

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 :
 GAQL6

Quant Time: Nov 19 08:44:07 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
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
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
34) Trichloroethene	6.58	95	116186	5.373	ug/L	99
35) Methylcyclohexane	6.80	83	204837	6.218	ug/L	99
37) 1,2-Dichloropropane	6.83	63	50001	2.246	ug/L	100
42) Toluene	8.01	91	786390	8.846	ug/L	98

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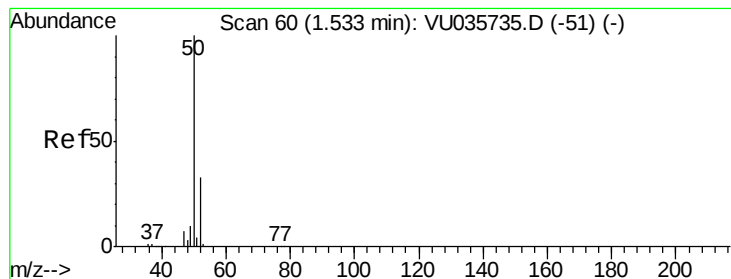
Instrument :
 MSVOA_U
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

47) Tetrachloroethene	8.58	164	170213	9.033	ug/L	96
48) 2-Hexanone	8.73	43	451114	49.583	ug/L	99
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
61) Bromoform	10.32	173	64102	6.419	ug/L	99
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
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

ClientSampleId :

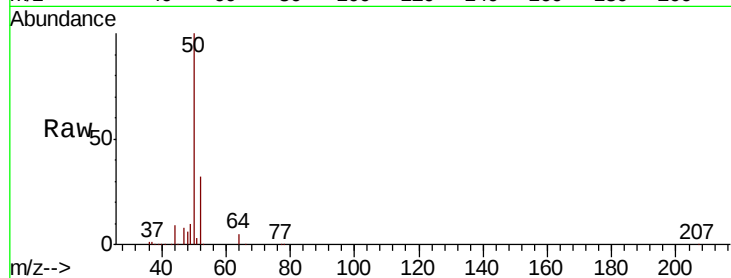
GAQL6

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) (-)

1.54

100000

80000

60000

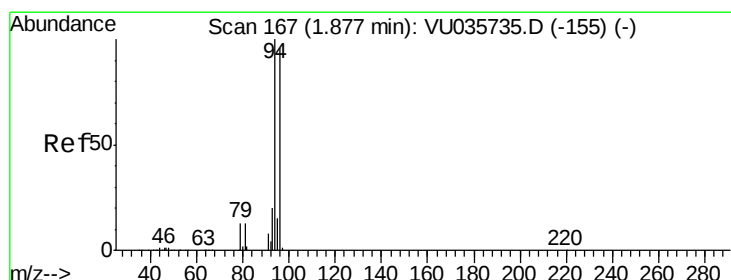
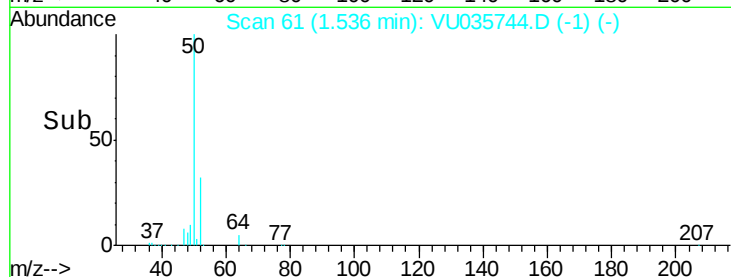
40000

20000

0

1.50 1.55 1.60

Time-->



#6

Bromomethane

Concen: 4.104 ug/L

RT: 1.87 min Scan# 166

Delta R.T. -0.00 min

Lab File: VU035744.D

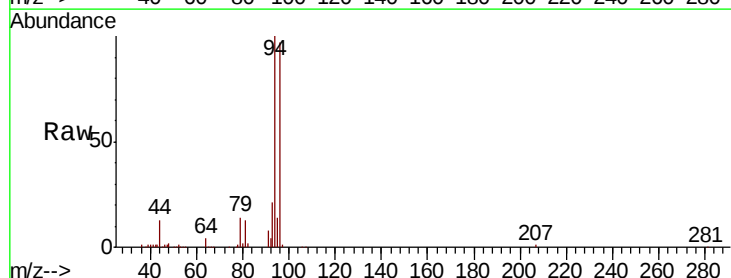
Acq: 18 Nov 2019 15:06

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) (-)

1.87

50000

40000

30000

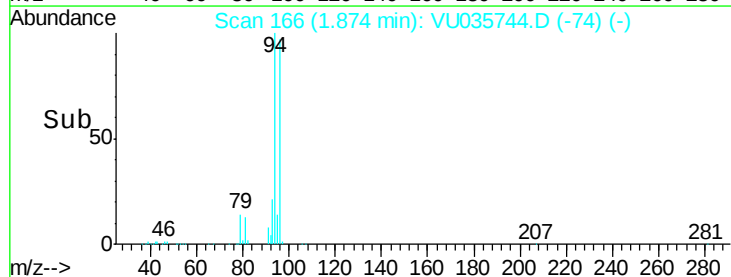
20000

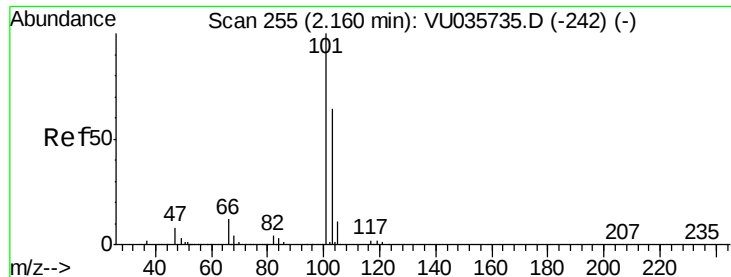
10000

0

1.80 1.85 1.90 1.95

Time-->



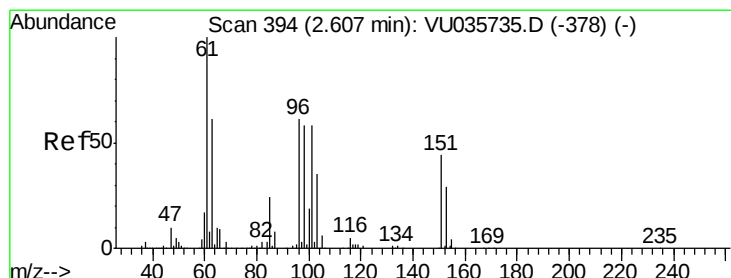
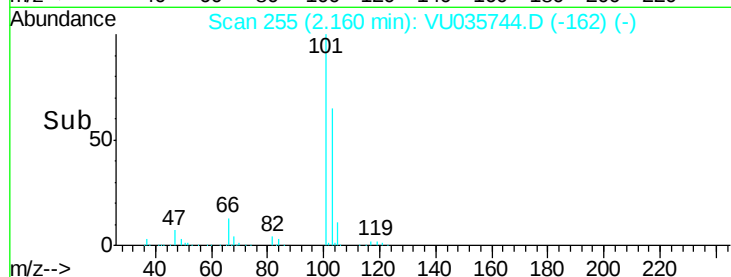
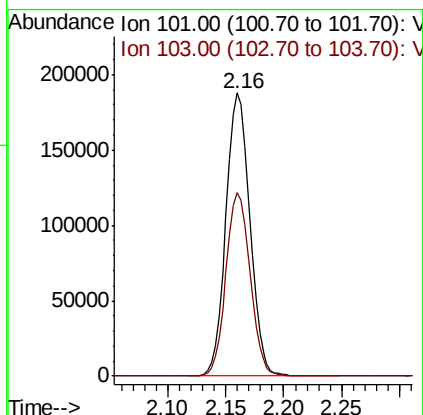
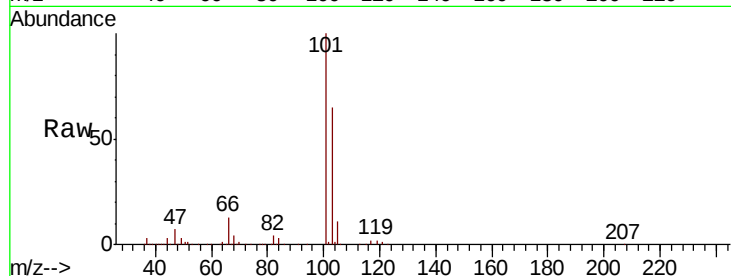


#9

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
 ClientSampled :
 GAQL6

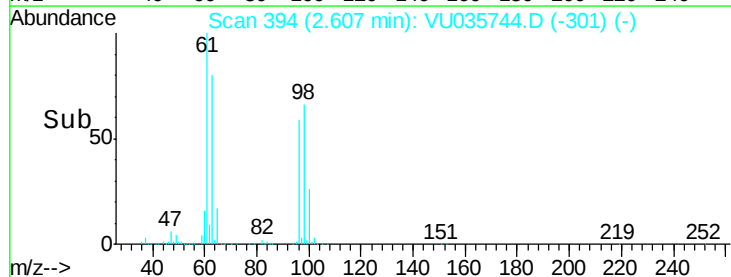
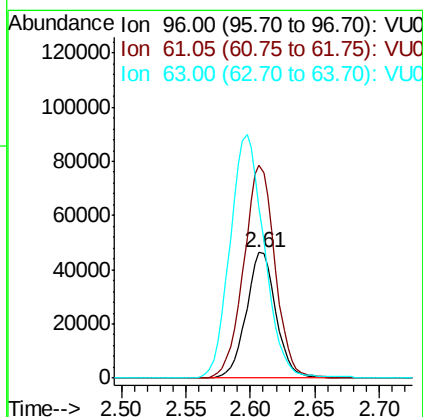
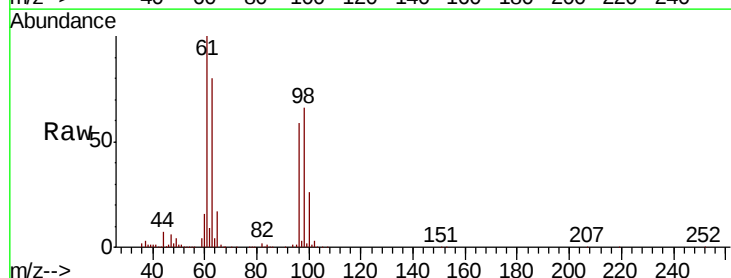
Tot Ion:101 Resp: 270161
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.8 77.6

