

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111819\
 Data File : VU035744.D
 Acq On : 18 Nov 2019 15:06
 Operator : JC/SP
 Sample : K5911-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 00:36:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 19 00:32:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	213656	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	240092	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	109875	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	95846	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.93	69	92083	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.60	63	165535	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.40%
20) 2-Butanone-d5	4.70	46	250525	51.60	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.20%
24) Chloroform-d	5.11	84	158498	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.75	65	95495	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.77	84	373357	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.74	67	122054	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.93	98	301071	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	8.21	79	46015	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.68	63	189214	49.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.94%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	105565	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	116829	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.54	50	104696	3.949	ug/L	98
6) Bromomethane	1.87	94	63558	4.104	ug/L	99
9) Trichlorofluoromethane	2.16	101	270161	8.151	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2241	0.114	ug/L #	35
12) 1,1-Dichloroethene	2.61	96	74545	3.968	ug/L	93
13) Acetone	2.67	43	208666	59.606	ug/L	99
14) Carbon disulfide	2.82	76	358574	5.886	ug/L	100
16) Methylene chloride	3.08	84	58012	2.604	ug/L	98
17) Methyl tert-butyl Ether	3.42	73	389171	8.838	ug/L	100
19) 1,1-Dichloroethane	3.92	63	352172	9.804	ug/L	99
21) 2-Butanone	4.78	43	517124	99.483	ug/L	100
25) Chloroform	5.14	83	51842	1.327	ug/L	99
27) 1,2-Dichloroethane	5.84	62	171379	7.883	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	291349	9.218	ug/L	99
30) Cyclohexane	5.43	56	362315	11.466	ug/L	100
31) Carbon tetrachloride	5.37	117	41273	1.449	ug/L	99
34) Trichloroethene	6.58	95	116186	5.373	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111819\
 Data File : VU035744.D
 Acq On : 18 Nov 2019 15:06
 Operator : JC/SP
 Sample : K5911-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

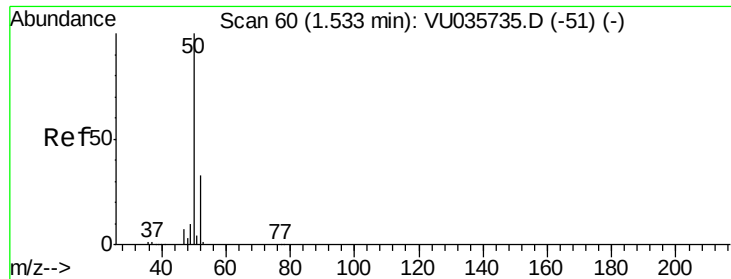
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 00:36:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 19 00:32:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

35) Methylcyclohexane	6.80	83	204837	6.218	ug/L	99
37) 1,2-Dichloropropane	6.83	63	50001	2.246	ug/L	100
38) Bromodichloromethane	7.14	83	2488	0.092	ug/L	86
39) cis-1,3-Dichloropropene	7.61	75	2739	0.086	ug/L #	40
42) Toluene	8.01	91	786390	8.846	ug/L	98
47) Tetrachloroethene	8.58	164	170213	9.033	ug/L	96
48) 2-Hexanone	8.73	43	451114	49.583	ug/L	99
49) Dibromochloromethane	8.58	129	151873	7.722	ug/L #	12
50) 1,2-Dibromoethane	8.96	107	250549	16.563	ug/L	98
51) Chlorobenzene	9.48	112	652458	11.178	ug/L	98
52) Ethylbenzene	9.60	91	609542	6.515	ug/L	99
53) m,p-Xylene	9.73	106	504487	14.241	ug/L	98
54) o-Xylene	10.13	106	188148	5.496	ug/L	98
55) Styrene	10.14	104	311055	5.495	ug/L	98
56) Isopropylbenzene	10.51	105	288830	3.197	ug/L	99
59) 1,2,3-Trichloropropane	10.14	75	16363	1.111	ug/L #	1
61) Bromoform	10.32	173	64102	6.419	ug/L	99
62) 1,3-Dichlorobenzene	11.87	146	156571	4.238	ug/L	98
63) 1,4-Dichlorobenzene	11.87	146	156571	4.401	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	457999	13.210	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	9894	4.485	ug/L #	84
67) 1,3,5-Trichlorobenzene	13.24	180	116783	4.904	ug/L	100
70) 1,2,3-Trichlorobenzene	14.35	180	124302	8.960	ug/L	98

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



#3

Chloromethane

Concen: 3.949 ug/L

RT: 1.54 min Scan# 61

Delta R.T. 0.00 min

Lab File: VU035744.D

Acq: 18 Nov 2019 15:06

Instrument :

MSVOA_U

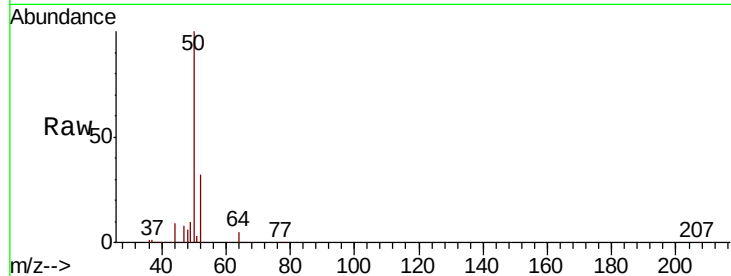
ClientSampled :

Tot Ion: 50 Resp: 104696

Ion Ratio Lower Upper

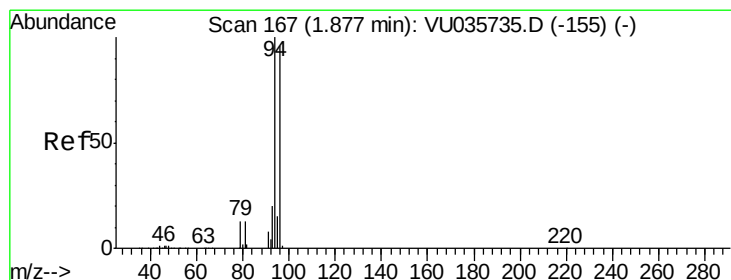
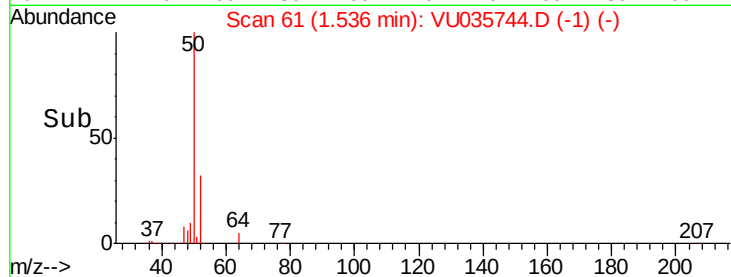
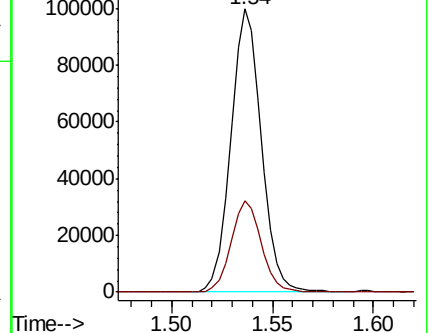
50 100

52 32.1 23.4 43.6



Abundance Ion 50.05 (49.75 to 50.75): VU035744.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU035744.D (-1) (-)



#6

Bromomethane

Concen: 4.104 ug/L

RT: 1.87 min Scan# 166

Delta R.T. -0.00 min

Lab File: VU035744.D

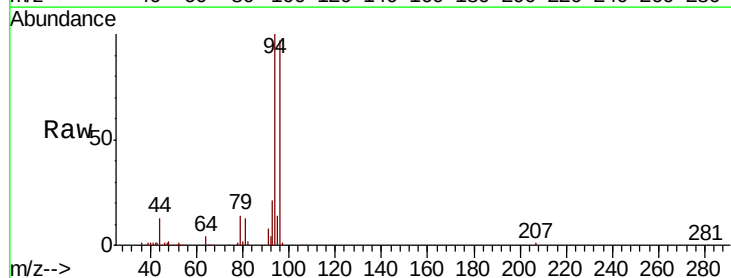
Acq: 18 Nov 2019 15:06

Tgt Ion: 94 Resp: 63558

Ion Ratio Lower Upper

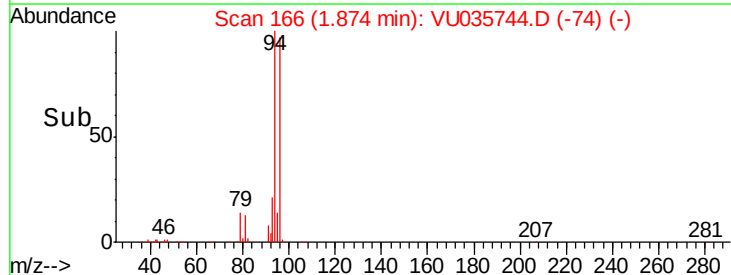
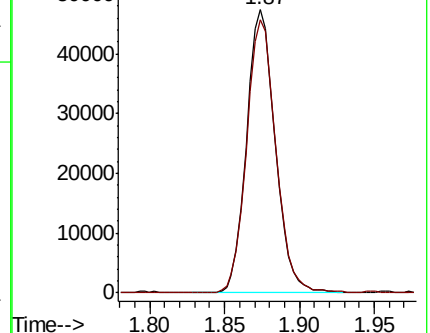
94 100

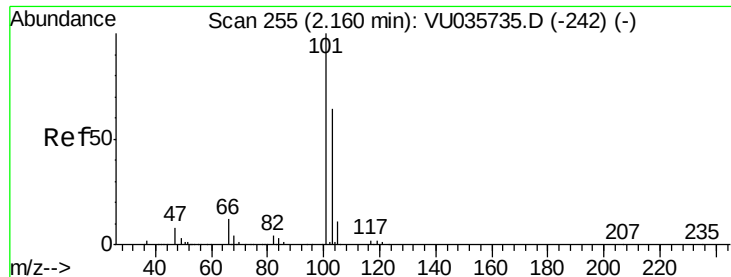
96 96.6 66.8 124.2



Abundance Ion 94.00 (93.70 to 94.70): VU035744.D (-74) (-)

Ion 96.00 (95.70 to 96.70): VU035744.D (-74) (-)

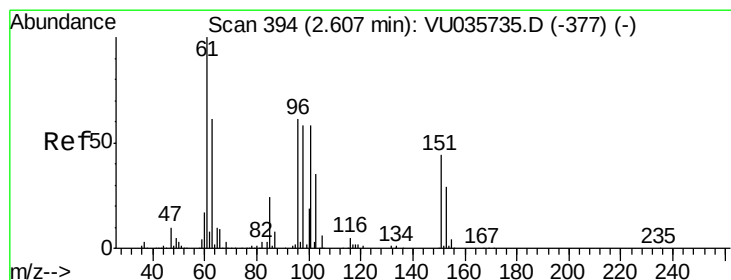
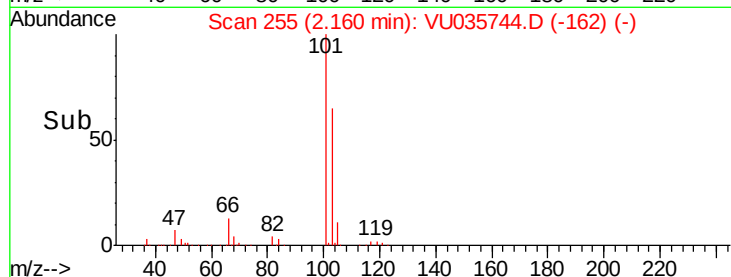
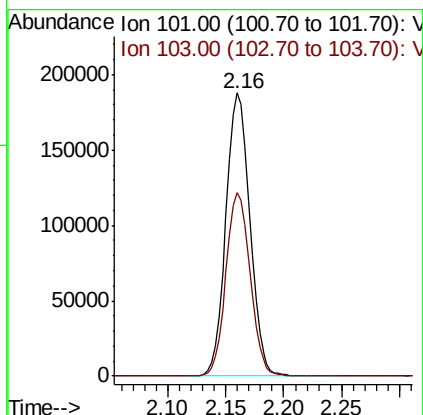
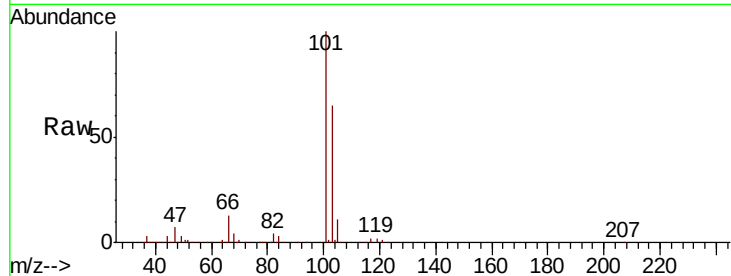




#9
 Trichlorofluoromethane
 Concen: 8.151 ug/L
 RT: 2.16 min Scan# 255
 Delta R.T. -0.00 min
 Lab File: VU035744.D
 Acq: 18 Nov 2019 15:06

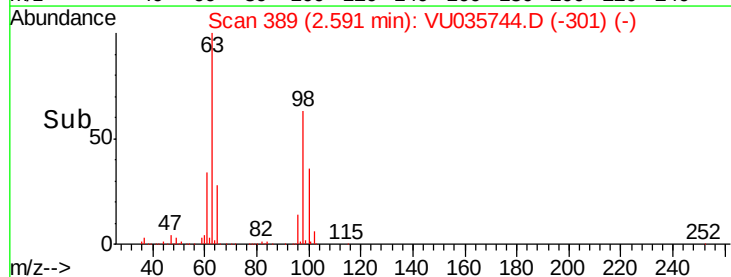
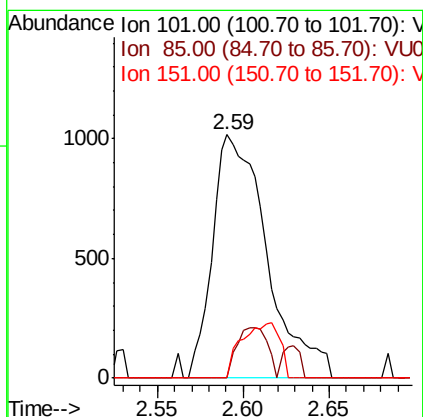
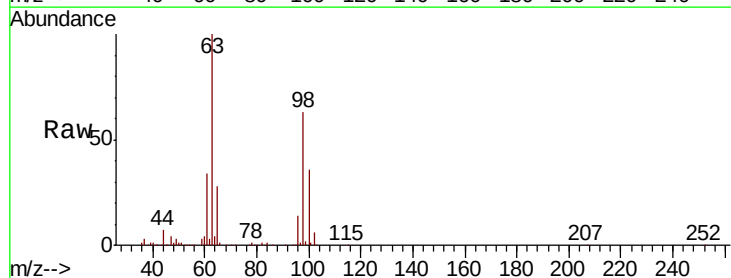
Instrument :
 MSVOA_U
 ClientSampleId :

