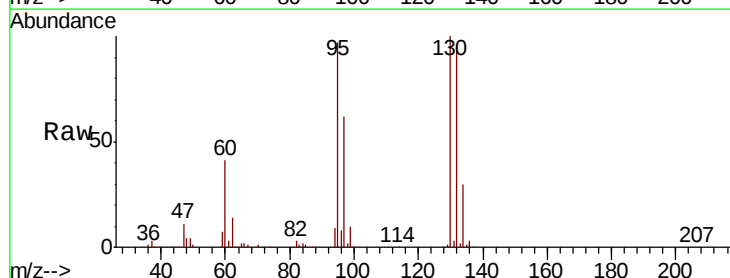
Delta R.T. -0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

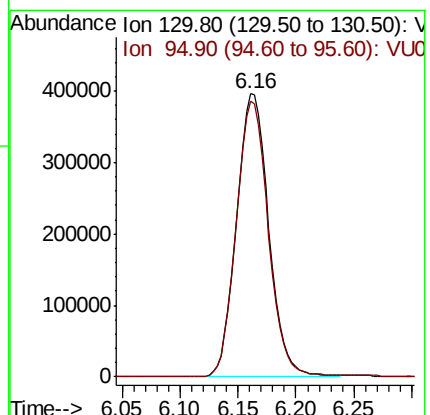
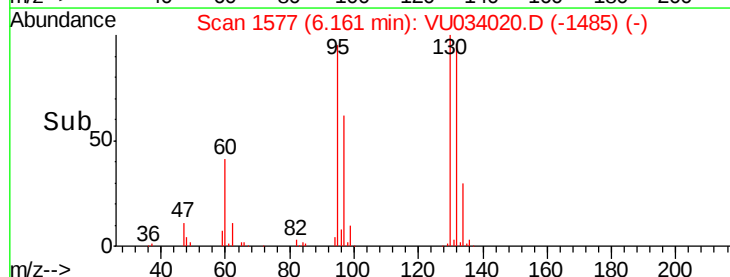
Tgt Ion: 130 Resp: 761613

Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	199.6



Abundance Ion 129.80 (129.50 to 130.50): VU034018.D (-1563) (-)

Ion 94.90 (94.60 to 95.60): VU034018.D (-1563) (-)





#45

1,2-Dichloropropane

Concen: 151.128 ug/l

RT: 6.41 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

Instrument :

MSVOA_U

ClientSampleId :

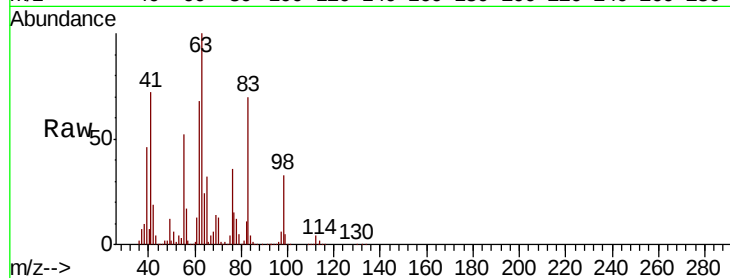
VSTDIC150

Tgt Ion: 63 Resp: 798951

Ion Ratio Lower Upper

63 100

65 32.0 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VU034018.D (-1637) (-)

Ion 64.90 (64.60 to 65.60): VU034018.D (-1637) (-)

6.41

400000

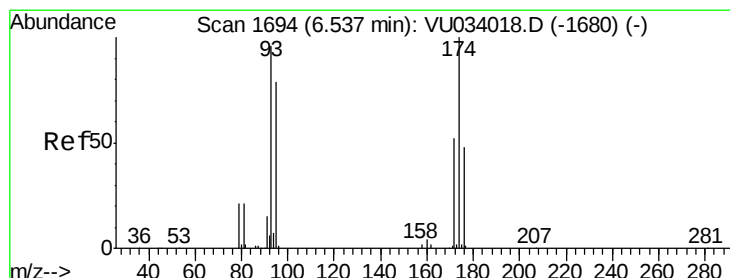
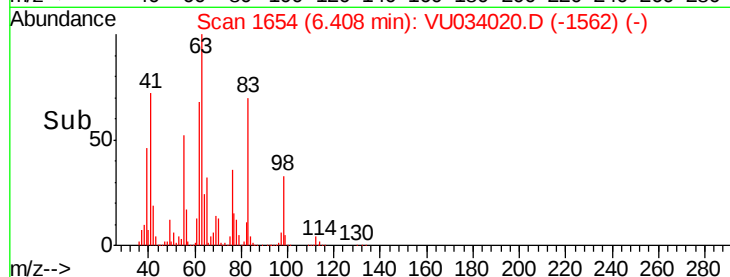
300000

200000

100000

0

Time-->



#46

Dibromomethane

Concen: 145.324 ug/l

RT: 6.54 min Scan# 1694

Delta R.T. 0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

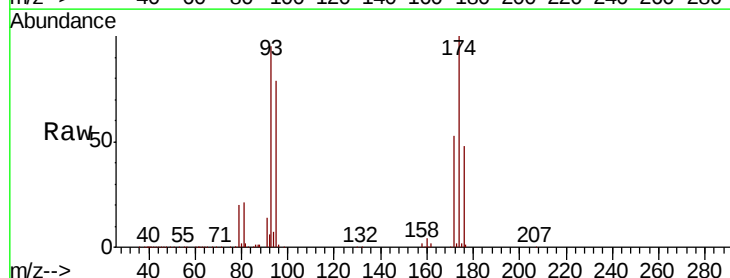
Tgt Ion: 93 Resp: 516224

Ion Ratio Lower Upper

93 100

95 83.0 66.7 100.1

174 106.4 84.9 127.3



Abundance Ion 92.80 (92.50 to 93.50): VU034018.D (-1680) (-)

Ion 94.80 (94.50 to 95.50): VU034018.D (-1680) (-)

Ion 173.70 (173.40 to 174.40): VU034018.D (-1680) (-)

6.54

400000

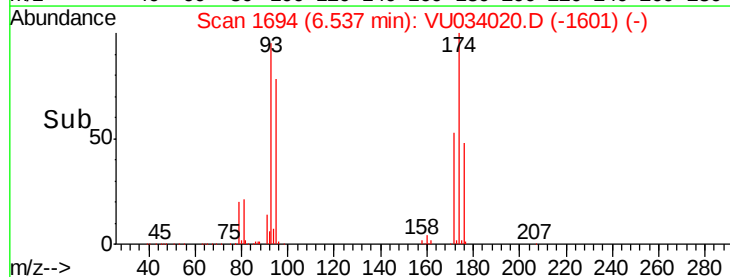
300000

200000

100000

0

Time-->





#47

Bromodichloromethane

Concen: 149.255 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

Instrument :

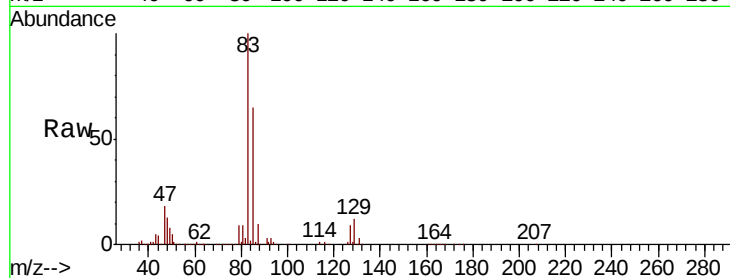
MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 1013277

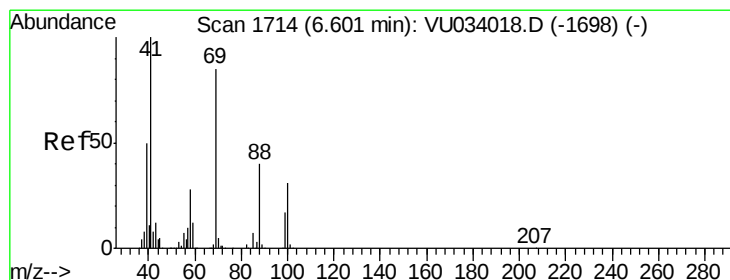
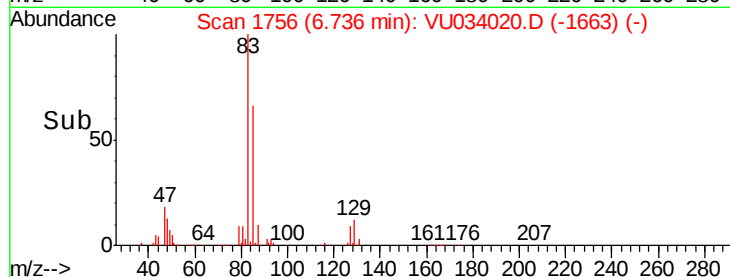
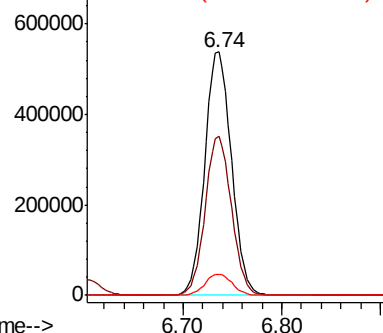
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.2	76.8
127	8.8	7.0	10.6



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 176.629 ug/l

RT: 6.60 min Scan# 1714

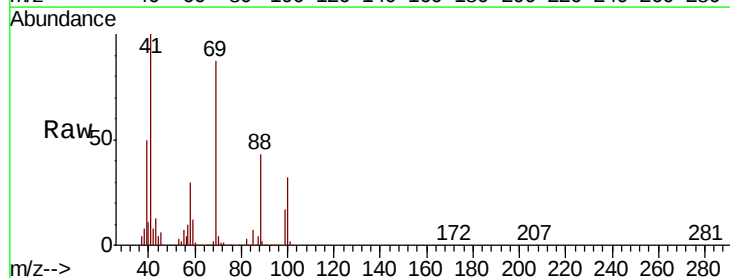
Delta R.T. 0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

Tgt Ion: 41 Resp: 875943

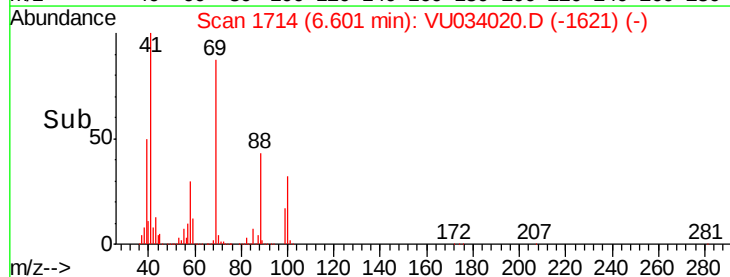
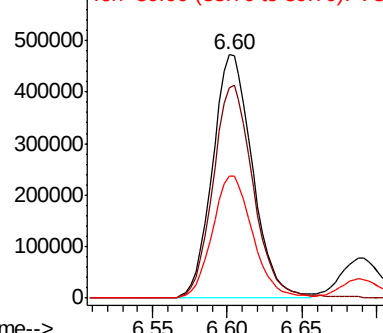
Ion	Ratio	Lower	Upper
41	100		
69	88.5	69.5	104.3
39	50.6	40.3	60.5

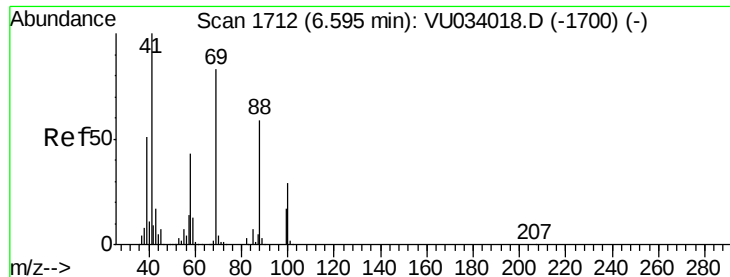


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

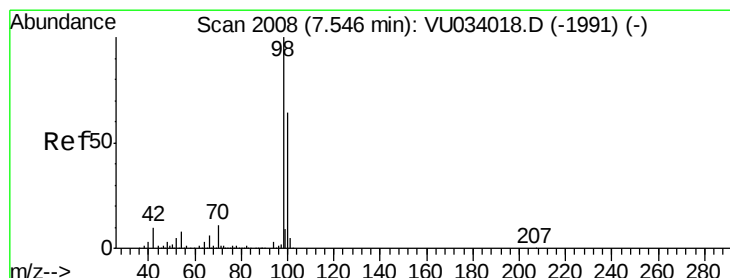
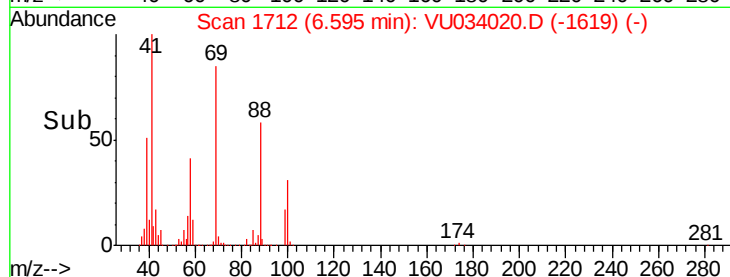
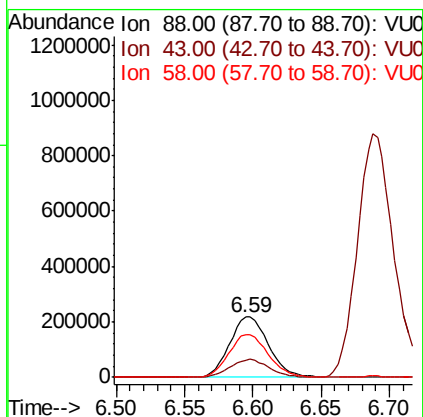
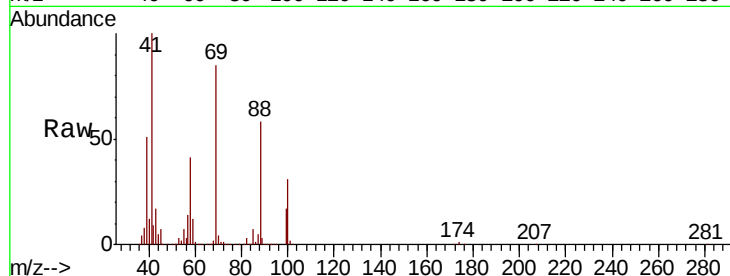




#49
1,4-Dioxane
Concen: 3272.057 ug/l
RT: 6.59 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VU034020.D
Acq: 28 Aug 2019 13:37

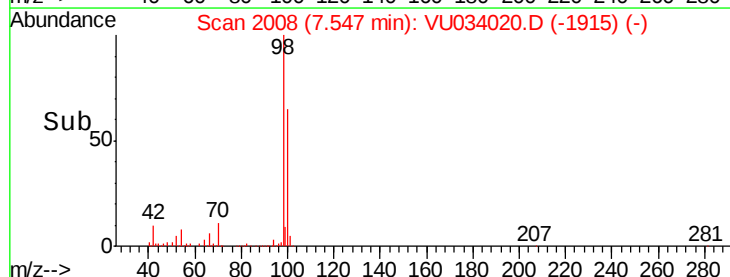
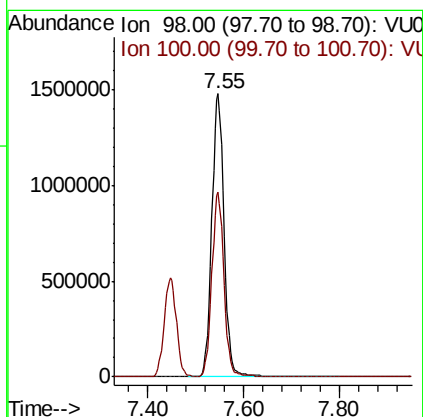
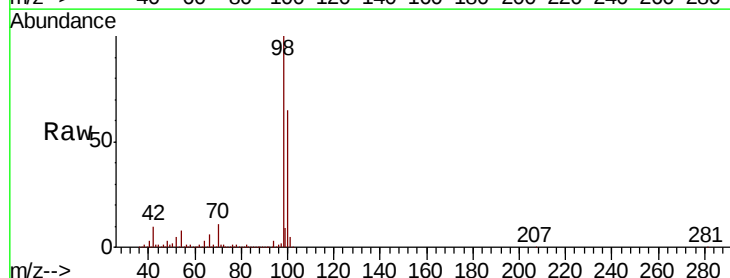
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

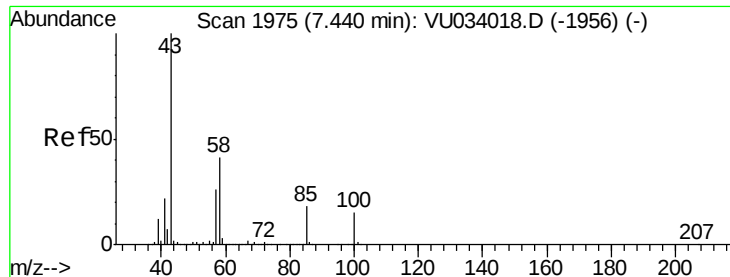
Tgt Ion: 88 Resp: 428990
Ion Ratio Lower Upper
88 100
43 29.2 24.8 37.2
58 72.5 59.3 88.9



#50
Toluene-d8
Concen: 146.147 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034020.D
Acq: 28 Aug 2019 13:37

