

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110824\
 Data File : VU061537.D
 Acq On : 08 Nov 2024 09:34
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 09 00:14:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 08 00:26:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	169493	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	161883	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	80135	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	39340	3.417	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.400%
7) Chloroethane-d5	1.907	69	44344	4.201	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.560	65	19756	4.011	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.624	46	119208	50.995	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.000%
24) Chloroform-d	5.055	84	104816	4.796	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.692	65	51535	4.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.717	84	203093	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.682	67	63687	4.644	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.888	98	186531	4.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.174	79	23046	4.117	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.624	63	109480	47.751	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.500%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	52402	5.053	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	62896	4.432	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	53099	4.699	ug/L	100
3) Chloromethane	1.515	50	48420	4.063	ug/L	99
5) Vinyl chloride	1.599	62	58240	4.445	ug/L	99
6) Bromomethane	1.853	94	28427	3.274	ug/L	95
8) Chloroethane	1.930	64	46161	4.786	ug/L	97
9) Trichlorofluoromethane	2.132	101	86325	4.851	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	56025	5.302	ug/L	99
12) 1,1-Dichloroethene	2.573	96	49049	4.895	ug/L	94
13) Acetone	2.640	43	76490	51.662	ug/L	98
14) Carbon disulfide	2.788	76	133472	3.992	ug/L	100
15) Methyl Acetate	2.952	43	17825	4.862	ug/L	100
16) Methylene chloride	3.036	84	58797	4.979	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	131506	4.842	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	53685	4.845	ug/L	98
19) 1,1-Dichloroethane	3.859	63	106507	5.096	ug/L	98
21) 2-Butanone	4.705	43	124492	53.039	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	65236	5.154	ug/L	99
23) Bromochloromethane	4.965	128	28716	5.392	ug/L	97
25) Chloroform	5.078	83	113271	5.155	ug/L	100

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 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 09 00:14:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 08 00:26:16 2024
 Response via : Initial Calibration

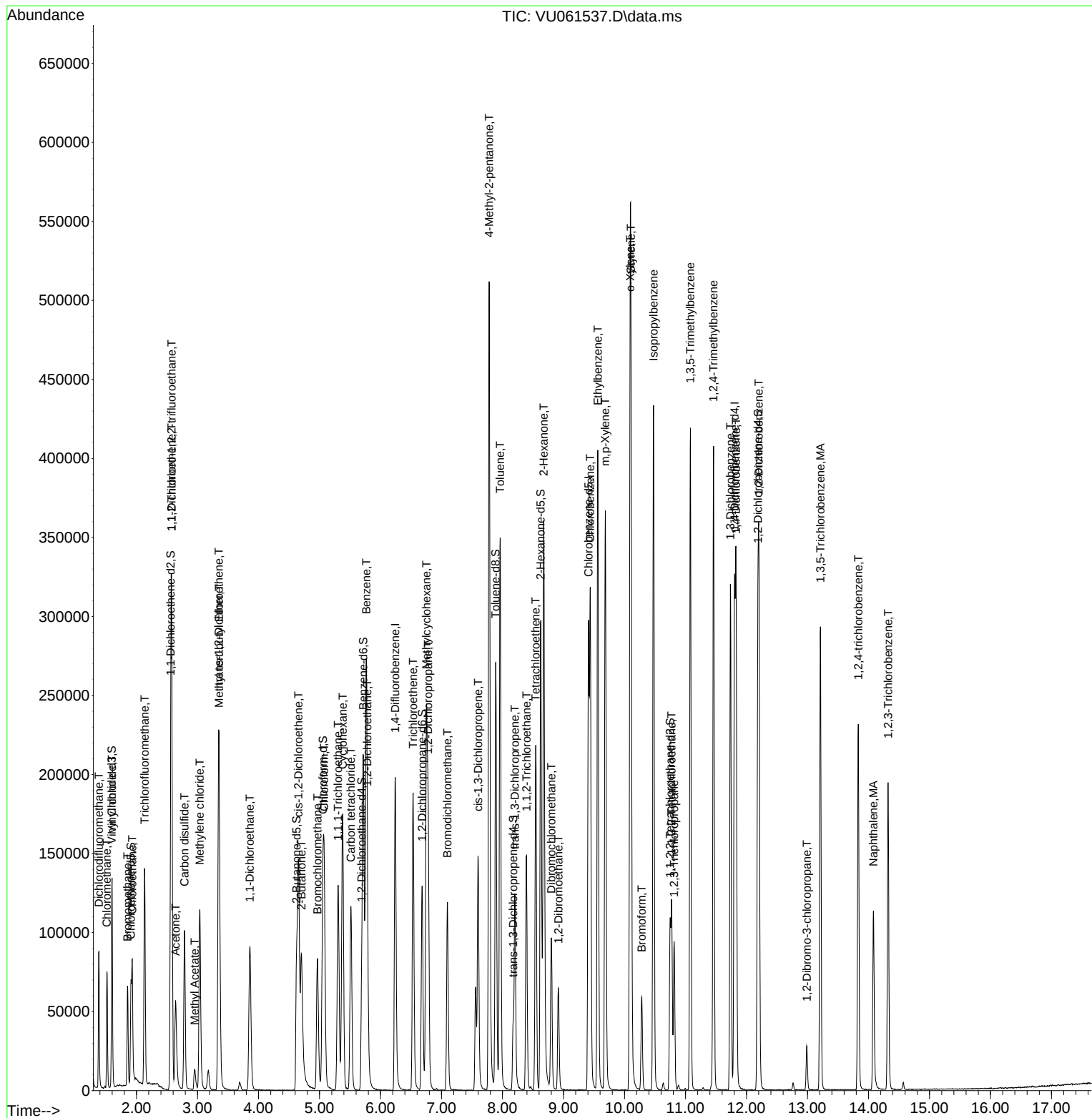
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	70157	5.052	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	93935	4.739	ug/L	98
30) Cyclohexane	5.380	56	85532	4.302	ug/L	99
31) Carbon tetrachloride	5.515	117	79197	4.669	ug/L	99
33) Benzene	5.766	78	243413	4.862	ug/L	100
34) Trichloroethene	6.534	95	65202	4.788	ug/L	98
35) Methylcyclohexane	6.753	83	97173	4.483	ug/L	100
37) 1,2-Dichloropropane	6.782	63	65287	5.145	ug/L	100
38) Bromodichloromethane	7.097	83	78431	4.884	ug/L	100
39) cis-1,3-Dichloropropene	7.598	75	93191	4.755	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	316476	50.108	ug/L	99
42) Toluene	7.962	91	266959	4.910	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	72630	4.548	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	47094	5.157	ug/L	98
47) Tetrachloroethene	8.544	164	47601	5.004	ug/L	97
48) 2-Hexanone	8.676	43	222862	49.900	ug/L	99
49) Dibromochloromethane	8.801	129	49867	4.814	ug/L	96
50) 1,2-Dibromoethane	8.917	107	43902	4.948	ug/L	97
51) Chlorobenzene	9.438	112	171723	4.997	ug/L	97
52) Ethylbenzene	9.563	91	290825	4.863	ug/L	100
53) m,p-Xylene	9.685	106	110192	4.837	ug/L	97
54) o-Xylene	10.093	106	107671	4.789	ug/L	98
55) Styrene	10.106	104	175880	4.879	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	58090	5.279	ug/L	98
59) Bromoform	10.283	173	26596	4.484	ug/L	99
60) Isopropylbenzene	10.476	105	287164	4.691	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	39221	4.913	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	226680	4.549	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	225001	4.567	ug/L	100
64) 1,3-Dichlorobenzene	11.736	146	127119	4.934	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	127012	4.836	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	117613	4.850	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	7030	4.194	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	88200	4.994	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	70281	4.931	ug/L	99
71) Naphthalene	14.080	128	100123	4.452	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	58704	4.923	ug/L	99

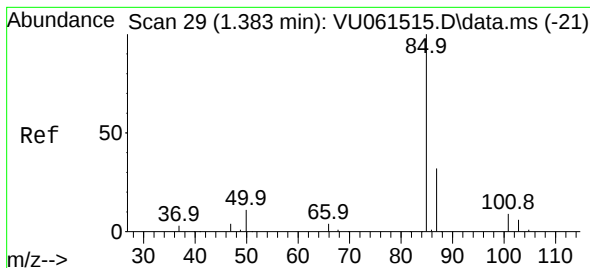
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Misc : 25mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 09 00:14:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 08 00:26:16 2024
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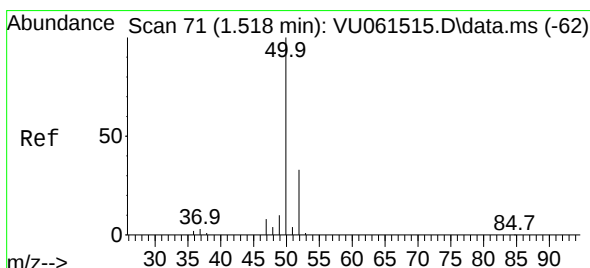
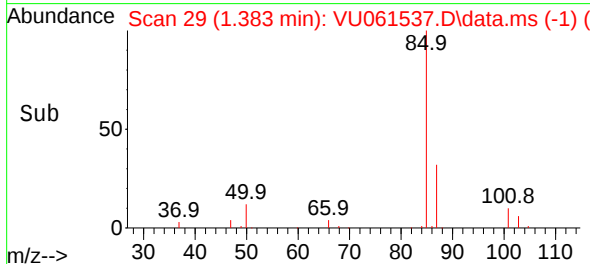
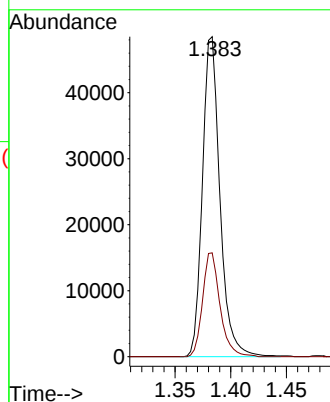
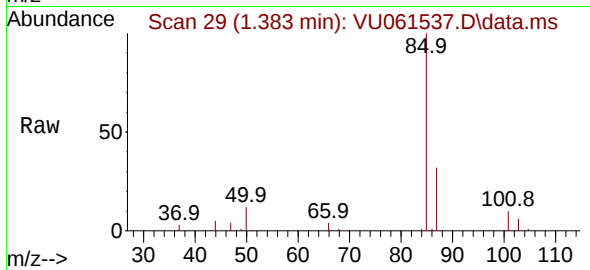




#2
 Dichlorodifluoromethane
 Concen: 4.699 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU061537.D
 Acq: 08 Nov 2024 09:34

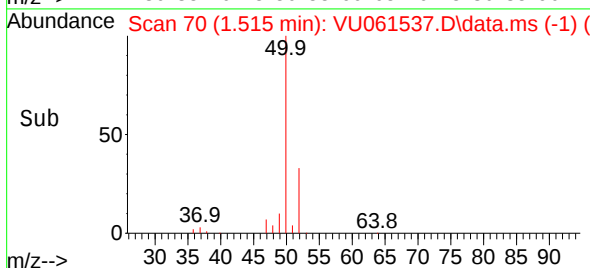
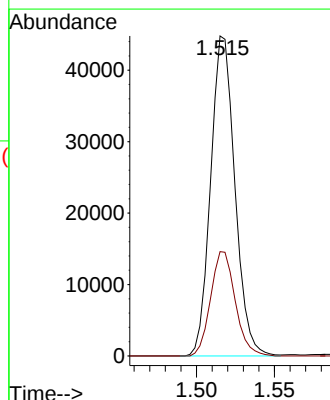
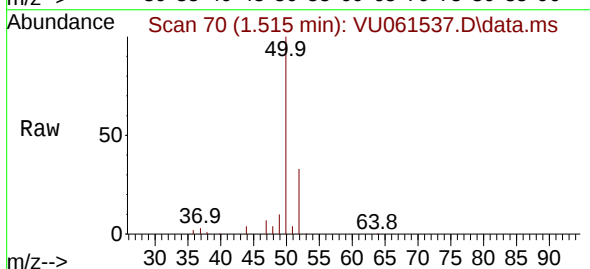
Instrument :
 MSVOA_U
 ClientSampleId :

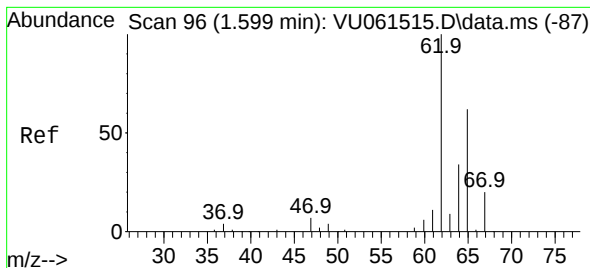
Tgt Ion: 85 Resp: 53099
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.7 38.5



#3
 Chloromethane
 Concen: 4.063 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU061537.D
 Acq: 08 Nov 2024 09:34

Tgt Ion: 50 Resp: 48420
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.4 43.4





#5

Vinyl chloride

Concen: 4.445 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU061537.D

Acq: 08 Nov 2024 09:34

Instrument :

MSVOA_U

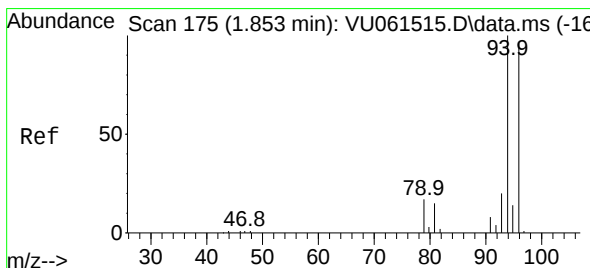
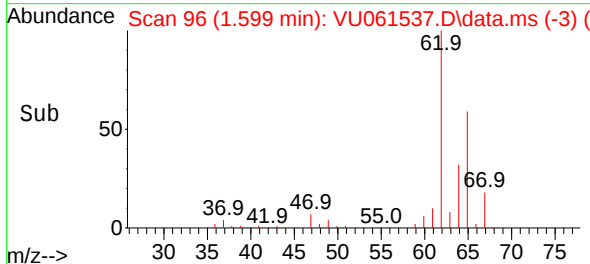
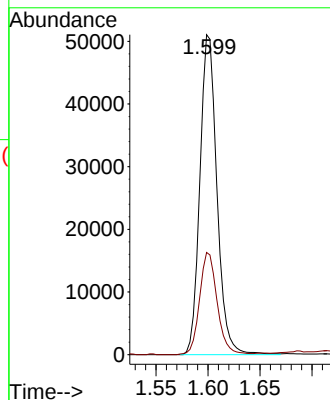
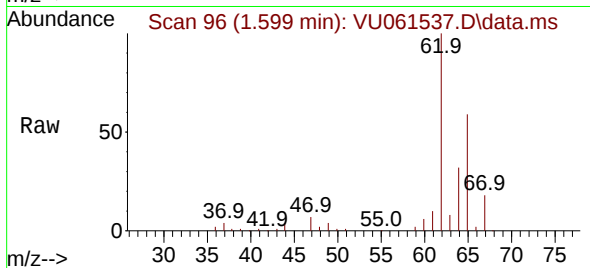
ClientSampleId :

Tgt Ion: 62 Resp: 58240

Ion Ratio Lower Upper

62 100

64 31.9 22.6 42.0



#6

Bromomethane

Concen: 3.274 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU061537.D

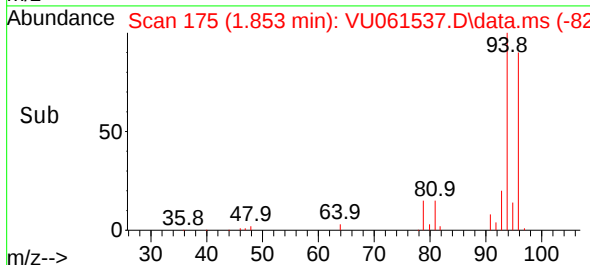
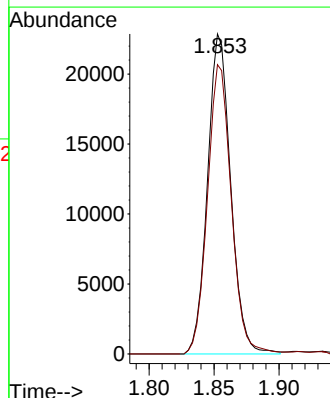
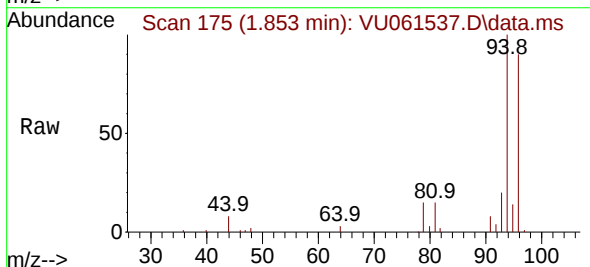
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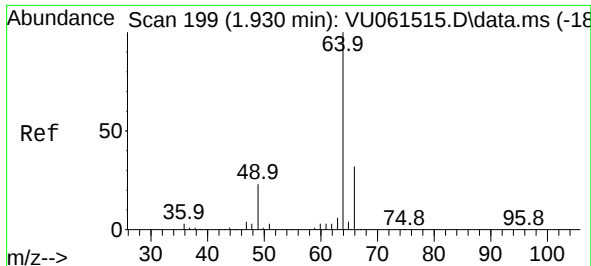
Tgt Ion: 94 Resp: 28427