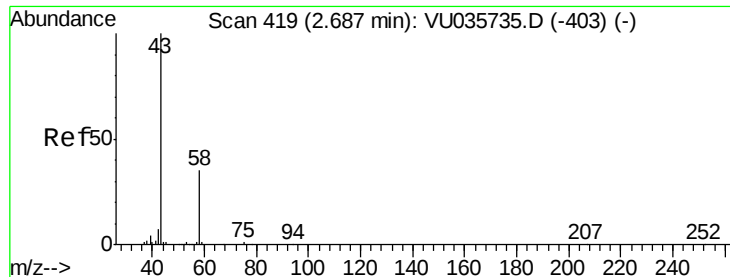


#12

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

Tgt 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

Instrument :

MSVOA_U

ClientSampleId :

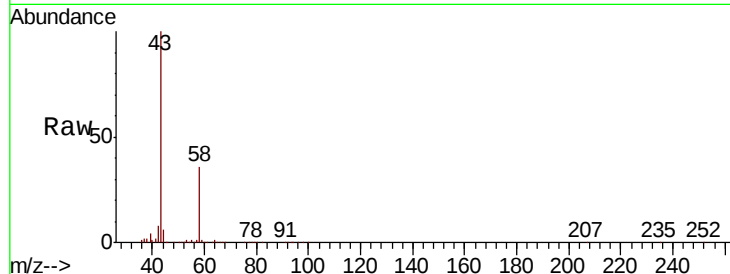
GAQL6

Tot Ion: 43 Resp: 208666

Ion Ratio Lower Upper

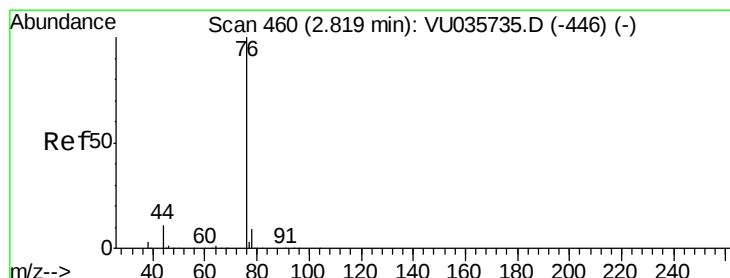
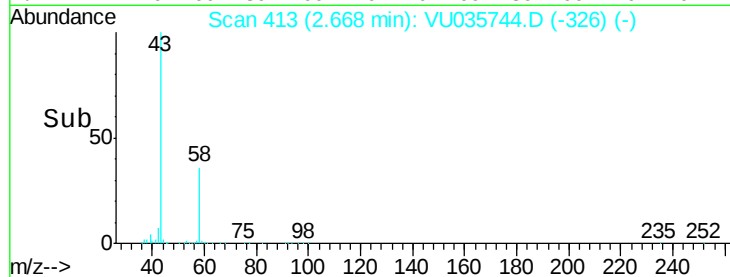
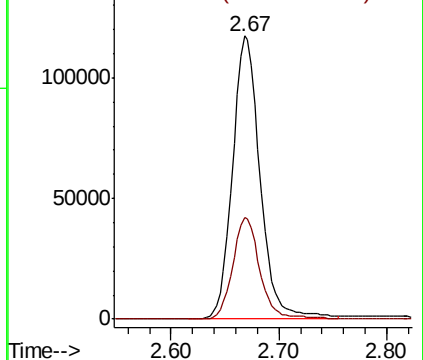
43 100

58 35.4 0.0 69.8



Abundance Ion 43.05 (42.75 to 43.75): VU035735.D (-403) (-)

Ion 58.05 (57.75 to 58.75): VU035735.D (-403) (-)



#14

Carbon disulfide

Concen: 5.886 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU035744.D

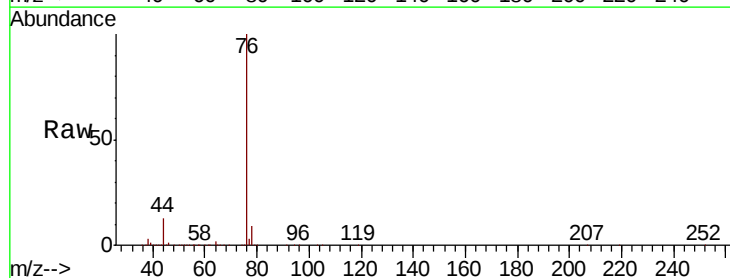
Acq: 18 Nov 2019 15:06

Tgt Ion: 76 Resp: 358574

Ion Ratio Lower Upper

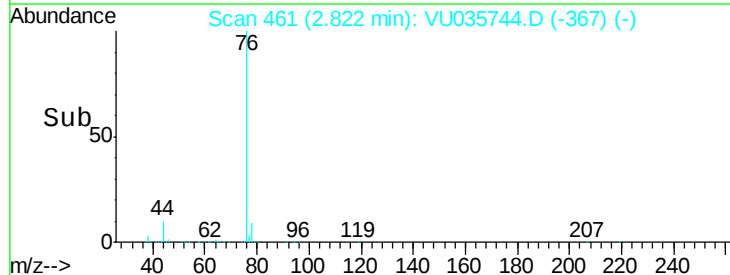
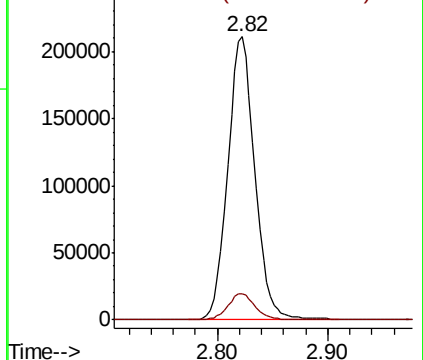
76 100

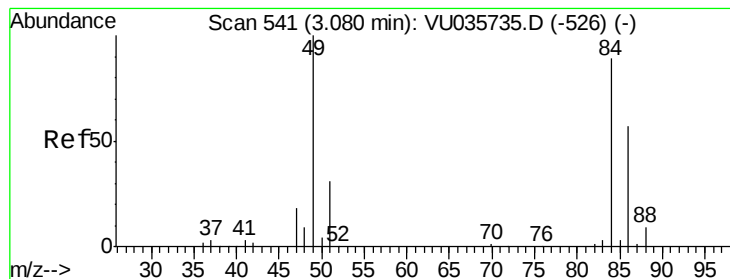
78 9.2 7.4 11.0



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

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





#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

Instrument :

MSVOA_U

ClientSampleId :

GAQL6

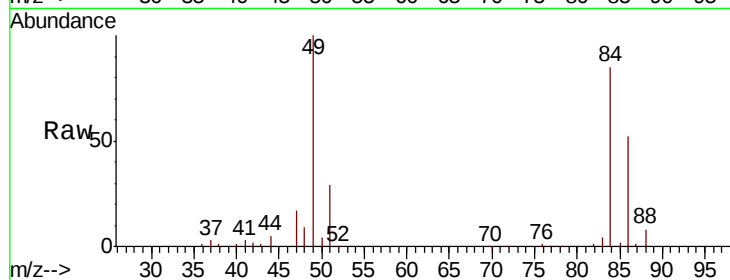
Tot Ion: 84 Resp: 58012

Ion Ratio Lower Upper

84 100

86 61.6 45.8 85.2

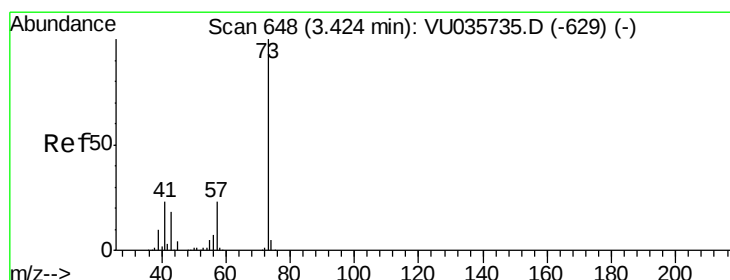
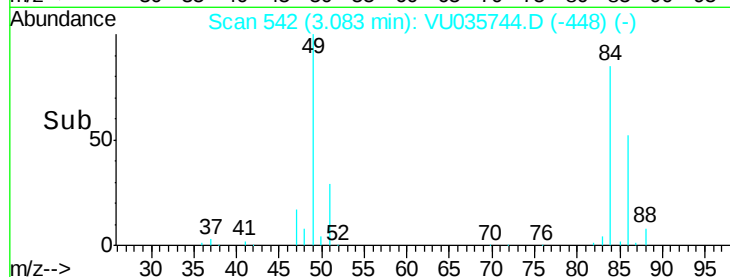
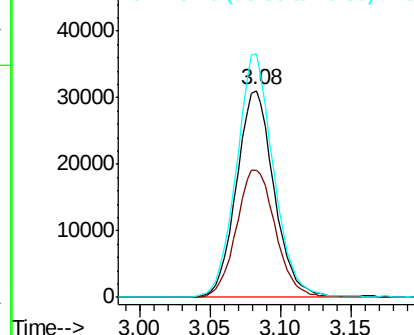
49 117.9 81.9 152.1



Abundance Ion 84.05 (83.75 to 84.75): VU035744.D (-448) (-)

Ion 86.00 (85.70 to 86.70): VU035744.D (-448) (-)

Ion 49.10 (48.80 to 49.80): VU035744.D (-448) (-)



#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

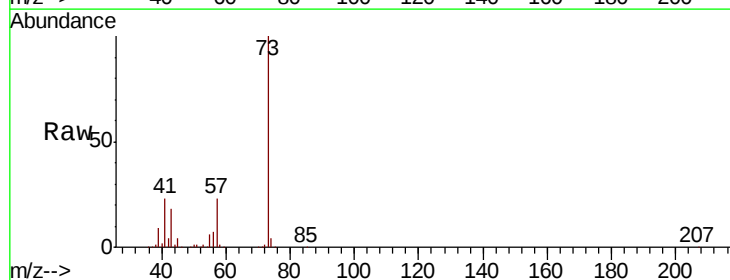
Tgt Ion: 73 Resp: 389171

Ion Ratio Lower Upper

73 100

43 18.1 14.4 21.6

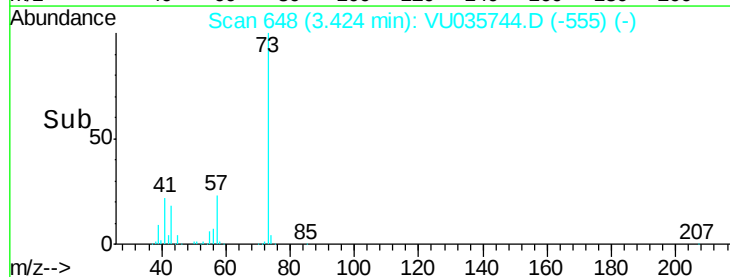
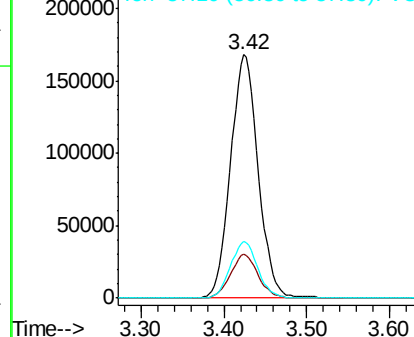
57 22.9 18.2 27.2

