

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110824\
 Data File : VU061577.D
 Acq On : 09 Nov 2024 04:13
 Operator : MD/SY
 Sample : P4748-20MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 11 00:13:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 09 01:40:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	178800	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	168343	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	81978	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	40443	3.330	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.600%
7) Chloroethane-d5	1.907	69	36748	3.300	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.000%
11) 1,1-Dichloroethene-d2	2.560	65	20288	3.904	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	4.647	46	94782	38.436	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.880%
24) Chloroform-d	5.052	84	100819	4.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.692	65	48610	4.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
32) Benzene-d6	5.718	84	198188	4.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.679	67	60999	4.277	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.891	98	184390	4.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.174	79	18990	3.262	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.200%
46) 2-Hexanone-d5	8.627	63	98948	41.501	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.000%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	47975	4.449	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	63423	4.369	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	50156	4.208	ug/L	98
3) Chloromethane	1.518	50	46860	3.728	ug/L	99
5) Vinyl chloride	1.599	62	54183	3.920	ug/L	98
6) Bromomethane	1.853	94	33449	3.652	ug/L	95
8) Chloroethane	1.930	64	35066	3.446	ug/L	97
9) Trichlorofluoromethane	2.133	101	85501	4.555	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	52261	4.689	ug/L	97
12) 1,1-Dichloroethene	2.573	96	48541	4.592	ug/L	89
13) Acetone	2.673	43	377292	241.562	ug/L	91
14) Carbon disulfide	2.785	76	120630	3.420	ug/L	100
15) Methyl Acetate	2.965	43	10288	2.660	ug/L	90
16) Methylene chloride	3.036	84	55973	4.493	ug/L	98
17) Methyl tert-butyl Ether	3.358	73	123321	4.304	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	51721	4.425	ug/L	92
19) 1,1-Dichloroethane	3.859	63	100084	4.540	ug/L	99
21) 2-Butanone	4.724	43	100101	40.427	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	62472	4.679	ug/L	93
23) Bromochloromethane	4.968	128	26045	4.636	ug/L	95
25) Chloroform	5.078	83	107601	4.642	ug/L	99

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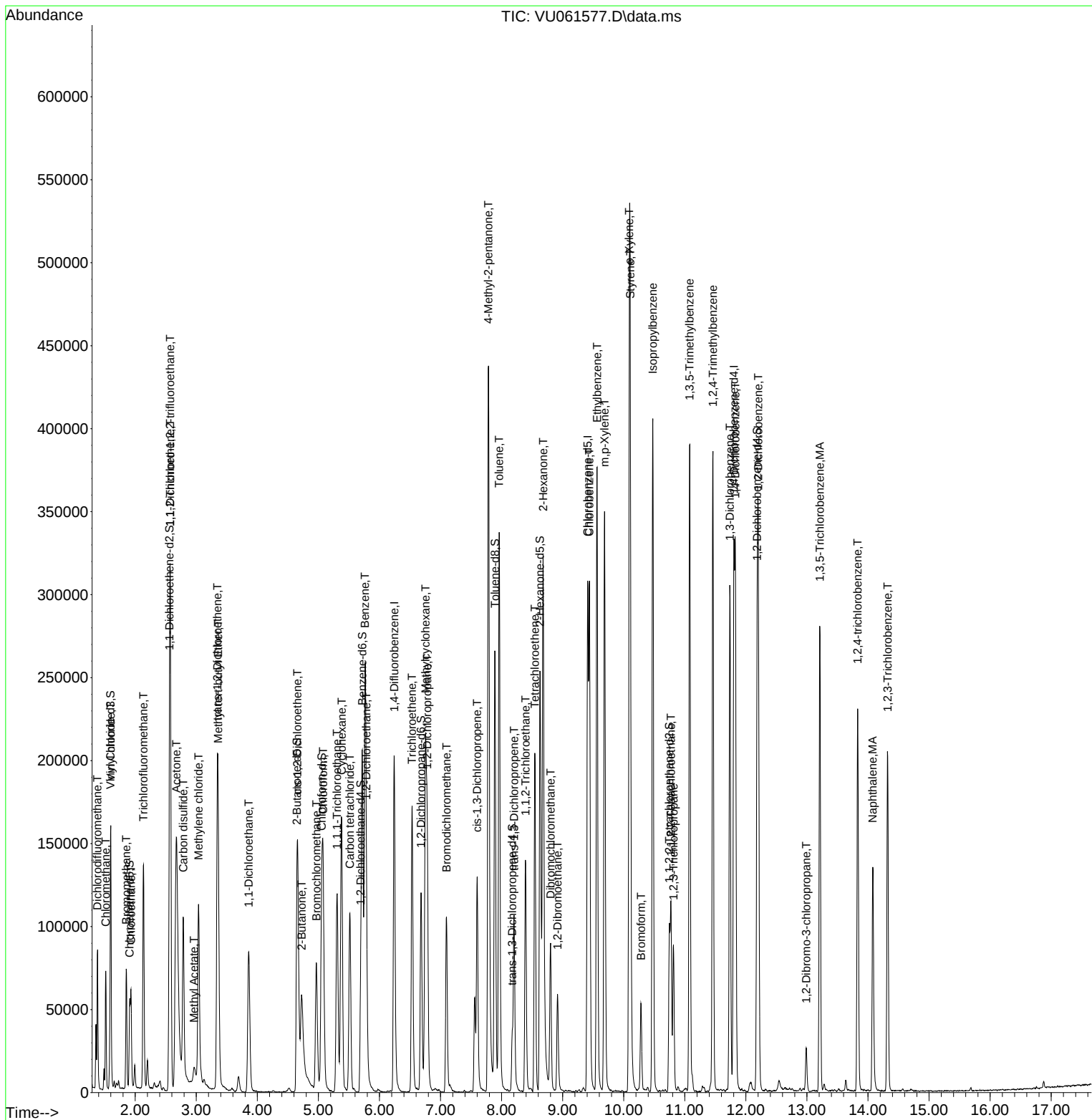
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 ClientSampleId :

