

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041620\
 Data File : VU037747.D
 Acq On : 16 Apr 2020 12:07
 Operator : JC/MD
 Sample : L2296-03
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 17 01:32:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 17 01:29:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	258954	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	252399	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	126233	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	92822	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.93	69	78023	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.59	63	133243	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	4.66	46	270283	50.22	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.44%
24) Chloroform-d	5.10	84	146759	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.74	65	87349	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.76	84	313402	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.72	67	105571	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.92	98	289123	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	8.20	79	43191	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.66	63	251877	49.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.72%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	83220	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	107066	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	462985	16.968	ug/L	98
8) Chloroethane	1.95	64	2563	0.160	ug/L #	62
12) 1,1-Dichloroethene	2.60	96	29505	1.651	ug/L #	58
13) Acetone	2.62	43	10421	2.937	ug/L	52
15) Methyl Acetate	3.07	43	677269	68.652	ug/L #	55
16) Methylene chloride	3.07	84	4659	0.231	ug/L #	1
18) trans-1,2-Dichloroethene	3.39	96	7425	0.383	ug/L	76
19) 1,1-Dichloroethane	3.91	63	433550	11.569	ug/L	98
21) 2-Butanone	4.57	43	769201	119.317	ug/L #	52
22) cis-1,2-Dichloroethene	4.71	96	724534	34.612	ug/L #	95
25) Chloroform	5.13	83	7270	0.204	ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	1094263	35.730	ug/L	99
30) Cyclohexane	5.42	56	704913	18.597	ug/L	97
31) Carbon tetrachloride	5.35	117	136005	5.573	ug/L	99
33) Benzene	5.81	78	12496	0.150	ug/L	100
34) Trichloroethene	6.57	95	3199	0.156	ug/L	89
37) 1,2-Dichloropropane	6.72	63	11559	0.523	ug/L #	93

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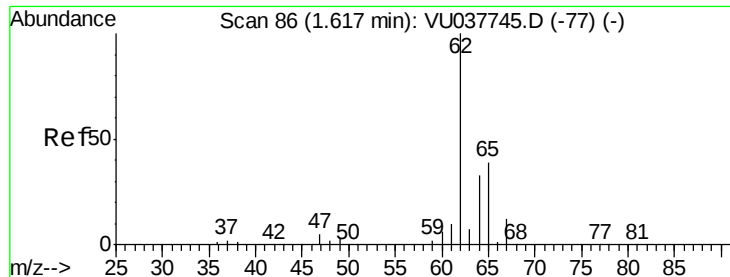
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 17 01:32:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 17 01:29:02 2020
 Response via : Initial Calibration

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

42) Toluene	8.00	91	3671665	42.032	ug/L	100
51) Chlorobenzene	9.47	112	719031	13.491	ug/L	99
52) Ethylbenzene	9.59	91	812690	8.363	ug/L	98
53) m,p-Xylene	9.71	106	548900	14.923	ug/L	99
54) o-Xylene	10.12	106	284053	7.847	ug/L	100
55) Styrene	10.12	104	15158	0.245	ug/L #	1
56) Isopropylbenzene	10.50	105	260145	2.740	ug/L	100
59) 1,2,3-Trichloropropane	10.92	75	5390	0.372	ug/L #	1
62) 1,3-Dichlorobenzene	11.76	146	160639	3.799	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	276565	6.523	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	88700	2.229	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.00	75	926	0.251	ug/L #	6
67) 1,3,5-Trichlorobenzene	13.87	180	76124	2.455	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	76124	2.675	ug/L	97
69) Naphthalene	14.12	128	430171	7.464	ug/L	100
70) 1,2,3-Trichlorobenzene	14.37	180	19868	0.784	ug/L	97

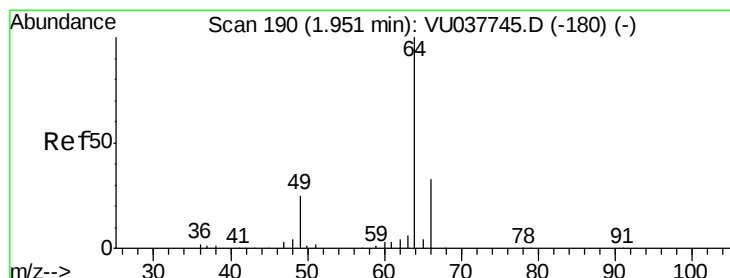
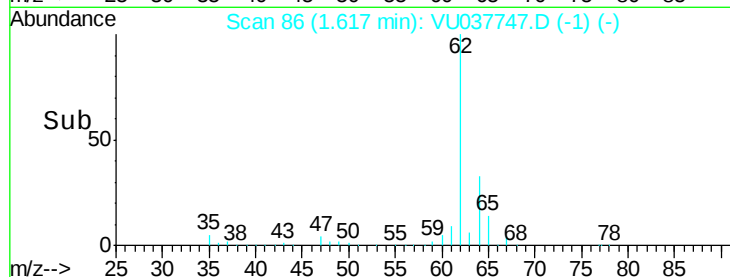
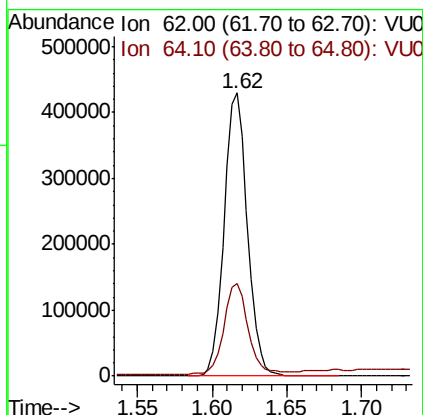
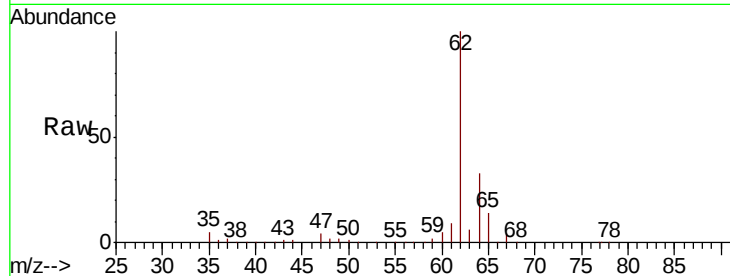
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 16.968 ug/L
 RT: 1.62 min Scan# 86
 Delta R.T. 0.00 min
 Lab File: VU037747.D
 Acq: 16 Apr 2020 12:07

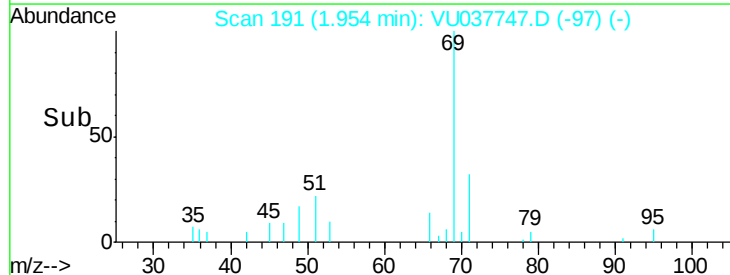
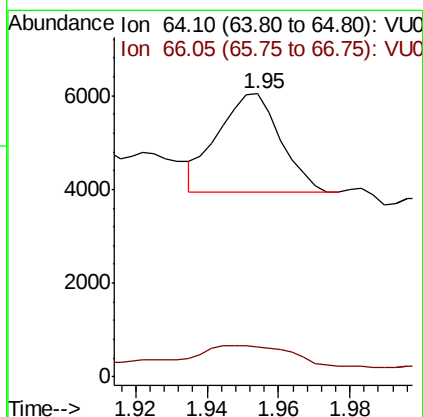
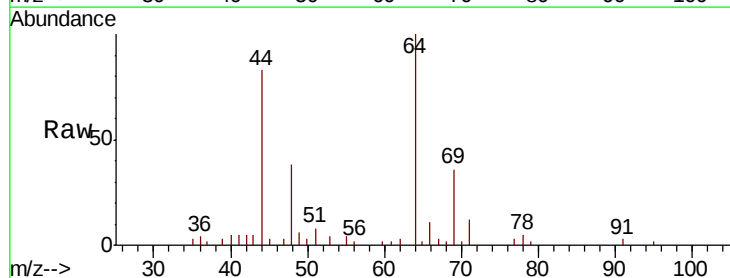
Instrument :
 MSVOA_U
 ClientSampleId :

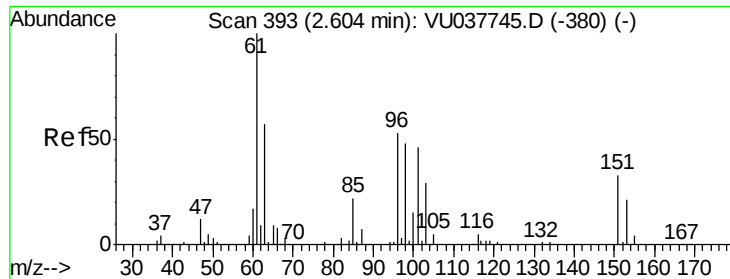
Tot Ion: 62 Resp: 462985
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.1 41.1



#8
 Chloroethane
 Concen: 0.160 ug/L
 RT: 1.95 min Scan# 191
 Delta R.T. 0.00 min
 Lab File: VU037747.D
 Acq: 16 Apr 2020 12:07

Tgt Ion: 64 Resp: 2563
 Ion Ratio Lower Upper
 64 100
 66 10.7 22.3 41.5#





#12

1,1-Dichloroethene

Concen: 1.651 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037747.D

Acq: 16 Apr 2020 12:07

Instrument :
MSVOA_U
ClientSampled :

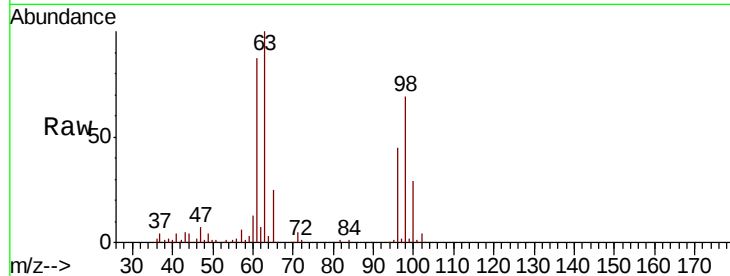
Tot Ion: 96 Resp: 29505

Ion Ratio Lower Upper

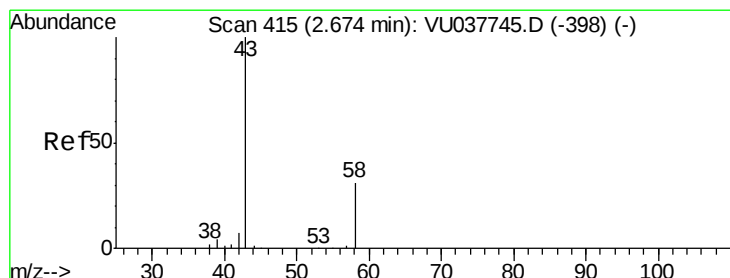
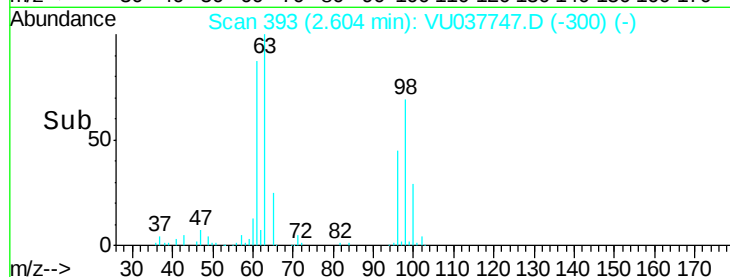
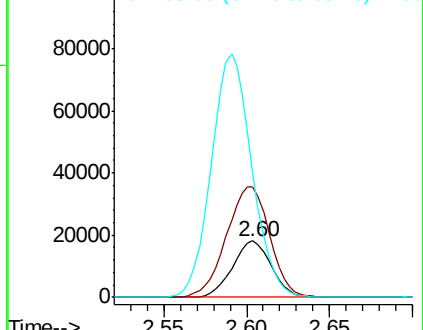
96 100

