

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
 Data File : VU061619.D
 Acq On : 13 Nov 2024 11:41
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 14 00:23:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 14 00:18:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	197577	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	186517	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	91237	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	64285	5.036	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.800%
7) Chloroethane-d5	1.911	69	53392	4.899	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.560	65	28020	4.892	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	4.628	46	136887	50.520	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.040%
24) Chloroform-d	5.052	84	129534	5.105	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.695	65	61809	5.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.718	84	264226	5.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	6.682	67	78268	5.143	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.888	98	251871	5.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
43) trans-1,3-Dichloroprop...	8.171	79	28330	5.054	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.624	63	116117	52.419	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.840%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	59738	4.979	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	82882	5.100	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	77857	5.302	ug/L	99
3) Chloromethane	1.518	50	67171	5.042	ug/L	99
5) Vinyl chloride	1.602	62	77325	5.260	ug/L	100
6) Bromomethane	1.856	94	49286	5.618	ug/L	99
8) Chloroethane	1.930	64	50821	4.983	ug/L	100
9) Trichlorofluoromethane	2.132	101	110236	5.101	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	67482	5.282	ug/L	98
12) 1,1-Dichloroethene	2.573	96	61997	5.198	ug/L	98
13) Acetone	2.647	43	84928	49.750	ug/L	97
14) Carbon disulfide	2.788	76	196269	5.123	ug/L	99
15) Methyl Acetate	2.956	43	21123	4.953	ug/L	100
16) Methylene chloride	3.039	84	70240	5.110	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	151307	5.176	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	67950	5.194	ug/L	98
19) 1,1-Dichloroethane	3.859	63	124312	5.212	ug/L	98
21) 2-Butanone	4.708	43	142426	51.086	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	75837	5.140	ug/L	98
23) Bromochloromethane	4.965	128	34014	5.191	ug/L	96
25) Chloroform	5.078	83	130867	5.206	ug/L	97

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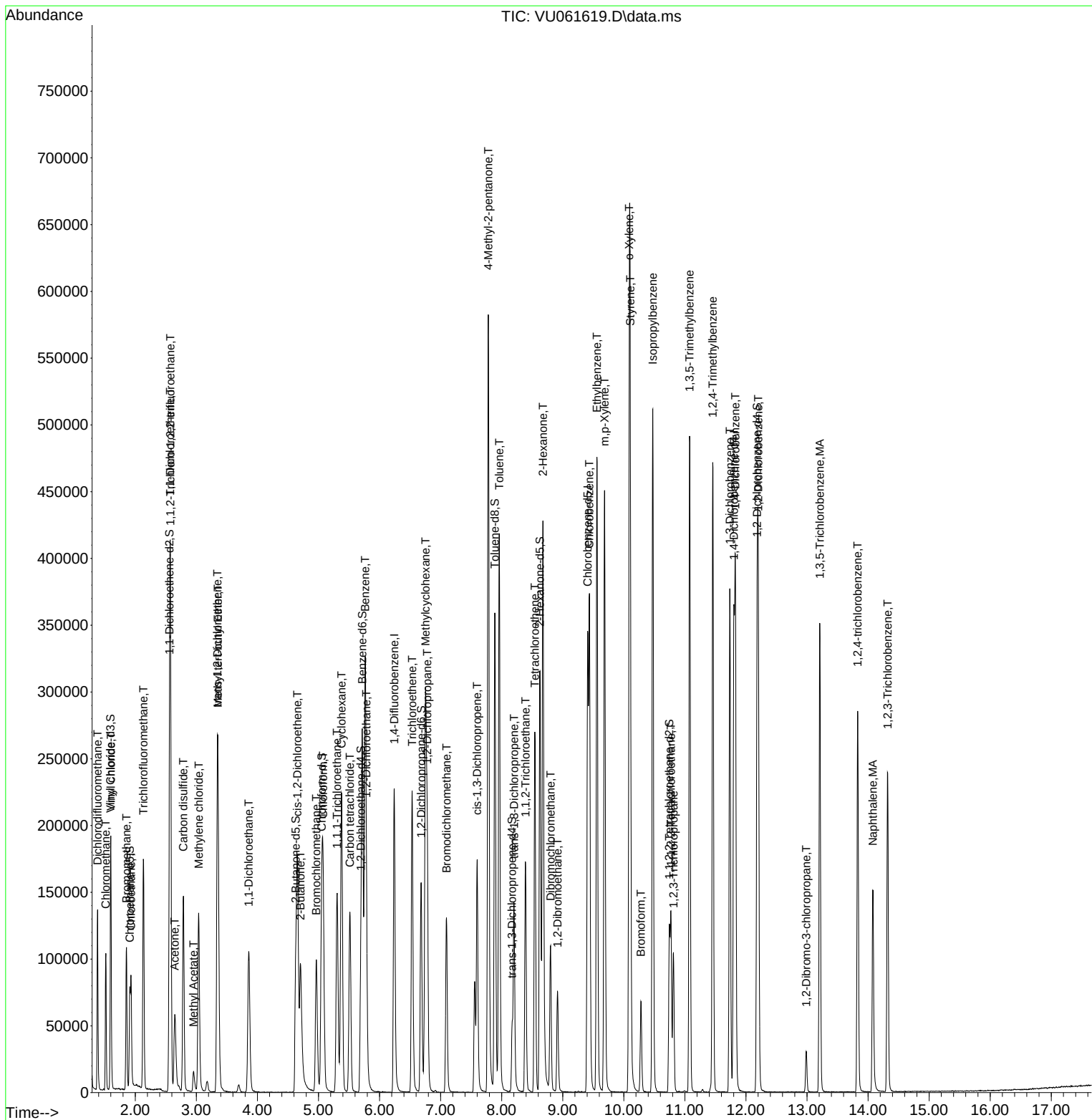
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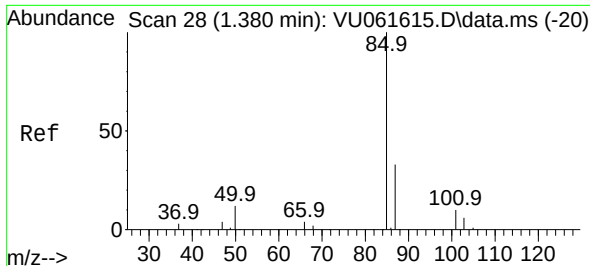
Quant Time: Nov 14 00:23:03 2024
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	81461	5.164	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	111062	5.233	ug/L	99
30) Cyclohexane	5.377	56	113850	5.370	ug/L	99
31) Carbon tetrachloride	5.515	117	94187	5.210	ug/L	100
33) Benzene	5.766	78	294244	5.213	ug/L	100
34) Trichloroethene	6.534	95	78598	5.157	ug/L	95
35) Methylcyclohexane	6.753	83	123949	5.392	ug/L	99
37) 1,2-Dichloropropane	6.782	63	75540	5.275	ug/L	100
38) Bromodichloromethane	7.097	83	88422	5.146	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	107153	5.257	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	360394	52.485	ug/L	99
42) Toluene	7.962	91	321292	5.286	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	85165	5.268	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	55992	5.363	ug/L	96
47) Tetrachloroethene	8.544	164	59990	5.238	ug/L	96
48) 2-Hexanone	8.676	43	260413	53.040	ug/L	99
49) Dibromochloromethane	8.801	129	56146	5.129	ug/L	98
50) 1,2-Dibromoethane	8.917	107	52406	5.322	ug/L	99
51) Chlorobenzene	9.438	112	204761	5.234	ug/L	99
52) Ethylbenzene	9.560	91	347737	5.371	ug/L	98
53) m,p-Xylene	9.685	106	135211	5.458	ug/L	100
54) o-Xylene	10.090	106	127715	5.304	ug/L	97
55) Styrene	10.106	104	210359	5.487	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	66494	5.234	ug/L	98
59) Bromoform	10.280	173	30546	5.058	ug/L	100
60) Isopropylbenzene	10.476	105	343801	5.434	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	44405	5.166	ug/L	96
62) 1,3,5-Trimethylbenzene	11.077	105	272943	5.388	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	270856	5.493	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	155056	5.344	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	153353	5.205	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	142976	5.298	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.987	75	7669	5.110	ug/L	95
69) 1,3,5-Trichlorobenzene	13.209	180	109886	5.424	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	88685	5.648	ug/L	99
71) Naphthalene	14.081	128	133839	5.937	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	76781	5.825	ug/L	99

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

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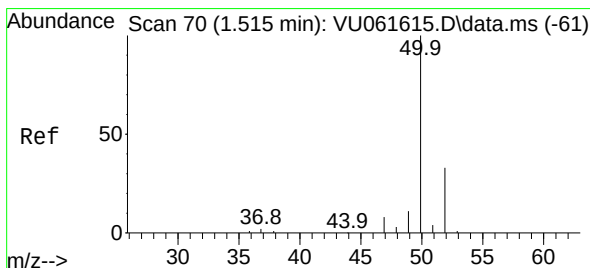
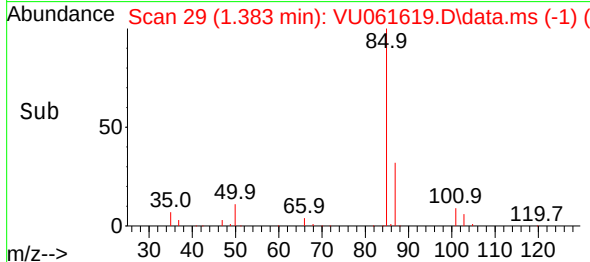
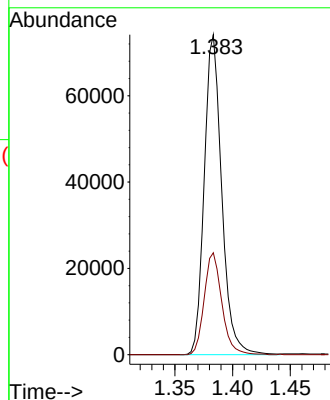
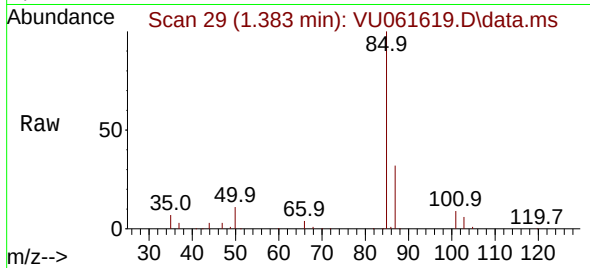




#2
 Dichlorodifluoromethane
 Concen: 5.302 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VU061619.D
 Acq: 13 Nov 2024 11:41

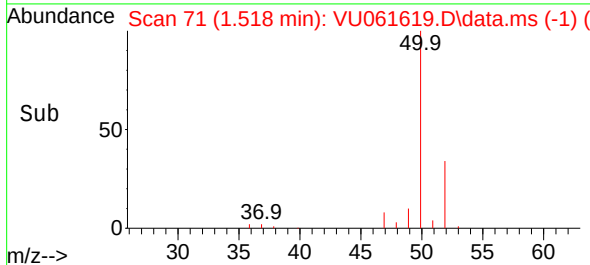
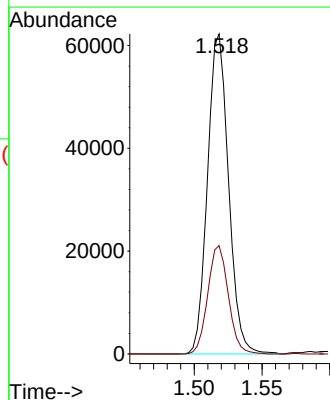
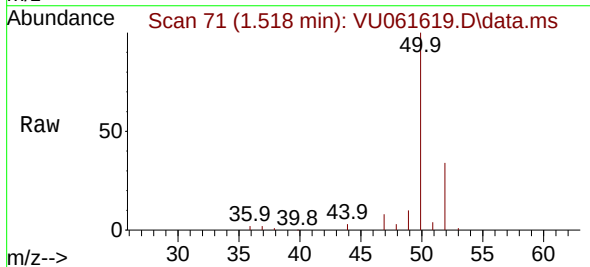
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 ClientSampleId :

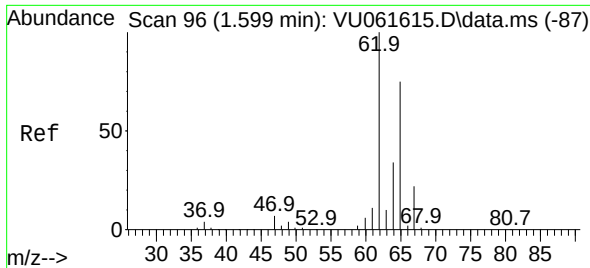
Tgt Ion: 85 Resp: 77857
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.0 39.0



#3
 Chloromethane
 Concen: 5.042 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU061619.D
 Acq: 13 Nov 2024 11:41

Tgt Ion: 50 Resp: 67171
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.2 43.2

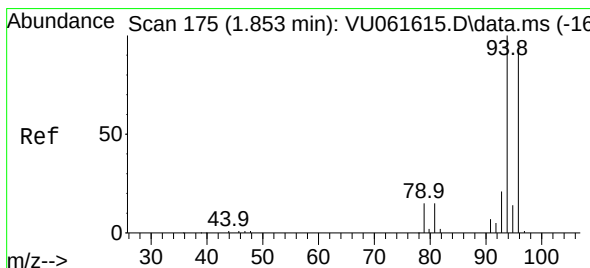
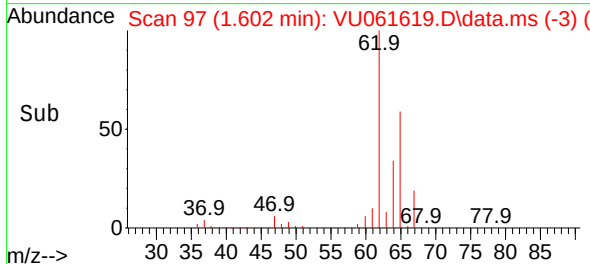
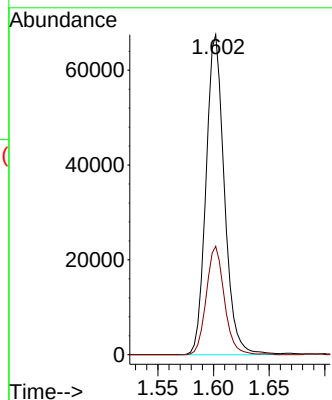
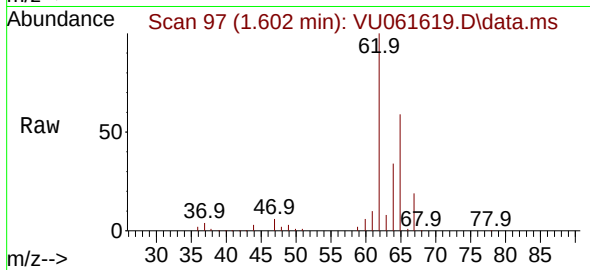




#5
 Vinyl chloride
 Concen: 5.260 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU061619.D
 Acq: 13 Nov 2024 11:41

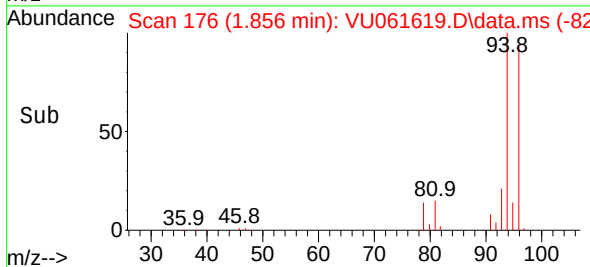
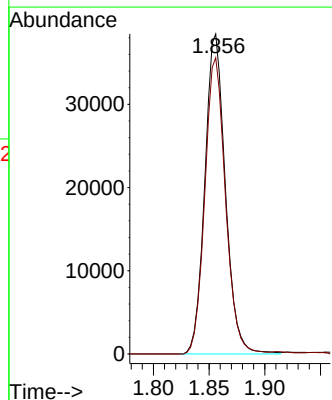
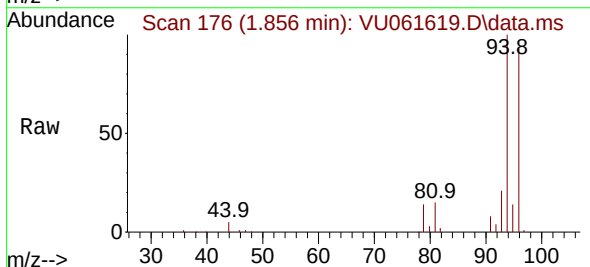
Instrument :
 MSVOA_U
 ClientSampleId :

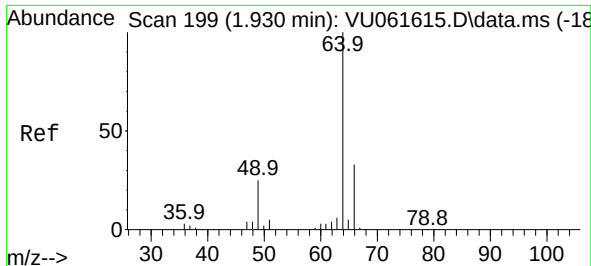
Tgt Ion: 62 Resp: 77325
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.7 44.1