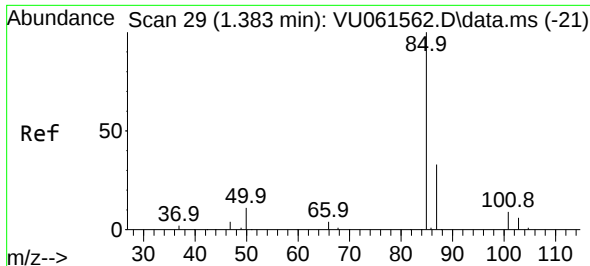
Quant Time: Nov 11 00:13:18 2024
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	65846	4.495	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	88433	4.290	ug/L	99
30) Cyclohexane	5.380	56	82137	3.972	ug/L	98
31) Carbon tetrachloride	5.515	117	75215	4.264	ug/L	99
33) Benzene	5.763	78	239498	4.600	ug/L	100
34) Trichloroethene	6.531	95	61330	4.331	ug/L	97
35) Methylcyclohexane	6.753	83	86629	3.843	ug/L	98
37) 1,2-Dichloropropane	6.782	63	60127	4.556	ug/L	98
38) Bromodichloromethane	7.097	83	70989	4.251	ug/L	93
39) cis-1,3-Dichloropropene	7.599	75	81102	3.979	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	302038	45.987	ug/L	100
42) Toluene	7.959	91	262211	4.638	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	62945	3.790	ug/L	100
45) 1,1,2-Trichloroethane	8.390	97	45248	4.765	ug/L	98
47) Tetrachloroethene	8.544	164	44900	4.539	ug/L	96
48) 2-Hexanone	8.679	43	213833	46.041	ug/L	98
49) Dibromochloromethane	8.801	129	45199	4.196	ug/L	99
50) 1,2-Dibromoethane	8.914	107	41097	4.454	ug/L	93
51) Chlorobenzene	9.438	112	164396	4.600	ug/L	98
52) Ethylbenzene	9.563	91	278645	4.481	ug/L	99
53) m,p-Xylene	9.685	106	105443	4.451	ug/L	97
54) o-Xylene	10.090	106	102903	4.401	ug/L	98
55) Styrene	10.107	104	172066	4.590	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	55392	4.840	ug/L	99
59) Bromoform	10.283	173	23780	3.919	ug/L	100
60) Isopropylbenzene	10.476	105	275414	4.398	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	37976	4.650	ug/L	98
62) 1,3,5-Trimethylbenzene	11.078	105	213818	4.194	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	215715	4.281	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	124495	4.723	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	122343	4.553	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	117338	4.730	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	6378	3.720	ug/L	91
69) 1,3,5-Trichlorobenzene	13.209	180	86043	4.762	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	70118	4.809	ug/L	99
71) Naphthalene	14.077	128	115198	5.007	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	61859	5.071	ug/L	99

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

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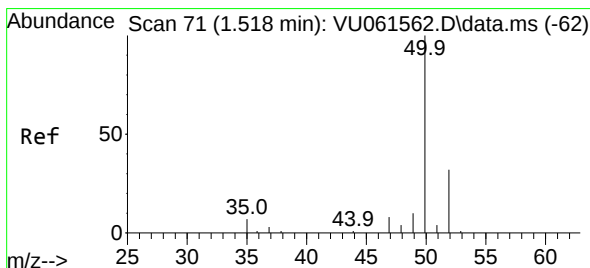
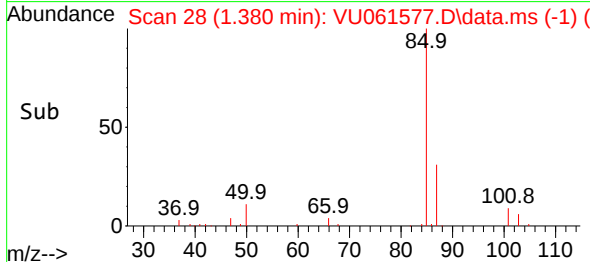
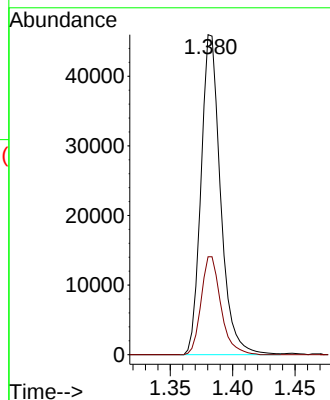
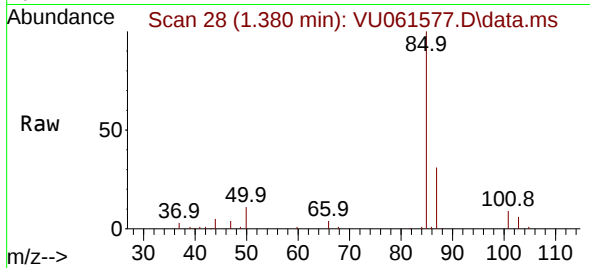




#2
Dichlorodifluoromethane
Concen: 4.208 ug/L
RT: 1.380 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

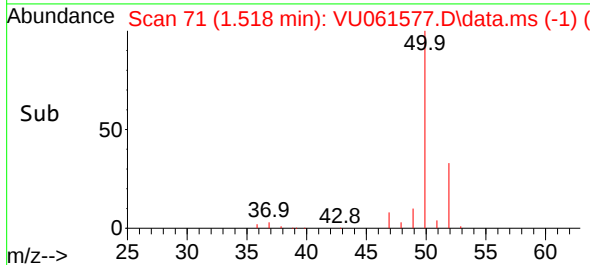
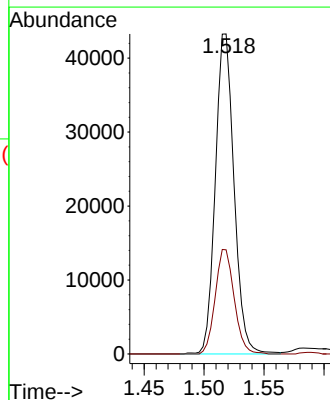
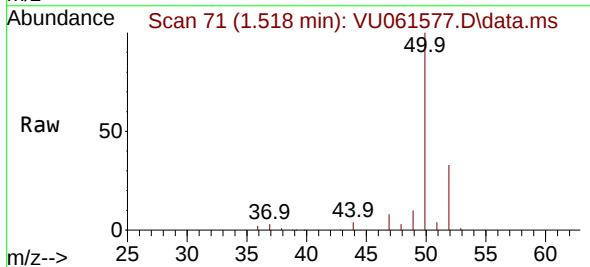
Instrument :
MSVOA_U
ClientSampleId :