61 196.0 127.7 237.3

63 224.0 85.0 157.8#



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: 2.937 ug/L

RT: 2.62 min Scan# 399

Delta R.T. -0.05 min

Lab File: VU037747.D

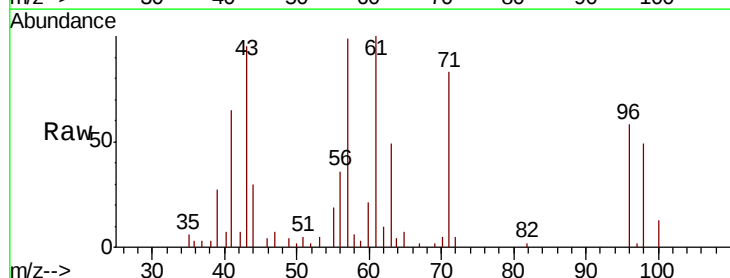
Acq: 16 Apr 2020 12:07

Tgt Ion: 43 Resp: 10421

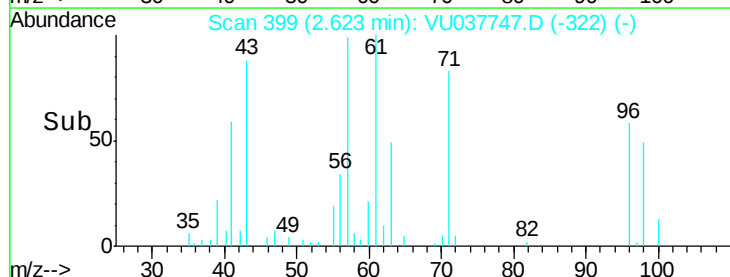
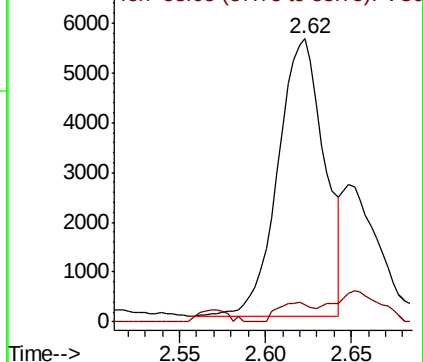
Ion Ratio Lower Upper

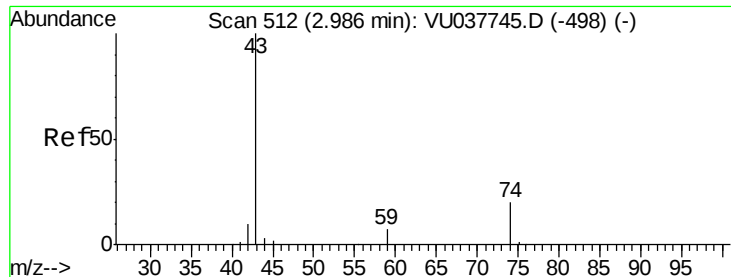
43 100

58 5.2 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0

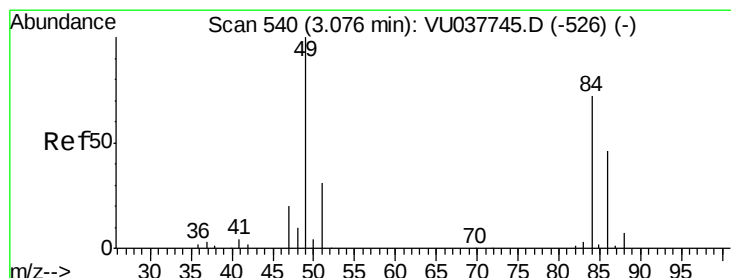
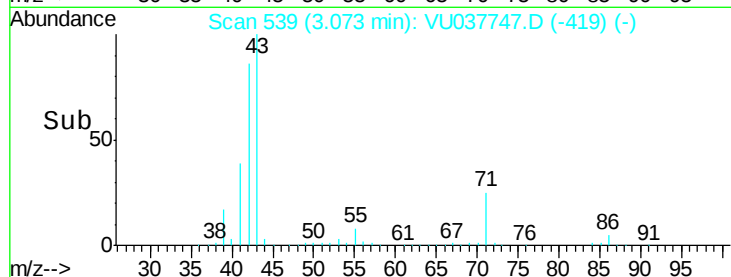
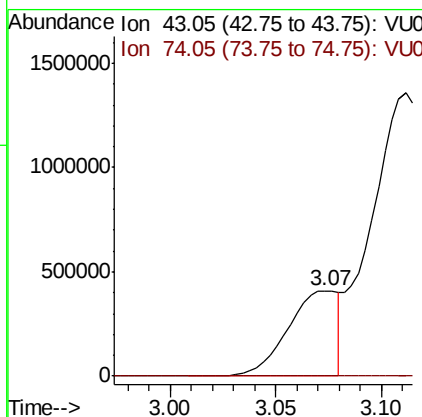
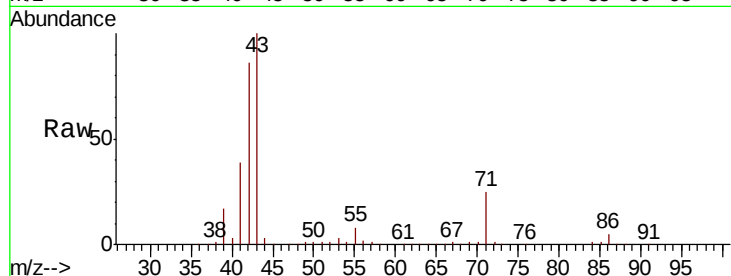




#15
Methvl Acetate
Concen: 68.652 ug/L
RT: 3.07 min Scan# 539
Delta R.T. 0.09 min
Lab File: VU037747.D
Acq: 16 Apr 2020 12:07

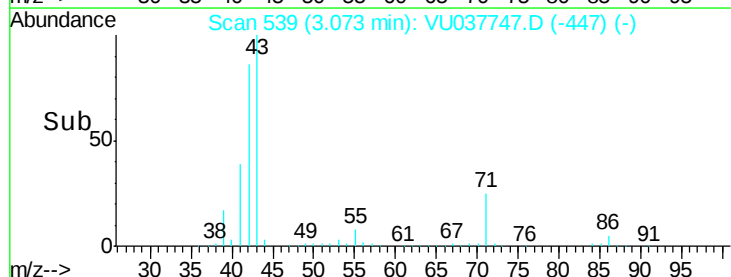
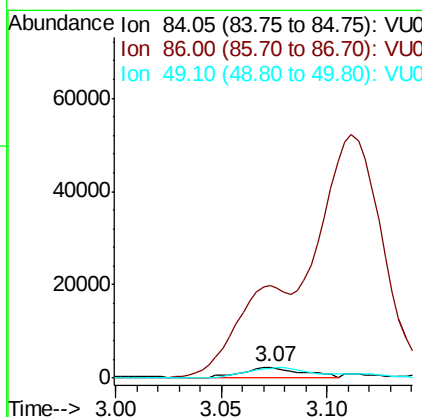
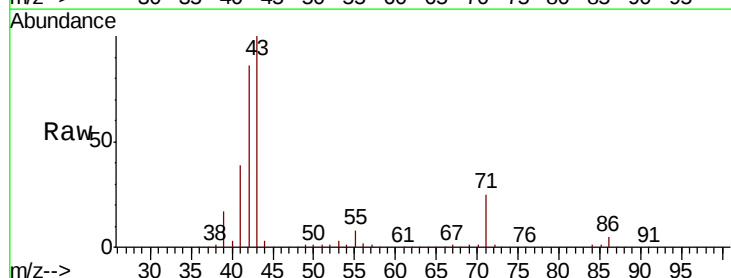
Instrument :
MSVOA_U
ClientSampled :

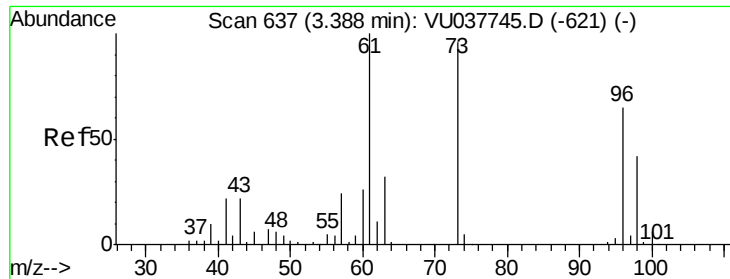
Tot Ion: 43 Resp: 677269
Ion Ratio Lower Upper
43 100
74 0.0 17.2 25.8#



#16
Methylene chloride
Concen: 0.231 ug/L
RT: 3.07 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU037747.D
Acq: 16 Apr 2020 12:07

Tgt Ion: 84 Resp: 4659
Ion Ratio Lower Upper
84 100
86 850.0 44.2 82.0#
49 91.4 92.4 171.6#

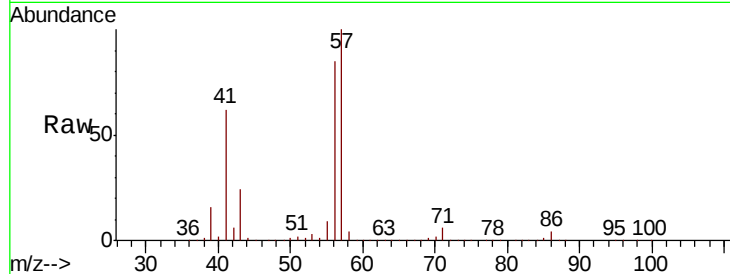




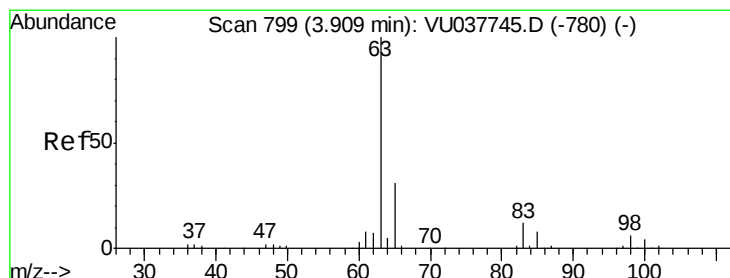
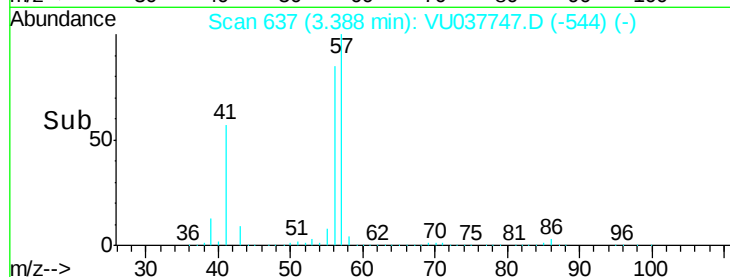
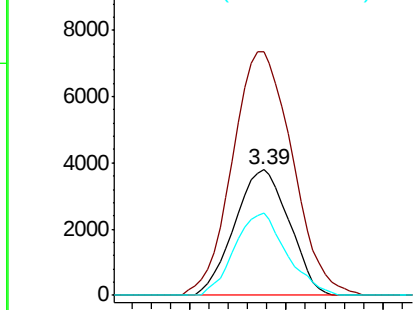
#18
trans-1,2-Dichloroethene
Concen: 0.383 ug/L
RT: 3.39 min Scan# 637
Delta R.T. 0.00 min
Lab File: VU037747.D
Acq: 16 Apr 2020 12:07

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 96 Resp: 7425
Ion Ratio Lower Upper
96 100
61 194.3 106.7 198.3
98 65.4 44.3 82.3