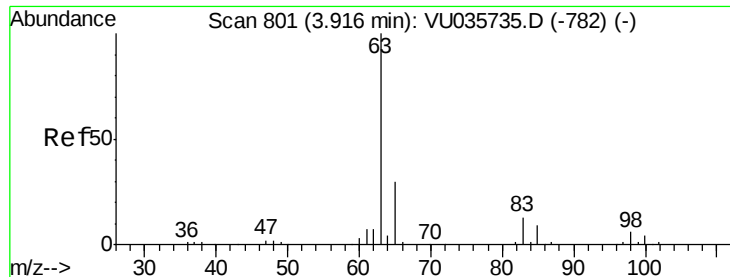


Abundance Ion 73.10 (72.80 to 73.80): VU035744.D (-555) (-)

Ion 43.05 (42.75 to 43.75): VU035744.D (-555) (-)

Ion 57.10 (56.80 to 57.80): VU035744.D (-555) (-)

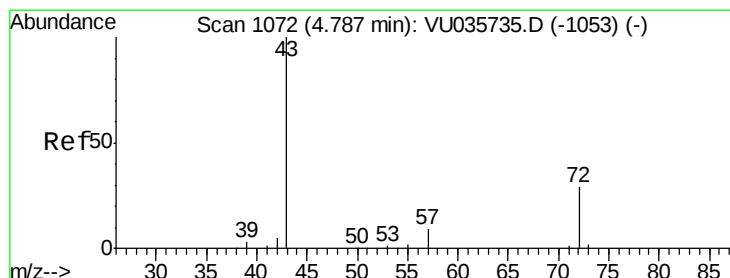
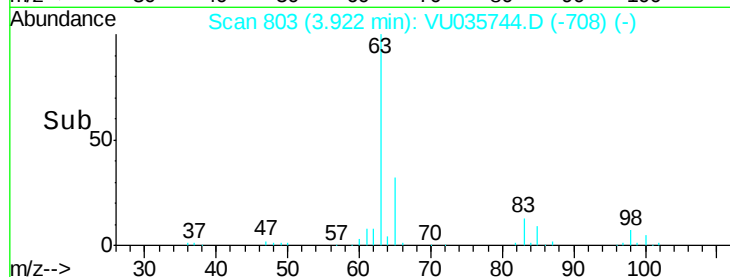
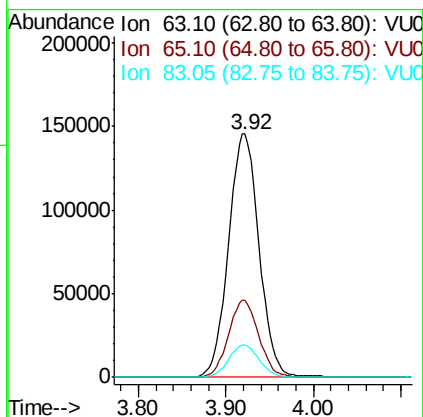
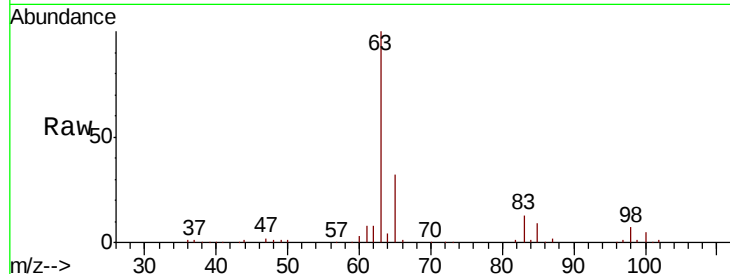




#19
 1,1-Dichloroethane
 Concen: 9.804 ug/L
 RT: 3.92 min Scan# 803
 Delta R.T. 0.01 min
 Lab File: VU035744.D
 Acq: 18 Nov 2019 15:06

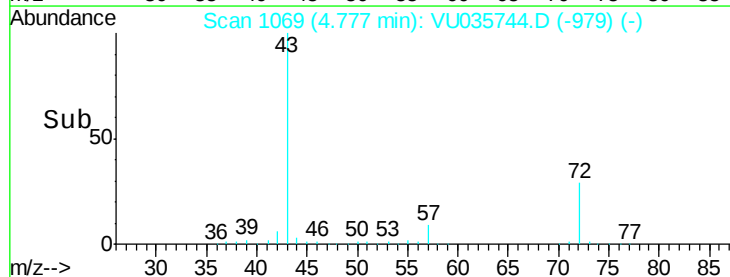
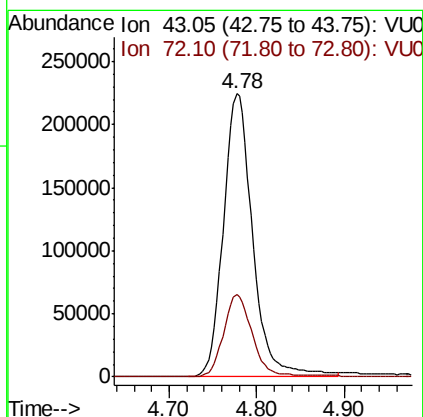
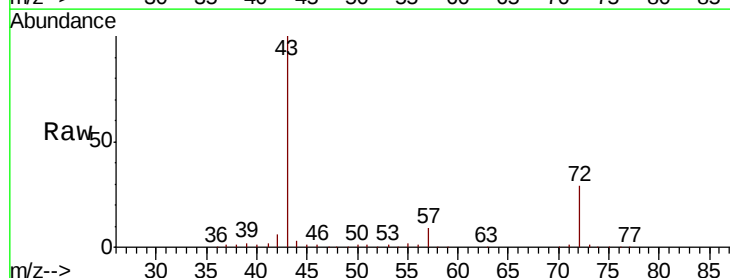
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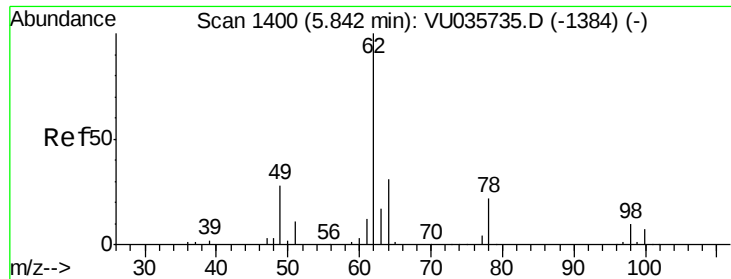
Tot Ion: 63 Resp: 352172
 Ion Ratio Lower Upper
 63 100
 65 31.8 22.0 40.8
 83 13.2 9.3 17.3



#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

Tgt Ion: 43 Resp: 517124
 Ion Ratio Lower Upper
 43 100
 72 28.9 14.3 42.9

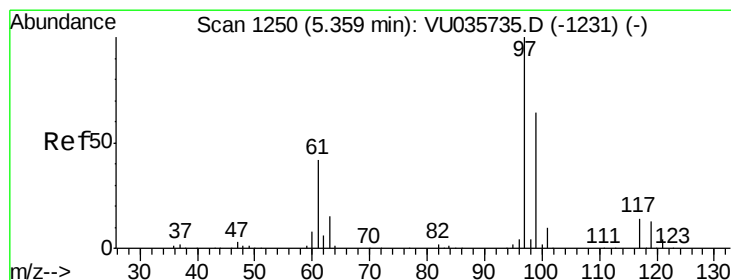
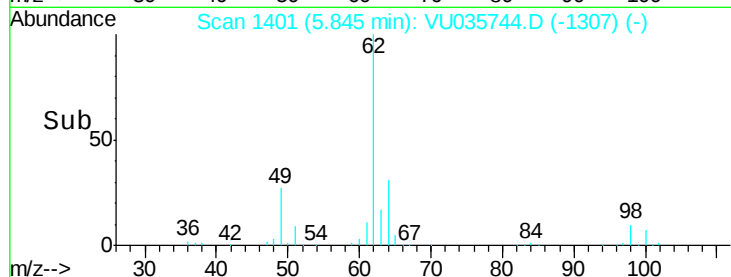
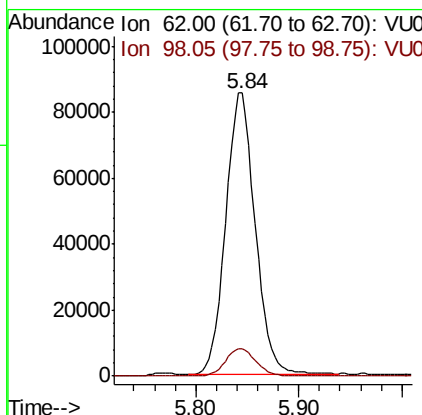
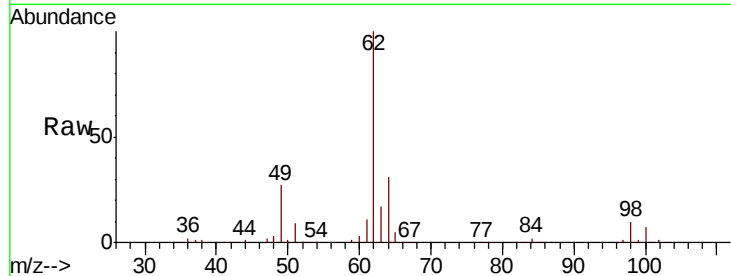




#27
 1,2-Dichloroethane
 Concen: 7.883 ug/L
 RT: 5.84 min Scan# 1401
 Delta R.T. 0.00 min
 Lab File: VU035744.D
 Acq: 18 Nov 2019 15:06