Ion Ratio Lower Upper

94 100

96 90.4 66.9 124.3

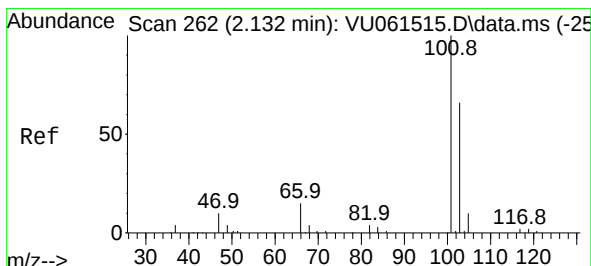
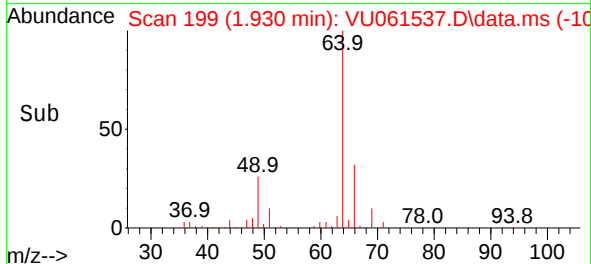
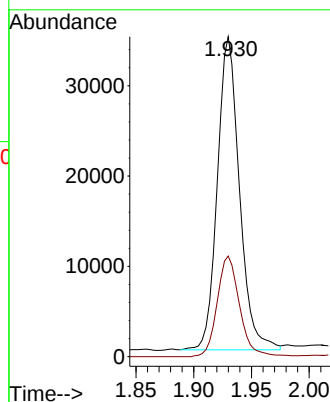
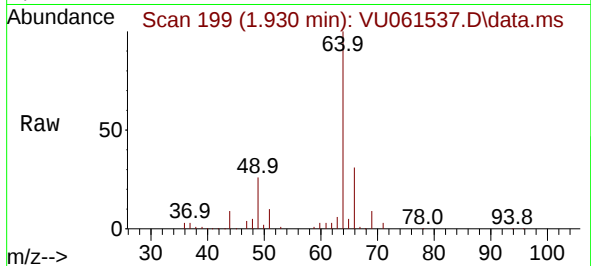




#8
Chloroethane
Concen: 4.786 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061537.D
Acq: 08 Nov 2024 09:34

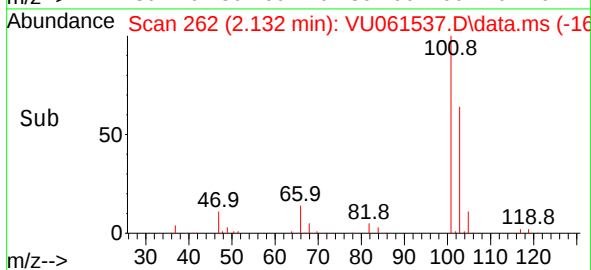
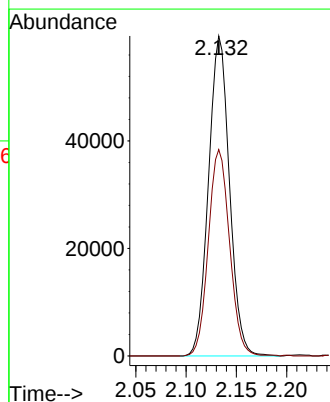
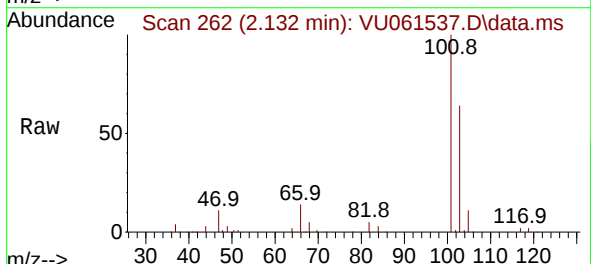
Instrument :
MSVOA_U
ClientSampleId :

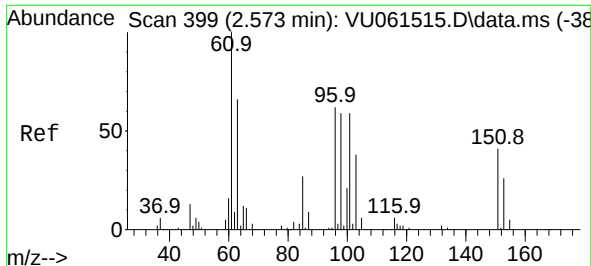
Tgt Ion: 64 Resp: 46161
Ion Ratio Lower Upper
64 100
66 31.4 23.1 42.9



#9
Trichlorofluoromethane
Concen: 4.851 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061537.D
Acq: 08 Nov 2024 09:34

Tgt Ion:101 Resp: 86325
Ion Ratio Lower Upper
101 100
103 65.3 50.6 75.8

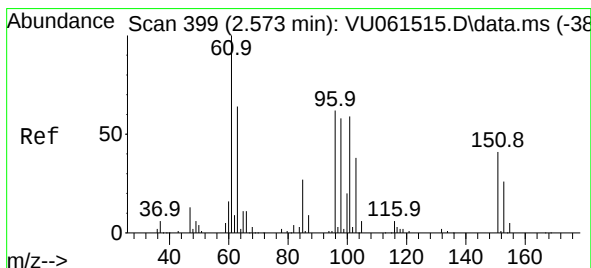
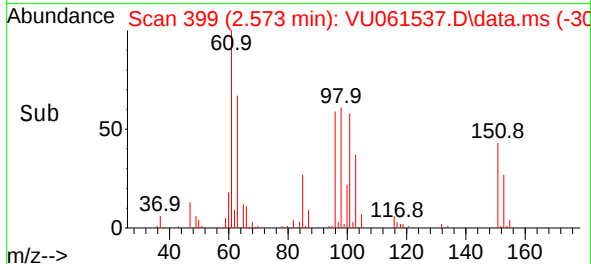
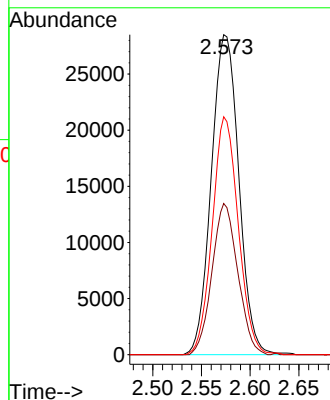
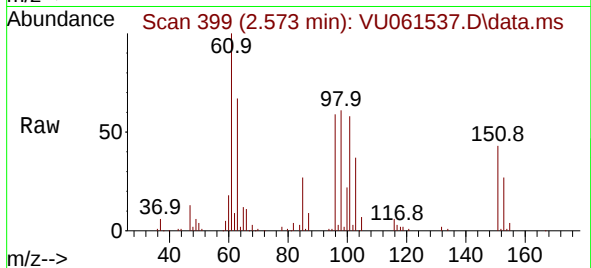




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.302 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061537.D
Acq: 08 Nov 2024 09:34

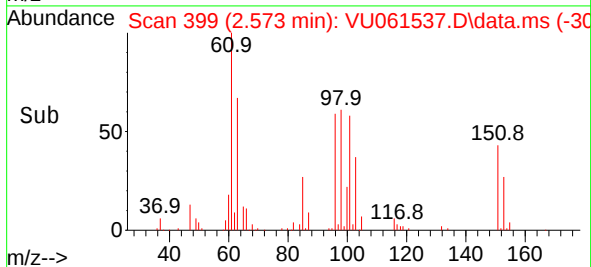
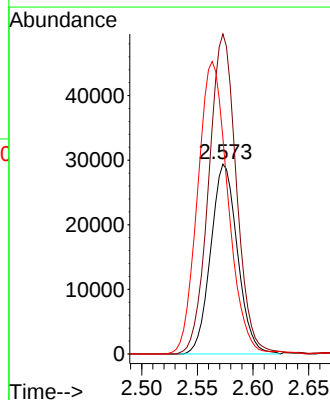
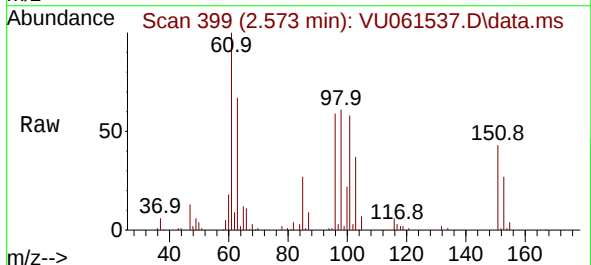
Instrument :
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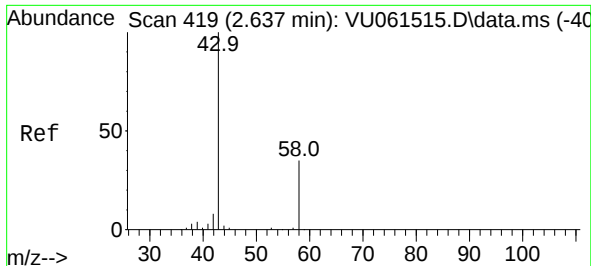
Tgt Ion:101 Resp: 56025
Ion Ratio Lower Upper
101 100
85 44.3 35.6 53.4
151 70.4 55.9 83.9



#12
1,1-Dichloroethene
Concen: 4.895 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061537.D
Acq: 08 Nov 2024 09:34

Tgt Ion: 96 Resp: 49049
Ion Ratio Lower Upper
96 100
61 168.6 119.1 221.1
63 113.7 89.4 166.0





#13

Acetone

Concen: 51.662 ug/L

RT: 2.640 min Scan# 419

Delta R.T. 0.003 min

Lab File: VU061537.D

Acq: 08 Nov 2024 09:34

Instrument :

MSVOA_U

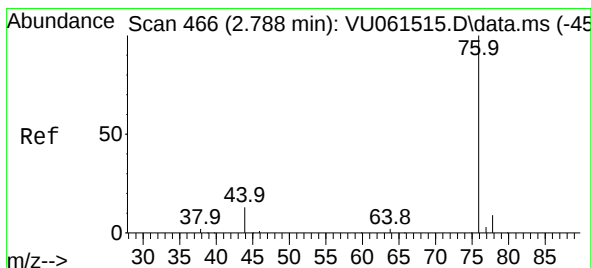
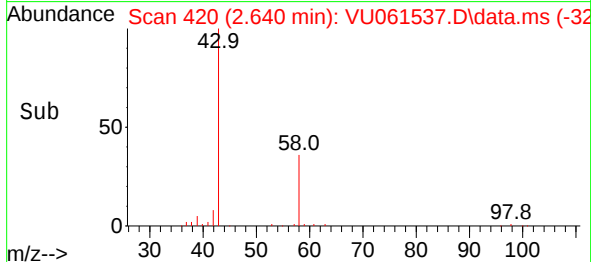
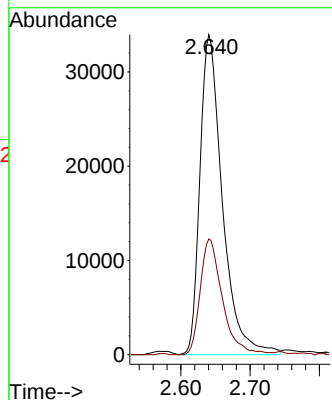
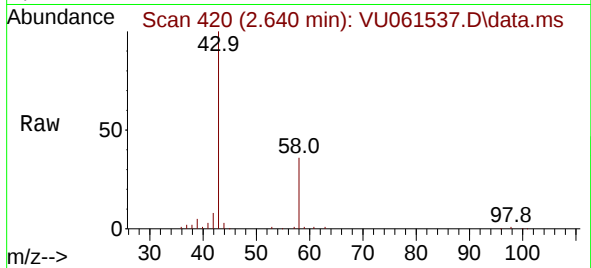
ClientSampleId :

Tgt Ion: 43 Resp: 76490

Ion Ratio Lower Upper

43 100

58 35.7 0.0 73.2



#14

Carbon disulfide

Concen: 3.992 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU061537.D

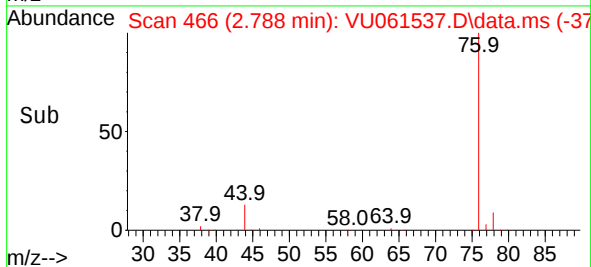
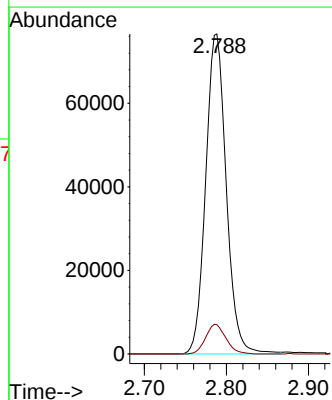
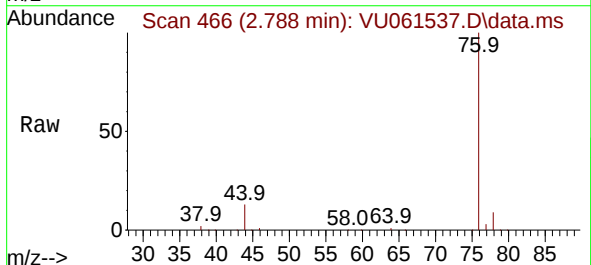
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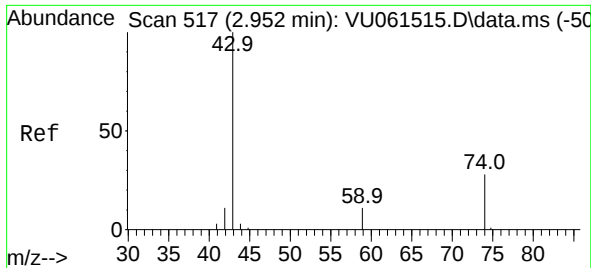
Tgt Ion: 76 Resp: 133472

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

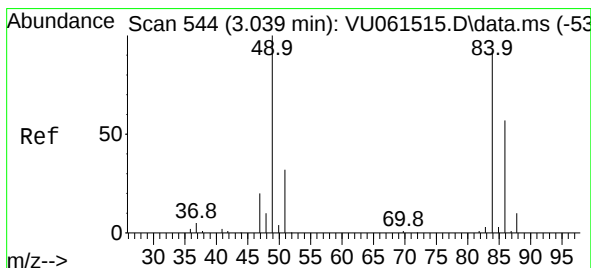
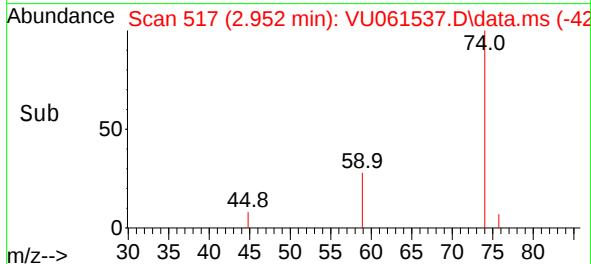
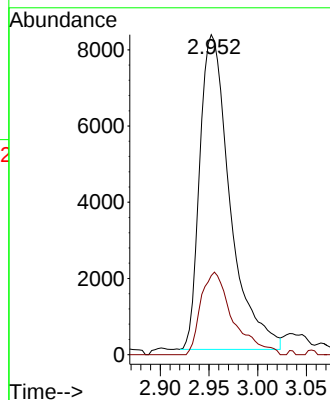
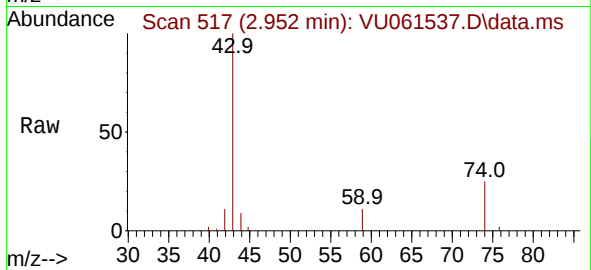




#15
Methyl Acetate
Concen: 4.862 ug/L
RT: 2.952 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU061537.D
Acq: 08 Nov 2024 09:34