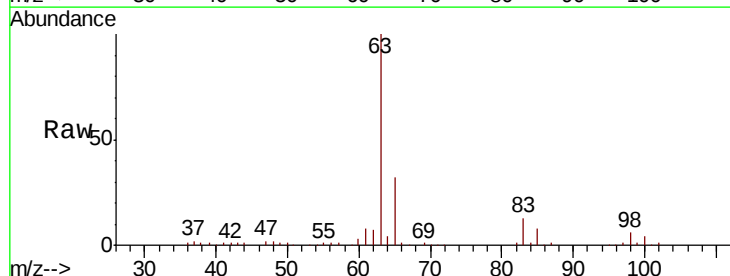


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

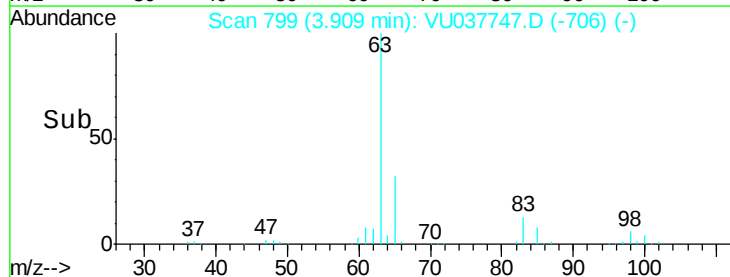
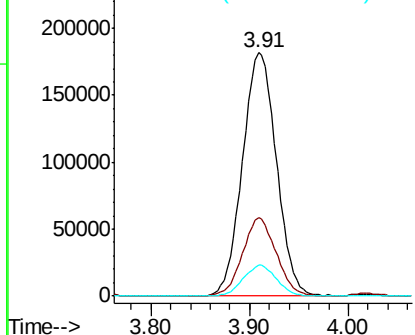


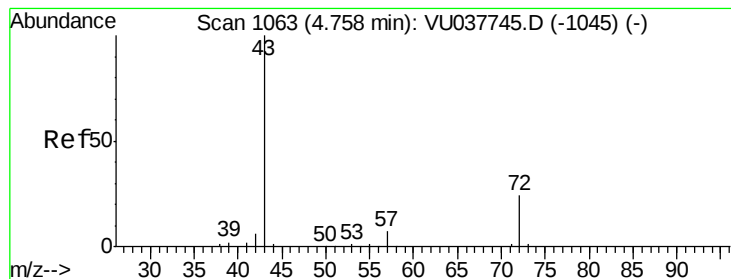
#19
1,1-Dichloroethane
Concen: 11.569 ug/L
RT: 3.91 min Scan# 799
Delta R.T. 0.00 min
Lab File: VU037747.D
Acq: 16 Apr 2020 12:07

Tgt Ion: 63 Resp: 433550
Ion Ratio Lower Upper
63 100
65 32.3 21.6 40.2
83 12.7 8.6 16.0



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: 119.317 ug/L

RT: 4.57 min Scan# 1005

Delta R.T. -0.19 min

Lab File: VU037747.D

Acq: 16 Apr 2020 12:07

Instrument :

MSVOA_U

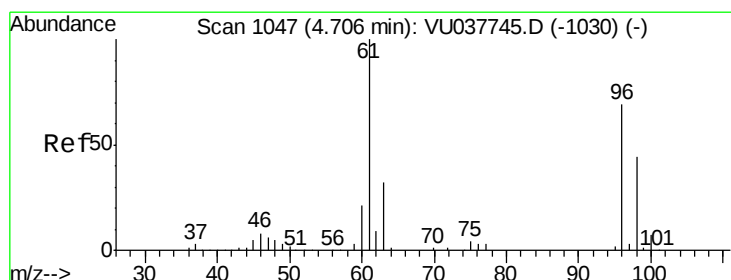
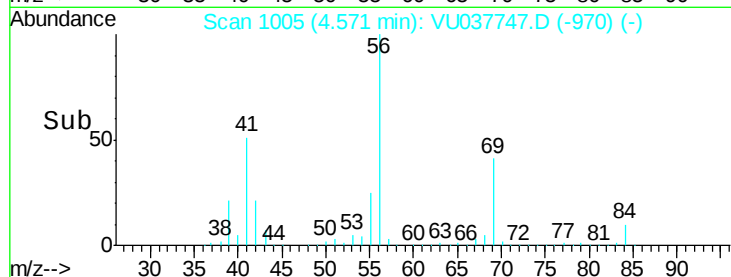
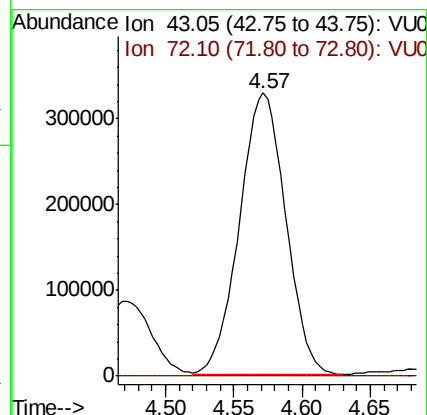
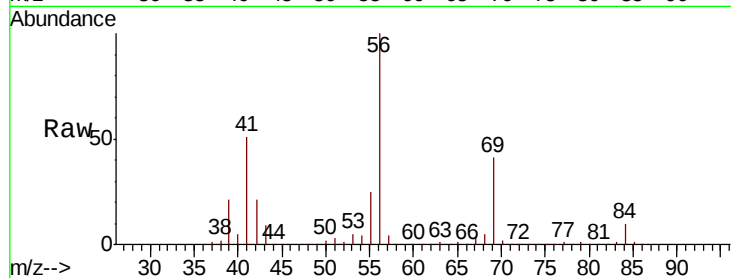
ClientSampleId :

Tot Ion: 43 Resp: 769201

Ion Ratio Lower Upper

43 100

72 0.9 12.6 37.6#



#22

cis-1,2-Dichloroethene

Concen: 34.612 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037747.D

Acq: 16 Apr 2020 12:07

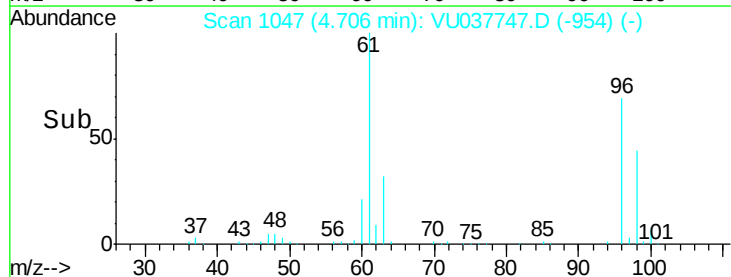
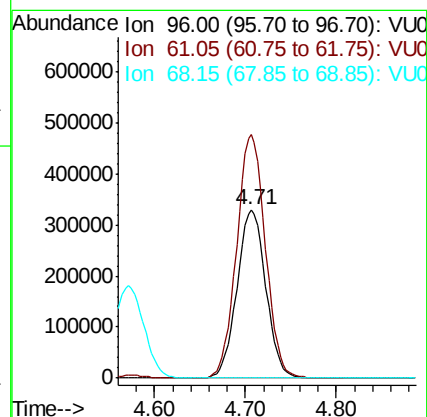
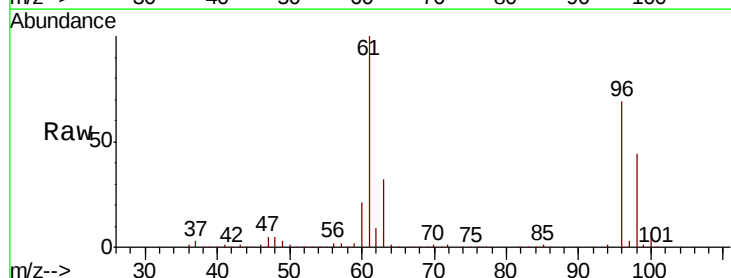
Tgt Ion: 96 Resp: 724534

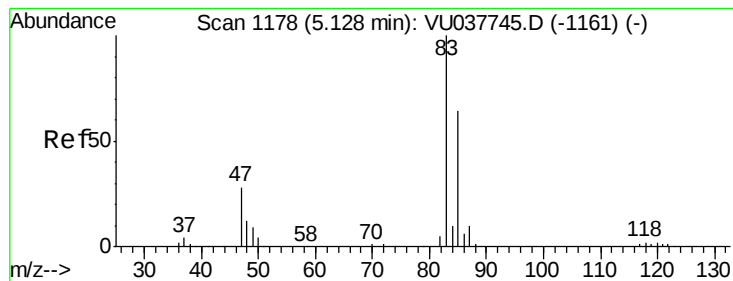
Ion Ratio Lower Upper

96 100

61 144.4 97.0 180.2

68 0.1 0.0 0.0#





#25

Chloroform

Concen: 0.204 ug/L

RT: 5.13 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VU037747.D

Acq: 16 Apr 2020 12:07

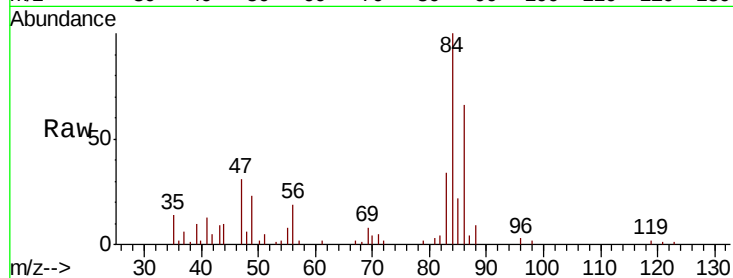
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 7270

Ion Ratio Lower Upper

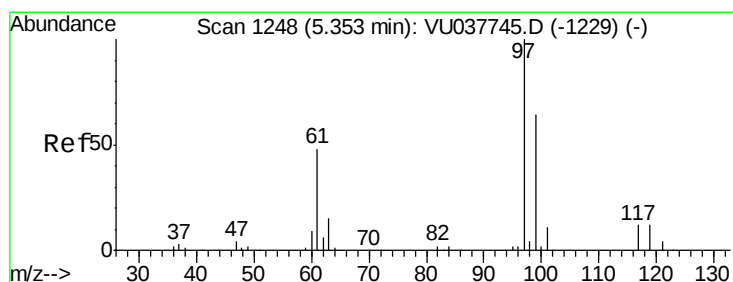
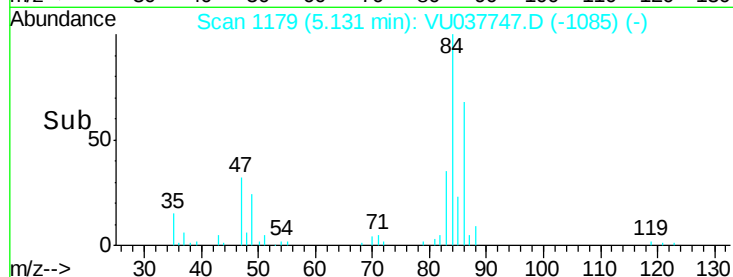
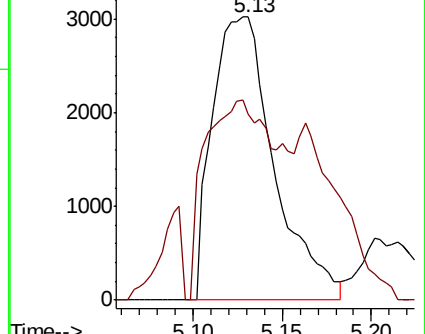
83 100

85 65.6 44.9 83.3



Abundance Ion 83.05 (82.75 to 83.75): VU037745.D (-1161) (-)

Ion 85.00 (84.70 to 85.70): VU037745.D (-1161) (-)



#29

1,1,1-Trichloroethane

Concen: 35.730 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VU037747.D

Acq: 16 Apr 2020 12:07

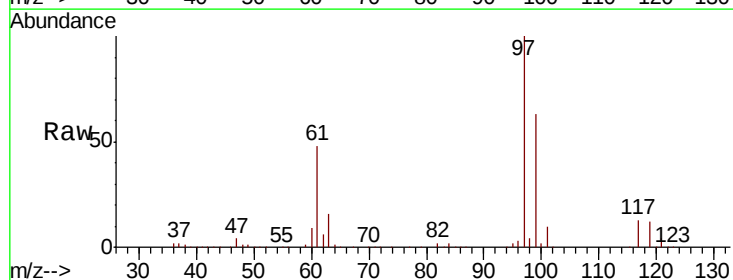
Tgt Ion: 97 Resp: 1094263

Ion Ratio Lower Upper

97 100

99 64.0 52.0 78.0

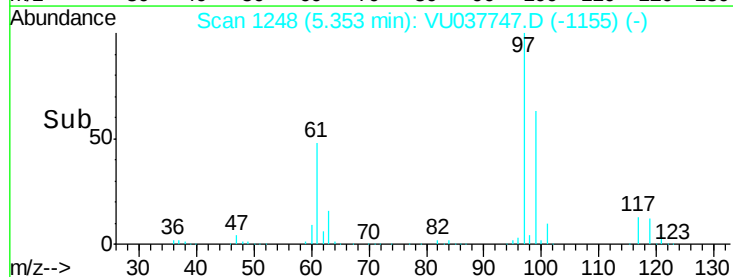
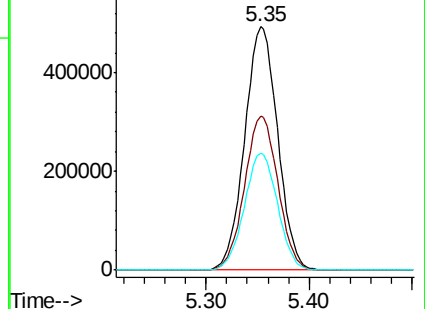
61 48.4 37.8 56.8