#6
 Bromomethane
 Concen: 5.618 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.003 min
 Lab File: VU061619.D
 Acq: 13 Nov 2024 11:41

Tgt Ion: 94 Resp: 49286
 Ion Ratio Lower Upper
 94 100
 96 92.6 65.7 121.9

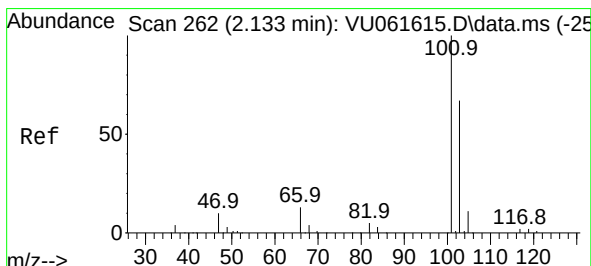
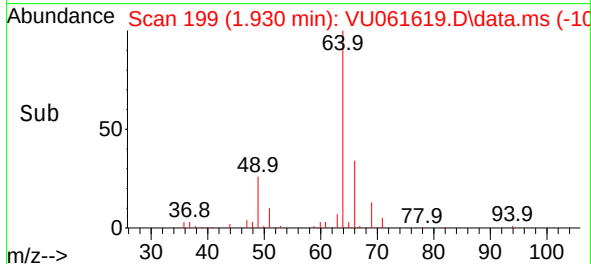
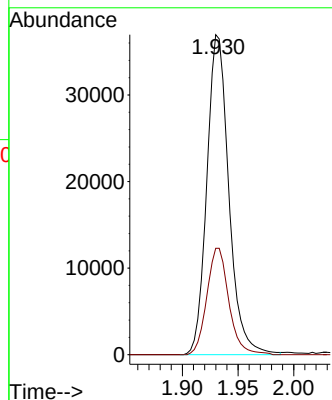
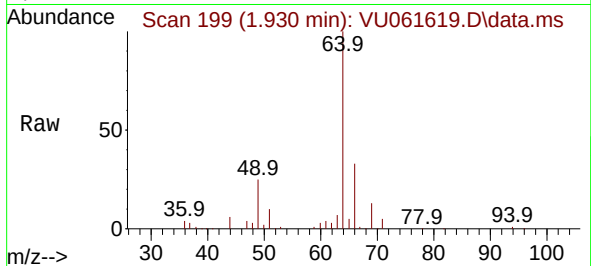




#8
Chloroethane
Concen: 4.983 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061619.D
Acq: 13 Nov 2024 11:41

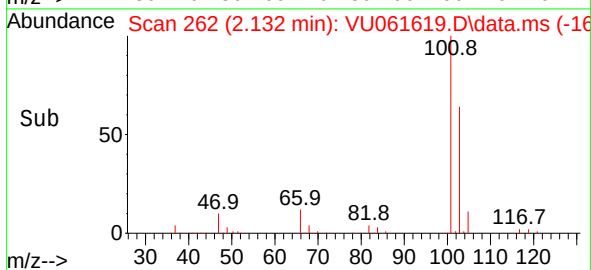
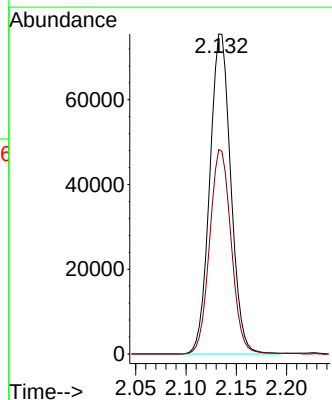
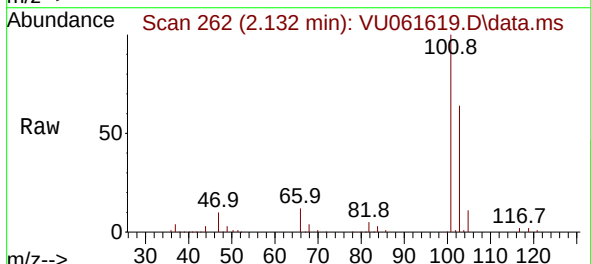
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MSVOA_U
ClientSampleId :

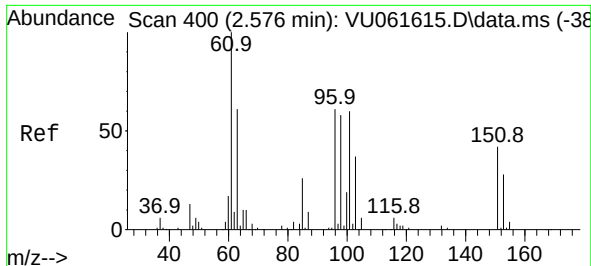
Tgt Ion: 64 Resp: 50821
Ion Ratio Lower Upper
64 100
66 33.2 23.1 42.9



#9
Trichlorofluoromethane
Concen: 5.101 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061619.D
Acq: 13 Nov 2024 11:41

Tgt Ion:101 Resp: 110236
Ion Ratio Lower Upper
101 100
103 65.2 52.2 78.2





#10

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

Concen: 5.282 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU061619.D

Acq: 13 Nov 2024 11:41

Instrument :

MSVOA_U

ClientSampleId :

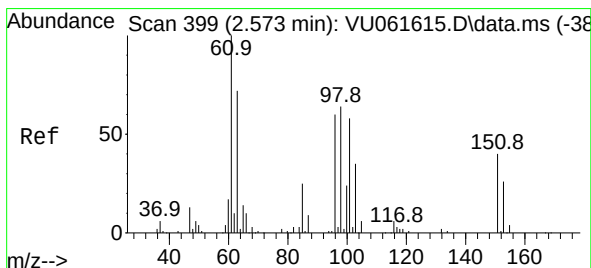
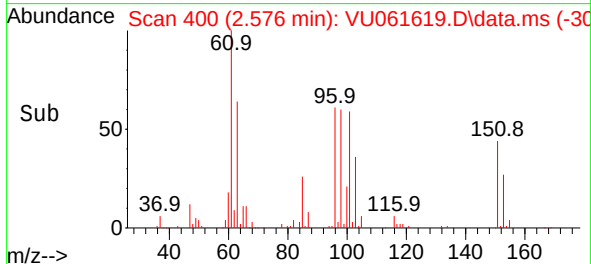
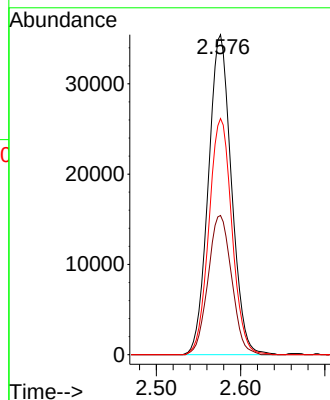
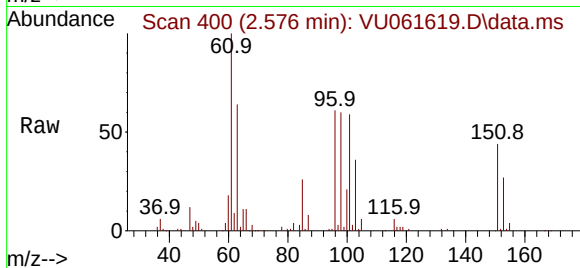
Tgt Ion:101 Resp: 67482

Ion Ratio Lower Upper

101 100

85 44.3 35.1 52.7

151 73.6 56.9 85.3



#12

1,1-Dichloroethene

Concen: 5.198 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU061619.D

Acq: 13 Nov 2024 11:41

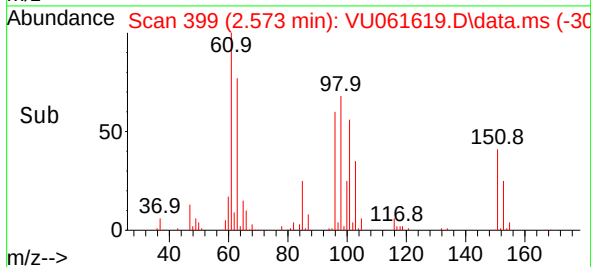
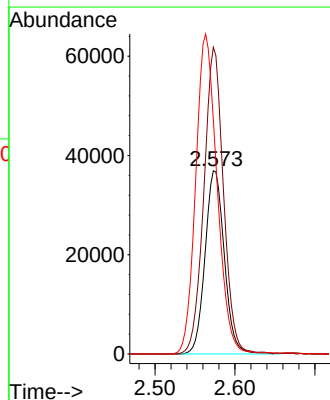
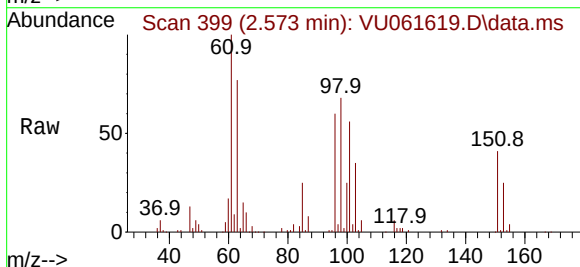
Tgt Ion: 96 Resp: 61997

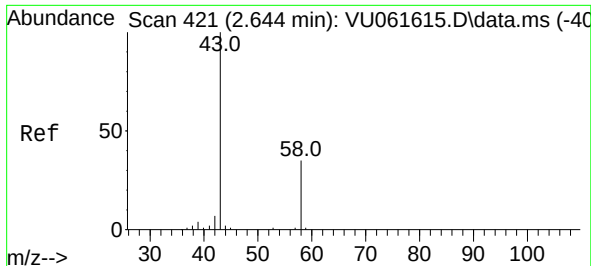
Ion Ratio Lower Upper

96 100

61 167.5 116.8 217.0

63 128.2 86.1 159.9





#13

Acetone

Concen: 49.750 ug/L

RT: 2.647 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU061619.D

Acq: 13 Nov 2024 11:41

Instrument :

MSVOA_U

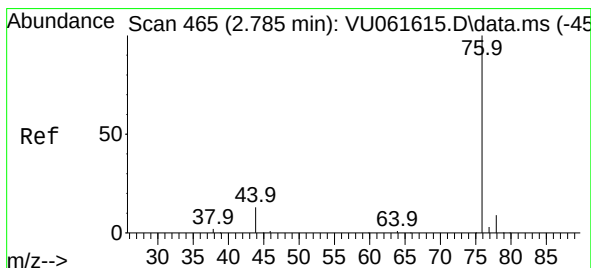
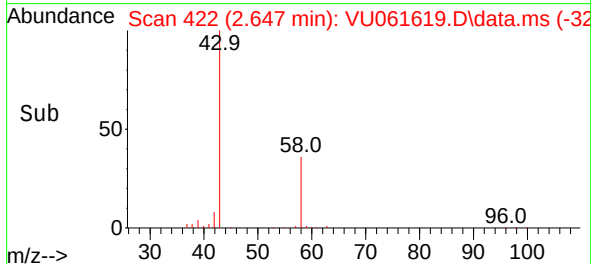
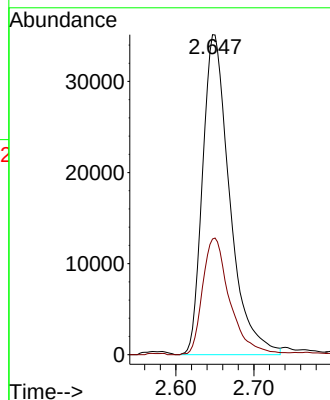
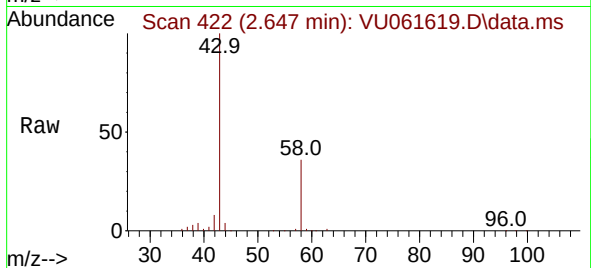
ClientSampleId :

Tgt Ion: 43 Resp: 84928

Ion Ratio Lower Upper

43 100

58 36.6 0.0 69.8



#14

Carbon disulfide

Concen: 5.123 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU061619.D

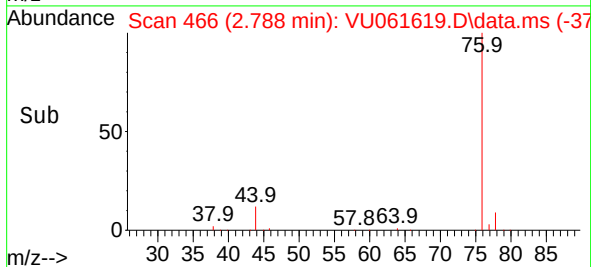
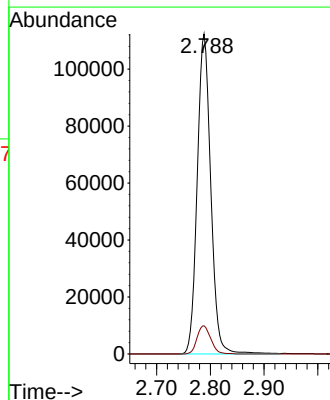
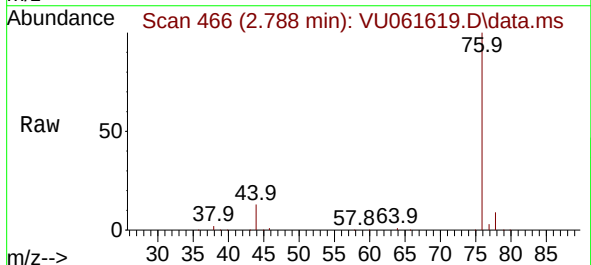
Acq: 13 Nov 2024 11:41

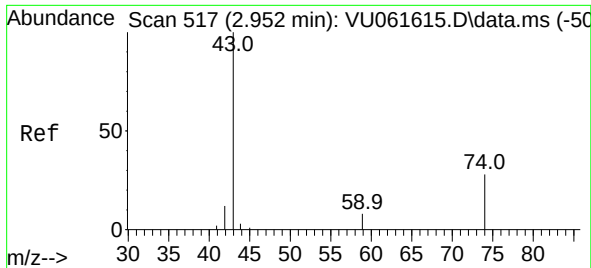
Tgt Ion: 76 Resp: 196269

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

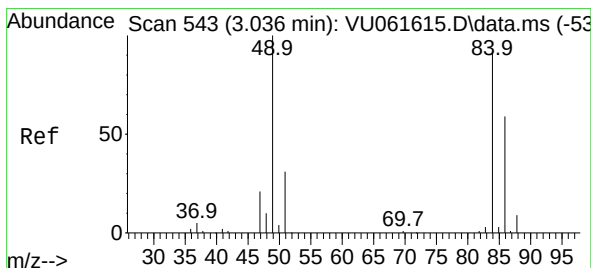
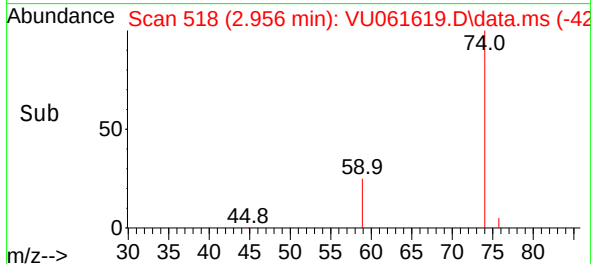
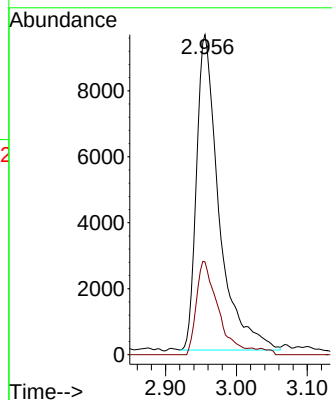
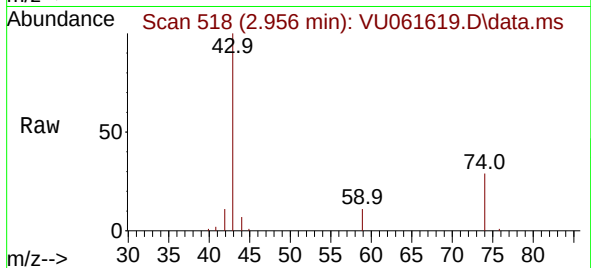




#15
Methyl Acetate
Concen: 4.953 ug/L
RT: 2.956 min Scan# 517
Delta R.T. 0.003 min
Lab File: VU061619.D
Acq: 13 Nov 2024 11:41