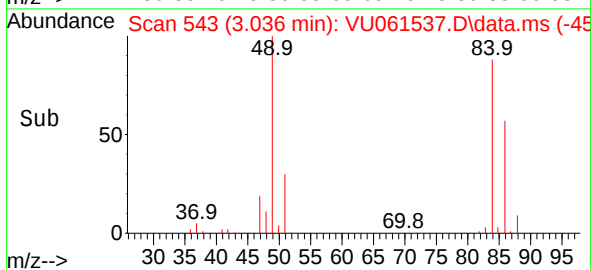
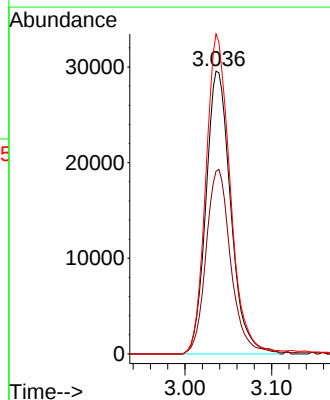
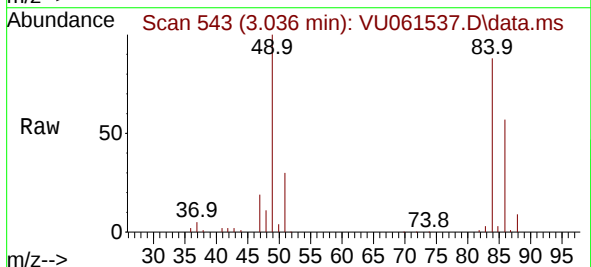
Instrument :
MSVOA_U
ClientSampleId :

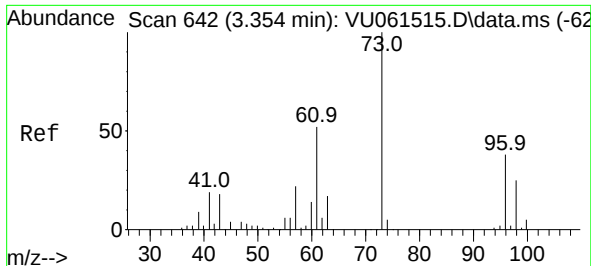
Tgt Ion: 43 Resp: 17825
Ion Ratio Lower Upper
43 100
74 27.9 22.2 33.4



#16
Methylene chloride
Concen: 4.979 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU061537.D
Acq: 08 Nov 2024 09:34

Tgt Ion: 84 Resp: 58797
Ion Ratio Lower Upper
84 100
86 64.6 43.5 80.7
49 113.1 75.7 140.7

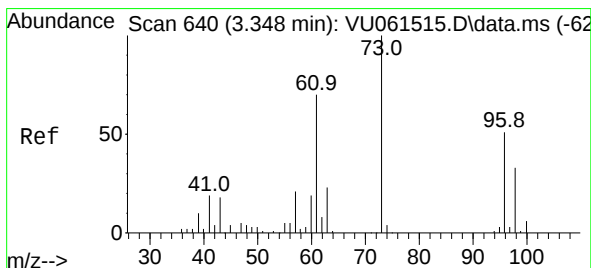
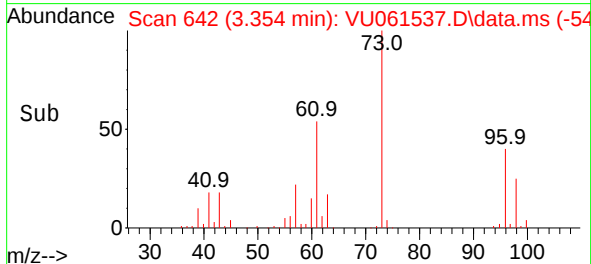
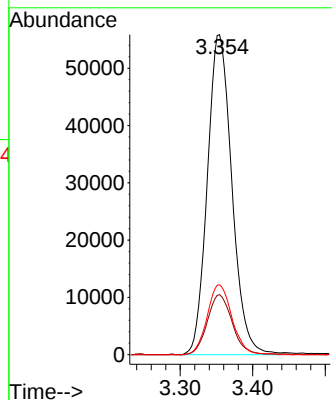
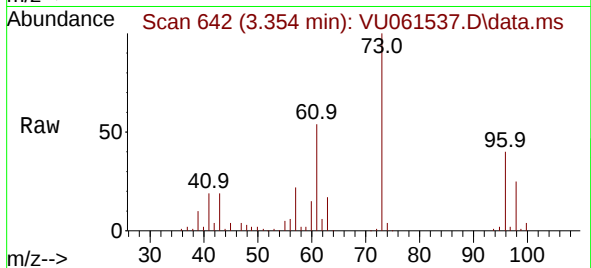




#17
Methyl tert-butyl Ether
Concen: 4.842 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061537.D
Acq: 08 Nov 2024 09:34

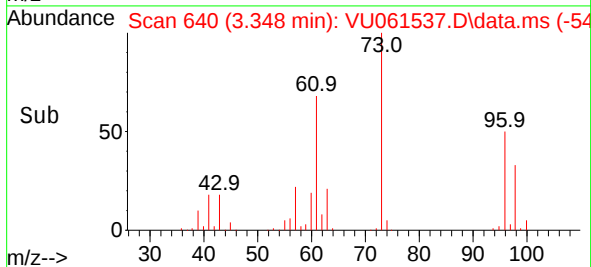
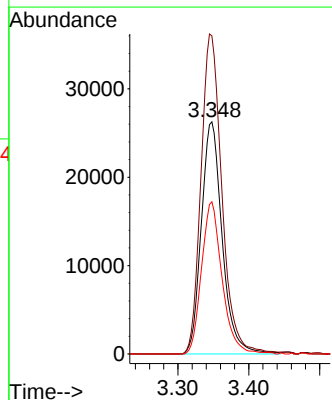
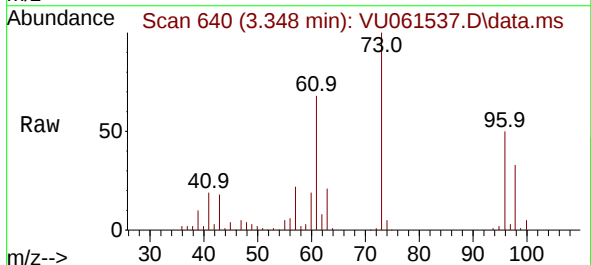
Instrument :
MSVOA_U
ClientSampleId :

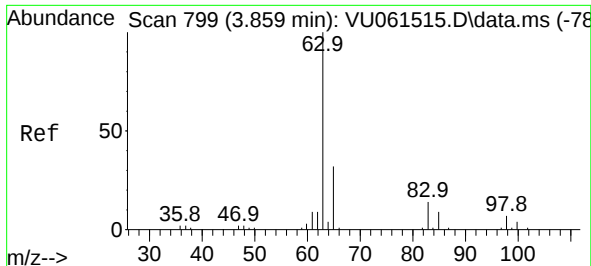
Tgt Ion: 73 Resp: 131506
Ion Ratio Lower Upper
73 100
43 19.0 15.0 22.4
57 22.1 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.845 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU061537.D
Acq: 08 Nov 2024 09:34

Tgt Ion: 96 Resp: 53685
Ion Ratio Lower Upper
96 100
61 137.0 97.9 181.7
98 65.5 46.2 85.8

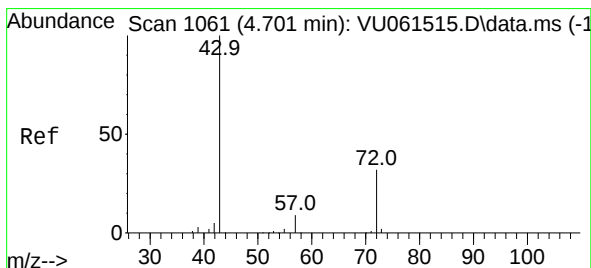
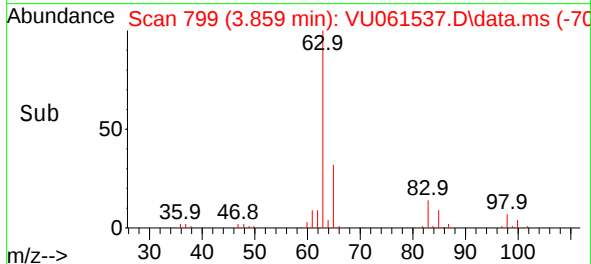
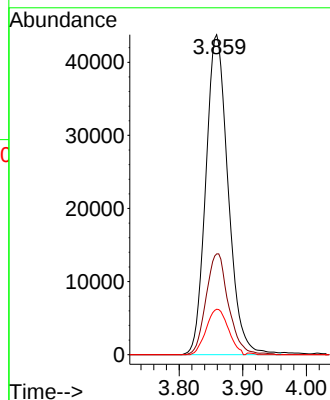
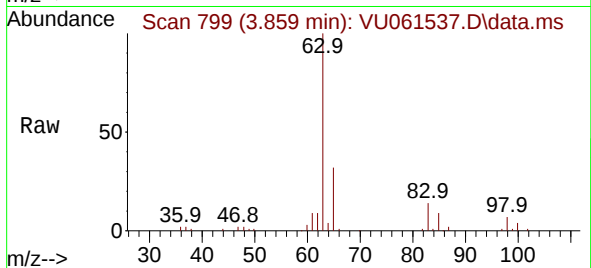




#19
1,1-Dichloroethane
Concen: 5.096 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061537.D
Acq: 08 Nov 2024 09:34

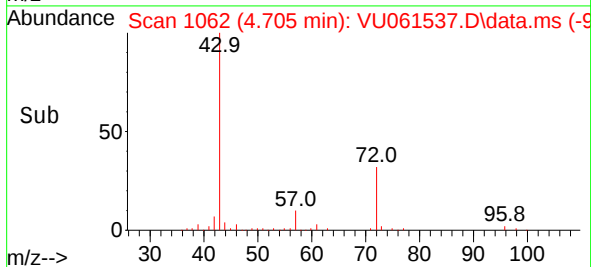
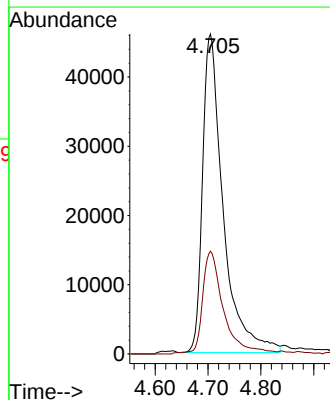
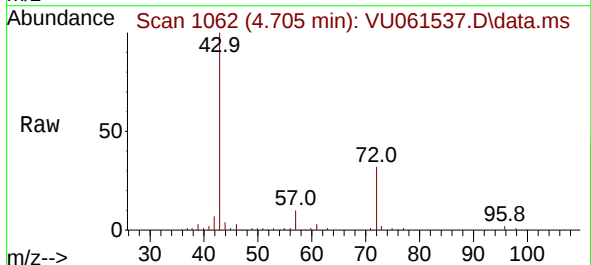
Instrument :
MSVOA_U
ClientSampleId :

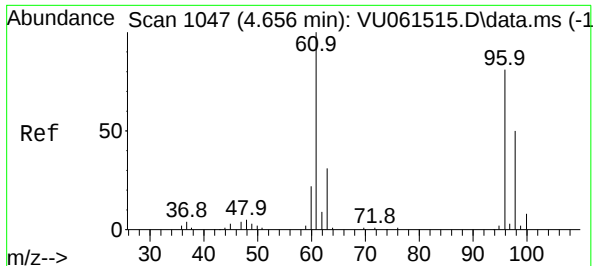
Tgt Ion: 63 Resp: 106507
Ion Ratio Lower Upper
63 100
65 31.5 23.0 42.6
83 14.2 9.7 17.9



#21
2-Butanone
Concen: 53.039 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.003 min
Lab File: VU061537.D
Acq: 08 Nov 2024 09:34

Tgt Ion: 43 Resp: 124492
Ion Ratio Lower Upper
43 100
72 30.9 15.9 47.6

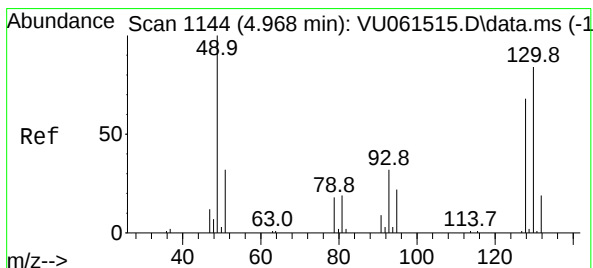
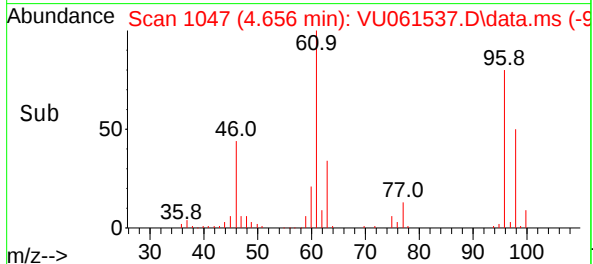
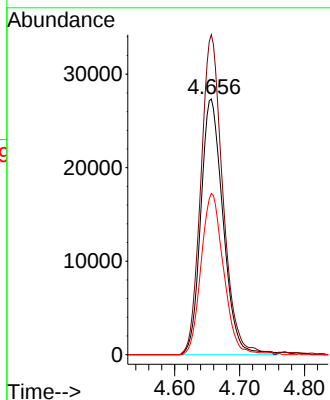
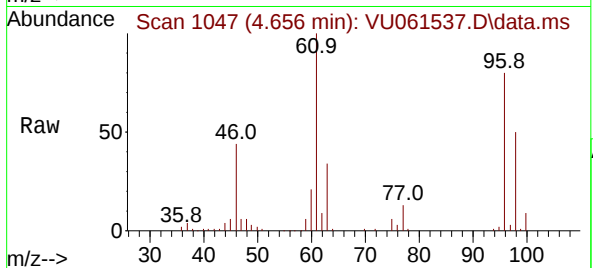




#22
 cis-1,2-Dichloroethene
 Concen: 5.154 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061537.D
 Acq: 08 Nov 2024 09:34

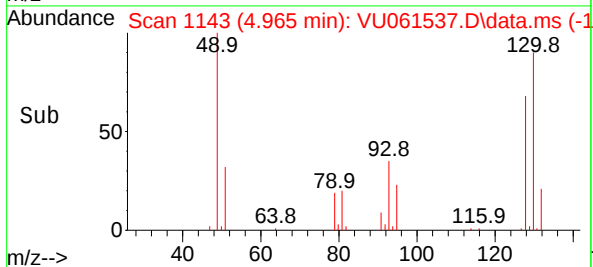
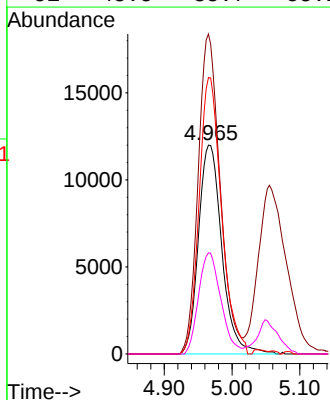
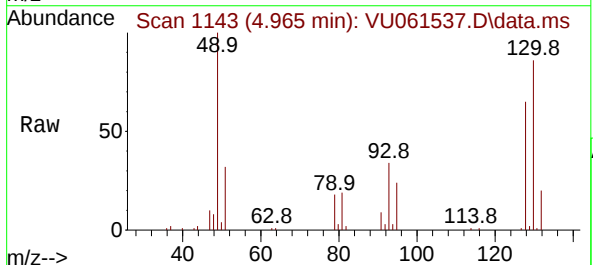
Instrument :
 MSVOA_U
 ClientSampleId :

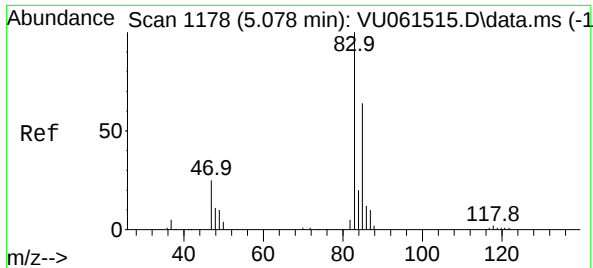
Tgt Ion: 96 Resp: 65236
 Ion Ratio Lower Upper
 96 100
 61 125.2 88.1 163.5
 98 63.1 45.0 83.6



#23
 Bromochloromethane
 Concen: 5.392 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU061537.D
 Acq: 08 Nov 2024 09:34

Tgt Ion:128 Resp: 28716
 Ion Ratio Lower Upper
 128 100
 49 153.3 105.1 195.1
 130 132.3 89.6 166.4
 51 48.5 38.7 58.1





#25

Chloroform

Concen: 5.155 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061537.D

Acq: 08 Nov 2024 09:34

Instrument :