Tgt Ion: 98 Resp: 2606084
Ion Ratio Lower Upper
98 100
100 64.7 50.3 75.5

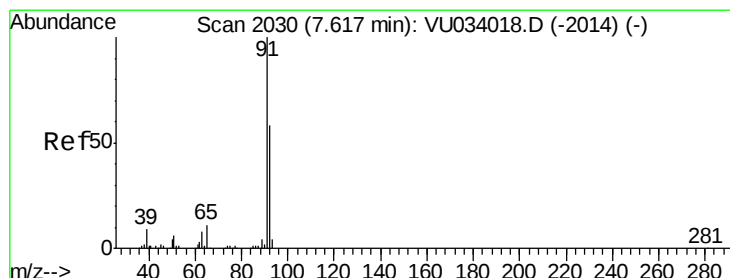
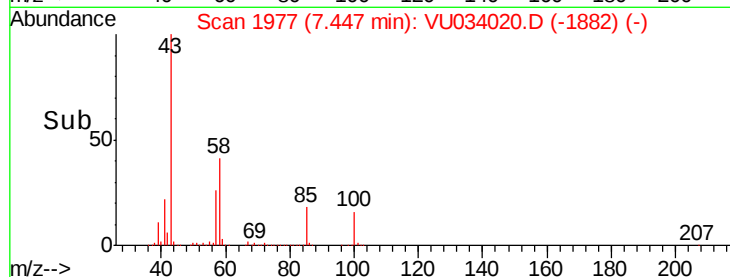
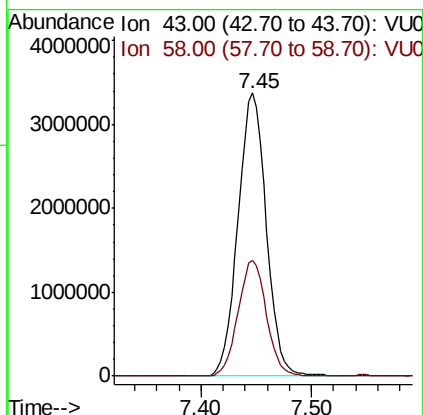
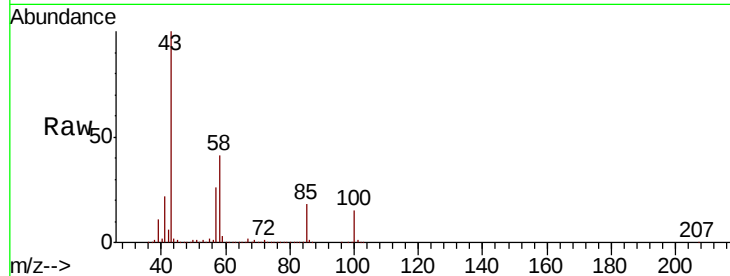




#51
 4-Methyl-2-Pentanone
 Concen: 837.436 ug/l
 RT: 7.45 min Scan# 1977
 Delta R.T. 0.01 min
 Lab File: VU034020.D
 Acq: 28 Aug 2019 13:37

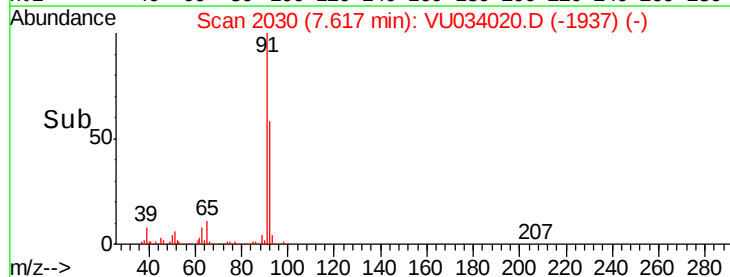
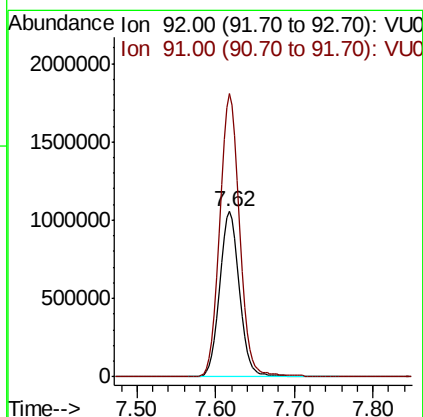
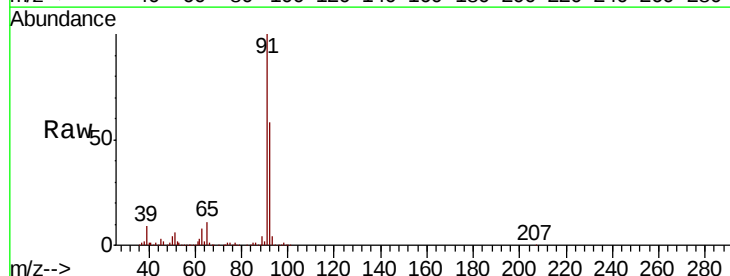
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

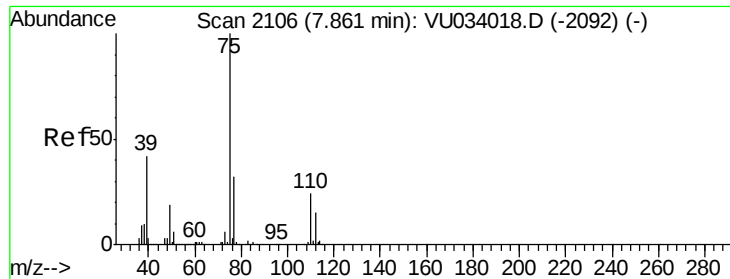
Tgt Ion: 43 Resp: 5987602
 Ion Ratio Lower Upper
 43 100
 58 41.0 32.2 48.4



#52
 Toluene
 Concen: 148.249 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: VU034020.D
 Acq: 28 Aug 2019 13:37

Tgt Ion: 92 Resp: 1830334
 Ion Ratio Lower Upper
 92 100
 91 172.1 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 163.347 ug/l

RT: 7.86 min Scan# 2106

Delta R.T. 0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

Instrument :

MSVOA_U

ClientSampleId :

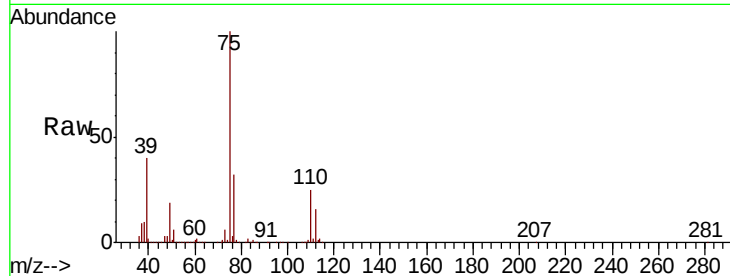
VSTDIC150

Tgt Ion: 75 Resp: 123539

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VU034020.D (-2013) (-)

Ion 76.90 (76.60 to 77.60): VU034020.D (-2013) (-)

7.86

800000

600000

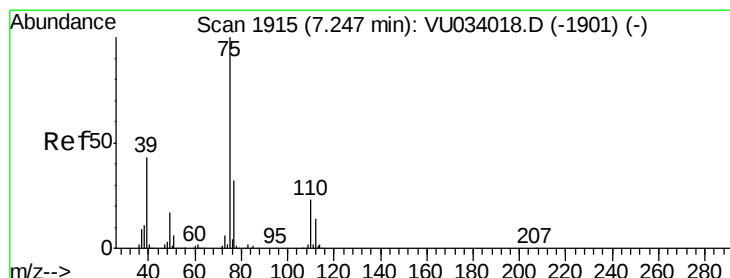
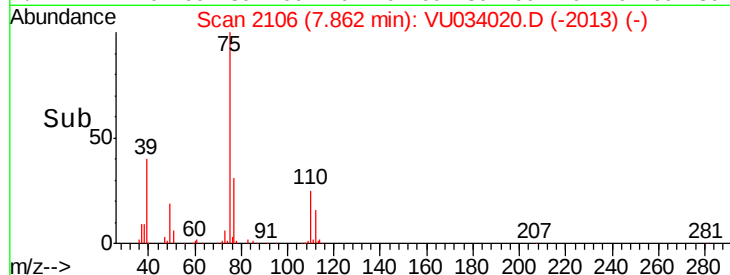
400000

200000

0

7.80 7.90 8.00

Time-->



#54

cis-1,3-Dichloropropene

Concen: 160.079 ug/l

RT: 7.25 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

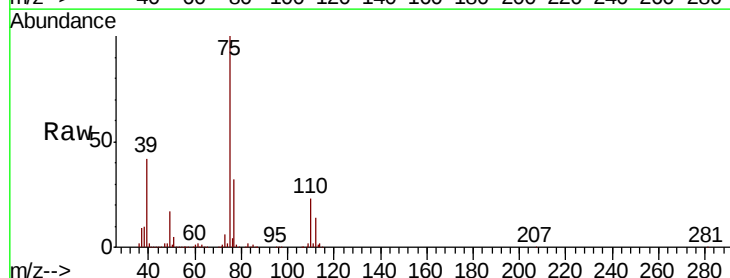
Tgt Ion: 75 Resp: 1303286

Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8

39 41.8 34.6 51.8



Abundance Ion 74.90 (74.60 to 75.60): VU034020.D (-1822) (-)

Ion 76.90 (76.60 to 77.60): VU034020.D (-1822) (-)

Ion 39.00 (38.70 to 39.70): VU034020.D (-1822) (-)

7.25

1000000

800000

600000

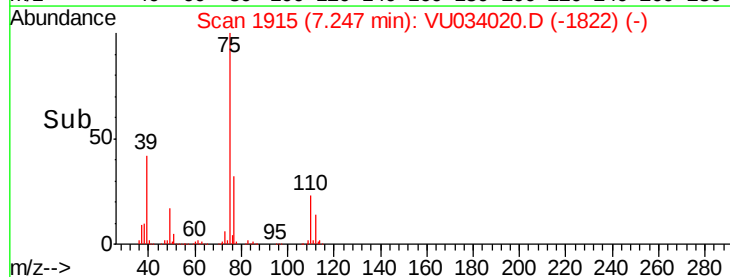
400000

200000

0

7.20 7.30 7.40

Time-->





#55

1,1,2-Trichloroethane

Concen: 147.500 ug/l

RT: 8.05 min Scan# 2164

Delta R.T. 0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 773219

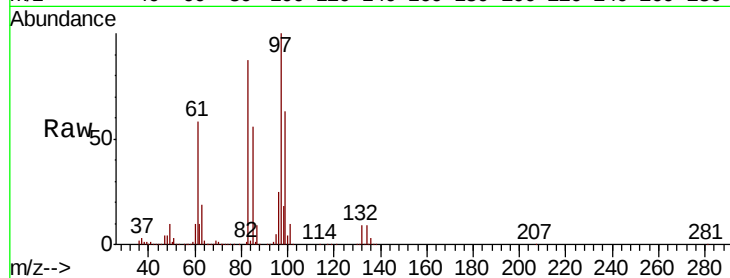
Ion Ratio Lower Upper

97 100

83 87.1 70.1 105.1

85 56.3 45.0 67.4

99 62.9 49.8 74.8

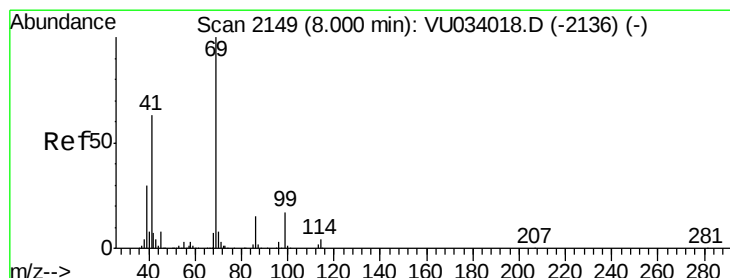
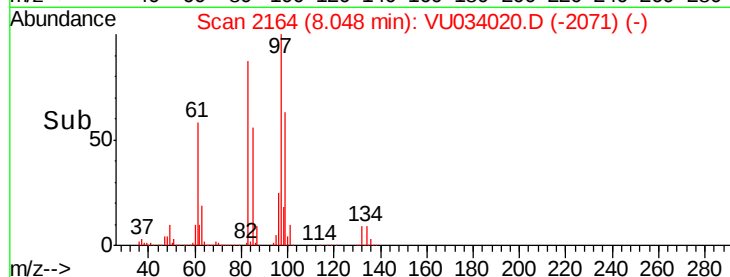
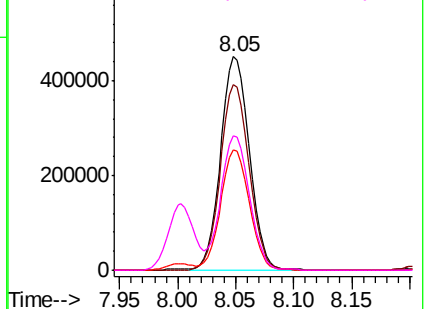


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 98.90 (98.60 to 99.60): VU0



#56

Ethyl methacrylate

Concen: 176.275 ug/l

RT: 8.00 min Scan# 2150

Delta R.T. 0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

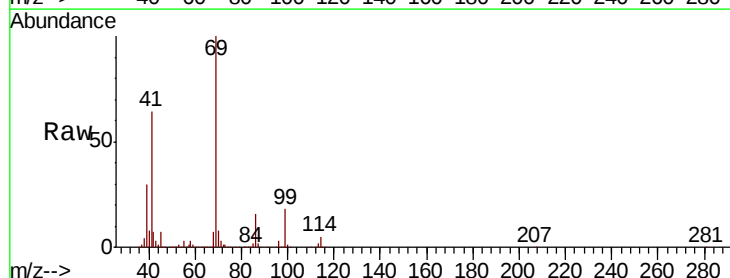
Tgt Ion: 69 Resp: 1316685

Ion Ratio Lower Upper

69 100

41 63.1 50.7 76.1

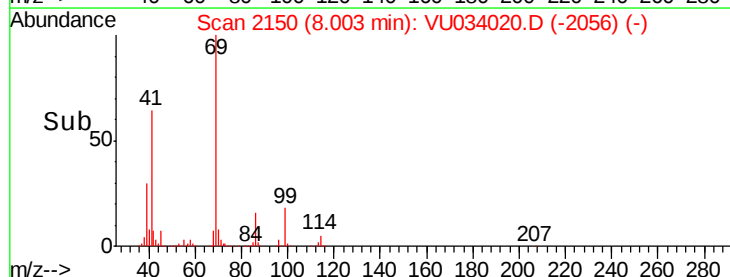
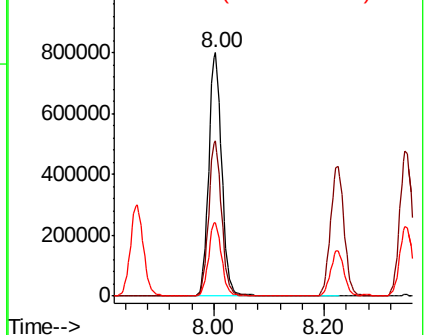
39 29.9 24.2 36.2

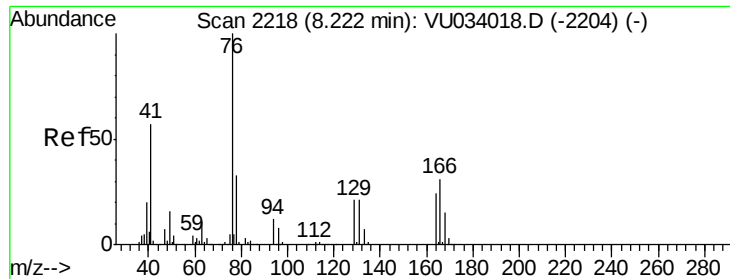


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0





#57

1,3-Dichloropropane

Concen: 154.396 ug/l

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

Instrument :

MSVOA_U

ClientSampleId :

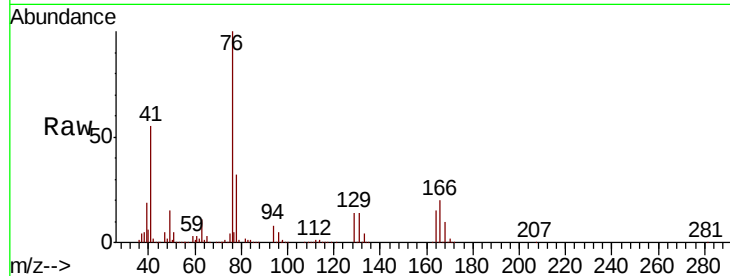
VSTDIC150

Tgt Ion: 76 Resp: 1316424

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VU034018.D (-2204) (-)

Ion 77.90 (77.60 to 78.60): VU034020.D (-2125) (-)

8.22

800000

600000

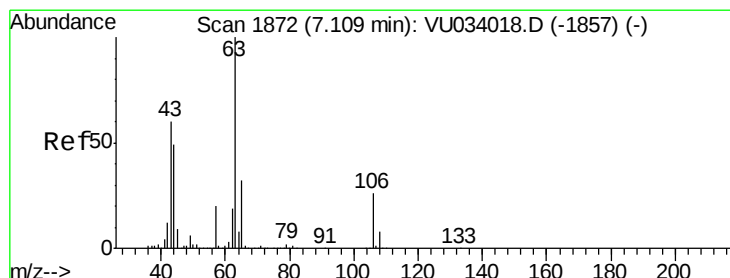
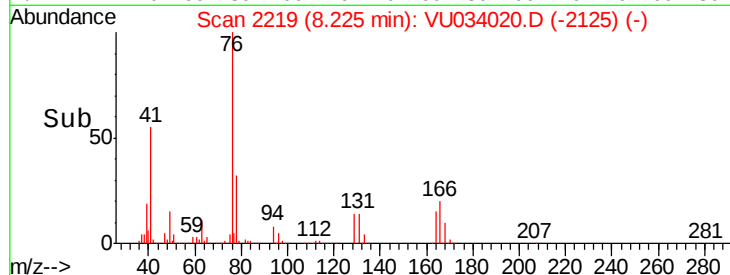
400000

