

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU113020\
 Data File : VU041437.D
 Acq On : 30 Nov 2020 11:15
 Operator : SY/MD
 Sample : VSTD01036
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010206

Quant Time: Dec 01 00:30:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR113020WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 01 00:28:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	63571	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	63311	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	34873	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	43376	8.64	ug/L	0.00
7) Chloroethane-d5	1.92	69	33768	9.30	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	65	22151	9.64	ug/L	0.00
20) 2-Butanone-d5	4.66	46	129530	96.78	ug/L	0.00
24) Chloroform-d	5.08	84	96505	9.60	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	61624	9.91	ug/L	0.00
32) Benzene-d6	5.74	84	161929	10.19	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	48934	10.69	ug/L	0.00
41) Toluene-d8	7.91	98	157384	10.27	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	26312	10.76	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	107477	113.00	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.75	84	46508	9.81	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	62464	10.06	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	71742	9.684	ug/L 99
3) Chloromethane	1.53	50	51288	8.571	ug/L 98
5) Vinyl chloride	1.61	62	54474	9.321	ug/L 98
6) Bromomethane	1.87	94	32943	10.401	ug/L 98
8) Chloroethane	1.94	64	31478	8.670	ug/L 100
9) Trichlorofluoromethane	2.15	101	105243	10.064	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	48367	9.846	ug/L 98
12) 1,1-Dichloroethene	2.59	96	42635	10.180	ug/L 91
13) Acetone	2.66	43	102811	100.793	ug/L 99
14) Carbon disulfide	2.81	76	118934	9.879	ug/L 99
15) Methyl Acetate	2.97	43	22407	10.804	ug/L 99
16) Methylene chloride	3.06	84	47068	7.469	ug/L 94
17) Methyl tert-butyl Ether	3.38	73	127424	10.586	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	43719	10.331	ug/L 92
19) 1,1-Dichloroethane	3.89	63	82373	9.621	ug/L 95
21) 2-Butanone	4.73	43	142855	98.179	ug/L 97
22) cis-1,2-Dichloroethene	4.68	96	46377	9.718	ug/L 99
23) Bromochloromethane	4.99	128	22713	9.898	ug/L 96
25) Chloroform	5.11	83	98706	9.751	ug/L 97
27) 1,2-Dichloroethane	5.81	62	78188	10.526	ug/L 100
29) 1,1,1-Trichloroethane	5.33	97	95279	10.622	ug/L 98
30) Cyclohexane	5.40	56	72214	11.310	ug/L 99
31) Carbon tetrachloride	5.54	117	87124	10.690	ug/L 99
33) Benzene	5.79	78	191395	10.802	ug/L 100
34) Trichloroethene	6.55	95	52163	11.004	ug/L 97
35) Methylcyclohexane	6.77	83	75684	11.528	ug/L 97
37) 1,2-Dichloropropane	6.80	63	48878	10.933	ug/L 100
38) Bromodichloromethane	7.11	83	76725	10.844	ug/L 100
39) cis-1,3-Dichloropropene	7.62	75	76317	10.892	ug/L 95
40) 4-Methyl-2-pentanone	7.80	43	373087	117.818	ug/L 100

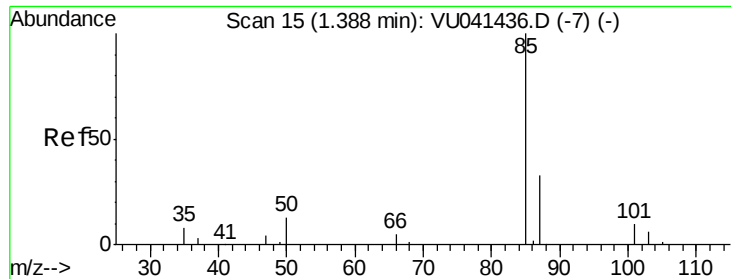
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU113020\
 Data File : VU041437.D
 Acq On : 30 Nov 2020 11:15
 Operator : SY/MD
 Sample : VSTD01036
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010206

Quant Time: Dec 01 00:30:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR113020WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 01 00:28:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	211049	11.118	ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	76714	11.279	ug/L	98
45) 1,1,2-Trichloroethane	8.41	97	37748	10.507	ug/L	98
47) Tetrachloroethene	8.56	164	39893	10.834	ug/L	98
48) 2-Hexanone	8.69	43	280573	114.204	ug/L	100
49) Dibromochloromethane	8.82	129	51453	10.804	ug/L	100
50) 1,2-Dibromoethane	8.93	107	37164	10.494	ug/L	100
51) Chlorobenzene	9.45	112	133898	10.407	ug/L	99
52) Ethylbenzene	9.57	91	241265	11.087	ug/L	99
53) m,p-Xylene	9.70	106	89073	11.322	ug/L	98
54) o-Xylene	10.10	106	86648	11.458	ug/L	93
55) Styrene	10.11	104	154964	11.585	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.78	83	50080	10.487	ug/L	97
59) Bromoform	10.29	173	30847	11.061	ug/L	99
60) Isopropylbenzene	10.48	105	241197	11.321	ug/L	100
61) 1,2,3-Trichloropropane	10.82	75	38608	10.402	ug/L	95
62) 1,3,5-Trimethylbenzene	11.09	105	213425	11.756	ug/L	100
63) 1,2,4-Trimethylbenzene	11.47	105	219859	11.727	ug/L	98
64) 1,3-Dichlorobenzene	11.74	146	114801	10.560	ug/L	99
65) 1,4-Dichlorobenzene	11.83	146	115535	10.390	ug/L	97
67) 1,2-Dichlorobenzene	12.21	146	109087	10.348	ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.99	75	10809	11.203	ug/L	91
69) 1,3,5-Trichlorobenzene	13.21	180	86668	10.358	ug/L	99
70) 1,2,4-trichlorobenzene	13.83	180	75510	10.824	ug/L	97
71) Naphthalene	14.08	128	134373	11.205	ug/L	99
72) 1,2,3-Trichlorobenzene	14.32	180	69483	10.648	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 9.684 ug/L

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU041437.D

Acq: 30 Nov 2020 11:15

Instrument :

MSVOA_U

ClientSampleId :

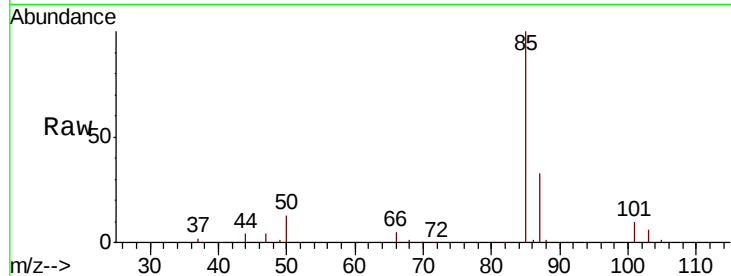
VSTD010206

Tot Ion: 85 Resp: 71742

Ion Ratio Lower Upper

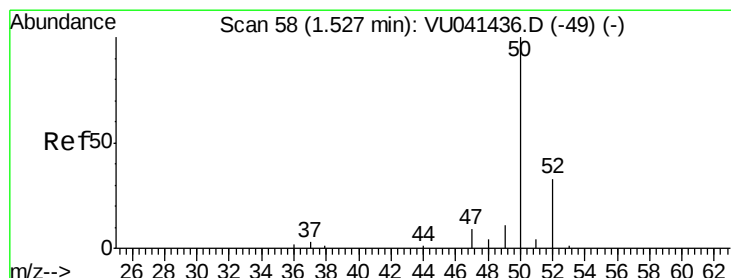
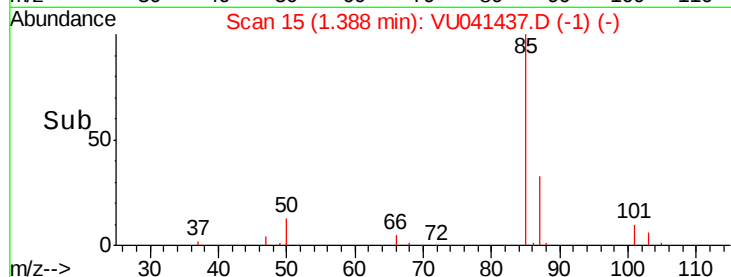
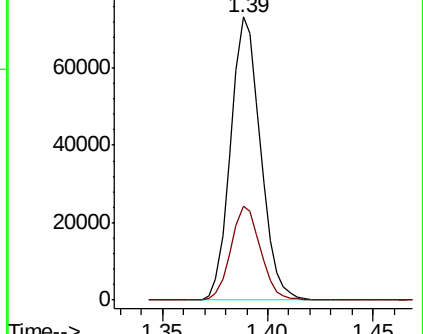
85 100

87 32.8 26.7 40.1



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#3

Chloromethane

Concen: 8.571 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU041437.D

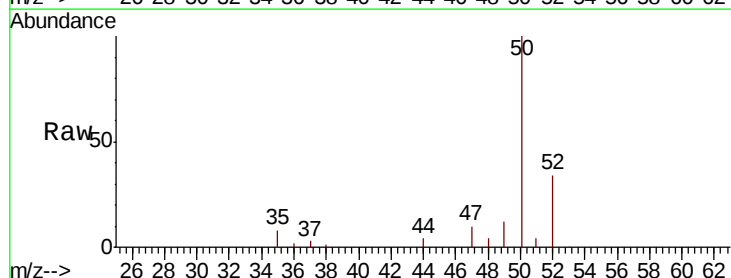
Acq: 30 Nov 2020 11:15

Tgt Ion: 50 Resp: 51288

Ion Ratio Lower Upper

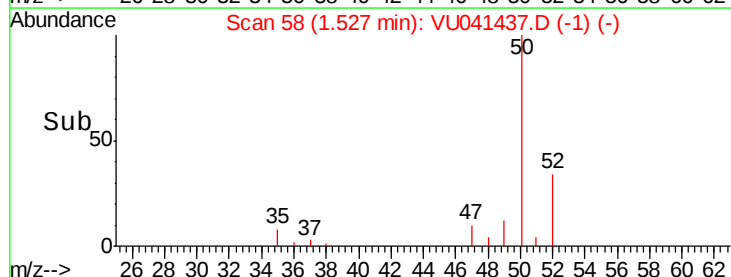
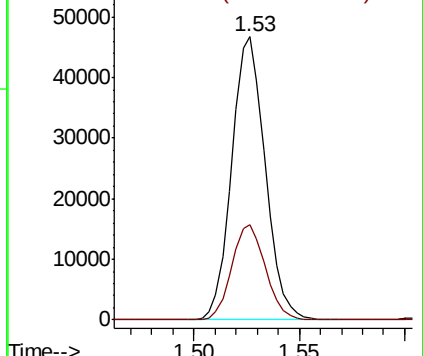
50 100

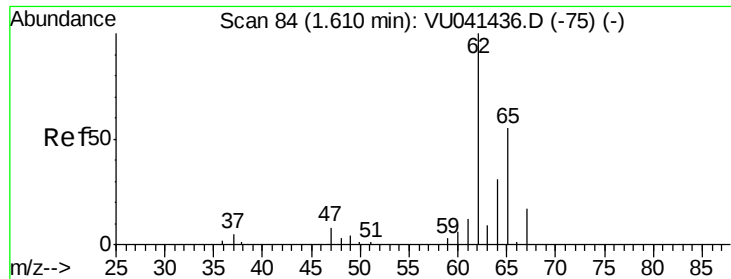
52 33.6 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0





#5

Vinyl chloride

Concen: 9.321 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU041437.D

Acq: 30 Nov 2020 11:15

Instrument :

MSVOA_U

ClientSampleId :

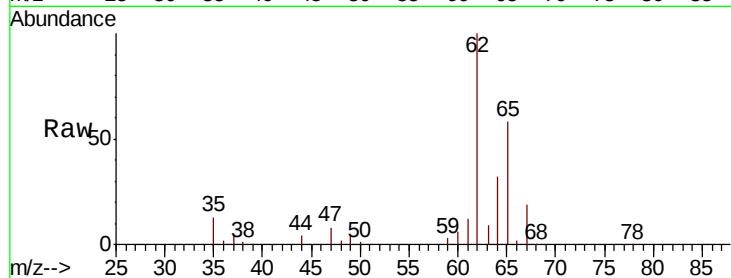
VSTD010206

Tot Ion: 62 Resp: 54474

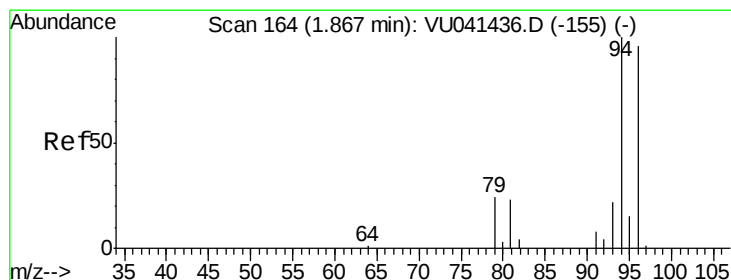
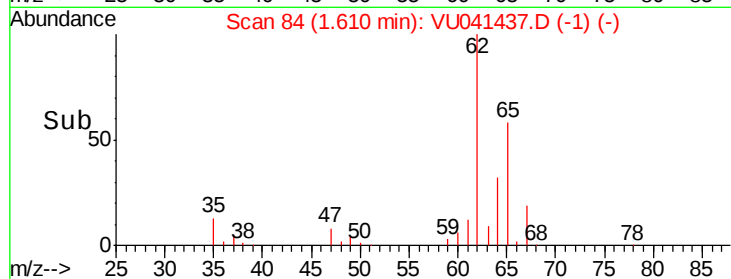
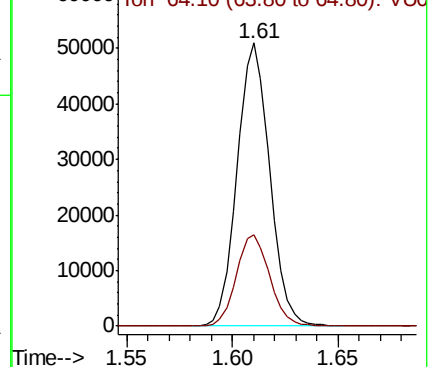
Ion Ratio Lower Upper

62 100

64 32.3 22.0 40.8



Abundance Ion 62.00 (61.70 to 62.70): VU041437.D (-1) (-)



#6

Bromomethane

Concen: 10.401 ug/L

RT: 1.87 min Scan# 164

Delta R.T. -0.00 min

Lab File: VU041437.D

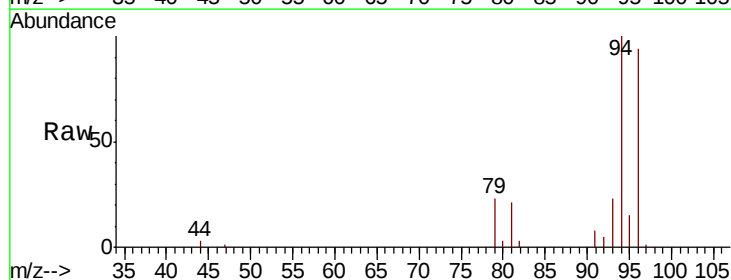
Acq: 30 Nov 2020 11:15

Tgt Ion: 94 Resp: 32943

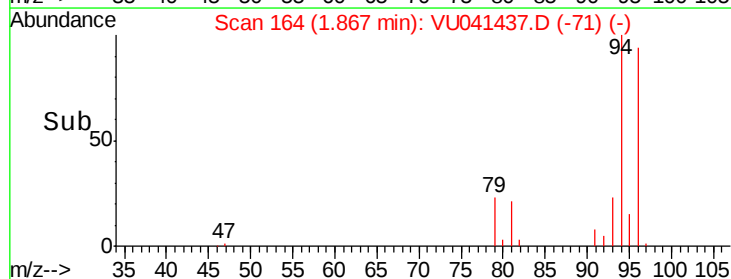
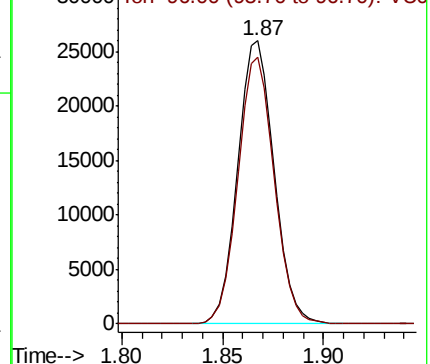
Ion Ratio Lower Upper

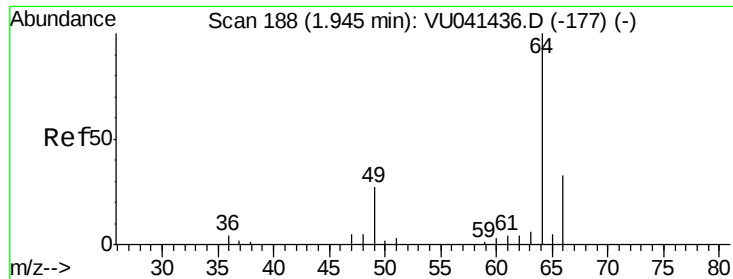
94 100

96 94.1 67.5 125.3



Abundance Ion 94.00 (93.70 to 94.70): VU041437.D (-71) (-)

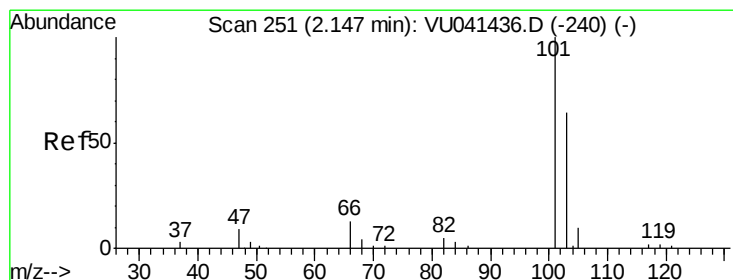
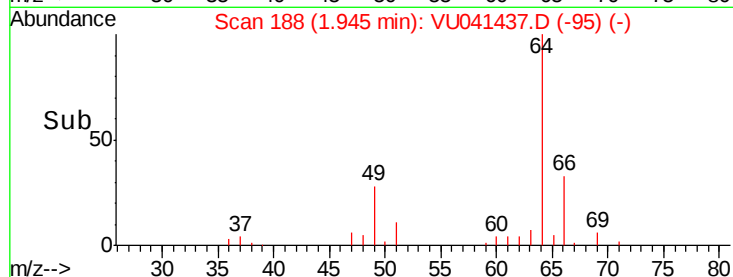
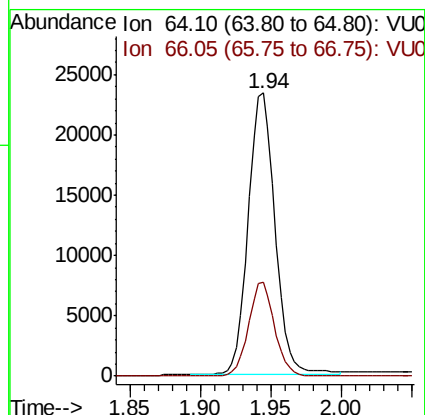
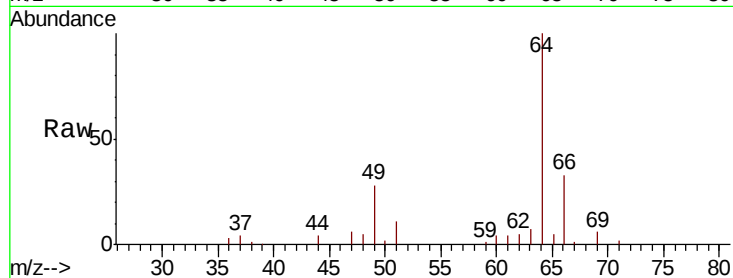




#8
Chloroethane
Concen: 8.670 ug/L
RT: 1.94 min Scan# 188
Delta R.T. -0.00 min
Lab File: VU041437.D
Acq: 30 Nov 2020 11:15