MSVOA_U

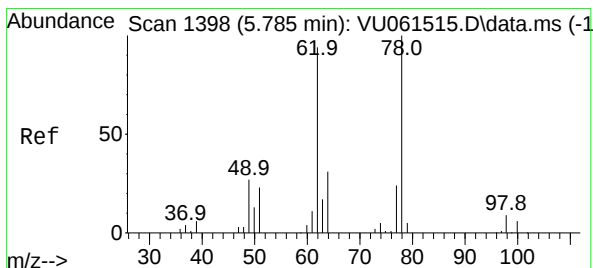
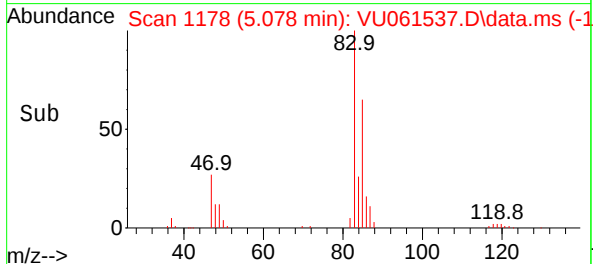
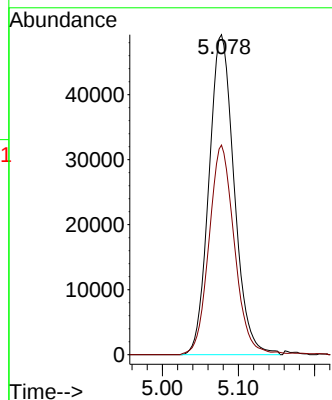
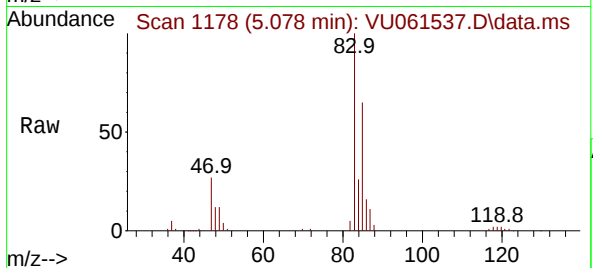
ClientSampleId :

Tgt Ion: 83 Resp: 113271

Ion Ratio Lower Upper

83 100

85 65.5 45.6 84.6



#27

1,2-Dichloroethane

Concen: 5.052 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU061537.D

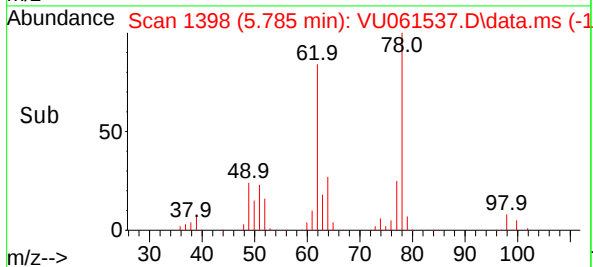
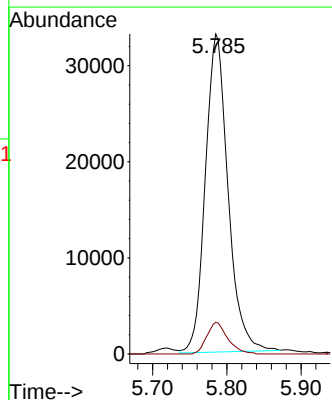
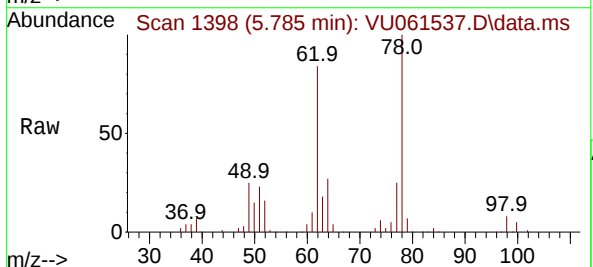
Acq: 08 Nov 2024 09:34

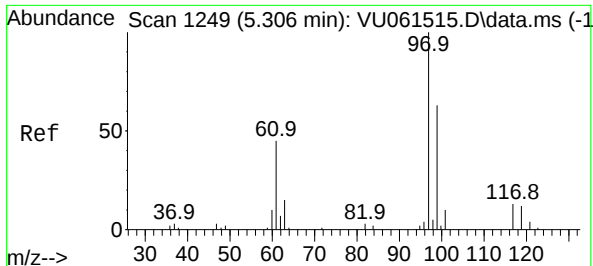
Tgt Ion: 62 Resp: 70157

Ion Ratio Lower Upper

62 100

98 9.9 7.4 11.0

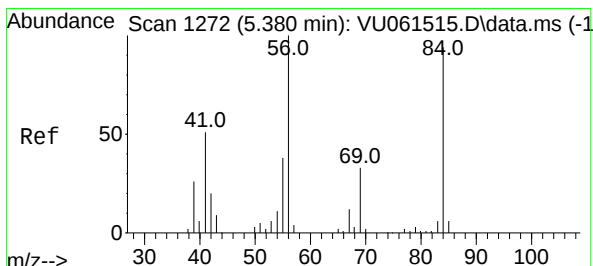
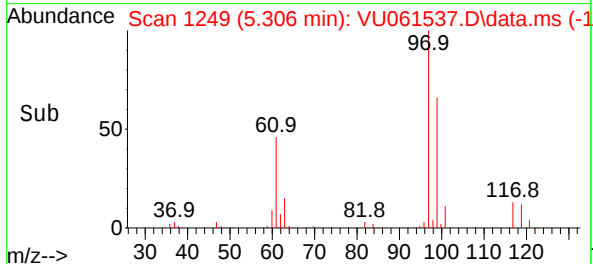
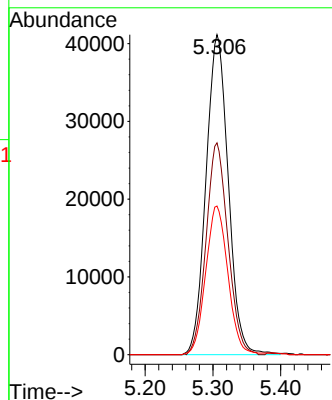
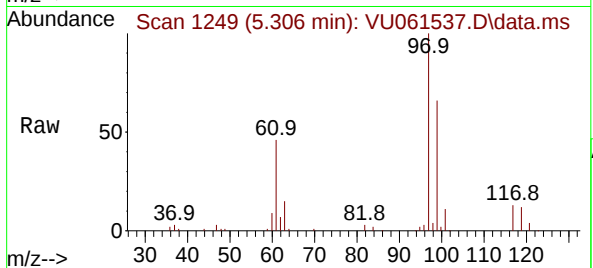




#29
1,1,1-Trichloroethane
Concen: 4.739 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061537.D
Acq: 08 Nov 2024 09:34

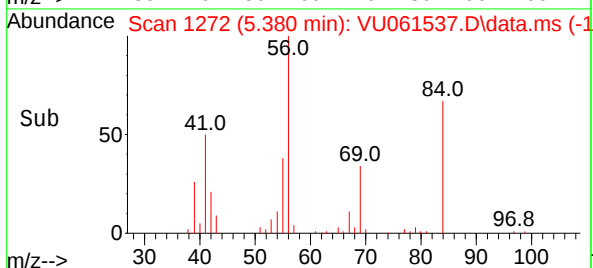
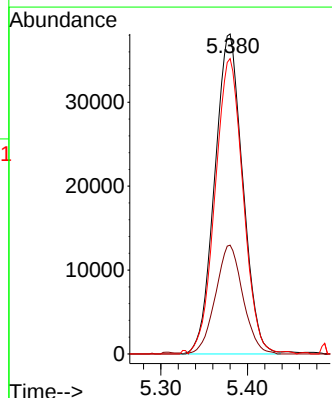
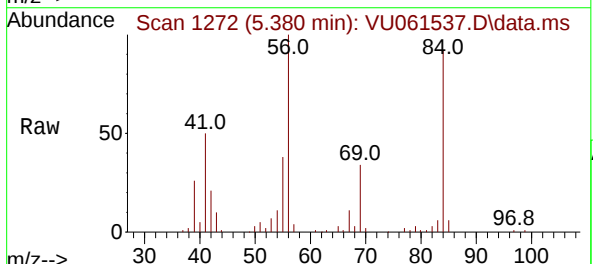
Instrument :
MSVOA_U
ClientSampleId :

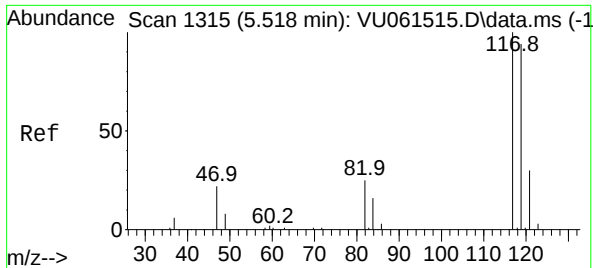
Tgt Ion: 97 Resp: 93935
Ion Ratio Lower Upper
97 100
99 65.0 50.8 76.2
61 46.4 36.1 54.1



#30
Cyclohexane
Concen: 4.302 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU061537.D
Acq: 08 Nov 2024 09:34

Tgt Ion: 56 Resp: 85532
Ion Ratio Lower Upper
56 100
69 33.4 25.8 38.6
84 92.4 73.9 110.9

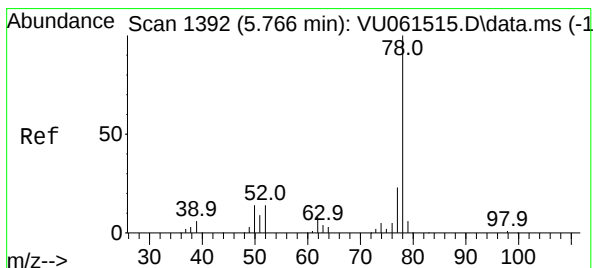
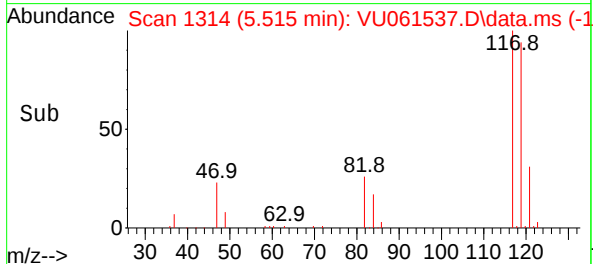
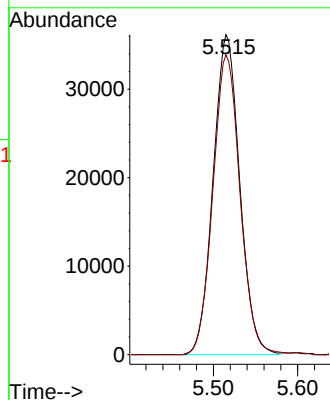
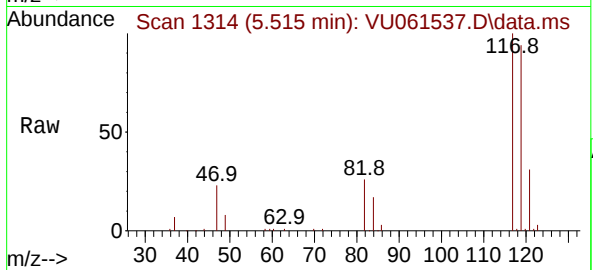




#31
Carbon tetrachloride
Concen: 4.669 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU061537.D
Acq: 08 Nov 2024 09:34

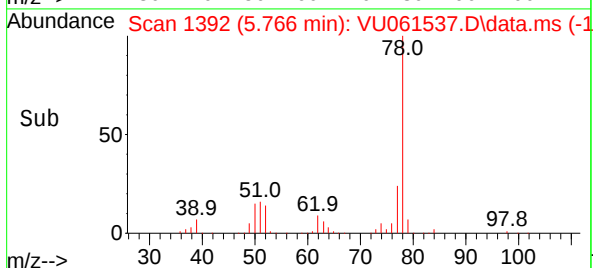
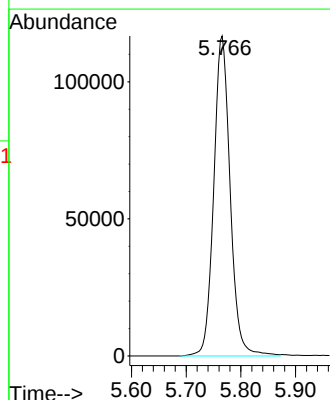
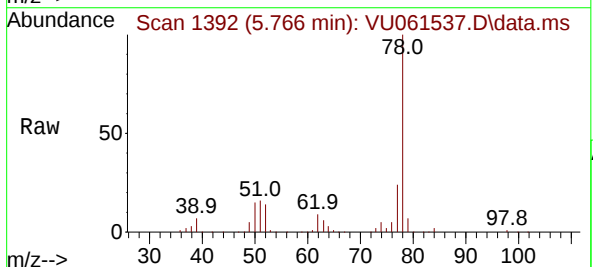
Instrument :
MSVOA_U
ClientSampleId :

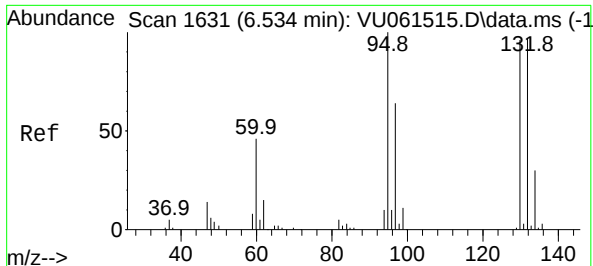
Tgt Ion:117 Resp: 79197
Ion Ratio Lower Upper
117 100
119 95.7 75.5 113.3



#33
Benzene
Concen: 4.862 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061537.D
Acq: 08 Nov 2024 09:34

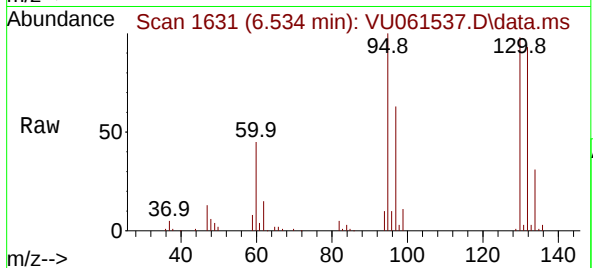
Tgt Ion: 78 Resp: 243413



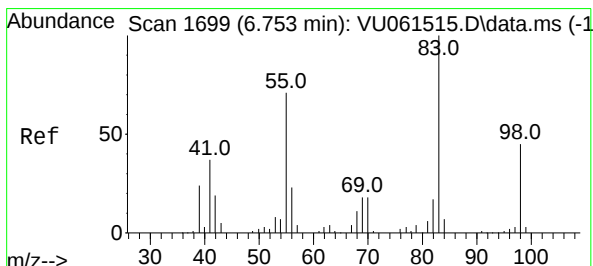
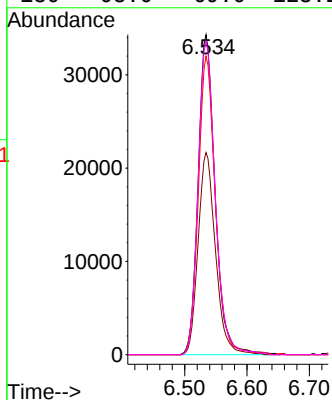
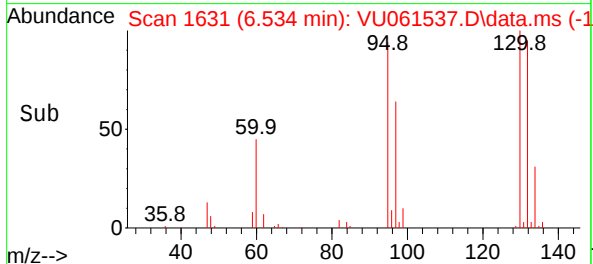


#34
Trichloroethene
Concen: 4.788 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061537.D
Acq: 08 Nov 2024 09:34

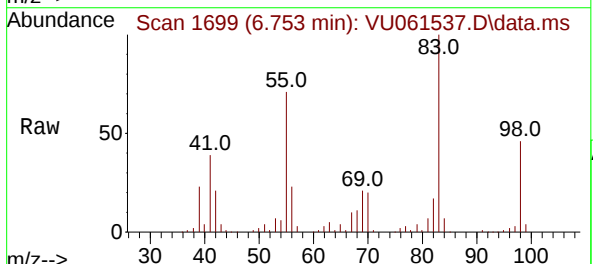
Instrument :
MSVOA_U
ClientSampleId :



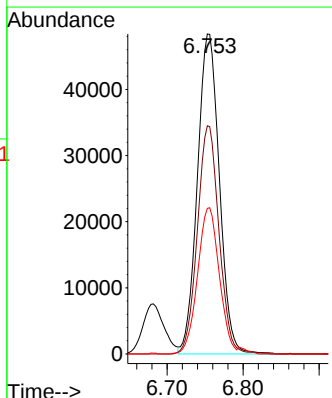
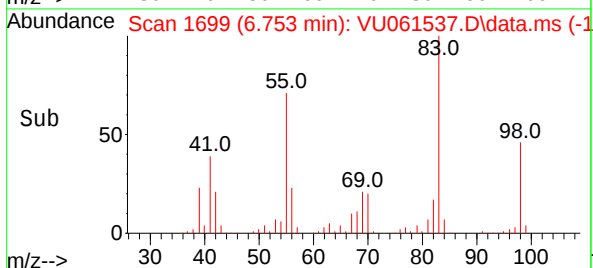
Tgt Ion: 95 Resp: 65202
Ion Ratio Lower Upper
95 100
97 63.2 46.1 85.7
132 93.2 66.1 122.7
130 98.0 69.0 128.2