200000

0

8.10 8.20 8.30

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 936.775 ug/l

RT: 7.11 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VU034020.D

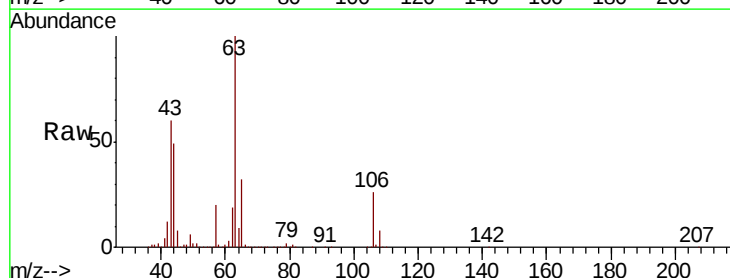
Acq: 28 Aug 2019 13:37

Tgt Ion: 63 Resp: 2573885

Ion Ratio Lower Upper

63 100

106 26.5 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VU034018.D (-1857) (-)

Ion 105.90 (105.60 to 106.60): VU034020.D (-1779) (-)

7.11

1500000

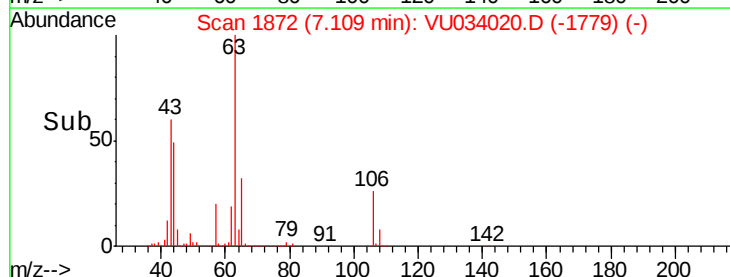
1000000

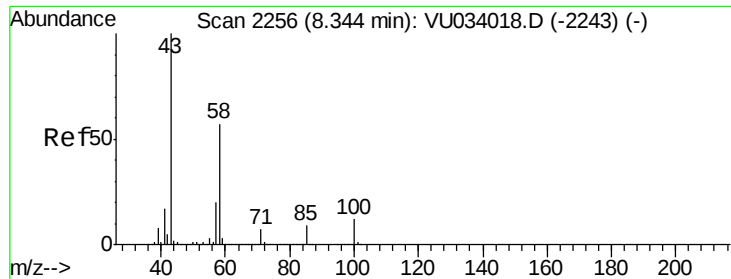
500000

0

7.00 7.10 7.20

Time-->

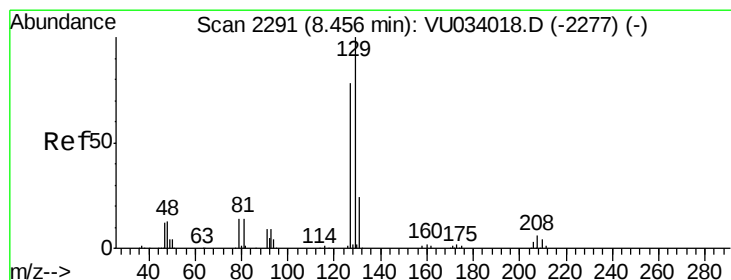
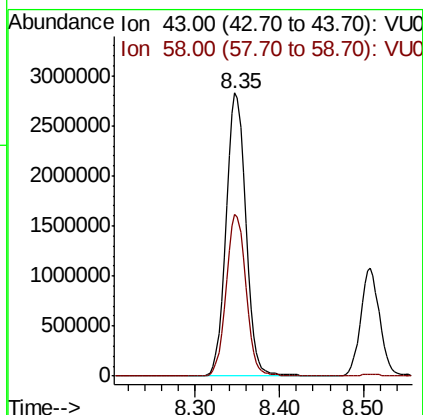
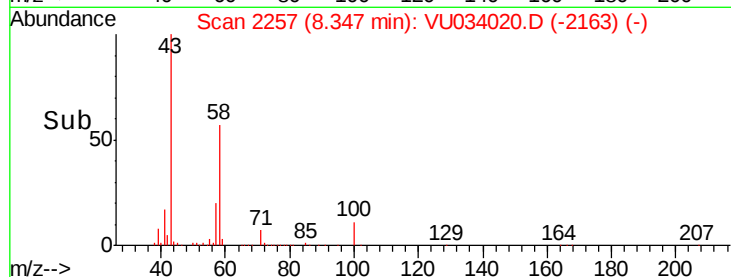
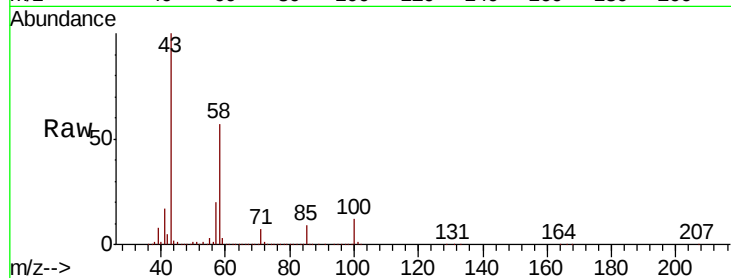




#59
2-Hexanone
Concen: 840.338 ug/l
RT: 8.35 min Scan# 2257
Delta R.T. 0.00 min
Lab File: VU034020.D
Acq: 28 Aug 2019 13:37

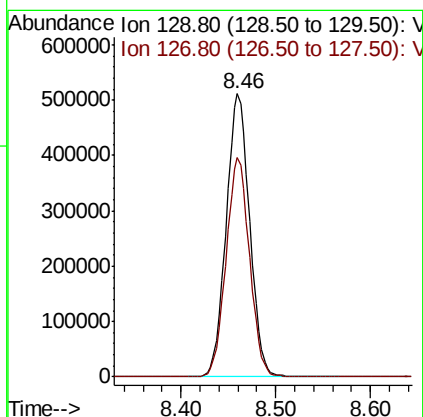
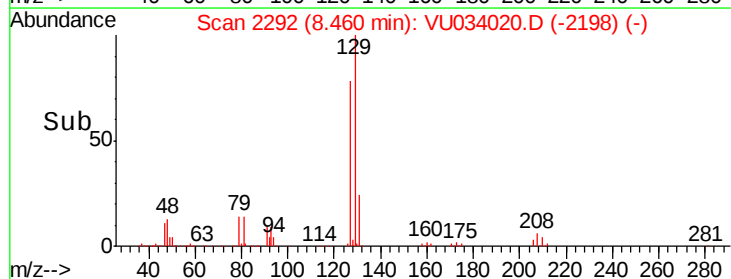
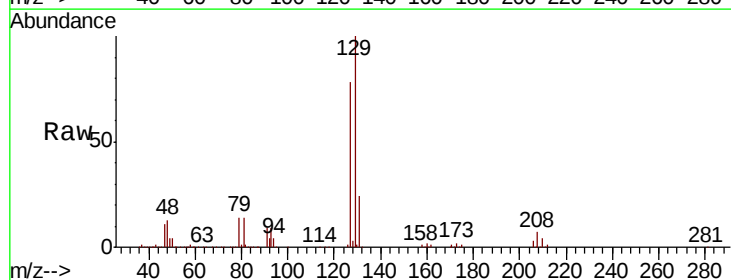
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

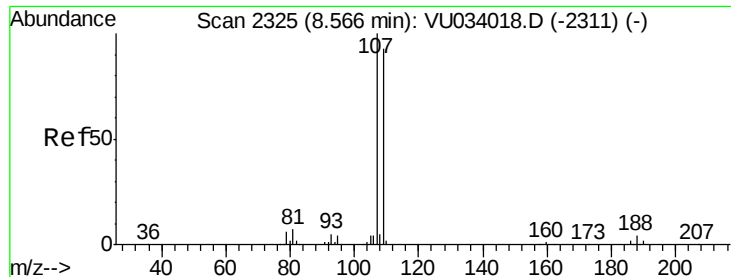
Tgt Ion: 43 Resp: 4614112
Ion Ratio Lower Upper
43 100
58 57.4 28.4 85.3



#60
Dibromochloromethane
Concen: 151.186 ug/l
RT: 8.46 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU034020.D
Acq: 28 Aug 2019 13:37

Tgt Ion: 129 Resp: 881057
Ion Ratio Lower Upper
129 100
127 77.3 39.0 116.9

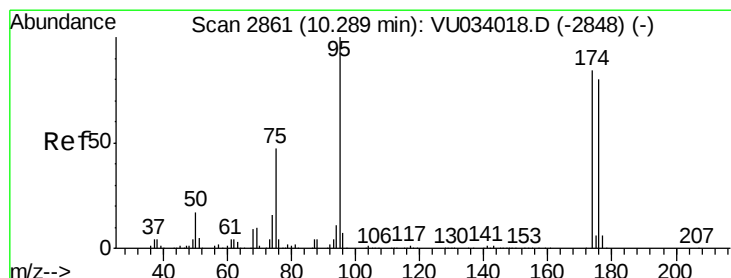
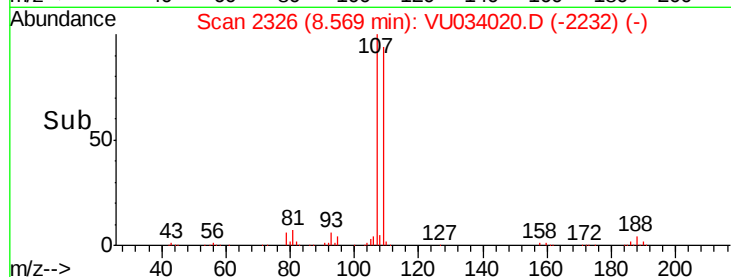
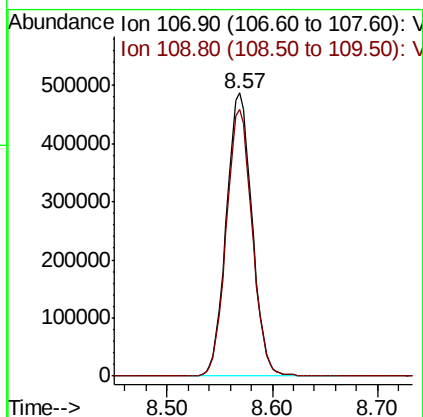
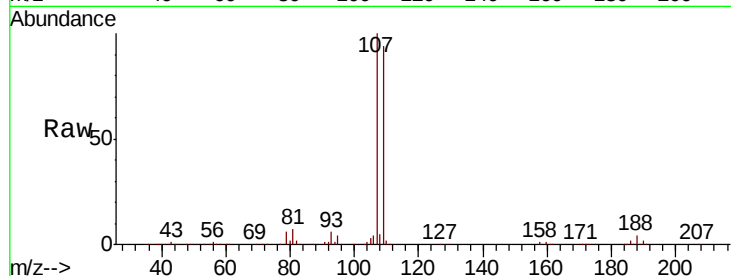




#61
 1,2-Dibromoethane
 Concen: 149.763 ug/l
 RT: 8.57 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU034020.D
 Acq: 28 Aug 2019 13:37

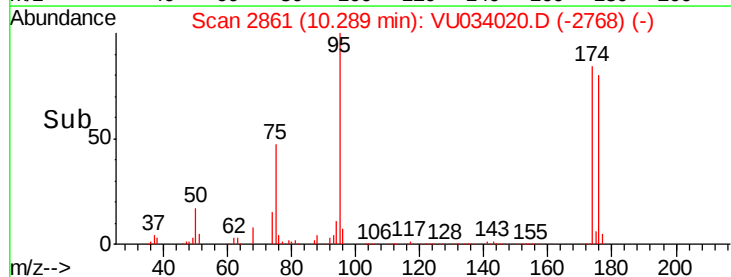
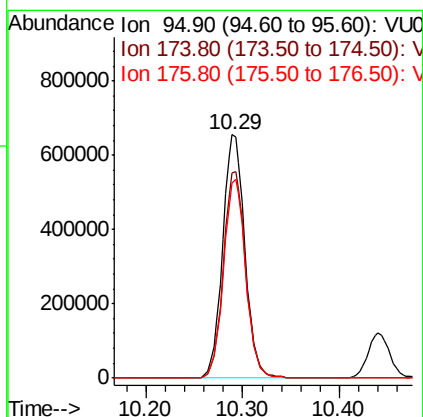
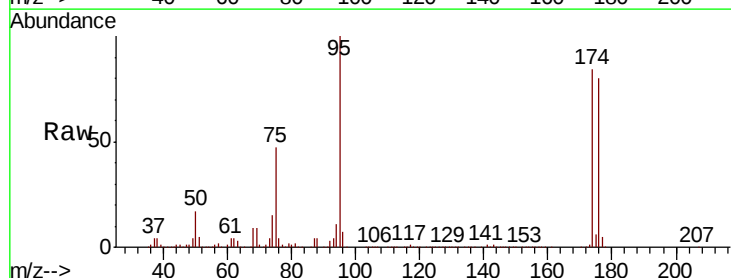
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

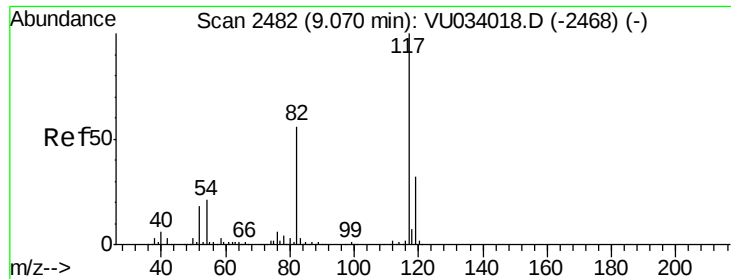
Tgt Ion: 107 Resp: 823795
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 150.839 ug/l
 RT: 10.29 min Scan# 2861
 Delta R.T. 0.00 min
 Lab File: VU034020.D
 Acq: 28 Aug 2019 13:37

Tgt Ion: 95 Resp: 1040344
 Ion Ratio Lower Upper
 95 100
 174 85.0 0.0 168.8
 176 81.8 0.0 161.8

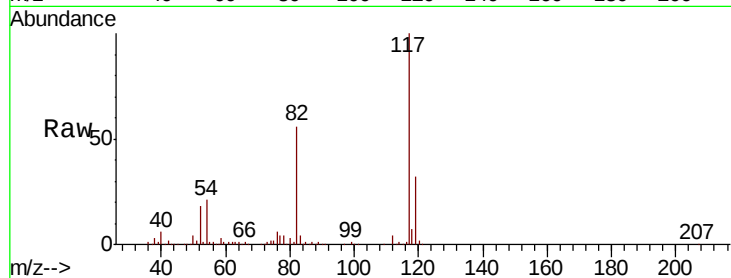




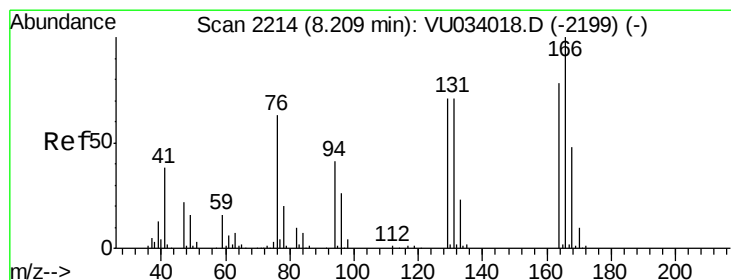
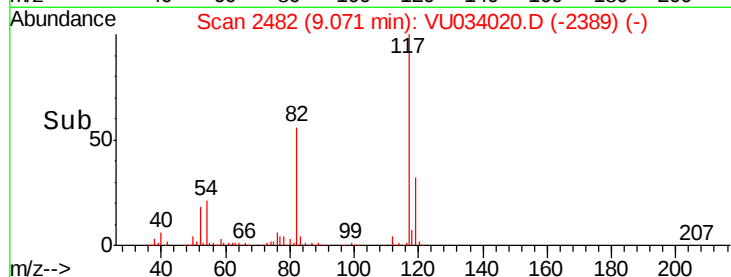
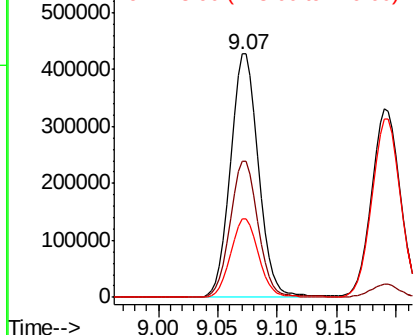
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034020.D
Acq: 28 Aug 2019 13:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 701118
Ion Ratio Lower Upper
117 100
82 56.2 45.1 67.7
119 32.0 25.4 38.0

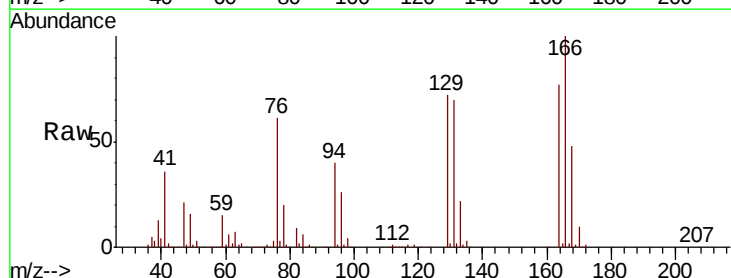


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

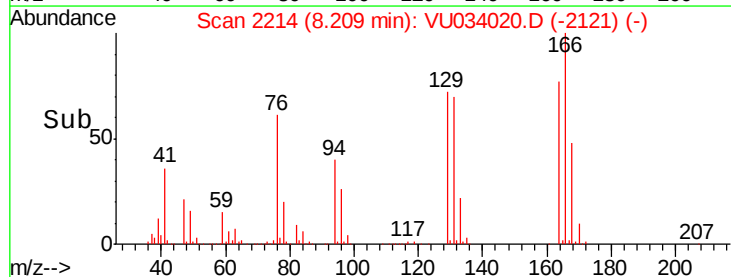
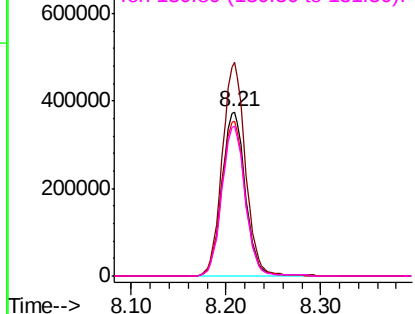