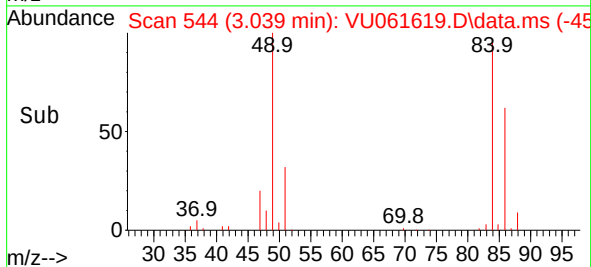
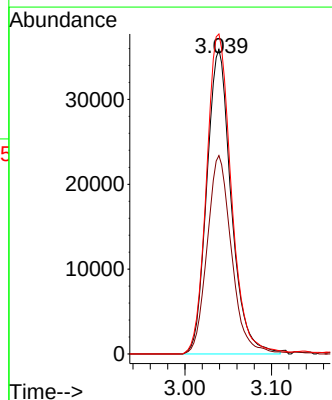
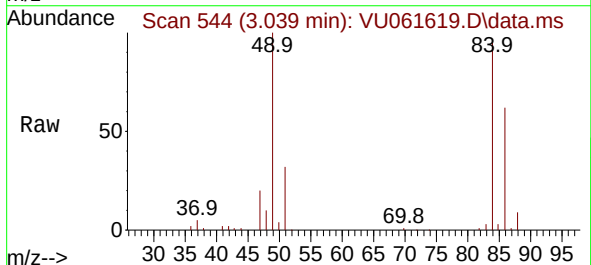
Instrument :
MSVOA_U
ClientSampleId :

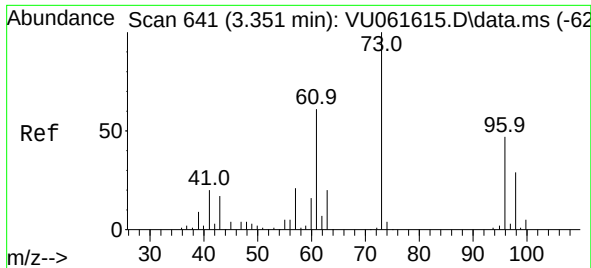
Tgt Ion: 43 Resp: 21123
Ion Ratio Lower Upper
43 100
74 28.1 22.5 33.7



#16
Methylene chloride
Concen: 5.110 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU061619.D
Acq: 13 Nov 2024 11:41

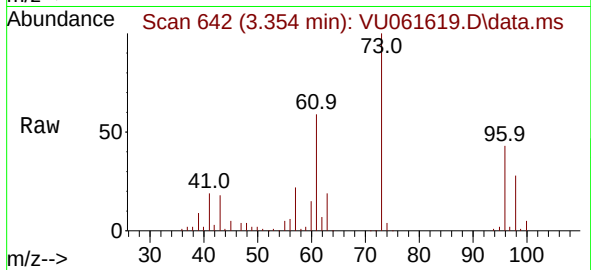
Tgt Ion: 84 Resp: 70240
Ion Ratio Lower Upper
84 100
86 65.1 45.1 83.7
49 105.0 76.3 141.7



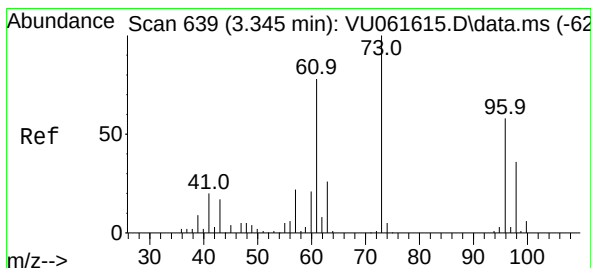
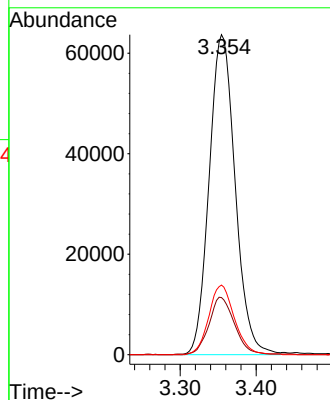
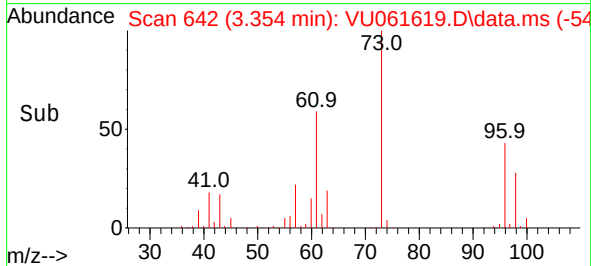


#17
Methyl tert-butyl Ether
Concen: 5.176 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU061619.D
Acq: 13 Nov 2024 11:41

Instrument :
MSVOA_U
ClientSampleId :

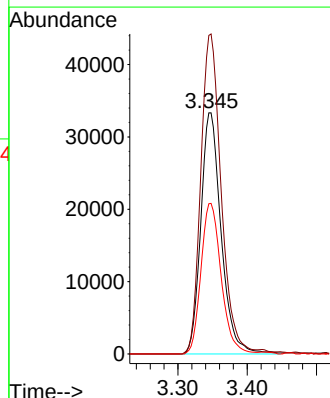
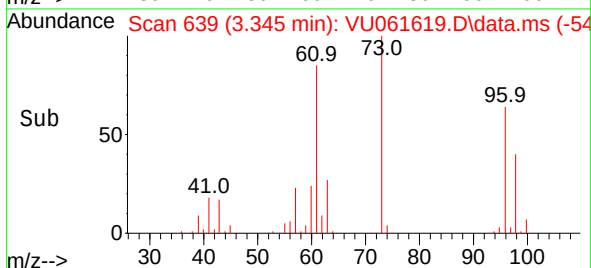
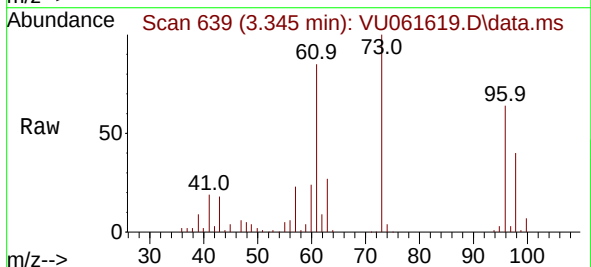


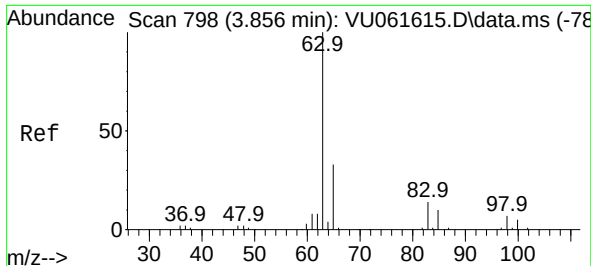
Tgt Ion: 73 Resp: 151307
Ion Ratio Lower Upper
73 100
43 17.1 14.2 21.4
57 21.4 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 5.194 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU061619.D
Acq: 13 Nov 2024 11:41

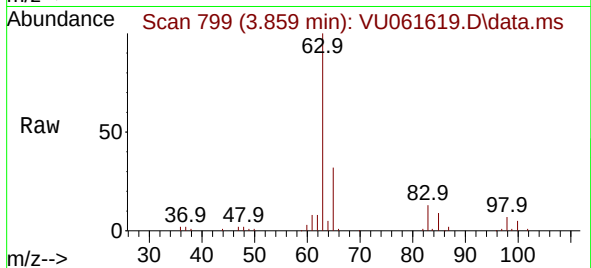
Tgt Ion: 96 Resp: 67950
Ion Ratio Lower Upper
96 100
61 132.1 94.1 174.8
98 62.3 43.2 80.2



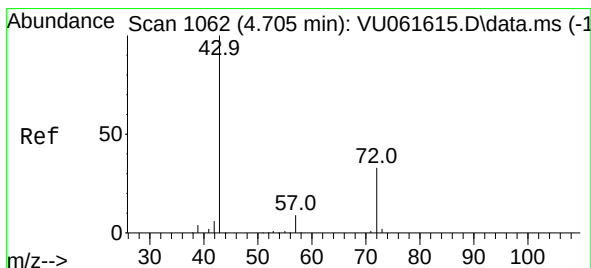
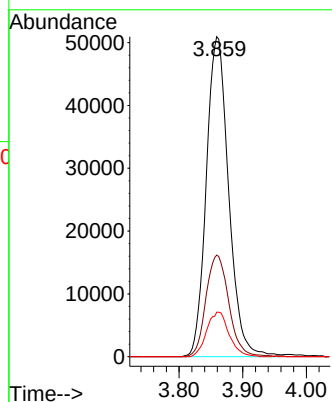
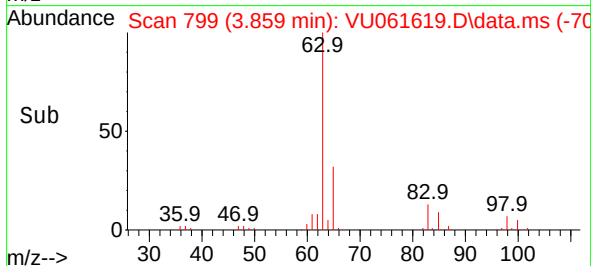


#19
1,1-Dichloroethane
Concen: 5.212 ug/L
RT: 3.859 min Scan# 798
Delta R.T. 0.003 min
Lab File: VU061619.D
Acq: 13 Nov 2024 11:41

Instrument :
MSVOA_U
ClientSampleId :

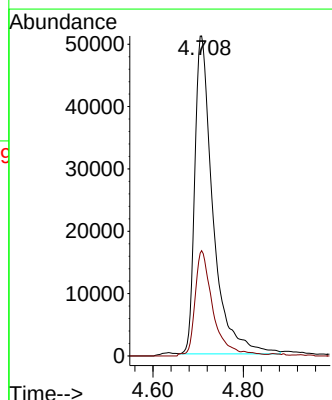
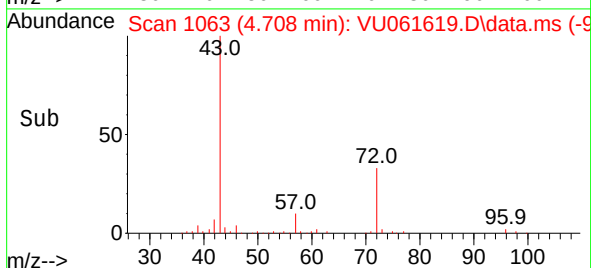
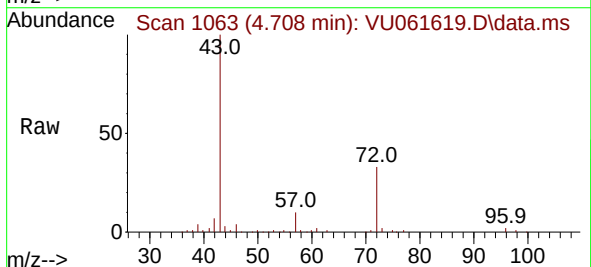


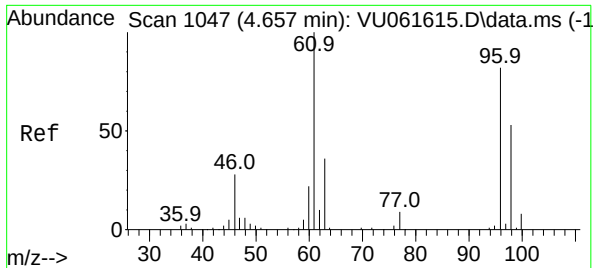
Tgt Ion: 63 Resp: 124312
Ion Ratio Lower Upper
63 100
65 31.8 23.4 43.4
83 13.9 9.6 17.8



#21
2-Butanone
Concen: 51.086 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VU061619.D
Acq: 13 Nov 2024 11:41

Tgt Ion: 43 Resp: 142426
Ion Ratio Lower Upper
43 100
72 31.8 15.8 47.3

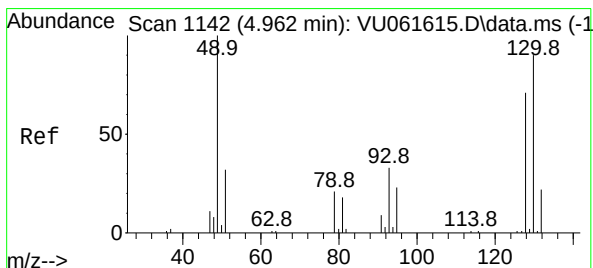
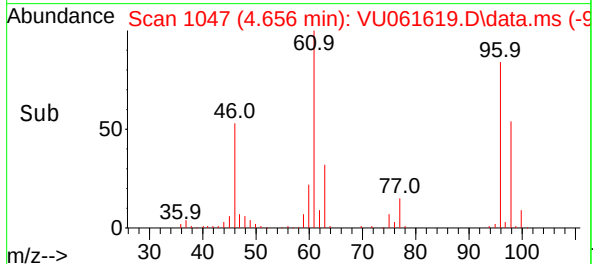
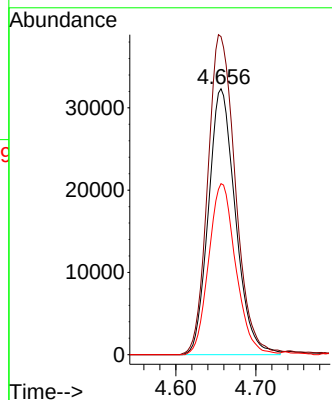
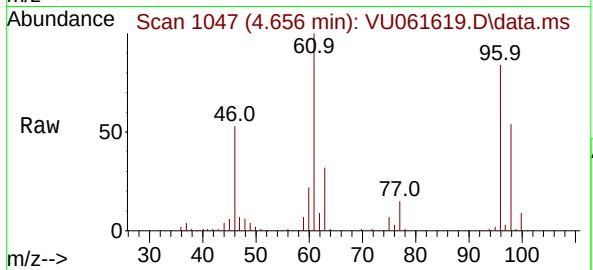




#22
cis-1,2-Dichloroethene
Concen: 5.140 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU061619.D
Acq: 13 Nov 2024 11:41

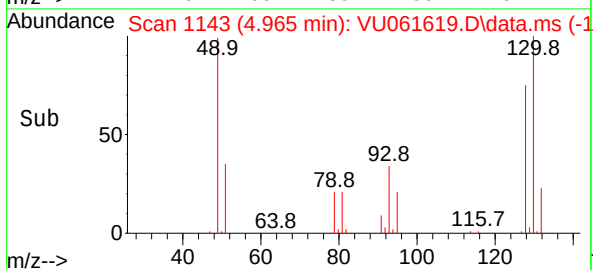
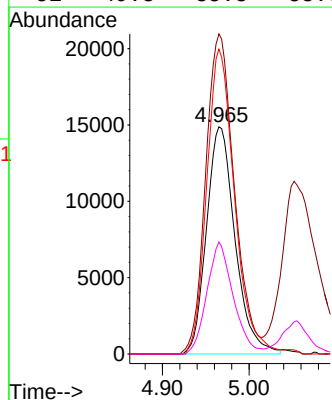
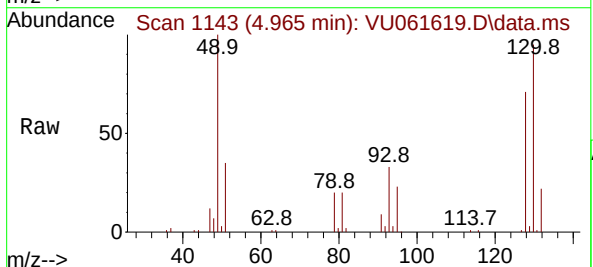
Instrument :
MSVOA_U
ClientSampleId :

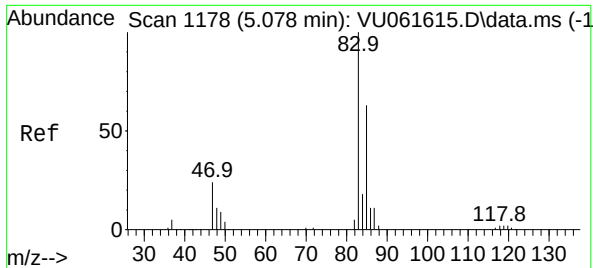
Tgt Ion: 96 Resp: 75837
Ion Ratio Lower Upper
96 100
61 119.6 85.6 159.0
98 64.3 45.6 84.8



#23
Bromochloromethane
Concen: 5.191 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. 0.003 min
Lab File: VU061619.D
Acq: 13 Nov 2024 11:41

Tgt Ion:128 Resp: 34014
Ion Ratio Lower Upper
128 100
49 140.9 99.1 184.1
130 134.1 88.6 164.6
51 49.3 35.8 53.6





#25

Chloroform

Concen: 5.206 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU061619.D

Acq: 13 Nov 2024 11:41

Instrument :