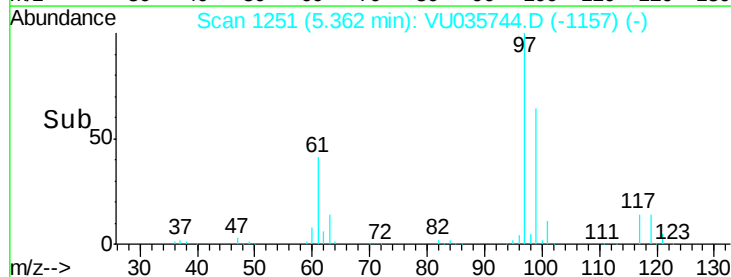
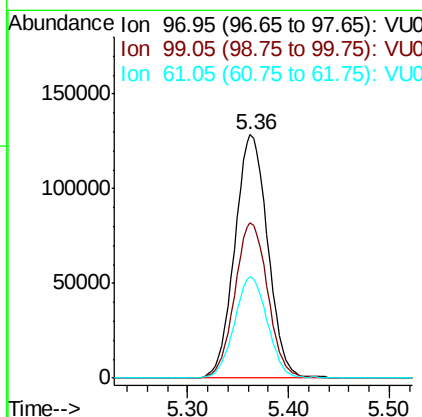
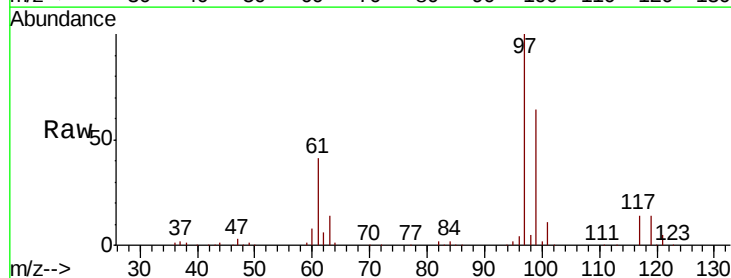
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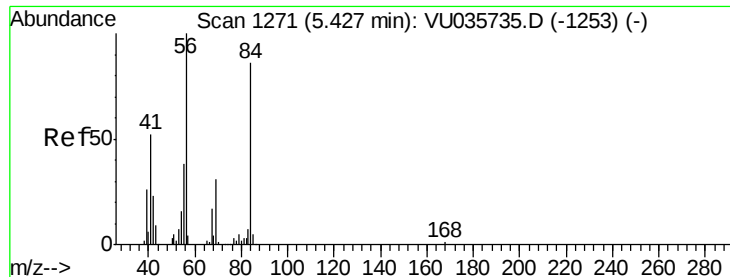
Tot Ion: 62 Resp: 171379
 Ion Ratio Lower Upper
 62 100
 98 9.9 8.0 12.0



#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

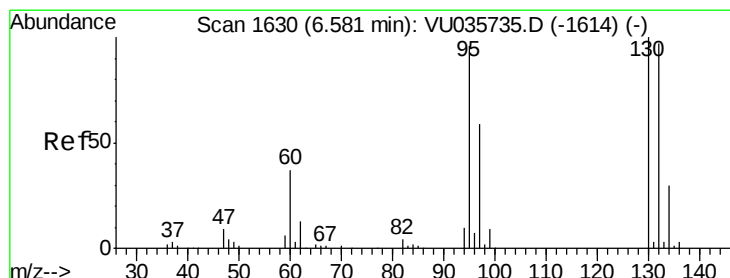
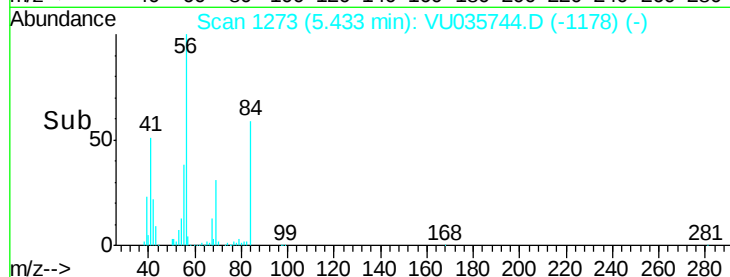
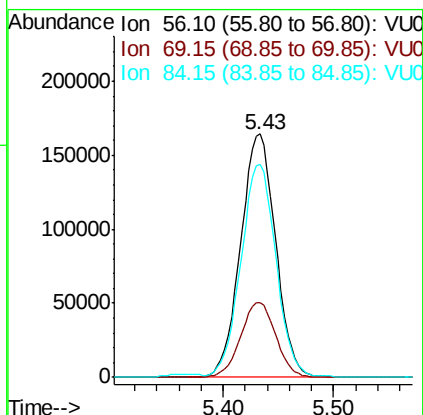
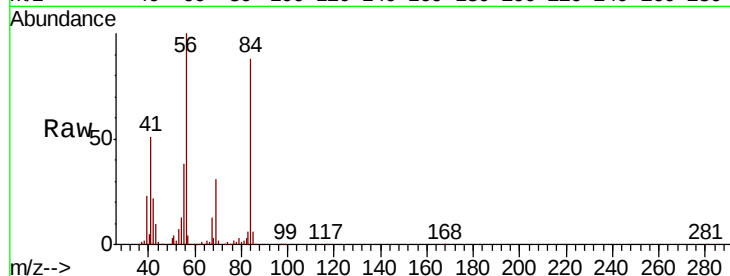




#30
Cvclohexane
Concen: 11.466 ug/L
RT: 5.43 min Scan# 1273
Delta R.T. 0.01 min
Lab File: VU035744.D
Acq: 18 Nov 2019 15:06

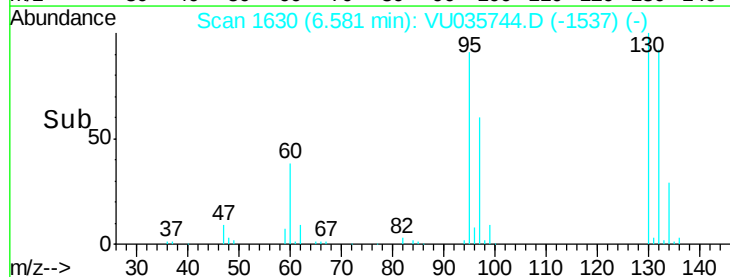
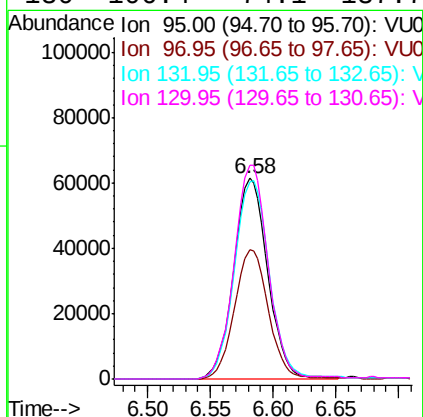
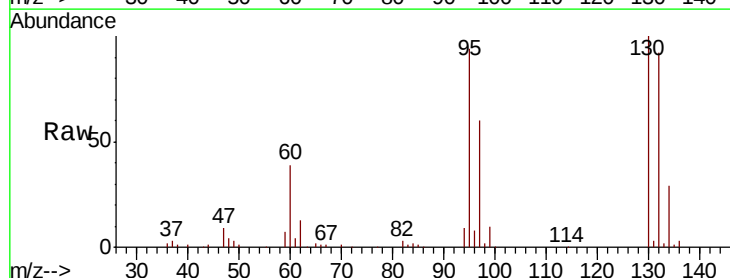
Instrument :
MSVOA_U
ClientSampleId :
GAQL6

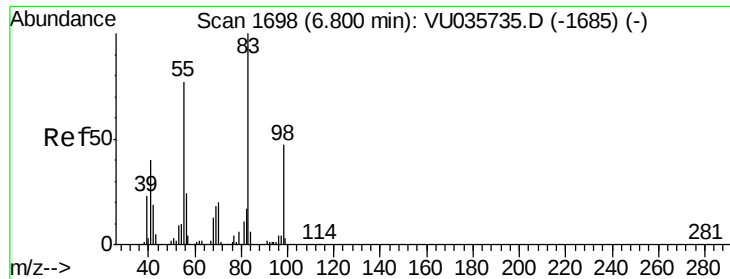
Tot Ion: 56 Resp: 362315
Ion Ratio Lower Upper
56 100
69 30.8 24.6 37.0
84 87.5 69.7 104.5



#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

Tgt 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

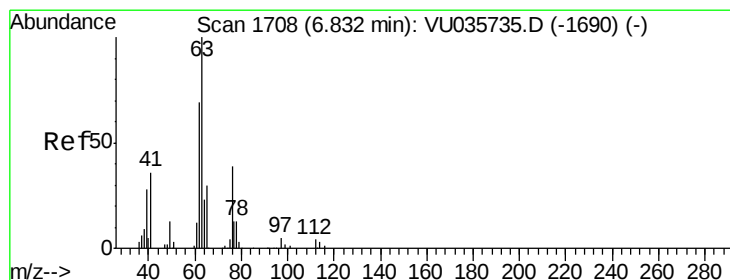
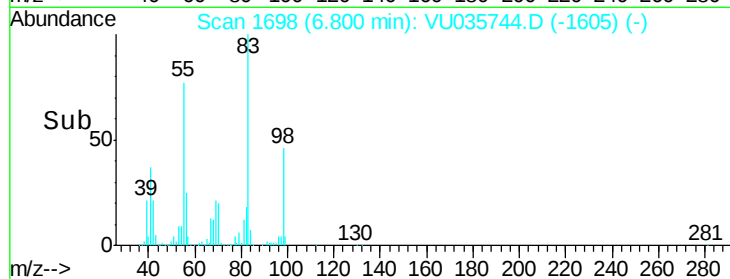
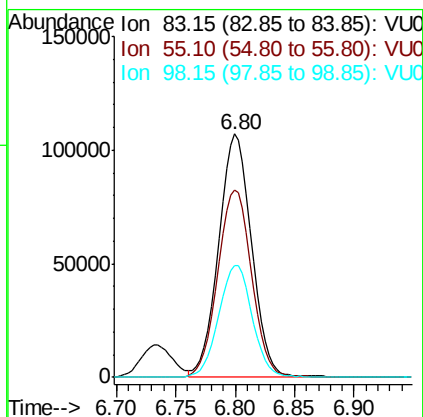
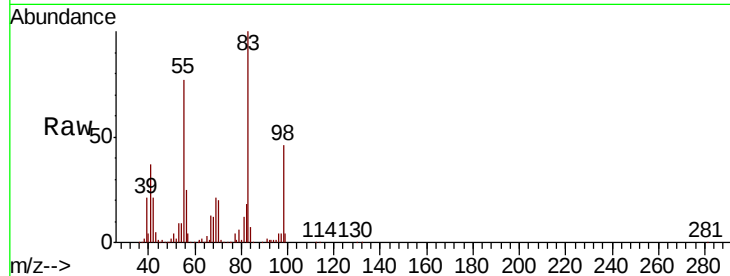