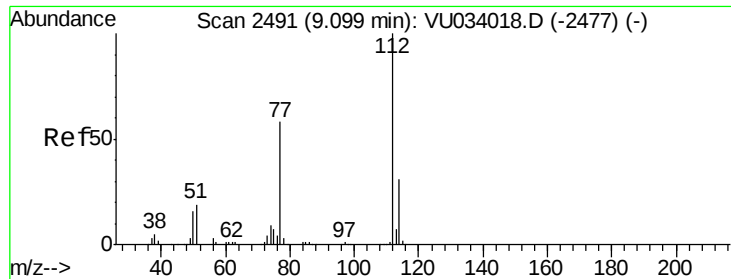
#64
Tetrachloroethene
Concen: 116.376 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU034020.D
Acq: 28 Aug 2019 13:37

Tgt Ion:164 Resp: 644966
Ion Ratio Lower Upper
164 100
166 129.9 102.2 153.2
129 94.1 72.4 108.6
131 90.9 72.1 108.1



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

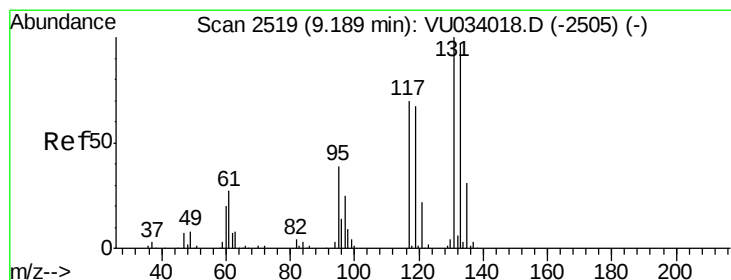
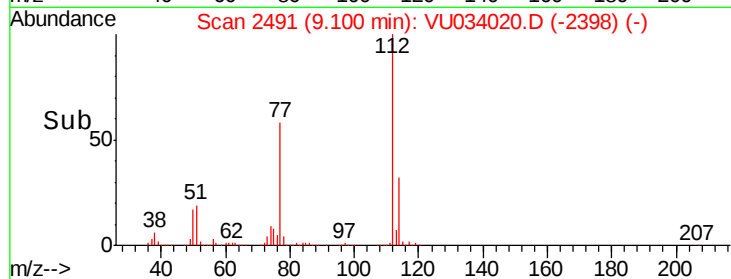
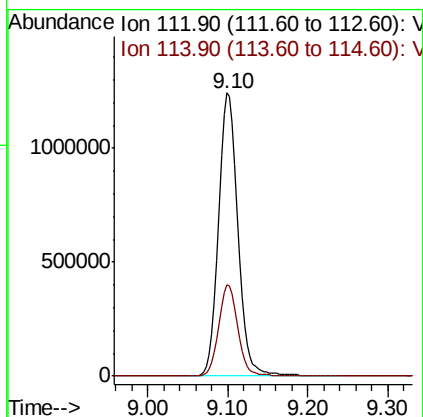
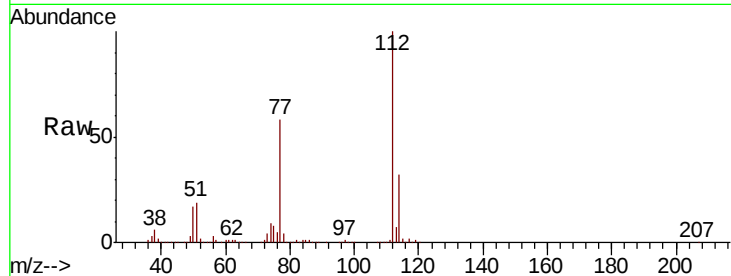




#65
Chlorobenzene
Concen: 143.108 ug/l
RT: 9.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: VU034020.D
Acq: 28 Aug 2019 13:37

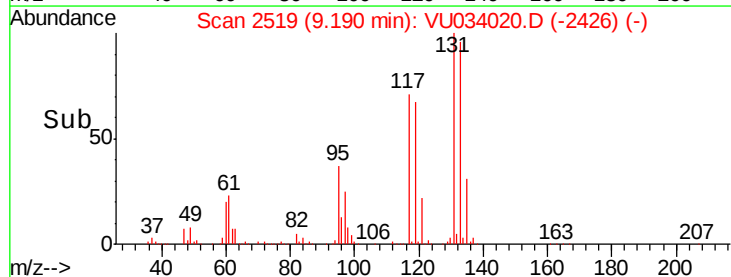
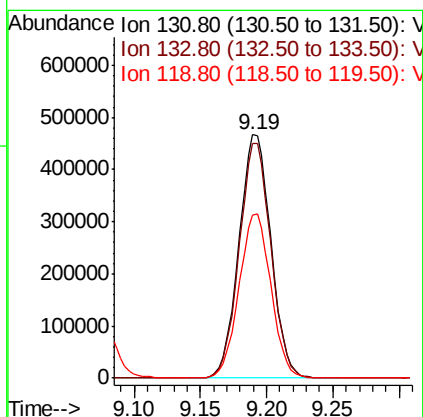
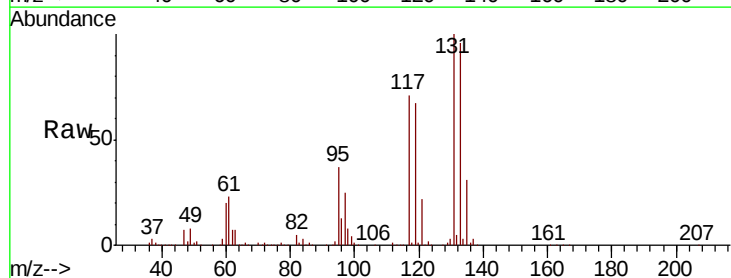
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

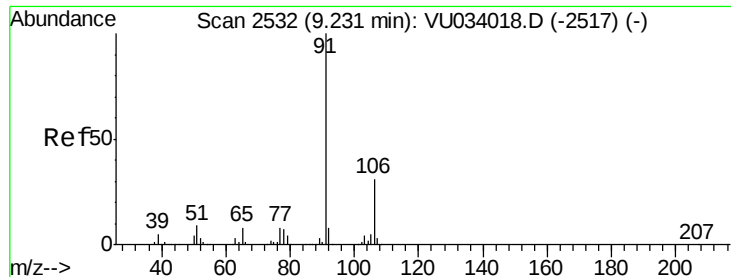
Tgt Ion:112 Resp: 2096519
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 144.297 ug/l
RT: 9.19 min Scan# 2519
Delta R.T. 0.00 min
Lab File: VU034020.D
Acq: 28 Aug 2019 13:37

Tgt Ion:131 Resp: 781157
Ion Ratio Lower Upper
131 100
133 95.8 48.4 145.2
119 67.3 33.6 100.6

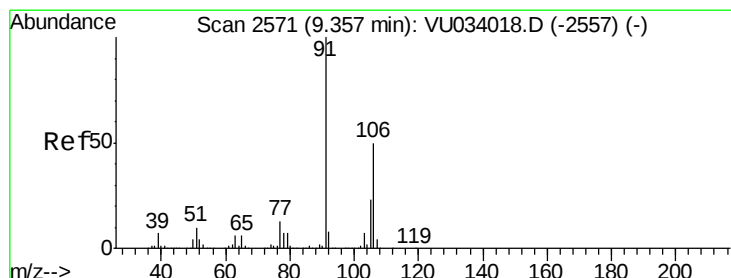
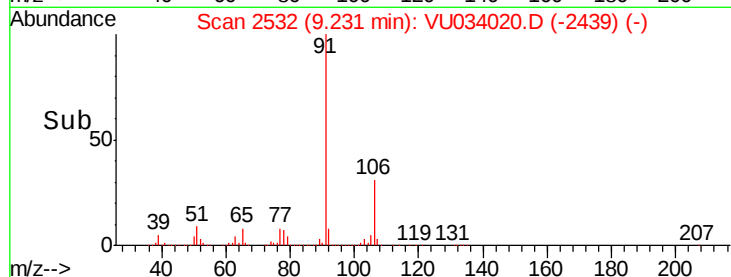
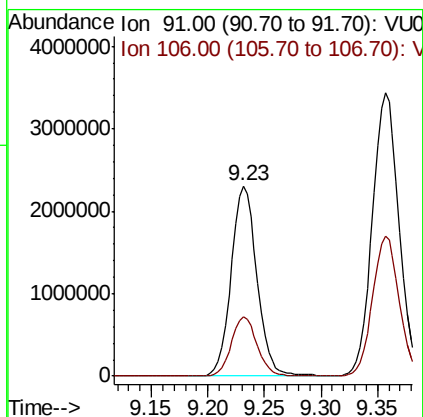
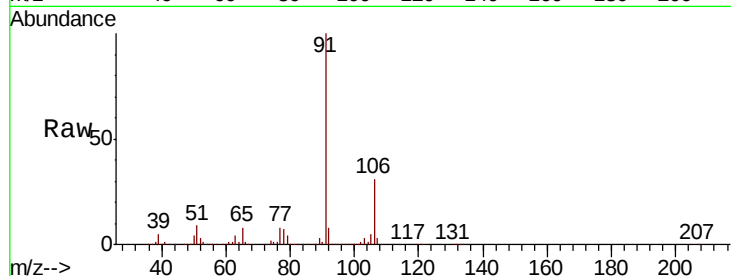




#67
Ethyl Benzene
Concen: 149.695 ug/l
RT: 9.23 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU034020.D
Acq: 28 Aug 2019 13:37

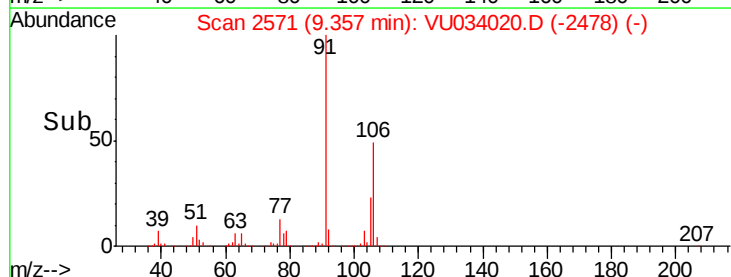
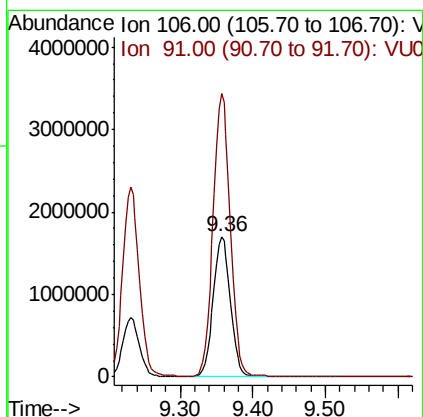
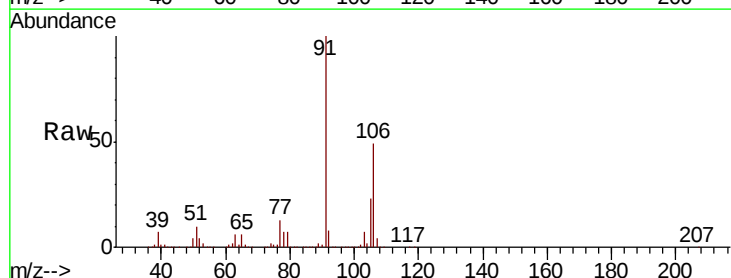
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

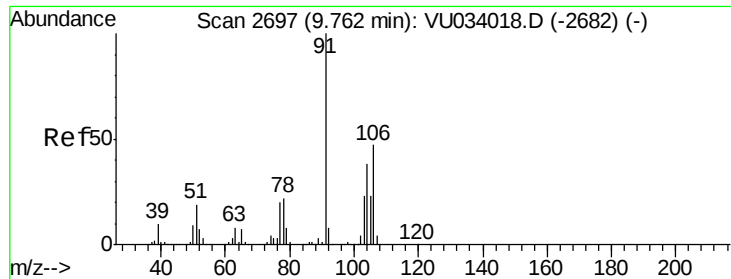
Tgt Ion: 91 Resp: 3675757
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3



#68
m/p-Xylenes
Concen: 296.025 ug/l
RT: 9.36 min Scan# 2571
Delta R.T. 0.00 min
Lab File: VU034020.D
Acq: 28 Aug 2019 13:37

Tgt Ion: 106 Resp: 2794964
Ion Ratio Lower Upper
106 100
91 201.3 161.6 242.4

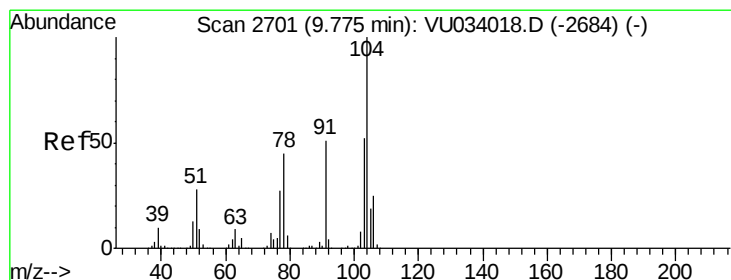
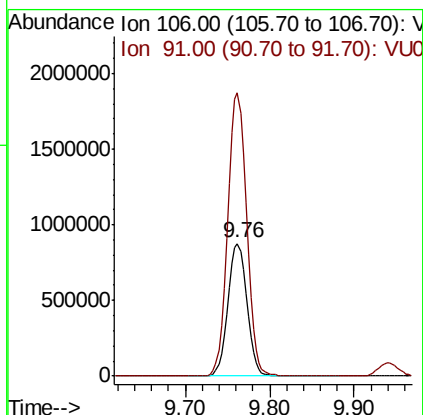
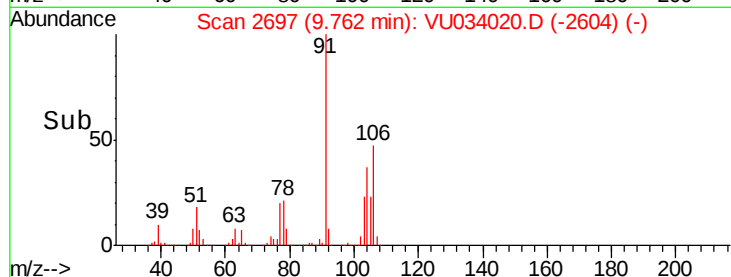
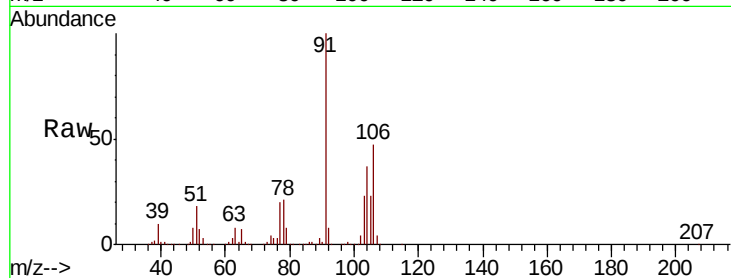




#69
o-Xylene
Concen: 151.637 ug/l
RT: 9.76 min Scan# 2697
Delta R.T. 0.00 min
Lab File: VU034020.D
Acq: 28 Aug 2019 13:37

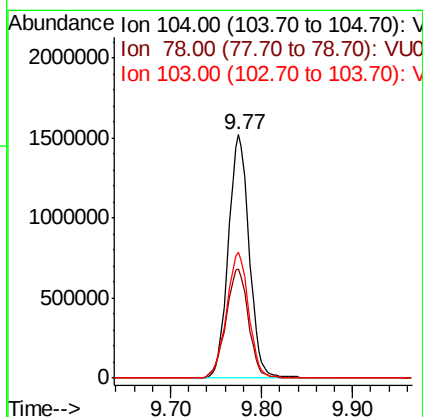
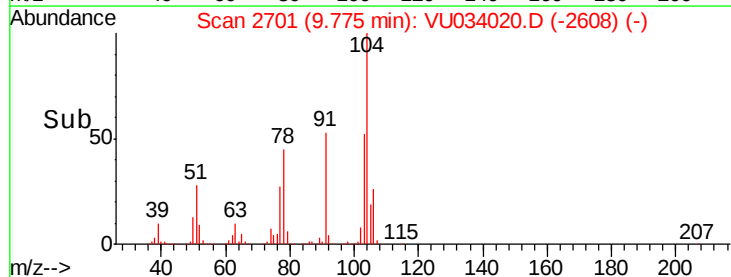
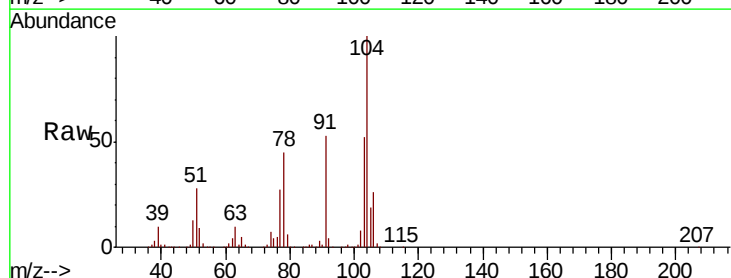
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