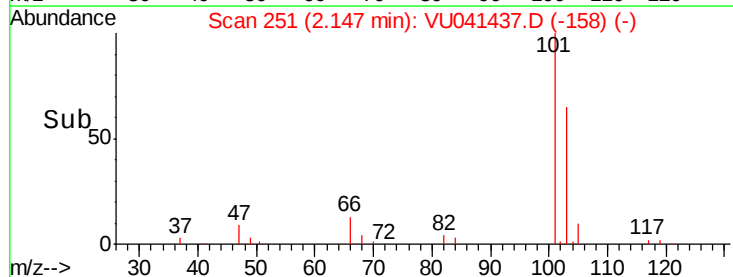
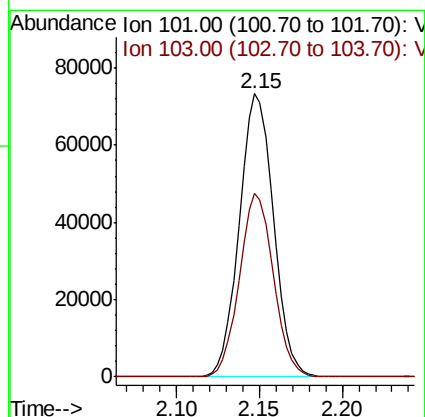
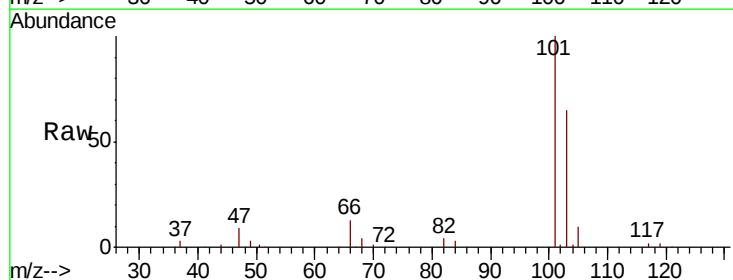
Instrument :
MSVOA_U
ClientSampleId :
VSTD010206

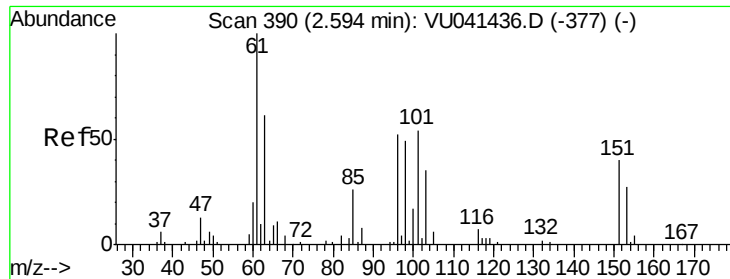
Tot Ion: 64 Resp: 31478
Ion Ratio Lower Upper
64 100
66 33.1 23.0 42.8



#9
Trichlorofluoromethane
Concen: 10.064 ug/L
RT: 2.15 min Scan# 251
Delta R.T. -0.00 min
Lab File: VU041437.D
Acq: 30 Nov 2020 11:15

Tgt Ion: 101 Resp: 105243
Ion Ratio Lower Upper
101 100
103 64.3 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 9.846 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU041437.D

Acq: 30 Nov 2020 11:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD010206

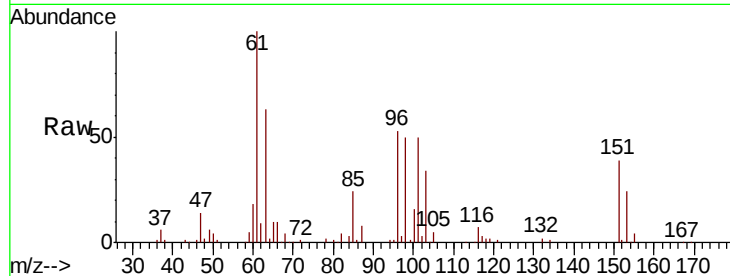
Tot Ion:101 Resp: 48367

Ion Ratio Lower Upper

101 100

85 47.4 39.4 59.0

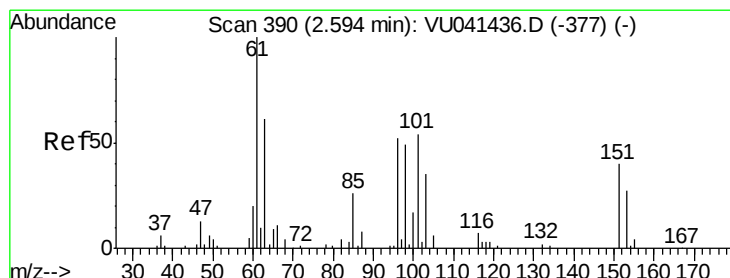
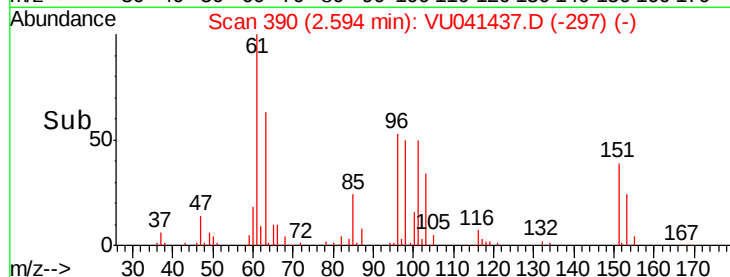
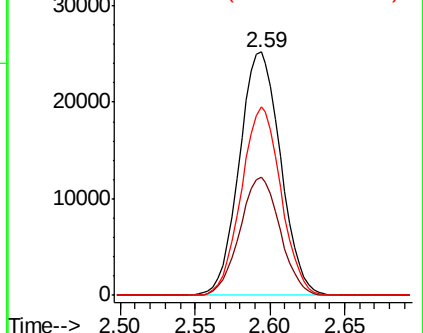
151 74.2 60.7 91.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 10.180 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU041437.D

Acq: 30 Nov 2020 11:15

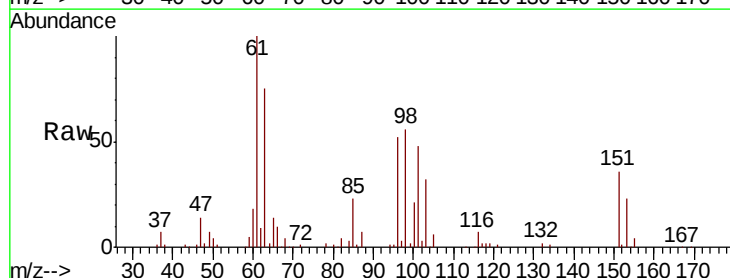
Tgt Ion: 96 Resp: 42635

Ion Ratio Lower Upper

96 100

61 193.2 133.3 247.7

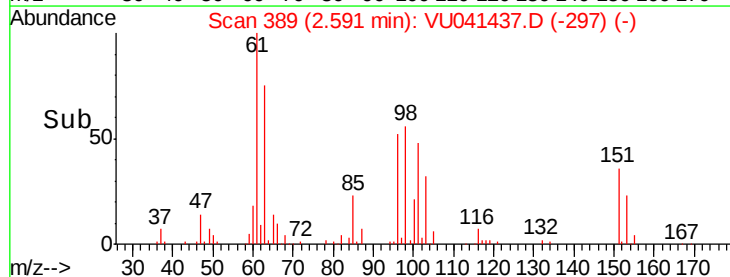
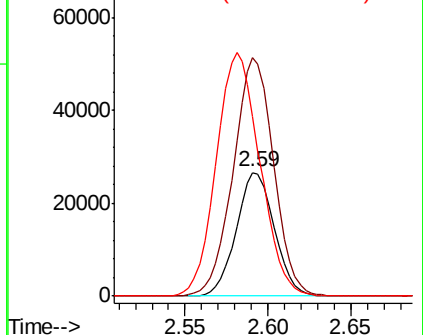
63 145.2 86.6 160.8

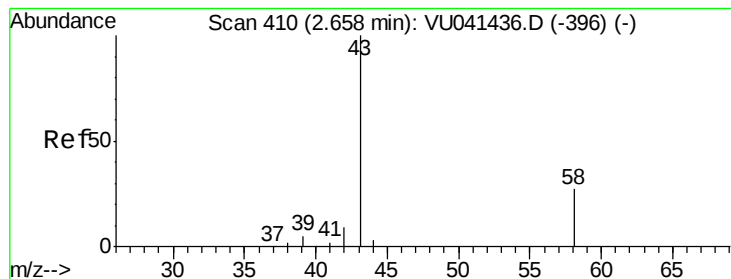


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 100.793 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU041437.D

Acq: 30 Nov 2020 11:15

Instrument :

MSVOA_U

ClientSampleId :

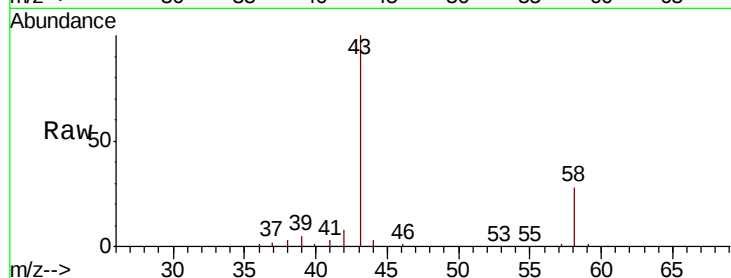
VSTD010206

Tot Ion: 43 Resp: 102811

Ion Ratio Lower Upper

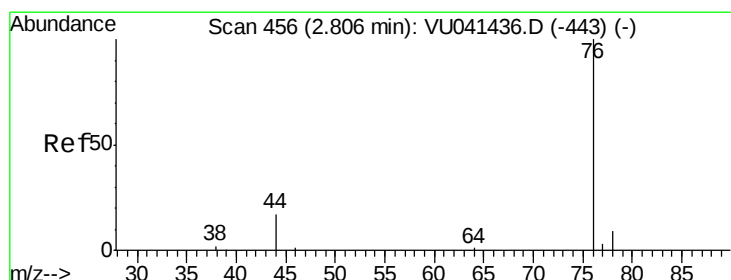
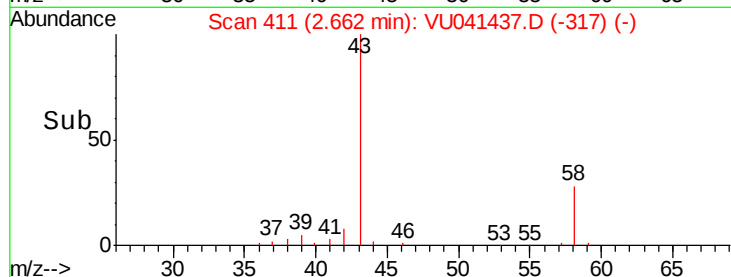
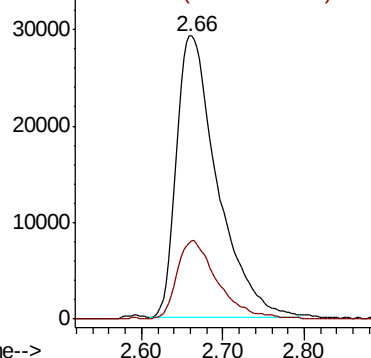
43 100

58 27.9 0.0 54.8



Abundance Ion 43.05 (42.75 to 43.75): VU041437.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU041437.D (-396) (-)



#14

Carbon disulfide

Concen: 9.879 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU041437.D

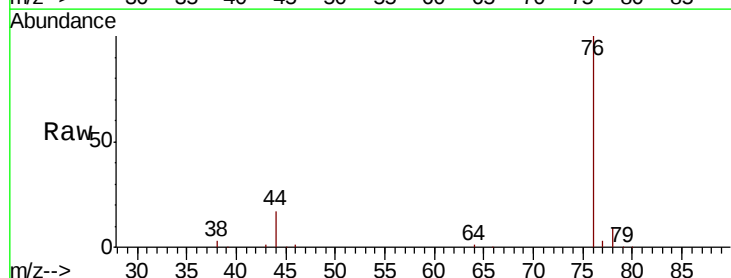
Acq: 30 Nov 2020 11:15

Tgt Ion: 76 Resp: 118934

Ion Ratio Lower Upper

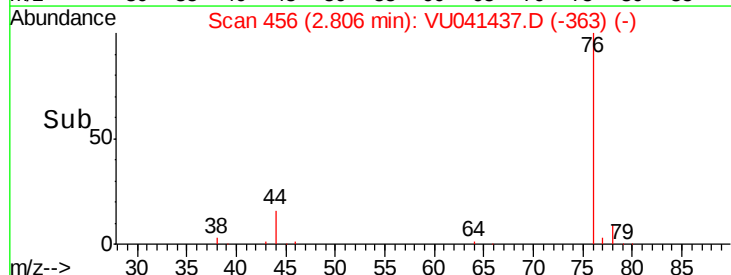
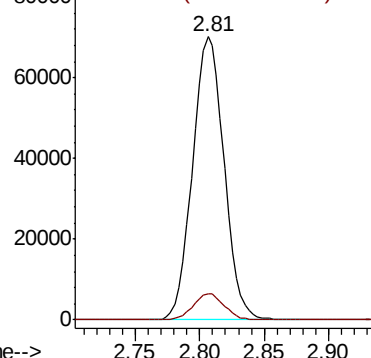
76 100

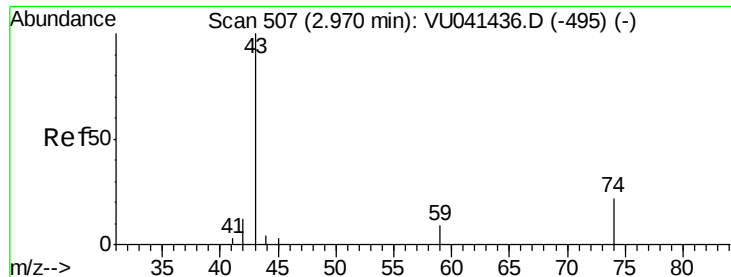
78 9.4 7.1 10.7



Abundance Ion 76.05 (75.75 to 76.75): VU041437.D (-363) (-)

Ion 78.00 (77.70 to 78.70): VU041437.D (-363) (-)

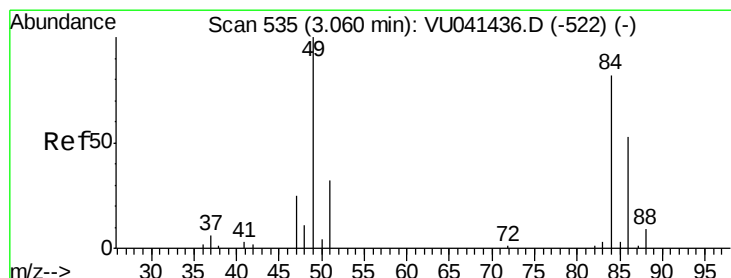
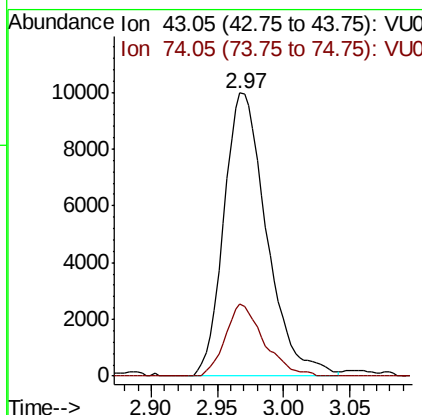
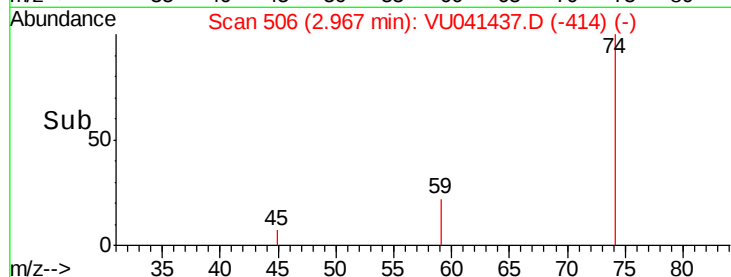
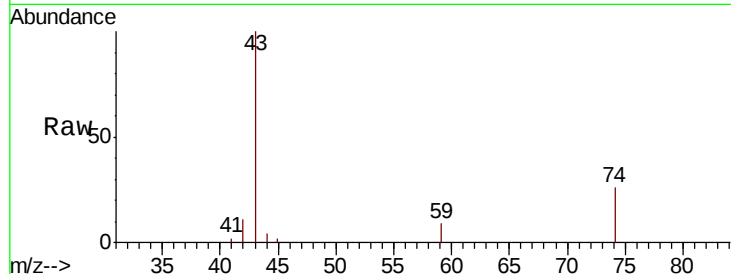




#15
Methyl Acetate
Concen: 10.804 ug/L
RT: 2.97 min Scan# 506
Delta R.T. -0.00 min
Lab File: VU041437.D
Acq: 30 Nov 2020 11:15

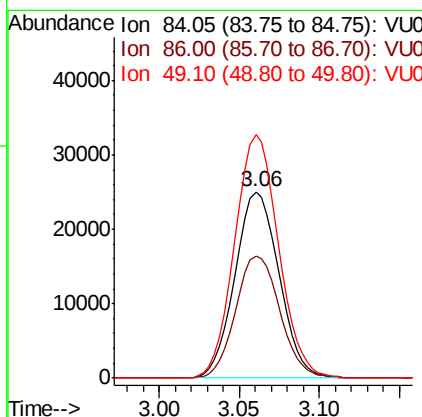
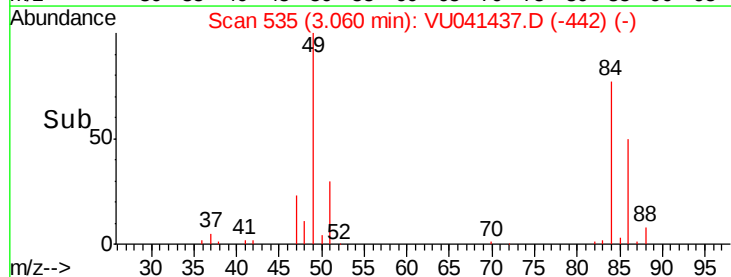
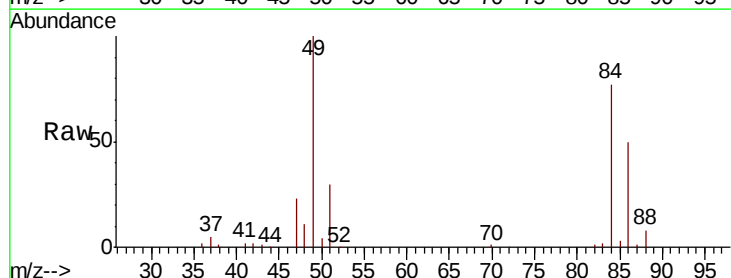
Instrument :
MSVOA_U
ClientSampleId :
VSTD010206

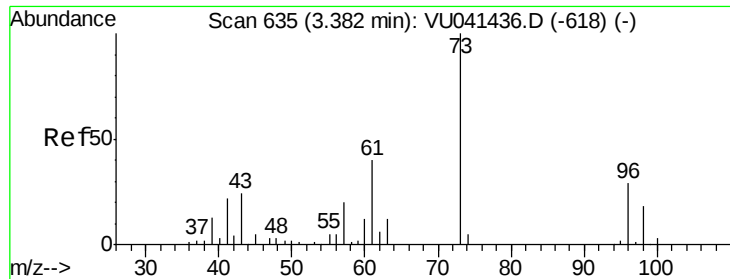
Tot Ion: 43 Resp: 22407
Ion Ratio Lower Upper
43 100
74 22.9 17.8 26.6



#16
Methylene chloride
Concen: 7.469 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU041437.D
Acq: 30 Nov 2020 11:15

Tgt Ion: 84 Resp: 47068
Ion Ratio Lower Upper
84 100
86 65.8 44.8 83.2
49 130.6 85.3 158.3