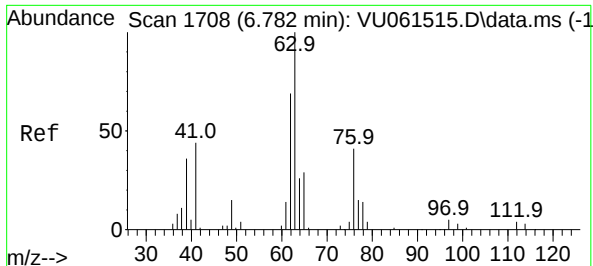


#35
Methylcyclohexane
Concen: 4.483 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU061537.D
Acq: 08 Nov 2024 09:34



Tgt Ion: 83 Resp: 97173
Ion Ratio Lower Upper
83 100
55 70.1 55.9 83.9
98 44.9 35.9 53.9

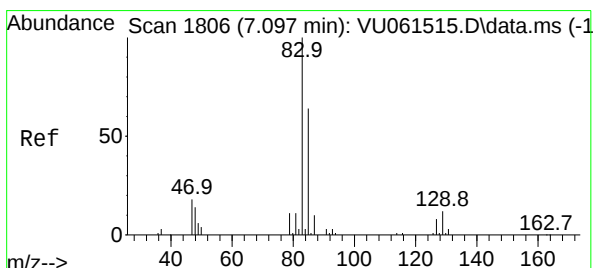
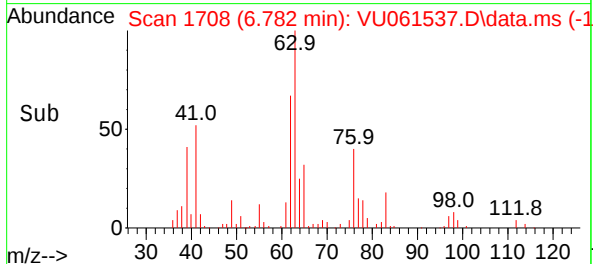
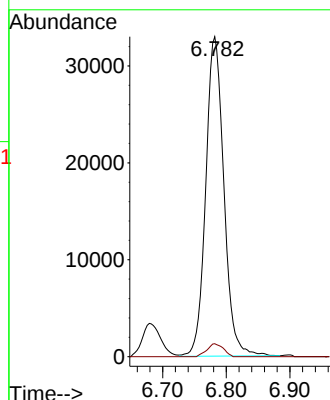
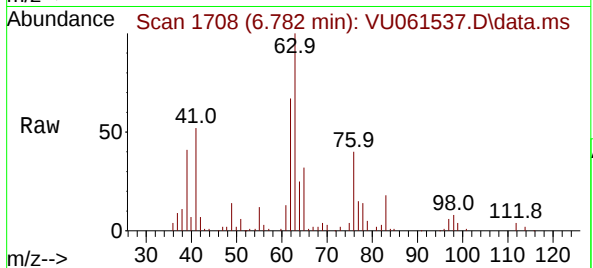




#37
1,2-Dichloropropane
Concen: 5.145 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU061537.D
Acq: 08 Nov 2024 09:34

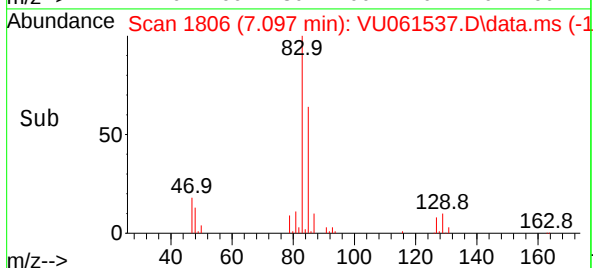
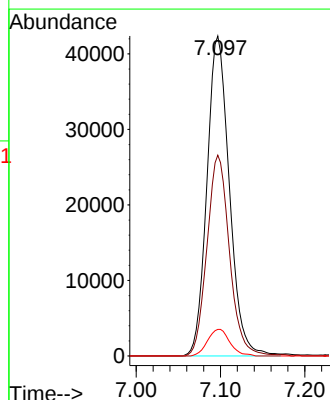
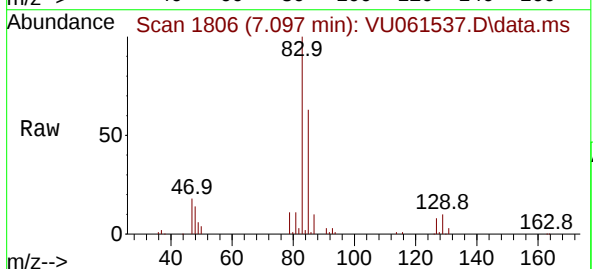
Instrument :
MSVOA_U
ClientSampleId :

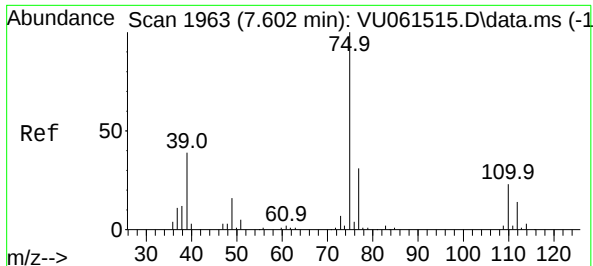
Tgt Ion: 63 Resp: 65287
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.4



#38
Bromodichloromethane
Concen: 4.884 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061537.D
Acq: 08 Nov 2024 09:34

Tgt Ion: 83 Resp: 78431
Ion Ratio Lower Upper
83 100
85 62.7 43.8 81.4
127 8.3 7.4 11.0

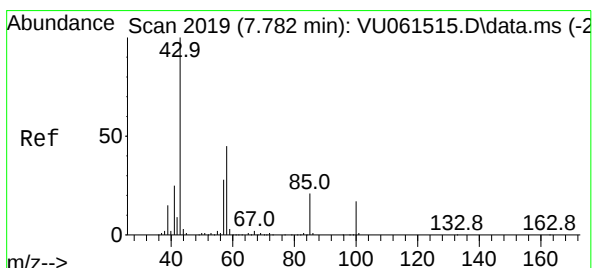
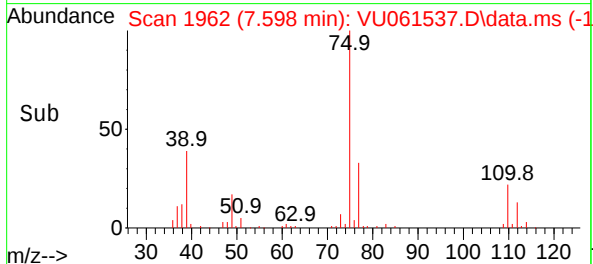
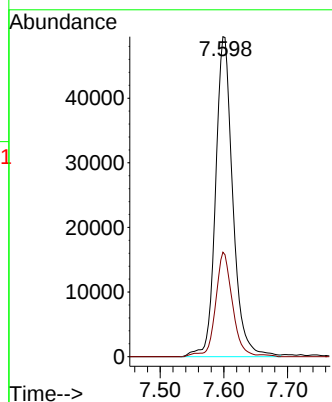
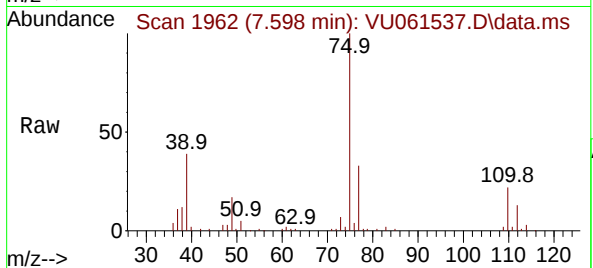




#39
 cis-1,3-Dichloropropene
 Concen: 4.755 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU061537.D
 Acq: 08 Nov 2024 09:34

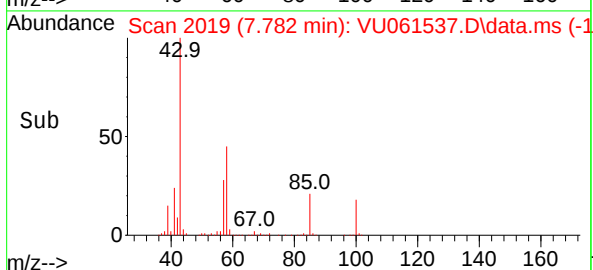
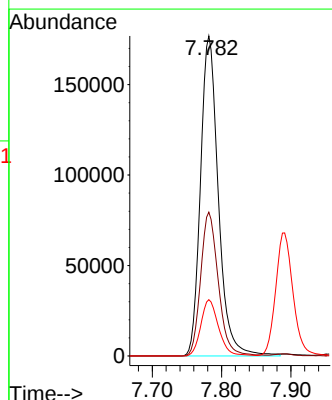
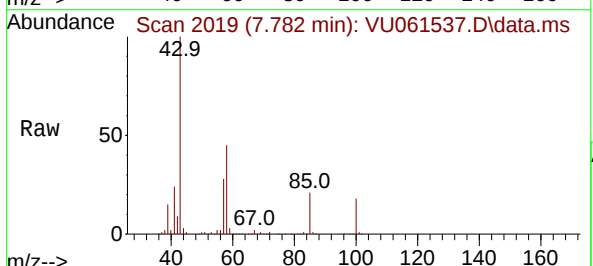
Instrument :
 MSVOA_U
 ClientSampleId :

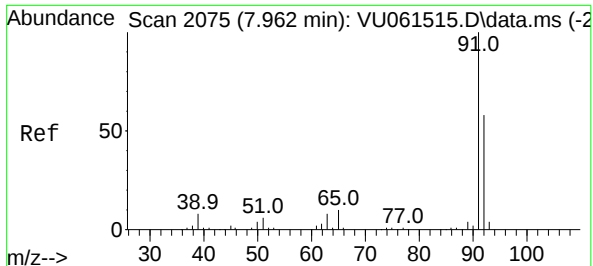
Tgt Ion: 75 Resp: 93191
 Ion Ratio Lower Upper
 75 100
 77 32.7 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 50.108 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU061537.D
 Acq: 08 Nov 2024 09:34

Tgt Ion: 43 Resp: 316476
 Ion Ratio Lower Upper
 43 100
 58 44.5 35.1 52.7
 100 17.5 14.0 21.0





#42

Toluene

Concen: 4.910 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061537.D

Acq: 08 Nov 2024 09:34

Instrument :

MSVOA_U

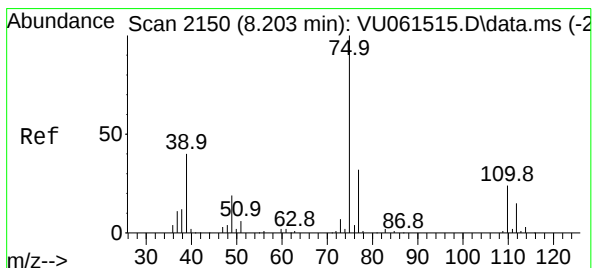
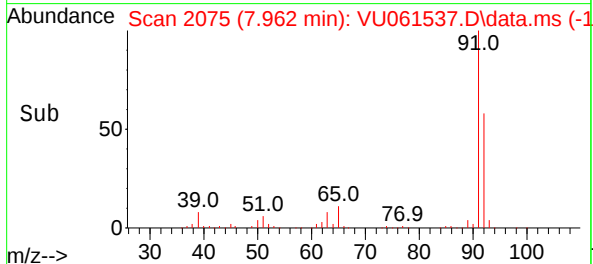
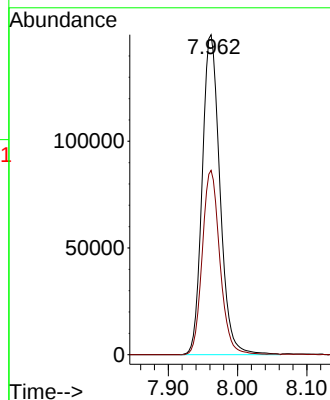
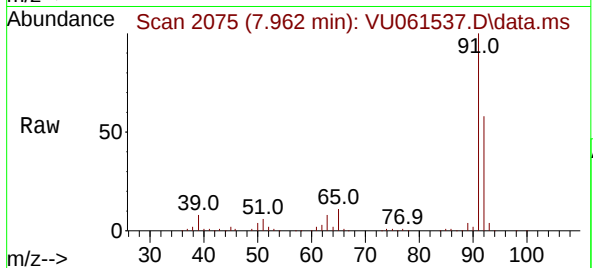
ClientSampleId :

Tgt Ion: 91 Resp: 266959

Ion Ratio Lower Upper

91 100

92 57.6 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.548 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061537.D

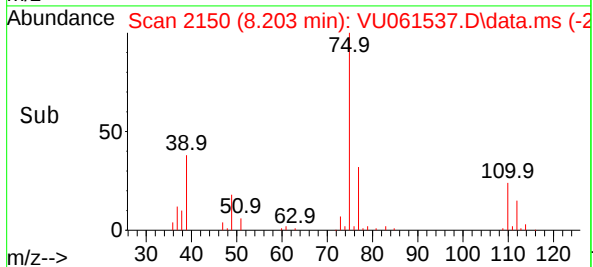
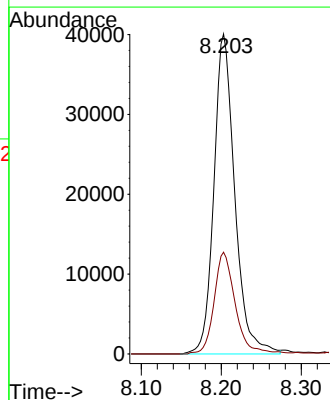
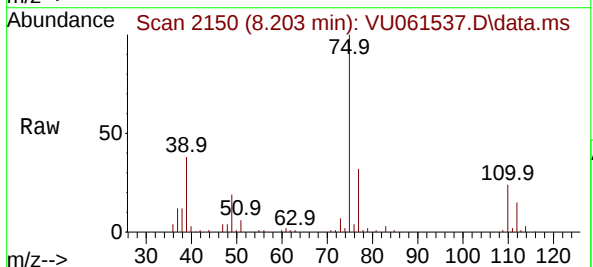
Acq: 08 Nov 2024 09:34

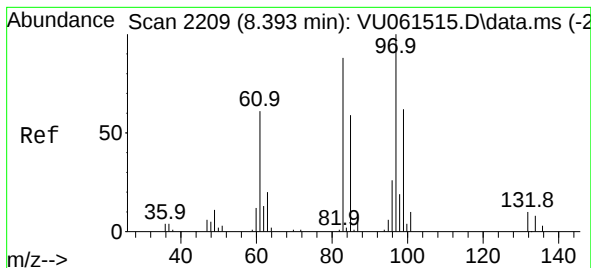
Tgt Ion: 75 Resp: 72630

Ion Ratio Lower Upper

75 100

77 31.8 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 5.157 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VU061537.D

Acq: 08 Nov 2024 09:34

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 47094

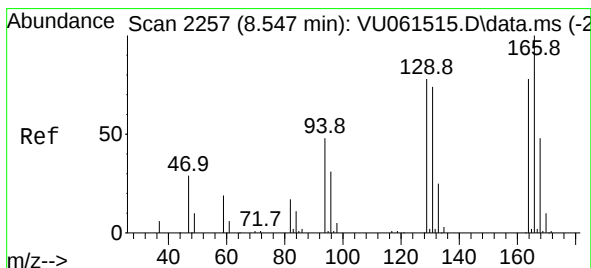
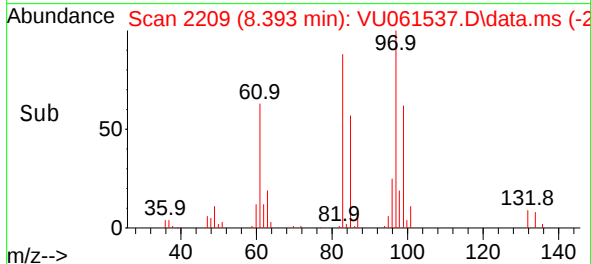
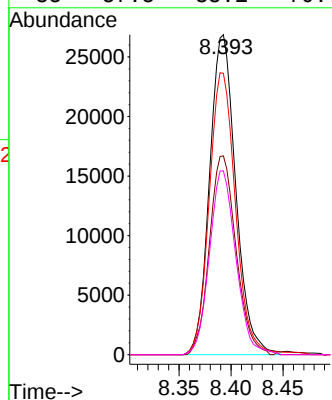
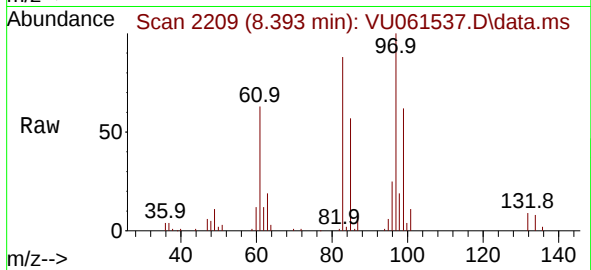
Ion Ratio Lower Upper