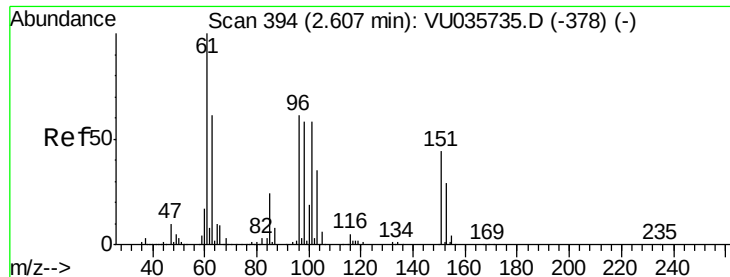
Tot Ion:101 Resp: 270161
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.8 77.6



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.114 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. -0.02 min
 Lab File: VU035744.D
 Acq: 18 Nov 2019 15:06

Tgt Ion:101 Resp: 2241
 Ion Ratio Lower Upper
 101 100
 85 11.5 35.0 52.6#
 151 15.8 64.0 96.0#

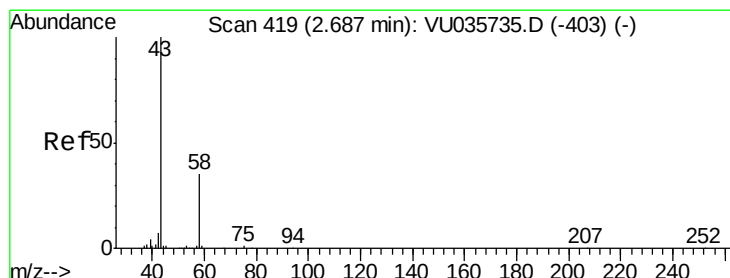
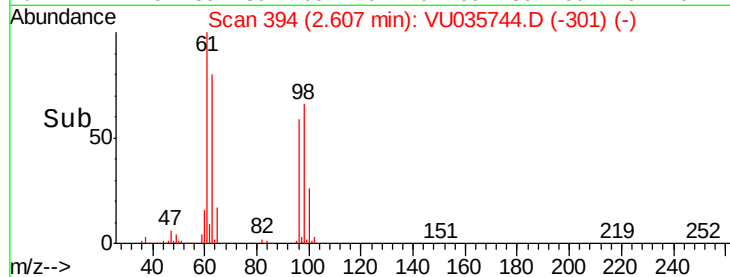
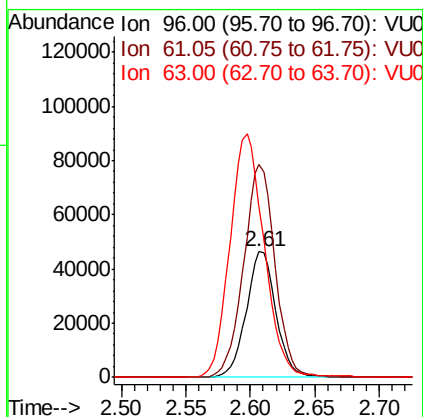
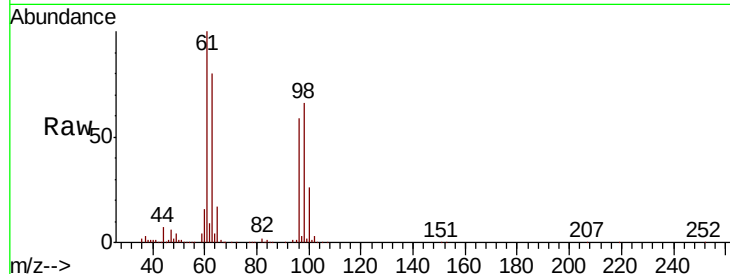




#12
 1,1-Dichloroethene
 Concen: 3.968 ug/L
 RT: 2.61 min Scan# 394
 Delta R.T. -0.00 min
 Lab File: VU035744.D
 Acq: 18 Nov 2019 15:06

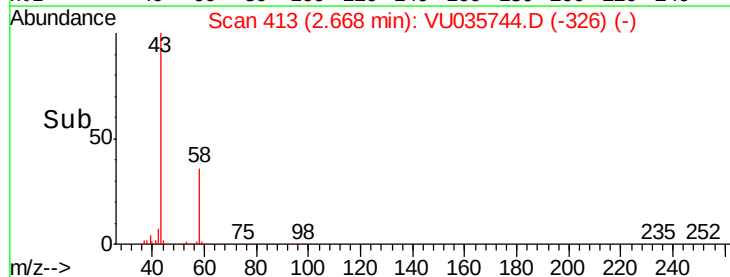
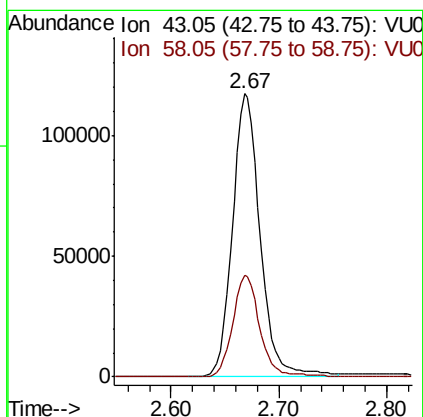
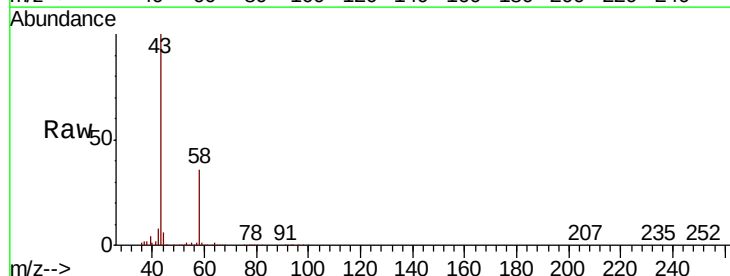
Instrument :
 MSVOA_U
 ClientSampleId :

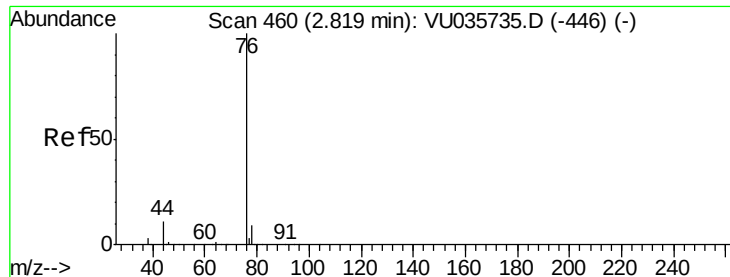
Tot Ion: 96 Resp: 74545
 Ion Ratio Lower Upper
 96 100
 61 169.3 123.1 228.5
 63 135.9 87.8 163.0



#13
 Acetone
 Concen: 59.606 ug/L
 RT: 2.67 min Scan# 413
 Delta R.T. -0.02 min
 Lab File: VU035744.D
 Acq: 18 Nov 2019 15:06

Tgt Ion: 43 Resp: 208666
 Ion Ratio Lower Upper
 43 100
 58 35.4 0.0 69.8





#14

Carbon disulfide

Concen: 5.886 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU035744.D

Acq: 18 Nov 2019 15:06

Instrument :

MSVOA_U

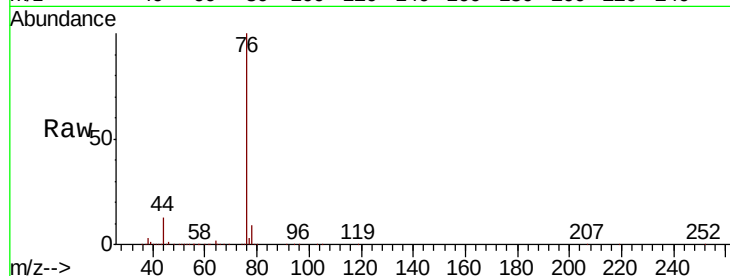
ClientSampleId :

Tot Ion: 76 Resp: 358574

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VU035735.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU035735.D (-446) (-)

2.82

200000

150000

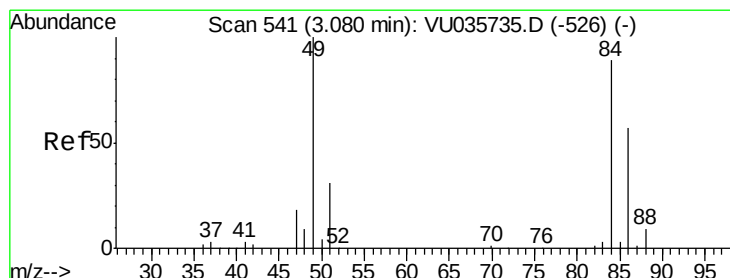
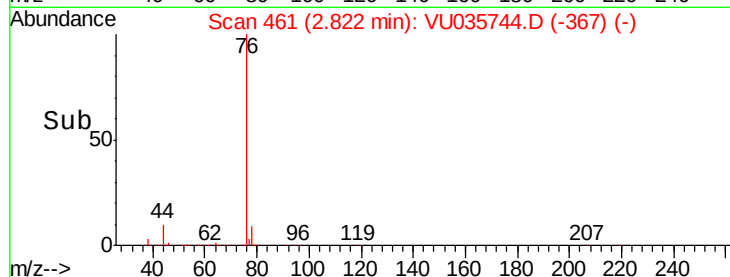
100000

50000

0

2.80 2.90

Time-->



#16

Methylene chloride

Concen: 2.604 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU035744.D

Acq: 18 Nov 2019 15:06

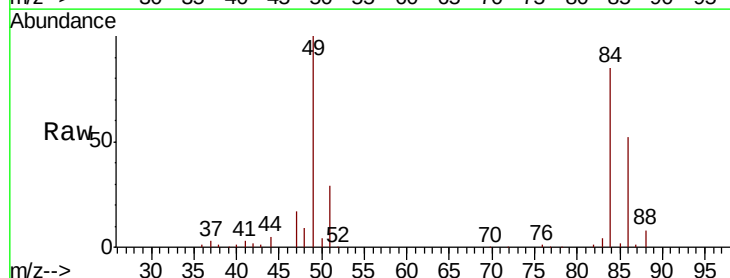
Tgt Ion: 84 Resp: 58012

Ion Ratio Lower Upper

84 100

86 61.6 45.8 85.2

49 117.9 81.9 152.1



Abundance Ion 84.05 (83.75 to 84.75): VU035735.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU035735.D (-526) (-)

Ion 49.10 (48.80 to 49.80): VU035735.D (-526) (-)

3.08

50000

40000

30000

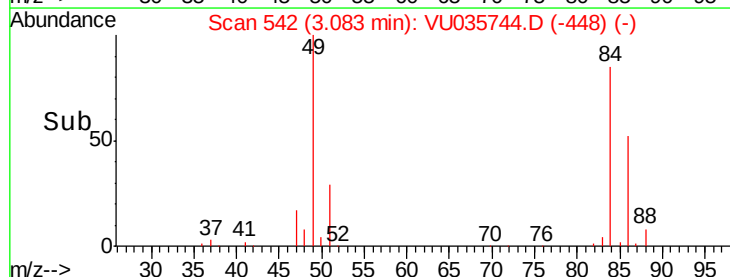
20000

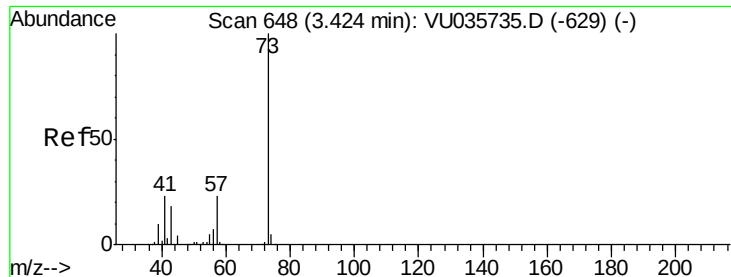
10000

0

3.00 3.05 3.10 3.15

Time-->



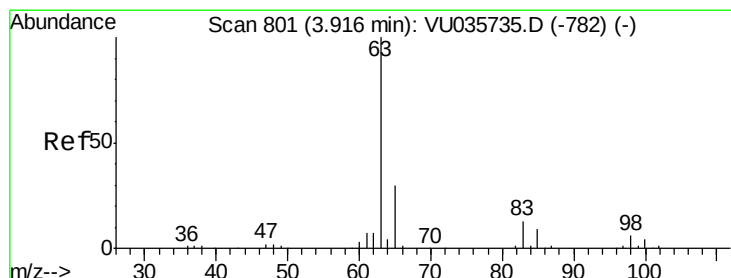
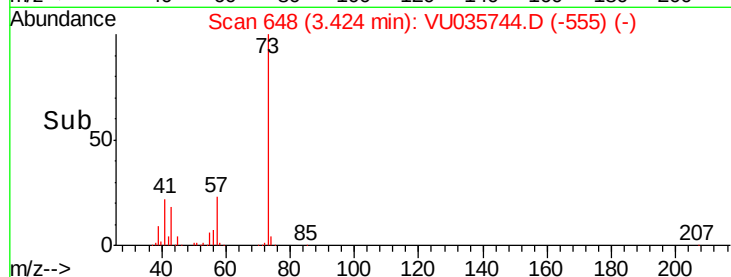
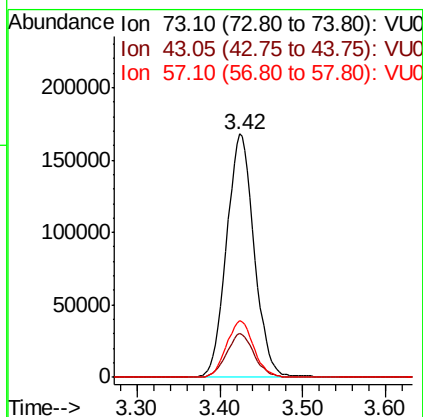
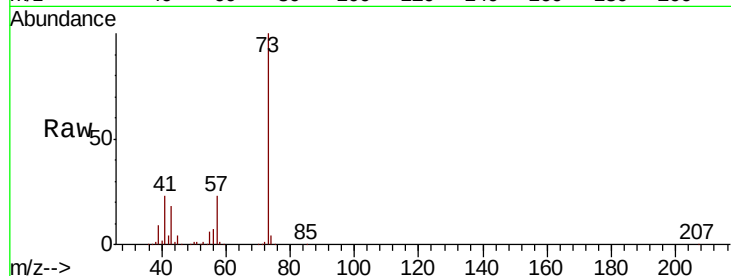