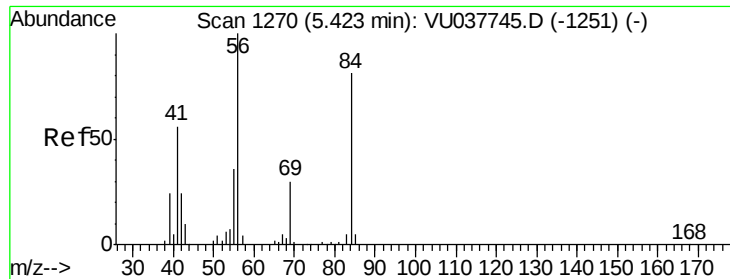


Abundance Ion 96.95 (96.65 to 97.65): VU037745.D (-1229) (-)

Ion 99.05 (98.75 to 99.75): VU037745.D (-1229) (-)

Ion 61.05 (60.75 to 61.75): VU037745.D (-1229) (-)

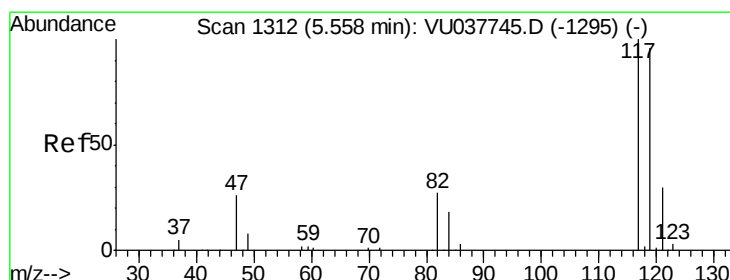
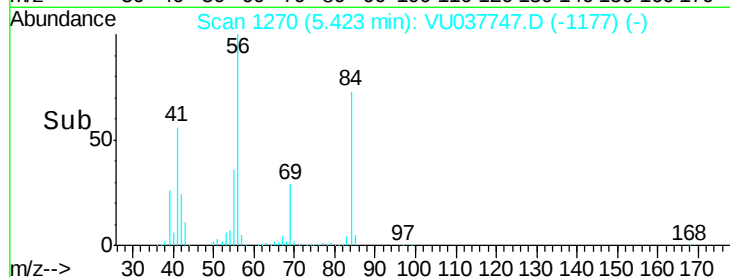
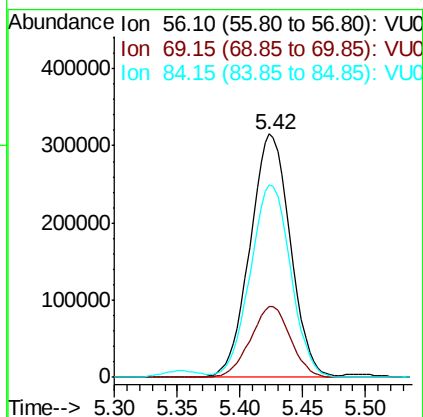
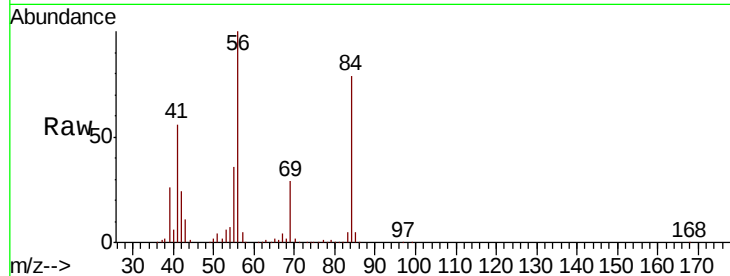




#30
Cyclohexane
Concen: 18.597 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU037747.D
Acq: 16 Apr 2020 12:07

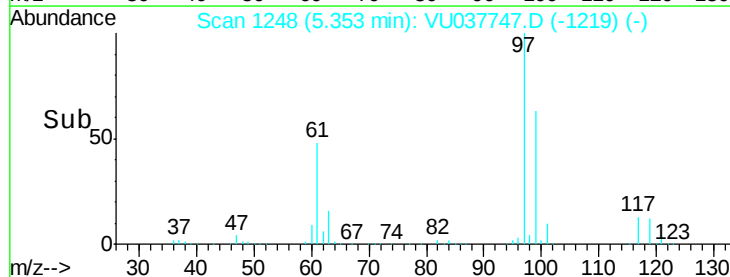
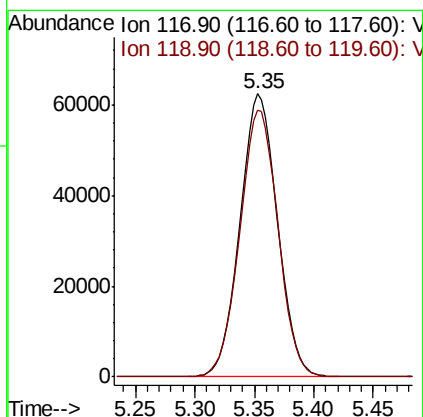
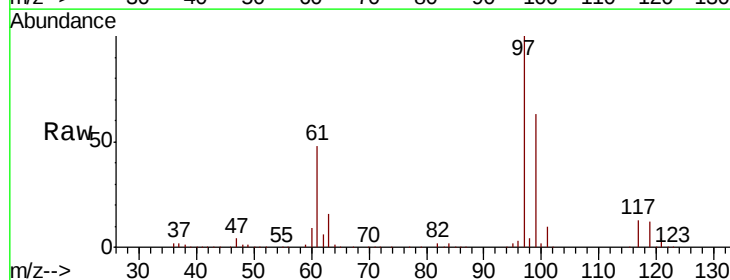
Instrument :
MSVOA_U
ClientSampleId :

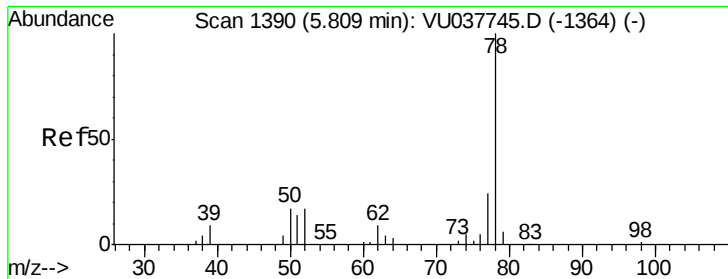
Tot Ion: 56 Resp: 704913
Ion Ratio Lower Upper
56 100
69 28.9 23.9 35.9
84 79.2 65.6 98.4



#31
Carbon tetrachloride
Concen: 5.573 ug/L
RT: 5.35 min Scan# 1248
Delta R.T. -0.21 min
Lab File: VU037747.D
Acq: 16 Apr 2020 12:07

Tgt Ion: 117 Resp: 136005
Ion Ratio Lower Upper
117 100
119 96.1 77.4 116.0





#33

Benzene

Concen: 0.150 ug/L

RT: 5.81 min Scan# 1390

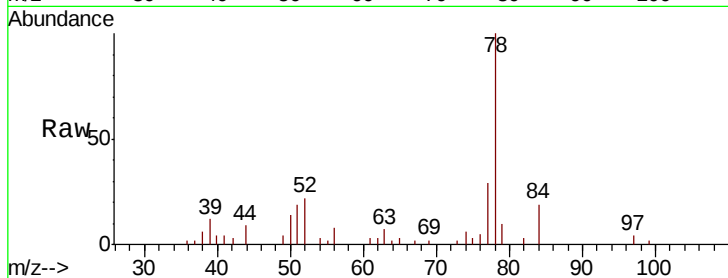
Delta R.T. 0.00 min

Lab File: VU037747.D

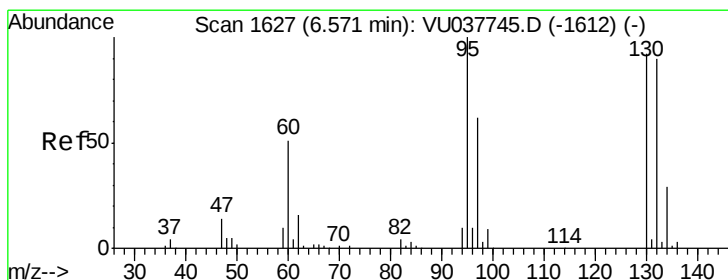
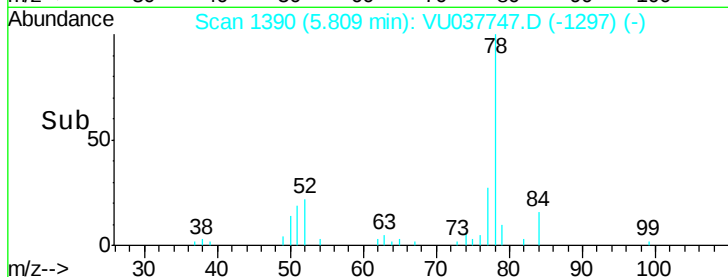
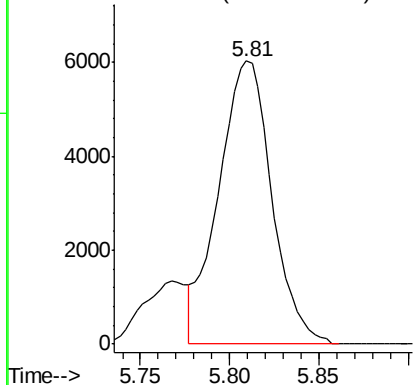
Acq: 16 Apr 2020 12:07

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 78 Resp: 12496



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 0.156 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU037747.D

Acq: 16 Apr 2020 12:07

Tgt Ion: 95 Resp: 3199

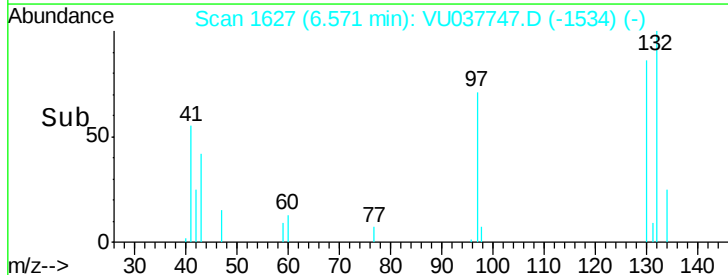
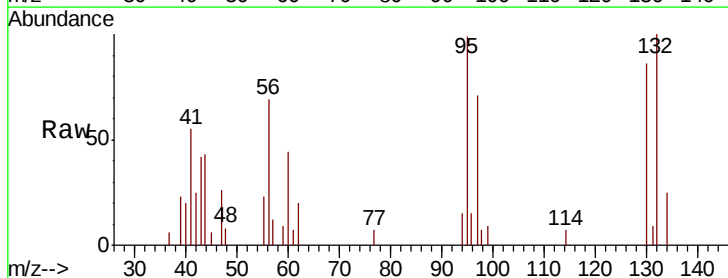
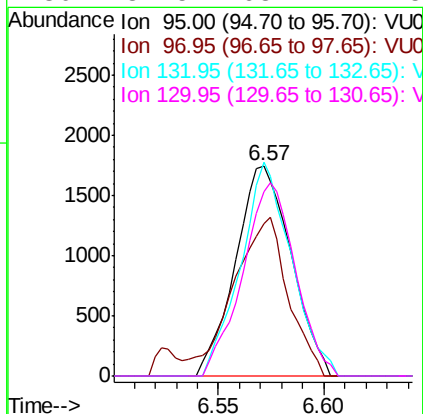
Ion	Ratio	Lower	Upper
95	100		
97	72.4	45.4	84.2
132	101.5	63.7	118.3
130	87.5	68.7	127.5