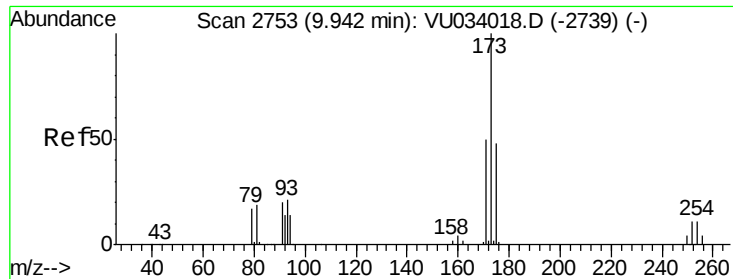
Tgt Ion:106 Resp: 1372171
Ion Ratio Lower Upper
106 100
91 212.8 106.0 318.0



#70
Styrene
Concen: 156.453 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU034020.D
Acq: 28 Aug 2019 13:37

Tgt Ion:104 Resp: 2424045
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.4
103 55.2 44.0 66.0





#71

Bromoform

Concen: 148.520 ug/l

RT: 9.94 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

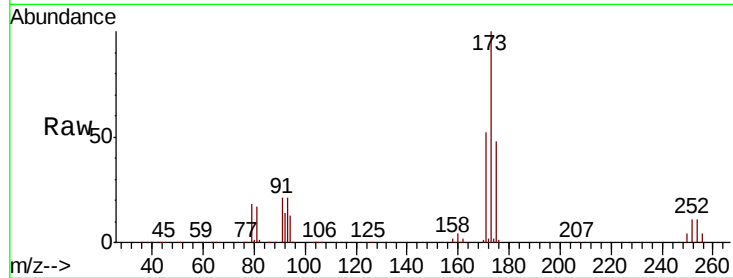
Tgt Ion:173 Resp: 711702

Ion Ratio Lower Upper

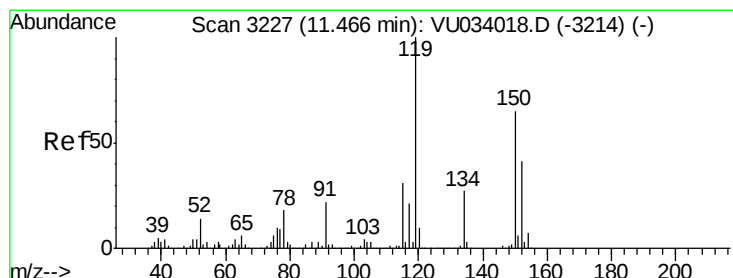
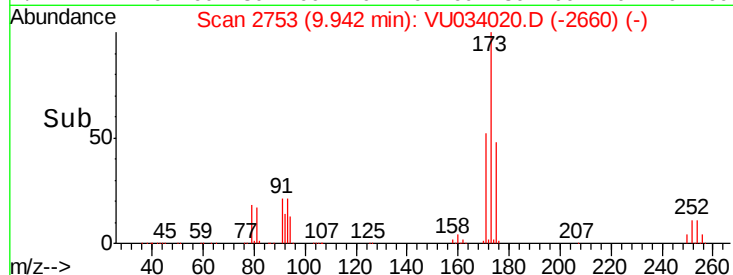
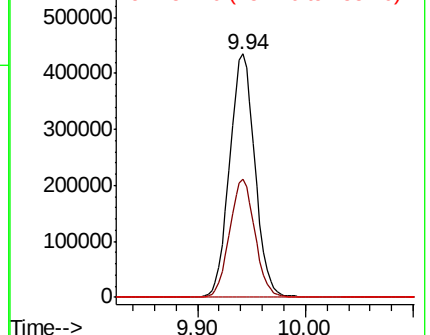
173 100

175 48.6 24.6 73.6

254 0.2 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

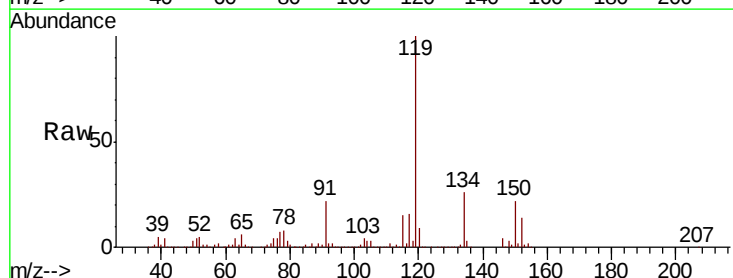
Tgt Ion:152 Resp: 371501

Ion Ratio Lower Upper

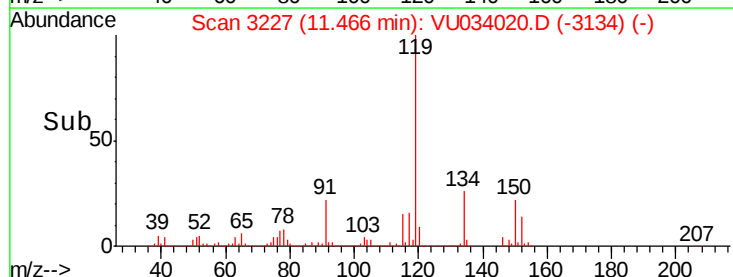
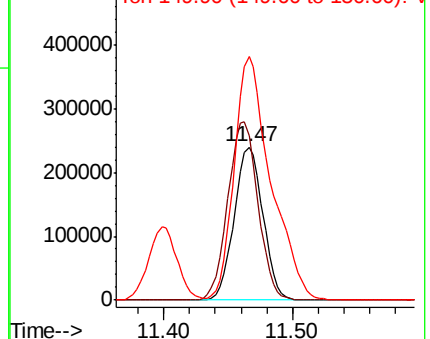
152 100

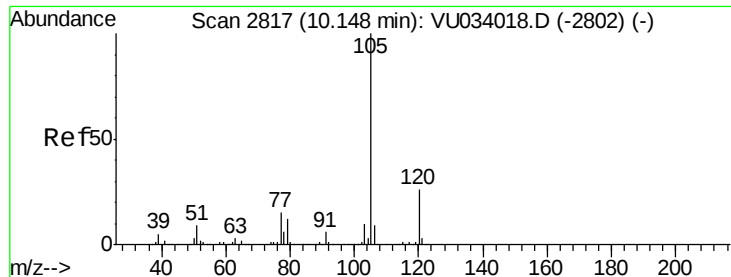
115 121.6 41.1 123.3

150 202.6 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: 150.991 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

Instrument :

MSVOA_U

ClientSampleId :

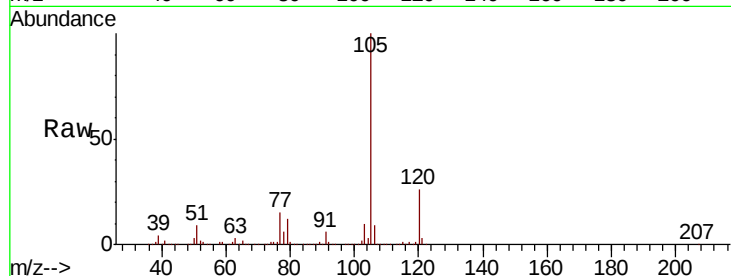
VSTDIC150

Tgt Ion:105 Resp: 3702740

Ion Ratio Lower Upper

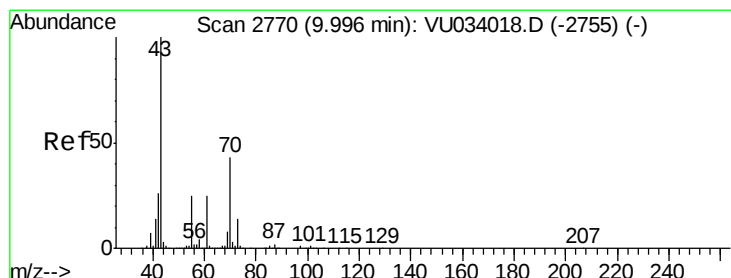
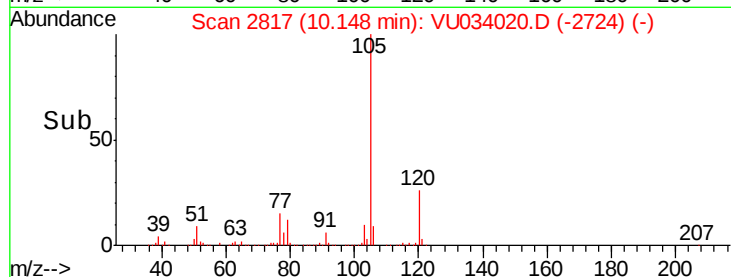
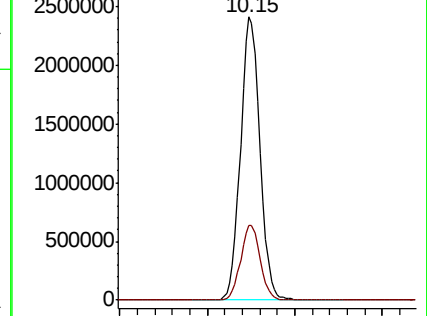
105 100

120 26.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 180.834 ug/l

RT: 10.00 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

Tgt Ion: 43 Resp: 1704498

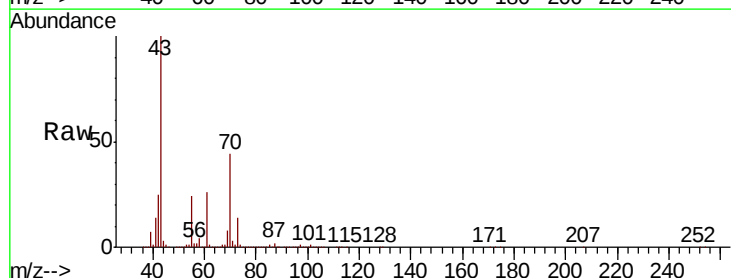
Ion Ratio Lower Upper

43 100

70 44.5 35.2 52.8

55 24.7 20.5 30.7

61 25.7 20.0 30.0

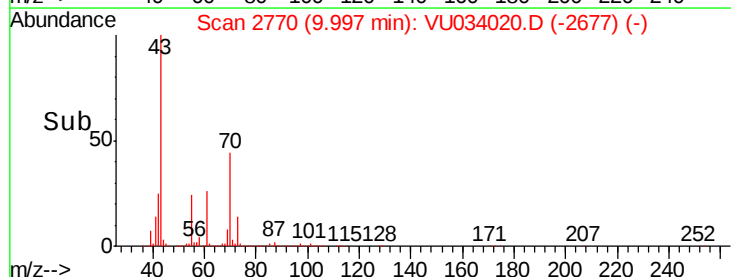
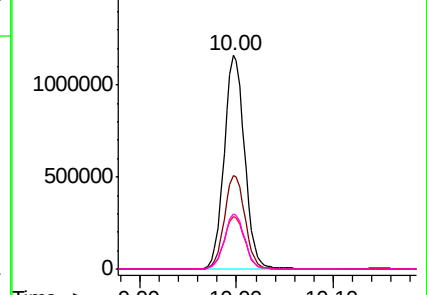


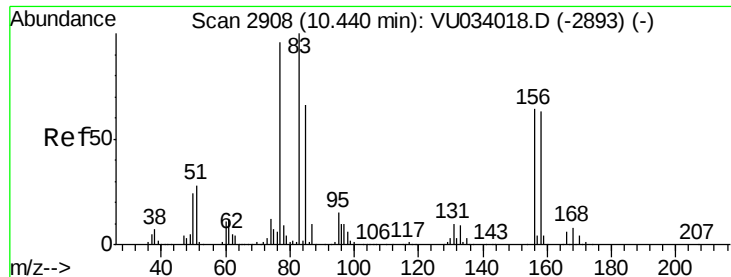
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 147.585 ug/l

RT: 10.44 min Scan# 2908

Delta R.T. 0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

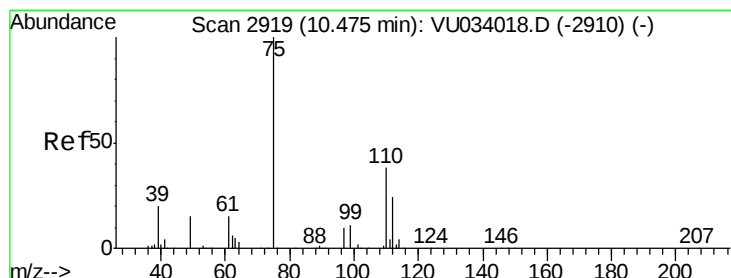
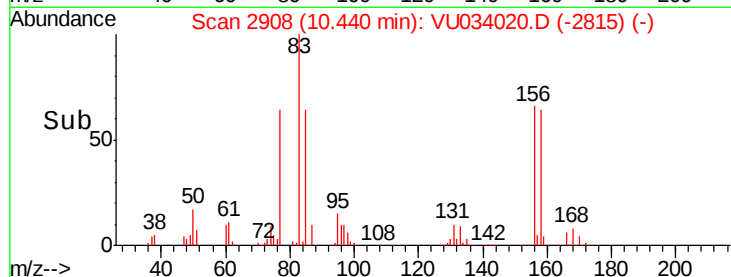
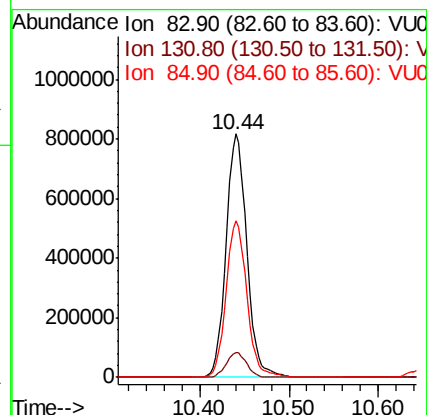
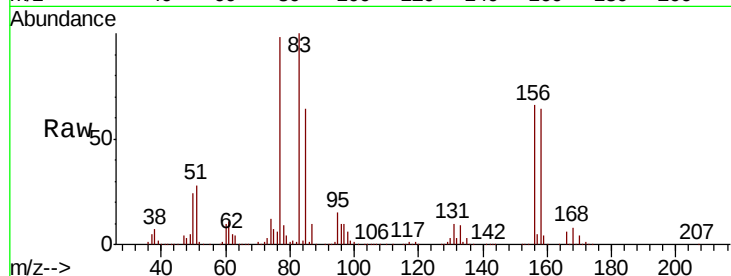
Tgt Ion: 83 Resp: 1315573

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

85 64.4 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 199.828 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. 0.00 min

Lab File: VU034020.D

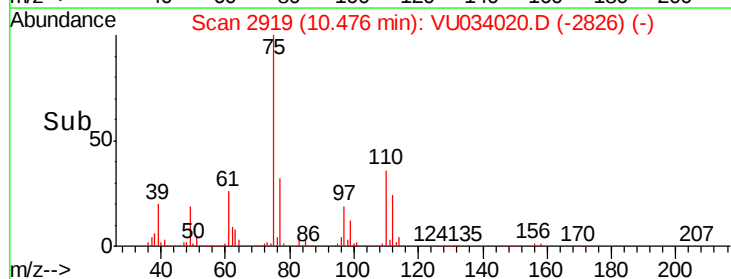
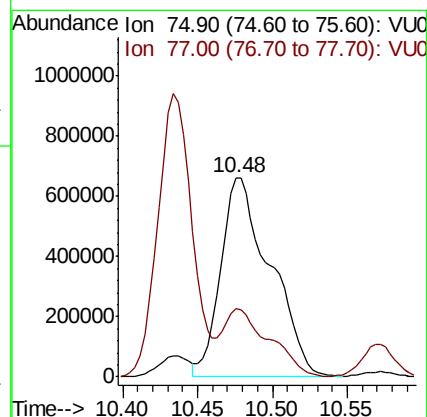
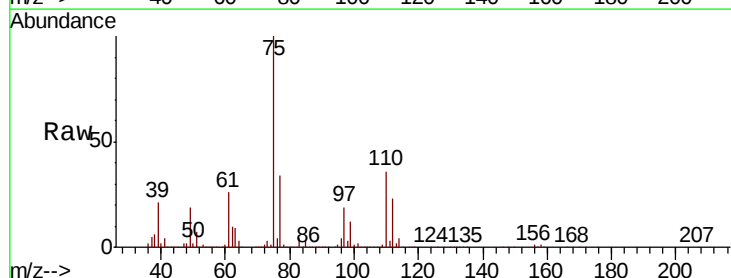
Acq: 28 Aug 2019 13:37

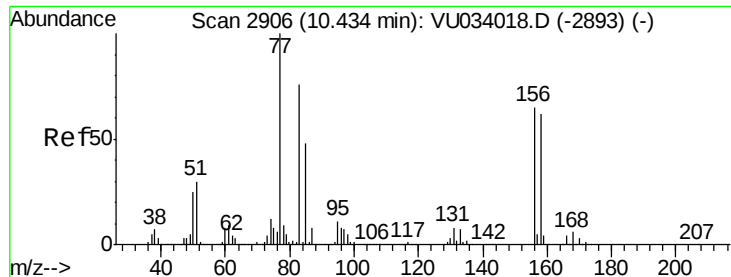
Tgt Ion: 75 Resp: 1526601

Ion Ratio Lower Upper

75 100

77 31.2 20.1 60.2





#77

Bromobenzene

Concen: 140.582 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. 0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