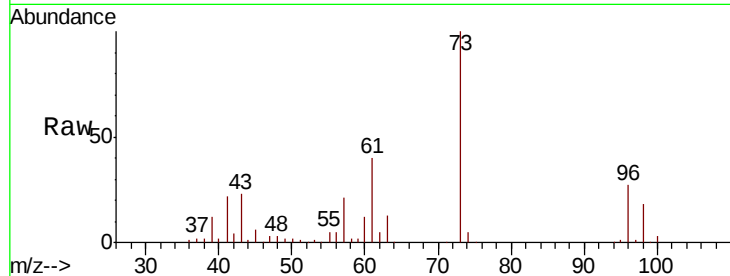




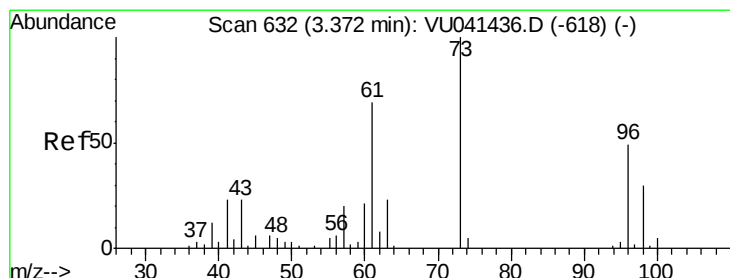
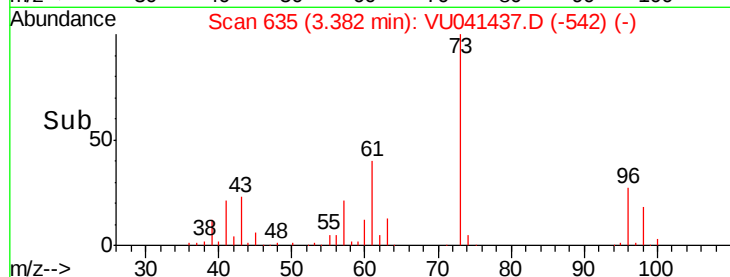
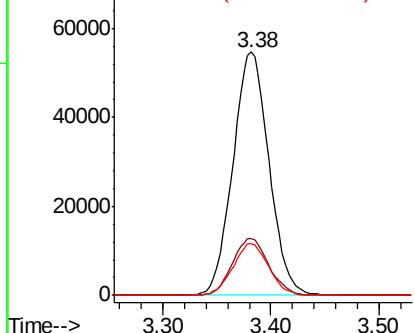
#17
Methvl tert-butvl Ether
Concen: 10.586 ug/L
RT: 3.38 min Scan# 635
Delta R.T. -0.00 min
Lab File: VU041437.D
Acq: 30 Nov 2020 11:15

Instrument :
MSVOA_U
ClientSampleId :
VSTD010206

Tot Ion: 73 Resp: 127424
Ion Ratio Lower Upper
73 100
43 23.6 19.2 28.8
57 21.1 16.5 24.7

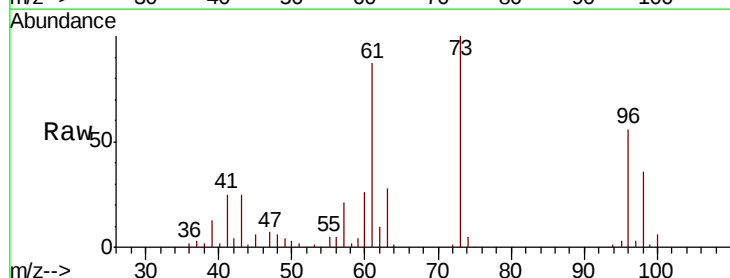


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

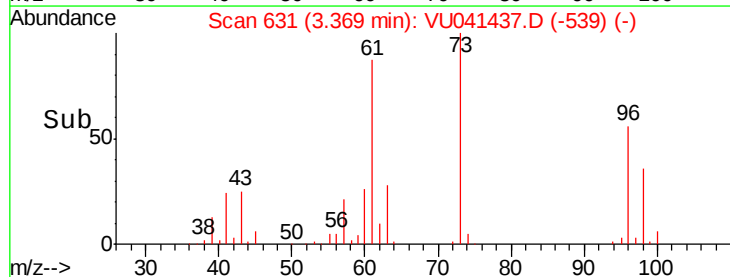
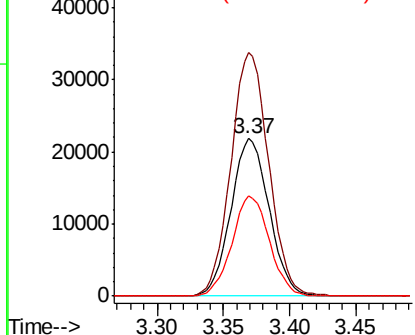


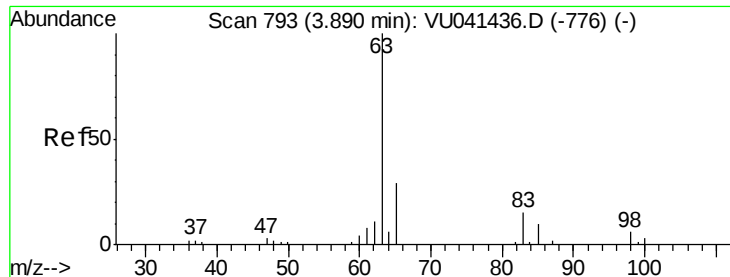
#18
trans-1,2-Dichloroethene
Concen: 10.331 ug/L
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU041437.D
Acq: 30 Nov 2020 11:15

Tgt Ion: 96 Resp: 43719
Ion Ratio Lower Upper
96 100
61 154.4 100.0 185.6
98 63.6 42.6 79.2



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

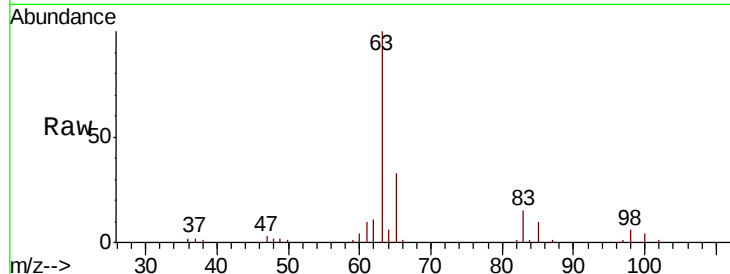




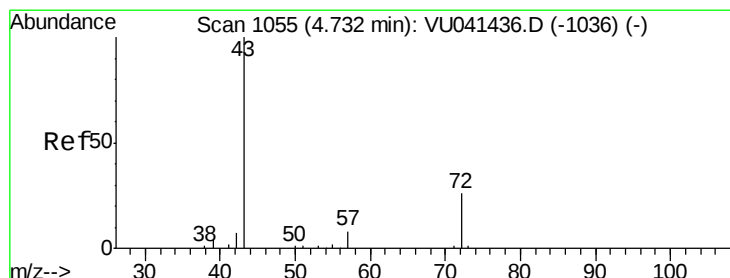
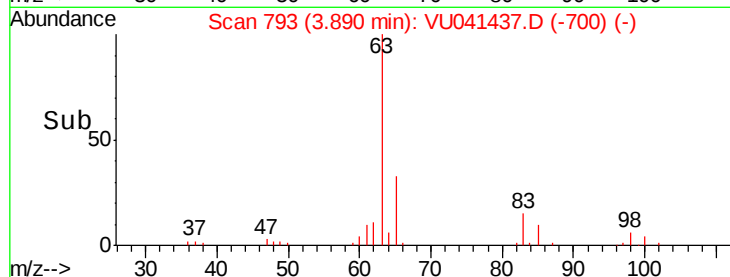
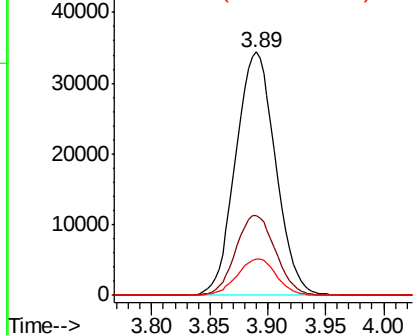
#19
 1,1-Dichloroethane
 Concen: 9.621 ug/L
 RT: 3.89 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: VU041437.D
 Acq: 30 Nov 2020 11:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010206

Tot Ion: 63 Resp: 82373
 Ion Ratio Lower Upper
 63 100
 65 32.8 20.2 37.6
 83 14.8 10.8 20.0

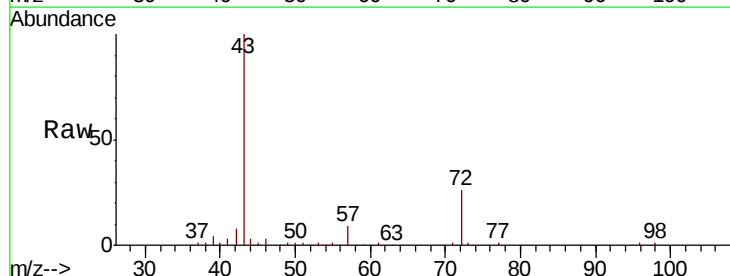


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

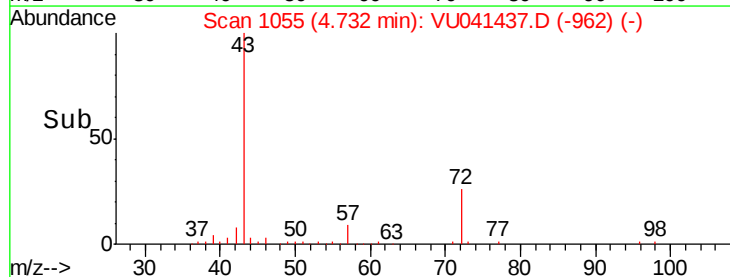
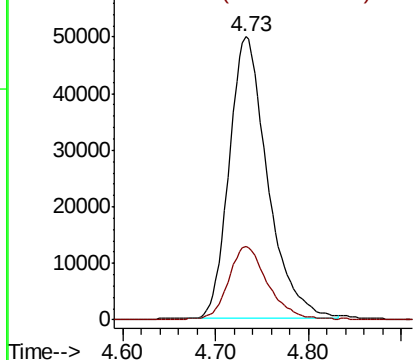


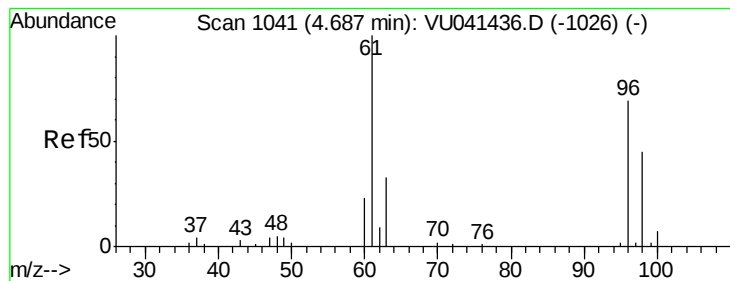
#21
 2-Butanone
 Concen: 98.179 ug/L
 RT: 4.73 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: VU041437.D
 Acq: 30 Nov 2020 11:15

Tgt Ion: 43 Resp: 142855
 Ion Ratio Lower Upper
 43 100
 72 27.0 12.9 38.6



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 72.10 (71.80 to 72.80): VU0





#22

cis-1,2-Dichloroethene

Concen: 9.718 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VU041437.D

Acq: 30 Nov 2020 11:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD010206

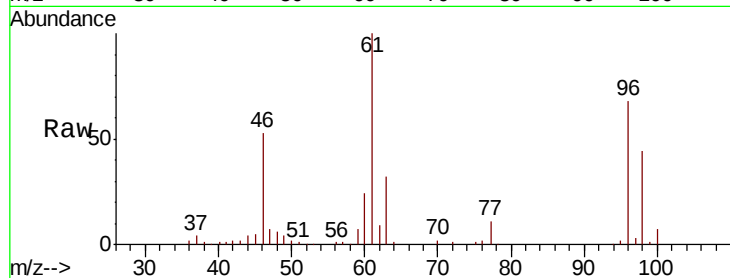
Tot Ion: 96 Resp: 46377

Ion Ratio Lower Upper

96 100

61 147.7 102.2 189.8

98 65.3 45.6 84.6

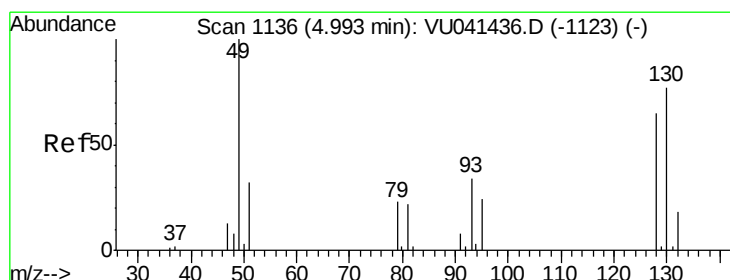
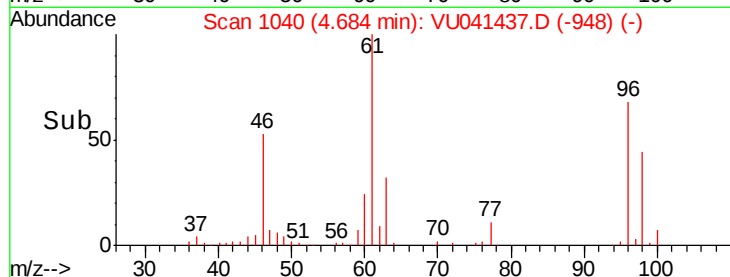
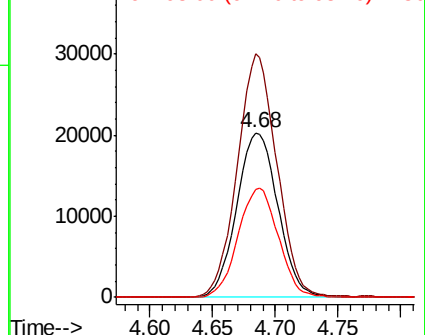


Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 98.00 (97.70 to 98.70): VU0



#23

Bromochloromethane

Concen: 9.898 ug/L

RT: 4.99 min Scan# 1136

Delta R.T. -0.00 min

Lab File: VU041437.D

Acq: 30 Nov 2020 11:15

Tgt Ion:128 Resp: 22713

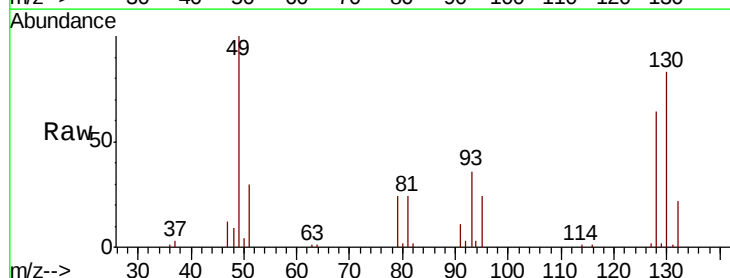
Ion Ratio Lower Upper

128 100

49 156.1 110.3 204.9

130 130.3 84.4 156.8

51 47.6 39.3 58.9



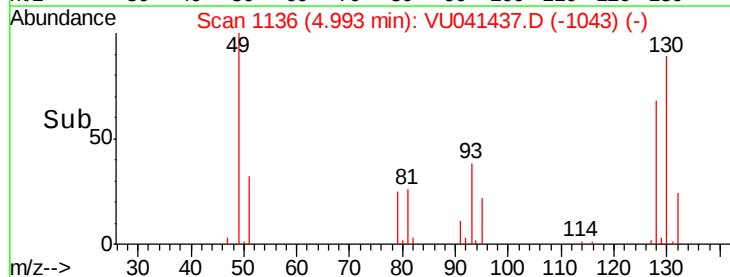
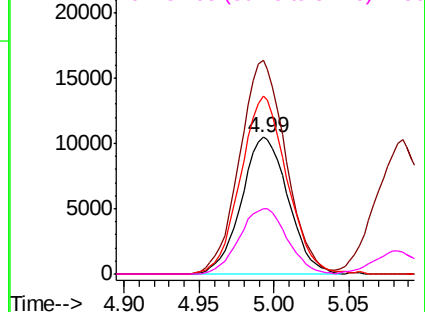
Abundance

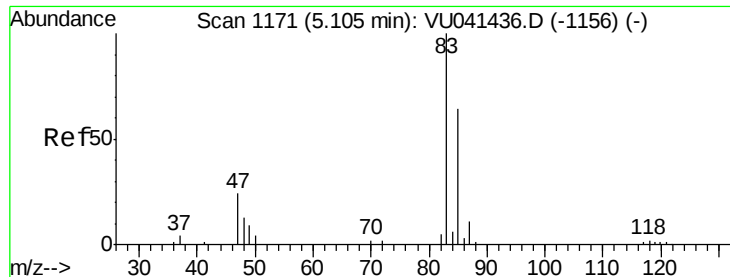
Ion 127.90 (127.60 to 128.60): V

Ion 49.10 (48.80 to 49.80): VU0

Ion 129.95 (129.65 to 130.65): V

Ion 51.05 (50.75 to 51.75): VU0

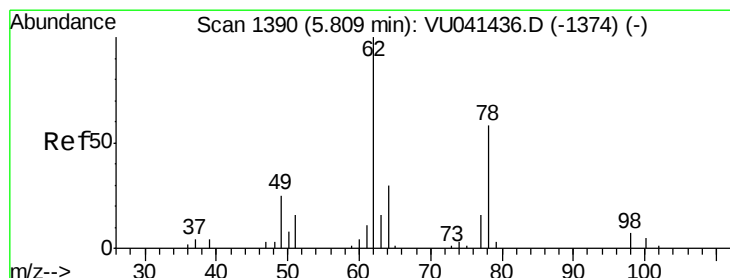
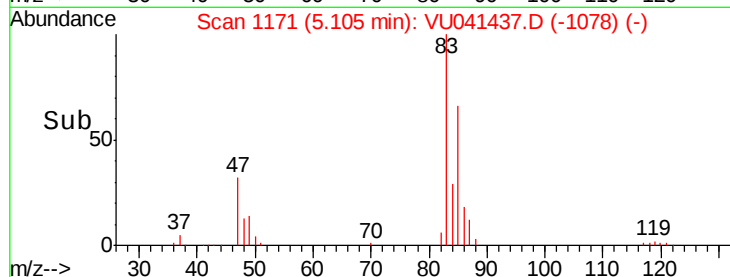
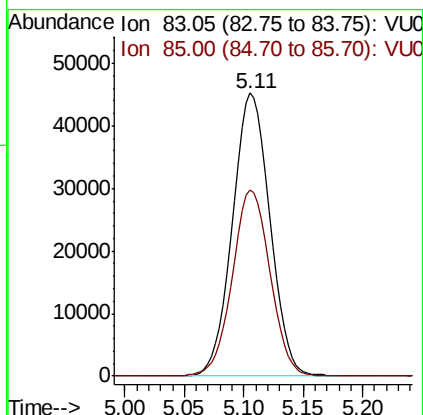
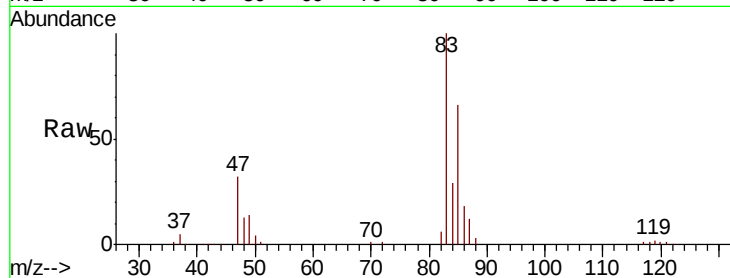




#25
Chloroform
Concen: 9.751 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU041437.D
Acq: 30 Nov 2020 11:15