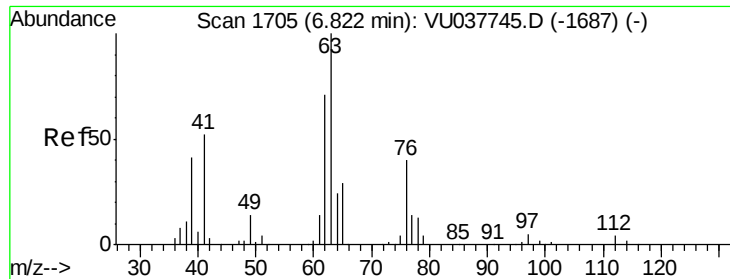
Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): VU0

Ion 129.95 (129.65 to 130.65): VU0

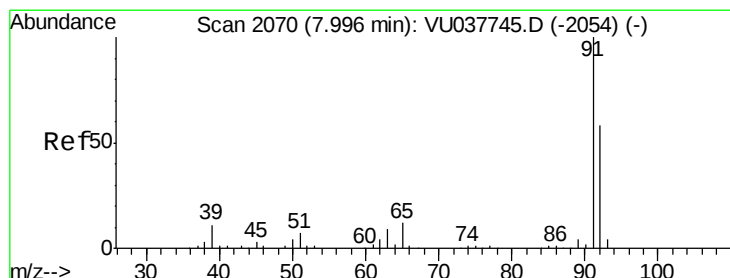
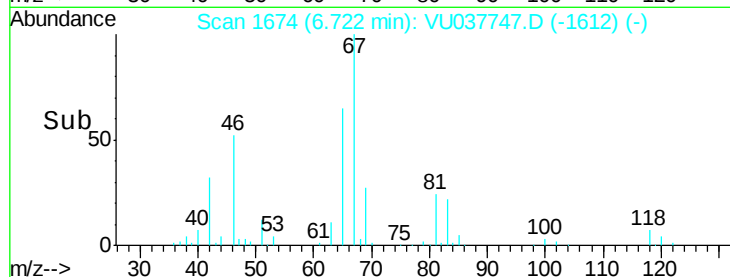
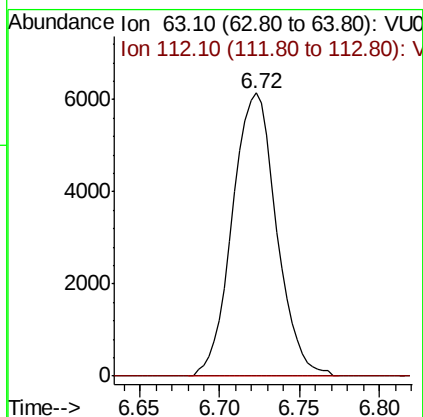
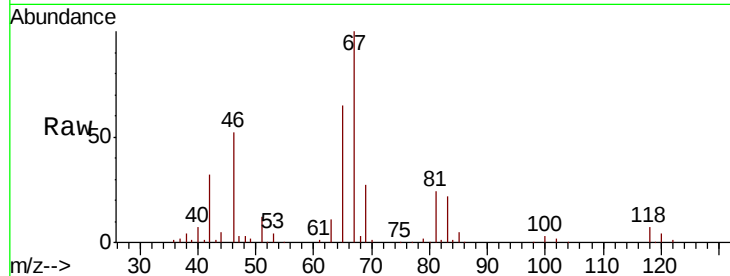




#37
 1,2-Dichloropropane
 Concen: 0.523 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037747.D
 Acq: 16 Apr 2020 12:07

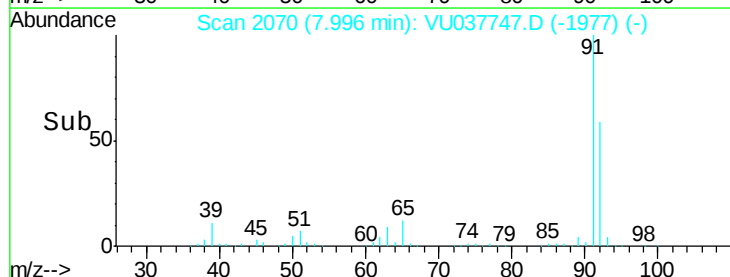
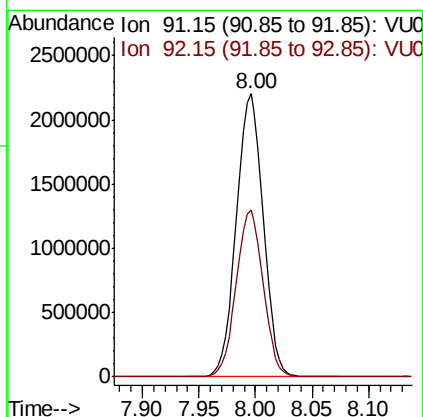
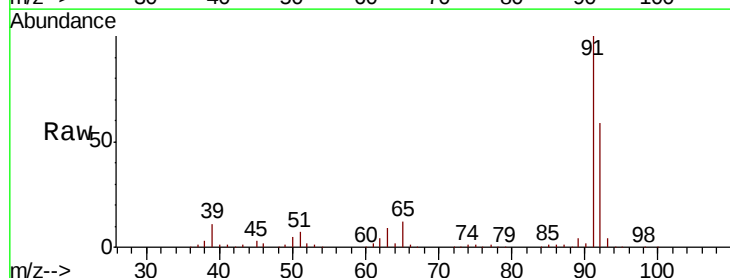
Instrument :
 MSVOA_U
 ClientSampleId :

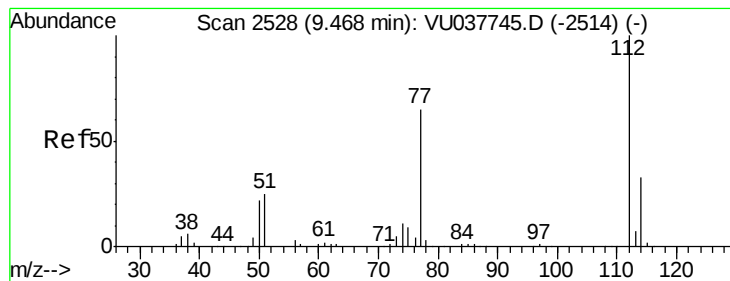
Tot Ion: 63 Resp: 11559
 Ion Ratio Lower Upper
 63 100
 112 1.9 3.4 5.0#



#42
 Toluene
 Concen: 42.032 ug/L
 RT: 8.00 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VU037747.D
 Acq: 16 Apr 2020 12:07

Tgt Ion: 91 Resp: 3671665
 Ion Ratio Lower Upper
 91 100
 92 59.0 41.1 76.3





#51

Chlorobenzene

Concen: 13.491 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. 0.00 min

Lab File: VU037747.D

Acq: 16 Apr 2020 12:07

Instrument :

MSVOA_U

ClientSampleId :

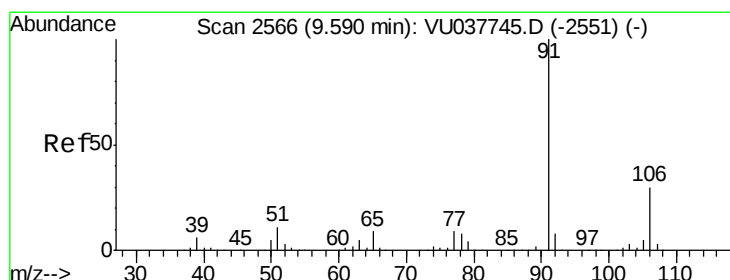
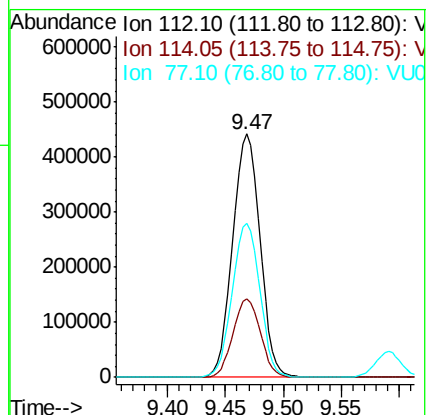
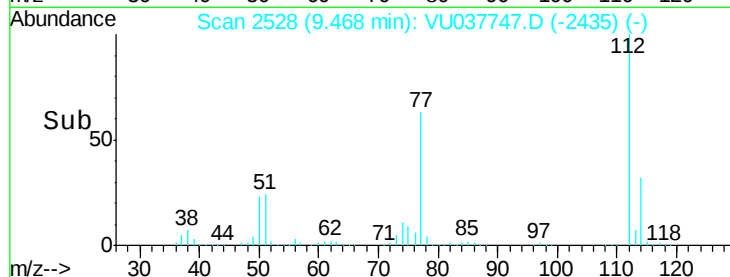
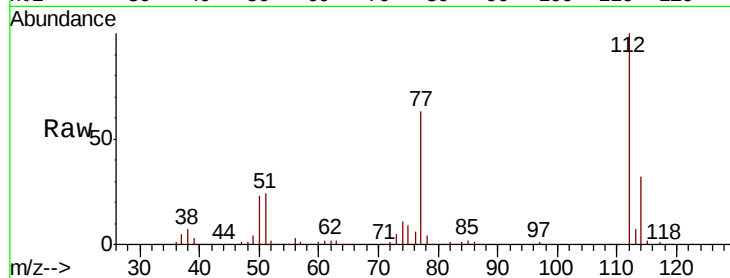
Tot Ion:112 Resp: 719031

Ion Ratio Lower Upper

112 100

114 32.3 22.6 42.0

77 63.5 50.2 75.4



#52

Ethylbenzene

Concen: 8.363 ug/L

RT: 9.59 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VU037747.D

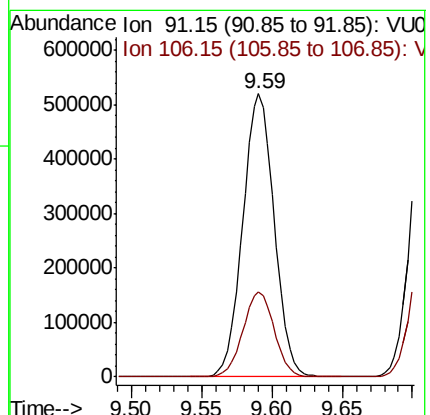
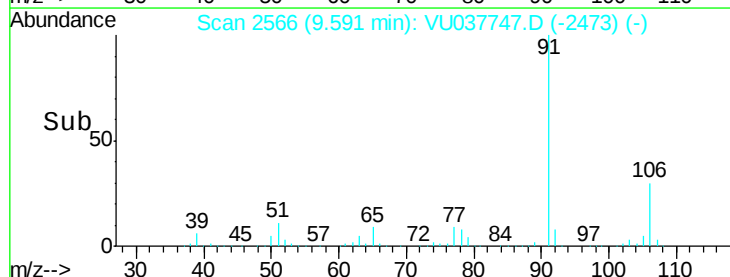
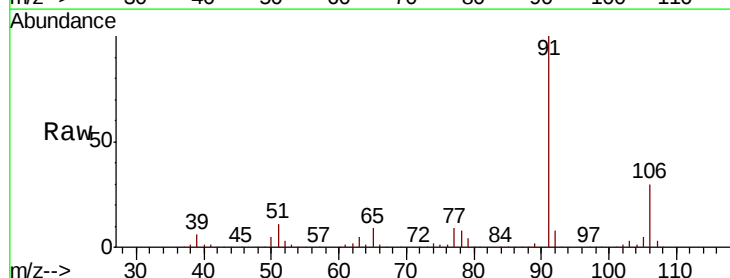
Acq: 16 Apr 2020 12:07