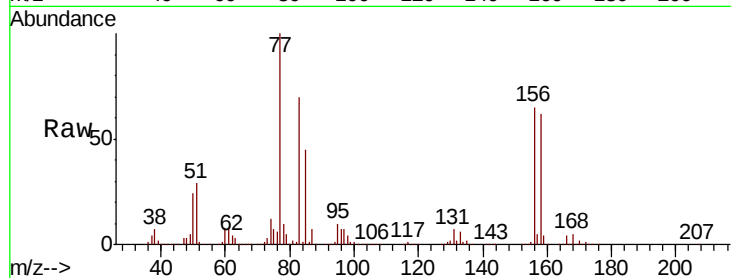
Tgt Ion:156 Resp: 965189

Ion Ratio Lower Upper

156 100

77 154.0 76.8 230.5

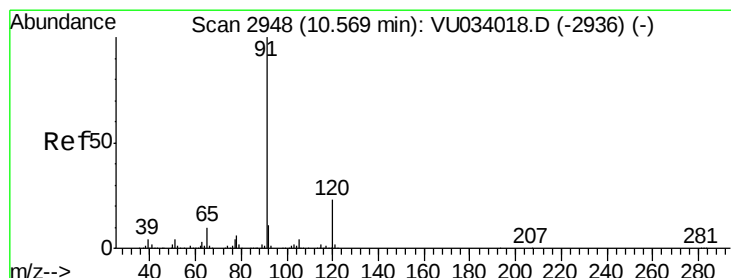
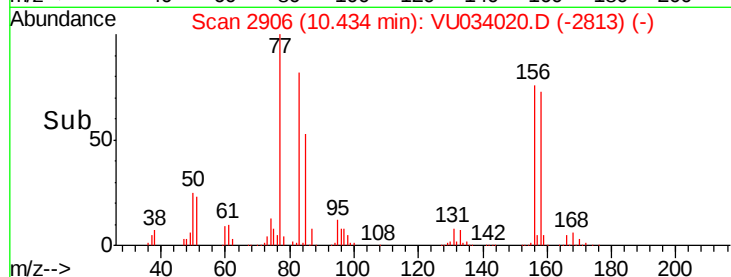
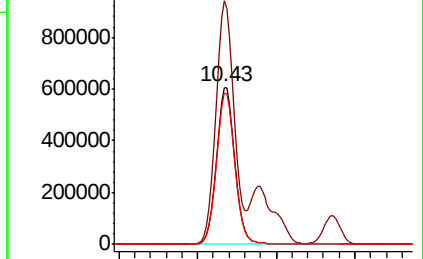
158 97.1 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 156.452 ug/l

RT: 10.57 min Scan# 2949

Delta R.T. 0.00 min

Lab File: VU034020.D

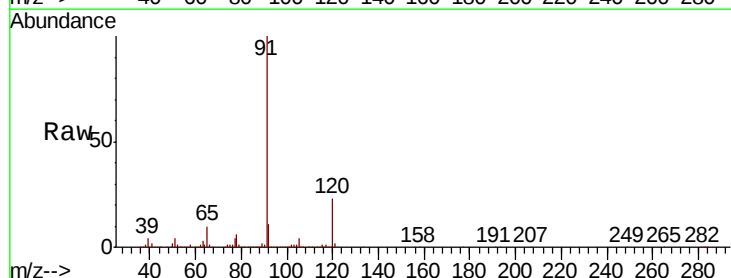
Acq: 28 Aug 2019 13:37

Tgt Ion: 91 Resp: 4368413

Ion Ratio Lower Upper

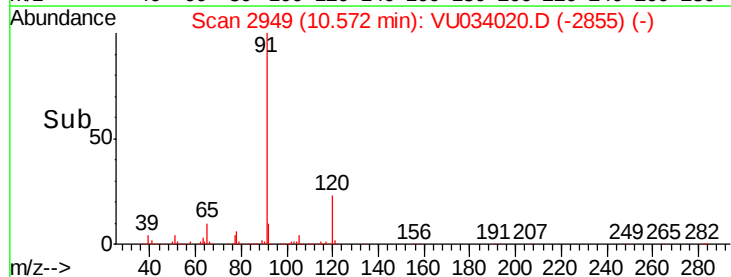
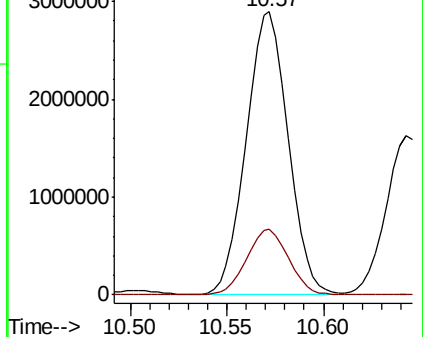
91 100

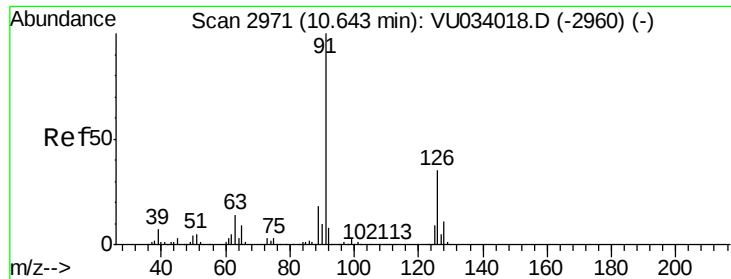
120 23.2 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

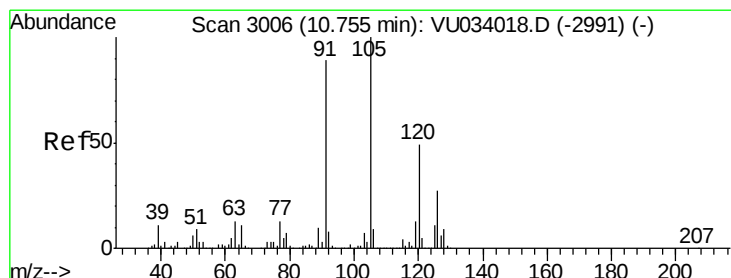
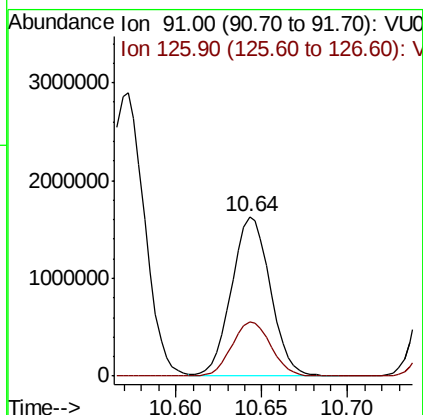
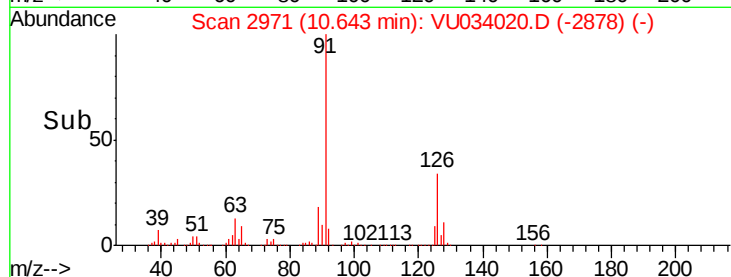
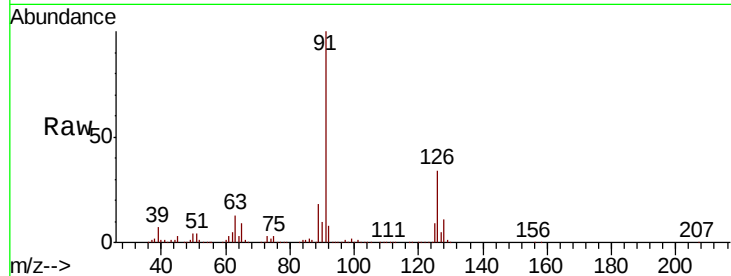




#79
 2-Chlorotoluene
 Concen: 150.179 ug/l
 RT: 10.64 min Scan# 2971
 Delta R.T. 0.00 min
 Lab File: VU034020.D
 Acq: 28 Aug 2019 13:37

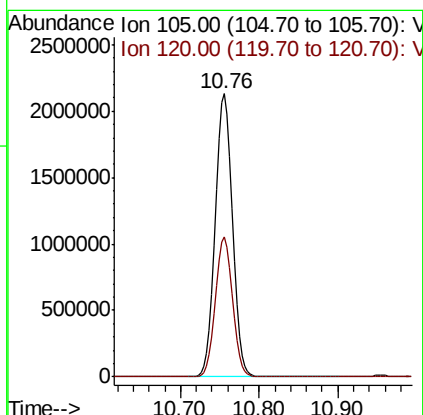
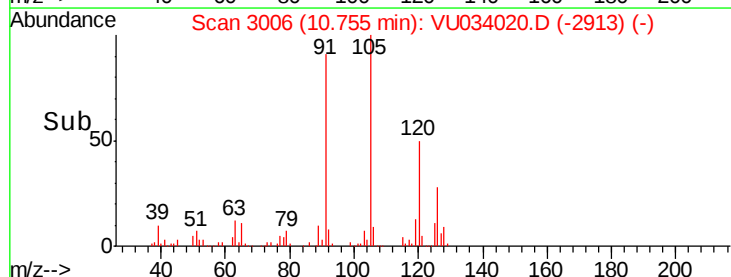
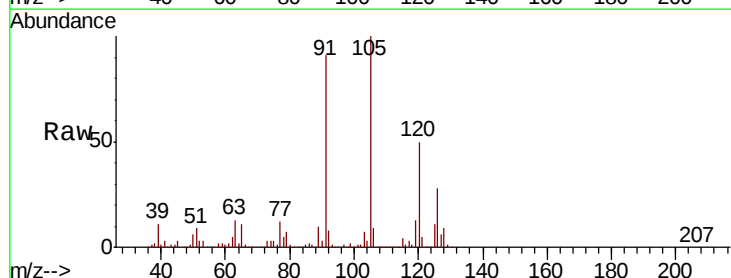
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

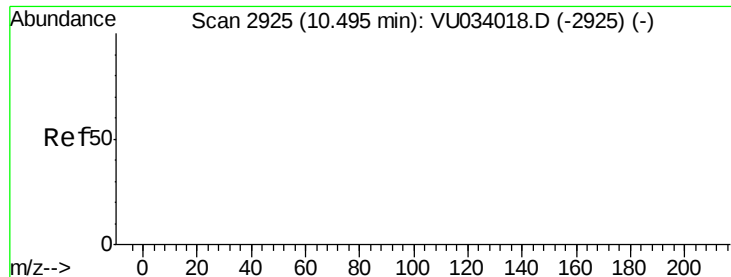
Tgt Ion: 91 Resp: 2532544
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.1 51.2



#80
 1,3,5-Trimethylbenzene
 Concen: 152.831 ug/l
 RT: 10.76 min Scan# 3006
 Delta R.T. 0.00 min
 Lab File: VU034020.D
 Acq: 28 Aug 2019 13:37

Tgt Ion: 105 Resp: 3206218
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 595.384 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. -0.02 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

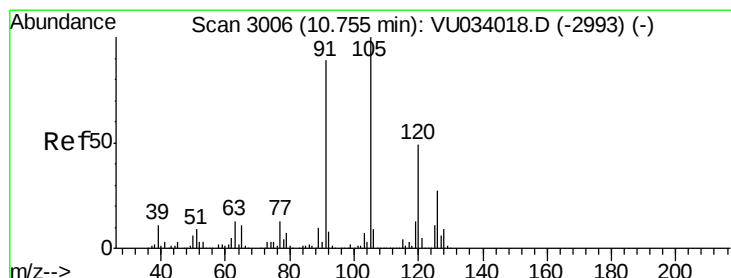
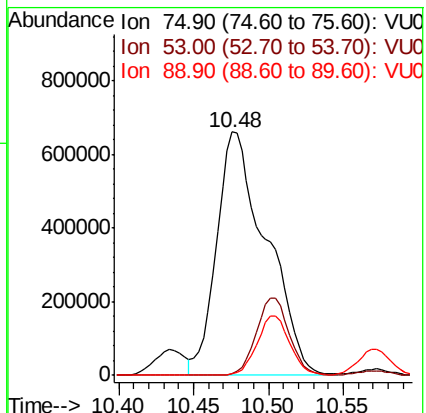
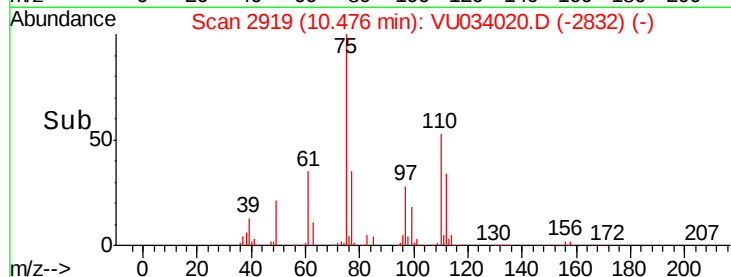
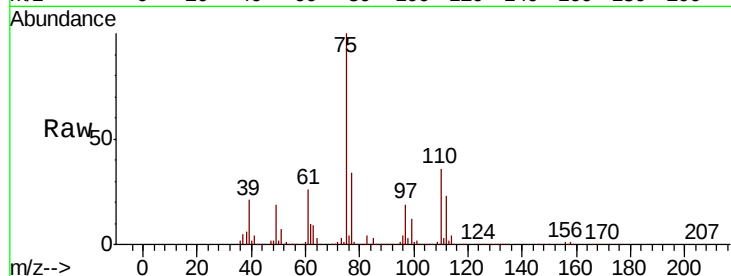
Tgt Ion: 75 Resp: 1529834

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 152.243 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VU034020.D

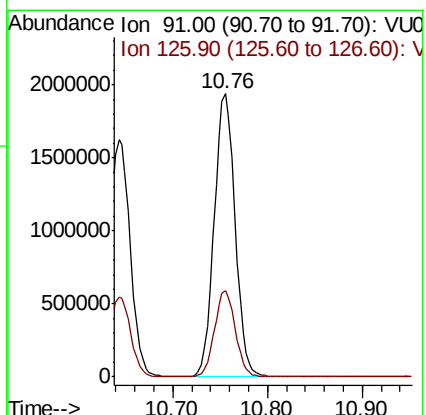
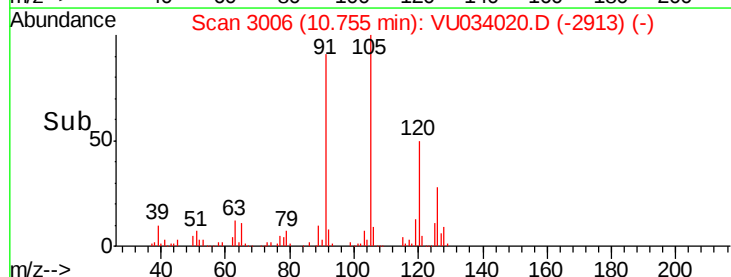
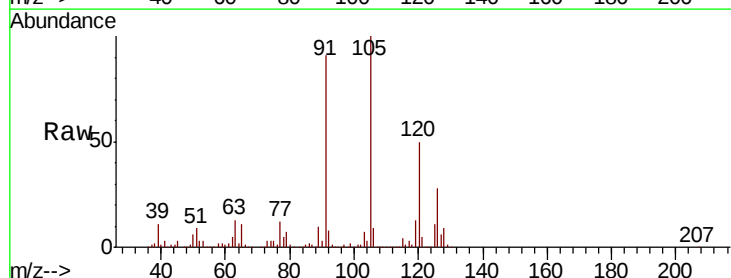
Acq: 28 Aug 2019 13:37

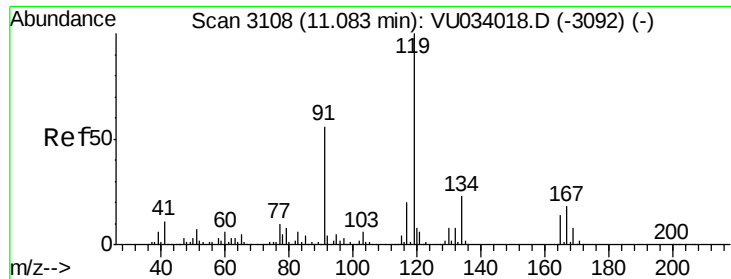
Tgt Ion: 91 Resp: 2963973

Ion Ratio Lower Upper

91 100

126 30.3 15.0 45.1

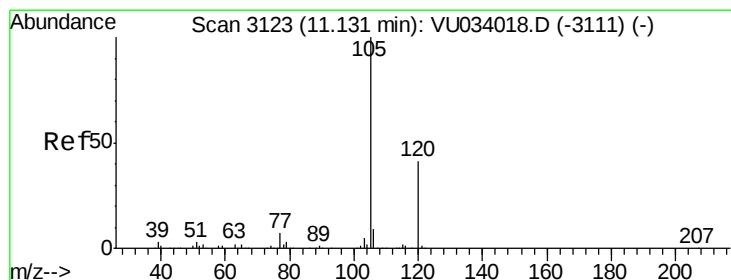
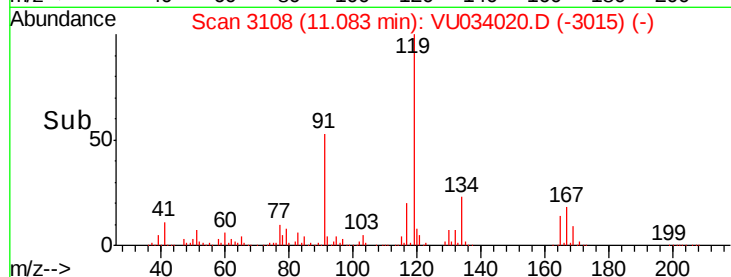
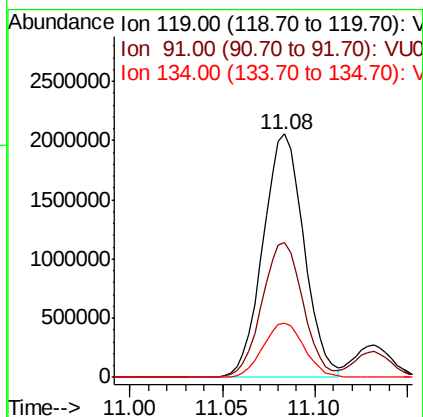
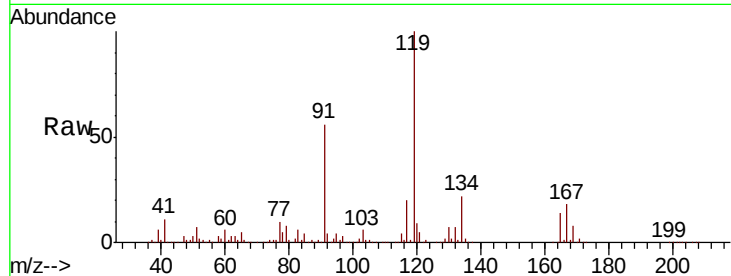