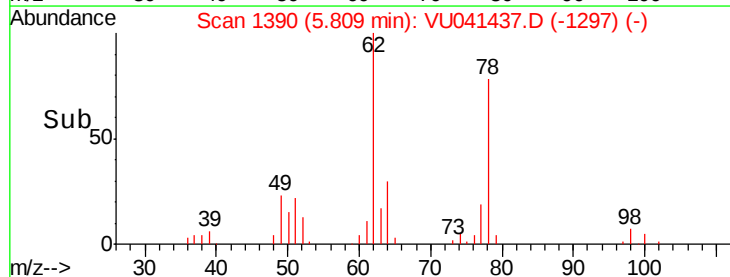
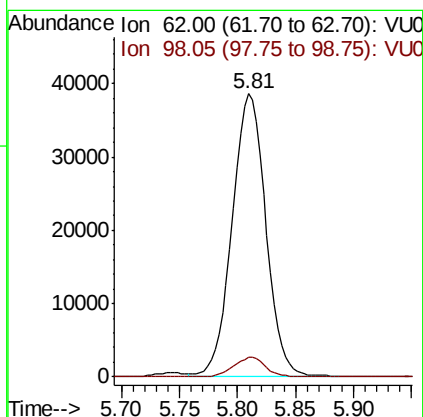
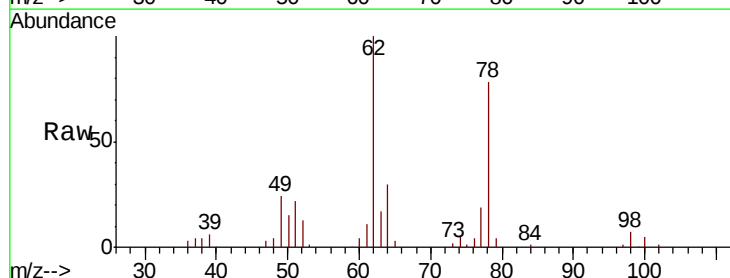
Instrument :
MSVOA_U
ClientSampleId :
VSTD010206

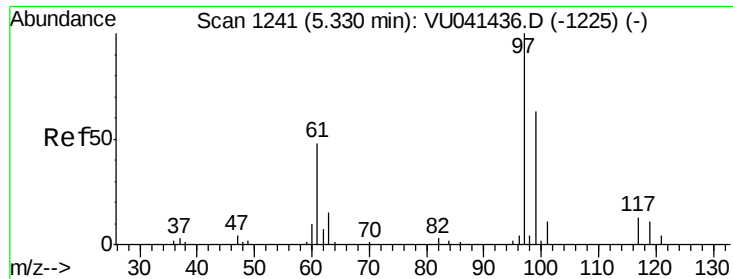
Tot Ion: 83 Resp: 98706
Ion Ratio Lower Upper
83 100
85 66.0 44.6 82.8



#27
1,2-Dichloroethane
Concen: 10.526 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU041437.D
Acq: 30 Nov 2020 11:15

Tgt Ion: 62 Resp: 78188
Ion Ratio Lower Upper
62 100
98 6.8 5.4 8.0

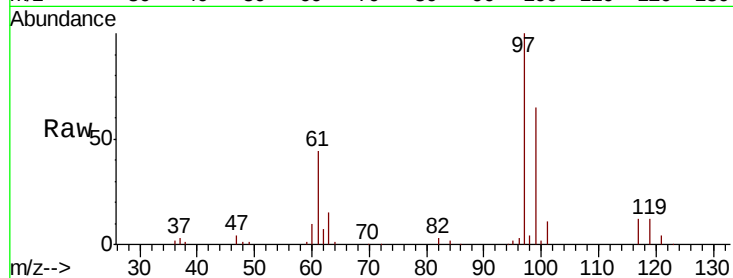




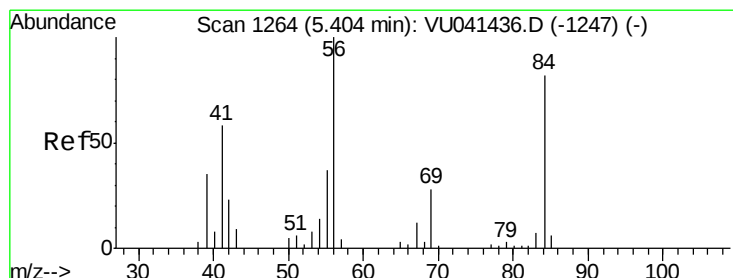
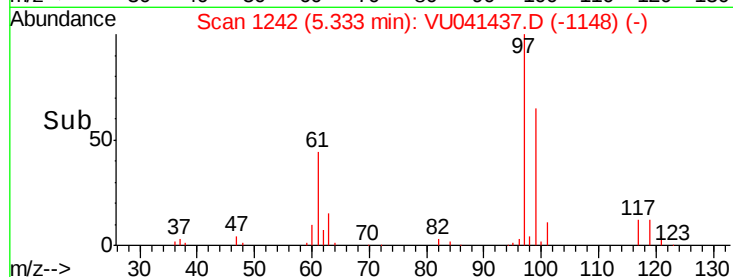
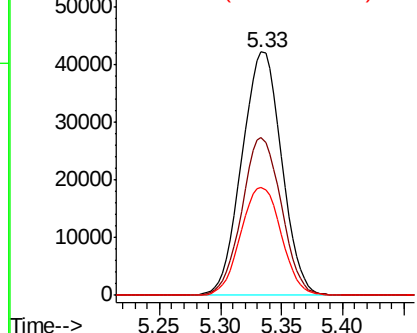
#29
 1,1,1-Trichloroethane
 Concen: 10.622 ug/L
 RT: 5.33 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VU041437.D
 Acq: 30 Nov 2020 11:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010206

Tot Ion: 97 Resp: 95279
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.0 76.6
 61 45.3 38.1 57.1

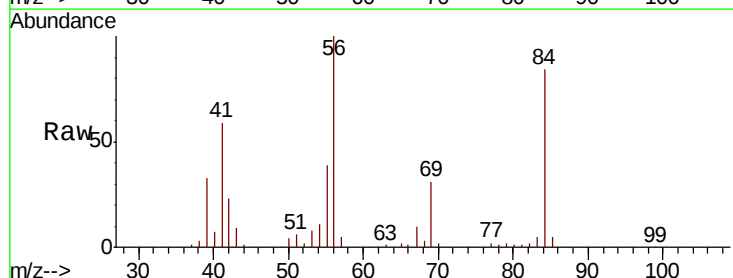


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

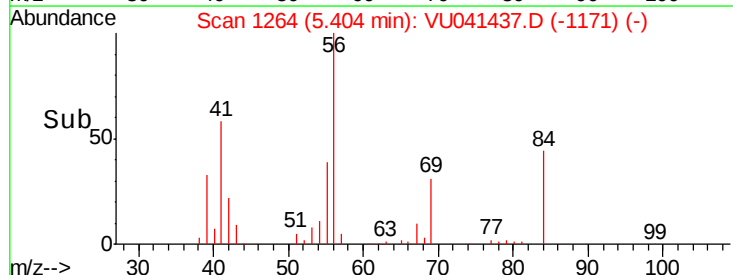
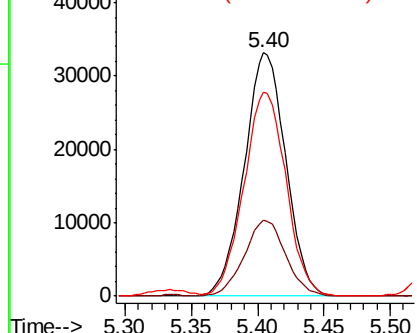


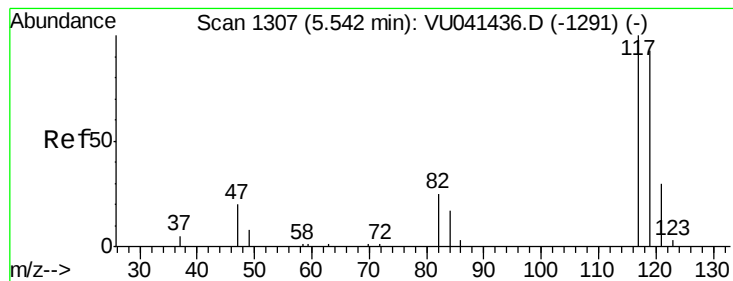
#30
 Cyclohexane
 Concen: 11.310 ug/L
 RT: 5.40 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: VU041437.D
 Acq: 30 Nov 2020 11:15

Tgt Ion: 56 Resp: 72214
 Ion Ratio Lower Upper
 56 100
 69 31.0 23.2 34.8
 84 85.3 67.8 101.6



Abundance Ion 56.10 (55.80 to 56.80): VU0
 Ion 69.15 (68.85 to 69.85): VU0
 Ion 84.15 (83.85 to 84.85): VU0





#31

Carbon tetrachloride

Concen: 10.690 ug/L

RT: 5.54 min Scan# 1307

Delta R.T. -0.00 min

Lab File: VU041437.D

Acq: 30 Nov 2020 11:15

Instrument :

MSVOA_U

ClientSampleId :

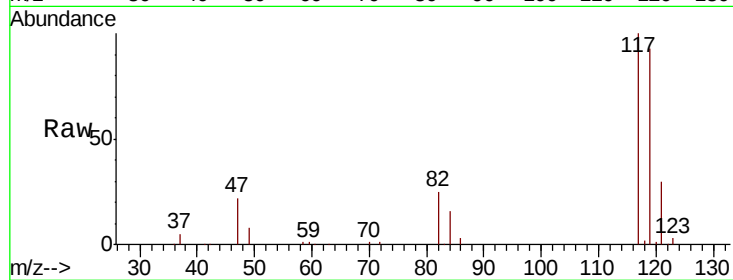
VSTD010206

Tot Ion:117 Resp: 87124

Ion Ratio Lower Upper

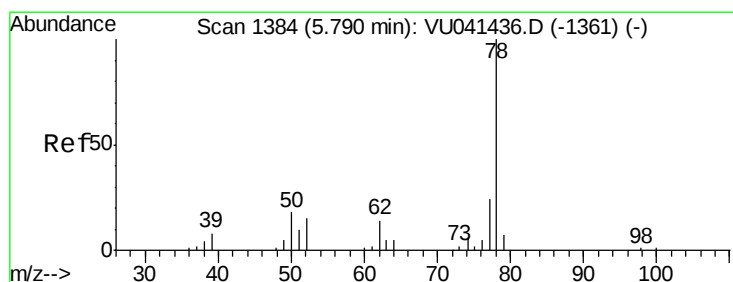
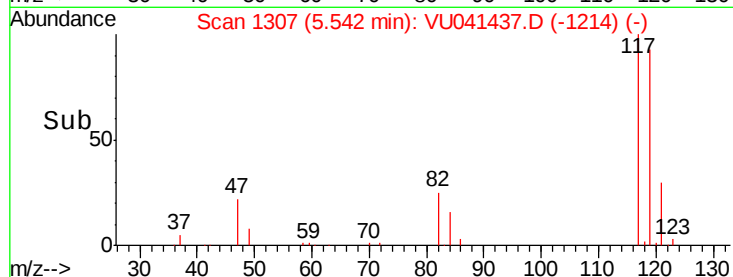
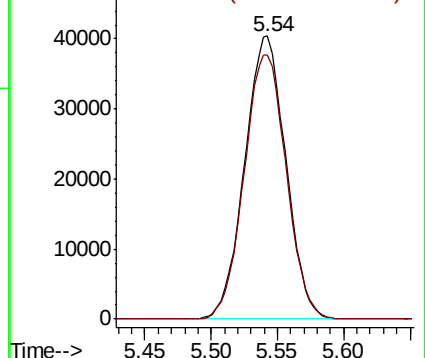
117 100

119 95.7 75.8 113.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 10.802 ug/L

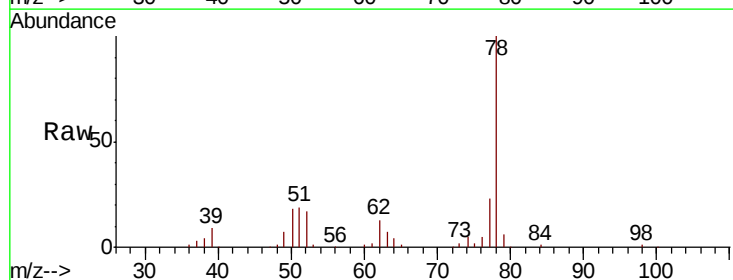
RT: 5.79 min Scan# 1384

Delta R.T. -0.00 min

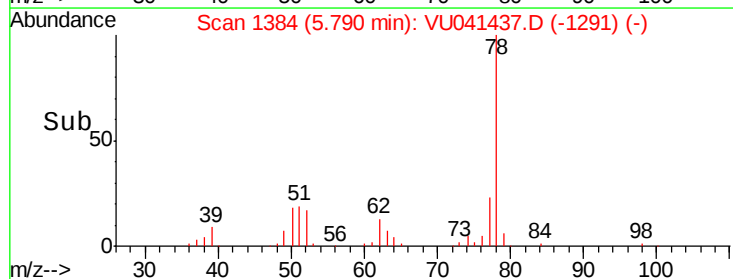
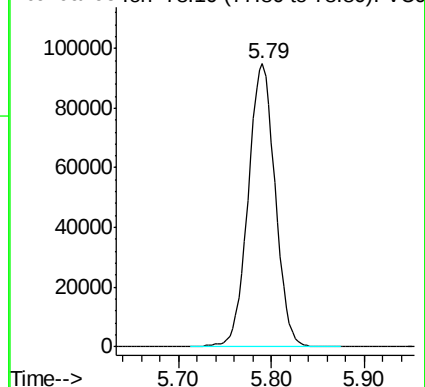
Lab File: VU041437.D

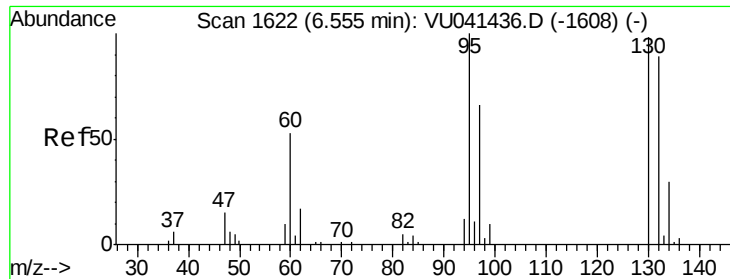
Acq: 30 Nov 2020 11:15

Tgt Ion: 78 Resp: 191395



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 11.004 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU041437.D

Acq: 30 Nov 2020 11:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD010206

Tot Ion: 95 Resp: 52163

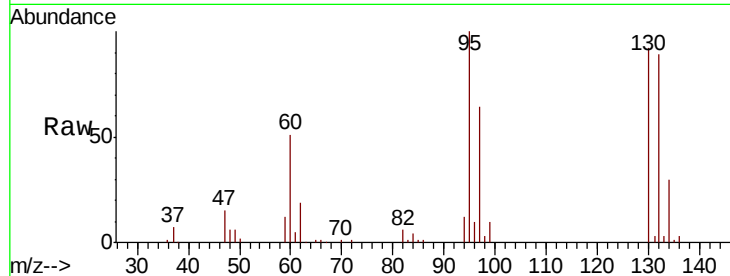
Ion Ratio Lower Upper

95 100

97 63.6 46.4 86.2

132 89.2 62.2 115.6

130 91.9 68.7 127.5

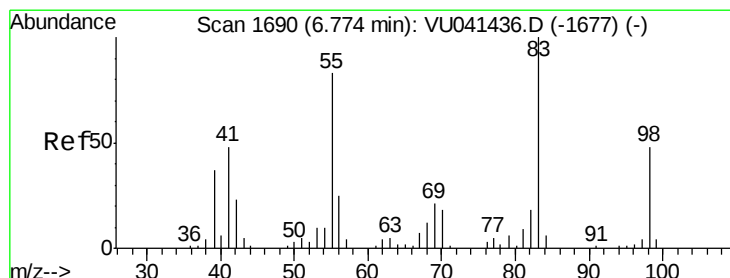
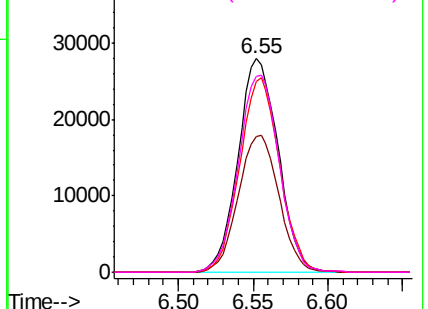
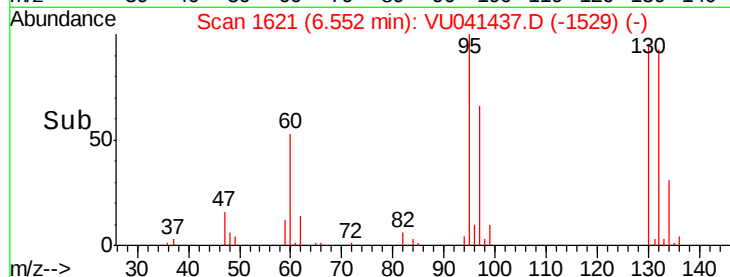


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 11.528 ug/L

RT: 6.77 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VU041437.D

Acq: 30 Nov 2020 11:15

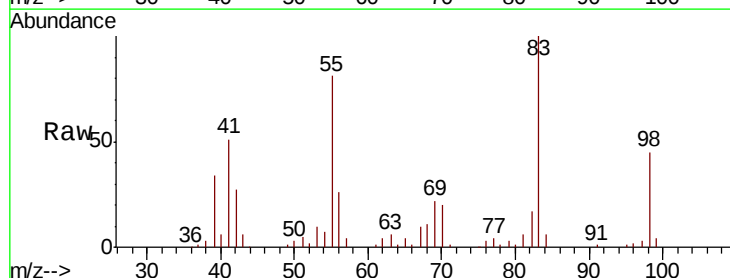
Tgt Ion: 83 Resp: 75684

Ion Ratio Lower Upper

83 100

55 81.5 67.0 100.6

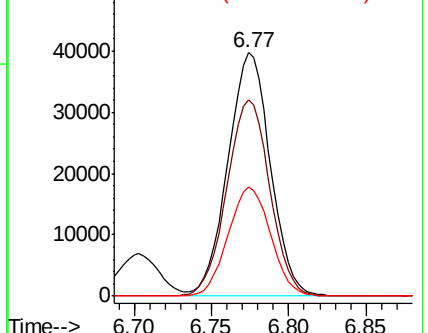
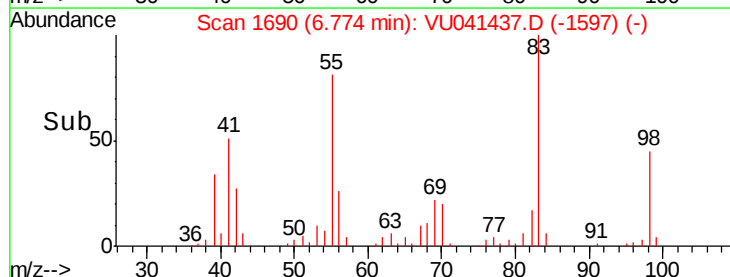
98 45.0 38.2 57.4

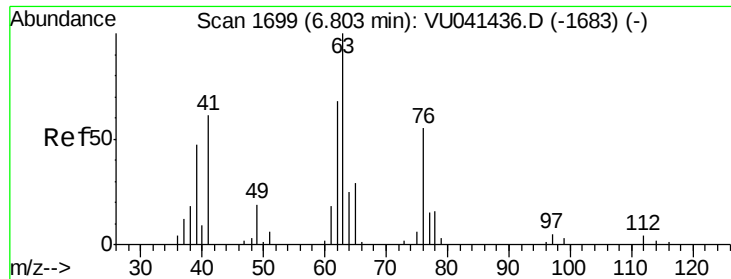


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

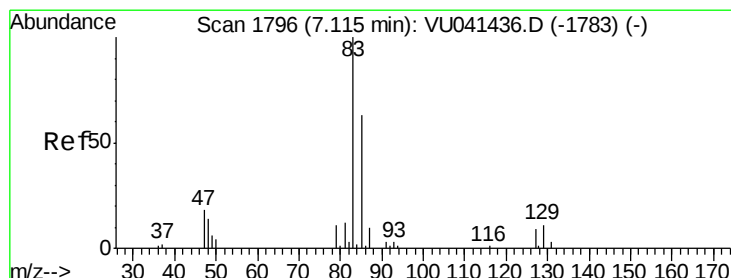
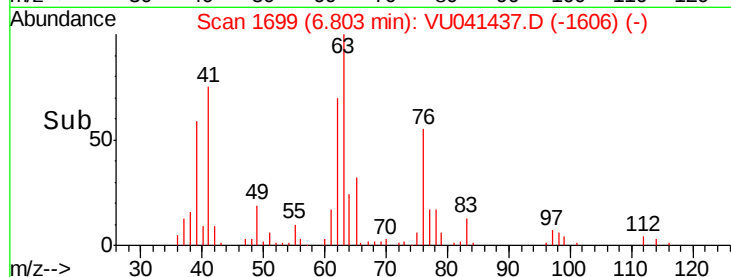
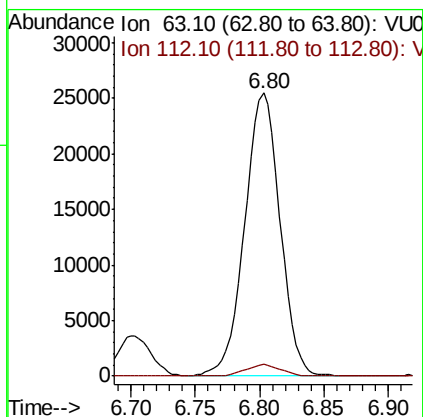
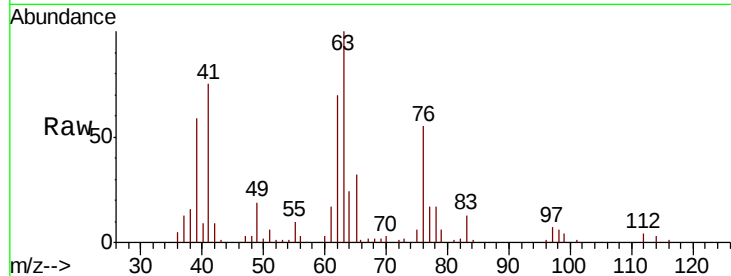