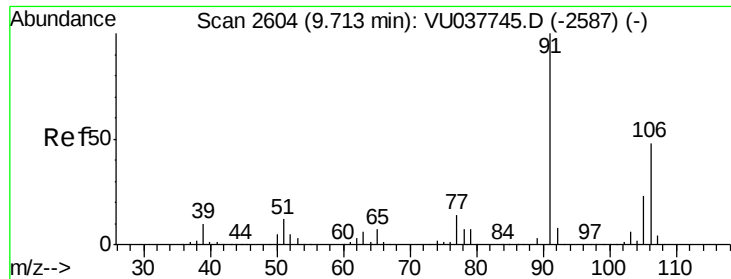
Tgt Ion: 91 Resp: 812690

Ion Ratio Lower Upper

91 100

106 30.1 21.7 40.3





#53

m,p-Xylene

Concen: 14.923 ug/L

RT: 9.71 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VU037747.D

Acq: 16 Apr 2020 12:07

Instrument :

MSVOA_U

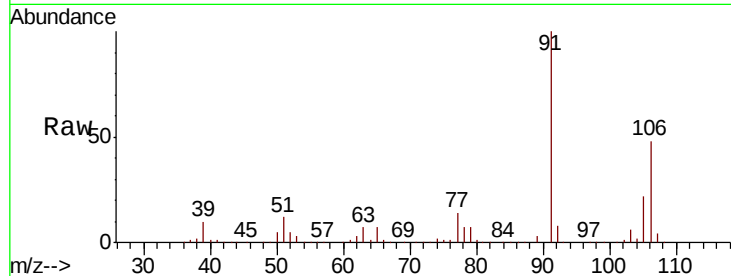
ClientSampled :

Tot Ion:106 Resp: 548900

Ion Ratio Lower Upper

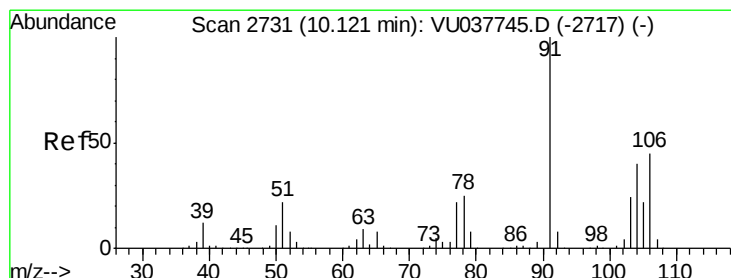
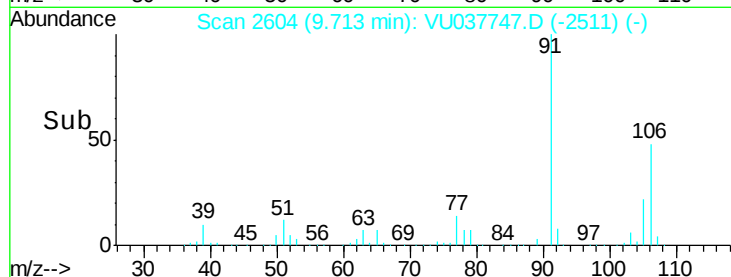
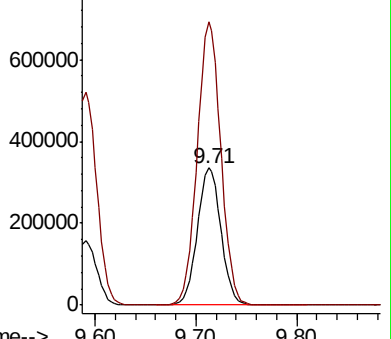
106 100

91 206.7 143.9 267.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 7.847 ug/L

RT: 10.12 min Scan# 2731

Delta R.T. 0.00 min

Lab File: VU037747.D

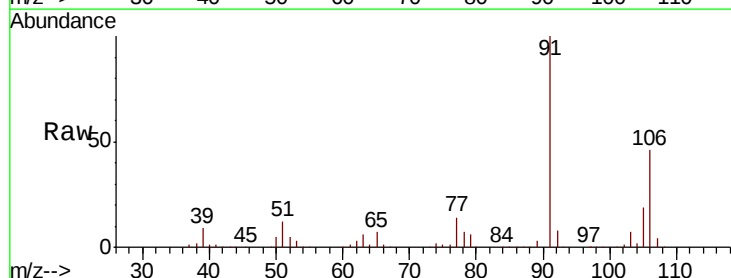
Acq: 16 Apr 2020 12:07

Tgt Ion:106 Resp: 284053

Ion Ratio Lower Upper

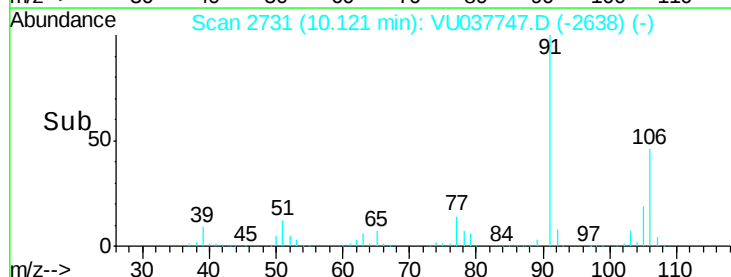
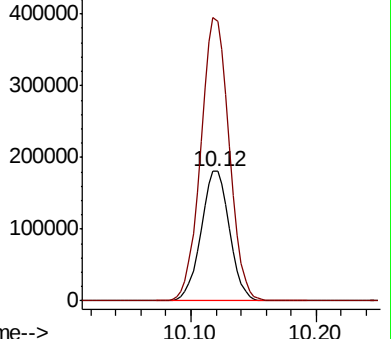
106 100

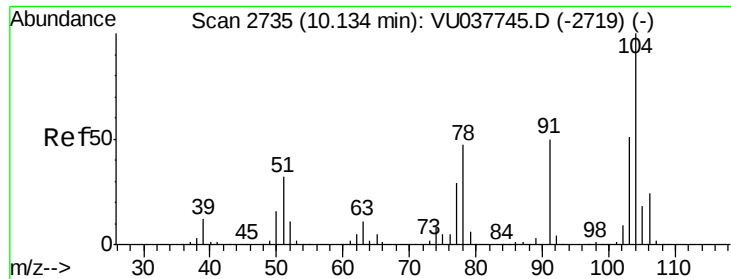
91 216.0 151.1 280.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#55

Stvrene

Concen: 0.245 ug/L

RT: 10.12 min Scan# 2730

Delta R.T. -0.02 min

Lab File: VU037747.D

Acq: 16 Apr 2020 12:07

Instrument :

MSVOA_U

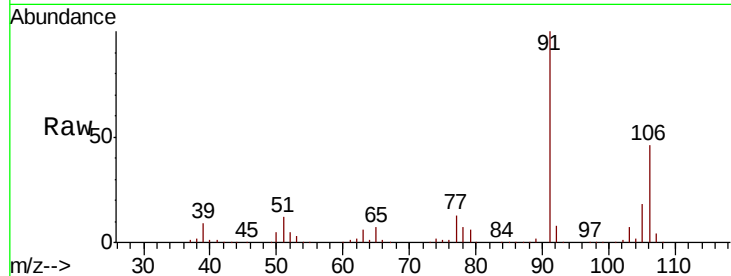
ClientSampleId :

Tot Ion:104 Resp: 15158

Ion Ratio Lower Upper

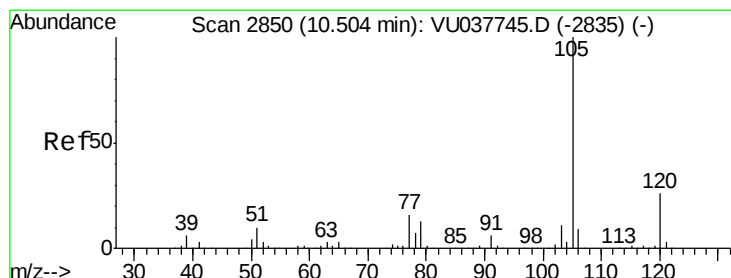
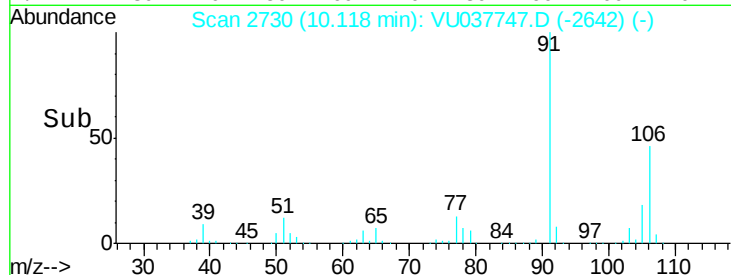
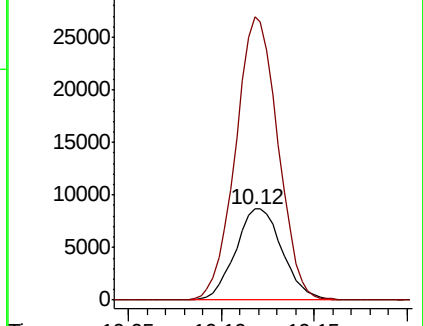
104 100

78 309.9 32.5 60.3#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0



#56

Isopropylbenzene

Concen: 2.740 ug/L

RT: 10.50 min Scan# 2850

Delta R.T. 0.00 min

Lab File: VU037747.D

Acq: 16 Apr 2020 12:07

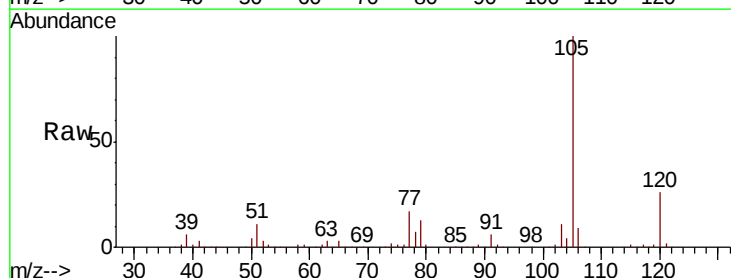
Tgt Ion:105 Resp: 260145

Ion Ratio Lower Upper

105 100

120 26.0 20.6 31.0

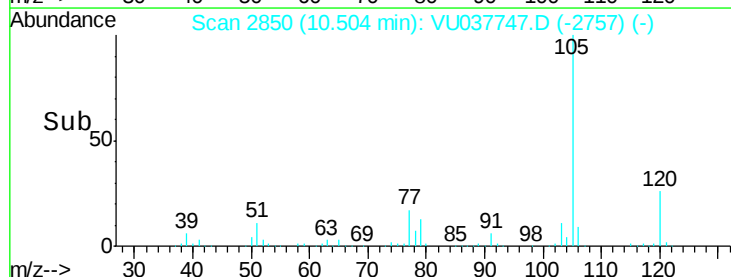
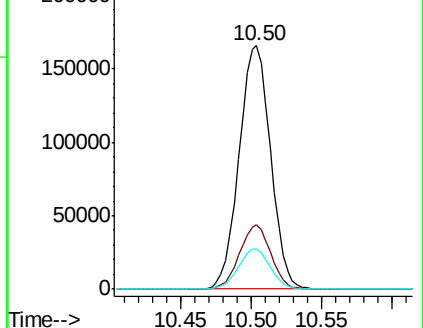
77 16.6 13.2 19.8