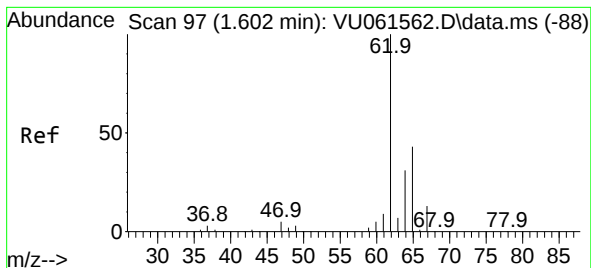
Tgt Ion: 85 Resp: 50156
Ion Ratio Lower Upper
85 100
87 31.0 25.7 38.5



#3
Chloromethane
Concen: 3.728 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

Tgt Ion: 50 Resp: 46860
Ion Ratio Lower Upper
50 100
52 32.5 23.4 43.4





#5

Vinyl chloride

Concen: 3.920 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU061577.D

Acq: 09 Nov 2024 04:13

Instrument :

MSVOA_U

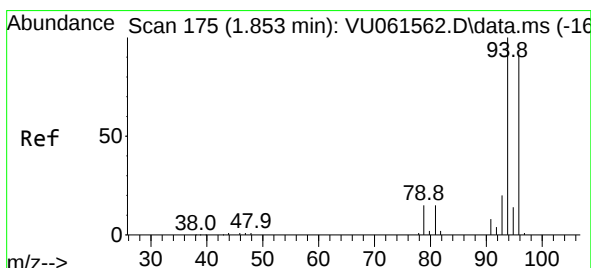
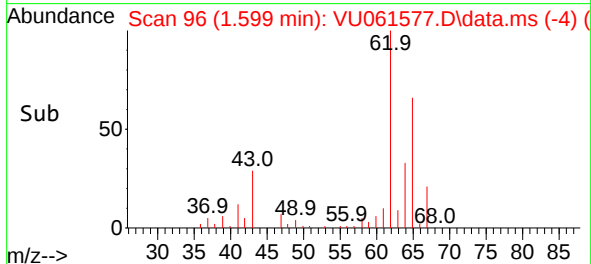
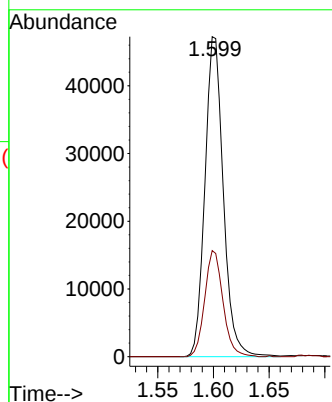
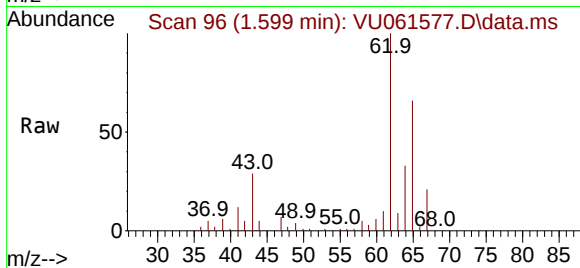
ClientSampleId :

Tgt Ion: 62 Resp: 54183

Ion Ratio Lower Upper

62 100

64 33.1 22.6 42.0



#6

Bromomethane

Concen: 3.652 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU061577.D

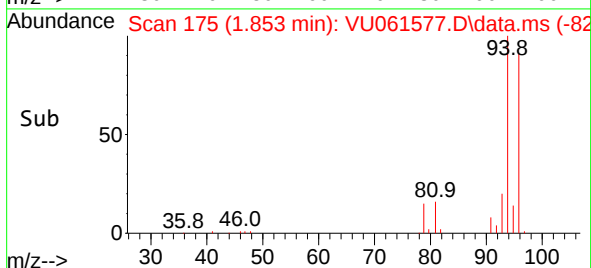
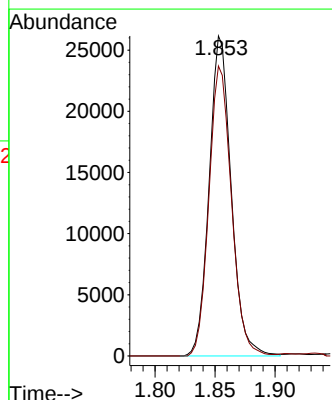
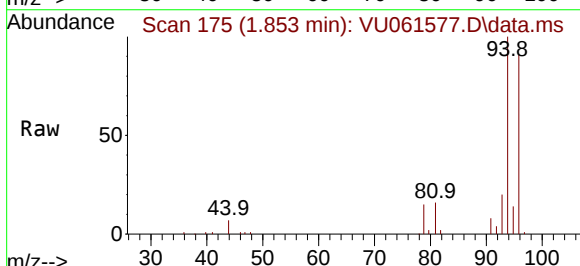
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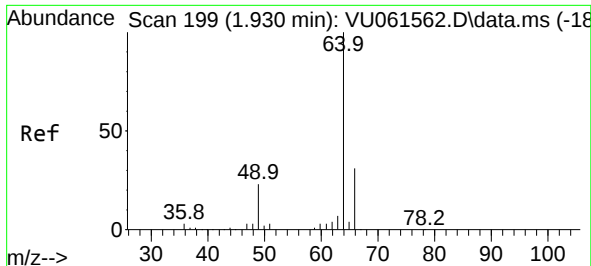
Tgt Ion: 94 Resp: 33449