97 100

99 62.1 44.1 81.9

83 88.0 61.2 113.6

85 57.5 38.1 70.7



#47

Tetrachloroethene

Concen: 5.004 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.003 min

Lab File: VU061537.D

Acq: 08 Nov 2024 09:34

Tgt Ion: 164 Resp: 47601

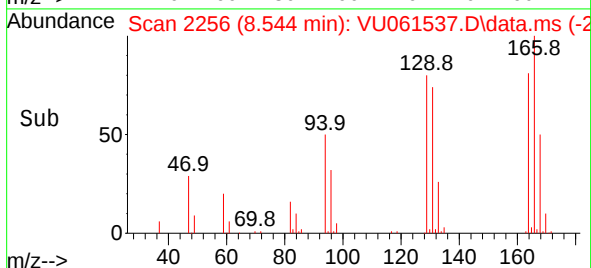
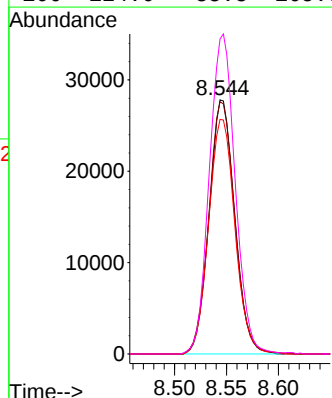
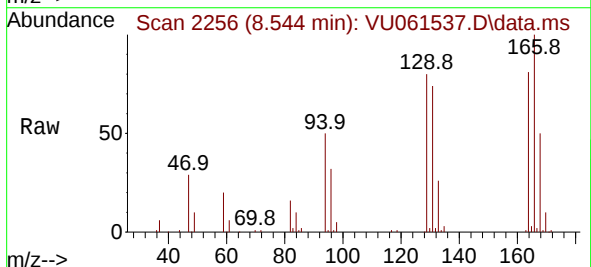
Ion Ratio Lower Upper

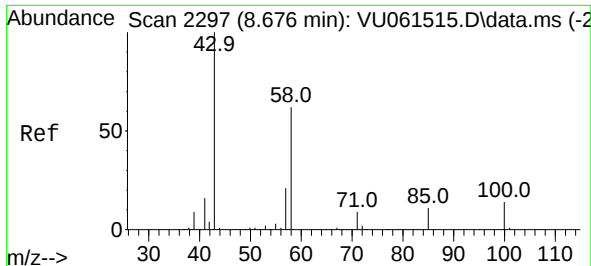
164 100

129 99.2 69.9 129.7

131 92.3 68.3 126.8

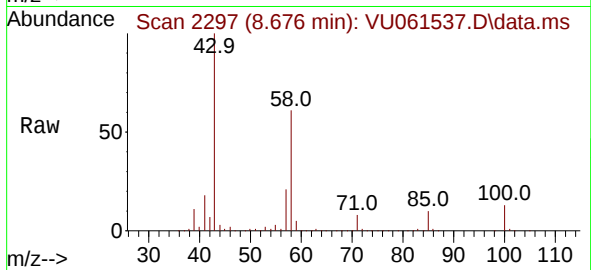
166 124.0 88.8 165.0





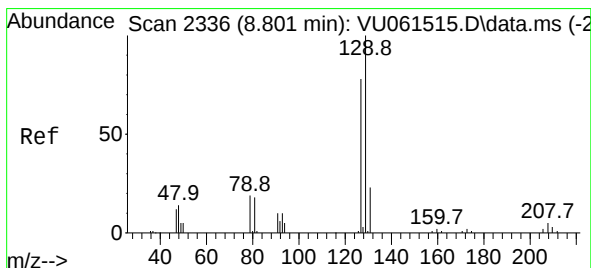
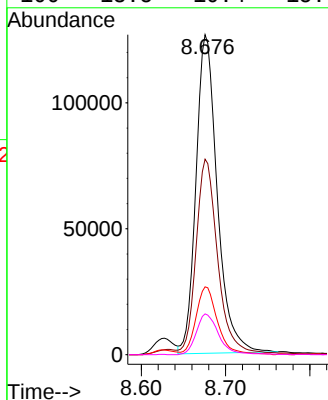
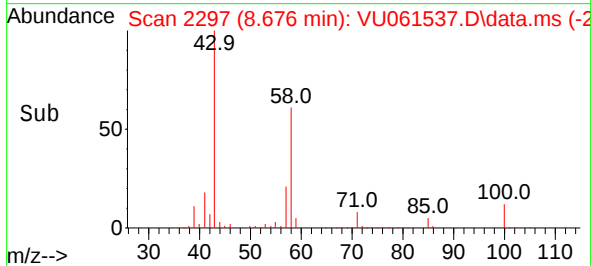
#48
2-Hexanone
Concen: 49.900 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VU061537.D
Acq: 08 Nov 2024 09:34

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 222862

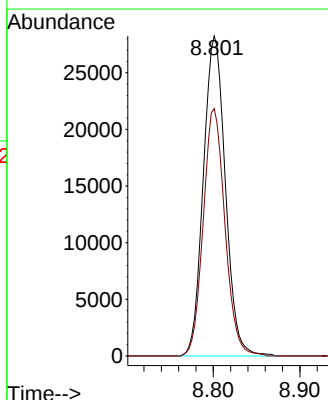
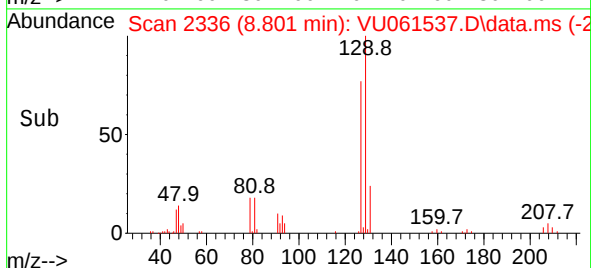
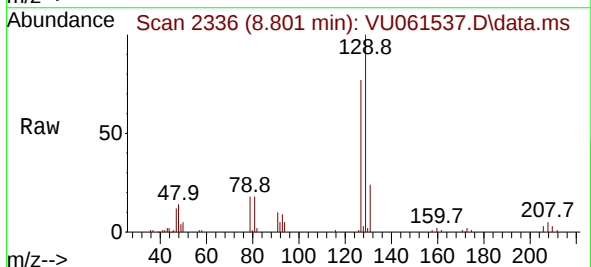
Ion	Ratio	Lower	Upper
43	100		
58	61.6	48.6	72.8
57	21.6	17.0	25.6
100	13.5	10.4	15.6

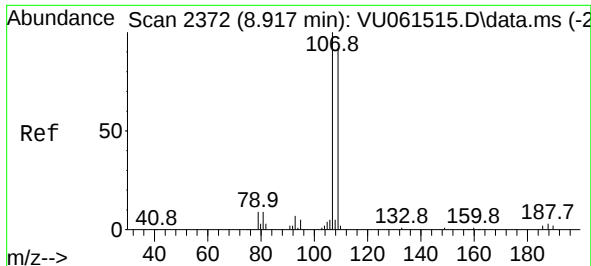


#49
Dibromochloromethane
Concen: 4.814 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061537.D
Acq: 08 Nov 2024 09:34

Tgt Ion: 129 Resp: 49867

Ion	Ratio	Lower	Upper
129	100		
127	77.3	51.8	96.2

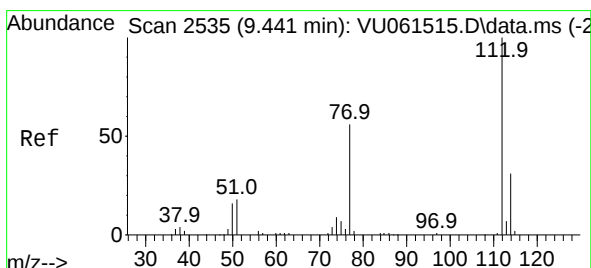
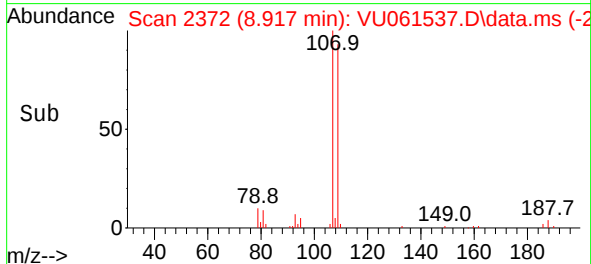
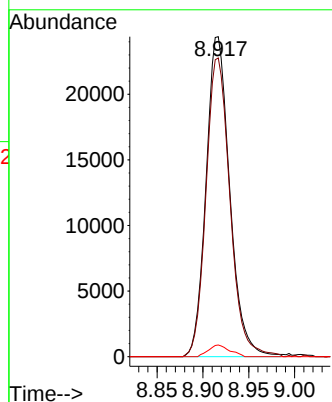
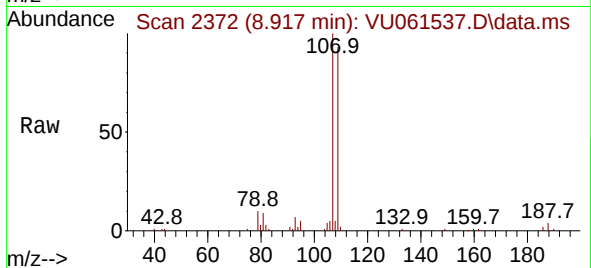




#50
1,2-Dibromoethane
Concen: 4.948 ug/L
RT: 8.917 min Scan# 24
Delta R.T. 0.000 min
Lab File: VU061537.D
Acq: 08 Nov 2024 09:34

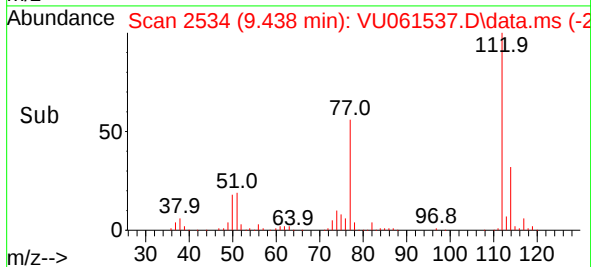
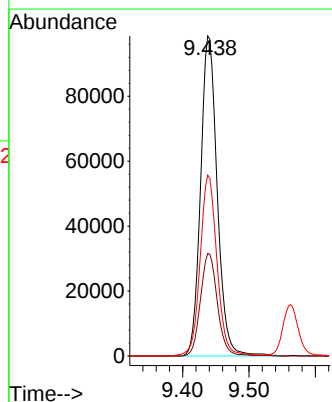
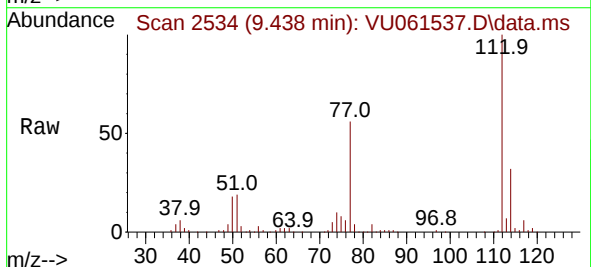
Instrument :
MSVOA_U
ClientSampleId :

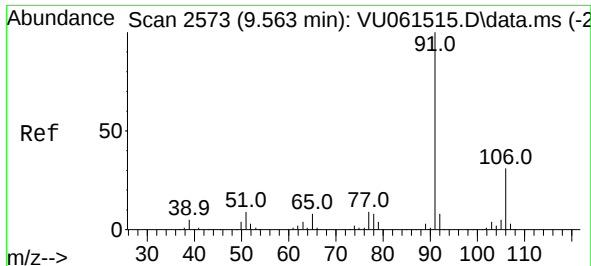
Tgt Ion:	107	Resp:	43902
Ion	Ratio	Lower	Upper
107	100		
109	93.4	63.4	117.8
188	3.6	2.6	3.8



#51
Chlorobenzene
Concen: 4.997 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU061537.D
Acq: 08 Nov 2024 09:34

Tgt Ion:	112	Resp:	171723
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.9	42.5
77	56.5	47.1	70.7





#52

Ethylbenzene

Concen: 4.863 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU061537.D

Acq: 08 Nov 2024 09:34

Instrument :

MSVOA_U

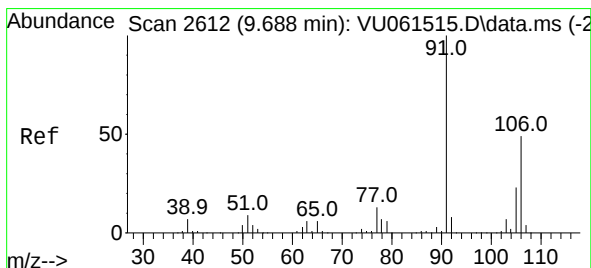
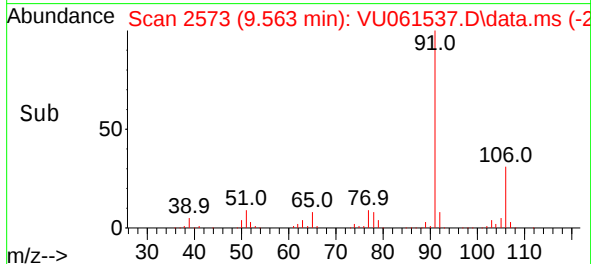
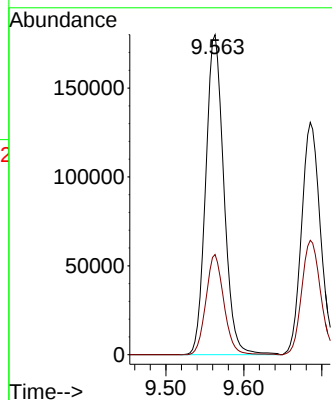
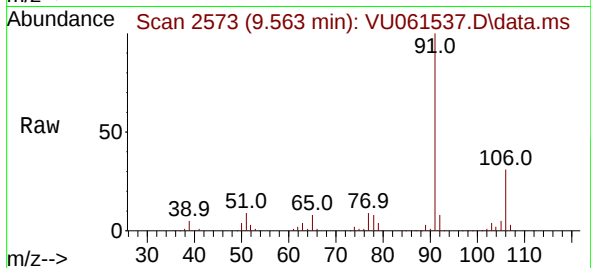
ClientSampleId :

Tgt Ion: 91 Resp: 290825

Ion Ratio Lower Upper

91 100

106 31.3 22.0 41.0



#53

m,p-Xylene

Concen: 4.837 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. -0.003 min

Lab File: VU061537.D

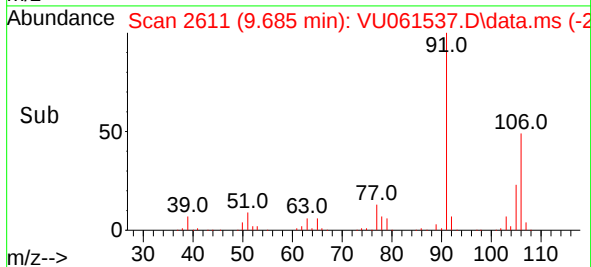
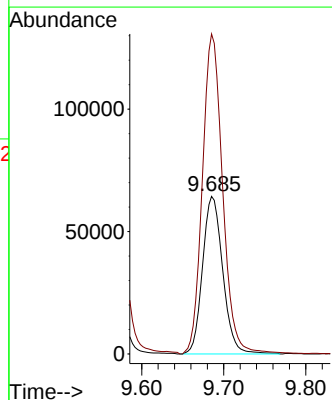
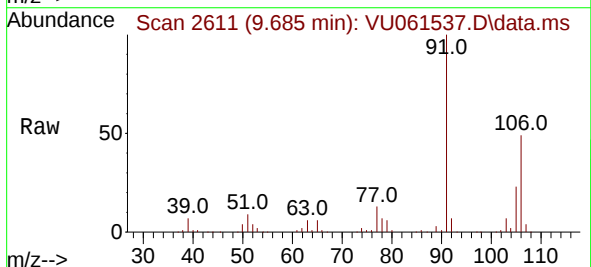
Acq: 08 Nov 2024 09:34

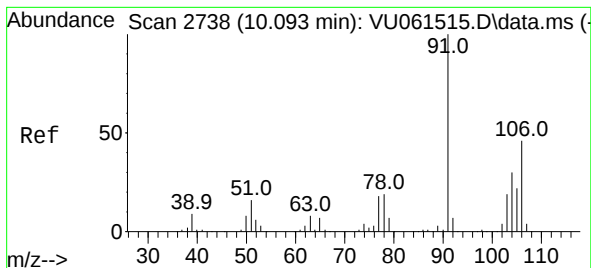
Tgt Ion:106 Resp: 110192

Ion Ratio Lower Upper

106 100

91 203.0 145.7 270.7





#54

o-Xylene

Concen: 4.789 ug/L

RT: 10.093 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU061537.D

Acq: 08 Nov 2024 09:34

Instrument :