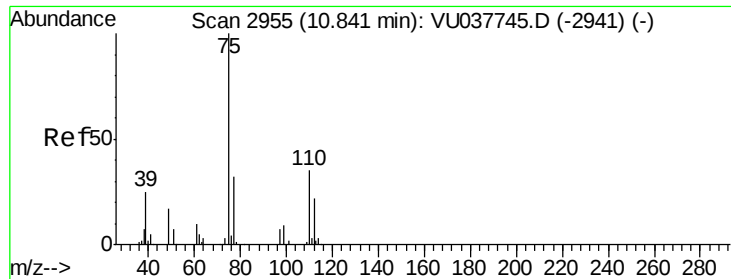


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU0

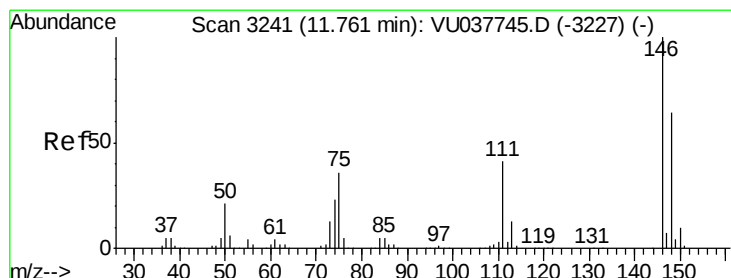
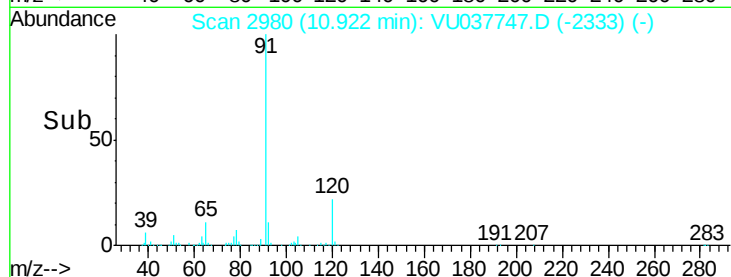
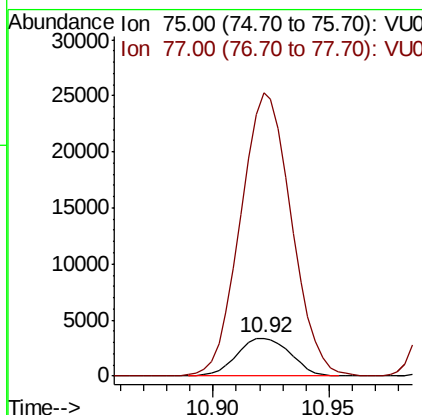
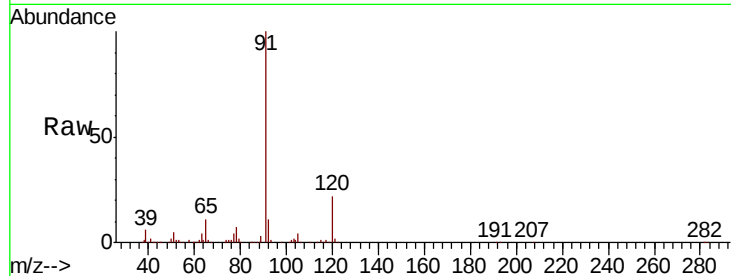




#59
 1,2,3-Trichloropropane
 Concen: 0.372 ug/L
 RT: 10.92 min Scan# 2980
 Delta R.T. 0.08 min
 Lab File: VU037747.D
 Acq: 16 Apr 2020 12:07

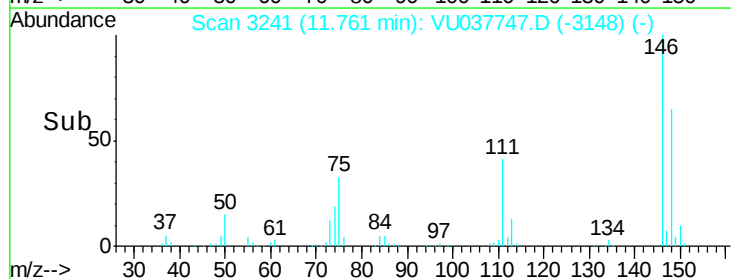
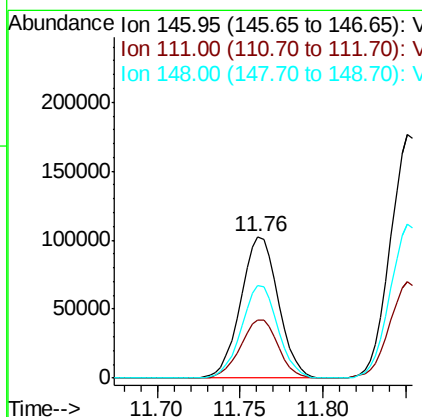
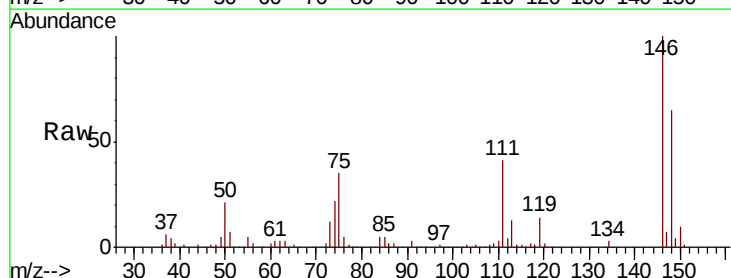
Instrument :
 MSVOA_U
 ClientSampleId :

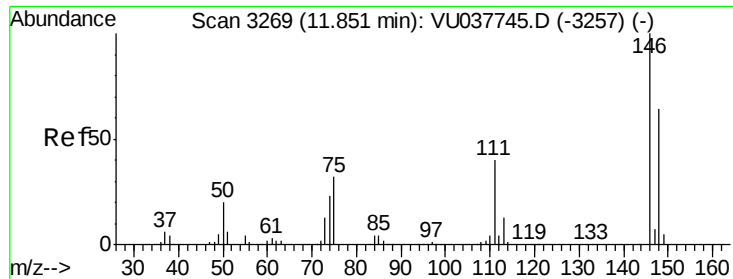
Tot Ion: 75 Resp: 5390
 Ion Ratio Lower Upper
 75 100
 77 716.6 25.4 38.2#



#62
 1,3-Dichlorobenzene
 Concen: 3.799 ug/L
 RT: 11.76 min Scan# 3241
 Delta R.T. 0.00 min
 Lab File: VU037747.D
 Acq: 16 Apr 2020 12:07

Tgt Ion: 146 Resp: 160639
 Ion Ratio Lower Upper
 146 100
 111 41.4 29.8 55.3
 148 65.4 44.5 82.7





#63

1,4-Dichlorobenzene

Concen: 6.523 ug/L

RT: 11.85 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VU037747.D

Acq: 16 Apr 2020 12:07

Instrument :

MSVOA_U

ClientSampled :

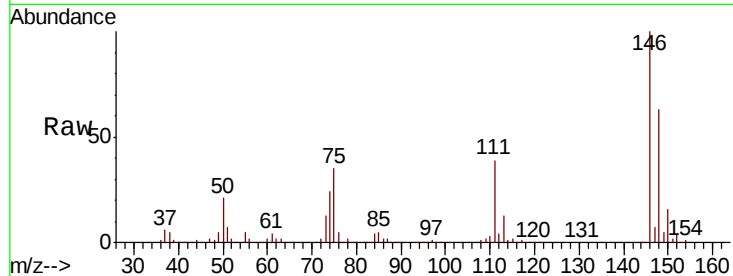
Tot Ion:146 Resp: 276565

Ion Ratio Lower Upper

146 100

111 39.4 28.4 52.8

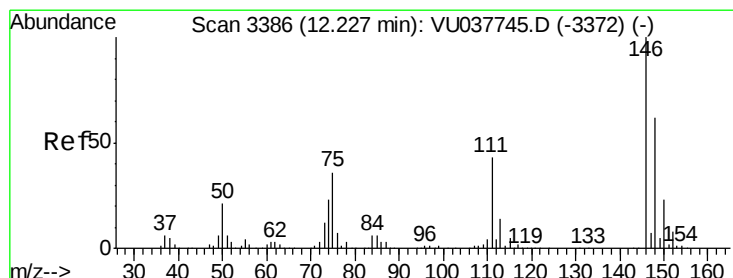
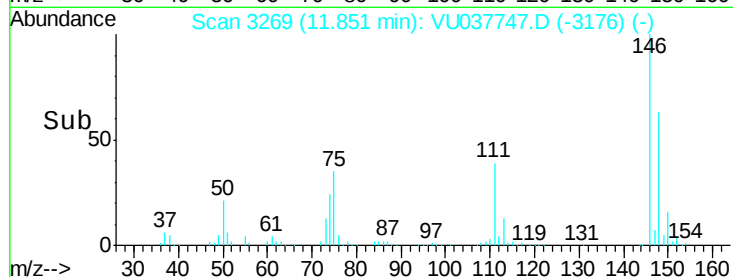
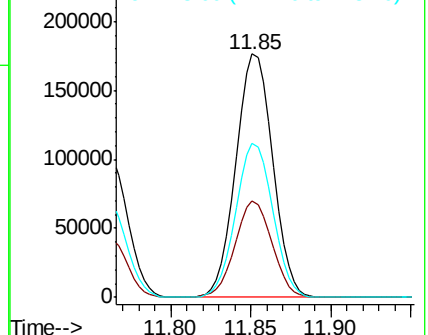
148 63.0 44.9 83.3



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: 2.229 ug/L

RT: 12.23 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU037747.D

Acq: 16 Apr 2020 12:07

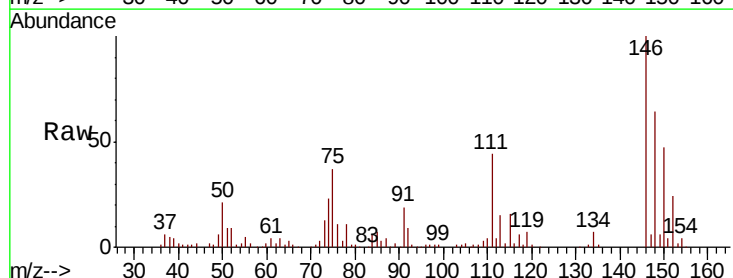
Tgt Ion:146 Resp: 88700

Ion Ratio Lower Upper

146 100

111 43.9 35.0 52.6

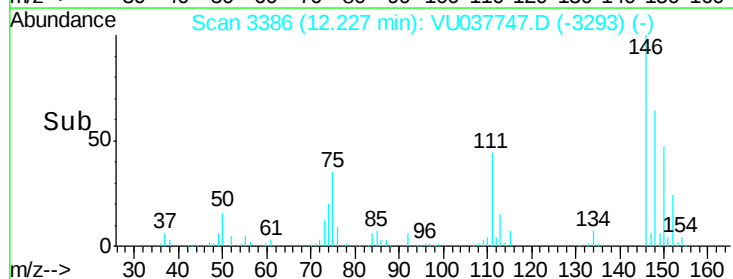
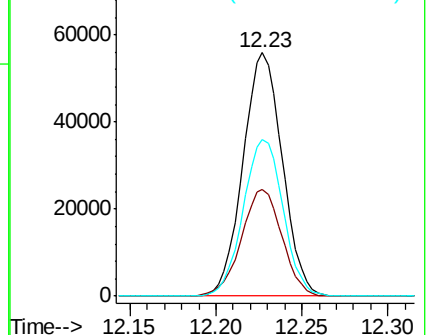
148 64.3 51.5 77.3

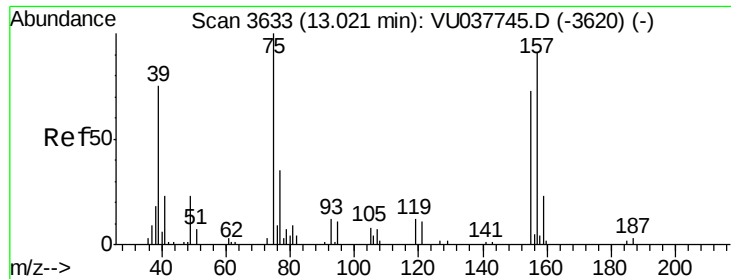


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

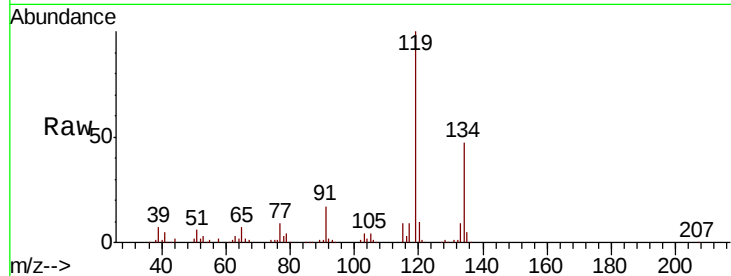




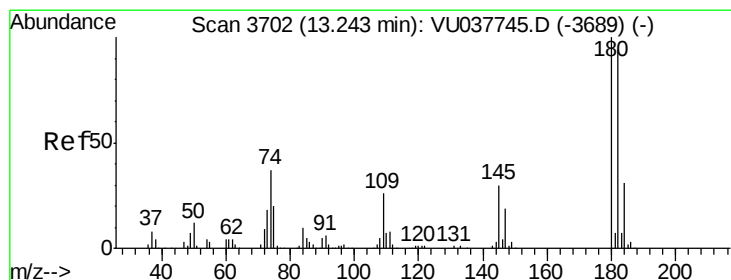
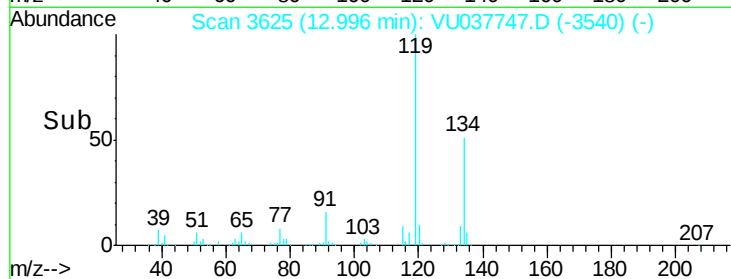
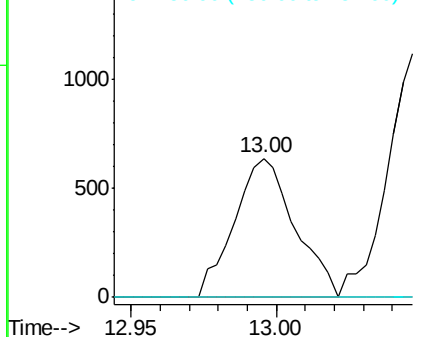
#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.251 ug/L
 RT: 13.00 min Scan# 3625
 Delta R.T. -0.03 min
 Lab File: VU037747.D
 Acq: 16 Apr 2020 12:07