#37
 1,2-Dichloropropane
 Concen: 10.933 ug/L
 RT: 6.80 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: VU041437.D
 Acq: 30 Nov 2020 11:15

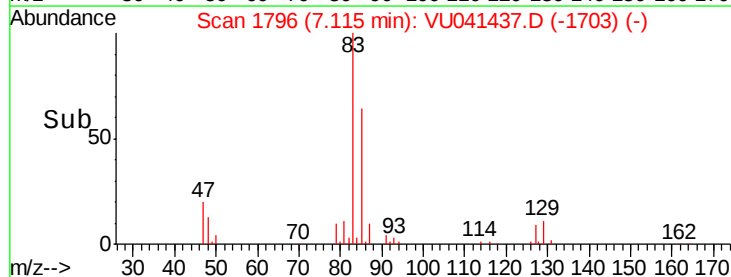
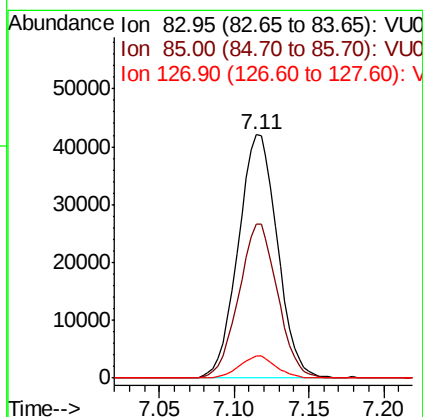
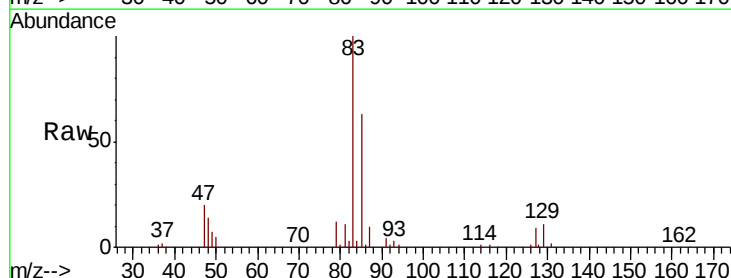
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010206

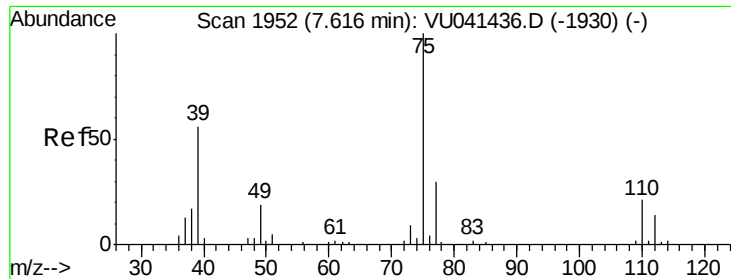
Tot Ion: 63 Resp: 48878
 Ion Ratio Lower Upper
 63 100
 112 4.1 3.2 4.8



#38
 Bromodichloromethane
 Concen: 10.844 ug/L
 RT: 7.11 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VU041437.D
 Acq: 30 Nov 2020 11:15

Tgt Ion: 83 Resp: 76725
 Ion Ratio Lower Upper
 83 100
 85 63.4 44.2 82.2
 127 9.0 7.0 10.6

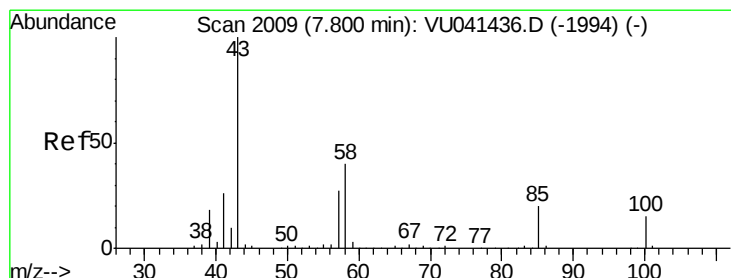
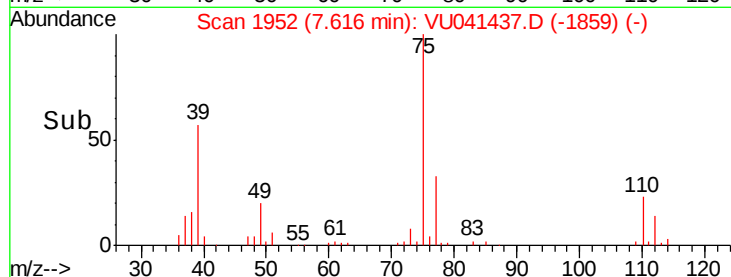
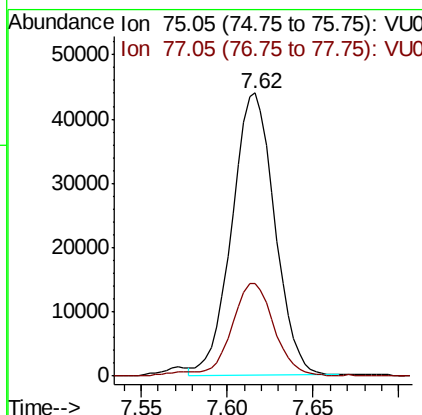
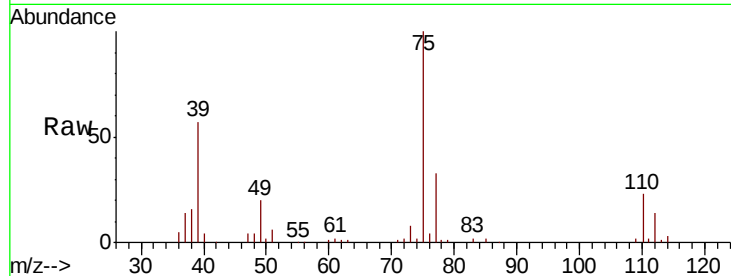




#39
 cis-1,3-Dichloropropene
 Concen: 10.892 ug/L
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU041437.D
 Acq: 30 Nov 2020 11:15

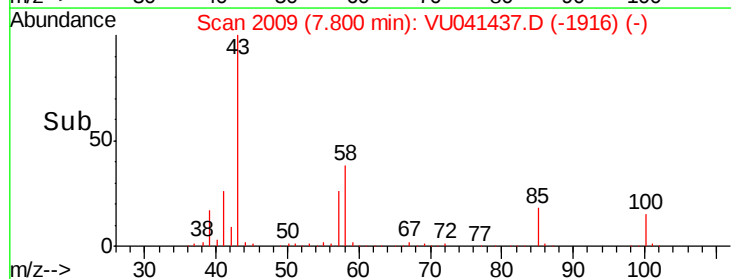
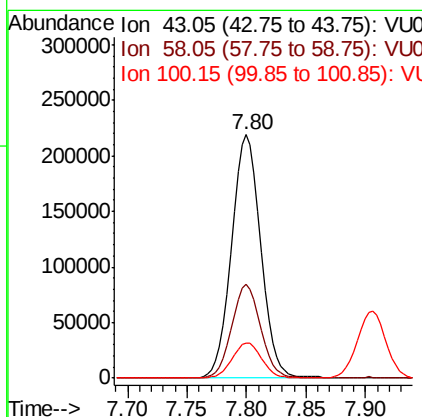
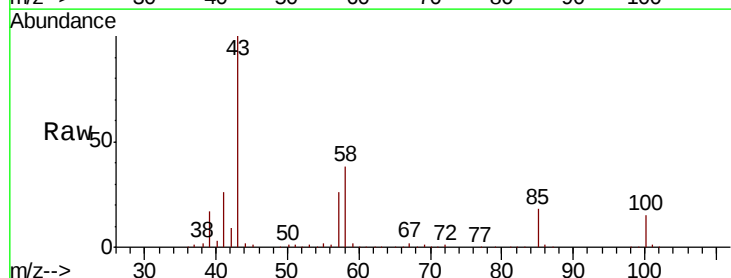
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010206

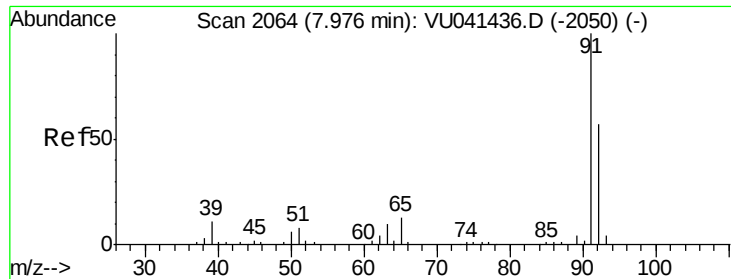
Tot Ion: 75 Resp: 76317
 Ion Ratio Lower Upper
 75 100
 77 33.0 21.0 39.0



#40
 4-Methyl-2-pentanone
 Concen: 117.818 ug/L
 RT: 7.80 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: VU041437.D
 Acq: 30 Nov 2020 11:15

Tgt Ion: 43 Resp: 373087
 Ion Ratio Lower Upper
 43 100
 58 38.2 30.5 45.7
 100 14.7 12.1 18.1





#42

Toluene

Concen: 11.118 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU041437.D

Acq: 30 Nov 2020 11:15

Instrument :

MSVOA_U

ClientSampleId :

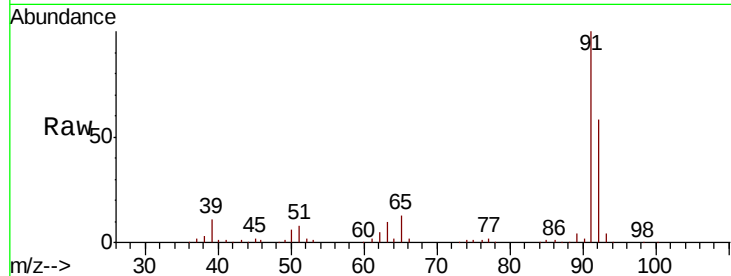
VSTD010206

Tot Ion: 91 Resp: 211049

Ion Ratio Lower Upper

91 100

92 58.5 39.7 73.7



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.98

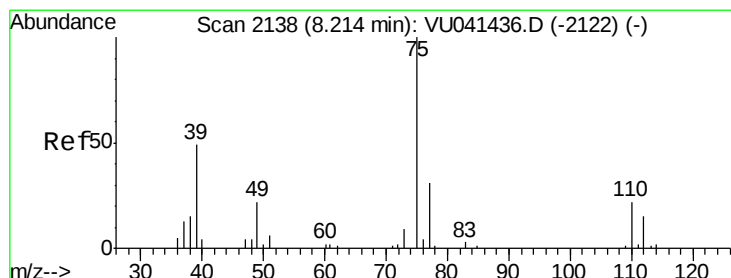
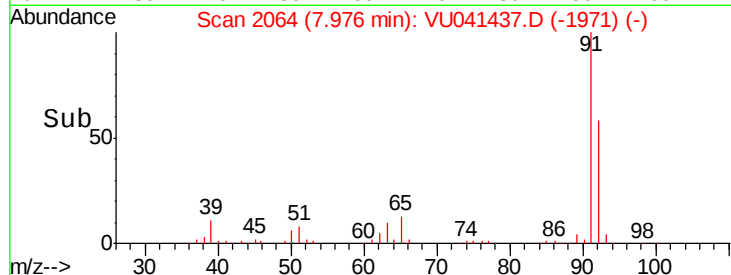
150000

100000

50000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 11.279 ug/L

RT: 8.21 min Scan# 2138

Delta R.T. -0.00 min

Lab File: VU041437.D

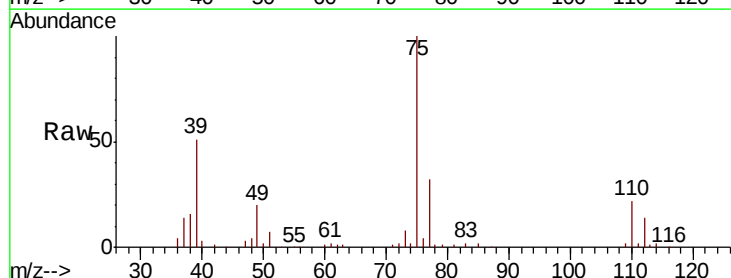
Acq: 30 Nov 2020 11:15

Tgt Ion: 75 Resp: 76714

Ion Ratio Lower Upper

75 100

77 31.8 21.5 39.9



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.21

50000

40000

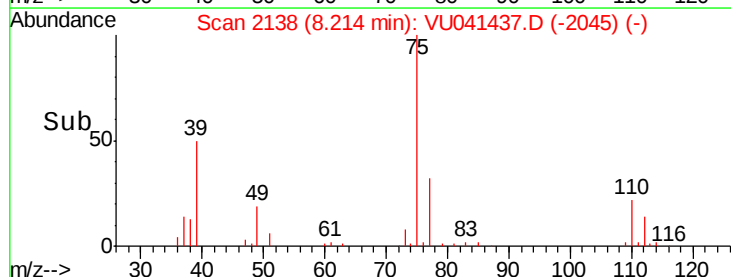
30000

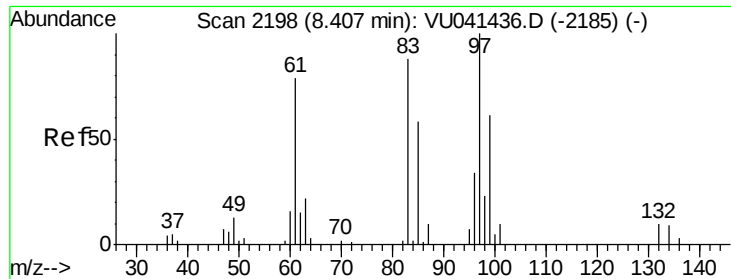
20000

10000

0

Time-->

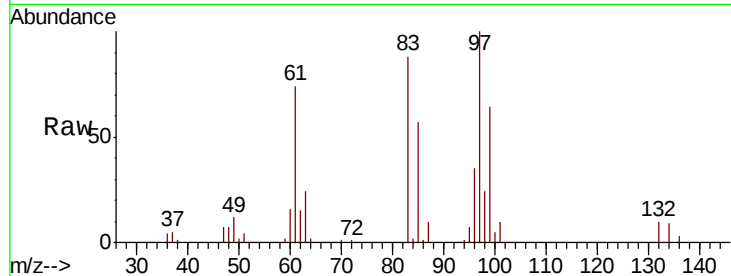




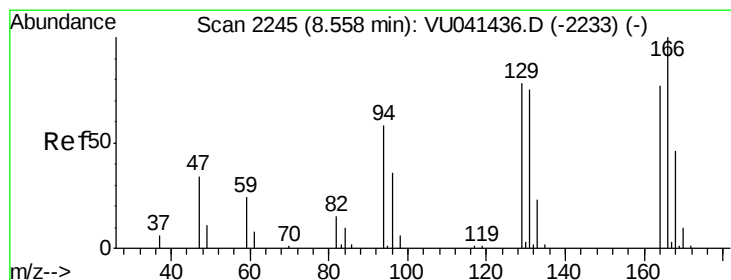
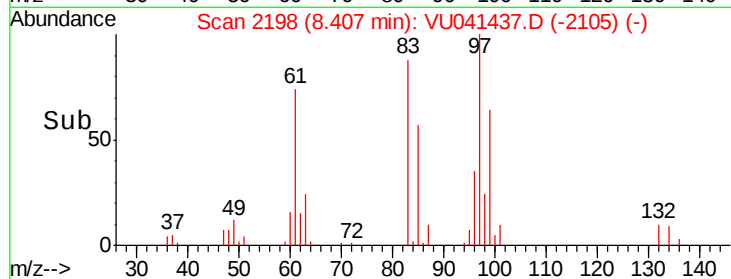
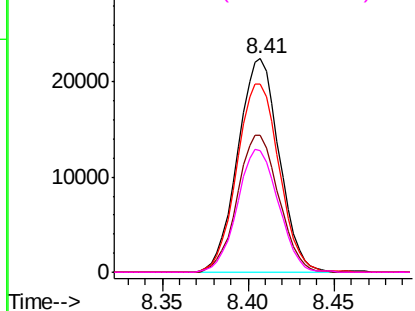
#45
 1,1,2-Trichloroethane
 Concen: 10.507 ug/L
 RT: 8.41 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU041437.D
 Acq: 30 Nov 2020 11:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010206

Tot Ion:	97	Resp:	37748
Ion	Ratio	Lower	Upper
97	100		
99	63.9	42.8	79.4
83	87.9	61.9	114.9
85	56.9	40.7	75.7

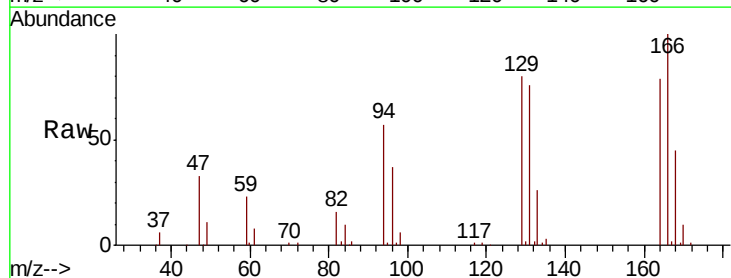


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0

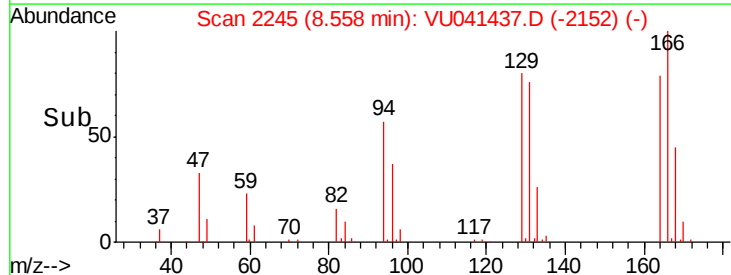
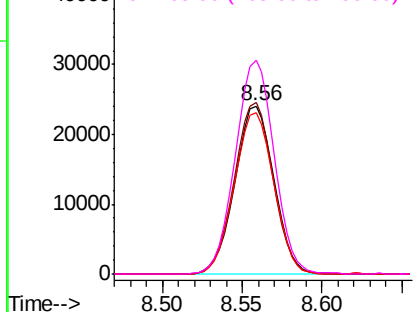


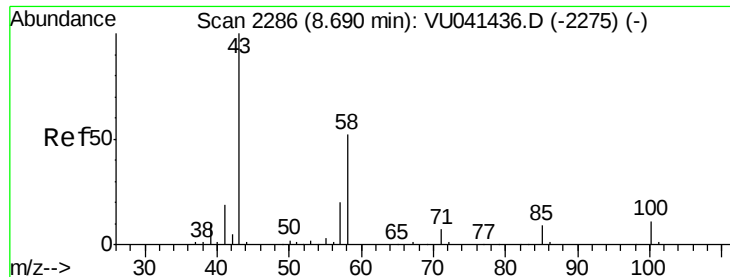
#47
 Tetrachloroethene
 Concen: 10.834 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: VU041437.D
 Acq: 30 Nov 2020 11:15