#35
Methvlcvclohexane
Concen: 6.218 ug/L
RT: 6.80 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VU035744.D
Acq: 18 Nov 2019 15:06

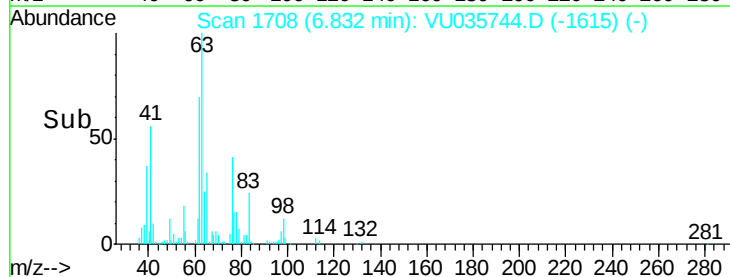
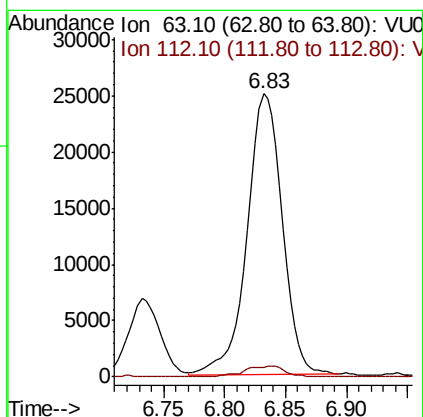
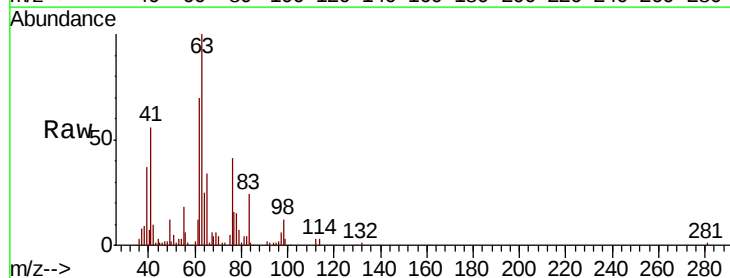
Instrument :
MSVOA_U
ClientSampled :
GAQL6

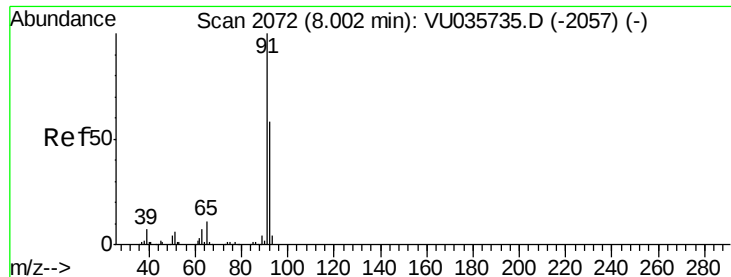
Tot Ion	Ratio	Lower	Upper
83	100		
55	79.2	62.6	93.8
98	46.7	37.2	55.8



#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

Tgt Ion	Ratio	Lower	Upper
63	100		
112	4.4	3.4	5.2





#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

Instrument :

MSVOA_U

ClientSampleId :

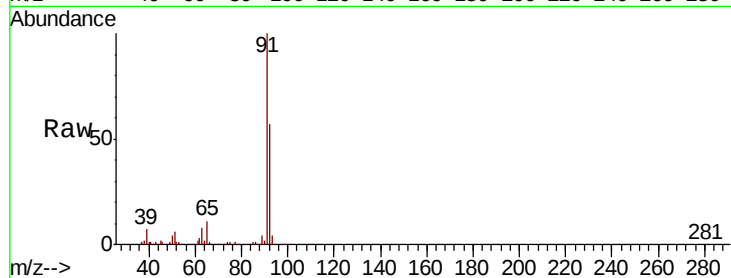
GAQL6

Tot Ion: 91 Resp: 786390

Ion Ratio Lower Upper

91 100

92 56.7 40.5 75.3



Abundance Ion 91.15 (90.85 to 91.85): VU035735.D (-2057) (-)

Ion 92.15 (91.85 to 92.85): VU035735.D (-2057) (-)

8.01

500000

400000

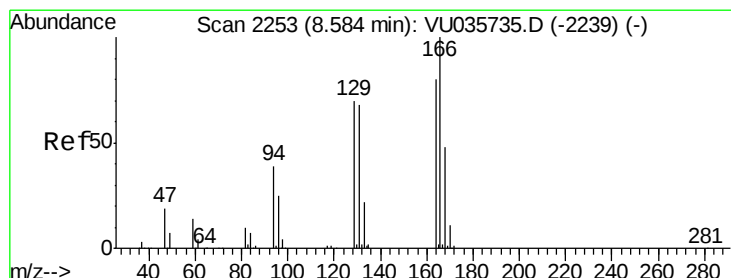
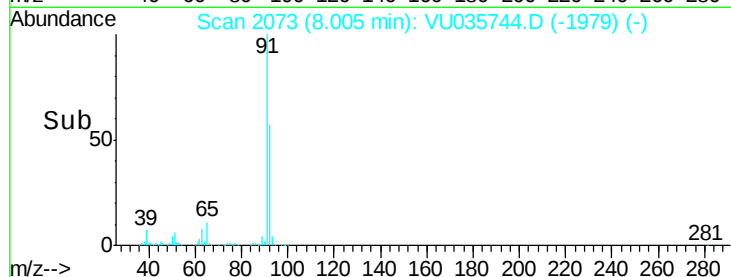
300000

200000

100000

0

Time-->



#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

Tgt Ion: 164 Resp: 170213

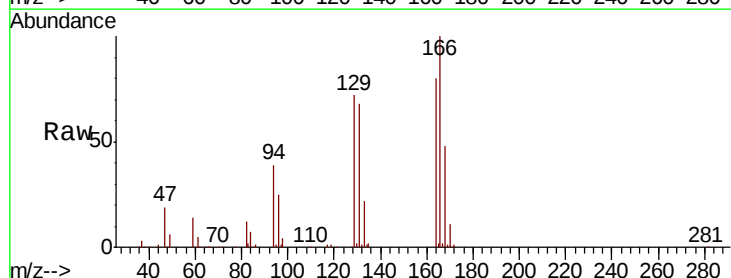
Ion Ratio Lower Upper

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): VU035735.D (-2239) (-)

Ion 128.95 (128.65 to 129.65): VU035735.D (-2239) (-)

Ion 130.95 (130.65 to 131.65): VU035735.D (-2239) (-)

Ion 165.90 (165.60 to 166.60): VU035735.D (-2239) (-)

200000

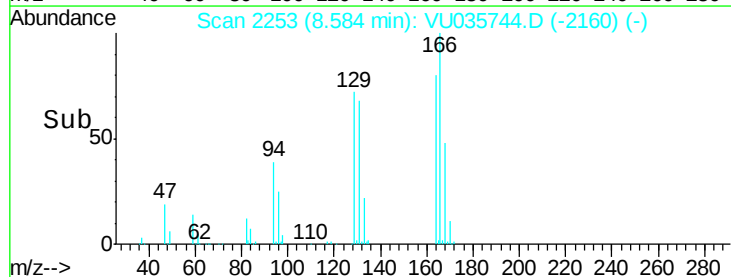
150000

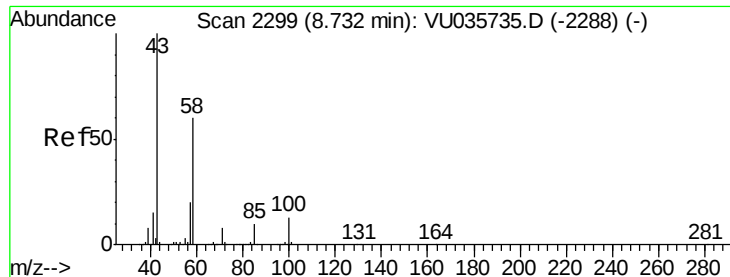
100000

50000

0

Time-->

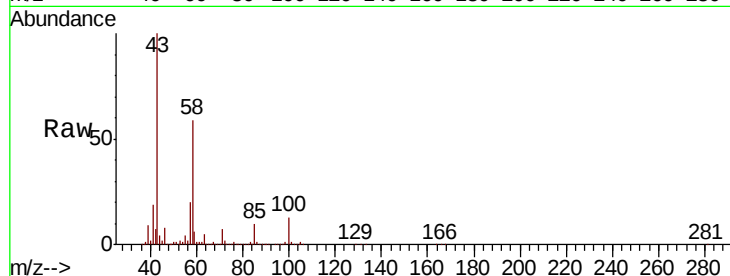




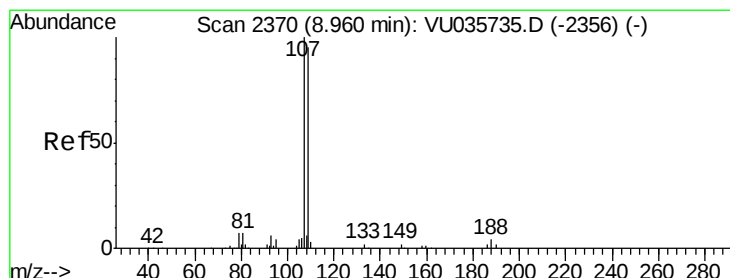
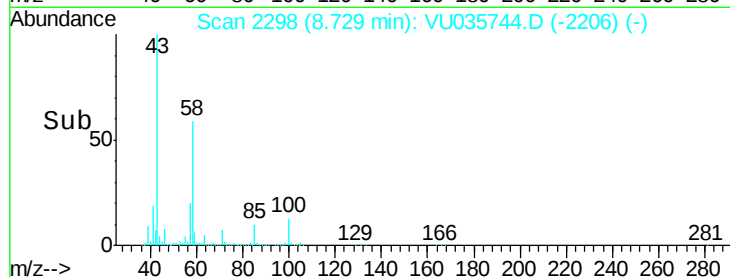
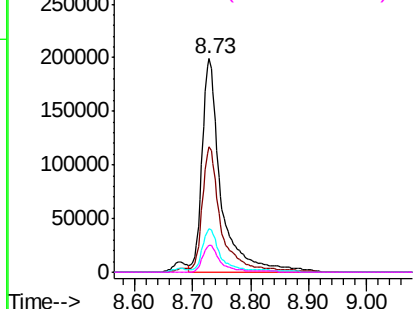
#48
2-Hexanone
Concen: 49.583 ug/L
RT: 8.73 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VU035744.D
Acq: 18 Nov 2019 15:06