#17

Methyl tert-butyl Ether
 Concen: 8.838 ug/L
 RT: 3.42 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: VU035744.D
 Acq: 18 Nov 2019 15:06

Instrument :
 MSVOA_U
 ClientSampleId :

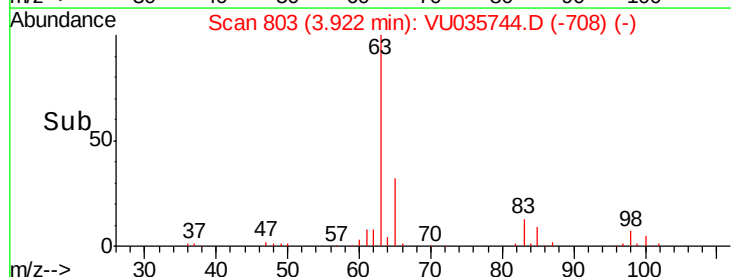
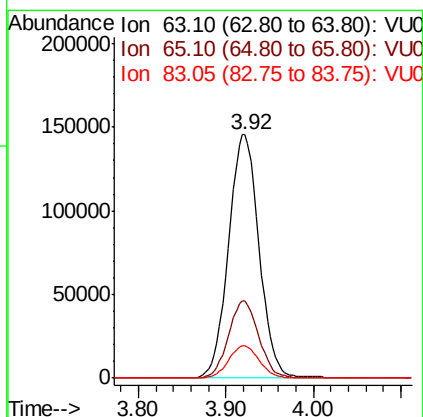
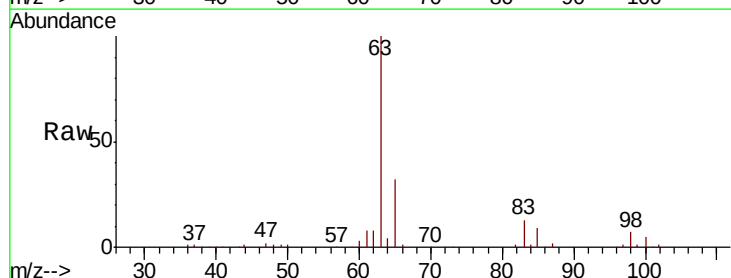
Tot Ion: 73 Resp: 389171
 Ion Ratio Lower Upper
 73 100
 43 18.1 14.4 21.6
 57 22.9 18.2 27.2

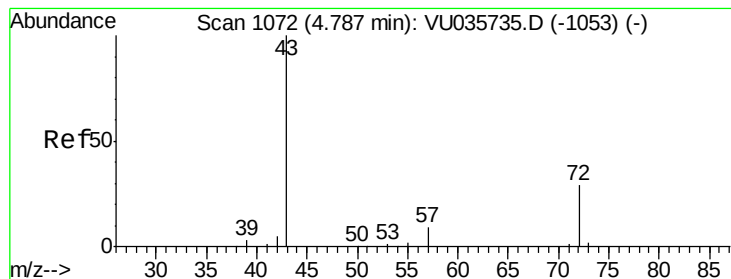


#19

1,1-Dichloroethane
 Concen: 9.804 ug/L
 RT: 3.92 min Scan# 803
 Delta R.T. 0.01 min
 Lab File: VU035744.D
 Acq: 18 Nov 2019 15:06

Tgt Ion: 63 Resp: 352172
 Ion Ratio Lower Upper
 63 100
 65 31.8 22.0 40.8
 83 13.2 9.3 17.3





#21

2-Butanone

Concen: 99.483 ug/L

RT: 4.78 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VU035744.D

Acq: 18 Nov 2019 15:06

Instrument :

MSVOA_U

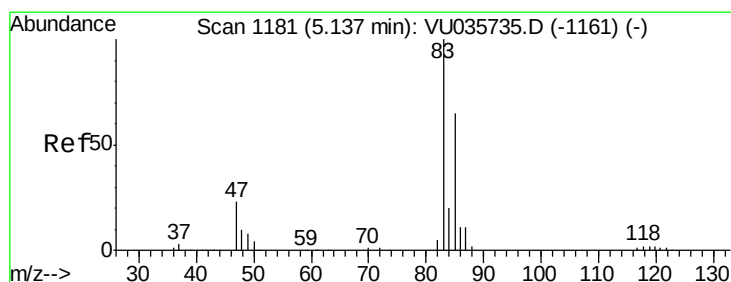
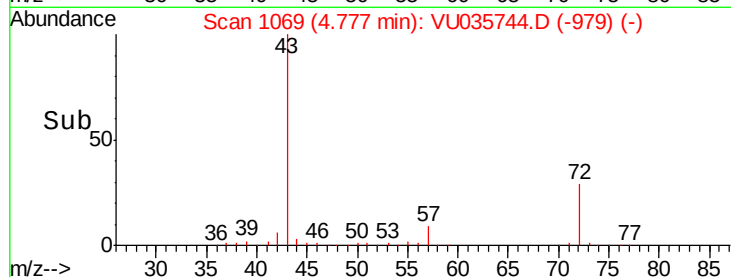
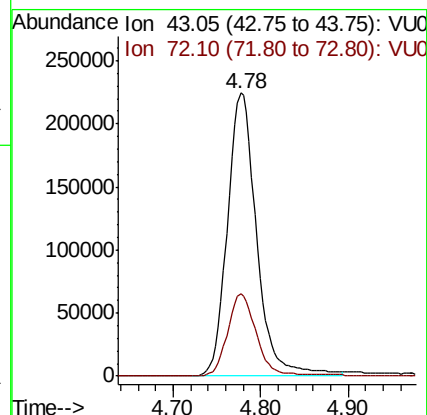
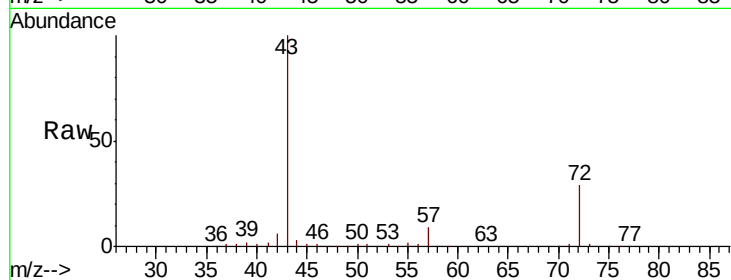
ClientSampleId :

Tot Ion: 43 Resp: 517124

Ion Ratio Lower Upper

43 100

72 28.9 14.3 42.9



#25

Chloroform

Concen: 1.327 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU035744.D

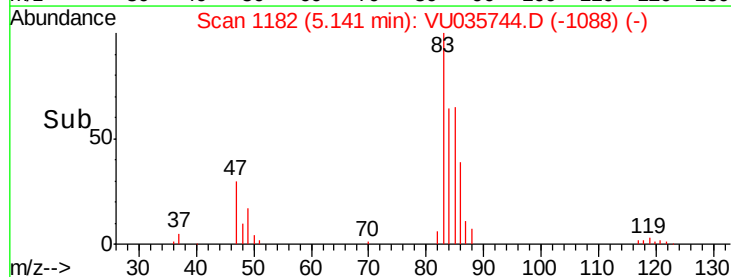
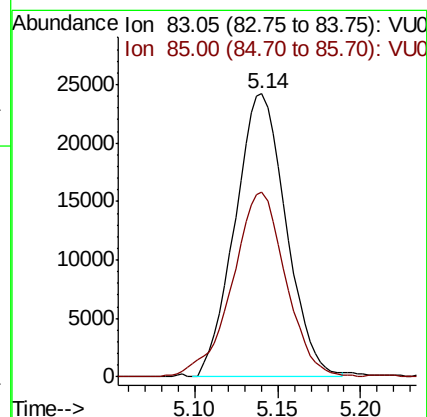
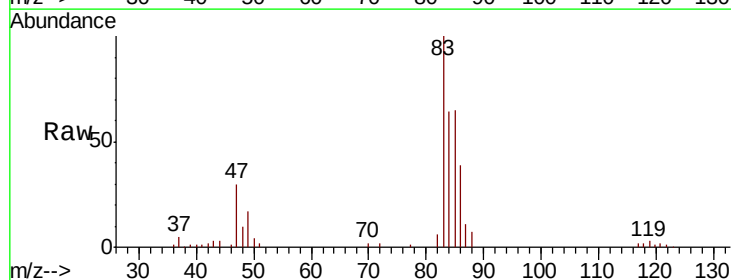
Acq: 18 Nov 2019 15:06

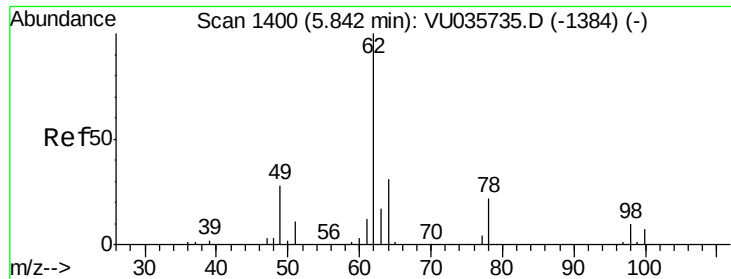
Tgt Ion: 83 Resp: 51842

Ion Ratio Lower Upper

83 100

85 65.3 45.4 84.2

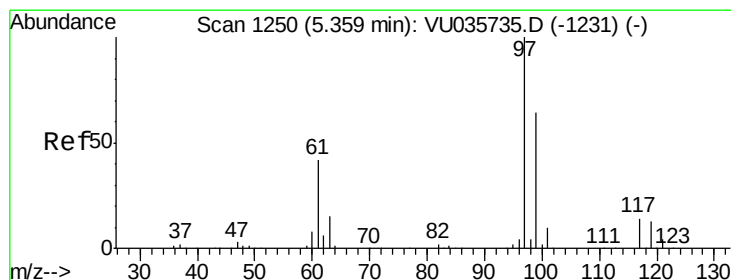
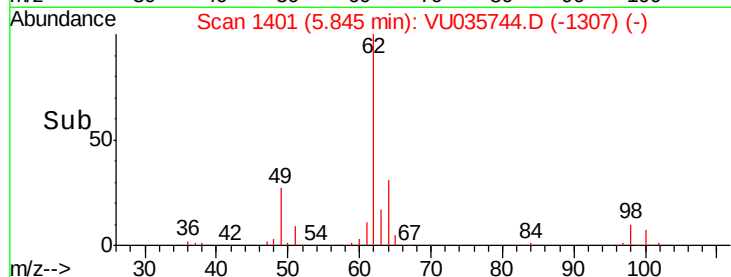
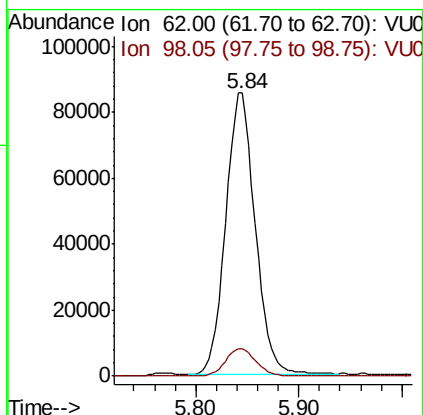
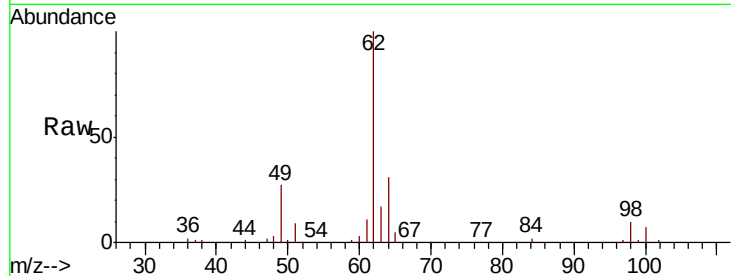




#27
 1,2-Dichloroethane
 Concen: 7.883 ug/L
 RT: 5.84 min Scan# 1401
 Delta R.T. 0.00 min
 Lab File: VU035744.D
 Acq: 18 Nov 2019 15:06

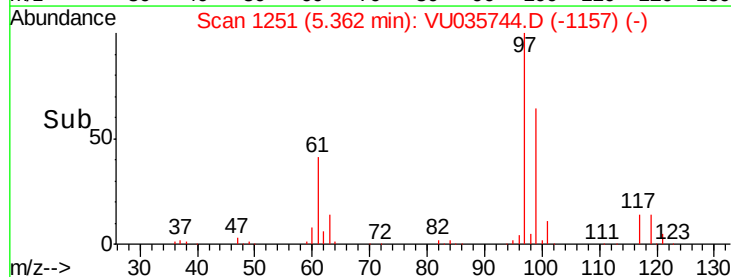
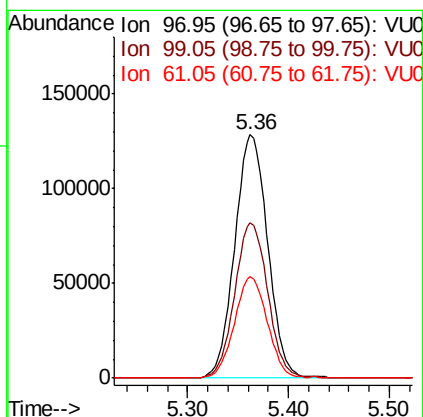
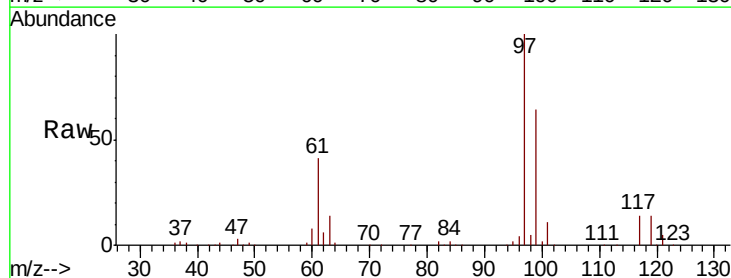
Instrument :
 MSVOA_U
 ClientSampleId :

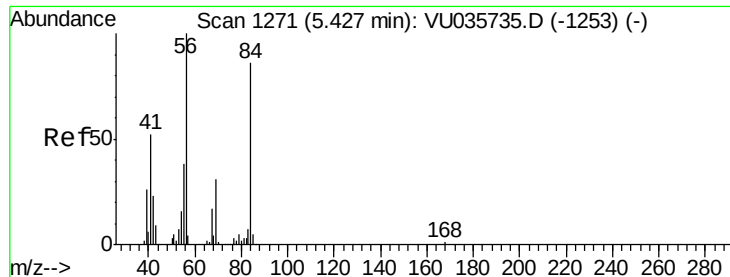
Tot Ion: 62 Resp: 171379
 Ion Ratio Lower Upper
 62 100
 98 9.9 8.0 12.0