Tgt Ion:	164	Resp:	39893
Ion	Ratio	Lower	Upper
164	100		
129	101.7	71.3	132.5
131	96.0	68.3	126.8
166	126.9	91.0	169.0



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

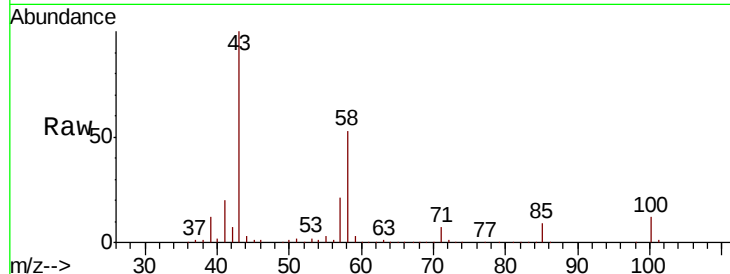




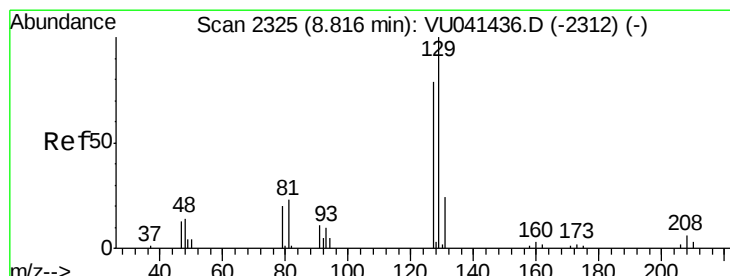
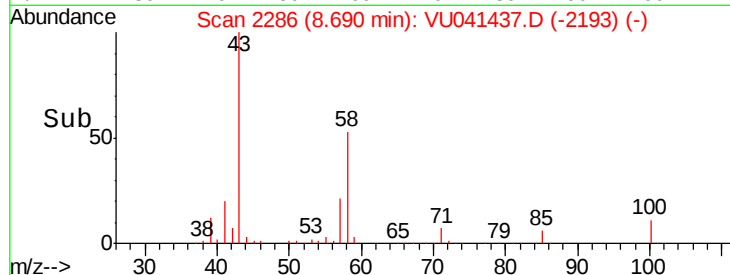
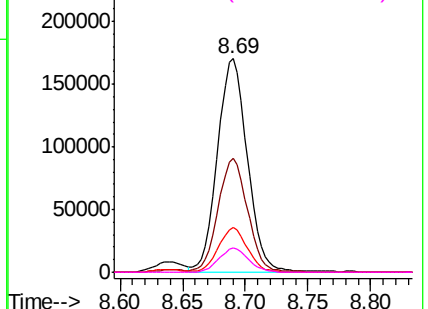
#48
2-Hexanone
Concen: 114.204 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. -0.00 min
Lab File: VU041437.D
Acq: 30 Nov 2020 11:15

Instrument :
MSVOA_U
ClientSampleId :
VSTD010206

Tot Ion: 43 Resp: 280573
Ion Ratio Lower Upper
43 100
58 52.4 42.0 63.0
57 20.3 16.0 24.0
100 11.3 8.9 13.3

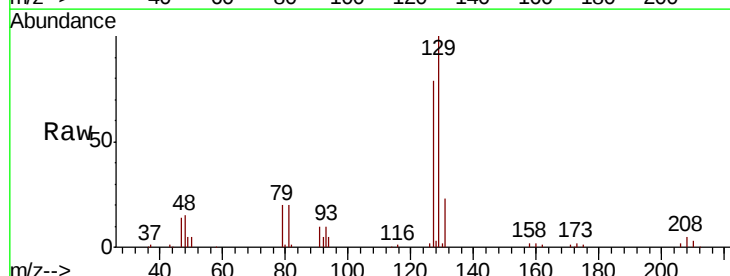


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

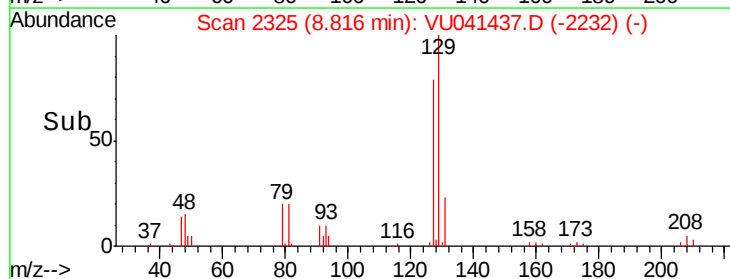
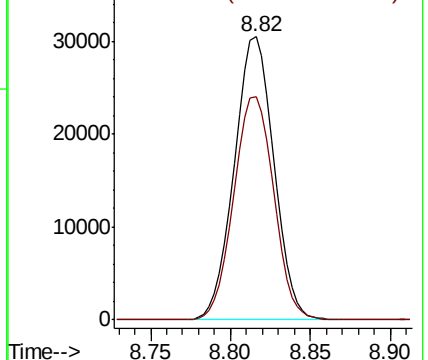


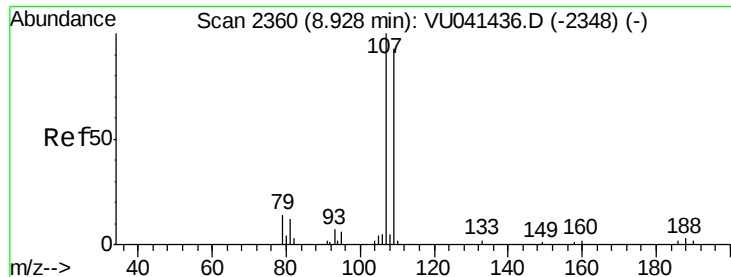
#49
Dibromochloromethane
Concen: 10.804 ug/L
RT: 8.82 min Scan# 2325
Delta R.T. -0.00 min
Lab File: VU041437.D
Acq: 30 Nov 2020 11:15

Tgt Ion: 129 Resp: 51453
Ion Ratio Lower Upper
129 100
127 78.7 55.4 102.8



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

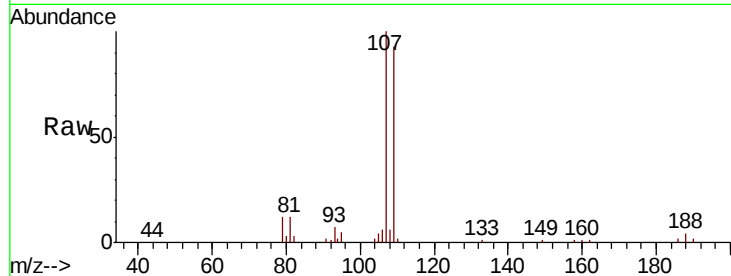




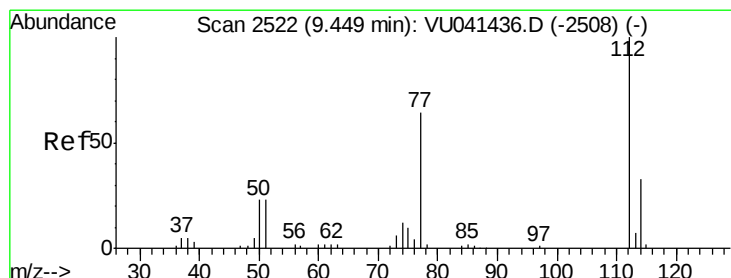
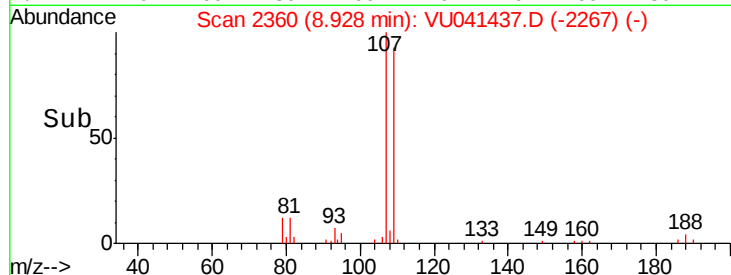
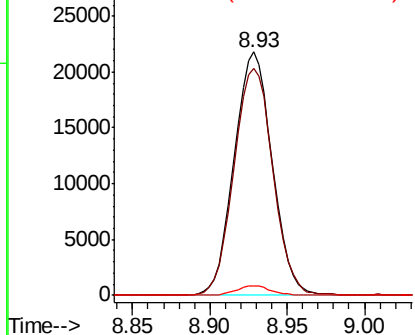
#50
1,2-Dibromoethane
Concen: 10.494 ug/L
RT: 8.93 min Scan# 2360
Delta R.T. -0.00 min
Lab File: VU041437.D
Acq: 30 Nov 2020 11:15

Instrument :
MSVOA_U
ClientSampleId :
VSTD010206

Tot Ion:107 Resp: 37164
Ion Ratio Lower Upper
107 100
109 93.1 65.2 121.2
188 4.0 2.7 4.1

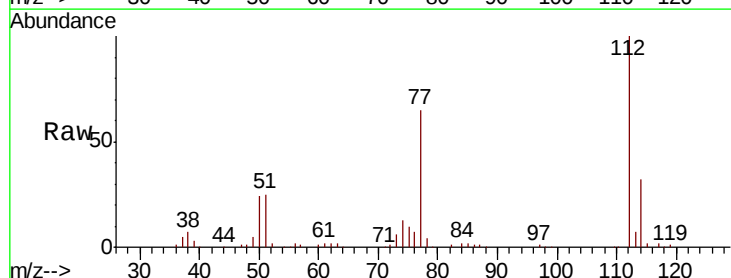


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

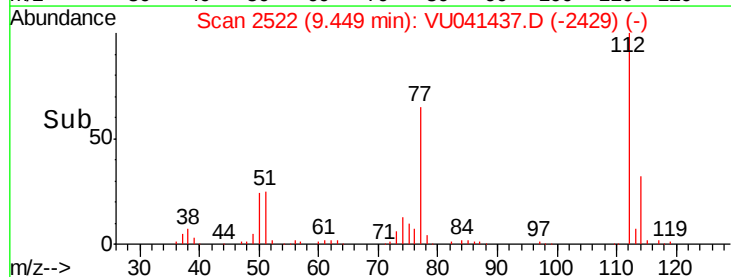
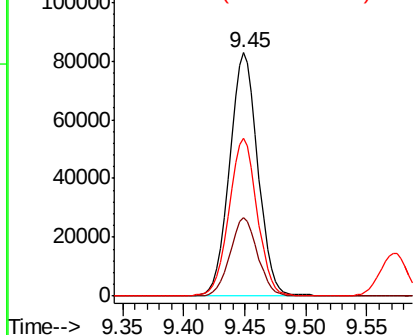


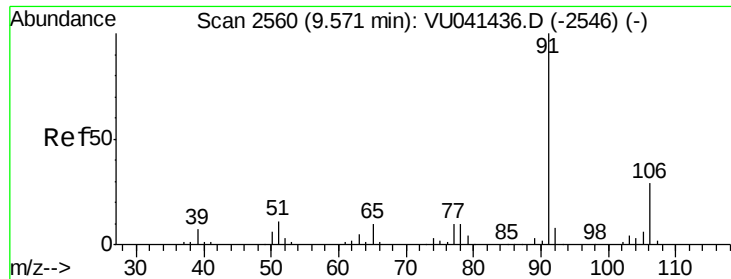
#51
Chlorobenzene
Concen: 10.407 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU041437.D
Acq: 30 Nov 2020 11:15

Tgt Ion:112 Resp: 133898
Ion Ratio Lower Upper
112 100
114 32.2 23.0 42.8
77 65.0 51.8 77.6



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V





#52

Ethylbenzene

Concen: 11.087 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU041437.D

Acq: 30 Nov 2020 11:15

Instrument :

MSVOA_U

ClientSampleId :

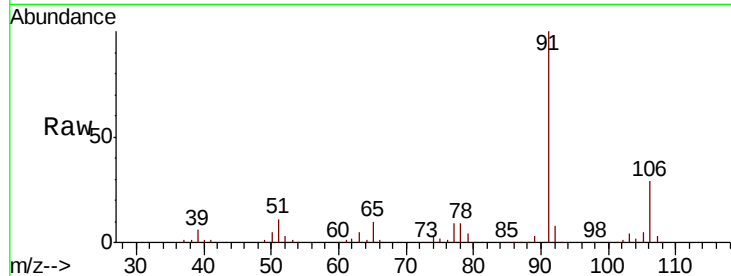
VSTD010206

Tot Ion: 91 Resp: 241265

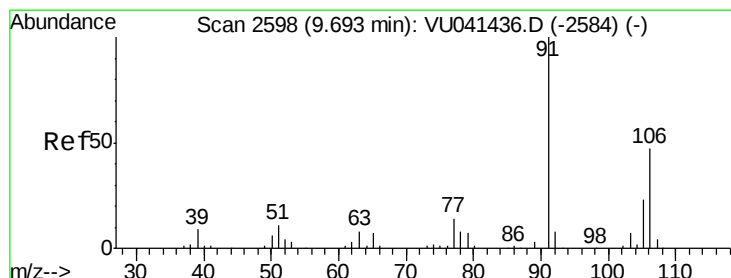
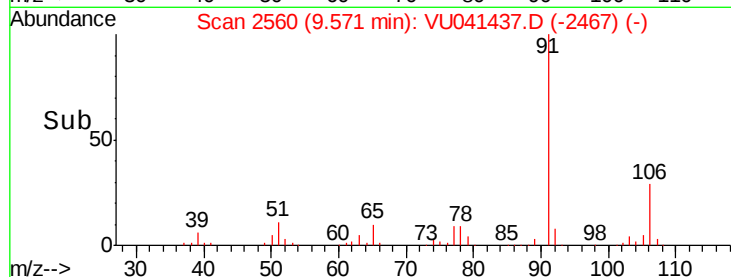
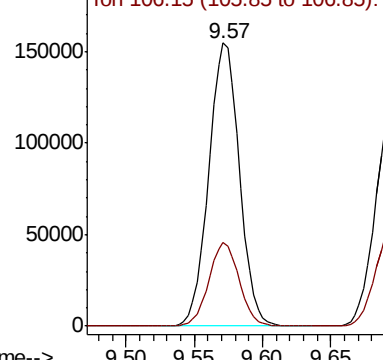
Ion Ratio Lower Upper

91 100

106 29.4 20.0 37.2



Abundance Ion 91.15 (90.85 to 91.85): VU041436.D (-2546) (-)



#53

m,p-Xylene

Concen: 11.322 ug/L

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU041437.D

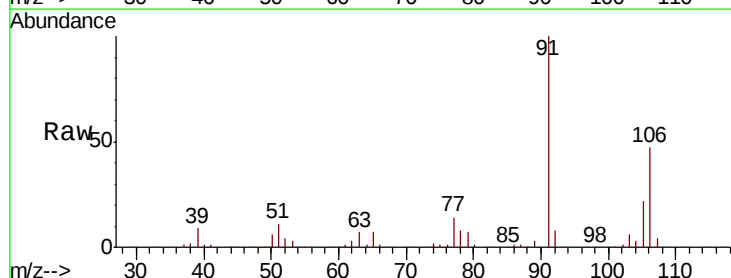
Acq: 30 Nov 2020 11:15

Tgt Ion: 106 Resp: 89073

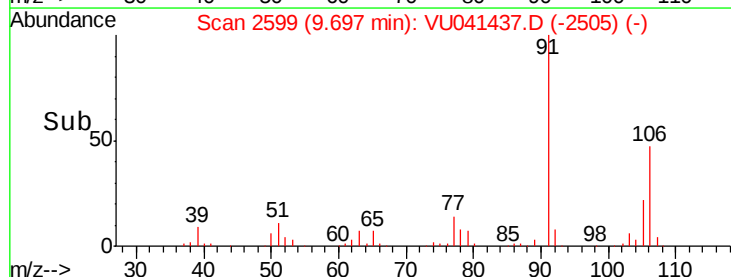
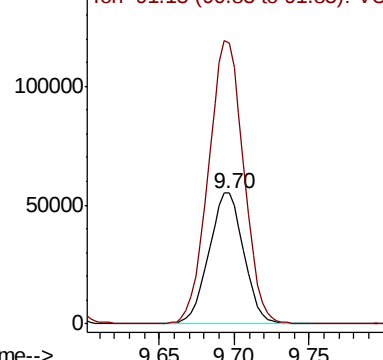
Ion Ratio Lower Upper

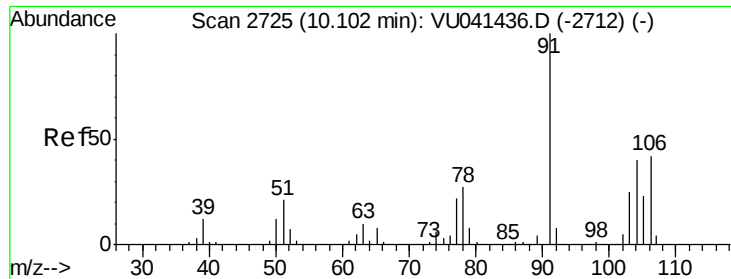
106 100

91 215.0 148.6 276.0



Abundance Ion 106.15 (105.85 to 106.85): VU041436.D (-2584) (-)





#54

o-Xylene

Concen: 11.458 ug/L

RT: 10.10 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VU041437.D

Acq: 30 Nov 2020 11:15

Instrument :

MSVOA_U

ClientSampleId :

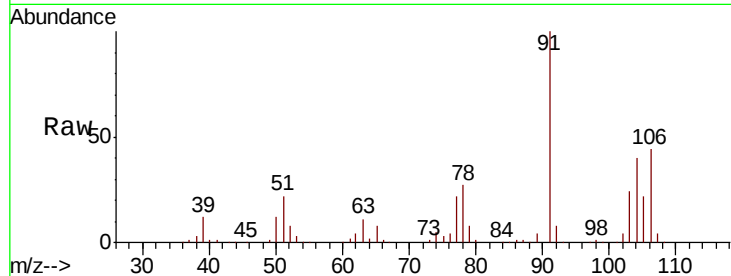
VSTD010206

Tot Ion:106 Resp: 86648

Ion Ratio Lower Upper

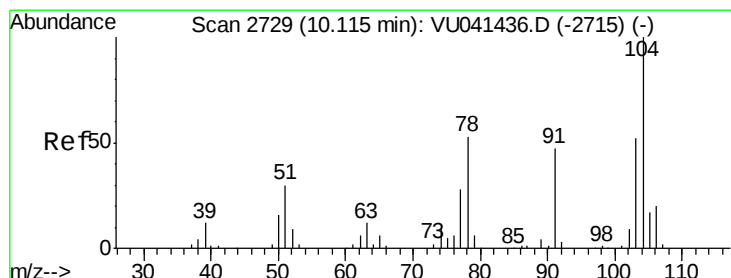
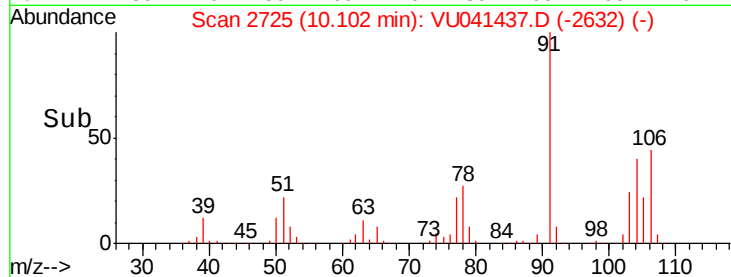
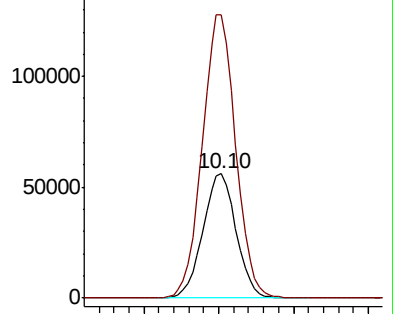
106 100