#83
 tert-Butylbenzene
 Concen: 155.071 ug/l
 RT: 11.08 min Scan# 3108
 Delta R.T. 0.00 min
 Lab File: VU034020.D
 Acq: 28 Aug 2019 13:37

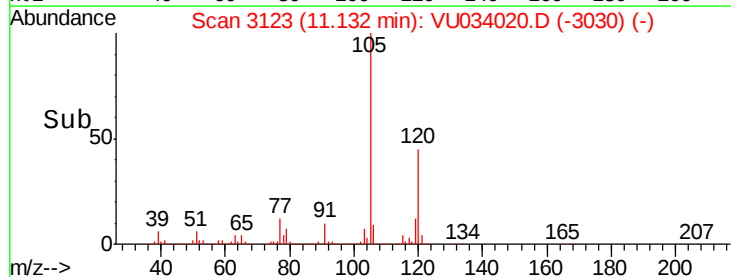
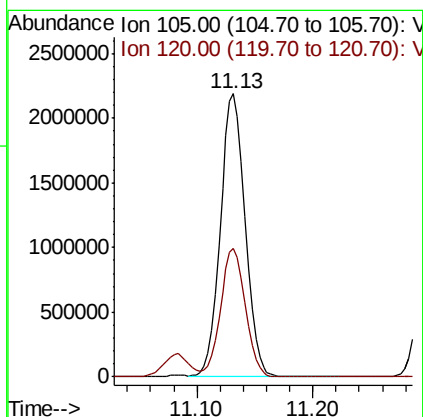
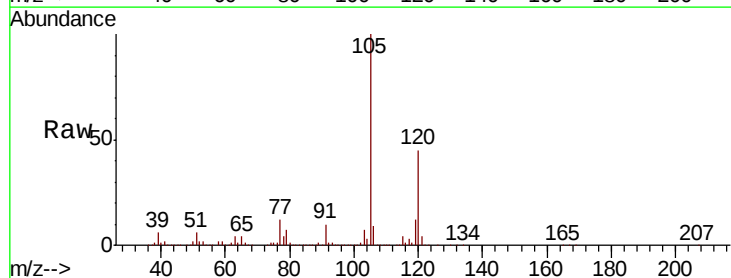
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

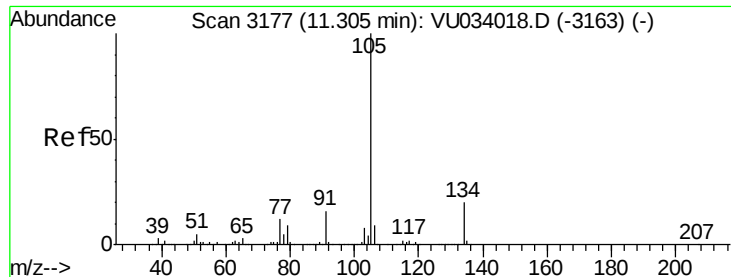
Tgt Ion:119 Resp: 3169178
 Ion Ratio Lower Upper
 119 100
 91 55.7 27.9 83.6
 134 22.6 11.4 34.2



#84
 1,2,4-Trimethylbenzene
 Concen: 157.248 ug/l
 RT: 11.13 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: VU034020.D
 Acq: 28 Aug 2019 13:37

Tgt Ion:105 Resp: 3246441
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.6 67.8

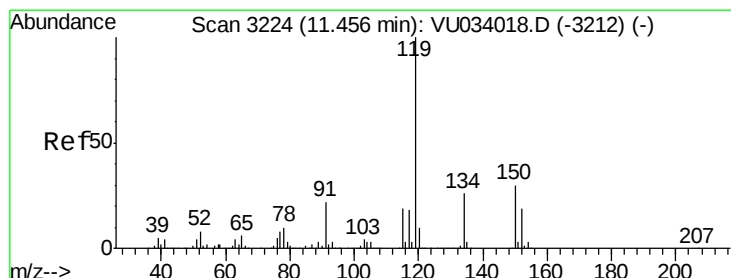
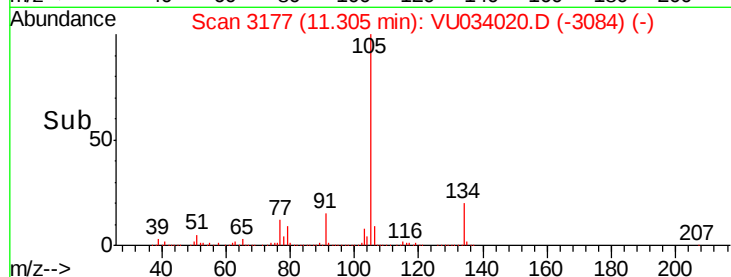
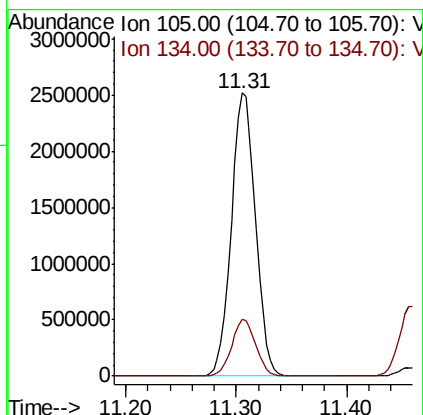
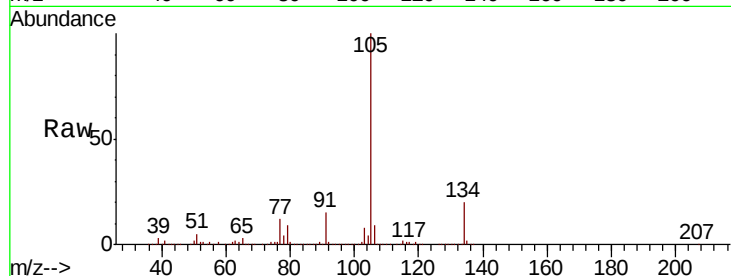




#85
 sec-Butylbenzene
 Concen: 156.499 ug/l
 RT: 11.31 min Scan# 3177
 Delta R.T. 0.00 min
 Lab File: VU034020.D
 Acq: 28 Aug 2019 13:37

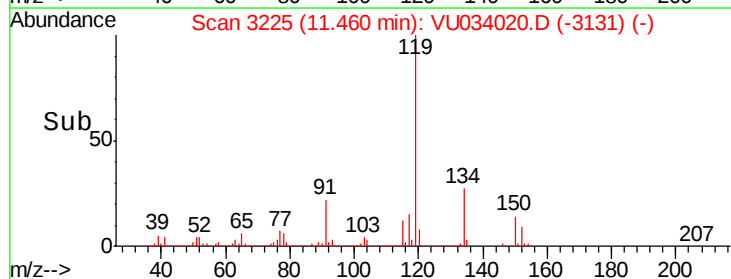
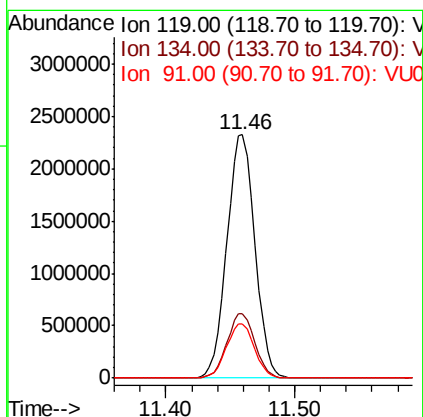
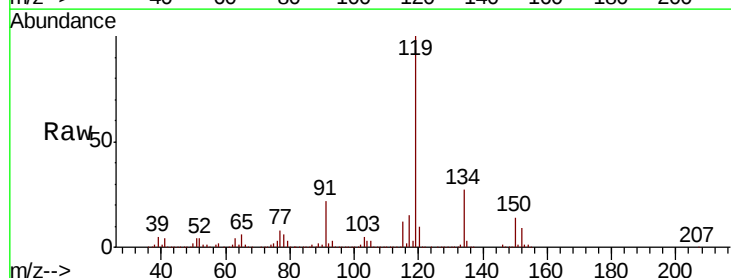
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

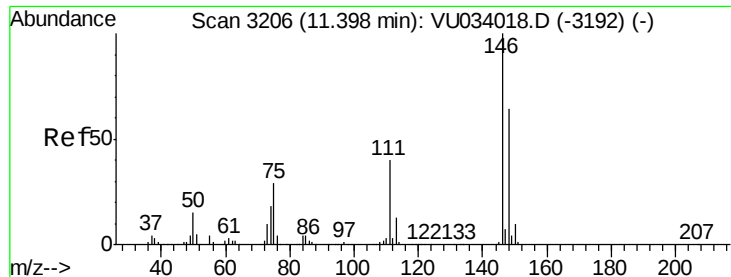
Tgt Ion:105 Resp: 3813499
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 153.956 ug/l
 RT: 11.46 min Scan# 3225
 Delta R.T. 0.00 min
 Lab File: VU034020.D
 Acq: 28 Aug 2019 13:37

Tgt Ion:119 Resp: 3491961
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 22.4 11.2 33.6

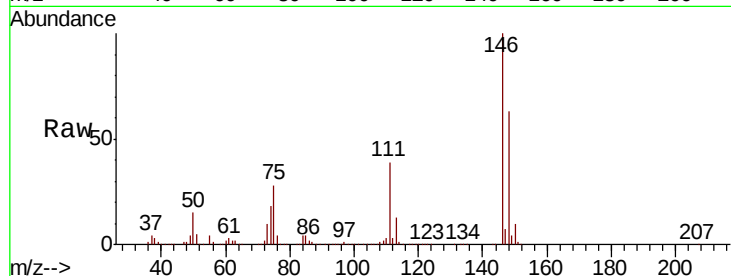




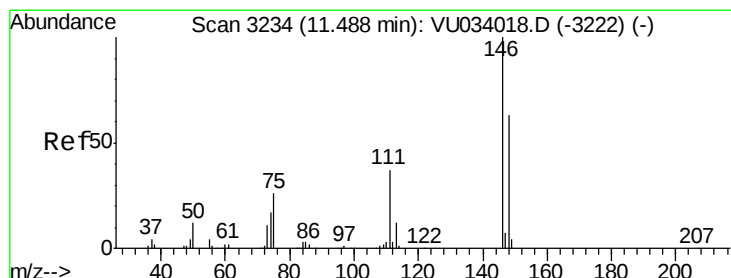
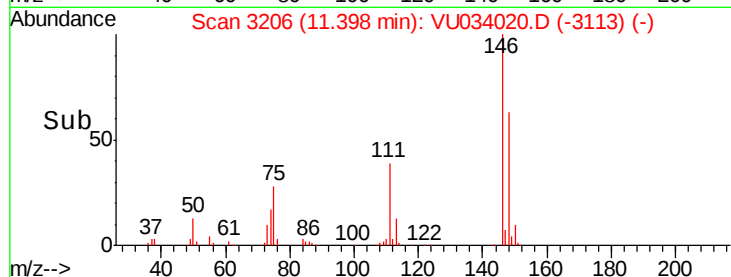
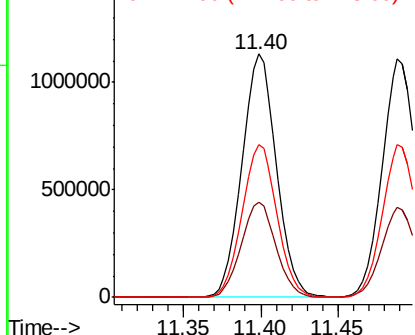
#87
 1,3-Dichlorobenzene
 Concen: 143.948 ug/l
 RT: 11.40 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: VU034020.D
 Acq: 28 Aug 2019 13:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

Tgt Ion:146 Resp: 1751511
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.9 59.6
 148 63.5 31.9 95.5

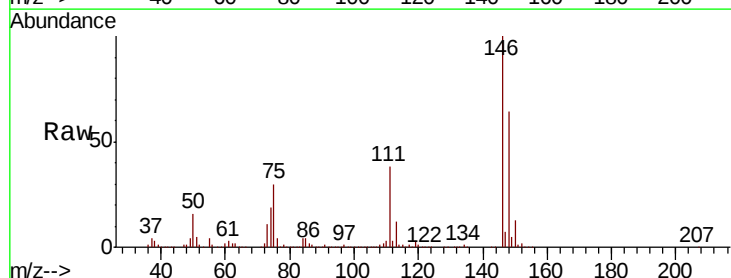


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

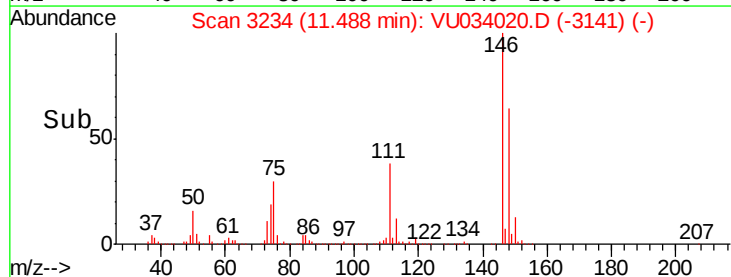
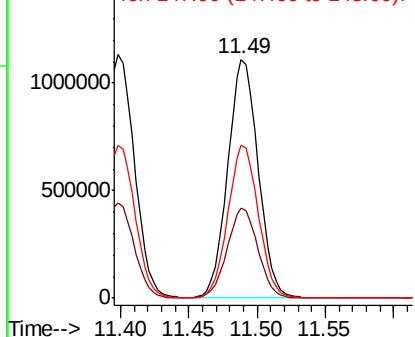


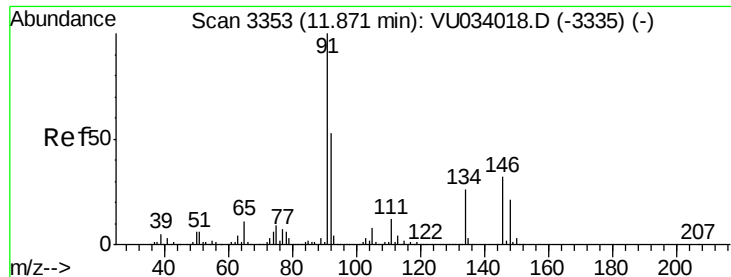
#88
 1,4-Dichlorobenzene
 Concen: 140.113 ug/l
 RT: 11.49 min Scan# 3234
 Delta R.T. 0.00 min
 Lab File: VU034020.D
 Acq: 28 Aug 2019 13:37

Tgt Ion:146 Resp: 1719099
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.2 57.6
 148 64.2 31.9 95.9



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





#89

n-Butylbenzene

Concen: 168.213 ug/l

RT: 11.87 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

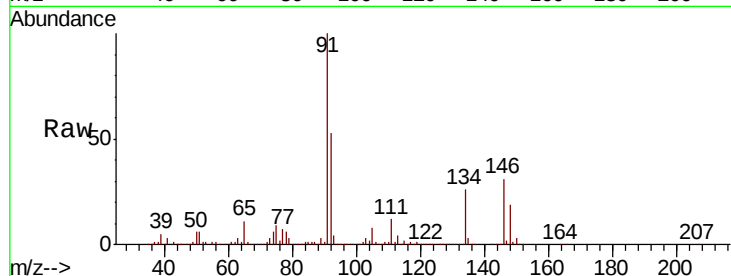
Tgt Ion: 91 Resp: 3222809

Ion Ratio Lower Upper

91 100

92 53.1 26.3 78.9

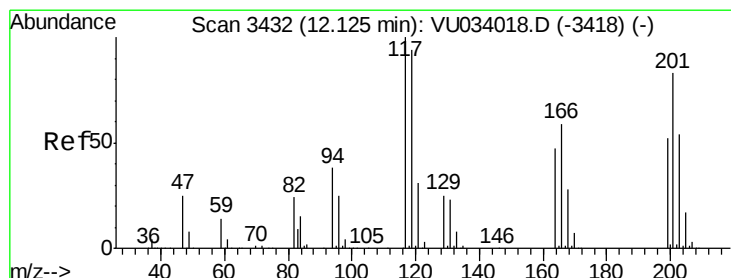
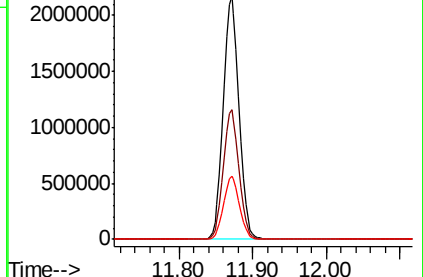
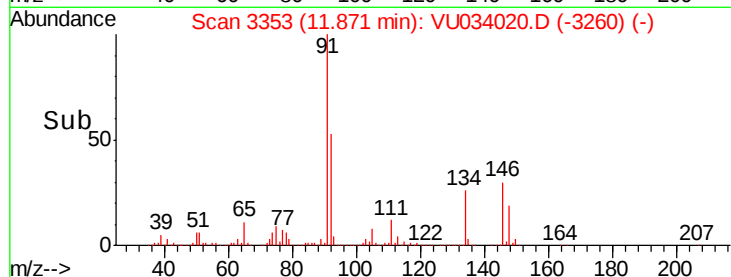
134 26.1 12.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VU034020.D (-3260) (-)