#29
 1,1,1-Trichloroethane
 Concen: 9.218 ug/L
 RT: 5.36 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VU035744.D
 Acq: 18 Nov 2019 15:06

Tgt Ion: 97 Resp: 291349
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.3 76.9
 61 41.6 34.4 51.6

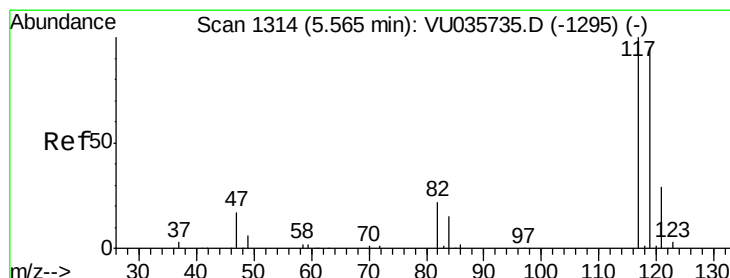
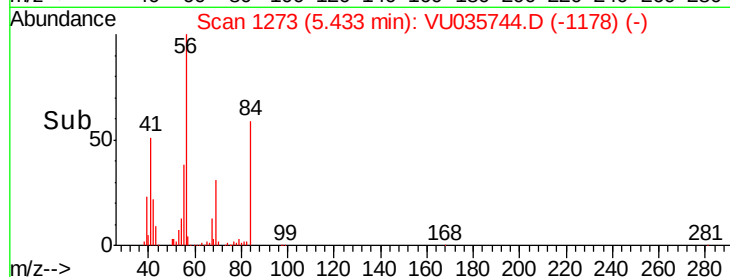
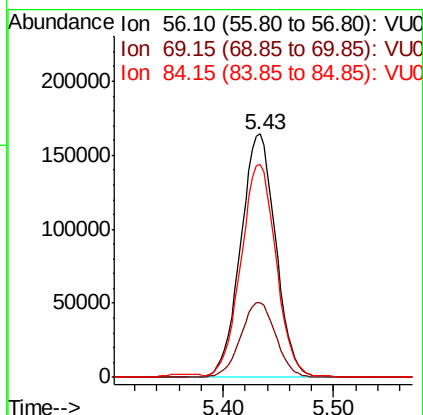
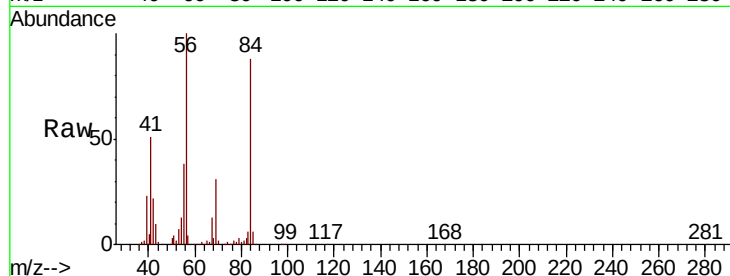




#30
Cyclohexane
Concen: 11.466 ug/L
RT: 5.43 min Scan# 1273
Delta R.T. 0.01 min
Lab File: VU035744.D
Acq: 18 Nov 2019 15:06

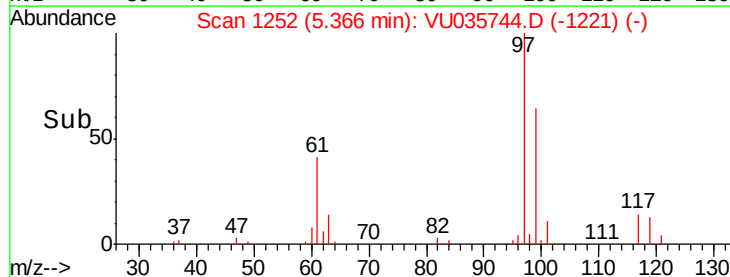
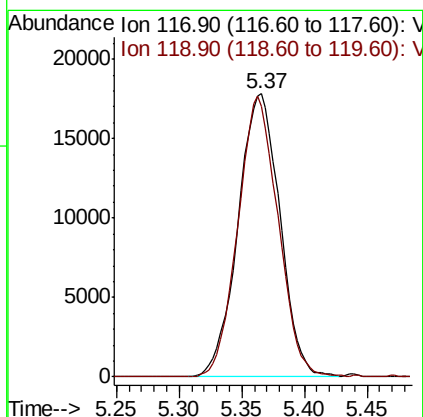
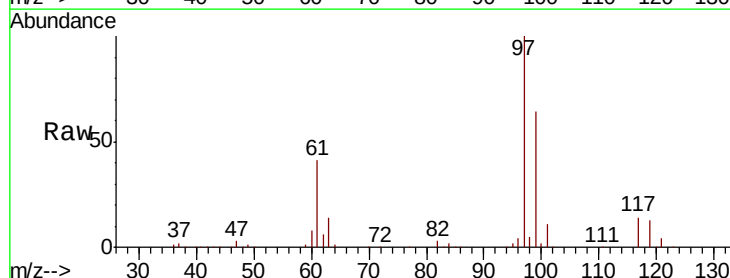
Instrument :
MSVOA_U
ClientSampleId :

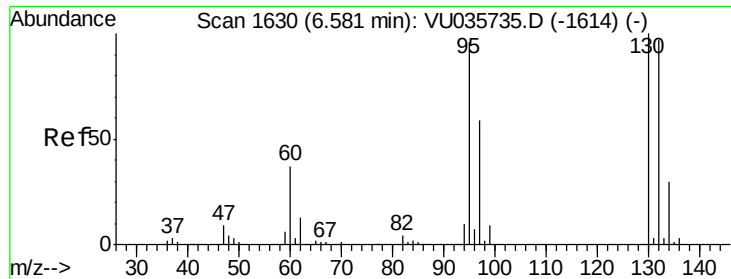
Tot Ion: 56 Resp: 362315
Ion Ratio Lower Upper
56 100
69 30.8 24.6 37.0
84 87.5 69.7 104.5



#31
Carbon tetrachloride
Concen: 1.449 ug/L
RT: 5.37 min Scan# 1252
Delta R.T. -0.20 min
Lab File: VU035744.D
Acq: 18 Nov 2019 15:06

Tgt Ion: 117 Resp: 41273
Ion Ratio Lower Upper
117 100
119 95.4 75.3 112.9

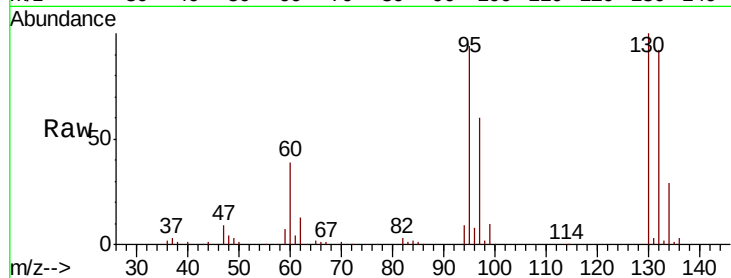




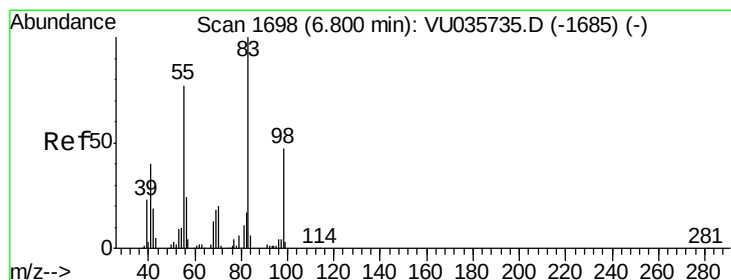
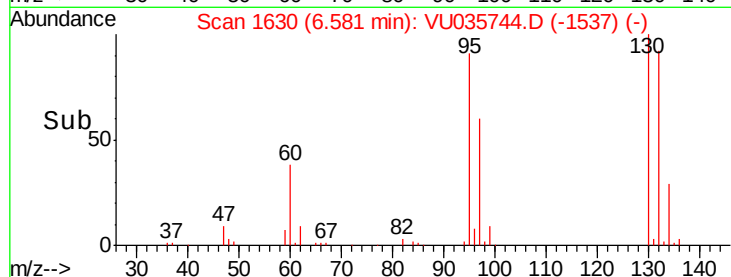
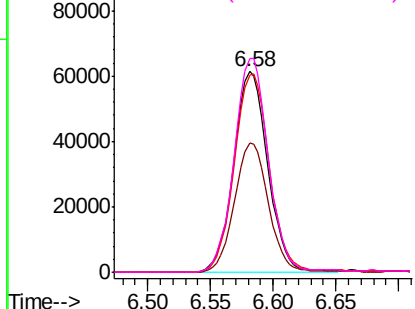
#34
 Trichloroethene
 Concen: 5.373 ug/L
 RT: 6.58 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VU035744.D
 Acq: 18 Nov 2019 15:06

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 95 Resp: 116186
 Ion Ratio Lower Upper
 95 100
 97 64.1 44.5 82.7
 132 98.0 69.9 129.7
 130 106.4 74.1 137.7

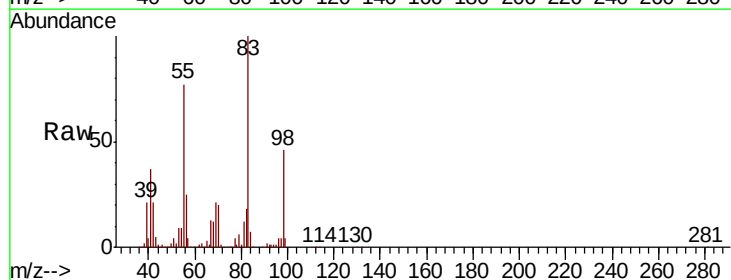


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

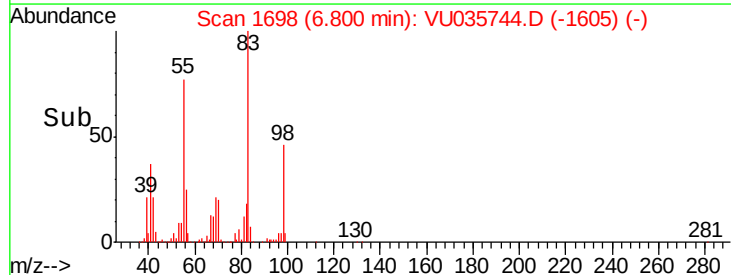
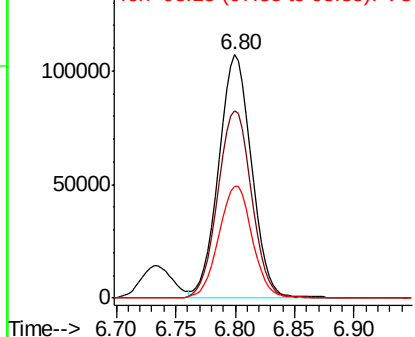


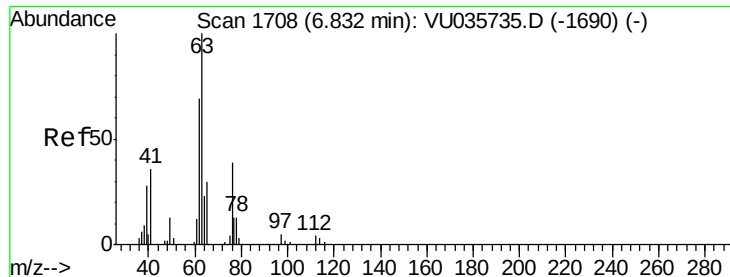
#35
 Methylcyclohexane
 Concen: 6.218 ug/L
 RT: 6.80 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VU035744.D
 Acq: 18 Nov 2019 15:06

Tgt Ion: 83 Resp: 204837
 Ion Ratio Lower Upper
 83 100
 55 79.2 62.6 93.8
 98 46.7 37.2 55.8



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

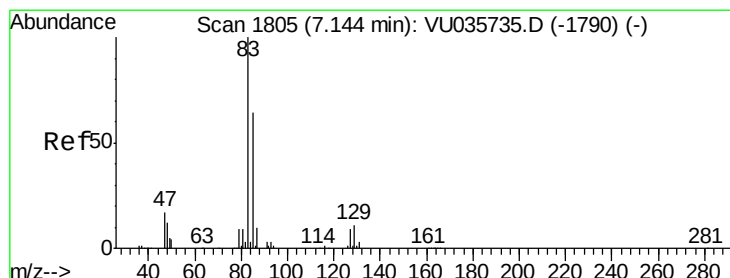
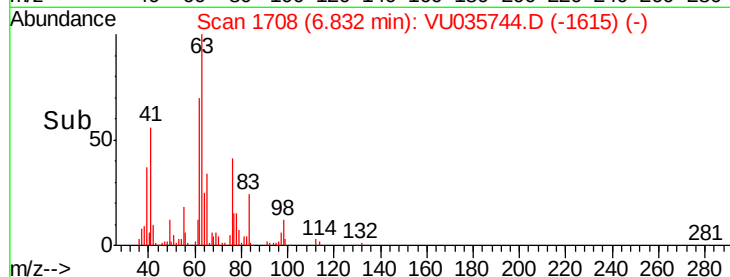
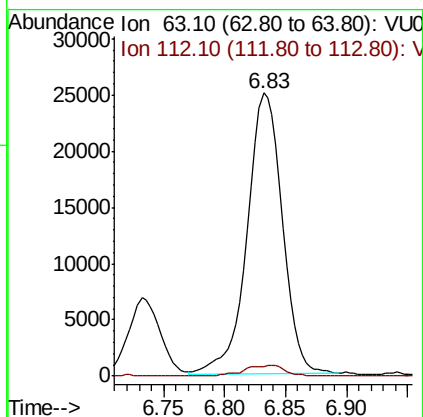
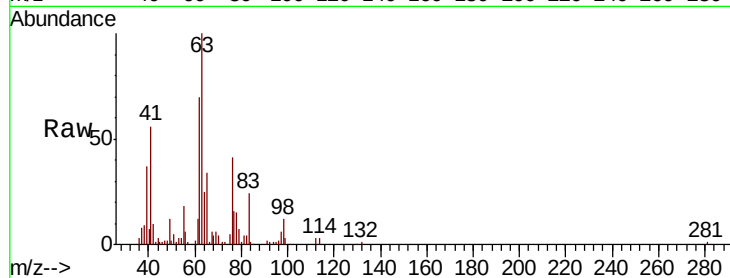