91 227.4 166.9 310.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#55

Styrene

Concen: 11.585 ug/L

RT: 10.11 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VU041437.D

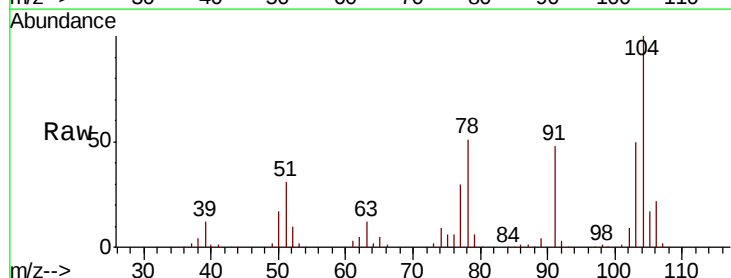
Acq: 30 Nov 2020 11:15

Tgt Ion:104 Resp: 154964

Ion Ratio Lower Upper

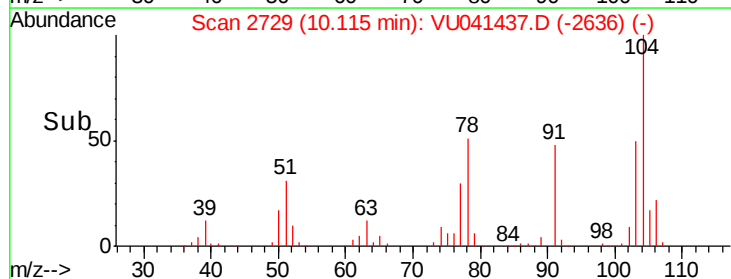
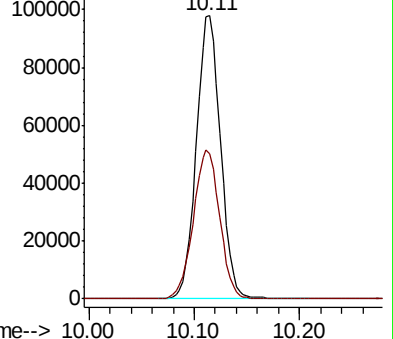
104 100

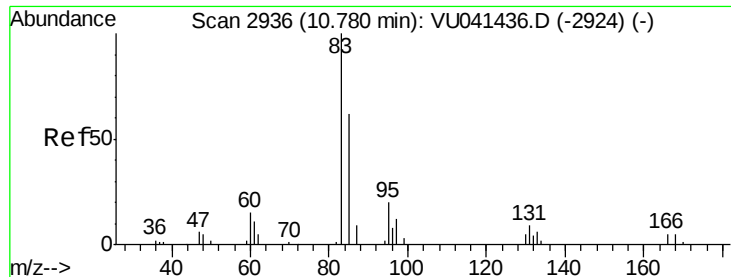
78 51.2 37.5 69.7



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0

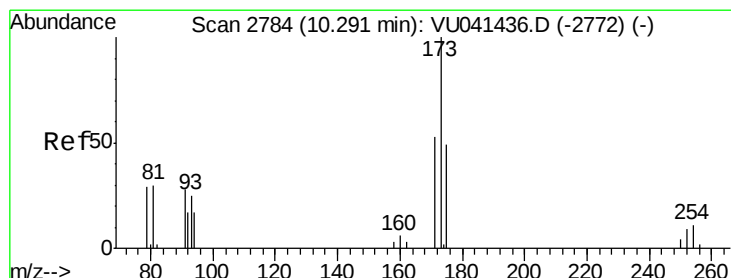
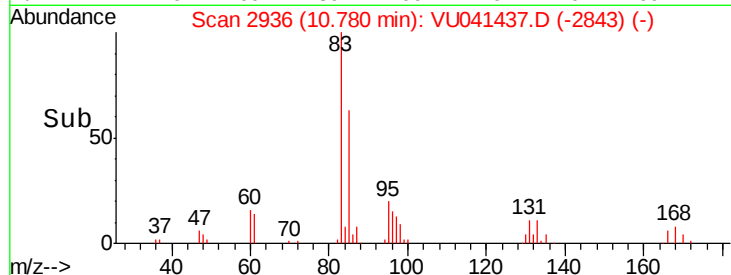
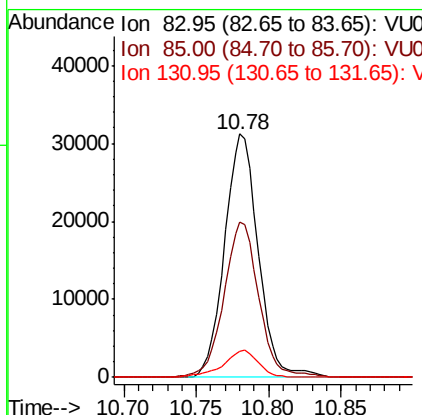
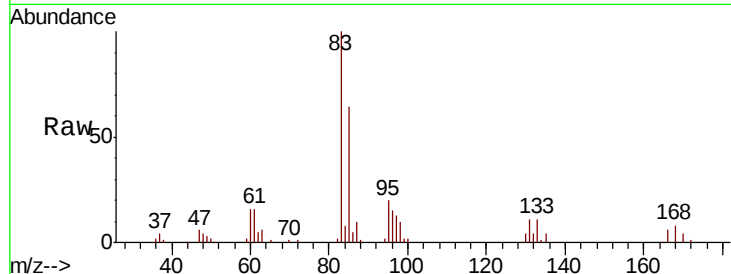




#57
 1,1,2,2-Tetrachloroethane
 Concen: 10.487 ug/L
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU041437.D
 Acq: 30 Nov 2020 11:15

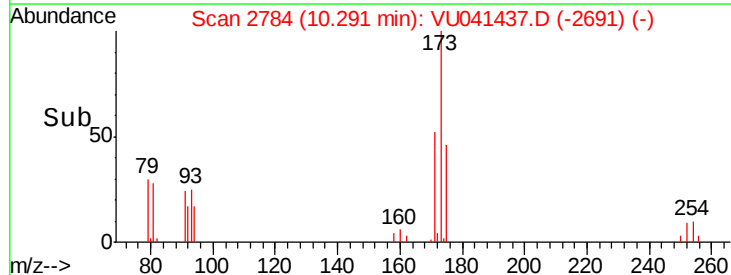
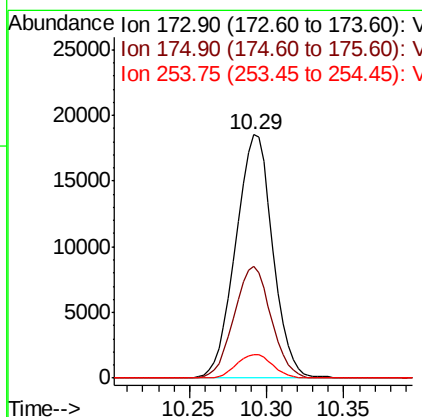
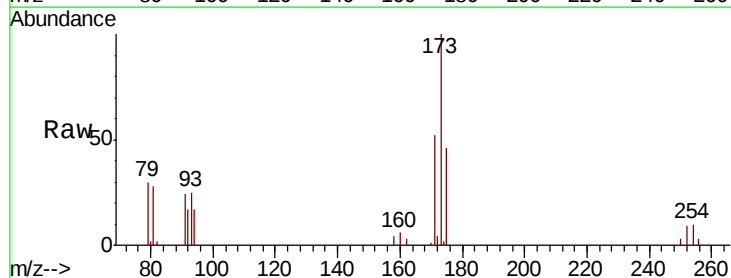
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010206

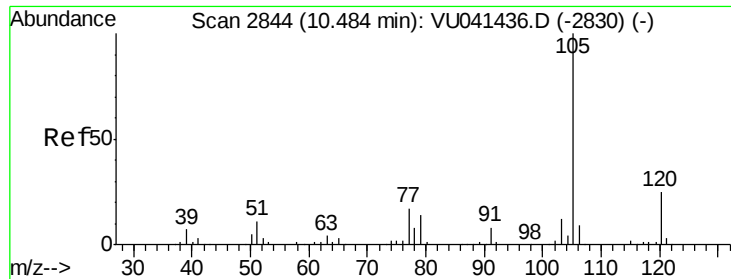
Tot Ion: 83 Resp: 50080
 Ion Ratio Lower Upper
 83 100
 85 64.0 43.5 80.7
 131 10.7 7.6 11.4



#59
 Bromoform
 Concen: 11.061 ug/L
 RT: 10.29 min Scan# 2784
 Delta R.T. -0.00 min
 Lab File: VU041437.D
 Acq: 30 Nov 2020 11:15

Tgt Ion: 173 Resp: 30847
 Ion Ratio Lower Upper
 173 100
 175 45.7 36.9 55.3
 254 9.4 7.4 11.0





#60

Isopropylbenzene

Concen: 11.321 ug/L

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU041437.D

Acq: 30 Nov 2020 11:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD010206

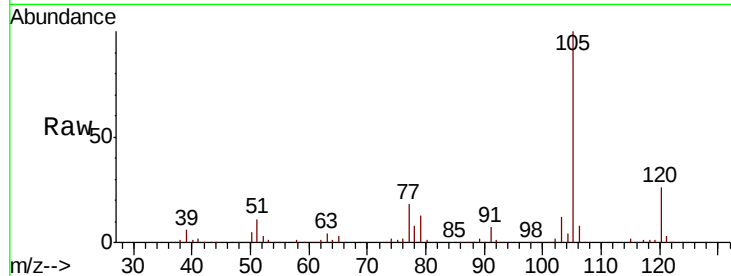
Tot Ion:105 Resp: 241197

Ion Ratio Lower Upper

105 100

120 25.5 20.3 30.5

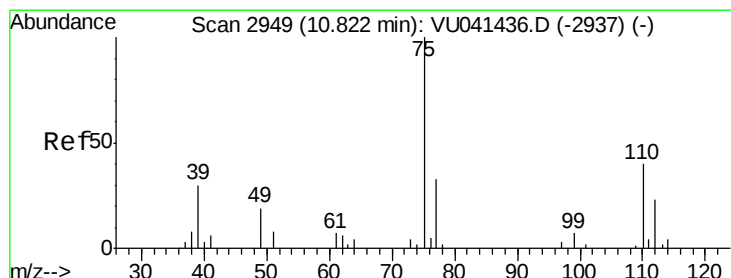
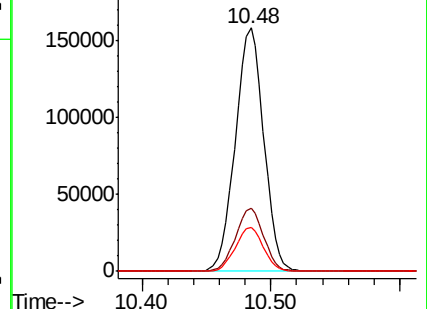
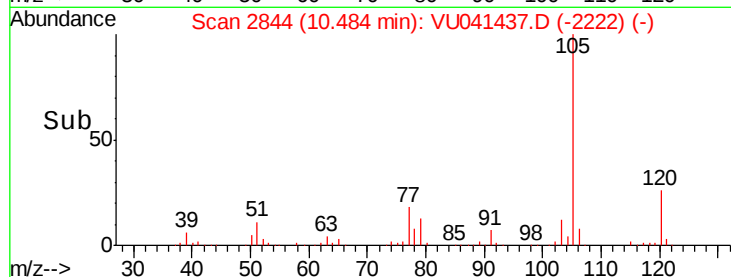
77 17.8 13.9 20.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VU



#61

1,2,3-Trichloropropane

Concen: 10.402 ug/L

RT: 10.82 min Scan# 2949

Delta R.T. -0.00 min

Lab File: VU041437.D

Acq: 30 Nov 2020 11:15

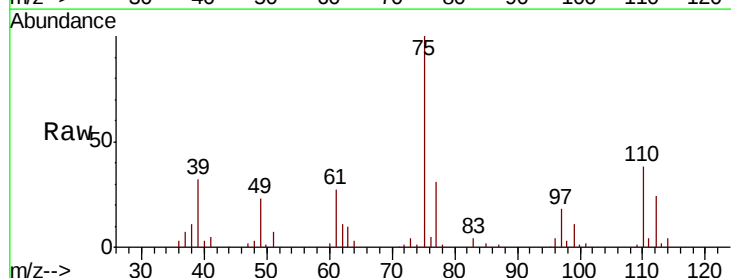
Tgt Ion: 75 Resp: 38608

Ion Ratio Lower Upper

75 100

110 38.3 33.0 49.4

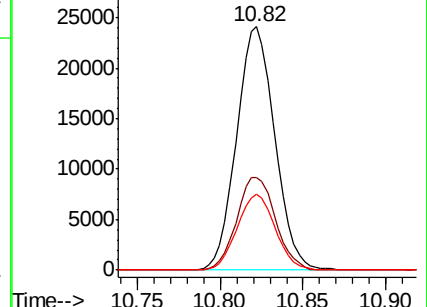
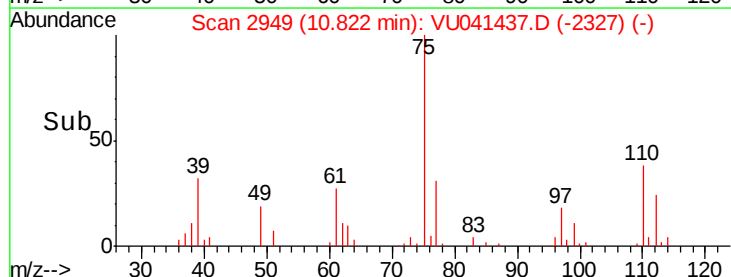
77 30.9 27.4 41.0

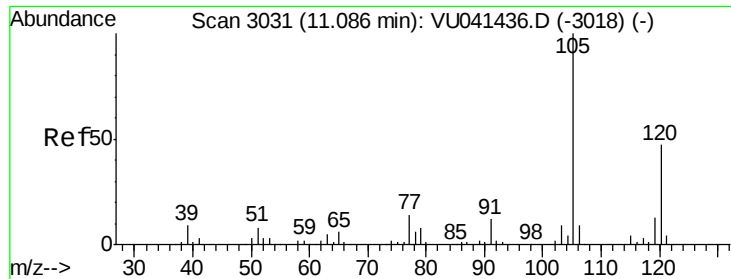


Abundance Ion 75.00 (74.70 to 75.70): VU

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VU





#62

1,3,5-Trimethylbenzene

Concen: 11.756 ug/L

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU041437.D

Acq: 30 Nov 2020 11:15

Instrument :

MSVOA_U

ClientSampleId :

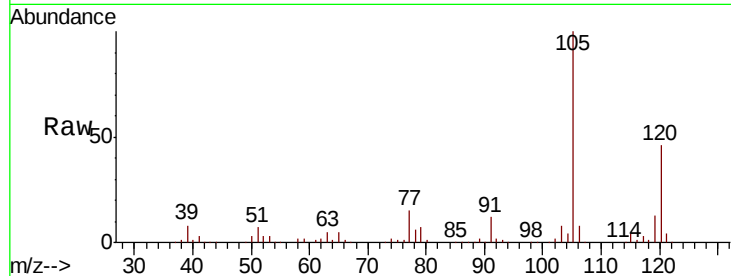
VSTD010206

Tot Ion:105 Resp: 213425

Ion Ratio Lower Upper

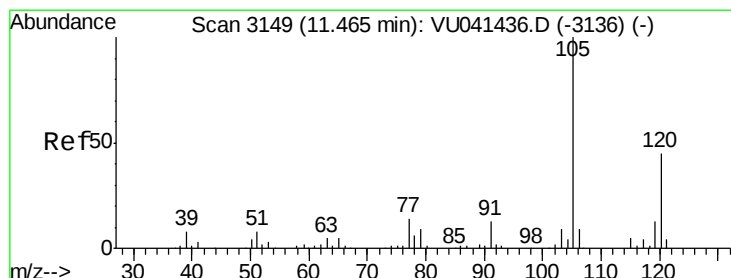
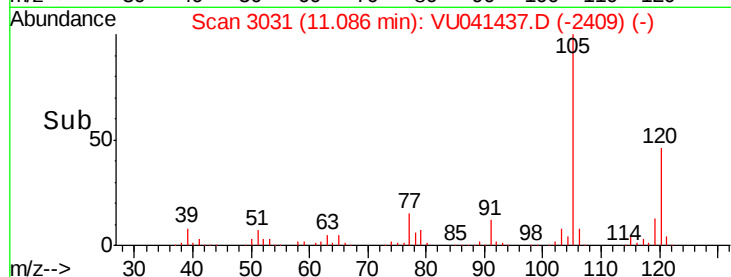
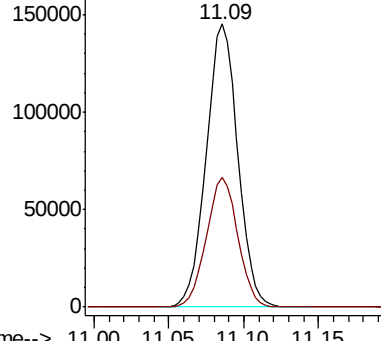
105 100

120 45.5 36.6 54.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#63

1,2,4-Trimethylbenzene

Concen: 11.727 ug/L

RT: 11.47 min Scan# 3149

Delta R.T. -0.00 min

Lab File: VU041437.D

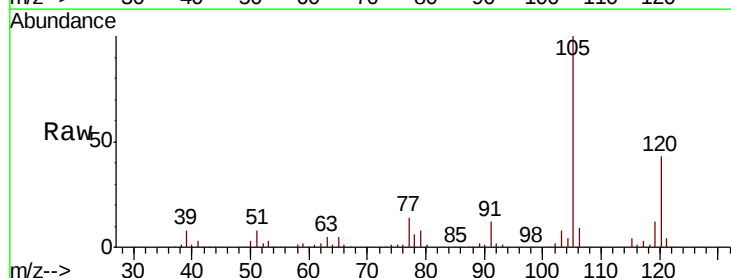
Acq: 30 Nov 2020 11:15

Tgt Ion:105 Resp: 219859

Ion Ratio Lower Upper

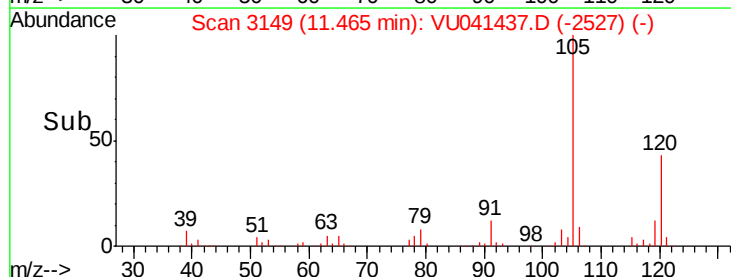
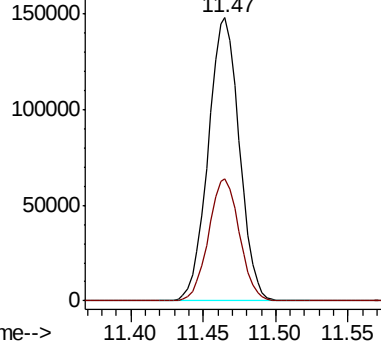
105 100

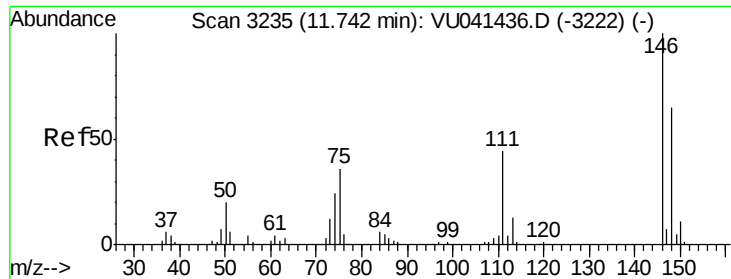
120 42.8 35.4 53.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