Ion Ratio Lower Upper

94 100

96 90.6 66.9 124.3

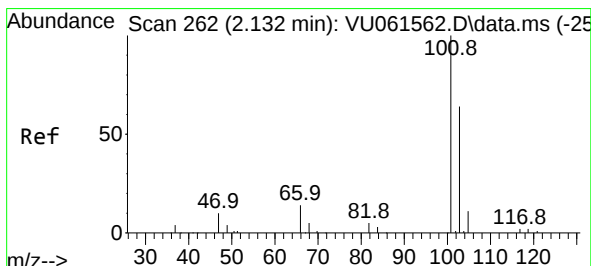
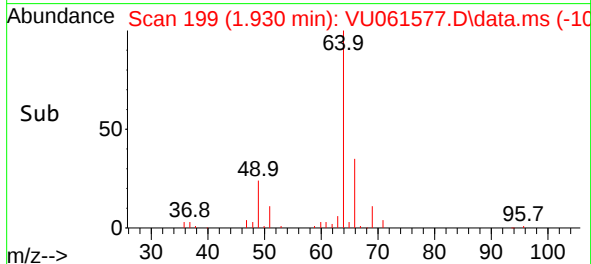
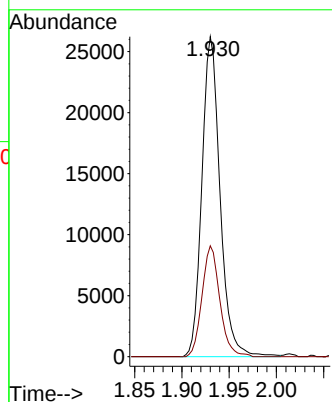
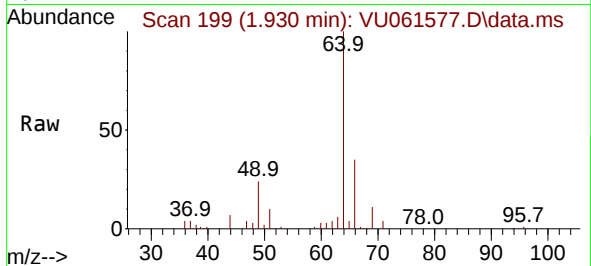




#8
Chloroethane
Concen: 3.446 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

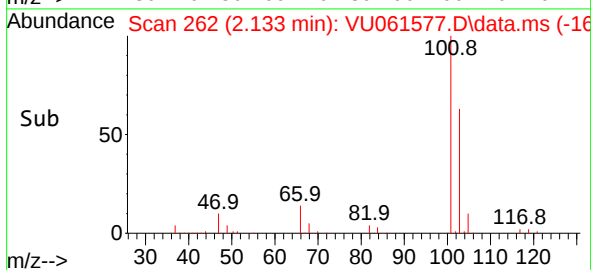
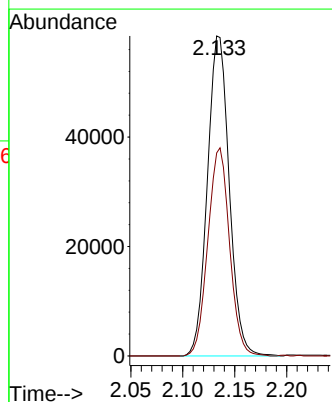
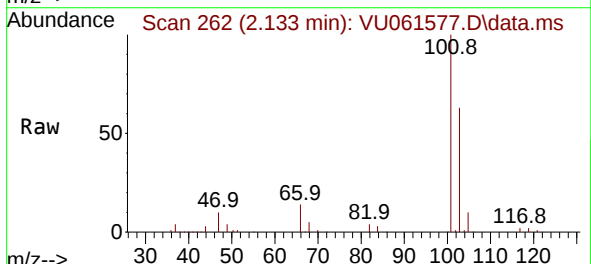
Instrument :
MSVOA_U
ClientSampleId :

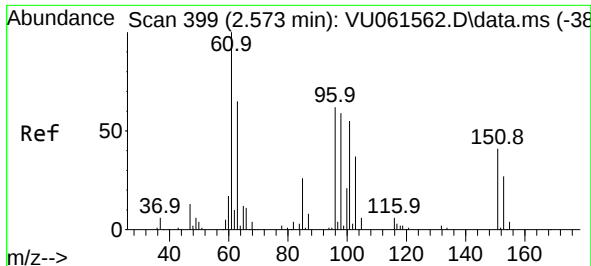
Tgt Ion: 64 Resp: 35066
Ion Ratio Lower Upper
64 100
66 34.6 23.1 42.9



#9
Trichlorofluoromethane
Concen: 4.555 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

Tgt Ion:101 Resp: 85501
Ion Ratio Lower Upper
101 100
103 64.5 50.6 75.8

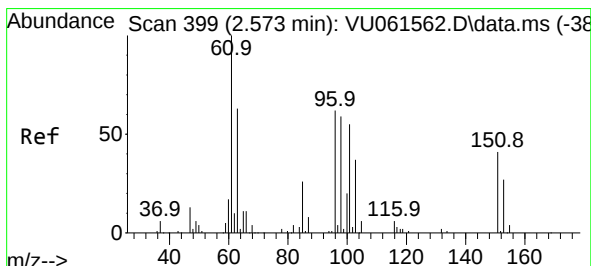
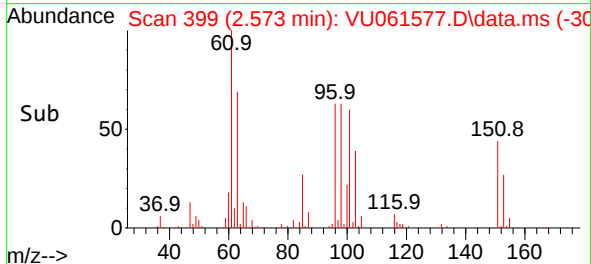
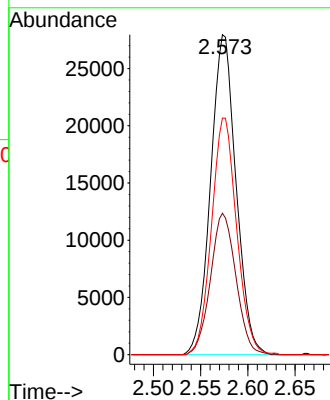
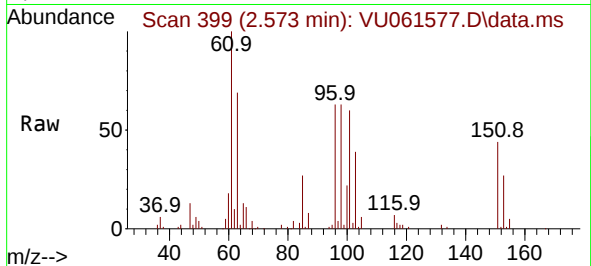




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.689 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061577.D
 Acq: 09 Nov 2024 04:13