MSVOA_U

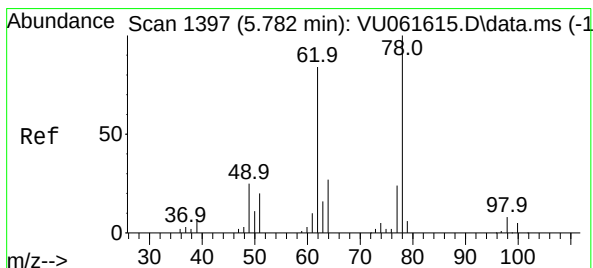
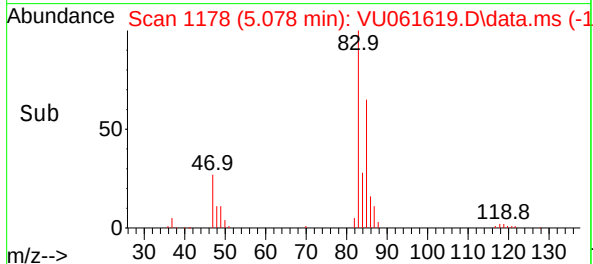
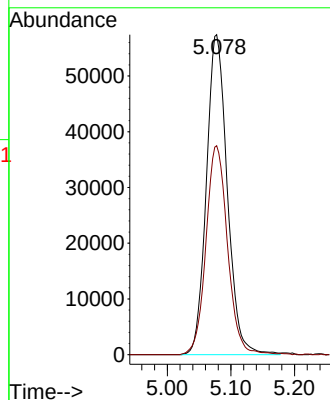
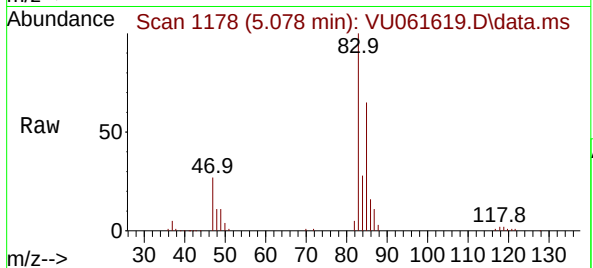
ClientSampleId :

Tgt Ion: 83 Resp: 130867

Ion Ratio Lower Upper

83 100

85 65.3 44.1 81.9



#27

1,2-Dichloroethane

Concen: 5.164 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.003 min

Lab File: VU061619.D

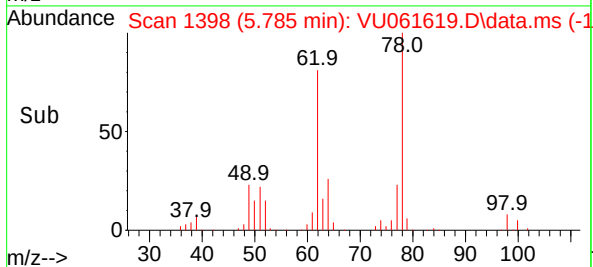
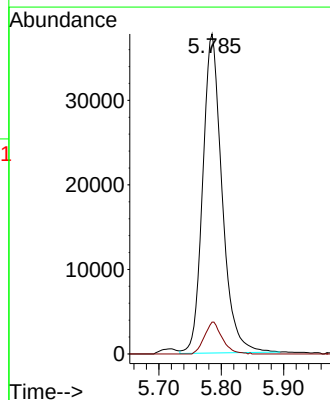
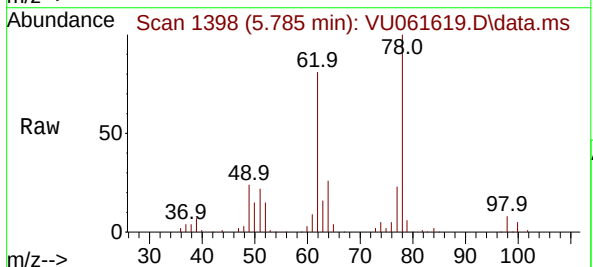
Acq: 13 Nov 2024 11:41

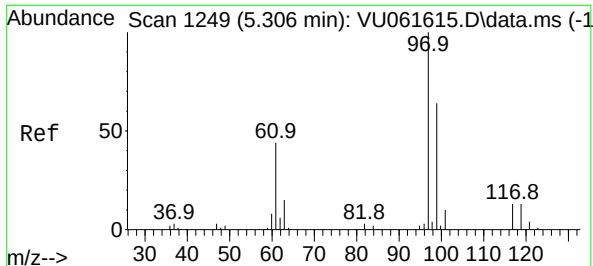
Tgt Ion: 62 Resp: 81461

Ion Ratio Lower Upper

62 100

98 9.9 7.7 11.5

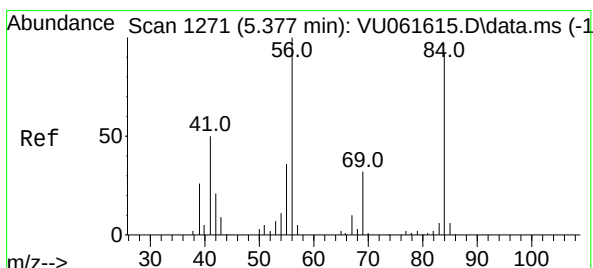
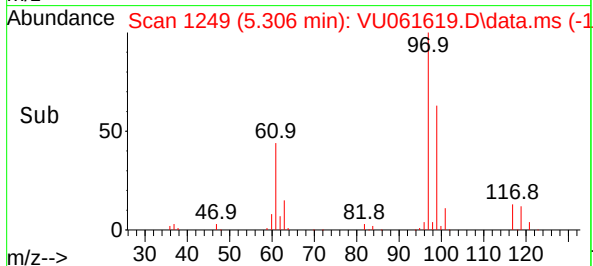
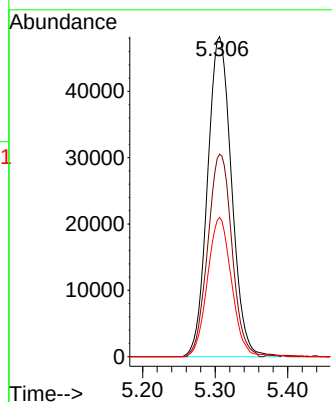
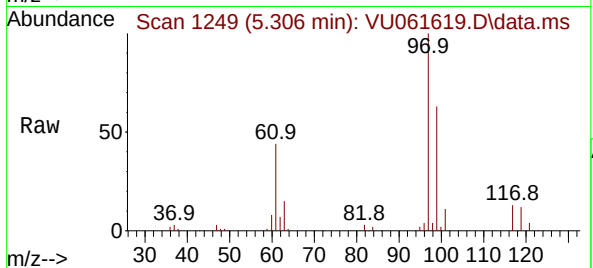




#29
1,1,1-Trichloroethane
Concen: 5.233 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061619.D
Acq: 13 Nov 2024 11:41

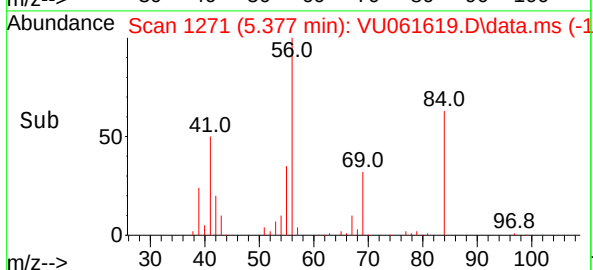
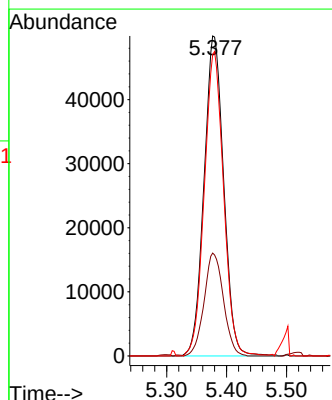
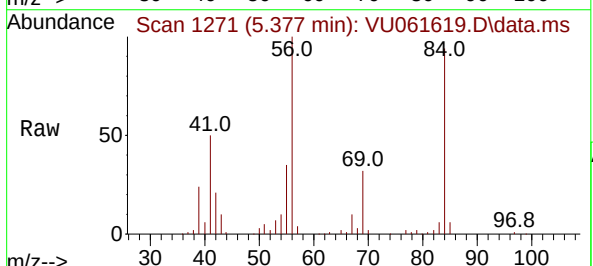
Instrument :
MSVOA_U
ClientSampleId :

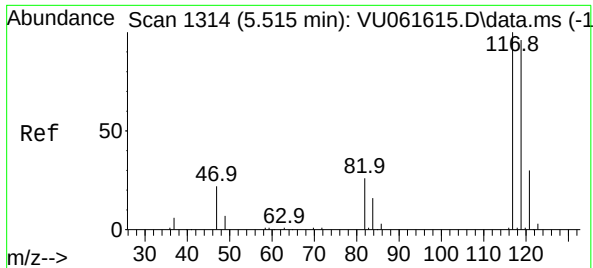
Tgt Ion: 97 Resp: 111062
Ion Ratio Lower Upper
97 100
99 63.5 51.7 77.5
61 43.8 35.4 53.0



#30
Cyclohexane
Concen: 5.370 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU061619.D
Acq: 13 Nov 2024 11:41

Tgt Ion: 56 Resp: 113850
Ion Ratio Lower Upper
56 100
69 31.7 25.6 38.4
84 93.4 74.3 111.5

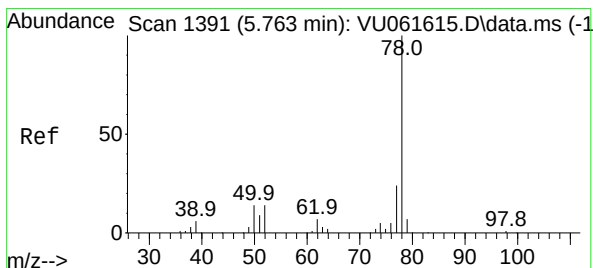
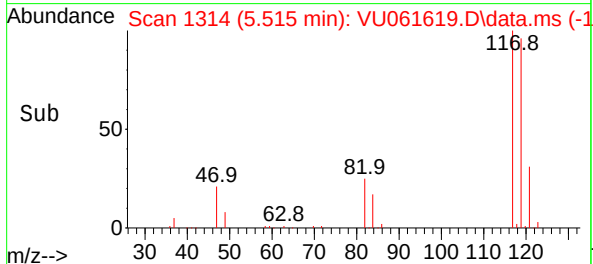
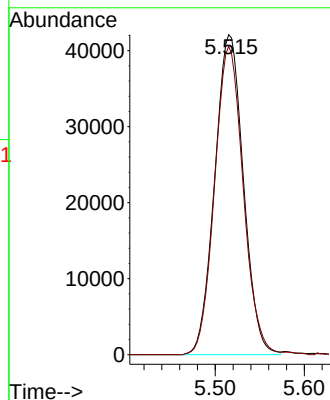
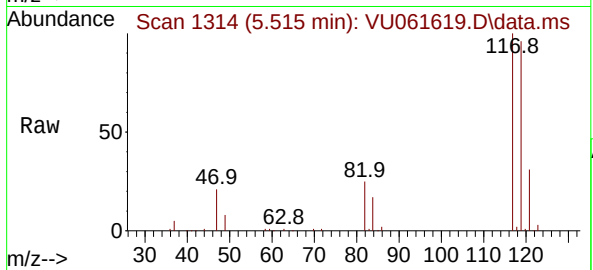




#31
Carbon tetrachloride
Concen: 5.210 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061619.D
Acq: 13 Nov 2024 11:41

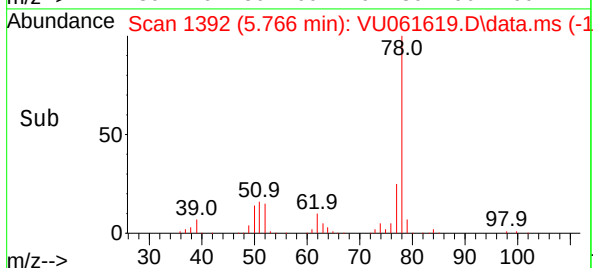
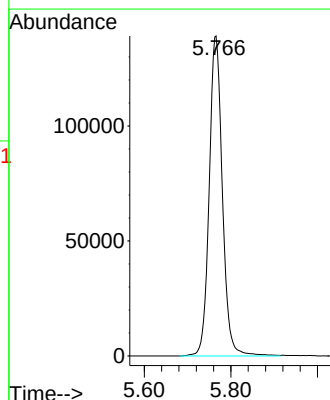
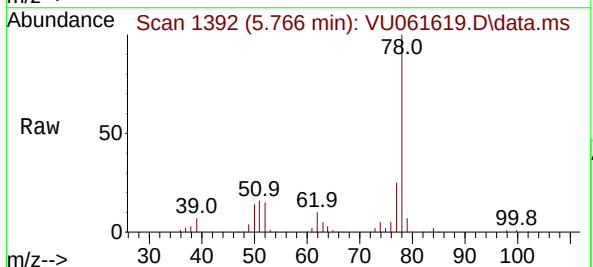
Instrument :
MSVOA_U
ClientSampleId :

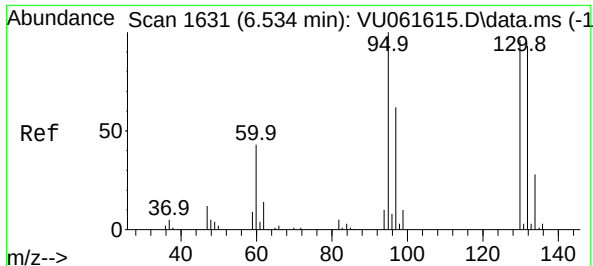
Tgt Ion:117 Resp: 94187
Ion Ratio Lower Upper
117 100
119 95.9 76.6 114.8



#33
Benzene
Concen: 5.213 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU061619.D
Acq: 13 Nov 2024 11:41

Tgt Ion: 78 Resp: 294244





#34

Trichloroethene

Concen: 5.157 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU061619.D

Acq: 13 Nov 2024 11:41

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 78598

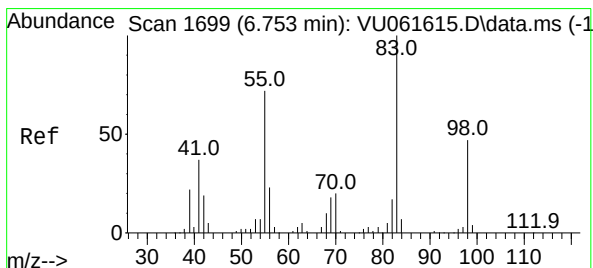
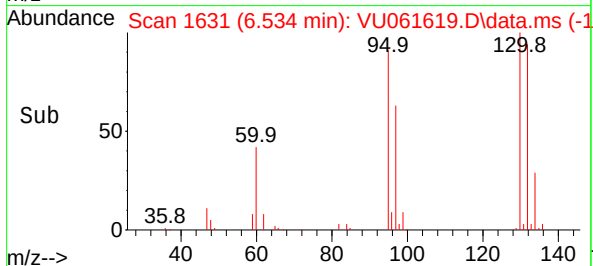
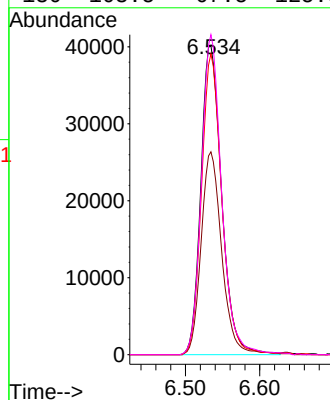
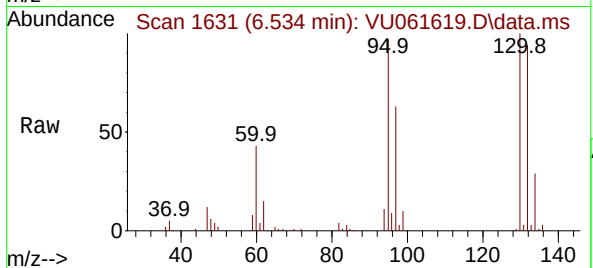
Ion Ratio Lower Upper

95 100

97 65.6 43.5 80.9

132 97.3 65.2 121.0

130 103.5 67.5 125.3



#35

Methylcyclohexane

Concen: 5.392 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU061619.D

Acq: 13 Nov 2024 11:41

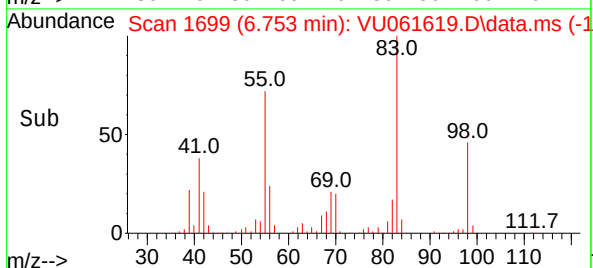
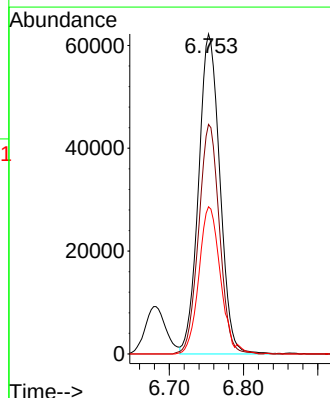
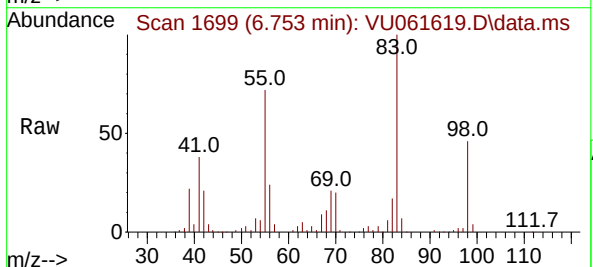
Tgt Ion: 83 Resp: 123949