Instrument :
MSVOA_U
ClientSampleId :
GAQL6

Tot 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

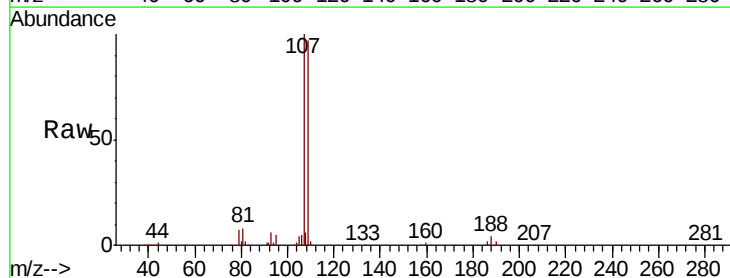


Abundance Ion 43.05 (42.75 to 43.75): VU035735.D (-2288) (-)
Ion 58.05 (57.75 to 58.75): VU035735.D (-2288) (-)
Ion 57.20 (56.90 to 57.90): VU035735.D (-2288) (-)
Ion 100.15 (99.85 to 100.85): VU035735.D (-2288) (-)

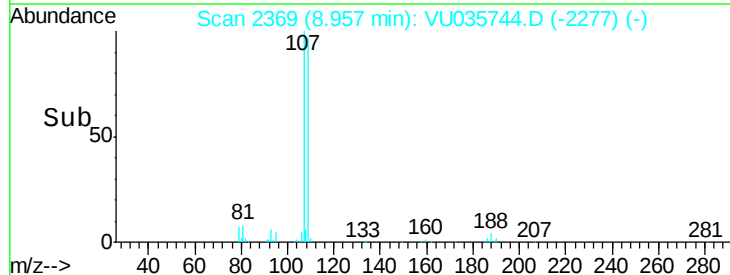
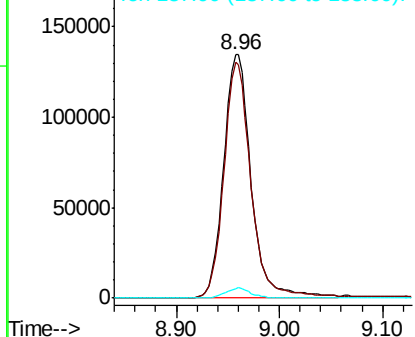


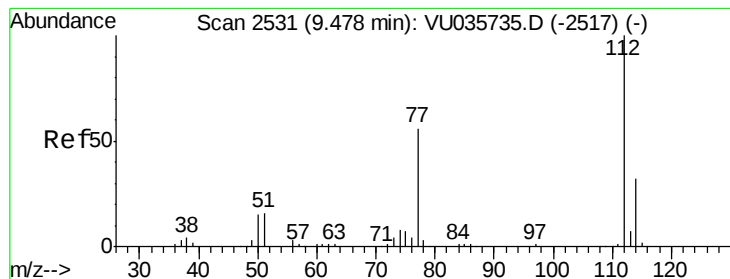
#50
1,2-Dibromoethane
Concen: 16.563 ug/L
RT: 8.96 min Scan# 2369
Delta R.T. -0.00 min
Lab File: VU035744.D
Acq: 18 Nov 2019 15:06

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



Abundance Ion 106.95 (106.65 to 107.65): VU035735.D (-2356) (-)
Ion 109.00 (108.70 to 109.70): VU035735.D (-2356) (-)
Ion 187.90 (187.60 to 188.60): VU035735.D (-2356) (-)





#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 :

GAQL6

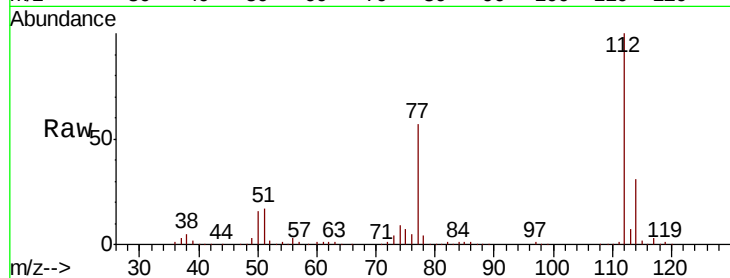
Tot Ion:112 Resp: 652458

Ion Ratio Lower Upper

112 100

114 31.1 22.3 41.5

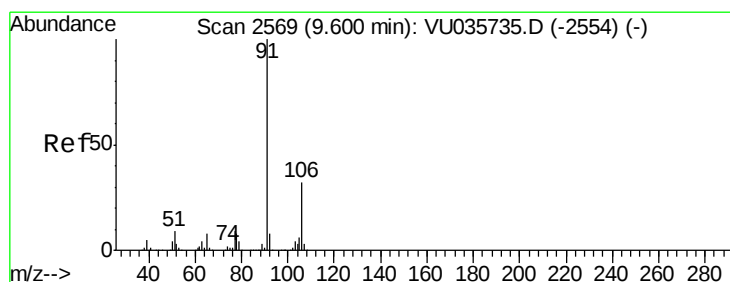
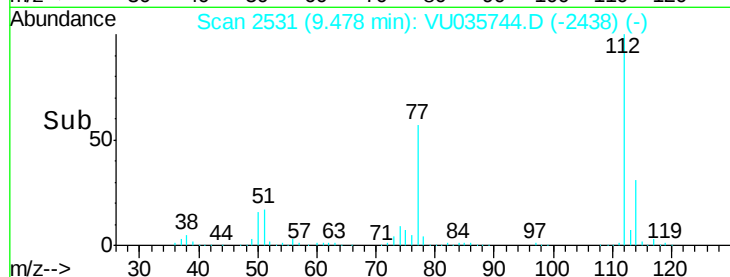
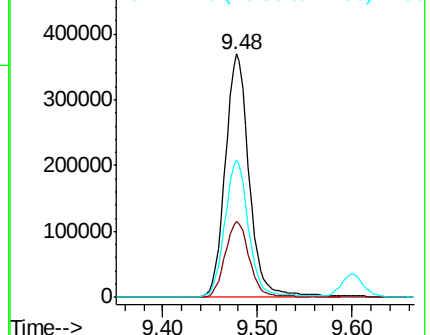
77 56.5 44.3 66.5



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: 6.515 ug/L

RT: 9.60 min Scan# 2569

Delta R.T. -0.00 min

Lab File: VU035744.D

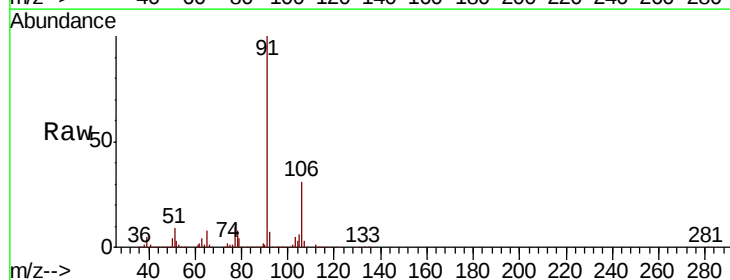
Acq: 18 Nov 2019 15:06

Tgt Ion: 91 Resp: 609542

Ion Ratio Lower Upper

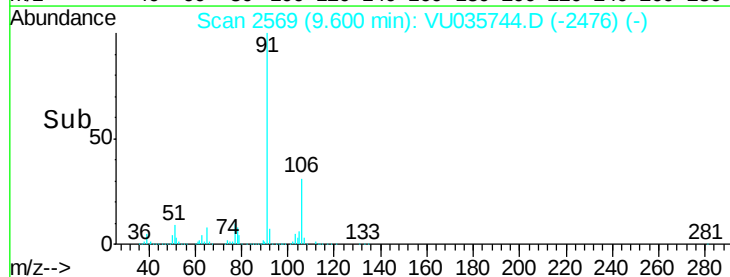
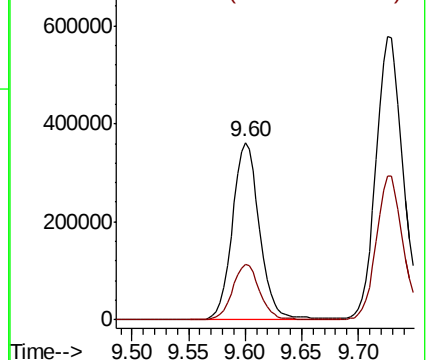
91 100

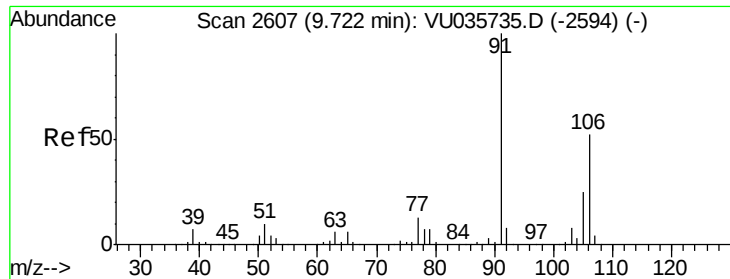
106 31.3 22.4 41.6



Abundance Ion 91.15 (90.85 to 91.85): V

Ion 106.15 (105.85 to 106.85): V





#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 :