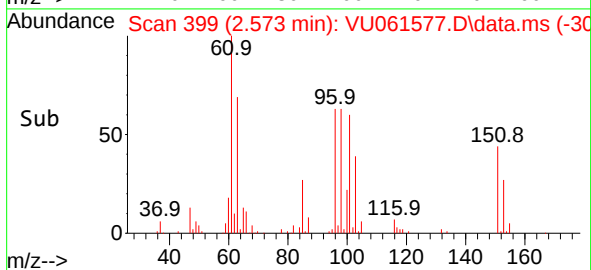
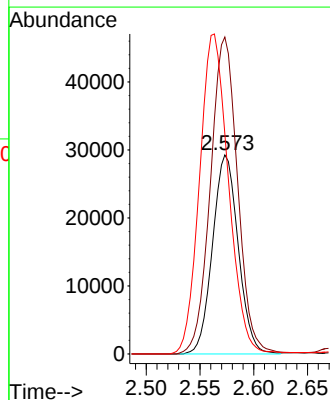
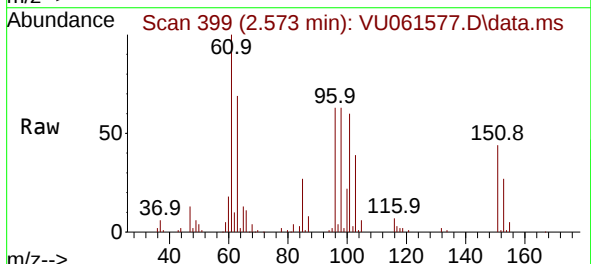
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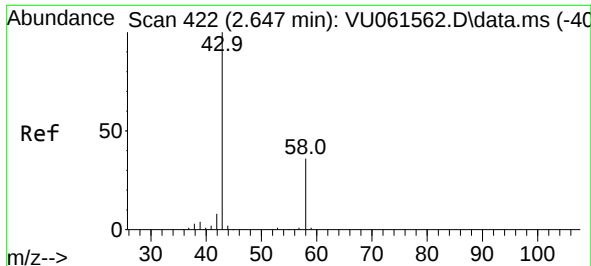
Tgt Ion:	101	Resp:	52261
Ion	Ratio	Lower	Upper
101	100		
85	44.2	35.6	53.4
151	73.3	55.9	83.9



#12
 1,1-Dichloroethene
 Concen: 4.592 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061577.D
 Acq: 09 Nov 2024 04:13

Tgt Ion:	96	Resp:	48541
Ion	Ratio	Lower	Upper
96	100		
61	159.3	119.1	221.1
63	110.7	89.4	166.0





#13

Acetone

Concen: 241.562 ug/L

RT: 2.673 min Scan# 41

Delta R.T. 0.026 min

Lab File: VU061577.D

Acq: 09 Nov 2024 04:13

Instrument :

MSVOA_U

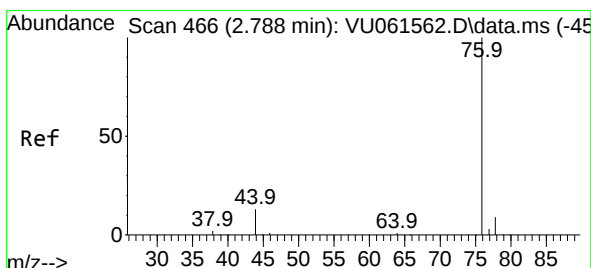
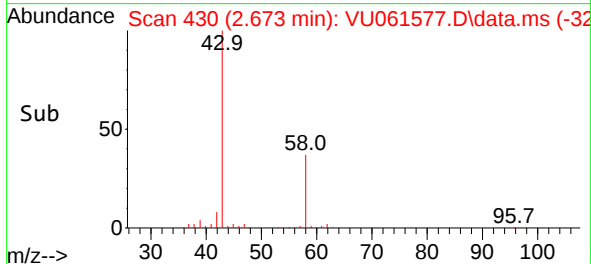
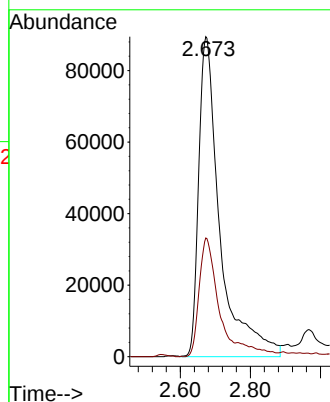
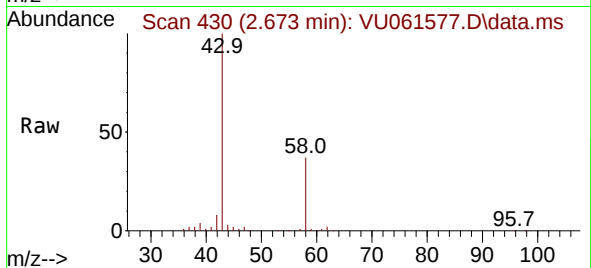
ClientSampleId :

Tgt Ion: 43 Resp: 377292

Ion Ratio Lower Upper

43 100

58 31.4 0.0 73.2



#14

Carbon disulfide

Concen: 3.420 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU061577.D

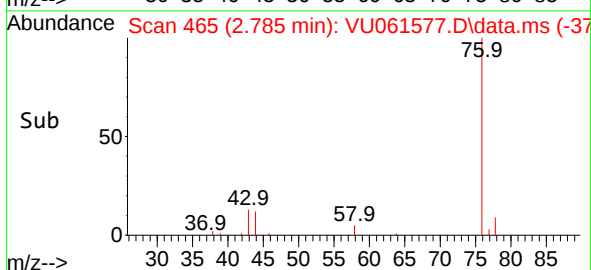
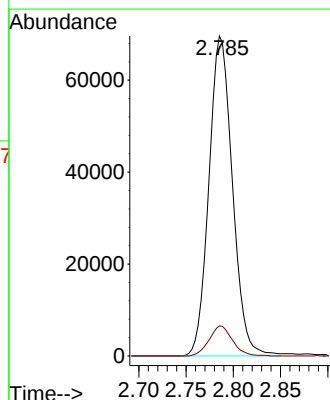
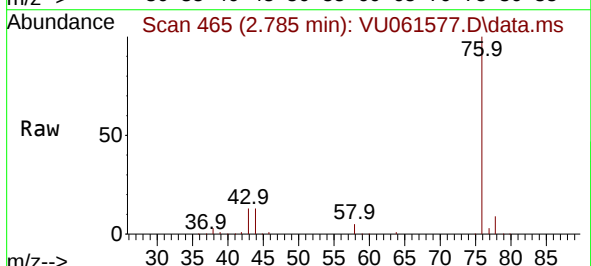
Acq: 09 Nov 2024 04:13