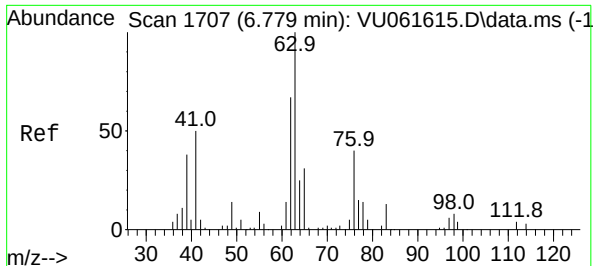
Ion Ratio Lower Upper

83 100

55 70.1 56.4 84.6

98 46.6 37.7 56.5

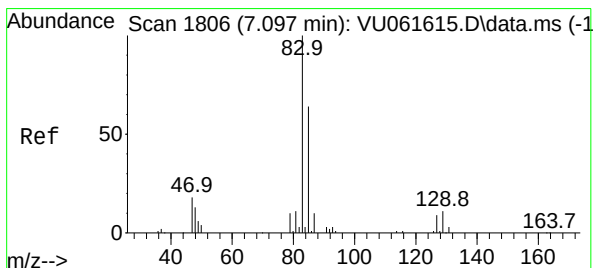
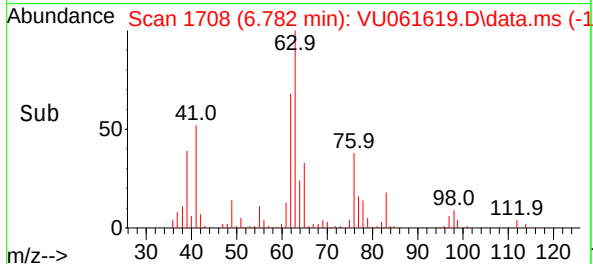
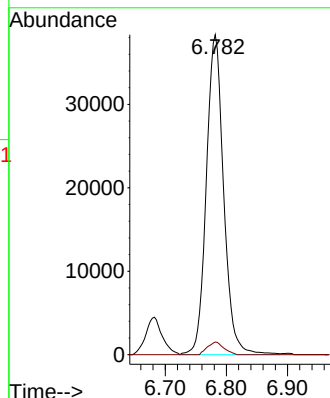
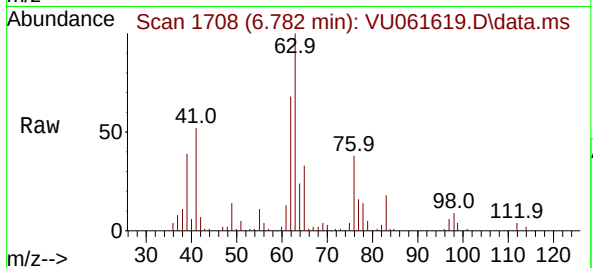




#37
1,2-Dichloropropane
Concen: 5.275 ug/L
RT: 6.782 min Scan# 1707
Delta R.T. 0.003 min
Lab File: VU061619.D
Acq: 13 Nov 2024 11:41

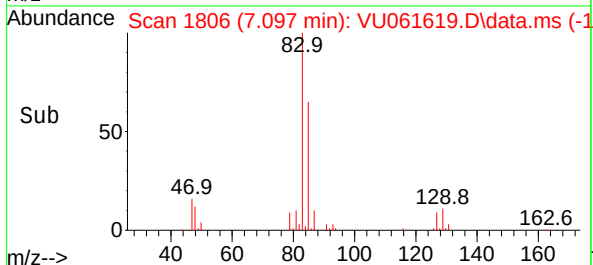
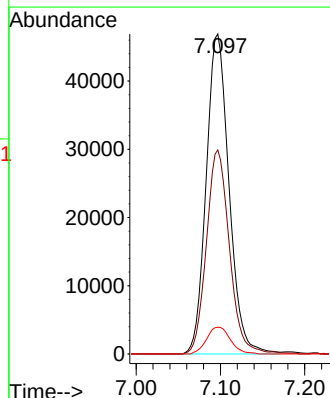
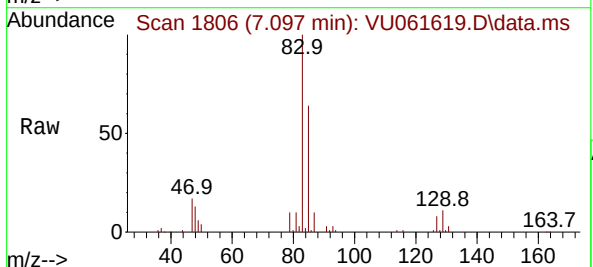
Instrument :
MSVOA_U
ClientSampleId :

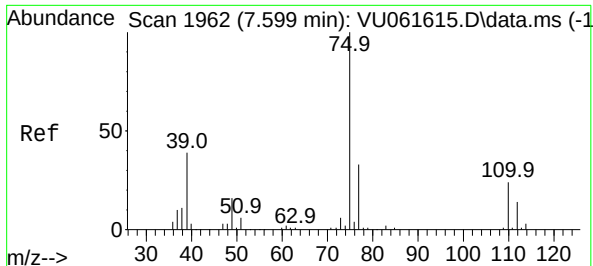
Tgt Ion: 63 Resp: 75540
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.4



#38
Bromodichloromethane
Concen: 5.146 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061619.D
Acq: 13 Nov 2024 11:41

Tgt Ion: 83 Resp: 88422
Ion Ratio Lower Upper
83 100
85 63.8 45.0 83.6
127 8.4 6.9 10.3

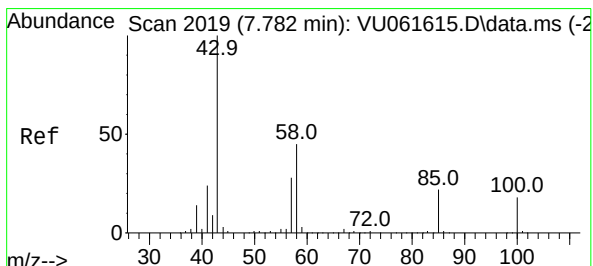
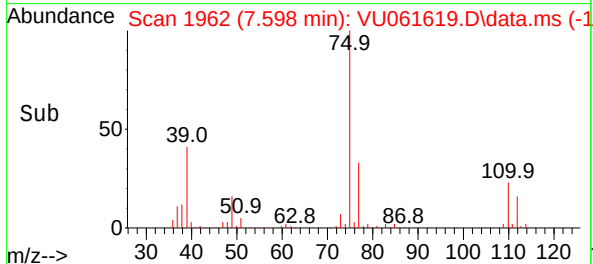
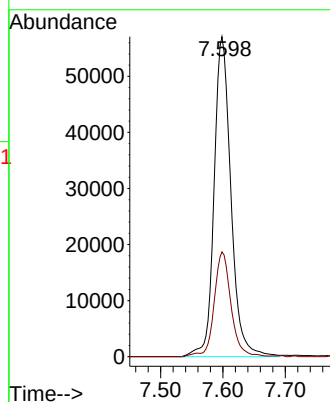
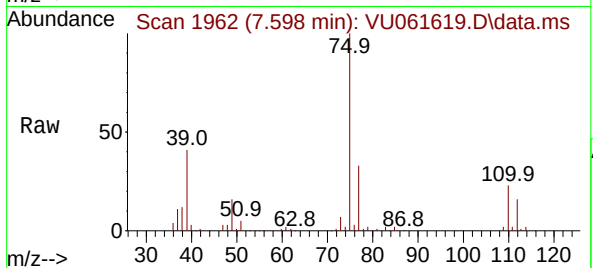




#39
 cis-1,3-Dichloropropene
 Concen: 5.257 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU061619.D
 Acq: 13 Nov 2024 11:41

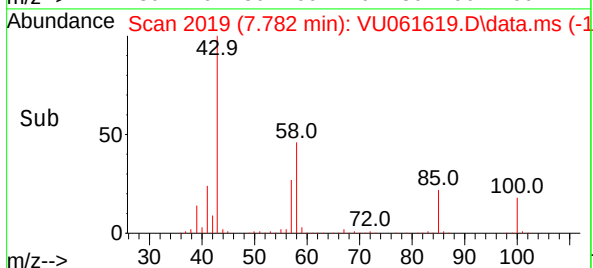
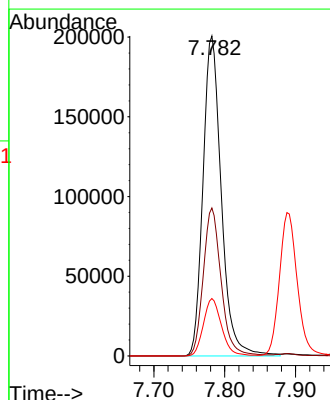
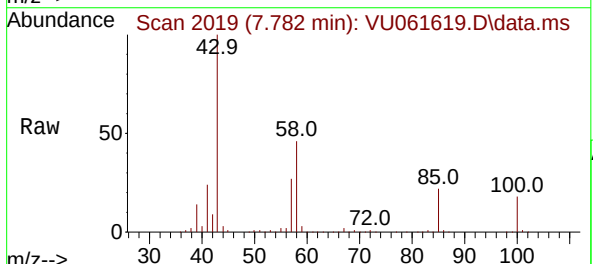
Instrument :
 MSVOA_U
 ClientSampleId :

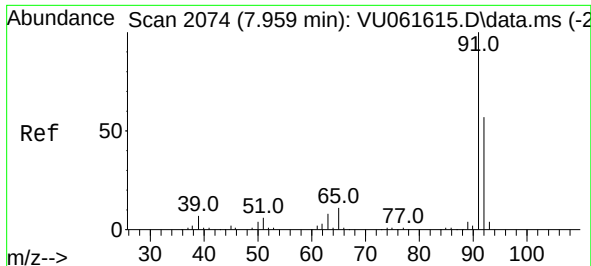
Tgt Ion: 75 Resp: 107153
 Ion Ratio Lower Upper
 75 100
 77 32.7 22.9 42.5



#40
 4-Methyl-2-pentanone
 Concen: 52.485 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU061619.D
 Acq: 13 Nov 2024 11:41

Tgt Ion: 43 Resp: 360394
 Ion Ratio Lower Upper
 43 100
 58 45.2 35.7 53.5
 100 17.8 14.2 21.2





#42

Toluene

Concen: 5.286 ug/L

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU061619.D

Acq: 13 Nov 2024 11:41

Instrument :

MSVOA_U

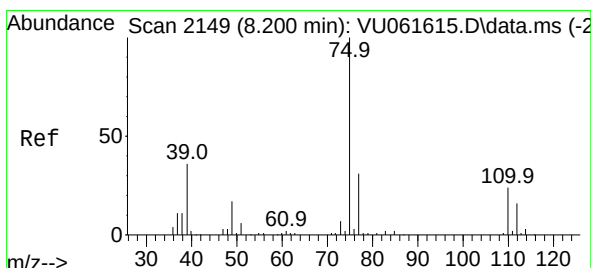
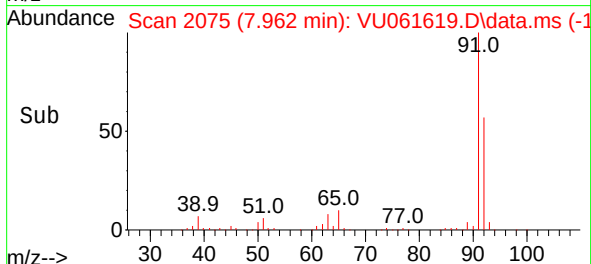
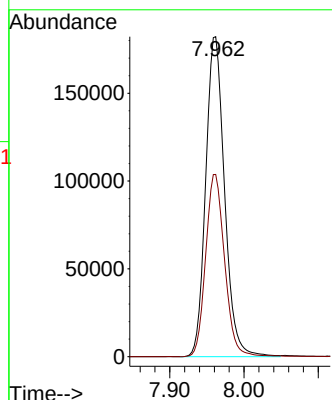
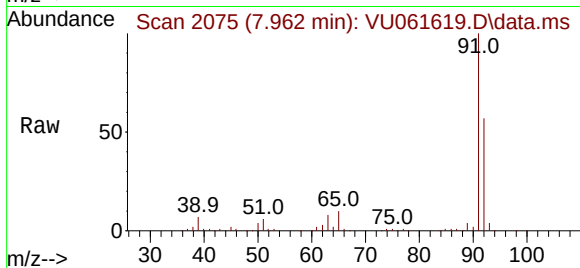
ClientSampleId :

Tgt Ion: 91 Resp: 321292

Ion Ratio Lower Upper

91 100

92 56.9 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.268 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.003 min

Lab File: VU061619.D

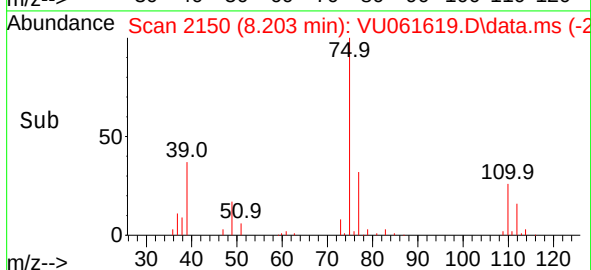
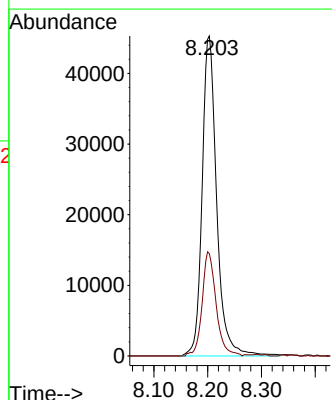
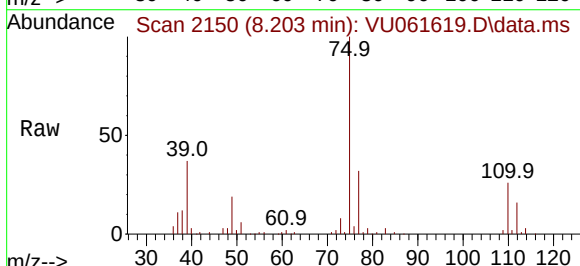
Acq: 13 Nov 2024 11:41

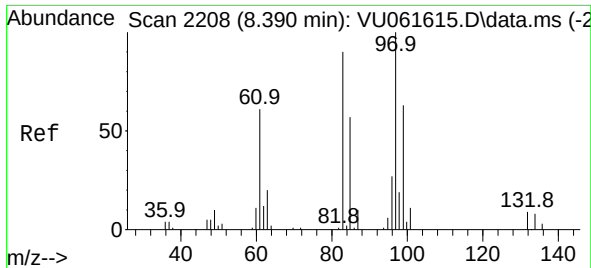
Tgt Ion: 75 Resp: 85165

Ion Ratio Lower Upper

75 100

77 32.0 21.7 40.3

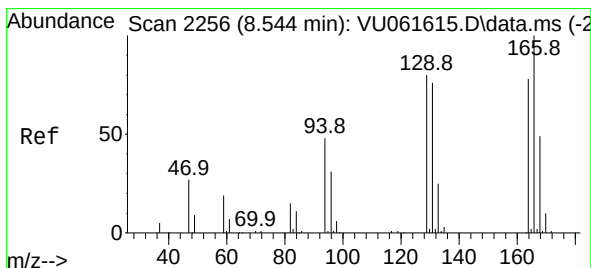
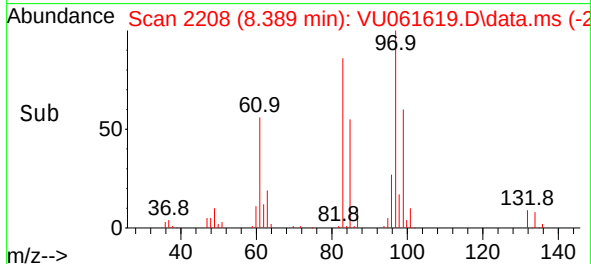
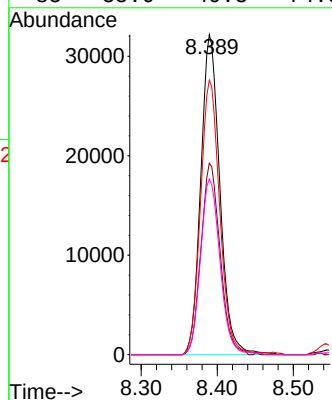
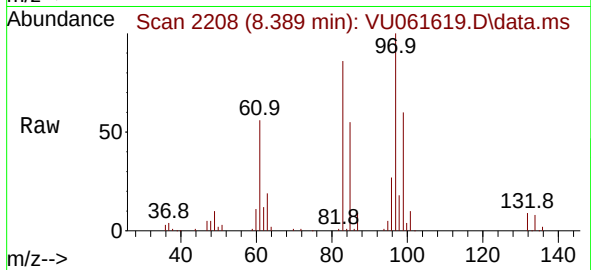




#45
1,1,2-Trichloroethane
Concen: 5.363 ug/L
RT: 8.389 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VU061619.D
Acq: 13 Nov 2024 11:41