#37
 1,2-Dichloropropane
 Concen: 2.246 ug/L
 RT: 6.83 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: VU035744.D
 Acq: 18 Nov 2019 15:06

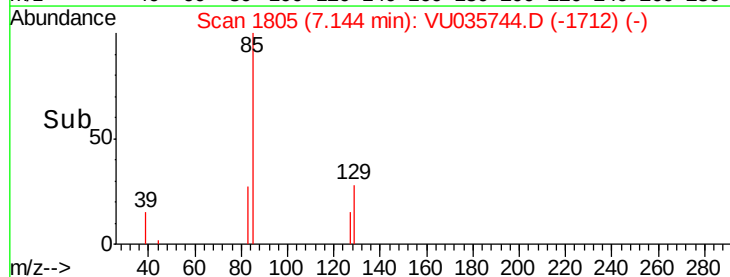
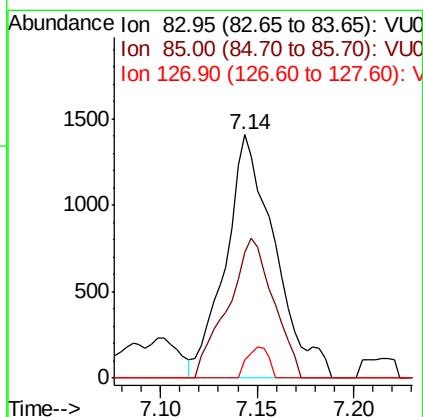
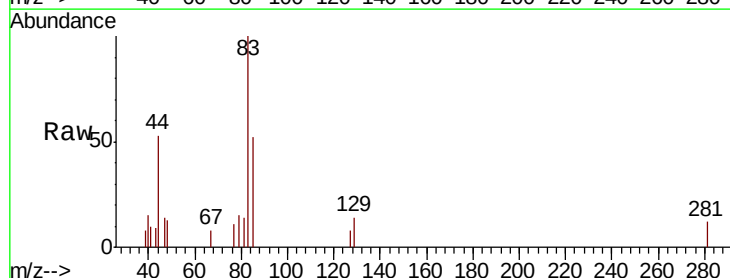
Instrument :
 MSVOA_U
 ClientSampled :

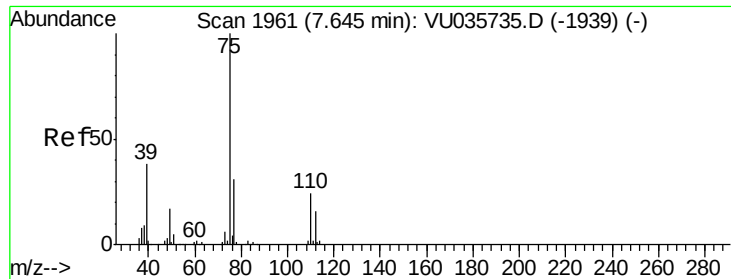
Tot Ion: 63 Resp: 50001
 Ion Ratio Lower Upper
 63 100
 112 4.4 3.4 5.2



#38
 Bromodichloromethane
 Concen: 0.092 ug/L
 RT: 7.14 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VU035744.D
 Acq: 18 Nov 2019 15:06

Tgt Ion: 83 Resp: 2488
 Ion Ratio Lower Upper
 83 100
 85 51.6 44.7 82.9
 127 7.5 7.1 10.7

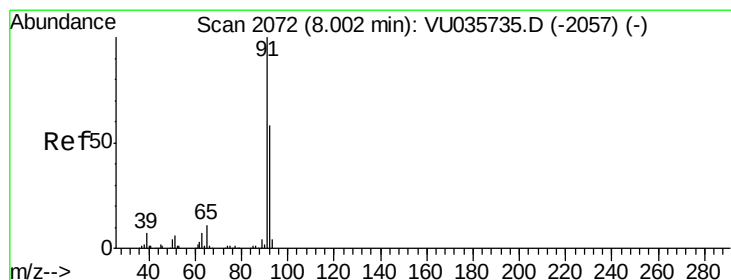
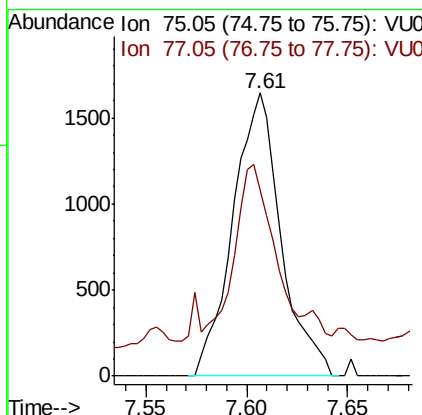
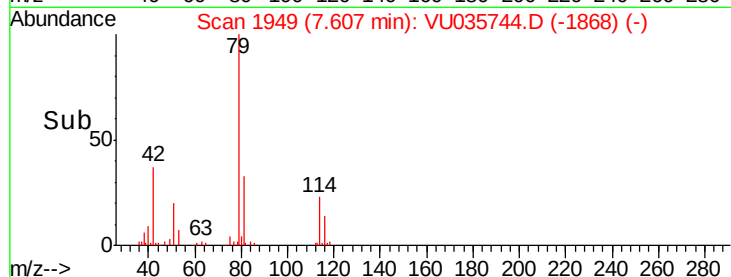
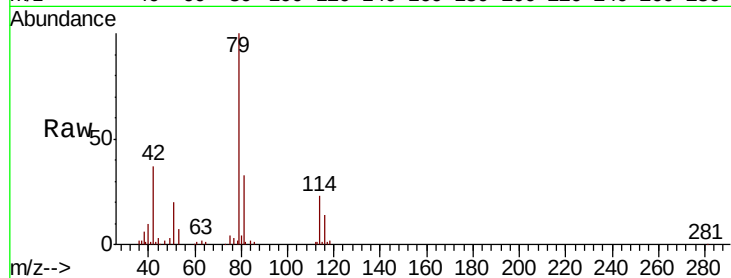




#39
 cis-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.61 min Scan# 1949
 Delta R.T. -0.04 min
 Lab File: VU035744.D
 Acq: 18 Nov 2019 15:06

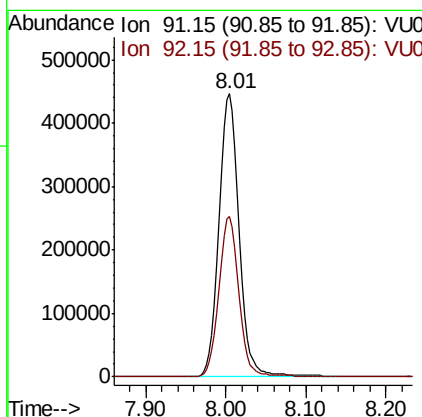
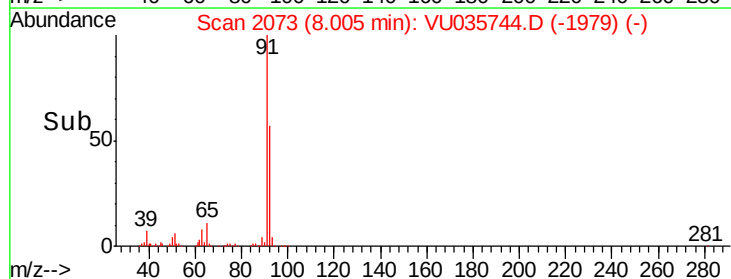
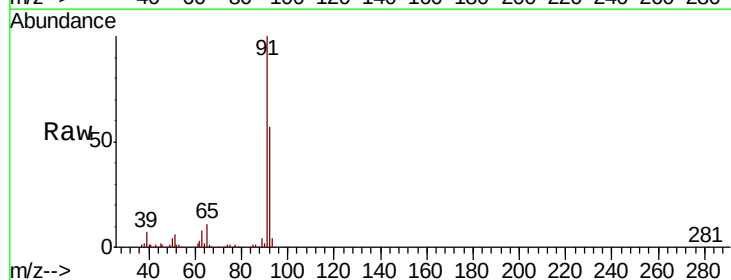
Instrument :
 MSVOA_U
 ClientSampleId :

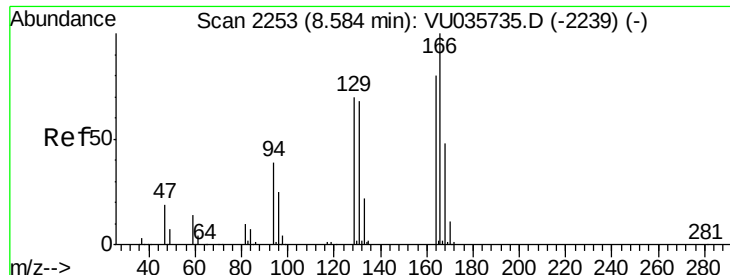
Tot Ion: 75 Resp: 2739
 Ion Ratio Lower Upper
 75 100
 77 65.6 22.5 41.7#



#42
 Toluene
 Concen: 8.846 ug/L
 RT: 8.01 min Scan# 2073
 Delta R.T. 0.00 min
 Lab File: VU035744.D
 Acq: 18 Nov 2019 15:06

Tgt Ion: 91 Resp: 786390
 Ion Ratio Lower Upper
 91 100
 92 56.7 40.5 75.3





#47

Tetrachloroethene

Concen: 9.033 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VU035744.D

Acq: 18 Nov 2019 15:06

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 170213

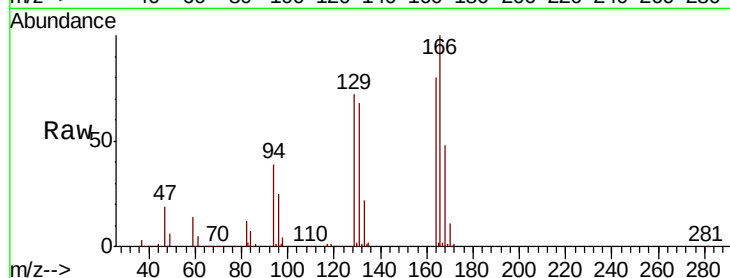
Ion Ratio Lower Upper

164 100

129 89.7 64.7 120.1

131 85.2 61.6 114.4

166 125.4 91.8 170.4



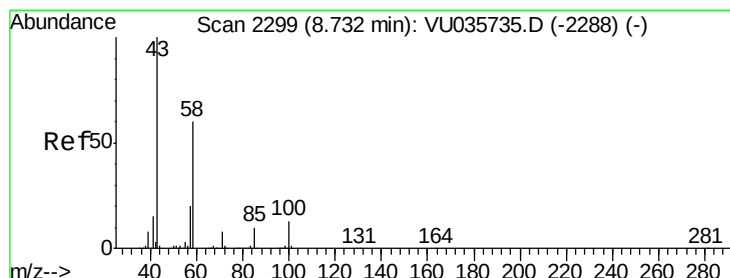
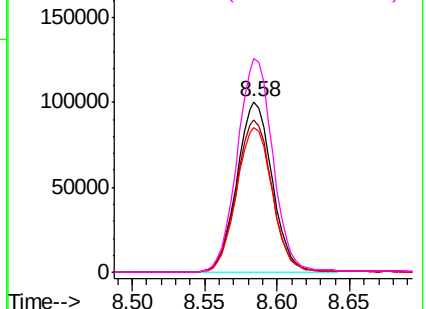
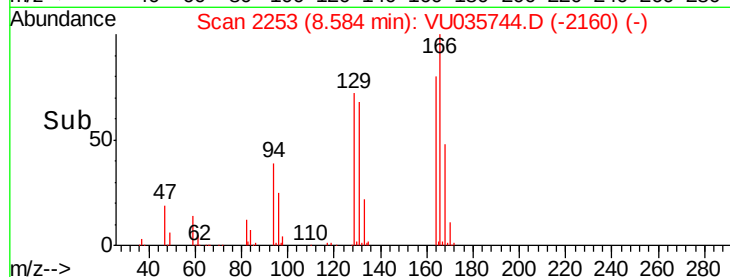
Abundance

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: 49.583 ug/L

RT: 8.73 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VU035744.D

Acq: 18 Nov 2019 15:06

Tgt Ion: 43 Resp: 451114

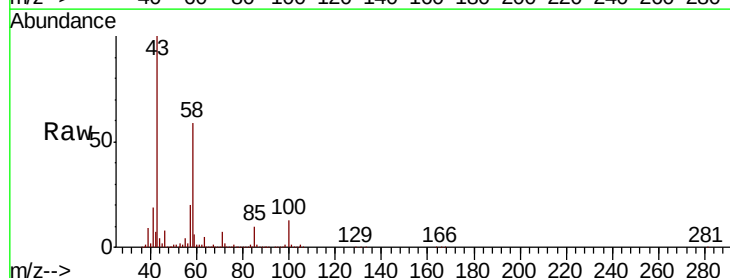
Ion Ratio Lower Upper

43 100

58 54.4 44.1 66.1

57 17.4 15.1 22.7

100 11.6 9.4 14.2



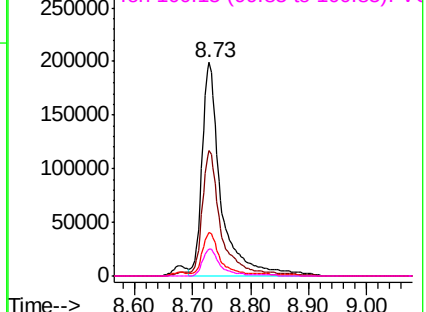
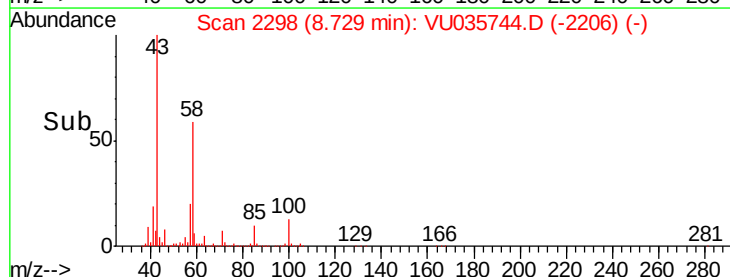
Abundance

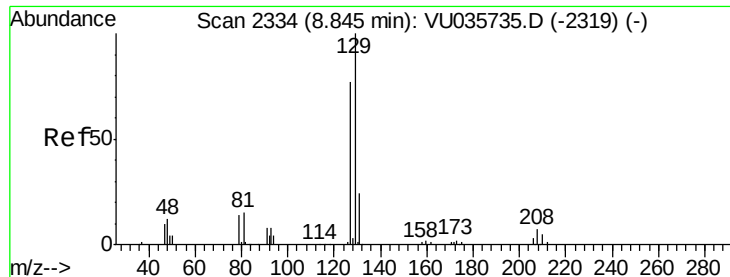
Ion 43.05 (42.75 to 43.75): VU0

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: 7.722 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.26 min