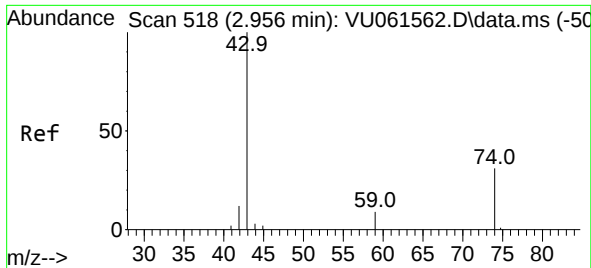
Tgt Ion: 76 Resp: 120630

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

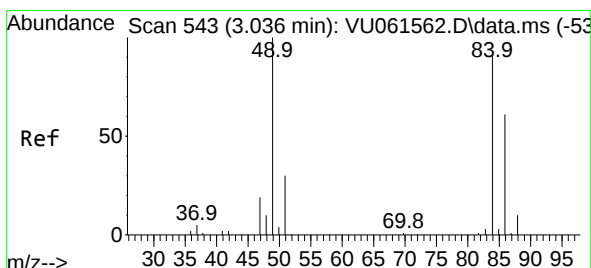
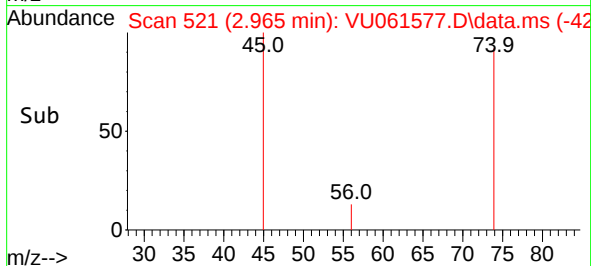
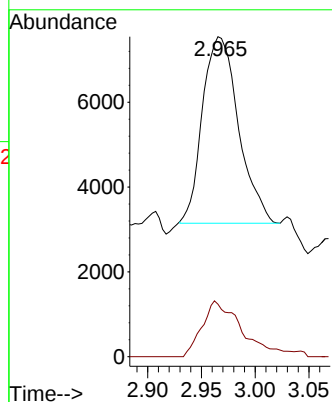
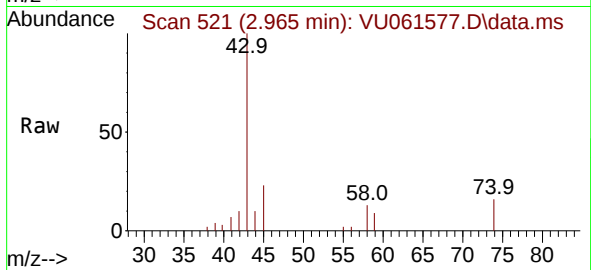




#15
Methyl Acetate
Concen: 2.660 ug/L
RT: 2.965 min Scan# 518
Delta R.T. 0.010 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

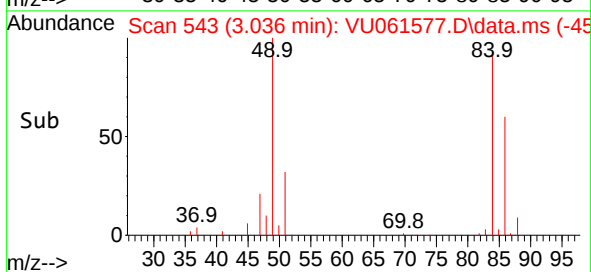
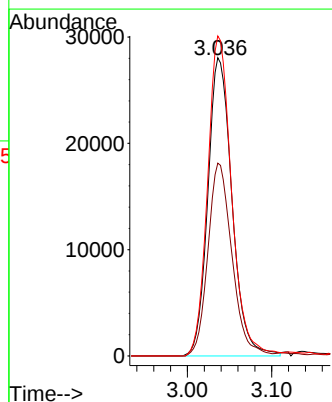
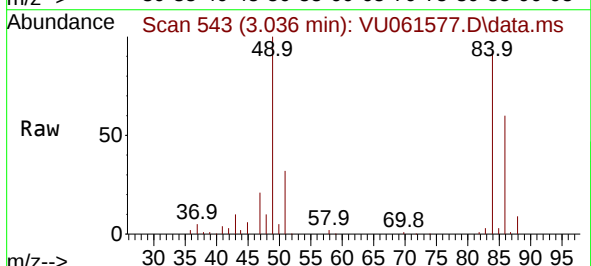
Instrument :
MSVOA_U
ClientSampleId :

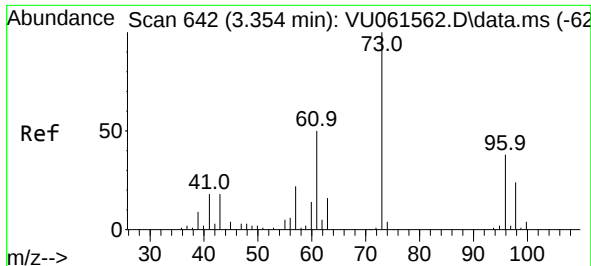
Tgt Ion: 43 Resp: 10288
Ion Ratio Lower Upper
43 100
74 33.1 22.2 33.4



#16
Methylene chloride
Concen: 4.493 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

Tgt Ion: 84 Resp: 55973
Ion Ratio Lower Upper
84 100
86 64.6 43.5 80.7
49 107.3 75.7 140.7