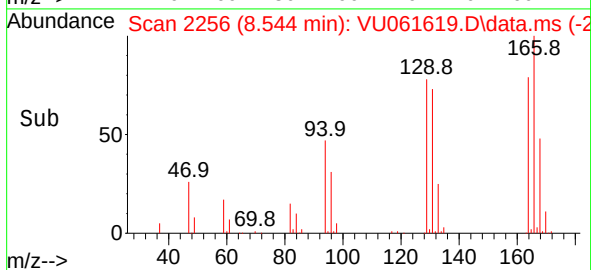
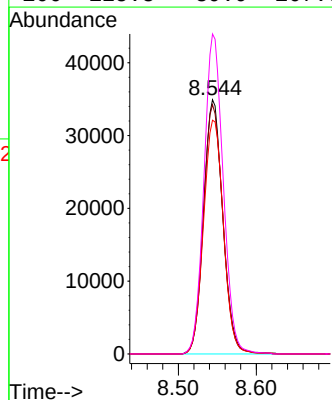
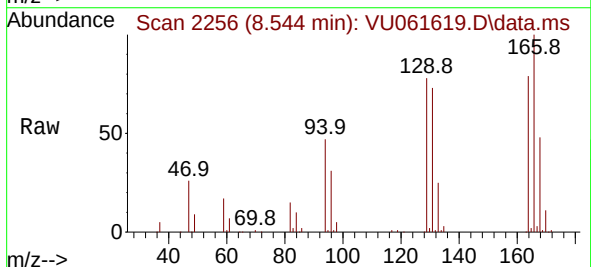
Instrument :
MSVOA_U
ClientSampleId :

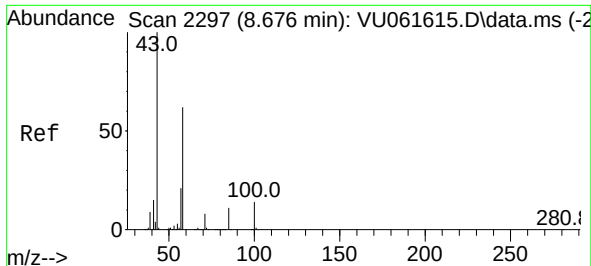
Tgt Ion:	97	Resp:	55992
Ion	Ratio	Lower	Upper
97	100		
99	59.8	43.8	81.3
83	85.8	63.2	117.4
85	55.0	40.3	74.8



#47
Tetrachloroethene
Concen: 5.238 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU061619.D
Acq: 13 Nov 2024 11:41

Tgt Ion:	164	Resp:	59990
Ion	Ratio	Lower	Upper
164	100		
129	98.0	71.7	133.3
131	91.9	68.2	126.6
166	125.8	89.9	167.0





#48

2-Hexanone

Concen: 53.040 ug/L

RT: 8.676 min Scan# 2297

Delta R.T. -0.000 min

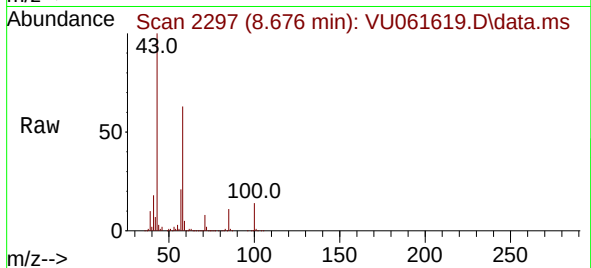
Lab File: VU061619.D

Acq: 13 Nov 2024 11:41

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 260413

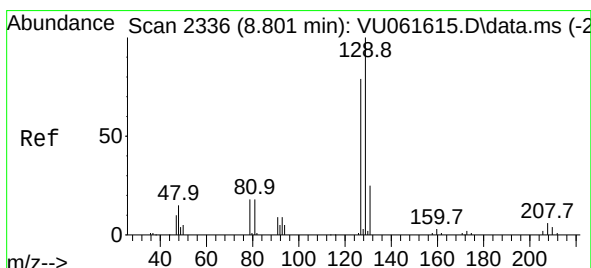
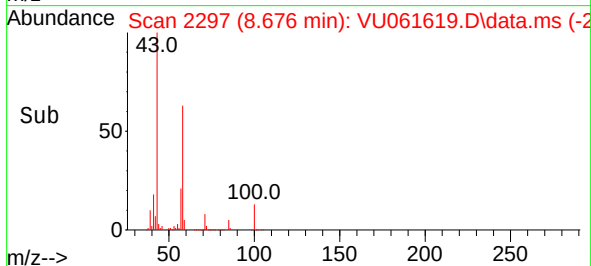
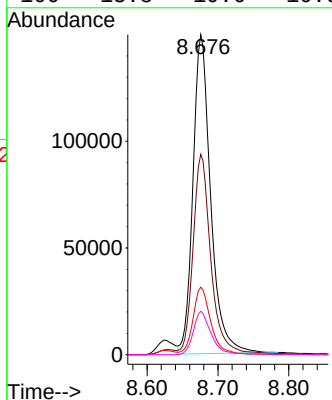
Ion Ratio Lower Upper

43 100

58 63.1 49.4 74.2

57 20.8 16.3 24.5

100 13.8 10.6 16.0



#49

Dibromochloromethane

Concen: 5.129 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU061619.D

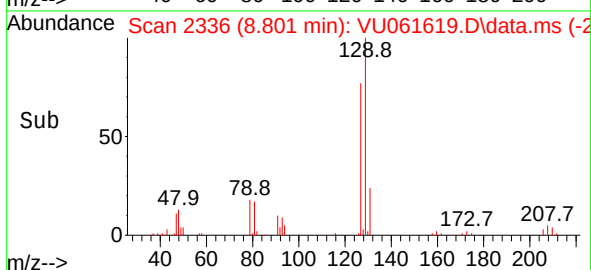
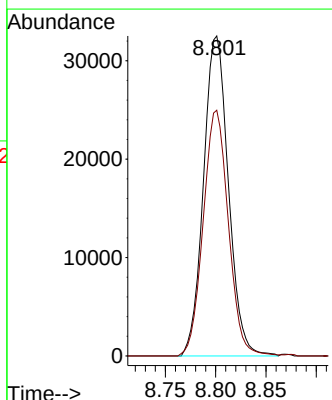
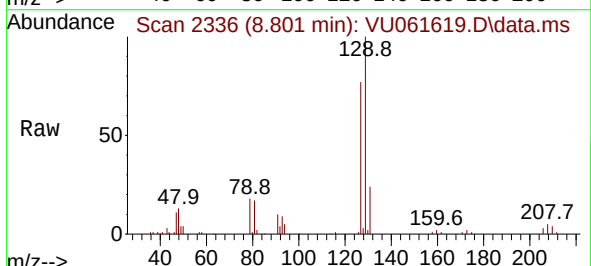
Acq: 13 Nov 2024 11:41

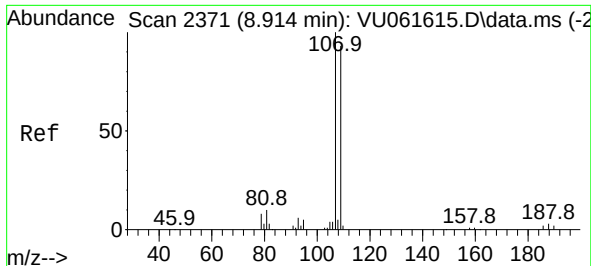
Tgt Ion: 129 Resp: 56146

Ion Ratio Lower Upper

129 100

127 76.8 55.1 102.3





#50

1,2-Dibromoethane

Concen: 5.322 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. 0.003 min

Lab File: VU061619.D

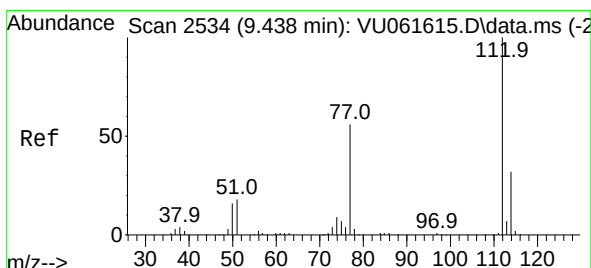
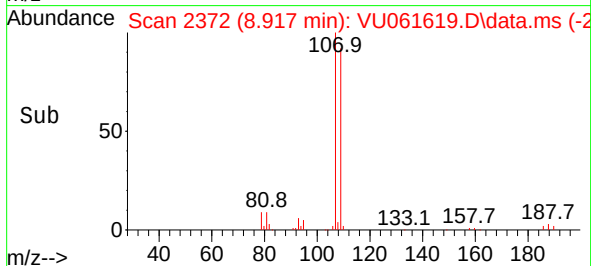
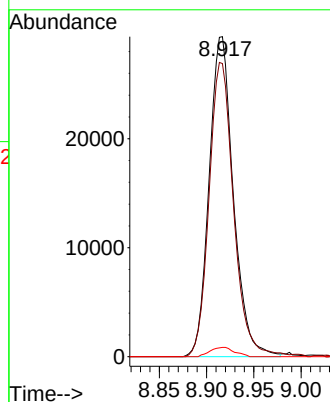
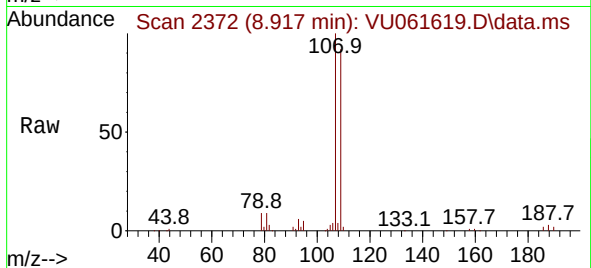
Acq: 13 Nov 2024 11:41

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	52406
Ion	Ratio	Lower	Upper
107	100		
109	91.6	64.8	120.4
188	2.9	2.5	3.7



#51

Chlorobenzene

Concen: 5.234 ug/L

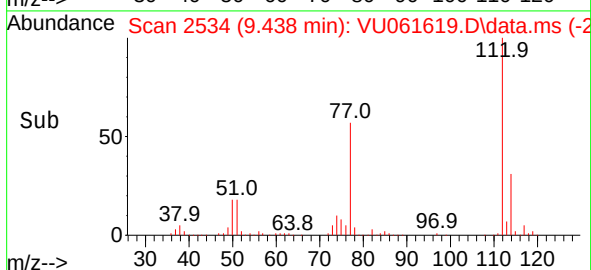
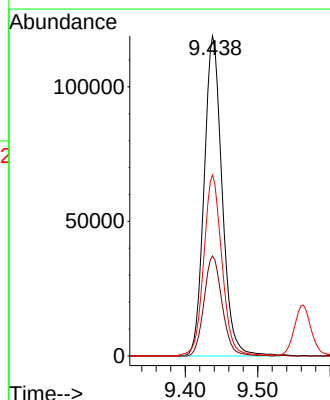
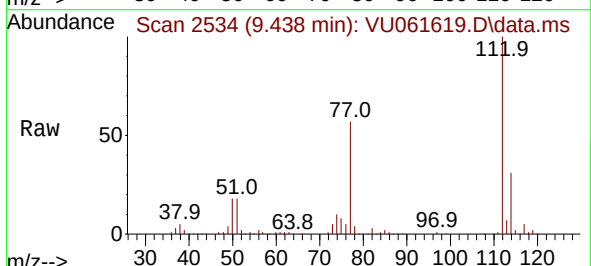
RT: 9.438 min Scan# 2534

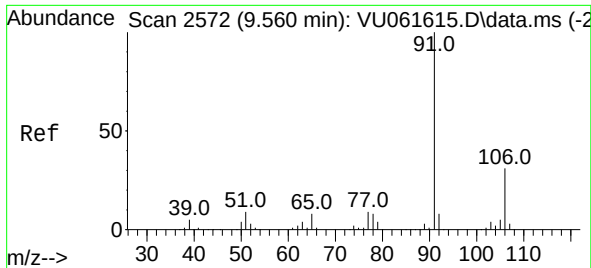
Delta R.T. -0.000 min

Lab File: VU061619.D

Acq: 13 Nov 2024 11:41

Tgt Ion:	112	Resp:	204761
Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.5	41.9
77	56.6	45.3	67.9

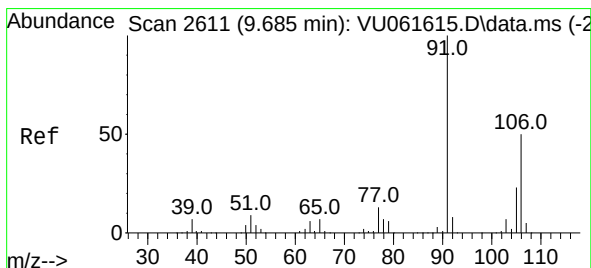
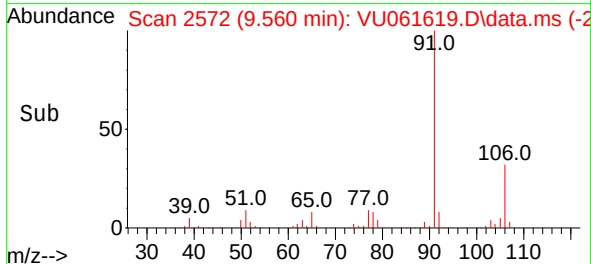
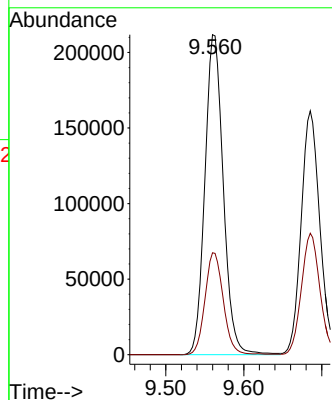
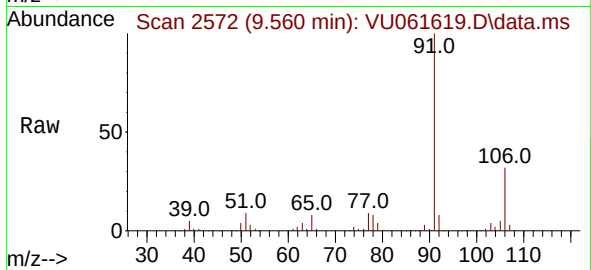




#52
Ethylbenzene
Concen: 5.371 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. -0.000 min
Lab File: VU061619.D
Acq: 13 Nov 2024 11:41

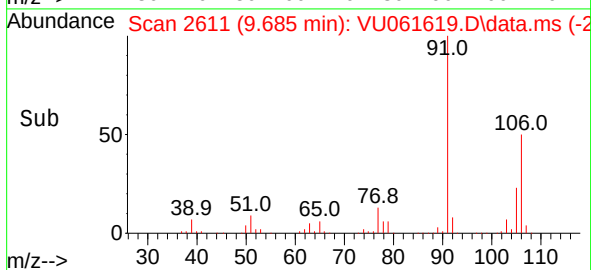
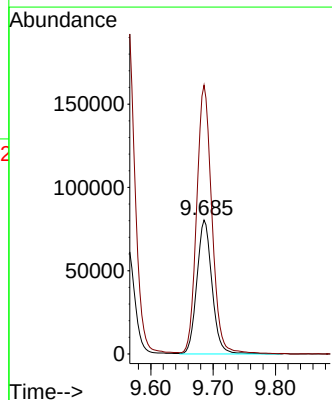
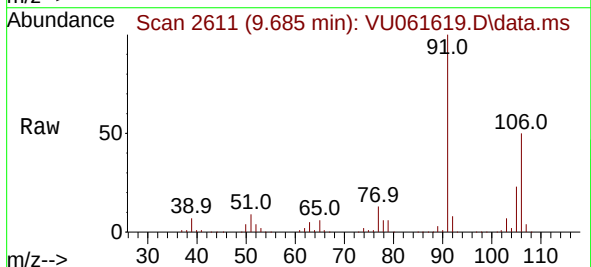
Instrument :
MSVOA_U
ClientSampleId :

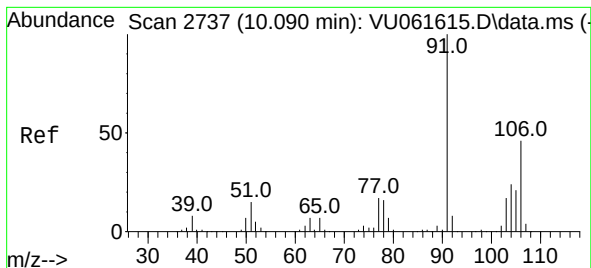
Tgt Ion: 91 Resp: 347737
Ion Ratio Lower Upper
91 100
106 31.9 21.7 40.3



#53
m,p-Xylene
Concen: 5.458 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU061619.D
Acq: 13 Nov 2024 11:41

Tgt Ion:106 Resp: 135211
Ion Ratio Lower Upper
106 100
91 200.8 140.4 260.8





#54

o-Xylene

Concen: 5.304 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. -0.000 min

Lab File: VU061619.D

Acq: 13 Nov 2024 11:41

Instrument :