MSVOA_U

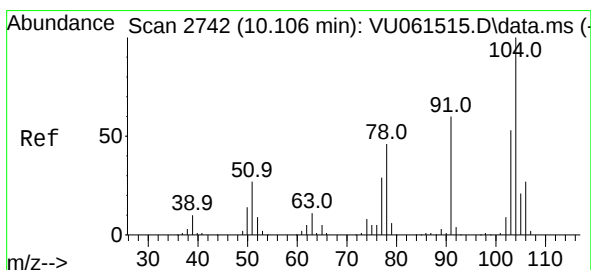
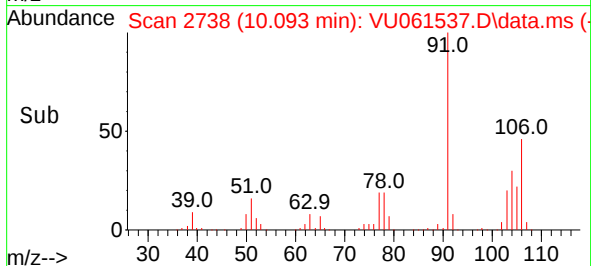
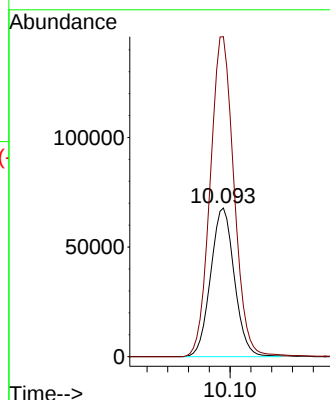
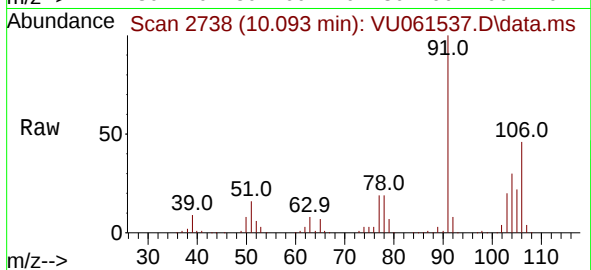
ClientSampleId :

Tgt Ion:106 Resp: 107671

Ion Ratio Lower Upper

106 100

91 215.3 148.8 276.4



#55

Styrene

Concen: 4.879 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU061537.D

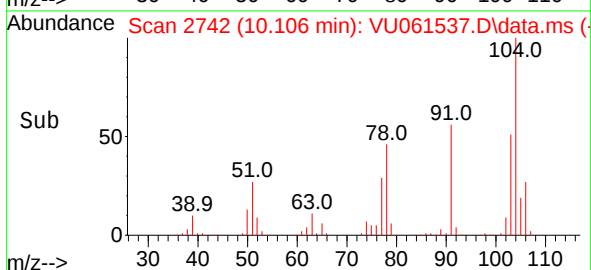
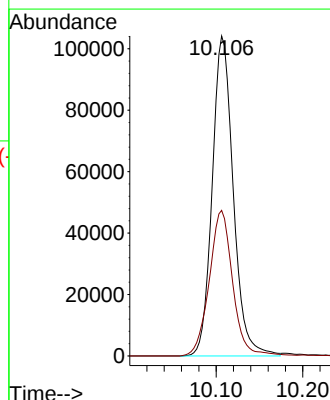
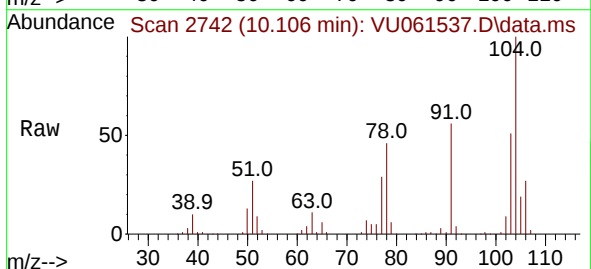
Acq: 08 Nov 2024 09:34

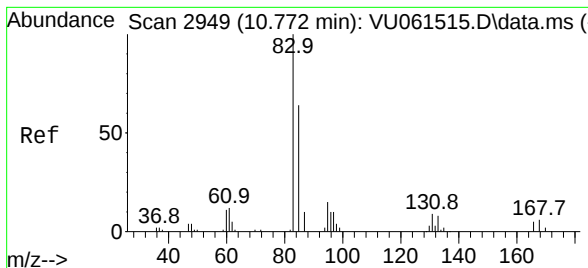
Tgt Ion:104 Resp: 175880

Ion Ratio Lower Upper

104 100

78 45.5 32.3 59.9

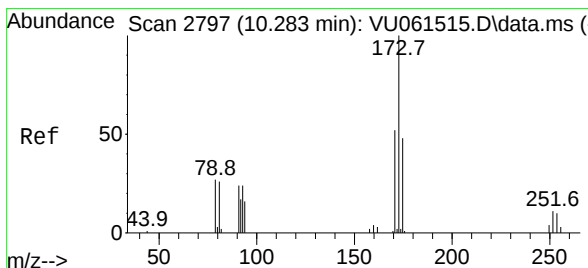
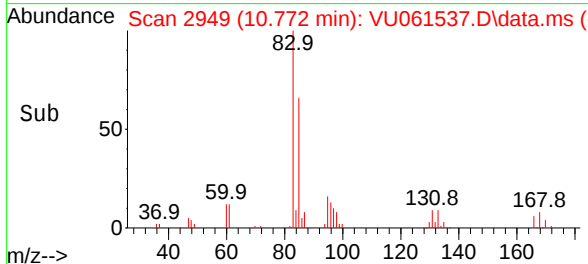
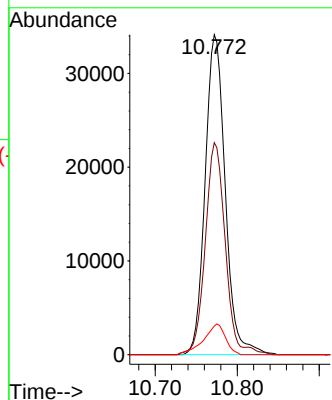
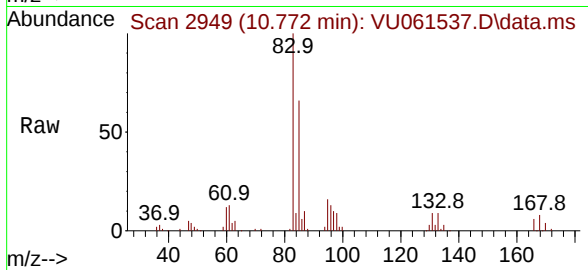




#57
1,1,2,2-Tetrachloroethane
Concen: 5.279 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU061537.D
Acq: 08 Nov 2024 09:34

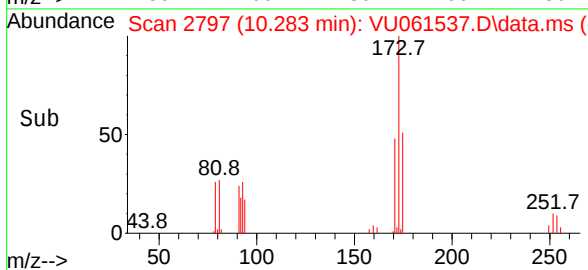
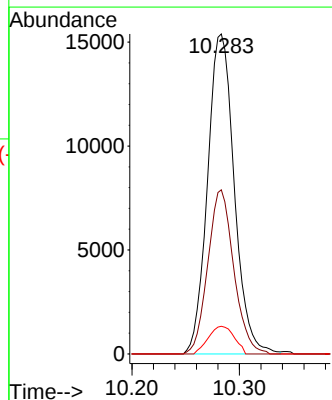
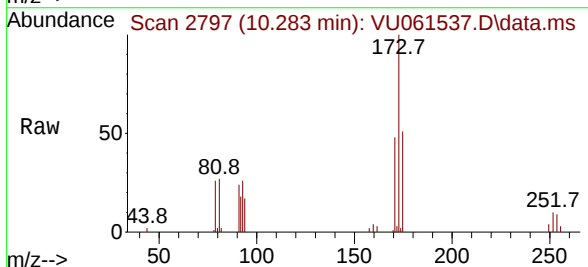
Instrument :
MSVOA_U
ClientSampleId :

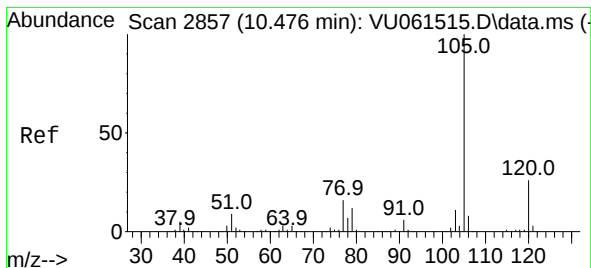
Tgt Ion: 83 Resp: 58090
Ion Ratio Lower Upper
83 100
85 66.3 45.3 84.1
131 8.9 7.6 11.4



#59
Bromoform
Concen: 4.484 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU061537.D
Acq: 08 Nov 2024 09:34

Tgt Ion:173 Resp: 26596
Ion Ratio Lower Upper
173 100
175 49.7 39.0 58.4
254 8.4 6.8 10.2





#60

Isopropylbenzene

Concen: 4.691 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061537.D

Acq: 08 Nov 2024 09:34

Instrument :

MSVOA_U

ClientSampleId :

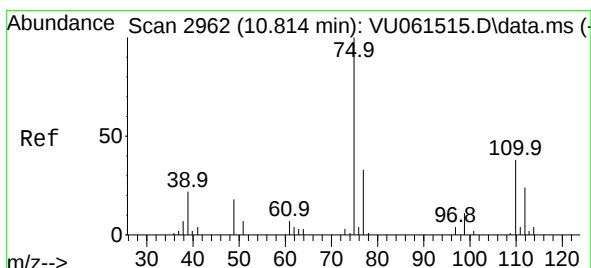
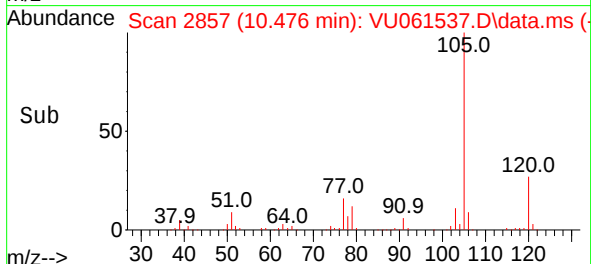
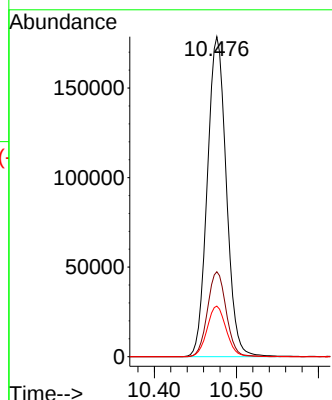
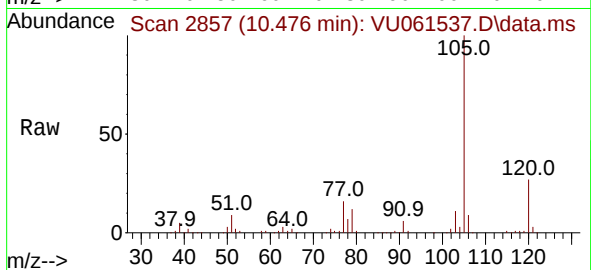
Tgt Ion:105 Resp: 287164

Ion Ratio Lower Upper

105 100

120 26.1 21.2 31.8

77 16.0 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 4.913 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU061537.D

Acq: 08 Nov 2024 09:34

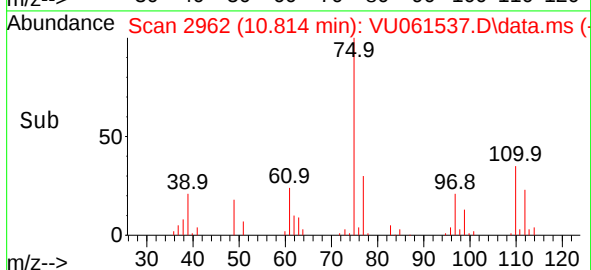
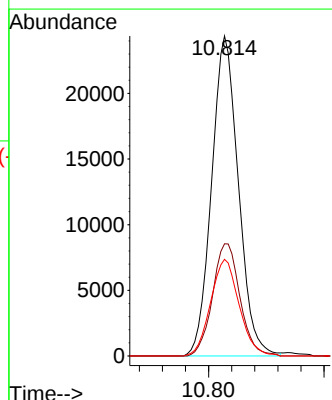
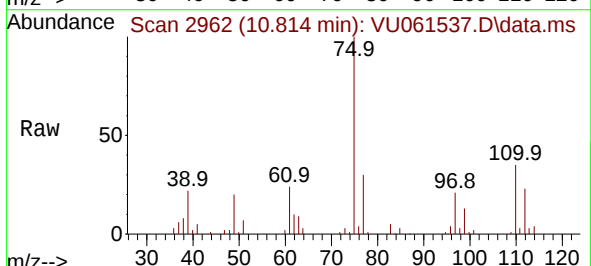
Tgt Ion: 75 Resp: 39221

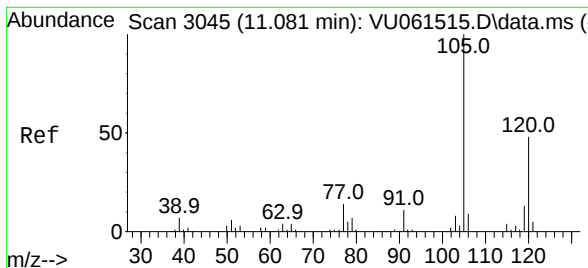
Ion Ratio Lower Upper

75 100

110 35.9 28.8 43.2

77 32.2 25.7 38.5





#62

1,3,5-Trimethylbenzene

Concen: 4.549 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU061537.D

Acq: 08 Nov 2024 09:34

Instrument :

MSVOA_U

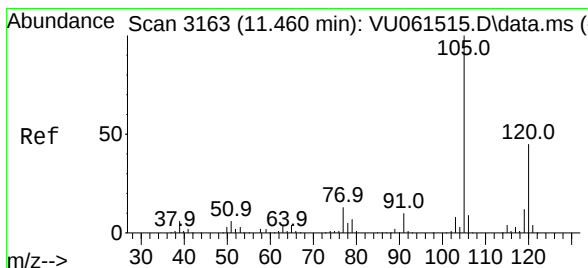
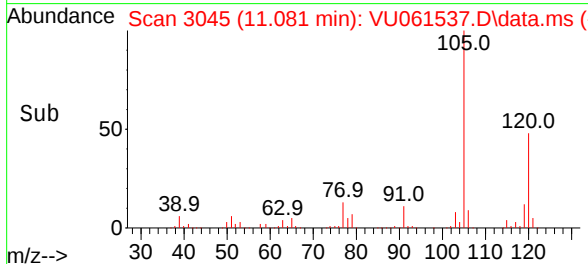
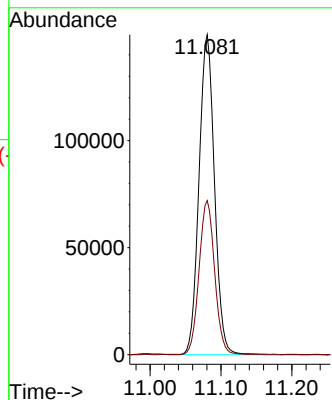
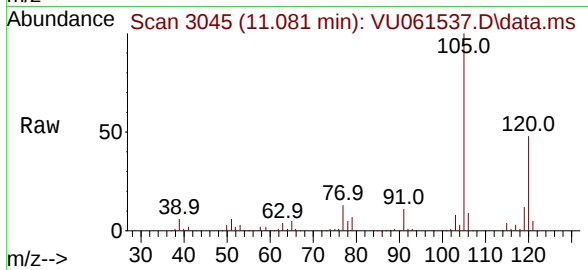
ClientSampleId :

Tgt Ion:105 Resp: 226680

Ion Ratio Lower Upper

105 100

120 48.5 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.567 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU061537.D

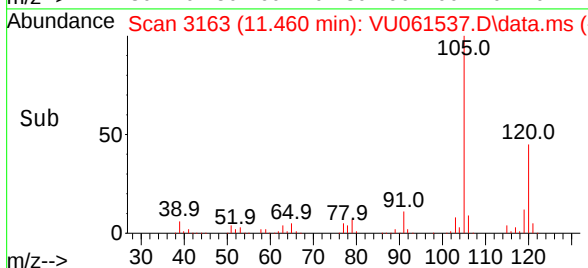
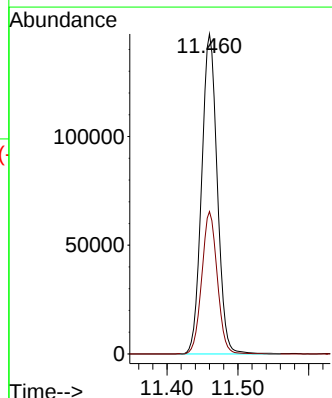
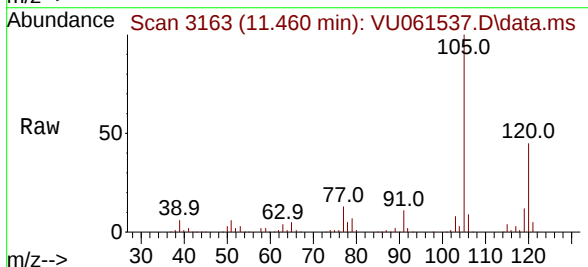
Acq: 08 Nov 2024 09:34