Lab File: VU035744.D

Acq: 18 Nov 2019 15:06

Instrument :

MSVOA_U

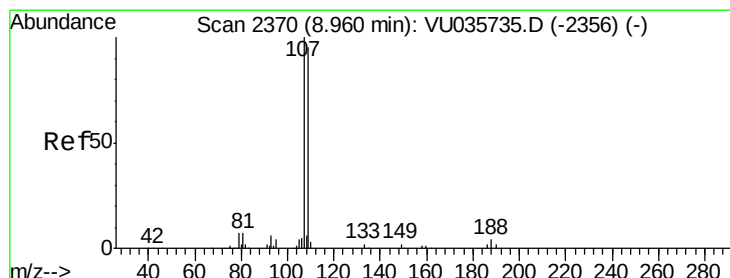
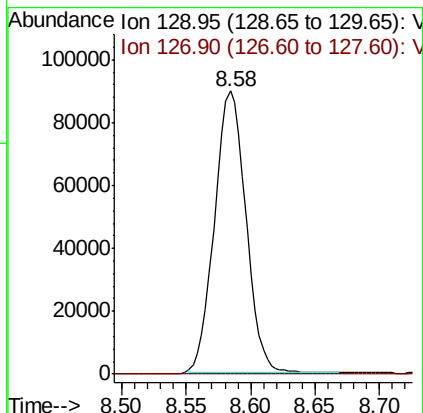
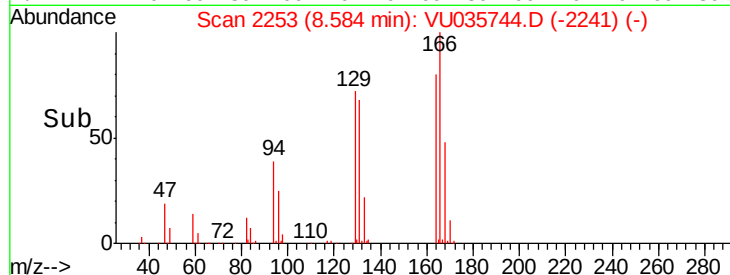
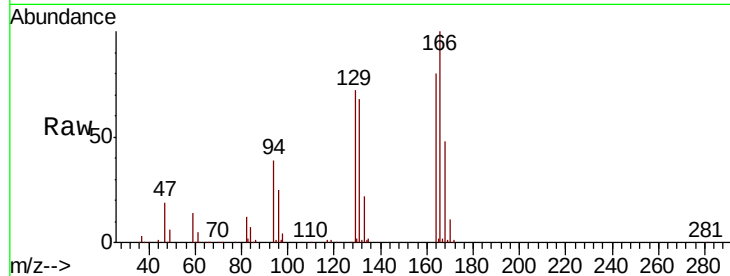
ClientSampled :

Tot Ion:129 Resp: 151873

Ion Ratio Lower Upper

129 100

127 0.0 53.1 98.5#



#50

1,2-Dibromoethane

Concen: 16.563 ug/L

RT: 8.96 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VU035744.D

Acq: 18 Nov 2019 15:06

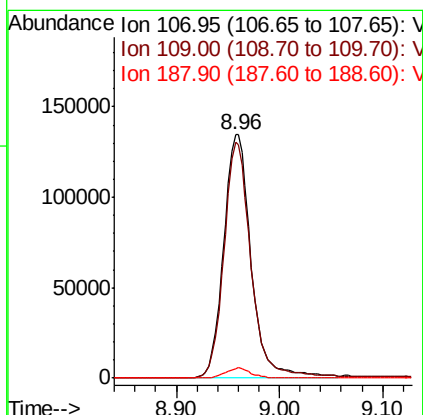
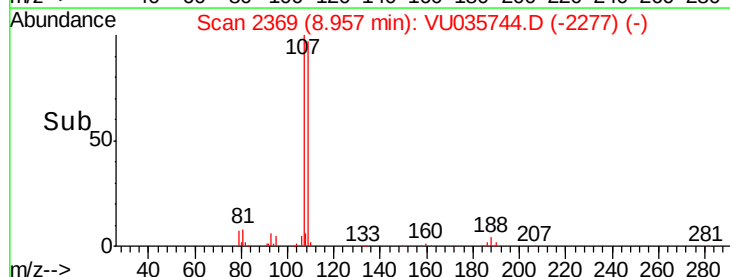
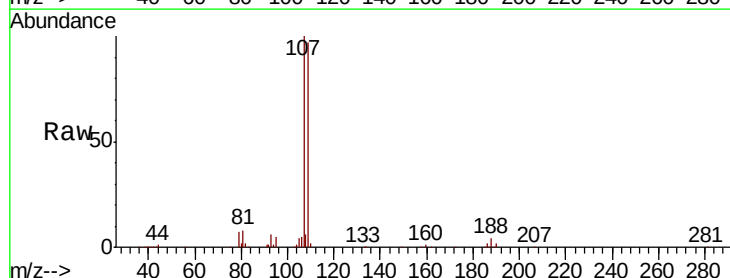
Tgt Ion:107 Resp: 250549

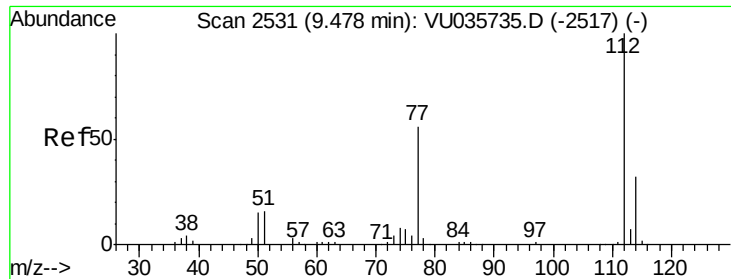
Ion Ratio Lower Upper

107 100

109 97.0 66.5 123.5

188 3.9 3.1 4.7

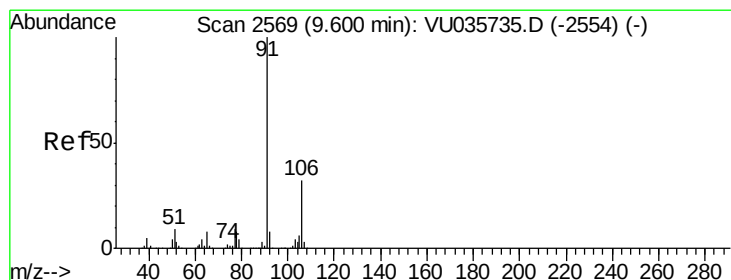
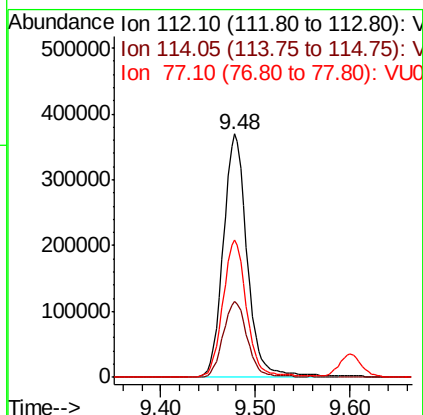
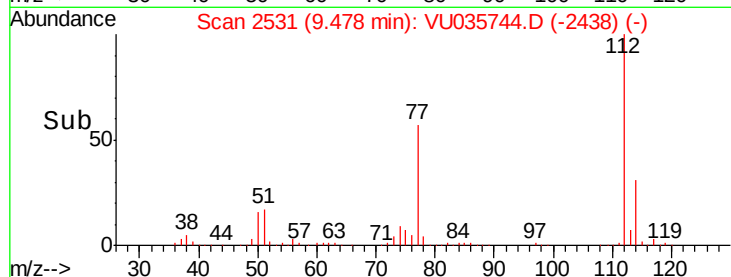
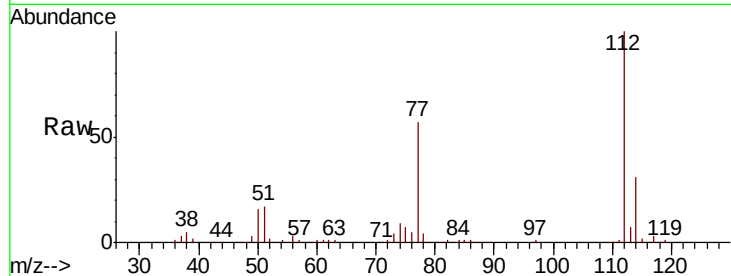




#51
Chlorobenzene
Concen: 11.178 ug/L
RT: 9.48 min Scan# 2531
Delta R.T. -0.00 min
Lab File: VU035744.D
Acq: 18 Nov 2019 15:06

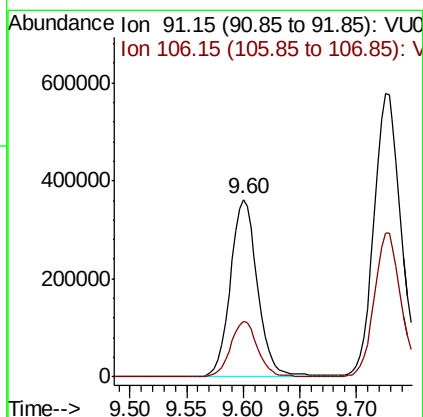
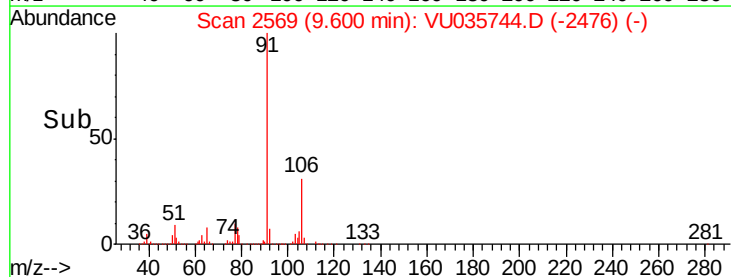
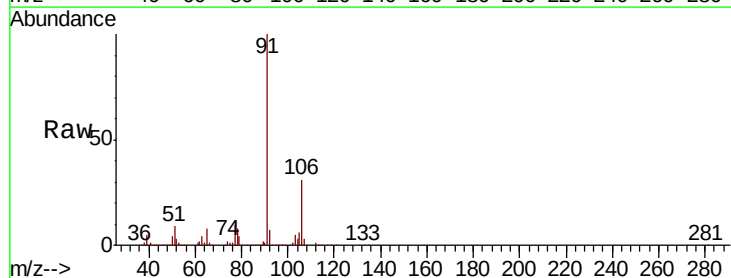
Instrument :
MSVOA_U
ClientSampleId :

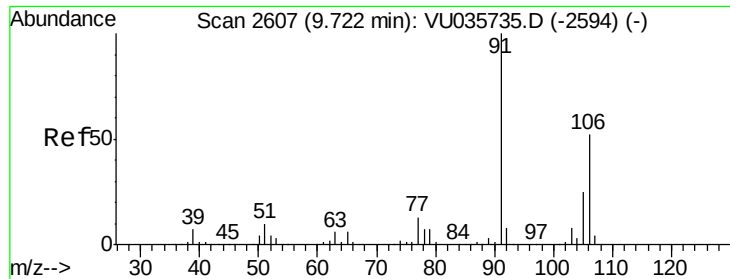
Tot Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.3	41.5
77	56.5	44.3	66.5



#52
Ethylbenzene
Concen: 6.515 ug/L
RT: 9.60 min Scan# 2569
Delta R.T. -0.00 min
Lab File: VU035744.D
Acq: 18 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.3	22.4	41.6

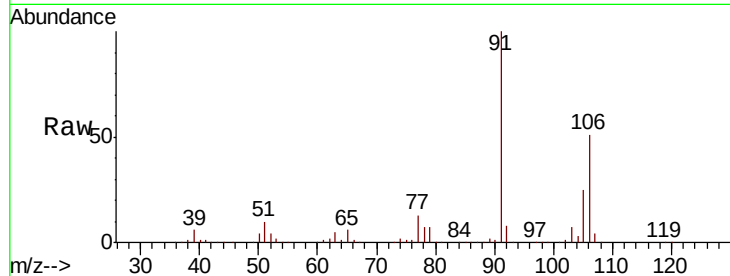




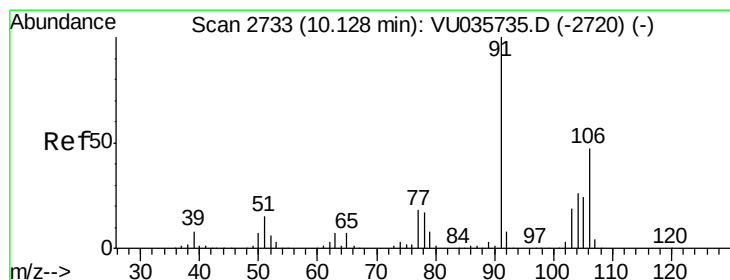
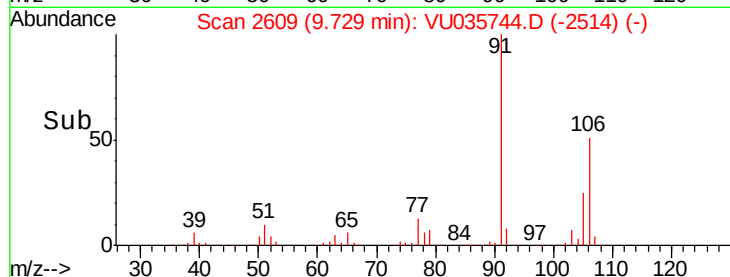
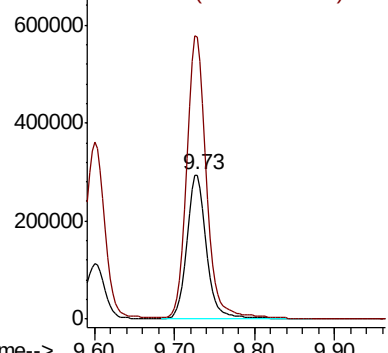
#53
m,p-Xylene
Concen: 14.241 ug/L
RT: 9.73 min Scan# 2609
Delta R.T. 0.01 min
Lab File: VU035744.D
Acq: 18 Nov 2019 15:06

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:106 Resp: 504487
Ion Ratio Lower Upper
106 100
91 195.8 139.4 259.0