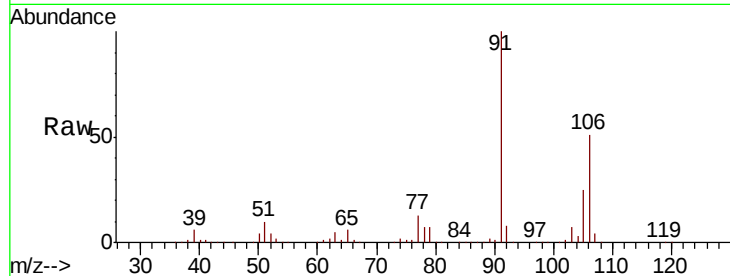
GAQL6

Tot Ion:106 Resp: 504487

Ion Ratio Lower Upper

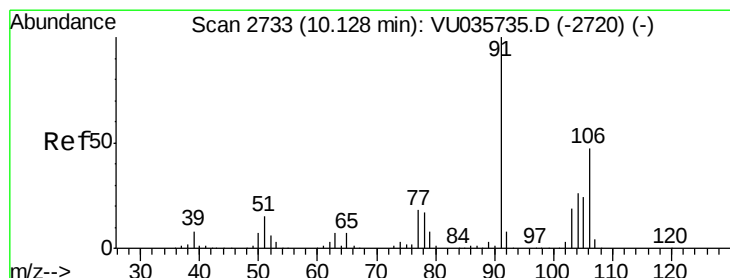
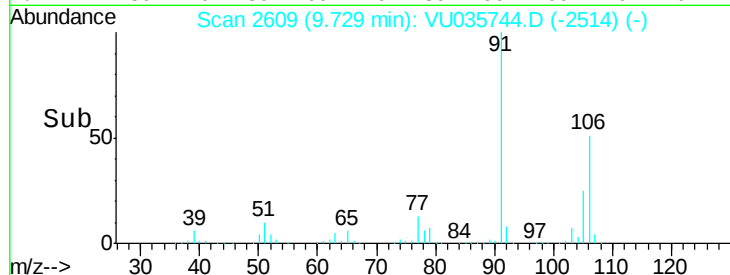
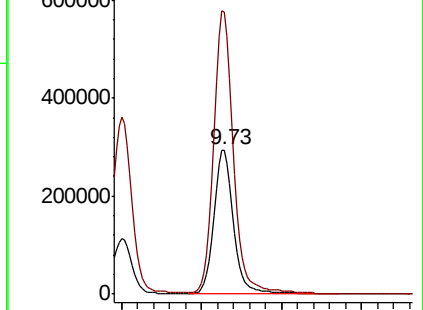
106 100

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

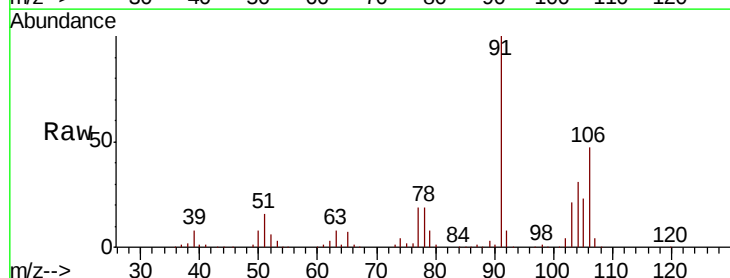
Acq: 18 Nov 2019 15:06

Tgt Ion:106 Resp: 188148

Ion Ratio Lower Upper

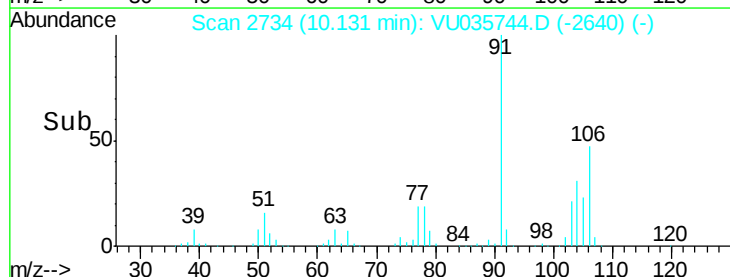
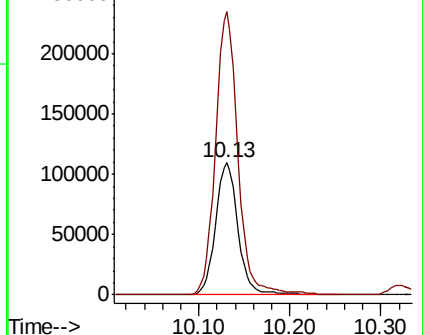
106 100

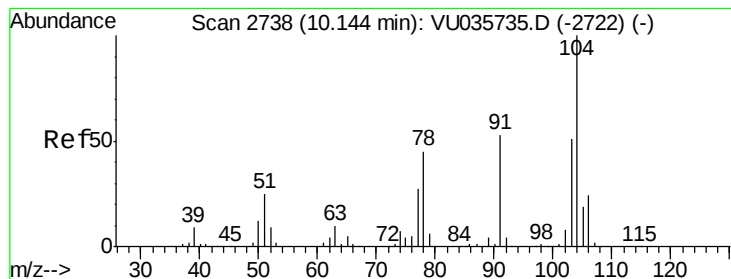
91 214.7 147.7 274.3



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 :

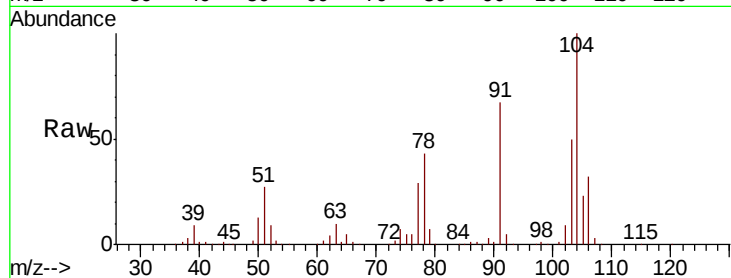
GAQL6

Tot Ion:104 Resp: 311055

Ion Ratio Lower Upper

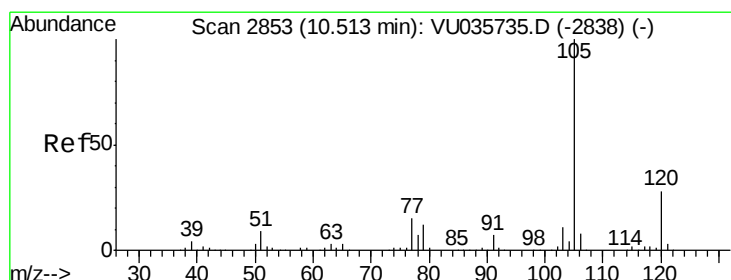
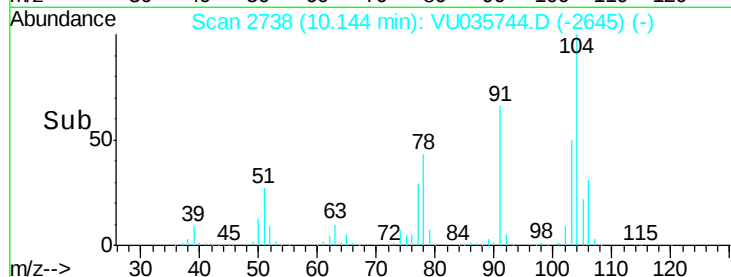
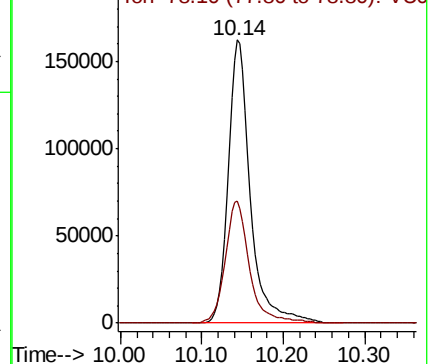
104 100

78 42.9 30.8 57.2



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0



#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

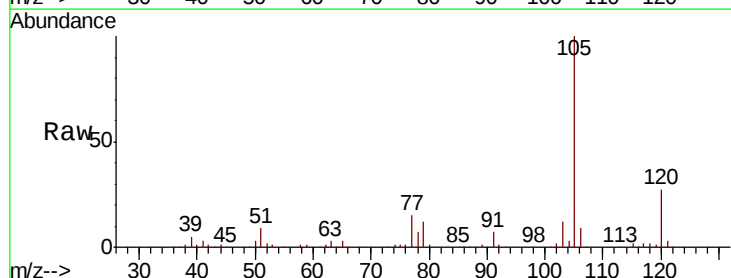
Tgt Ion:105 Resp: 288830

Ion Ratio Lower Upper

105 100

120 27.3 21.4 32.2

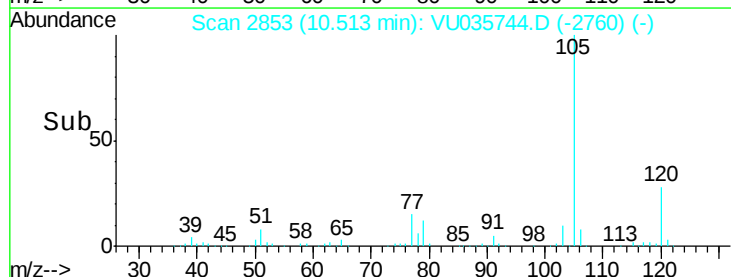
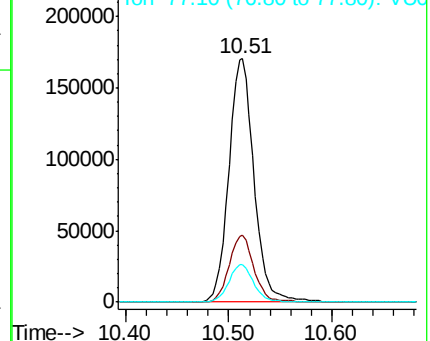
77 15.4 11.8 17.8

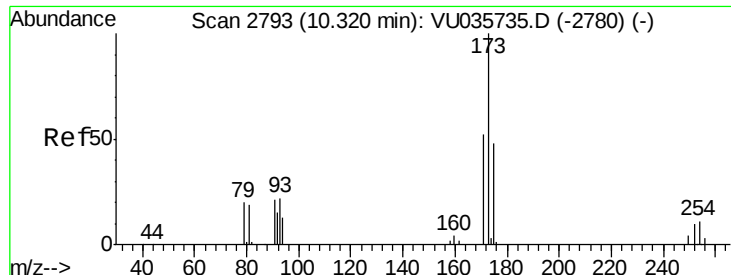


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU0





#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

Instrument :

MSVOA_U

ClientSampleId :