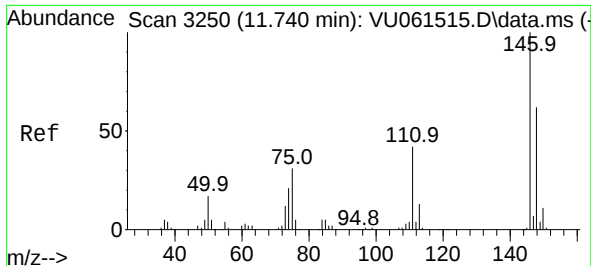
Tgt Ion:105 Resp: 225001

Ion Ratio Lower Upper

105 100

120 44.0 35.4 53.0

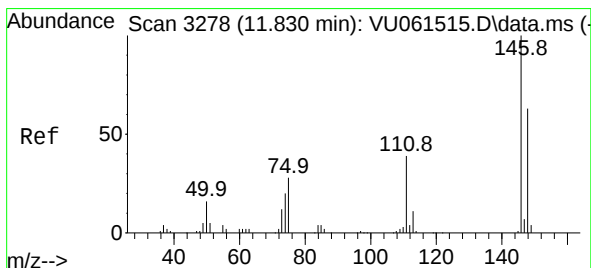
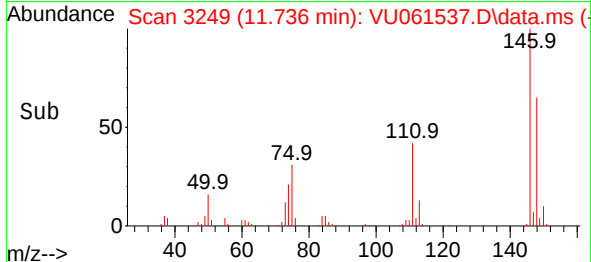
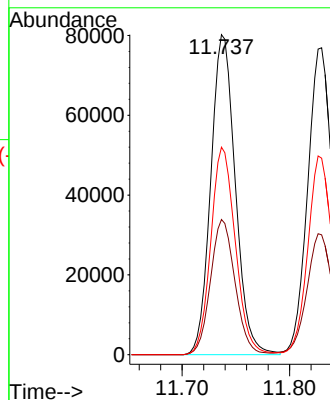
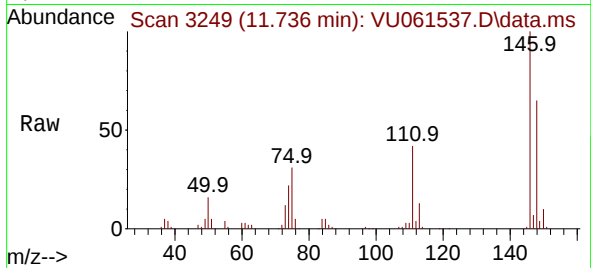




#64
1,3-Dichlorobenzene
Concen: 4.934 ug/L
RT: 11.736 min Scan# 3250
Delta R.T. -0.003 min
Lab File: VU061537.D
Acq: 08 Nov 2024 09:34

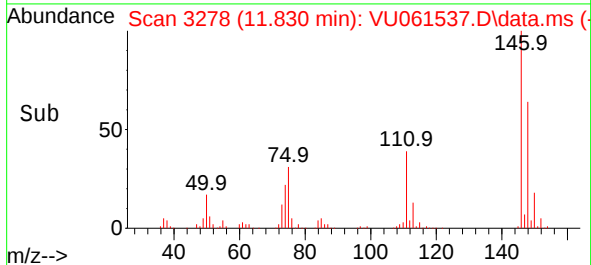
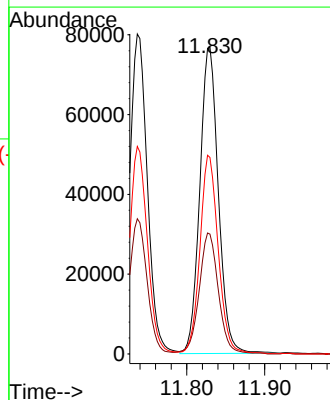
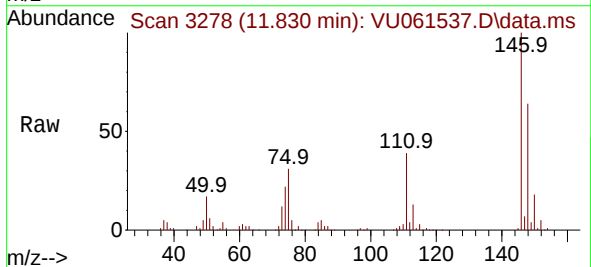
Instrument :
MSVOA_U
ClientSampleId :

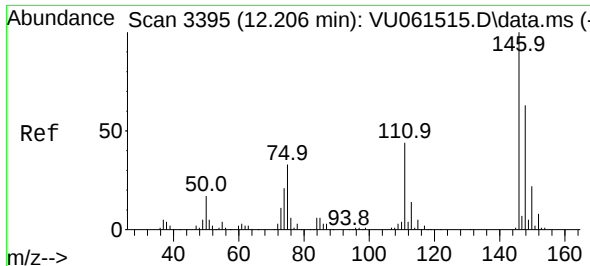
Tgt Ion:146 Resp: 127119
Ion Ratio Lower Upper
146 100
111 42.2 30.0 55.8
148 64.9 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 4.836 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU061537.D
Acq: 08 Nov 2024 09:34

Tgt Ion:146 Resp: 127012
Ion Ratio Lower Upper
146 100
111 39.1 28.2 52.4
148 64.0 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 4.850 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.003 min

Lab File: VU061537.D

Acq: 08 Nov 2024 09:34

Instrument :

MSVOA_U

ClientSampleId :

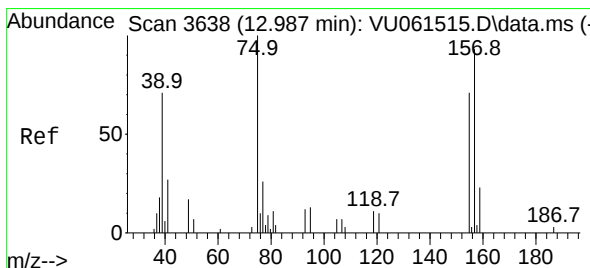
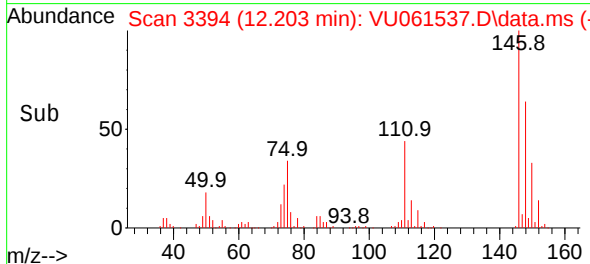
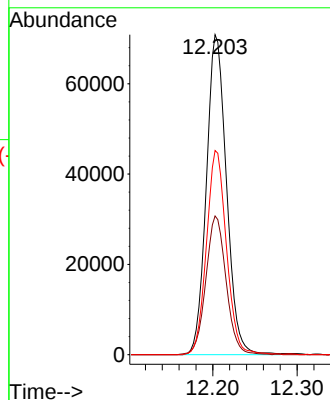
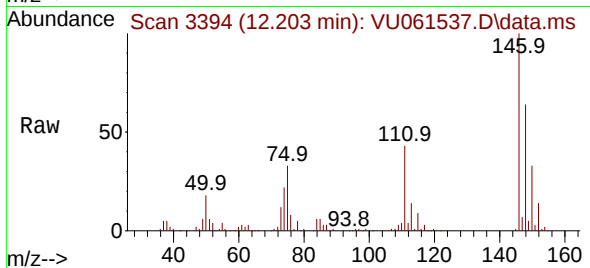
Tgt Ion:146 Resp: 117613

Ion Ratio Lower Upper

146 100

111 43.3 35.2 52.8

148 63.8 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.194 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU061537.D

Acq: 08 Nov 2024 09:34

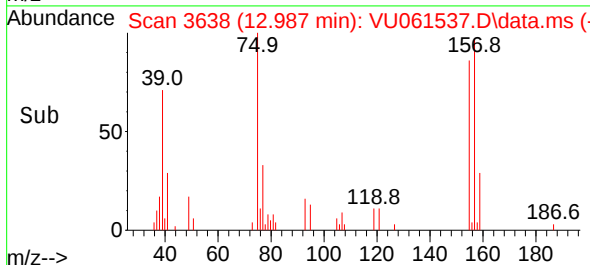
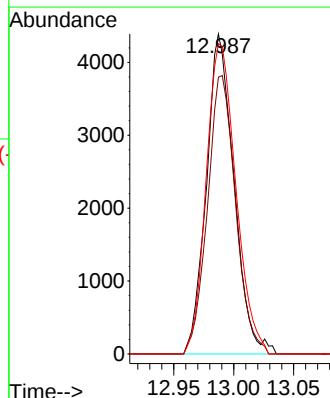
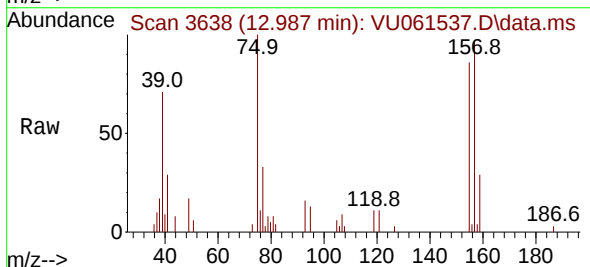
Tgt Ion: 75 Resp: 7030

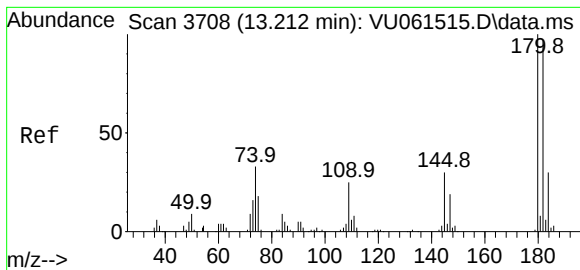
Ion Ratio Lower Upper

75 100

155 86.5 69.3 103.9

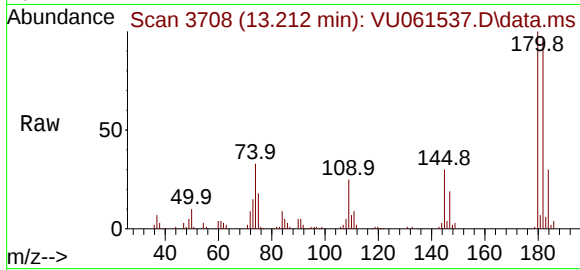
157 96.9 81.4 122.2



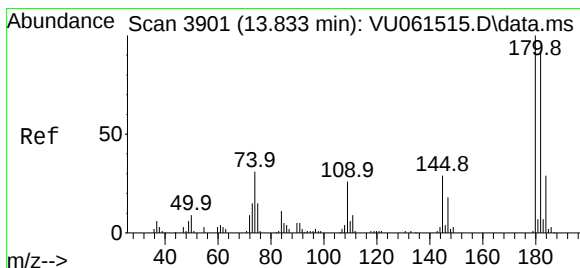
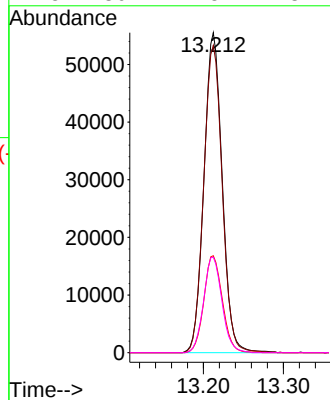
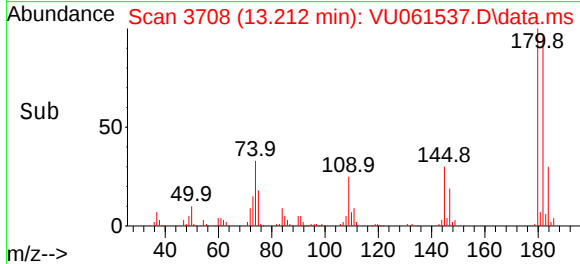


#69
 1,3,5-Trichlorobenzene
 Concen: 4.994 ug/L
 RT: 13.212 min Scan# 3708
 Delta R.T. 0.000 min
 Lab File: VU061537.D
 Acq: 08 Nov 2024 09:34

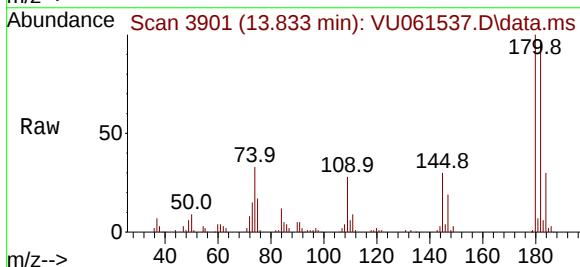
Instrument :
 MSVOA_U
 ClientSampleId :



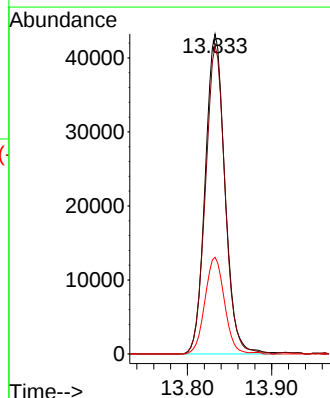
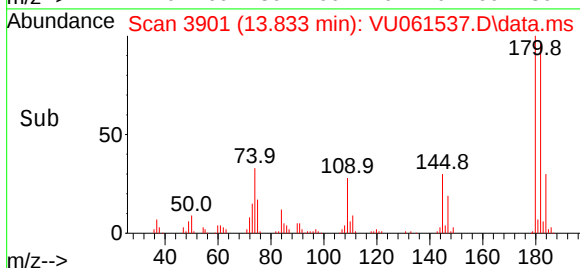
Tgt Ion:180 Resp: 88200
 Ion Ratio Lower Upper
 180 100
 182 97.6 77.4 116.2
 184 30.7 24.4 36.6
 145 30.1 25.2 37.8

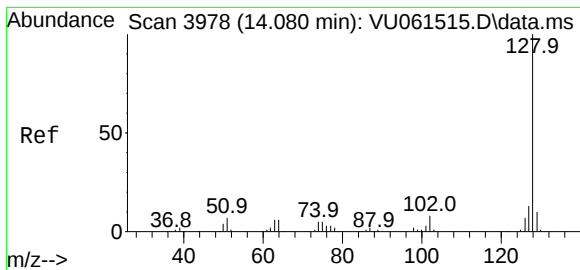


#70
 1,2,4-trichlorobenzene
 Concen: 4.931 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. 0.000 min
 Lab File: VU061537.D
 Acq: 08 Nov 2024 09:34



Tgt Ion:180 Resp: 70281
 Ion Ratio Lower Upper
 180 100
 182 95.9 77.2 115.8
 145 29.9 25.6 38.4

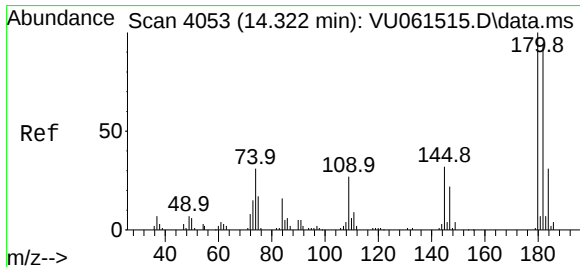
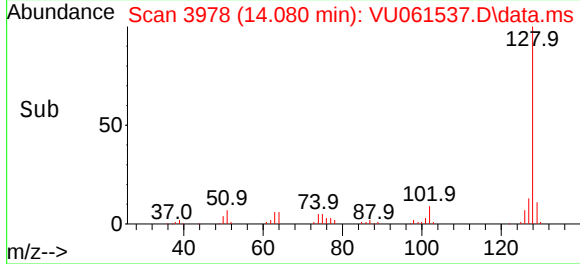
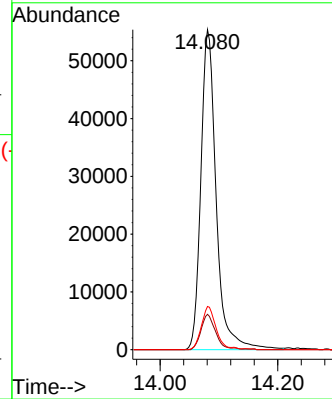
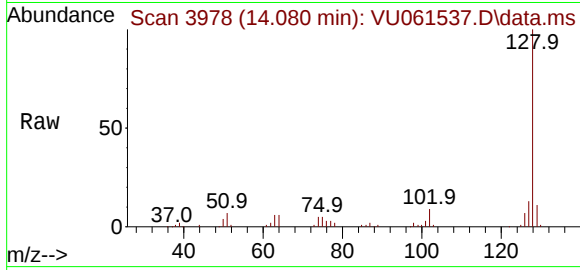




#71
Naphthalene
Concen: 4.452 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU061537.D
Acq: 08 Nov 2024 09:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 100123
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.4
127 12.7 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 4.923 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU061537.D
Acq: 08 Nov 2024 09:34

Tgt Ion:180 Resp: 58704
Ion Ratio Lower Upper
180 100
182 95.8 76.0 114.0
145 31.8 26.5 39.7