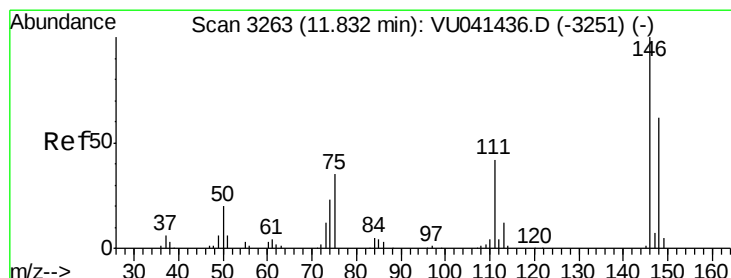
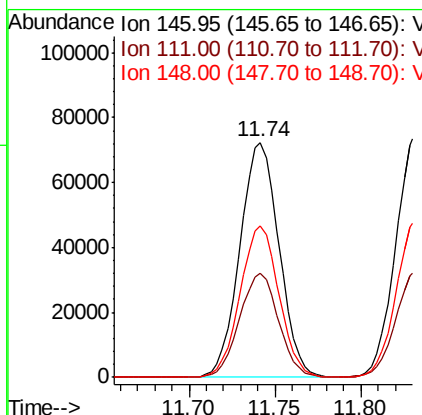
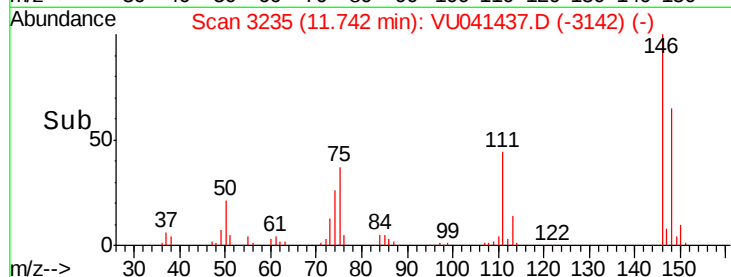
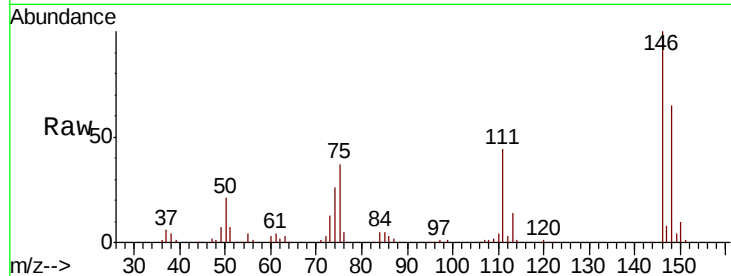




#64
 1,3-Dichlorobenzene
 Concen: 10.560 ug/L
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU041437.D
 Acq: 30 Nov 2020 11:15

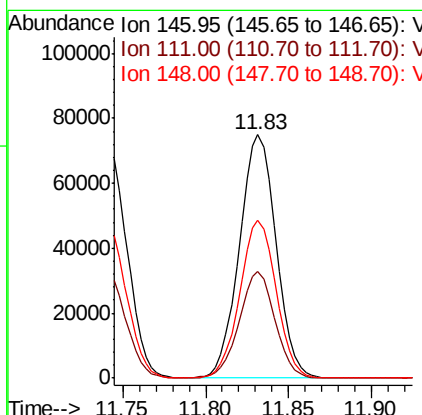
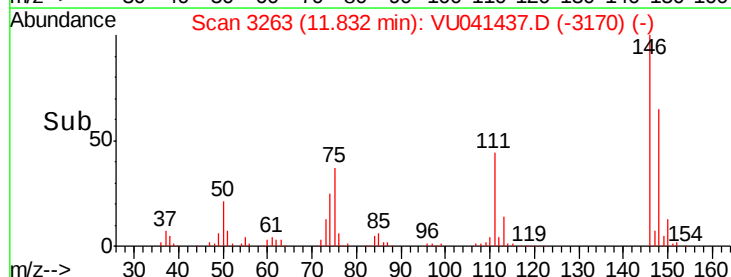
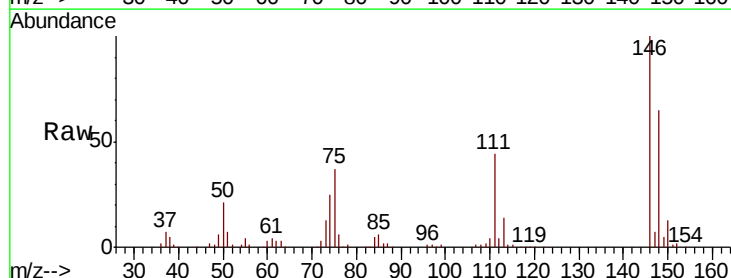
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010206

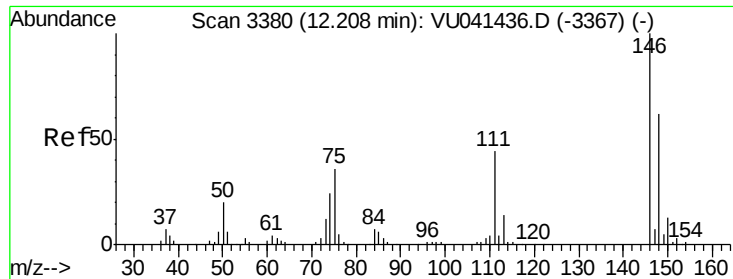
Tot Ion:146 Resp: 114801
 Ion Ratio Lower Upper
 146 100
 111 44.1 30.9 57.3
 148 64.7 45.8 85.0



#65
 1,4-Dichlorobenzene
 Concen: 10.390 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU041437.D
 Acq: 30 Nov 2020 11:15

Tgt Ion:146 Resp: 115535
 Ion Ratio Lower Upper
 146 100
 111 43.6 29.4 54.6
 148 64.9 43.7 81.1

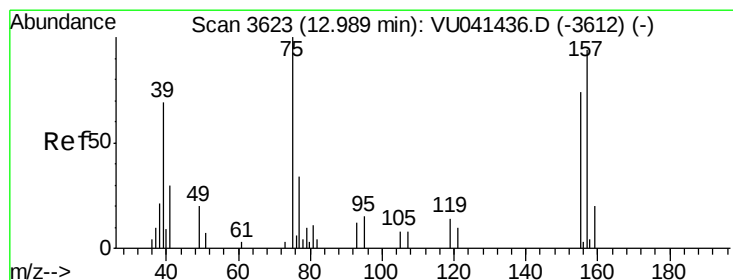
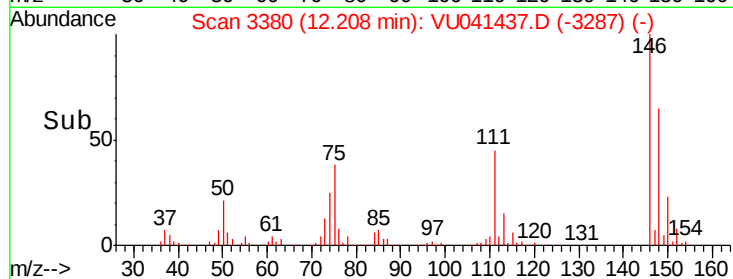
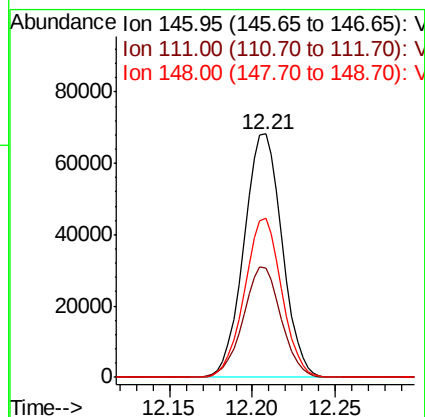
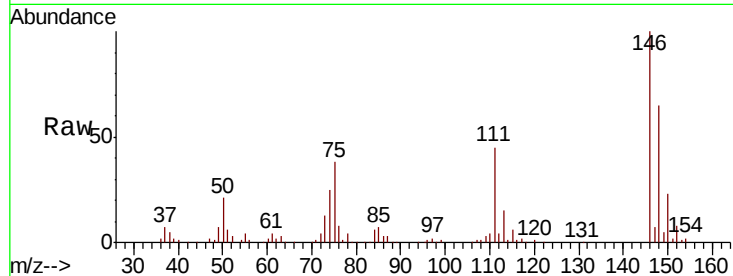




#67
 1,2-Dichlorobenzene
 Concen: 10.348 ug/L
 RT: 12.21 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: VU041437.D
 Acq: 30 Nov 2020 11:15

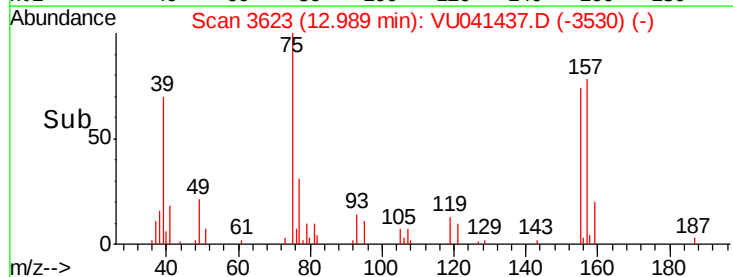
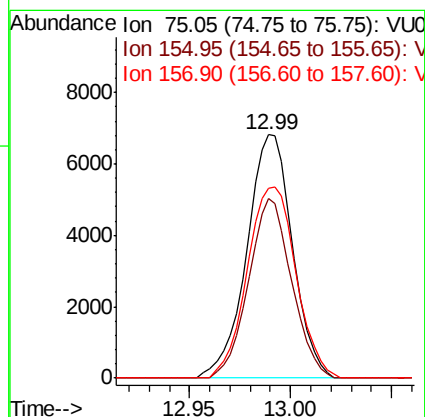
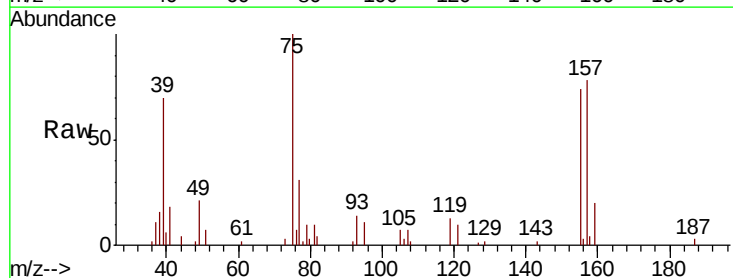
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010206

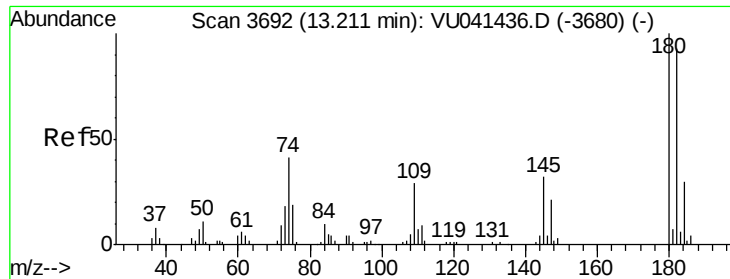
Tot Ion:146 Resp: 109087
 Ion Ratio Lower Upper
 146 100
 111 45.1 35.3 52.9
 148 65.3 49.6 74.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 11.203 ug/L
 RT: 12.99 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VU041437.D
 Acq: 30 Nov 2020 11:15

Tgt Ion: 75 Resp: 10809
 Ion Ratio Lower Upper
 75 100
 155 73.9 59.3 88.9
 157 77.7 75.1 112.7

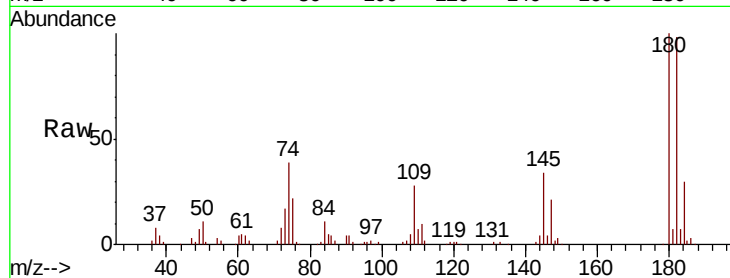




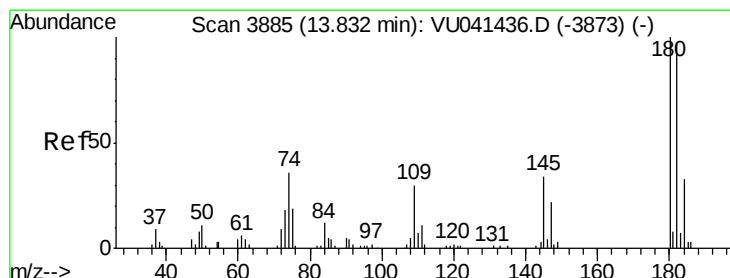
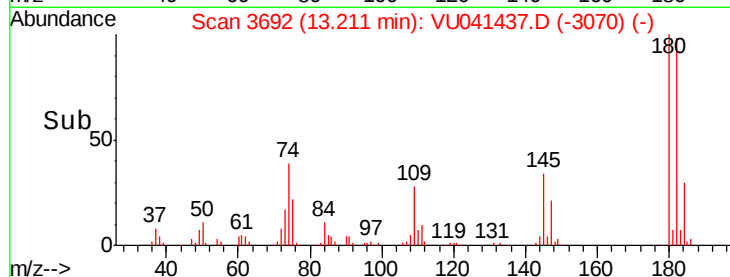
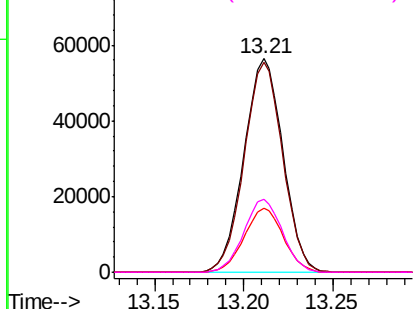
#69
 1,3,5-Trichlorobenzene
 Concen: 10.358 ug/L
 RT: 13.21 min Scan# 3692
 Delta R.T. -0.00 min
 Lab File: VU041437.D
 Acq: 30 Nov 2020 11:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010206

Tot Ion:180 Resp: 86668
 Ion Ratio Lower Upper
 180 100
 182 96.6 76.2 114.2
 184 30.1 24.1 36.1
 145 33.6 26.1 39.1

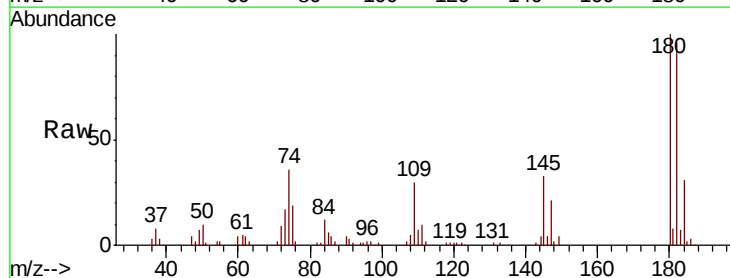


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

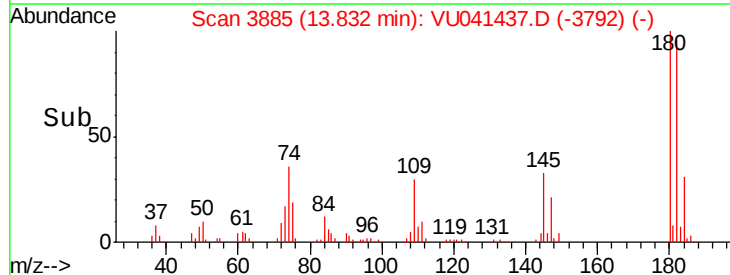
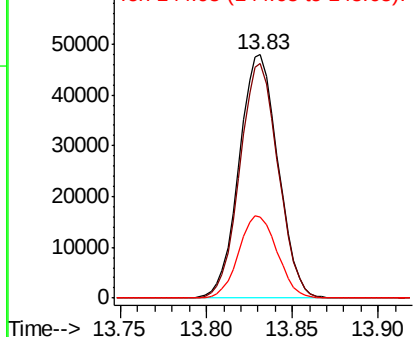


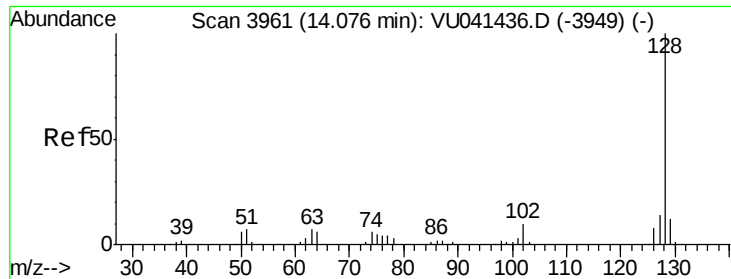
#70
 1,2,4-trichlorobenzene
 Concen: 10.824 ug/L
 RT: 13.83 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VU041437.D
 Acq: 30 Nov 2020 11:15

Tgt Ion:180 Resp: 75510
 Ion Ratio Lower Upper
 180 100
 182 94.9 78.4 117.6
 145 33.3 27.4 41.0



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

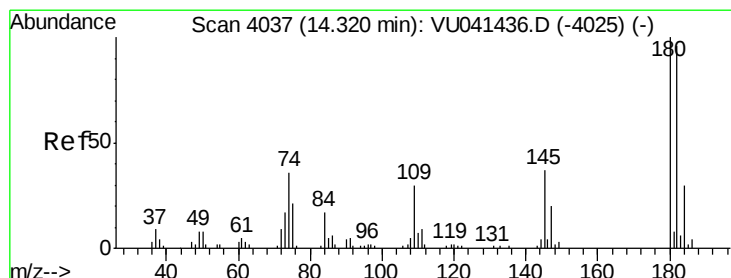
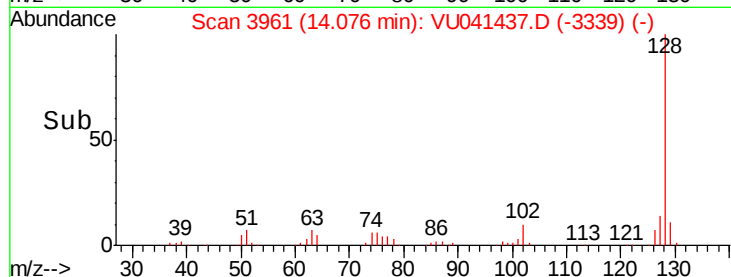
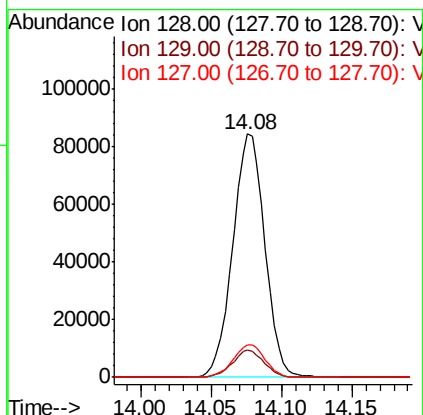
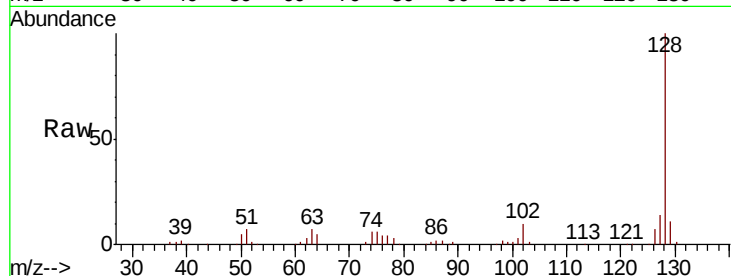




#71
Naphthalene
Concen: 11.205 ug/L
RT: 14.08 min Scan# 3961
Delta R.T. -0.00 min
Lab File: VU041437.D
Acq: 30 Nov 2020 11:15

Instrument :
MSVOA_U
ClientSampleId :
VSTD010206

Tot Ion:128 Resp: 134373
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.0
127 13.3 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 10.648 ug/L
RT: 14.32 min Scan# 4037
Delta R.T. -0.00 min
Lab File: VU041437.D
Acq: 30 Nov 2020 11:15

Tgt Ion:180 Resp: 69483
Ion Ratio Lower Upper
180 100
182 95.5 77.6 116.4
145 35.1 28.6 43.0