GAQL6

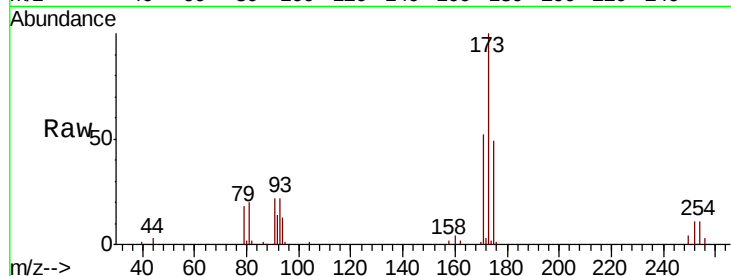
Tot Ion:173 Resp: 64102

Ion Ratio Lower Upper

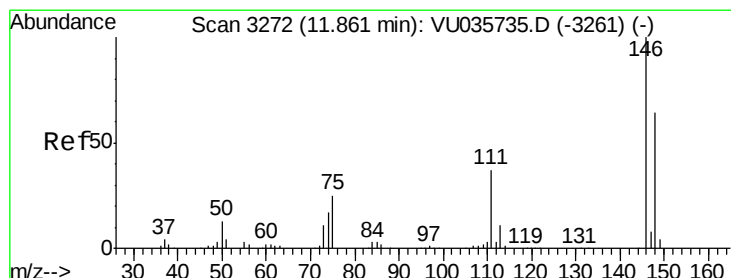
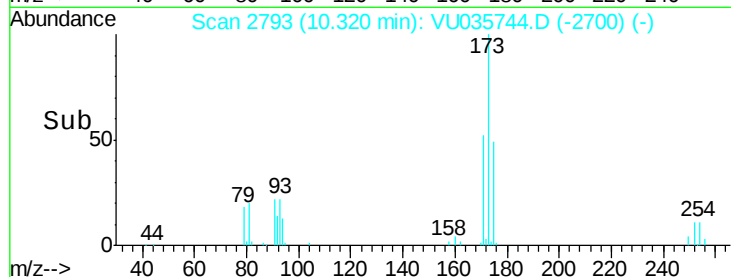
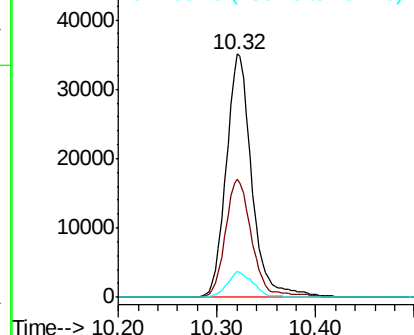
173 100

175 49.3 39.0 58.4

254 10.6 8.5 12.7



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): 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

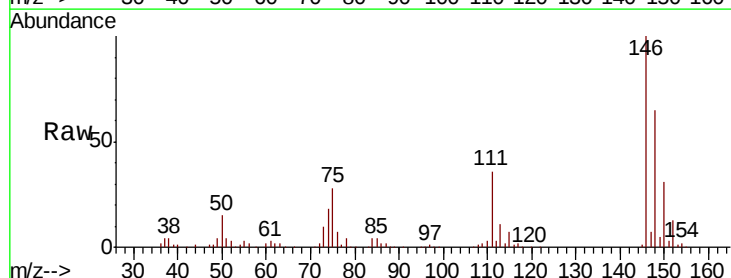
Tgt Ion:146 Resp: 156571

Ion Ratio Lower Upper

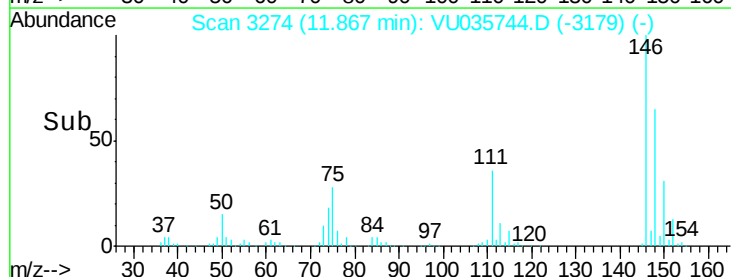
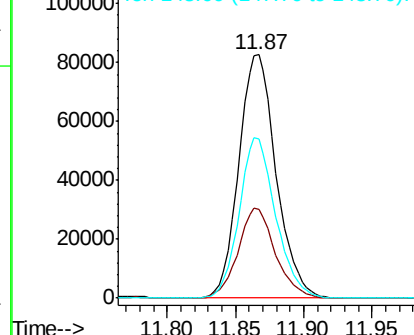
146 100

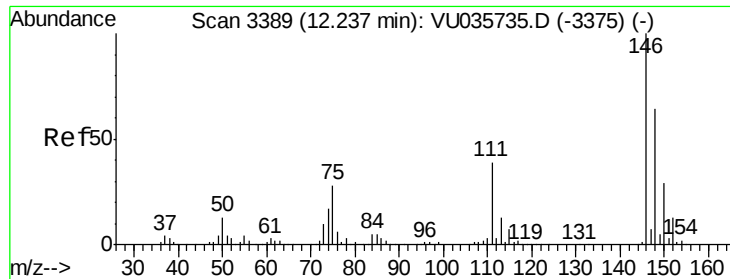
111 36.5 25.9 48.1

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 :

GAQL6

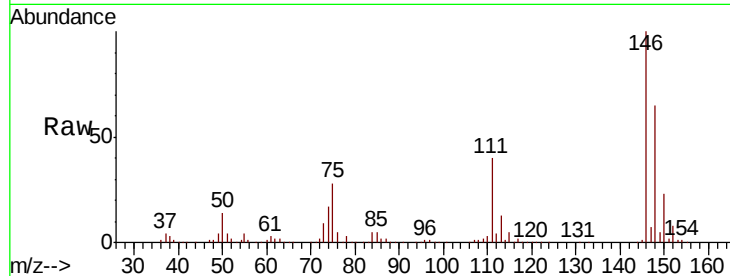
Tot Ion:146 Resp: 457999

Ion Ratio Lower Upper

146 100

111 40.0 32.2 48.4

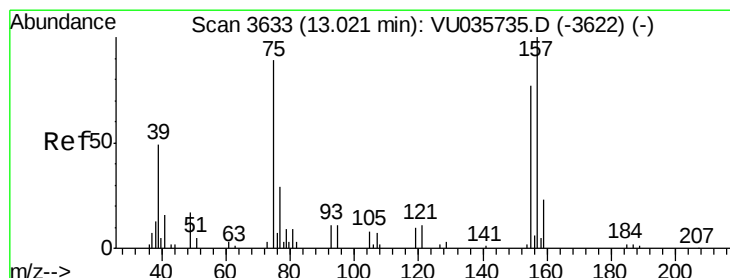
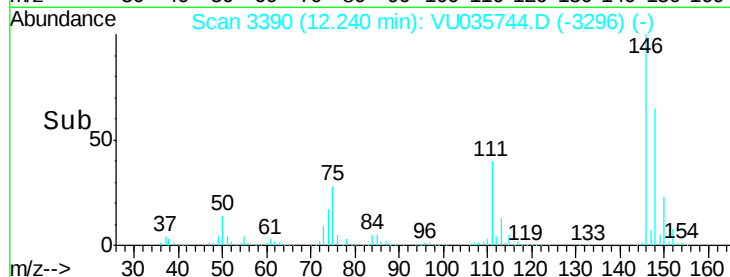
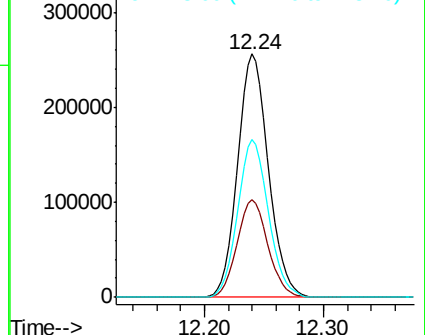
148 65.0 50.7 76.1



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

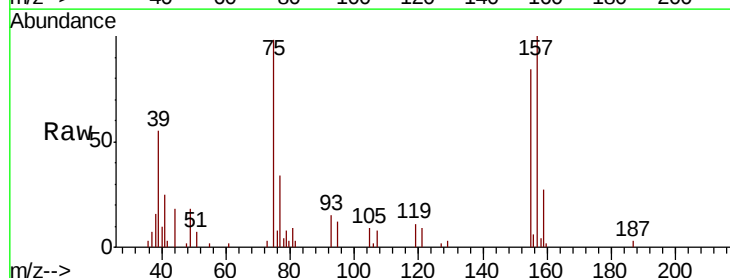
Tgt Ion: 75 Resp: 9894

Ion Ratio Lower Upper

75 100

155 85.4 73.3 109.9

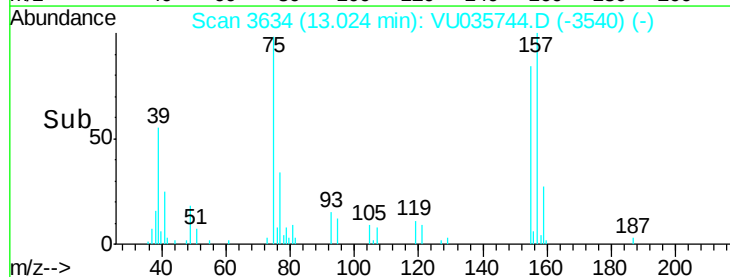
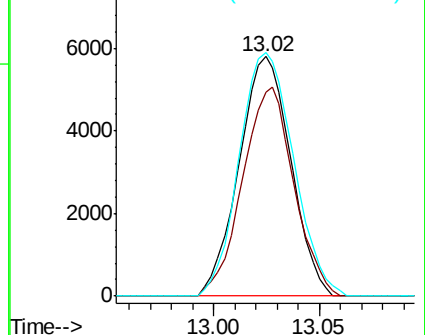
157 101.7 102.2 153.4#

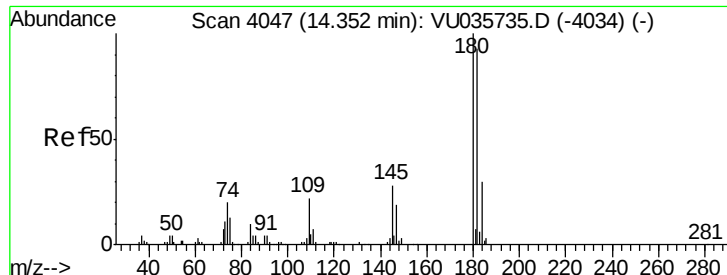


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V





#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

Instrument :

MSVOA_U

ClientSampleId :

GAQL6

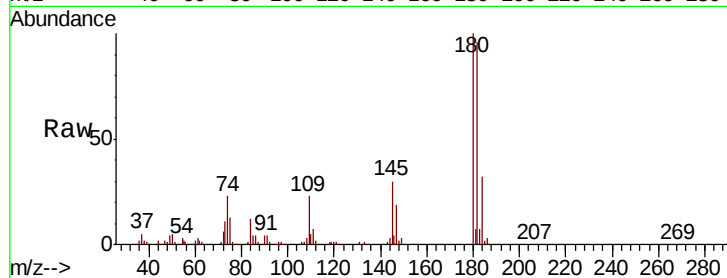
Tot Ion:180 Resp: 124302

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