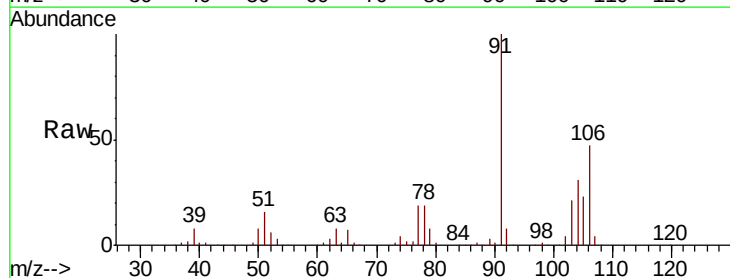


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

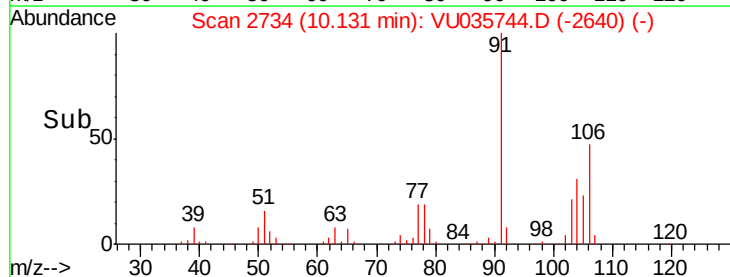
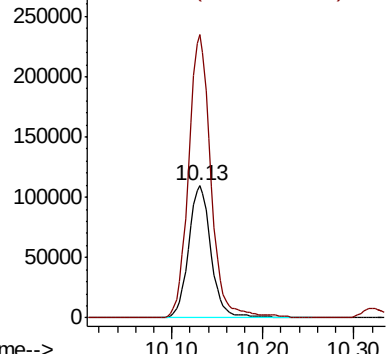


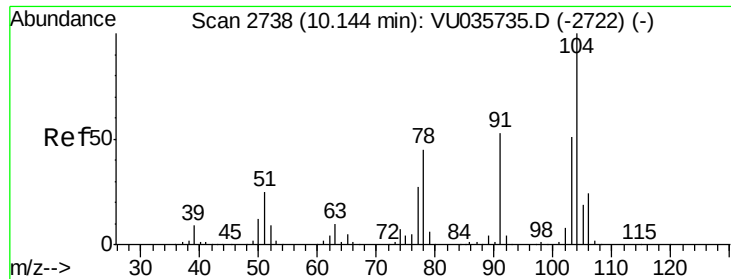
#54
o-Xylene
Concen: 5.496 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU035744.D
Acq: 18 Nov 2019 15:06

Tgt Ion:106 Resp: 188148
Ion Ratio Lower Upper
106 100
91 214.7 147.7 274.3



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

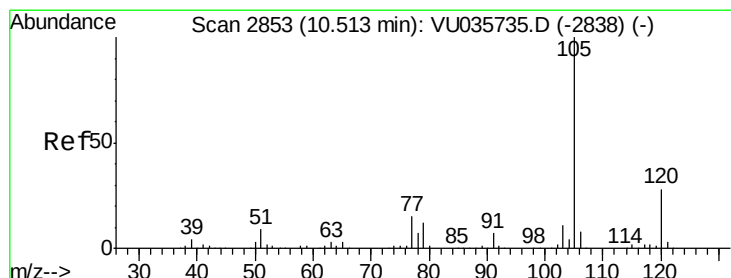
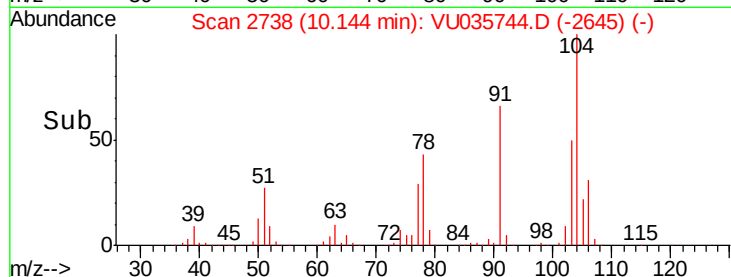
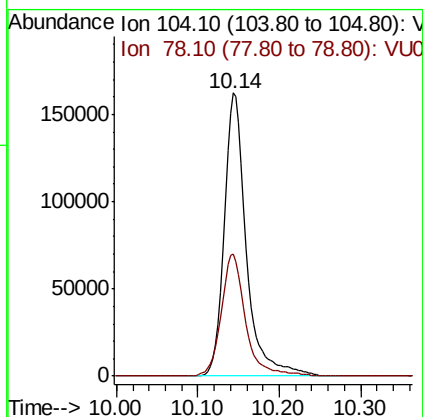
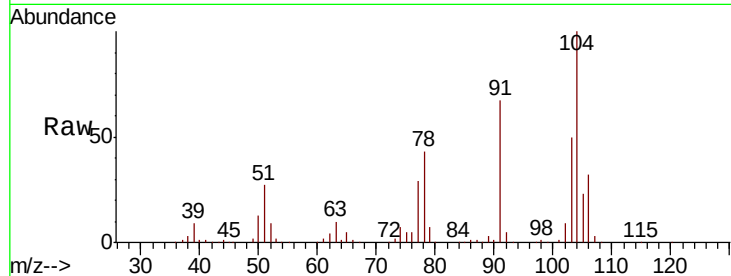




#55
Stvrene
Concen: 5.495 ug/L
RT: 10.14 min Scan# 2738
Delta R.T. -0.00 min
Lab File: VU035744.D
Acq: 18 Nov 2019 15:06

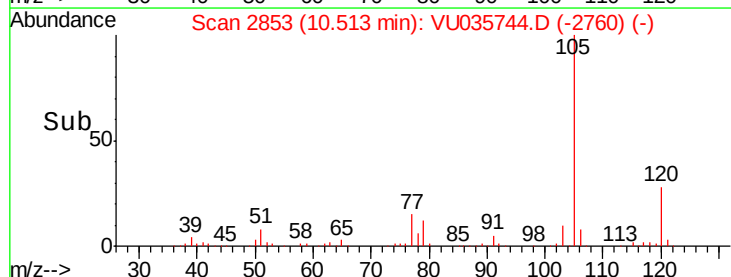
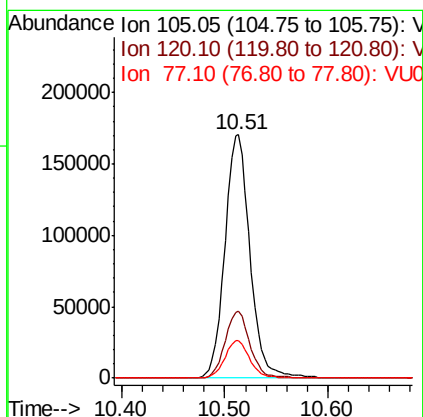
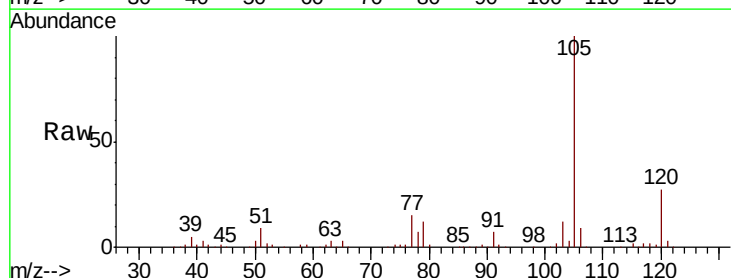
Instrument :
MSVOA_U
ClientSampleId :

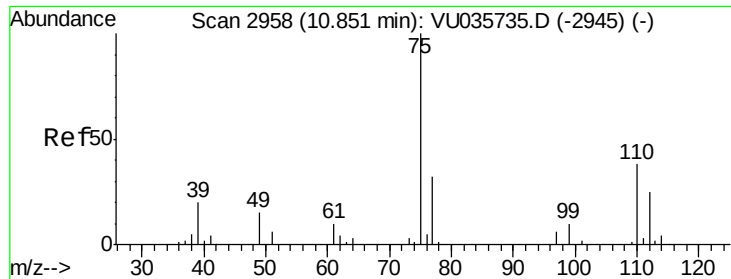
Tot Ion:104 Resp: 311055
Ion Ratio Lower Upper
104 100
78 42.9 30.8 57.2



#56
Isopropylbenzene
Concen: 3.197 ug/L
RT: 10.51 min Scan# 2853
Delta R.T. -0.00 min
Lab File: VU035744.D
Acq: 18 Nov 2019 15:06

Tgt Ion:105 Resp: 288830
Ion Ratio Lower Upper
105 100
120 27.3 21.4 32.2
77 15.4 11.8 17.8

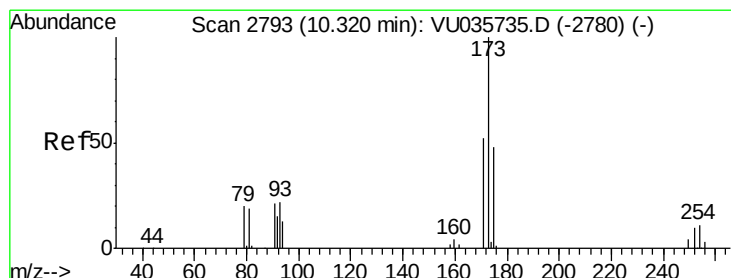
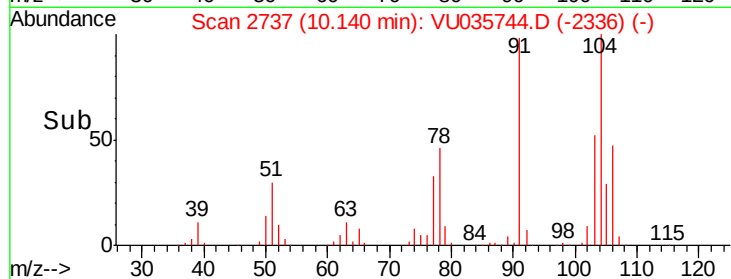
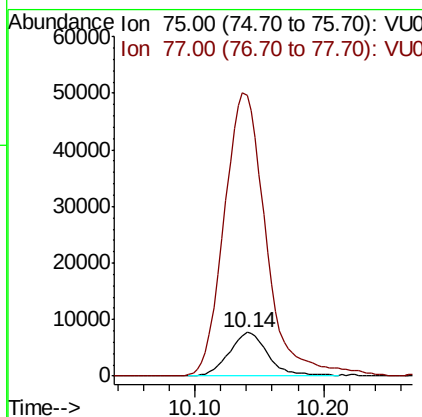
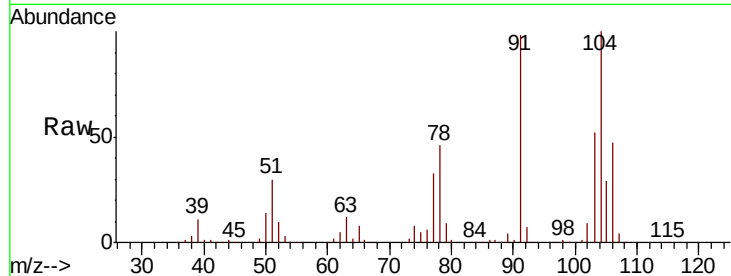




#59
 1,2,3-Trichloropropane
 Concen: 1.111 ug/L
 RT: 10.14 min Scan# 2737
 Delta R.T. -0.71 min
 Lab File: VU035744.D
 Acq: 18 Nov 2019 15:06

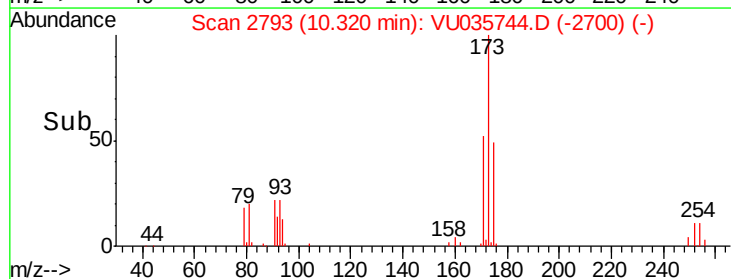
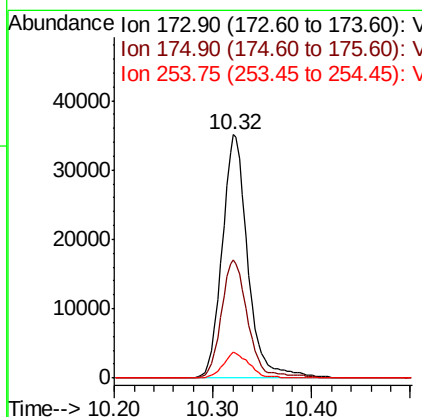
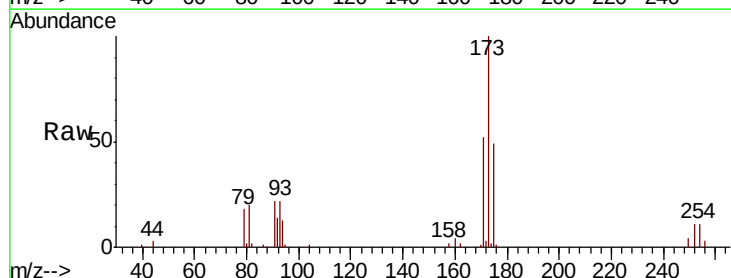
Instrument :
 MSVOA_U
 ClientSampled :

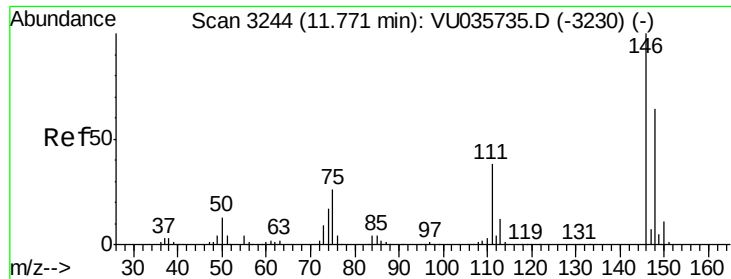
Tot Ion: 75 Resp: 16363
 Ion Ratio Lower Upper
 75 100
 77 693.9 26.8 40.2#



#61
 Bromoform
 Concen: 6.419 ug/L
 RT: 10.32 min Scan# 2793
 Delta R.T. -0.00 min
 Lab File: VU035744.D
 Acq: 18 Nov 2019 15:06

Tgt Ion:173 Resp: 64102
 Ion Ratio Lower Upper
 173 100
 175 49.3 39.0 58.4
 254 10.6 8.5 12.7





#62

1,3-Dichlorobenzene

Concen: 4.238 ug/L

RT: 11.87 min Scan# 3274

Delta R.T. 0.10 min

Lab File: VU035744.D

Acq: 18 Nov 2019 15:06

Instrument :

MSVOA_U

ClientSampleId :