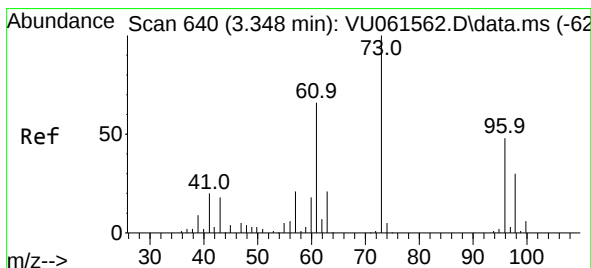
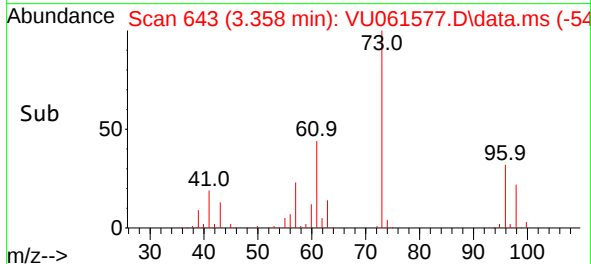
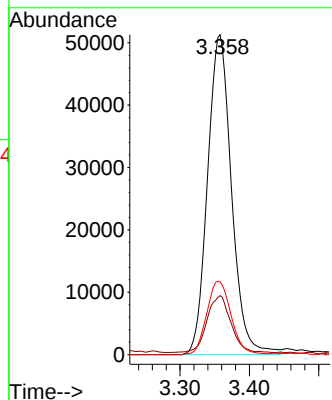
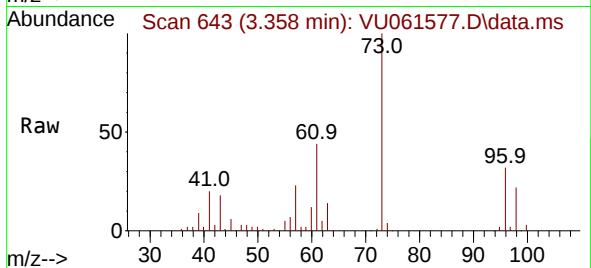




#17
Methyl tert-butyl Ether
Concen: 4.304 ug/L
RT: 3.358 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

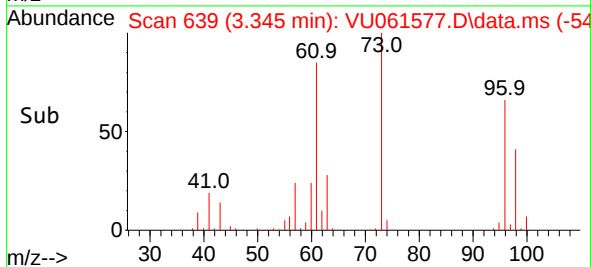
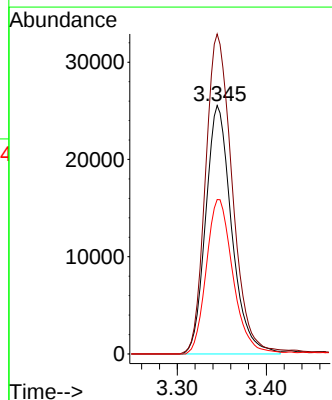
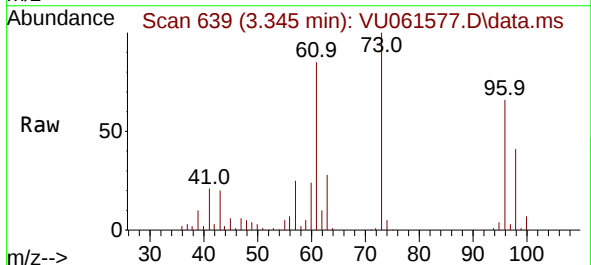
Instrument :
MSVOA_U
ClientSampleId :

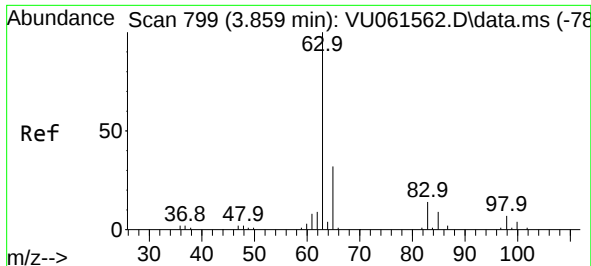
Tgt Ion: 73 Resp: 123321
Ion Ratio Lower Upper
73 100
43 17.4 15.0 22.4
57 23.3 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.425 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

Tgt Ion: 96 Resp: 51721
Ion Ratio Lower Upper
96 100
61 128.8 97.9 181.7
98 62.2 46.2 85.8

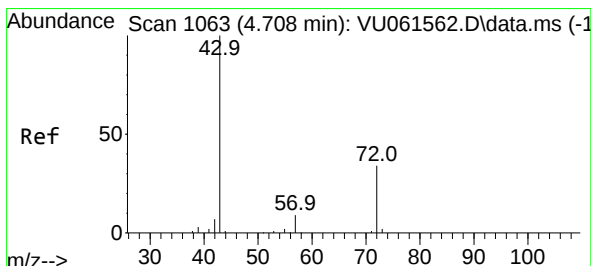
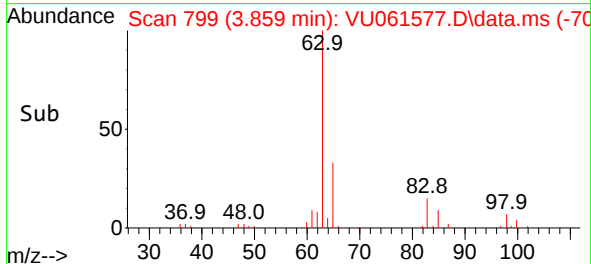
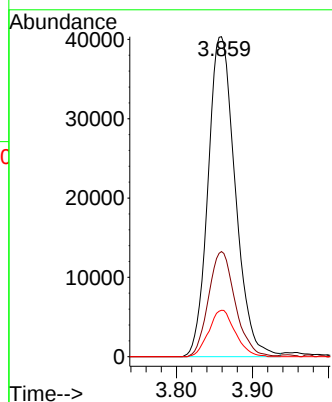
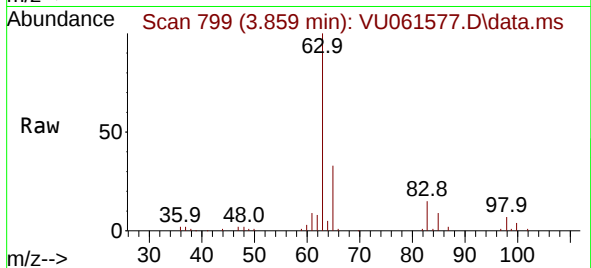




#19
1,1-Dichloroethane
Concen: 4.540 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