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 926
 Ion Ratio Lower Upper
 75 100
 155 0.0 57.9 86.9#
 157 0.0 79.8 119.8#

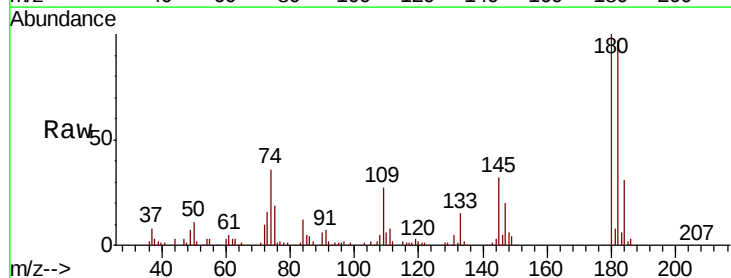


Abundance Ion 75.05 (74.75 to 75.75): VU037745.D (-3620) (-)
 Ion 154.95 (154.65 to 155.65): VU037745.D (-3620) (-)
 Ion 156.90 (156.60 to 157.60): VU037745.D (-3620) (-)

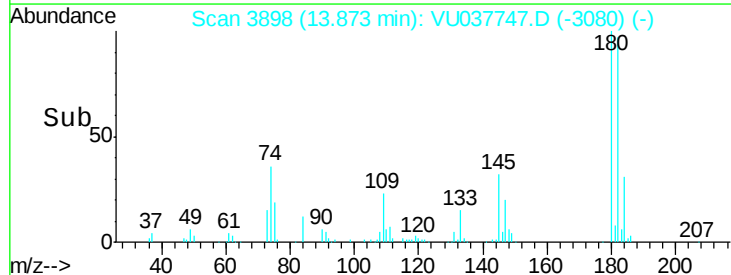
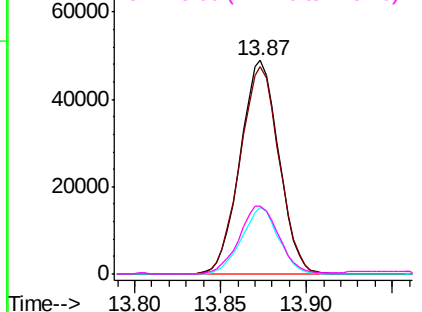


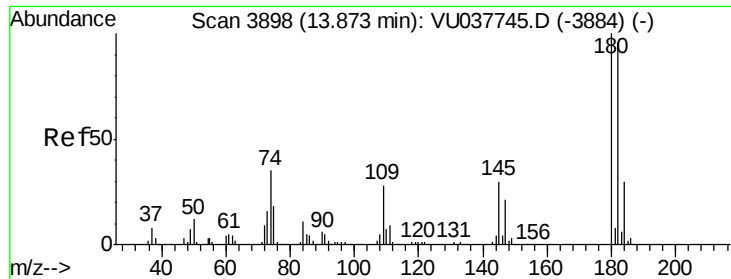
#67
 1,3,5-Trichlorobenzene
 Concen: 2.455 ug/L
 RT: 13.87 min Scan# 3898
 Delta R.T. 0.63 min
 Lab File: VU037747.D
 Acq: 16 Apr 2020 12:07

Tgt Ion: 180 Resp: 76124
 Ion Ratio Lower Upper
 180 100
 182 98.3 77.1 115.7
 184 29.7 24.7 37.1
 145 33.1 24.6 37.0



Abundance Ion 180.00 (179.70 to 180.70): VU037745.D (-3689) (-)
 Ion 182.00 (181.70 to 182.70): VU037745.D (-3689) (-)
 Ion 184.00 (183.70 to 184.70): VU037745.D (-3689) (-)
 Ion 145.00 (144.70 to 145.70): VU037745.D (-3689) (-)

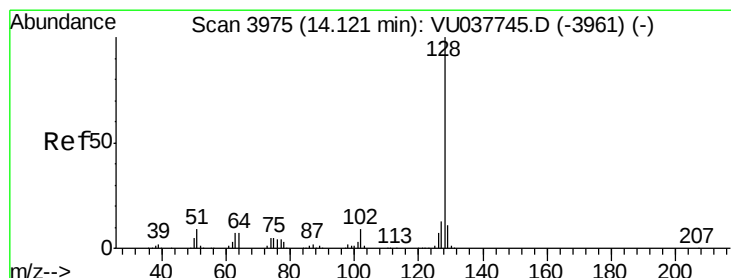
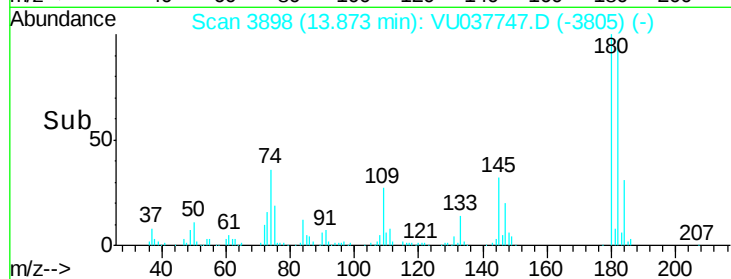
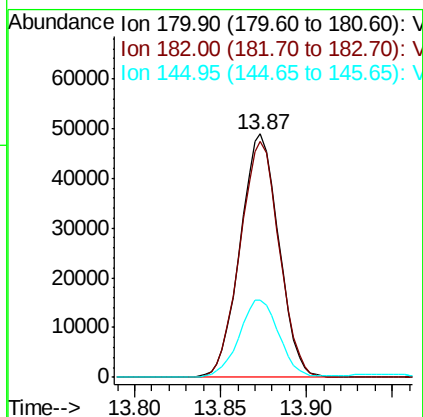
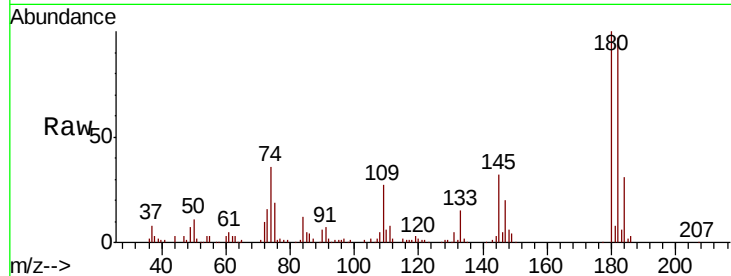




#68
 1,2,4-trichlorobenzene
 Concen: 2.675 ug/L
 RT: 13.87 min Scan# 3898
 Delta R.T. 0.00 min
 Lab File: VU037747.D
 Acq: 16 Apr 2020 12:07

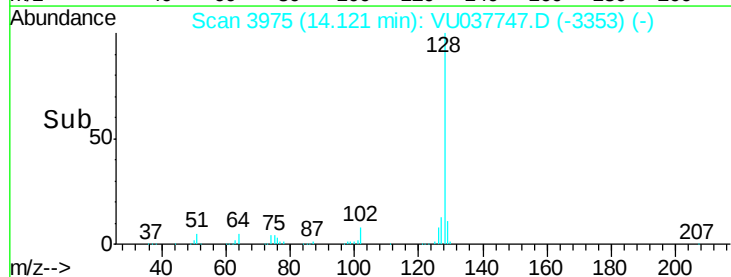
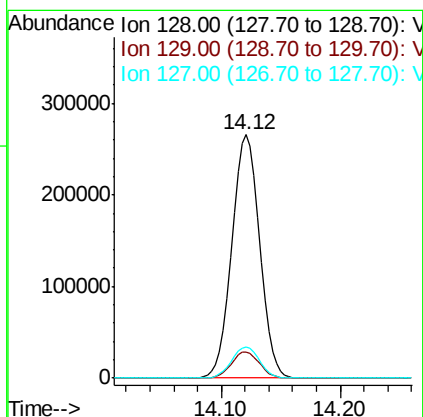
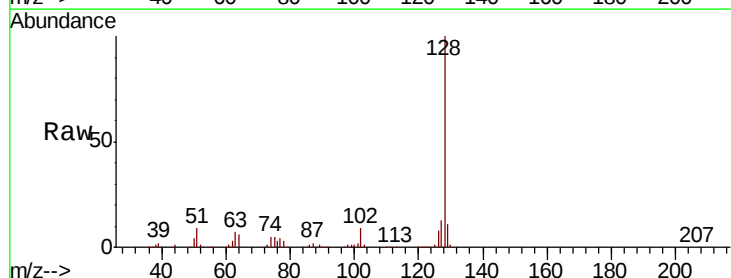
Instrument :
 MSVOA_U
 ClientSampleId :

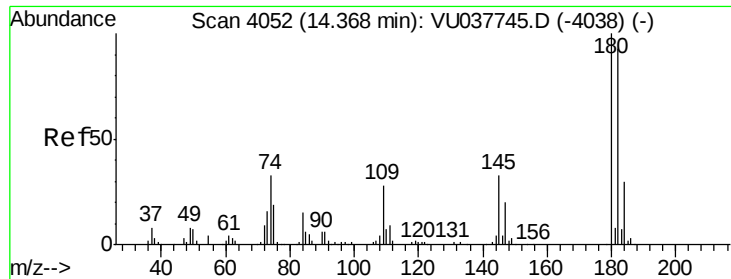
Tot Ion:180 Resp: 76124
 Ion Ratio Lower Upper
 180 100
 182 98.3 76.4 114.6
 145 33.1 25.1 37.7



#69
 Naphthalene
 Concen: 7.464 ug/L
 RT: 14.12 min Scan# 3975
 Delta R.T. 0.00 min
 Lab File: VU037747.D
 Acq: 16 Apr 2020 12:07

Tgt Ion:128 Resp: 430171
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.6 12.8
 127 13.0 10.4 15.6

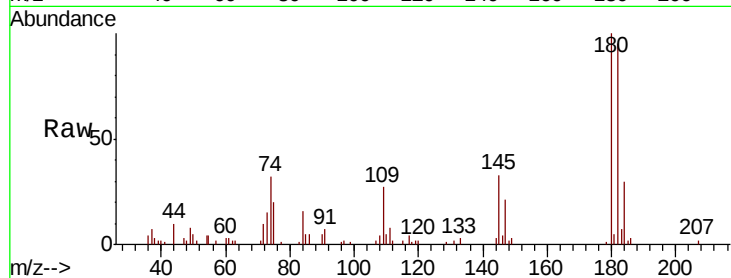




#70
 1,2,3-Trichlorobenzene
 Concen: 0.784 ug/L
 RT: 14.37 min Scan# 4052
 Delta R.T. 0.00 min
 Lab File: VU037747.D
 Acq: 16 Apr 2020 12:07

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
180	100			
182	97.7	76.6	115.0	
145	36.8	26.7	40.1	



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