Ion 92.00 (91.70 to 92.70): VU034020.D (-3260) (-)

Ion 134.00 (133.70 to 134.70): VU034020.D (-3260) (-)



#90

Hexachloroethane

Concen: 159.075 ug/l

RT: 12.13 min Scan# 3432

Delta R.T. 0.00 min

Lab File: VU034020.D

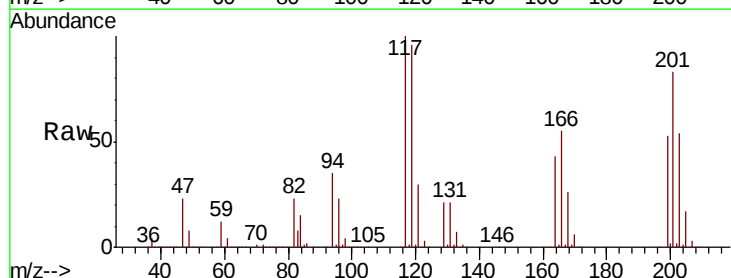
Acq: 28 Aug 2019 13:37

Tgt Ion: 117 Resp: 598929

Ion Ratio Lower Upper

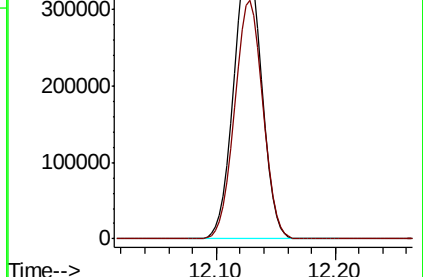
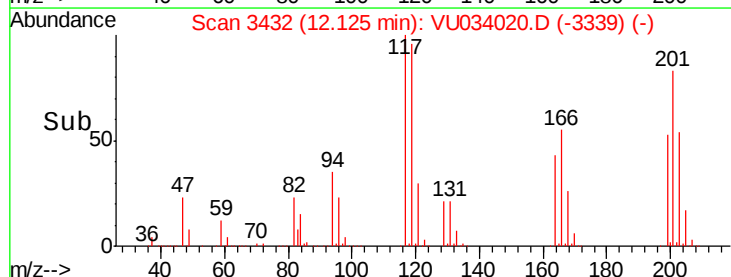
117 100

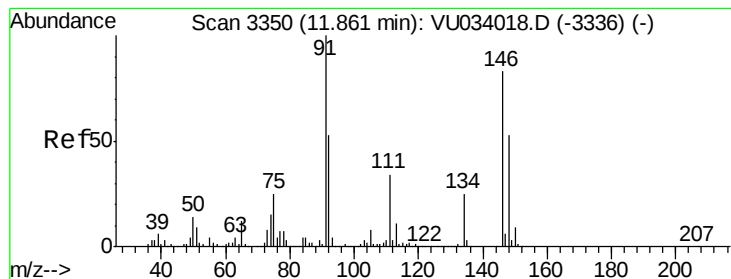
201 85.4 42.5 127.6



Abundance Ion 116.80 (116.50 to 117.50): VU034020.D (-3339) (-)

Ion 200.70 (200.40 to 201.40): VU034020.D (-3339) (-)





#91

1,2-Dichlorobenzene

Concen: 141.929 ug/l

RT: 11.86 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

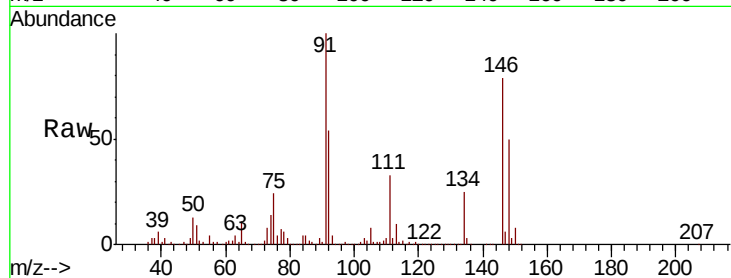
Tgt Ion:146 Resp: 1696190

Ion Ratio Lower Upper

146 100

111 41.4 20.4 61.2

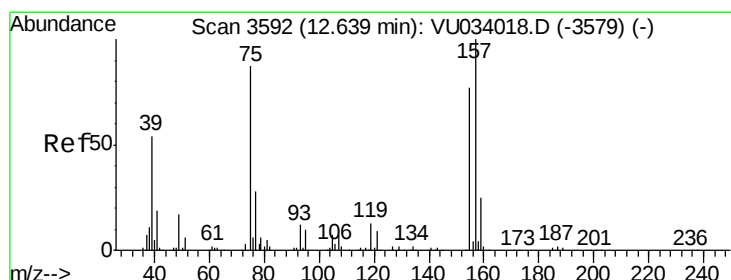
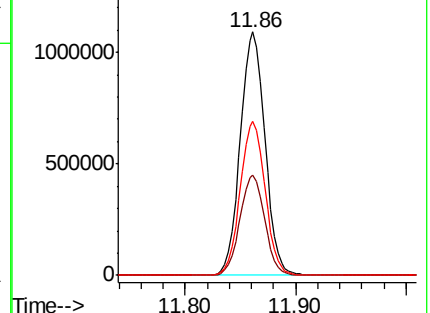
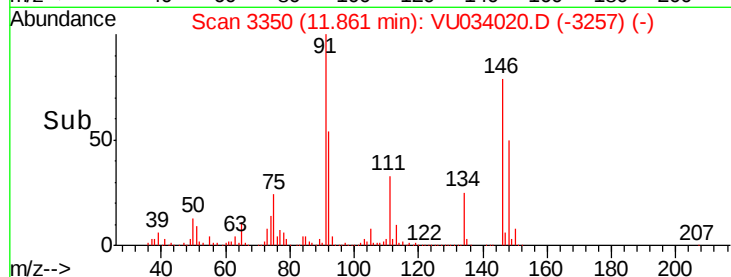
148 63.7 32.3 96.8



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: 169.741 ug/l

RT: 12.64 min Scan# 3592

Delta R.T. 0.00 min

Lab File: VU034020.D

Acq: 28 Aug 2019 13:37

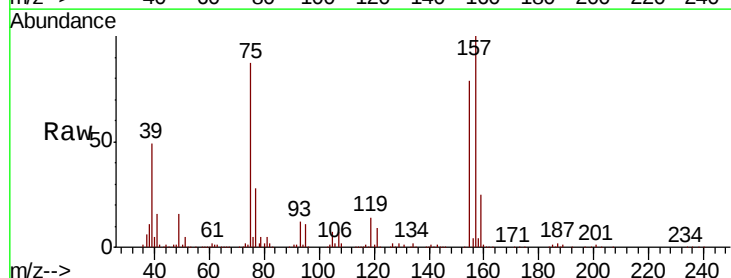
Tgt Ion: 75 Resp: 299989

Ion Ratio Lower Upper

75 100

155 89.5 43.5 130.7

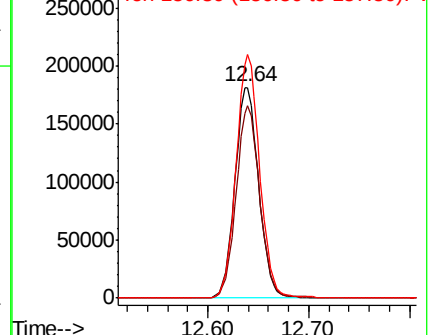
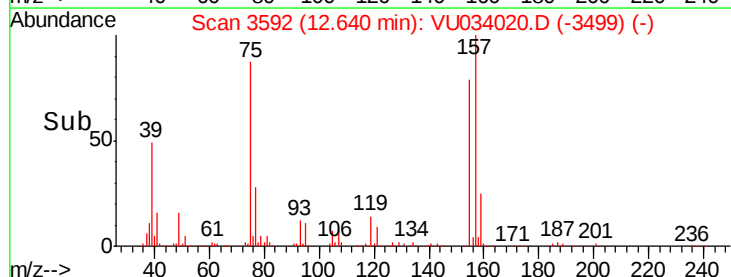
157 114.0 56.9 170.6

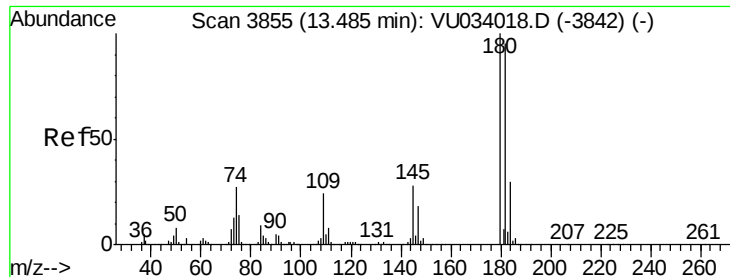


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

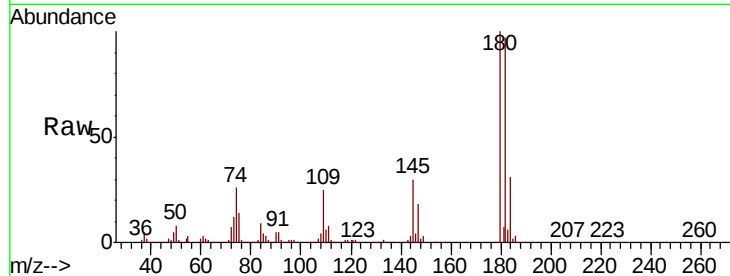




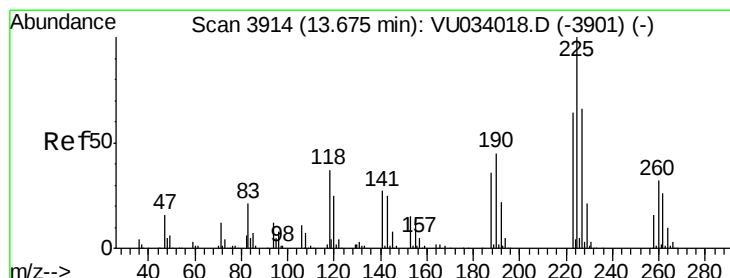
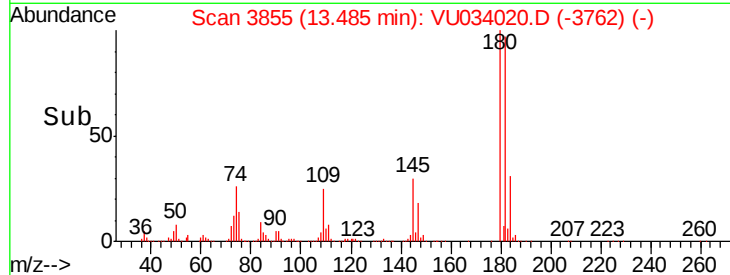
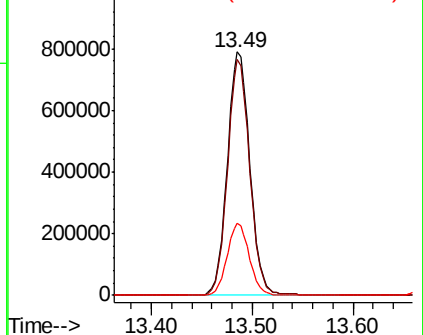
#93
 1,2,4-Trichlorobenzene
 Concen: 169.112 ug/l
 RT: 13.49 min Scan# 3855
 Delta R.T. 0.00 min
 Lab File: VU034020.D
 Acq: 28 Aug 2019 13:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 1237449
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.4 142.2
 145 29.2 14.1 42.3

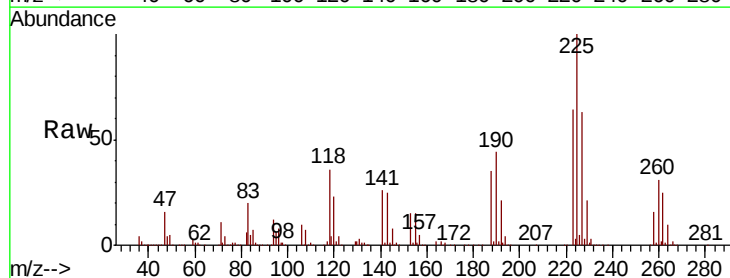


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

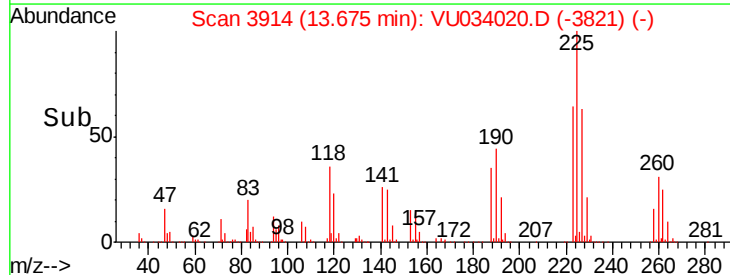
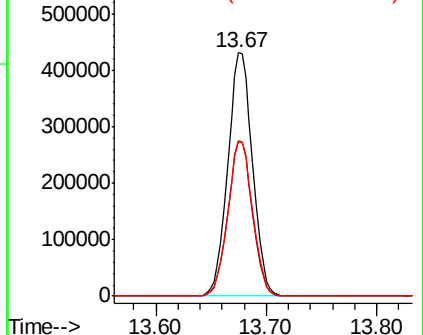


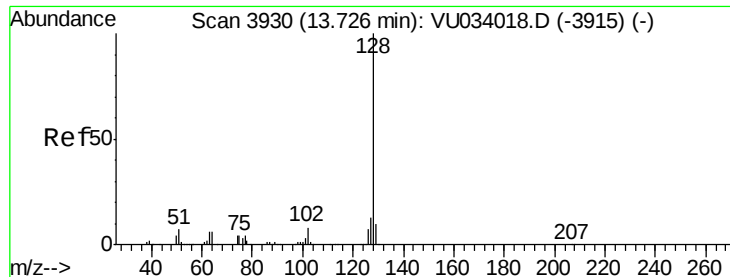
#94
 Hexachlorobutadiene
 Concen: 137.409 ug/l
 RT: 13.67 min Scan# 3914
 Delta R.T. 0.00 min
 Lab File: VU034020.D
 Acq: 28 Aug 2019 13:37

Tgt Ion:225 Resp: 666466
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.8 95.3
 227 63.7 32.6 97.8



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

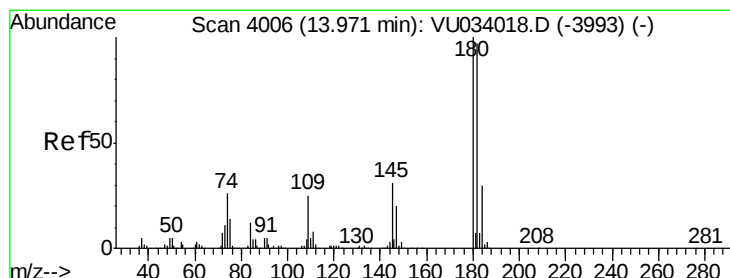
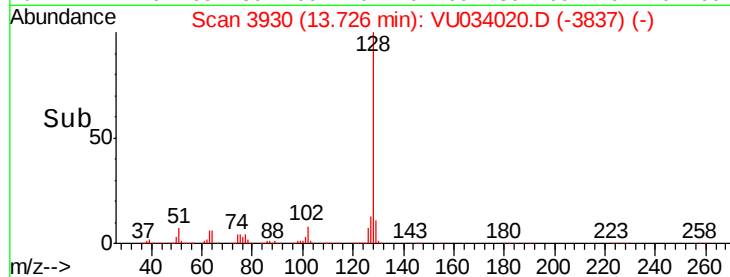
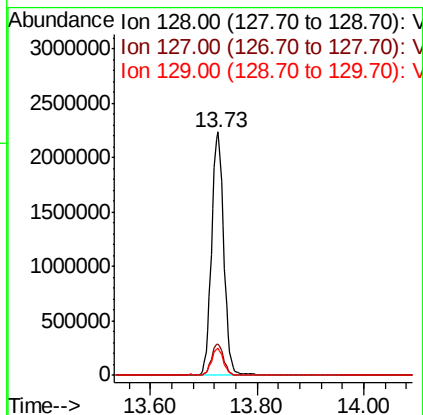
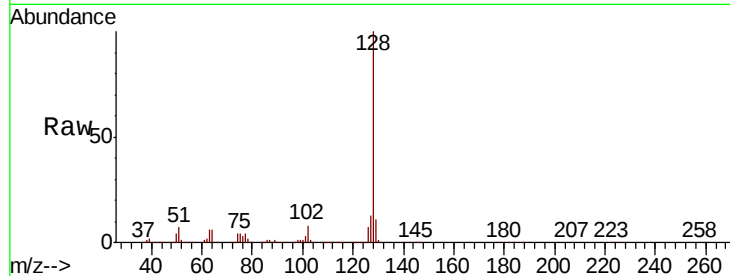




#95
Naphthalene
Concen: 184.683 ug/l
RT: 13.73 min Scan# 3930
Delta R.T. 0.00 min
Lab File: VU034020.D
Acq: 28 Aug 2019 13:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 3582727
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 158.790 ug/l
RT: 13.97 min Scan# 4006
Delta R.T. 0.00 min
Lab File: VU034020.D
Acq: 28 Aug 2019 13:37

Tgt Ion:180 Resp: 1200240
Ion Ratio Lower Upper
180 100
182 96.1 48.2 144.6
145 31.0 15.5 46.5