MSVOA_U

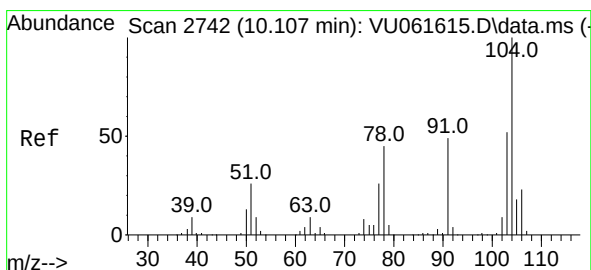
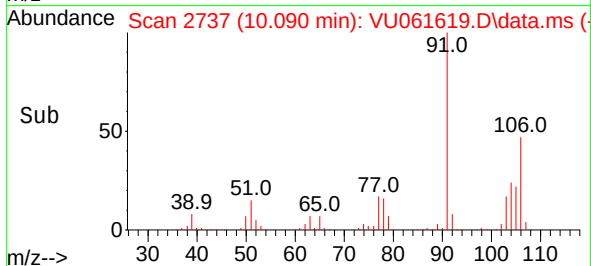
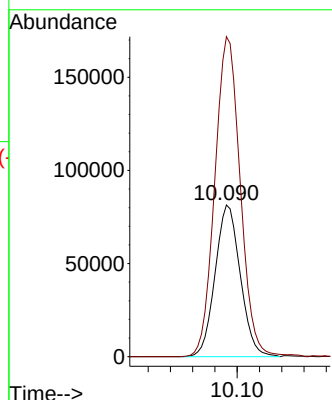
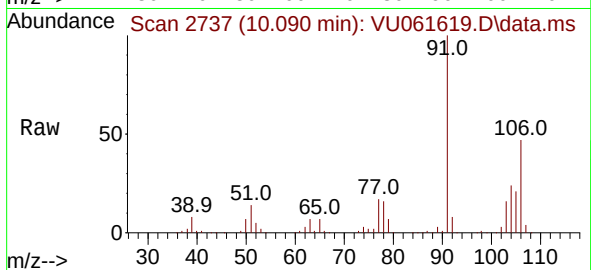
ClientSampleId :

Tgt Ion:106 Resp: 127715

Ion Ratio Lower Upper

106 100

91 210.9 151.3 280.9



#55

Styrene

Concen: 5.487 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU061619.D

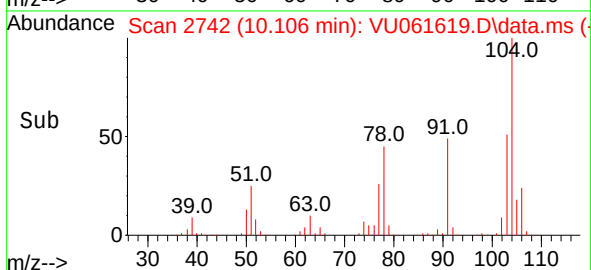
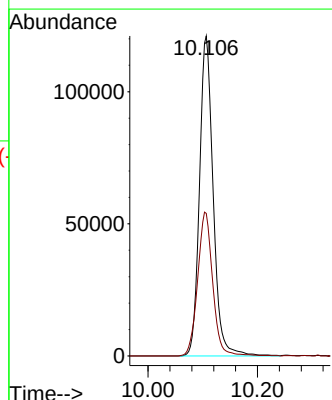
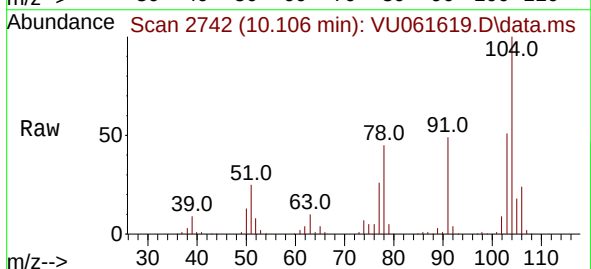
Acq: 13 Nov 2024 11:41

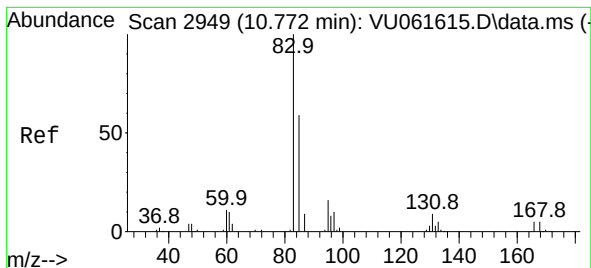
Tgt Ion:104 Resp: 210359

Ion Ratio Lower Upper

104 100

78 44.6 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.234 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU061619.D

Acq: 13 Nov 2024 11:41

Instrument :

MSVOA_U

ClientSampleId :

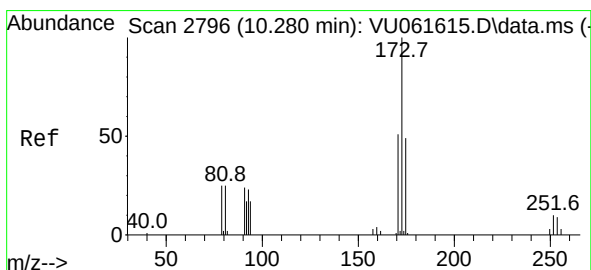
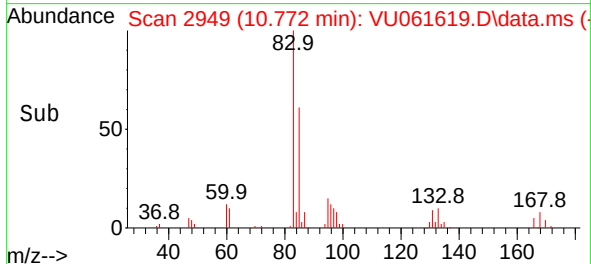
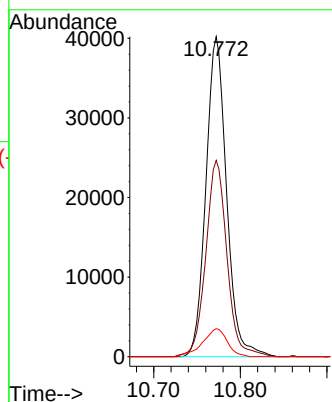
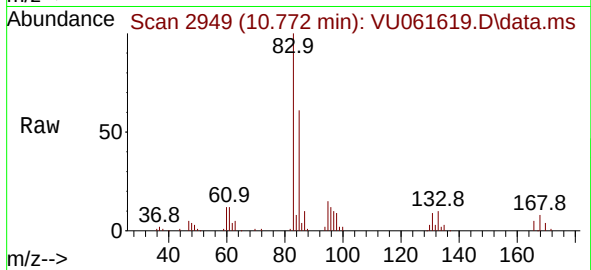
Tgt Ion: 83 Resp: 66494

Ion Ratio Lower Upper

83 100

85 61.4 41.9 77.9

131 8.7 7.8 11.6



#59

Bromoform

Concen: 5.058 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. -0.000 min

Lab File: VU061619.D

Acq: 13 Nov 2024 11:41

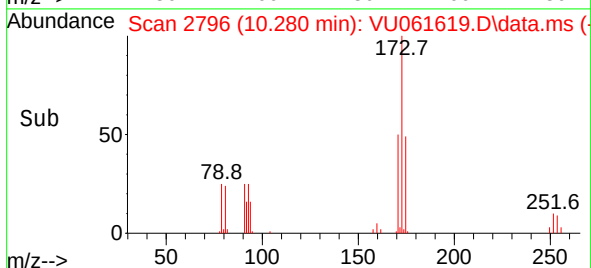
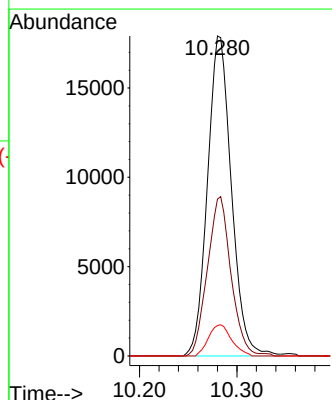
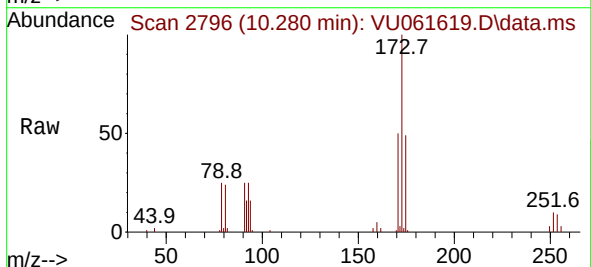
Tgt Ion:173 Resp: 30546

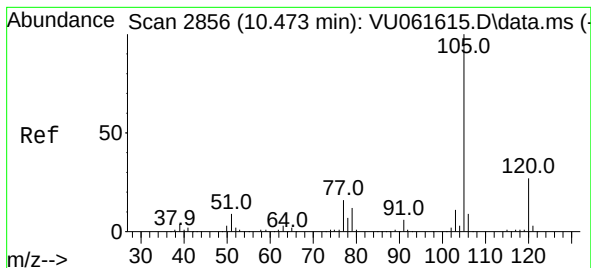
Ion Ratio Lower Upper

173 100

175 49.1 39.3 58.9

254 9.4 7.8 11.8





#60

Isopropylbenzene

Concen: 5.434 ug/L

RT: 10.476 min Scan# 2856

Delta R.T. 0.003 min

Lab File: VU061619.D

Acq: 13 Nov 2024 11:41

Instrument :

MSVOA_U

ClientSampleId :

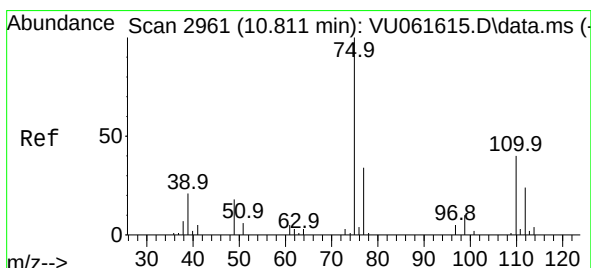
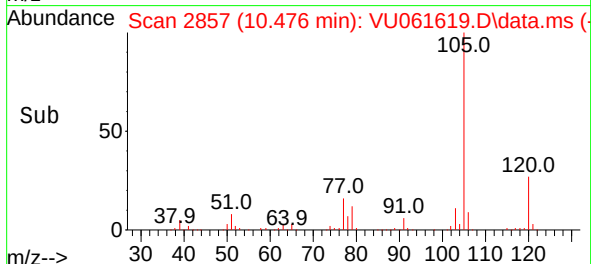
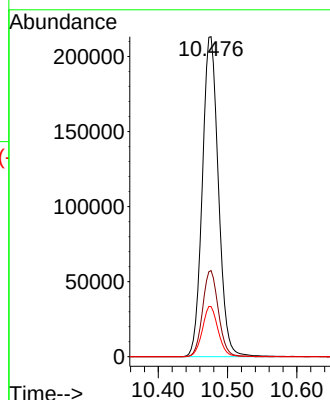
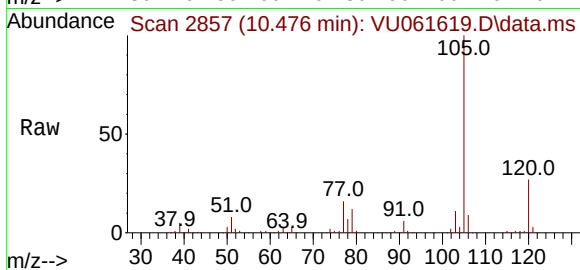
Tgt Ion:105 Resp: 343801

Ion Ratio Lower Upper

105 100

120 26.5 21.6 32.4

77 15.4 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.166 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.003 min

Lab File: VU061619.D

Acq: 13 Nov 2024 11:41

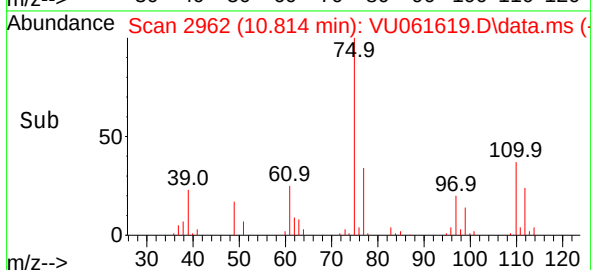
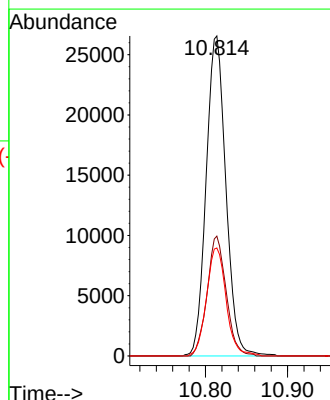
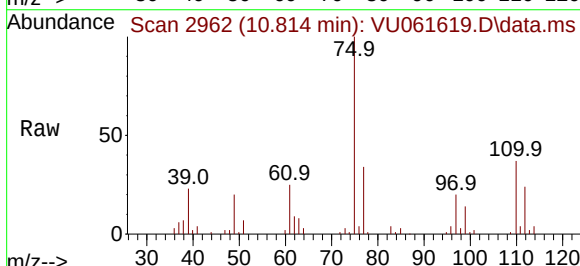
Tgt Ion: 75 Resp: 44405

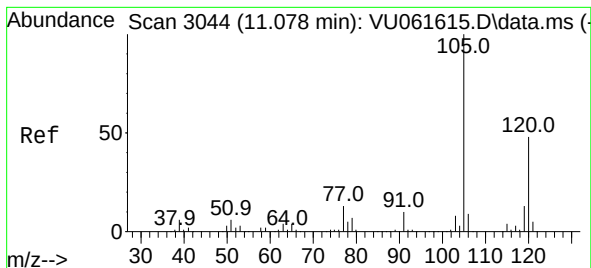
Ion Ratio Lower Upper

75 100

110 36.0 31.3 46.9

77 33.7 26.0 39.0

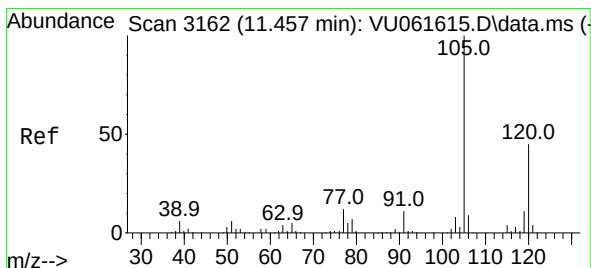
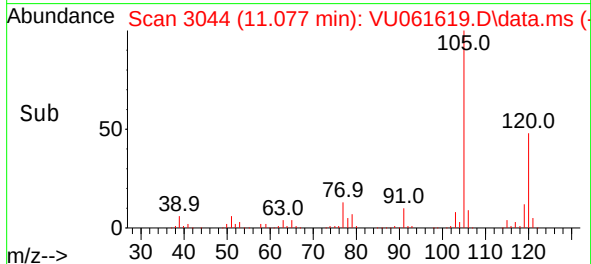
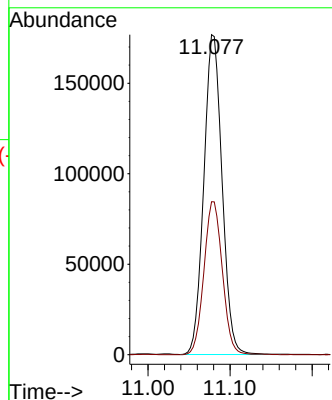
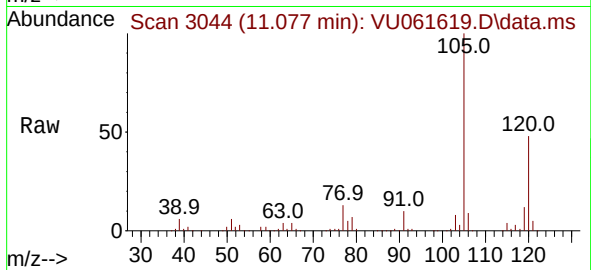




#62
1,3,5-Trimethylbenzene
Concen: 5.388 ug/L
RT: 11.077 min Scan# 3044
Delta R.T. -0.000 min
Lab File: VU061619.D
Acq: 13 Nov 2024 11:41

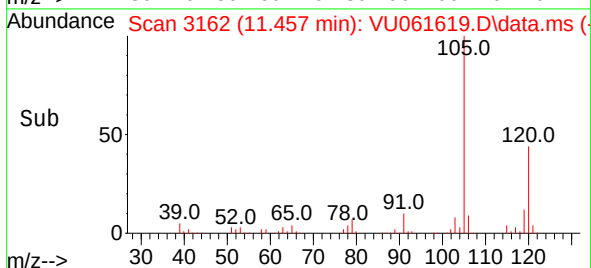
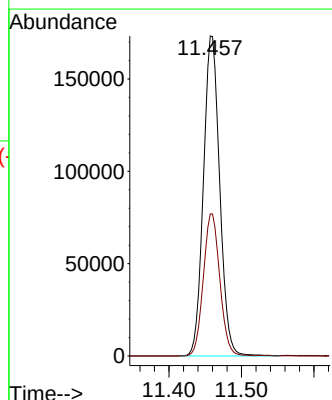
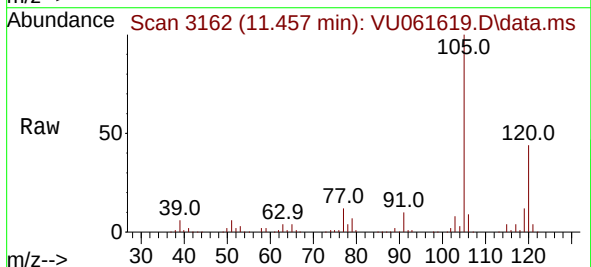
Instrument :
MSVOA_U
ClientSampleId :