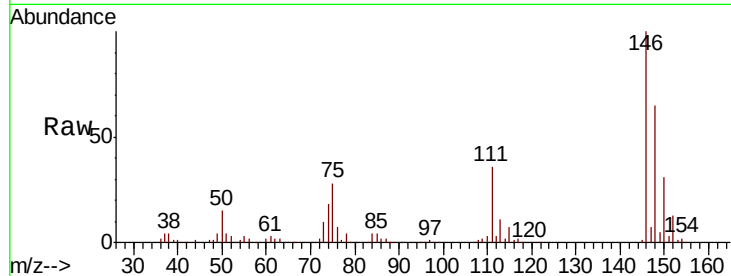
Tot Ion:146 Resp: 156571

Ion Ratio Lower Upper

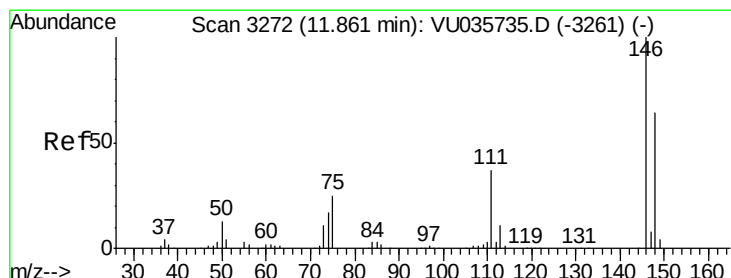
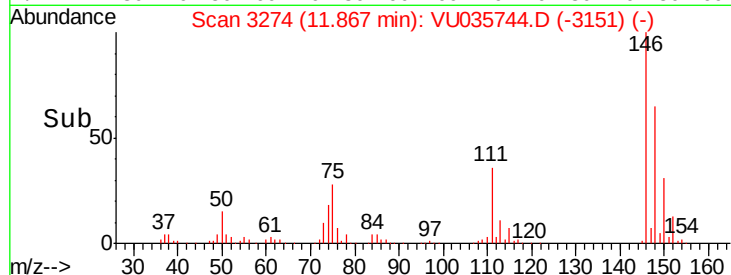
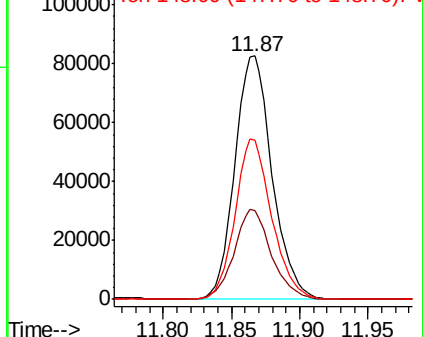
146 100

111 36.5 26.7 49.5

148 65.1 44.5 82.7



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 4.401 ug/L

RT: 11.87 min Scan# 3274

Delta R.T. 0.01 min

Lab File: VU035744.D

Acq: 18 Nov 2019 15:06

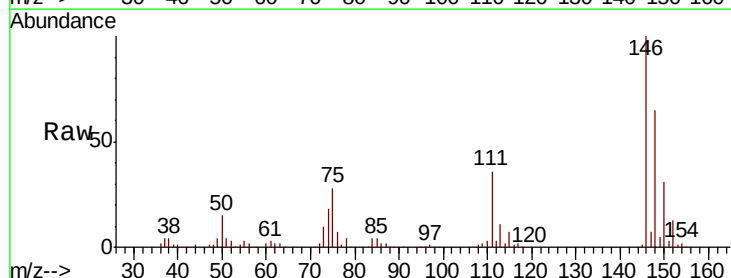
Tgt Ion:146 Resp: 156571

Ion Ratio Lower Upper

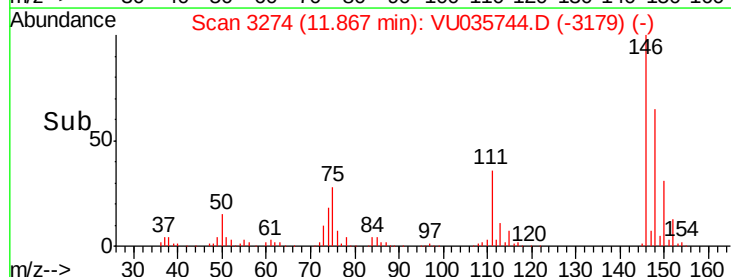
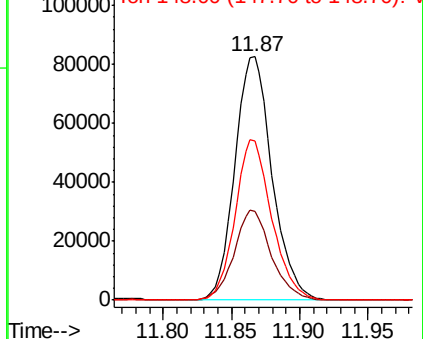
146 100

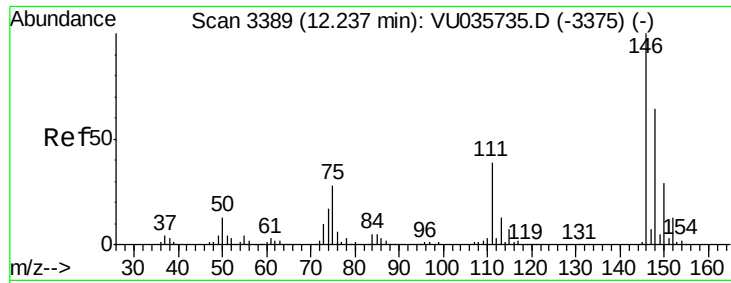
111 36.5 25.9 48.1

148 65.1 44.1 81.9



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 13.210 ug/L

RT: 12.24 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU035744.D

Acq: 18 Nov 2019 15:06

Instrument :

MSVOA_U

ClientSampleId :

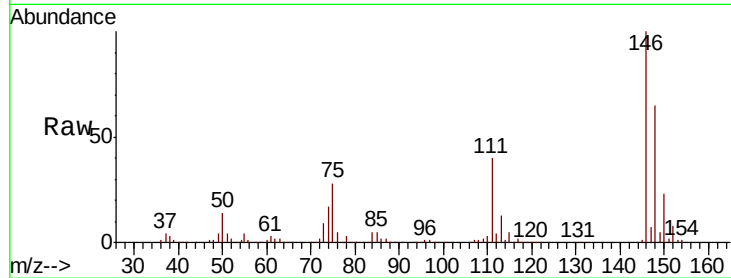
Tot Ion:146 Resp: 457999

Ion Ratio Lower Upper

146 100

111 40.0 32.2 48.4

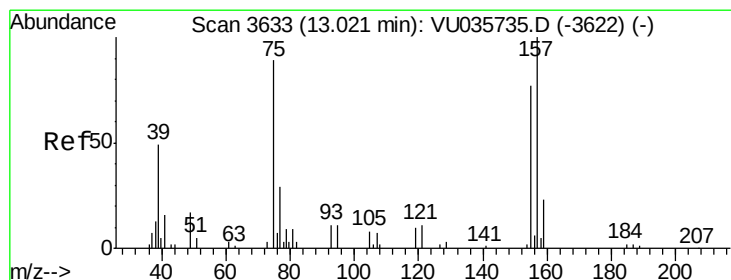
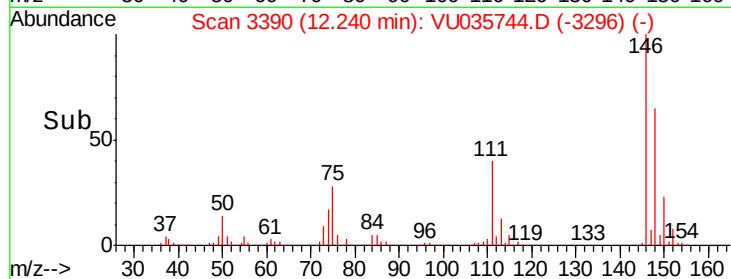
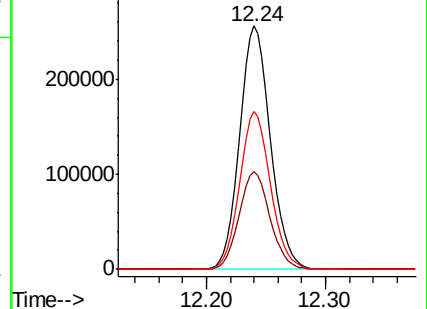
148 65.0 50.7 76.1



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 4.485 ug/L

RT: 13.02 min Scan# 3634

Delta R.T. 0.00 min

Lab File: VU035744.D

Acq: 18 Nov 2019 15:06

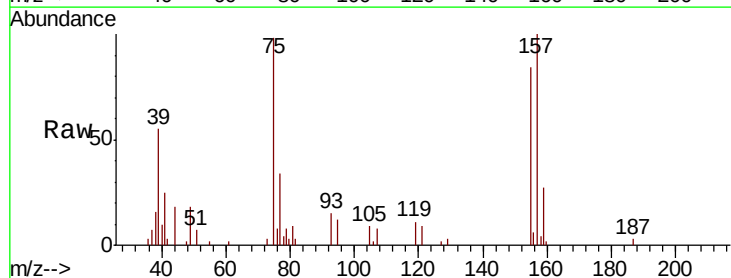
Tgt Ion: 75 Resp: 9894

Ion Ratio Lower Upper

75 100

155 85.4 73.3 109.9

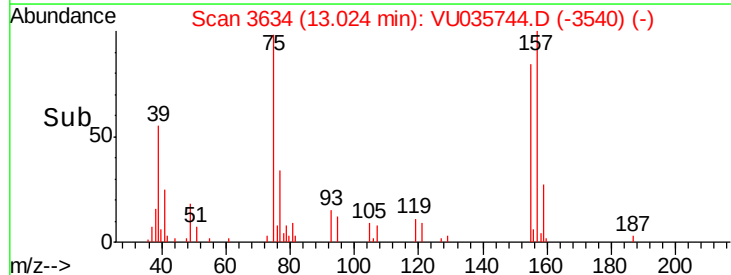
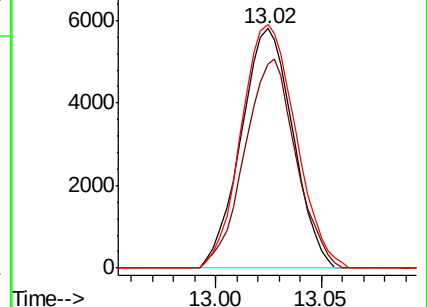
157 101.7 102.2 153.4#

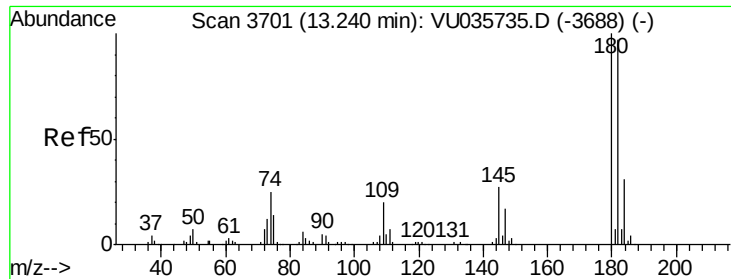


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

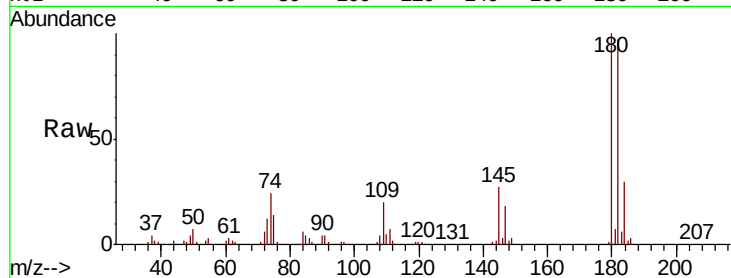




#67
 1,3,5-Trichlorobenzene
 Concen: 4.904 ug/L
 RT: 13.24 min Scan# 3702
 Delta R.T. 0.00 min
 Lab File: VU035744.D
 Acq: 18 Nov 2019 15:06

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.9	113.9
184	30.2	24.1	36.1
145	26.9	21.5	32.3



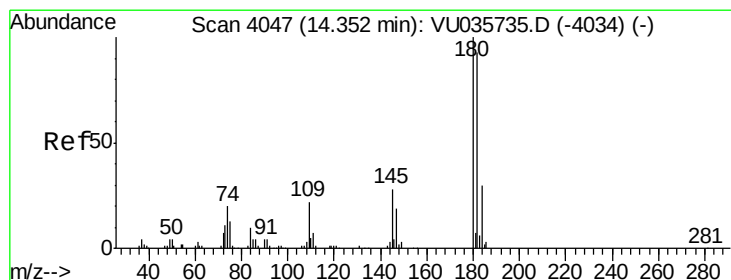
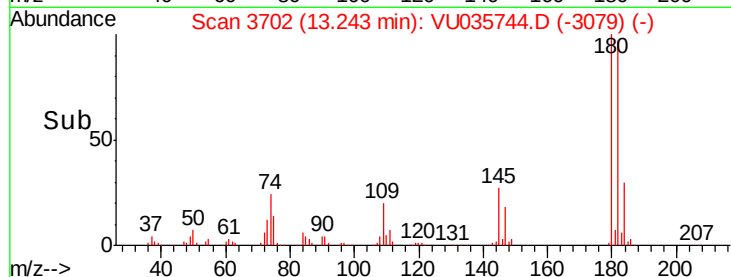
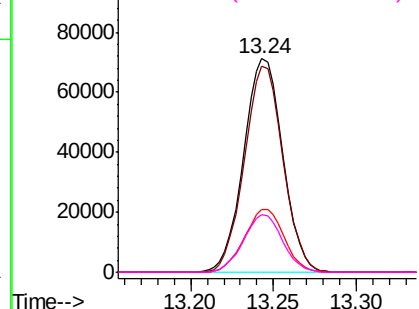
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

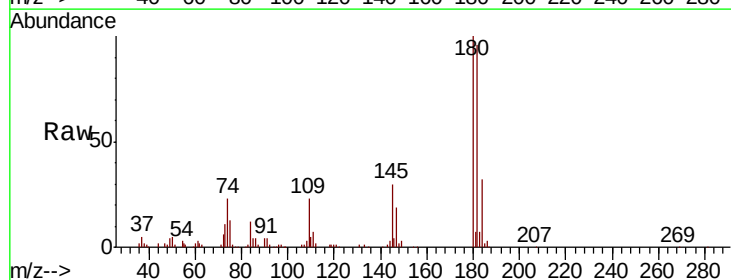
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 8.960 ug/L
 RT: 14.35 min Scan# 4047
 Delta R.T. -0.00 min
 Lab File: VU035744.D
 Acq: 18 Nov 2019 15:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	74.8	112.2
145	29.5	23.6	35.4



Abundance

Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