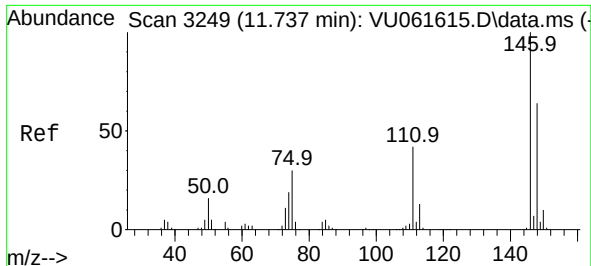
Tgt Ion:105 Resp: 272943
Ion Ratio Lower Upper
105 100
120 48.2 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 5.493 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VU061619.D
Acq: 13 Nov 2024 11:41

Tgt Ion:105 Resp: 270856
Ion Ratio Lower Upper
105 100
120 44.9 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 5.344 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. -0.000 min

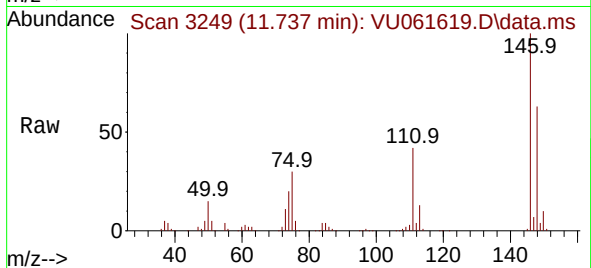
Lab File: VU061619.D

Acq: 13 Nov 2024 11:41

Instrument :

MSVOA_U

ClientSampleId :



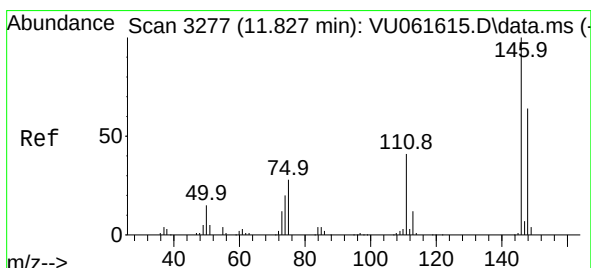
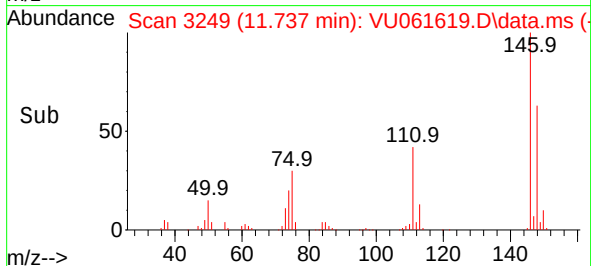
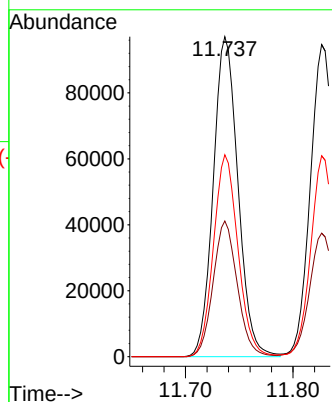
Tgt Ion:146 Resp: 155056

Ion Ratio Lower Upper

146 100

111 42.4 29.3 54.3

148 63.1 44.5 82.7



#65

1,4-Dichlorobenzene

Concen: 5.205 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU061619.D

Acq: 13 Nov 2024 11:41

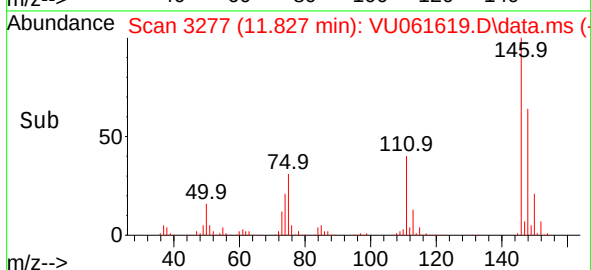
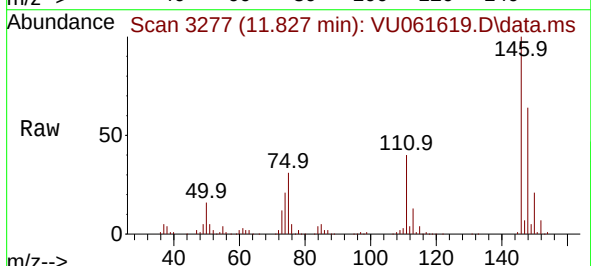
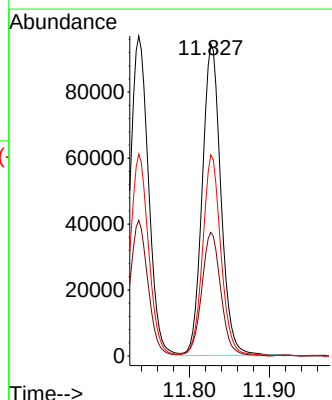
Tgt Ion:146 Resp: 153353

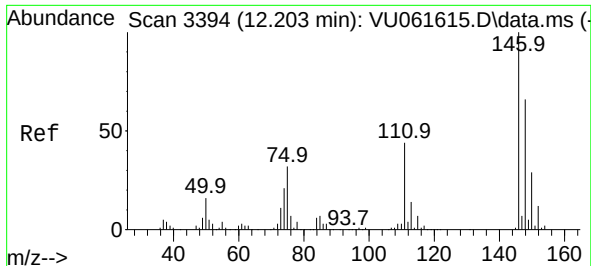
Ion Ratio Lower Upper

146 100

111 39.6 28.8 53.4

148 64.4 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.298 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU061619.D

Acq: 13 Nov 2024 11:41

Instrument :

MSVOA_U

ClientSampleId :

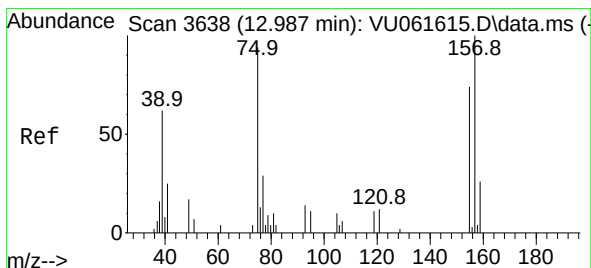
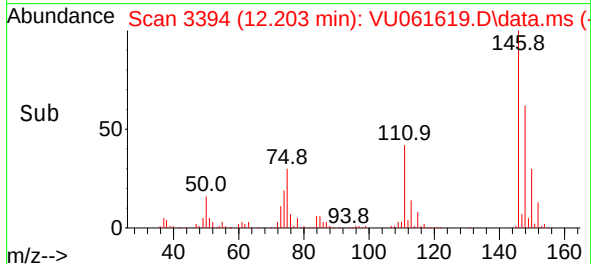
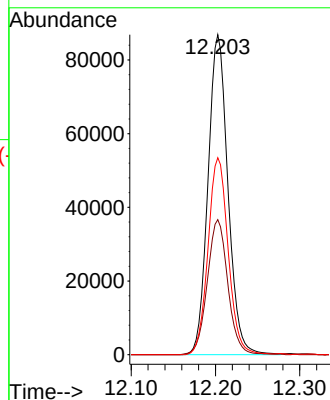
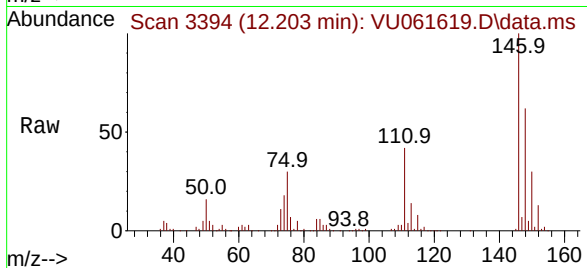
Tgt Ion:146 Resp: 142976

Ion Ratio Lower Upper

146 100

111 42.2 35.2 52.8

148 61.6 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.110 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU061619.D

Acq: 13 Nov 2024 11:41

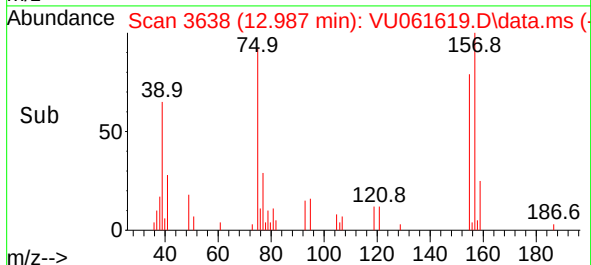
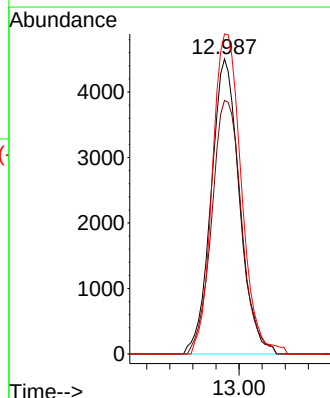
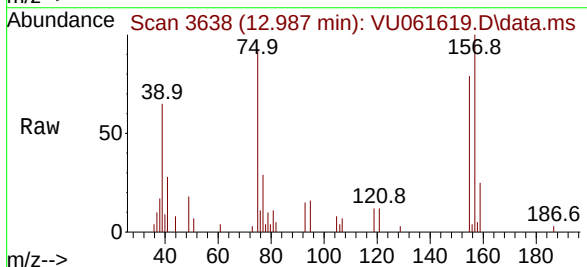
Tgt Ion: 75 Resp: 7669

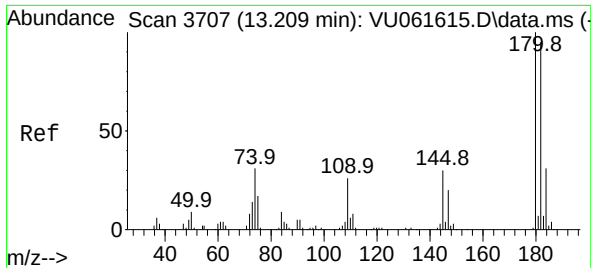
Ion Ratio Lower Upper

75 100

155 86.0 62.6 93.8

157 108.5 84.9 127.3





#69

1,3,5-Trichlorobenzene

Concen: 5.424 ug/L

RT: 13.209 min Scan# 3707

Delta R.T. -0.000 min

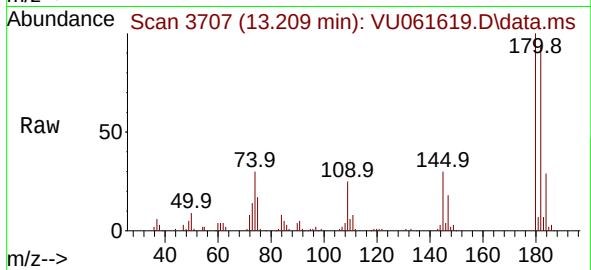
Lab File: VU061619.D

Acq: 13 Nov 2024 11:41

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 109886

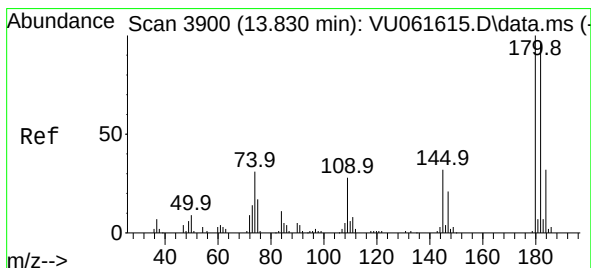
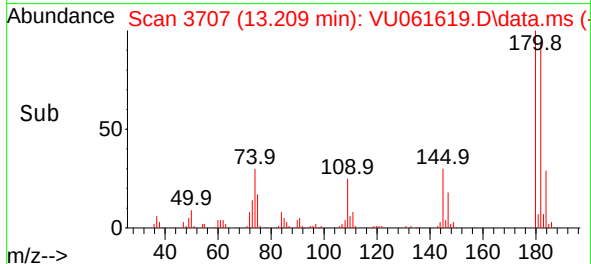
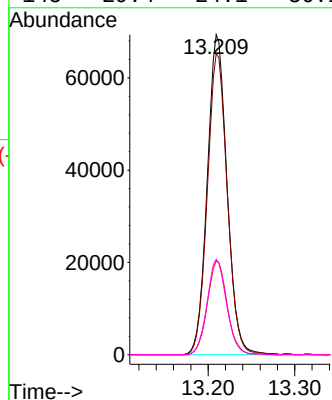
Ion Ratio Lower Upper

180 100

182 94.6 77.1 115.7

184 29.4 24.7 37.1

145 29.4 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 5.648 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.000 min

Lab File: VU061619.D

Acq: 13 Nov 2024 11:41

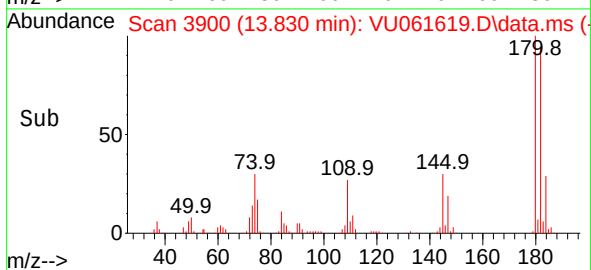
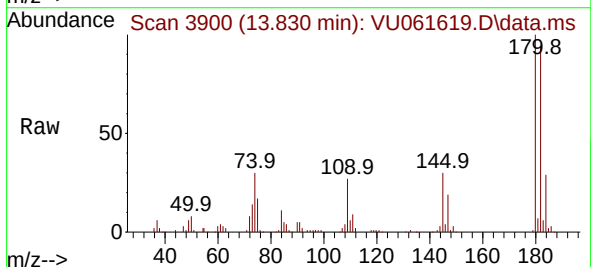
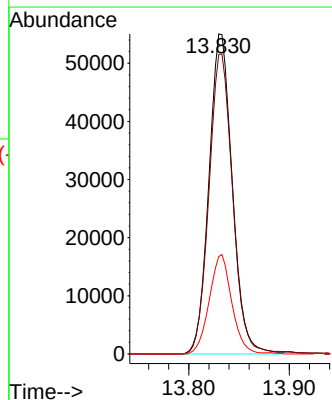
Tgt Ion:180 Resp: 88685

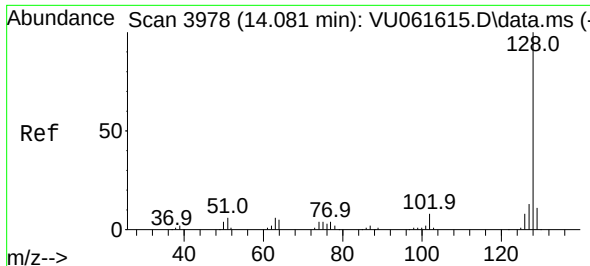
Ion Ratio Lower Upper

180 100

182 95.6 77.4 116.0

145 29.9 24.5 36.7

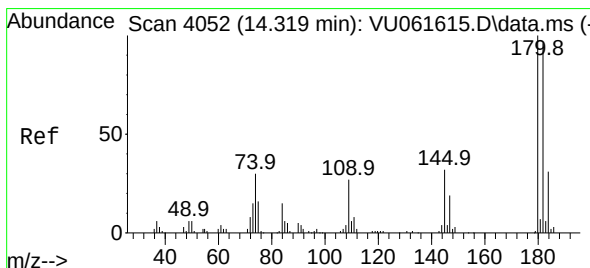
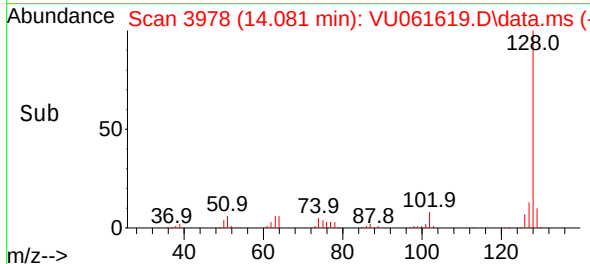
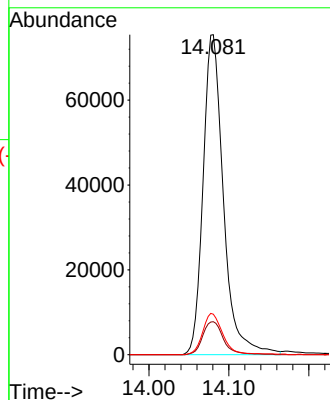
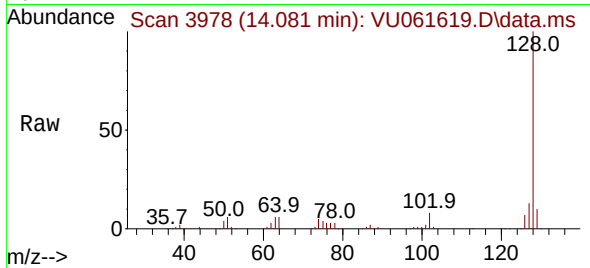




#71
Naphthalene
Concen: 5.937 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU061619.D
Acq: 13 Nov 2024 11:41

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 133839
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 12.6 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.825 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.003 min
Lab File: VU061619.D
Acq: 13 Nov 2024 11:41

Tgt Ion:180 Resp: 76781
Ion Ratio Lower Upper
180 100
182 94.3 76.6 114.8
145 32.2 26.3 39.5