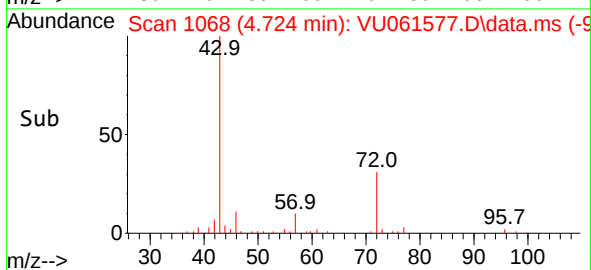
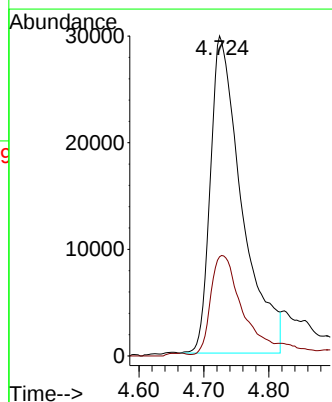
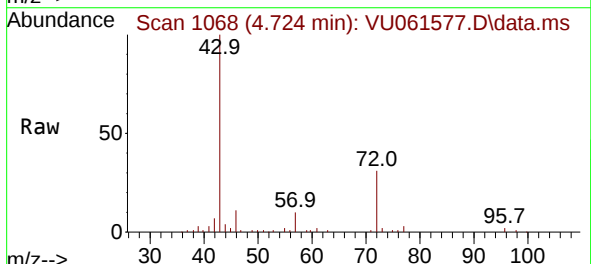
Instrument :
MSVOA_U
ClientSampleId :

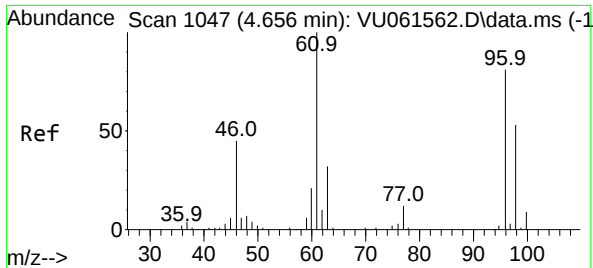
Tgt Ion: 63 Resp: 100084
Ion Ratio Lower Upper
63 100
65 32.8 23.0 42.6
83 14.5 9.7 17.9



#21
2-Butanone
Concen: 40.427 ug/L
RT: 4.724 min Scan# 1068
Delta R.T. 0.016 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

Tgt Ion: 43 Resp: 100101
Ion Ratio Lower Upper
43 100
72 30.9 15.9 47.6





#22

cis-1,2-Dichloroethene

Concen: 4.679 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU061577.D

Acq: 09 Nov 2024 04:13

Instrument :

MSVOA_U

ClientSampleId :

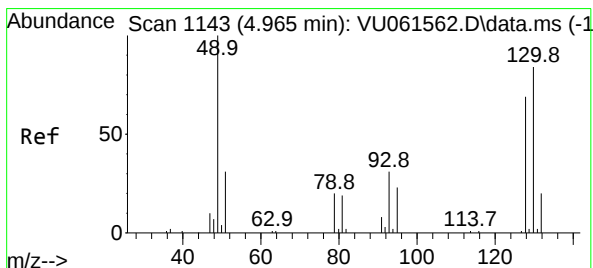
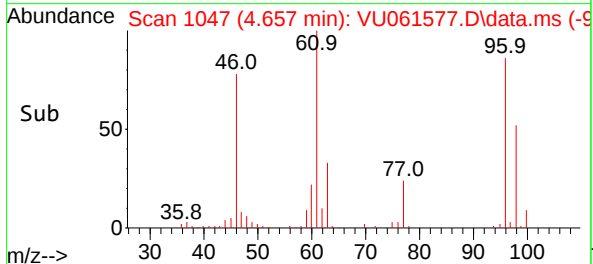
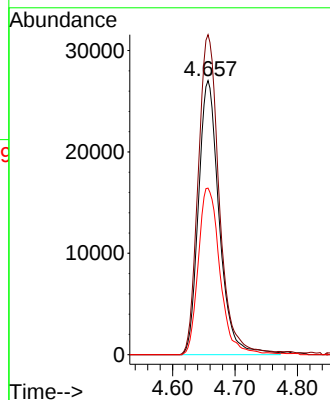
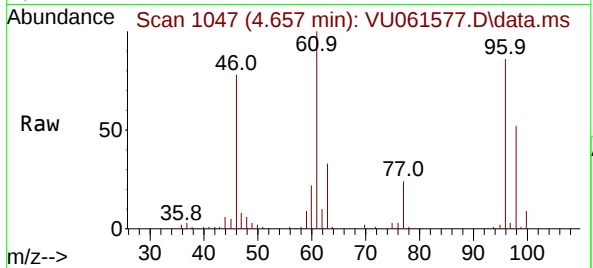
Tgt Ion: 96 Resp: 62472

Ion Ratio Lower Upper

96 100

61 116.8 88.1 163.5

98 60.8 45.0 83.6



#23

Bromochloromethane

Concen: 4.636 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. 0.003 min

Lab File: VU061577.D

Acq: 09 Nov 2024 04:13

Tgt Ion:128 Resp: 26045

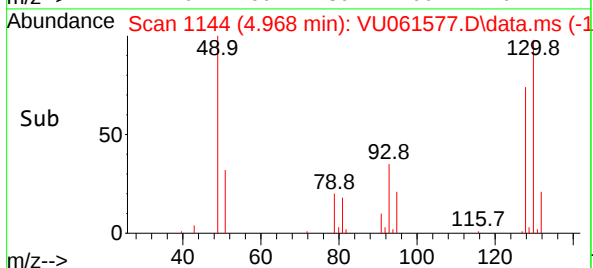
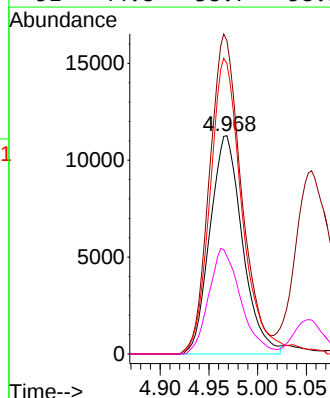
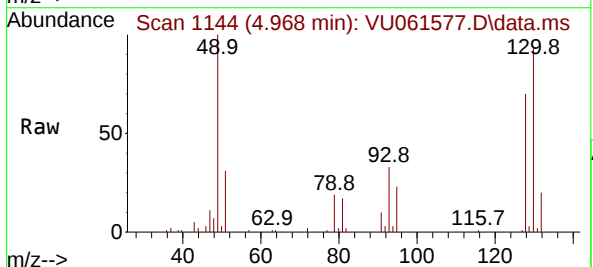
Ion Ratio Lower Upper

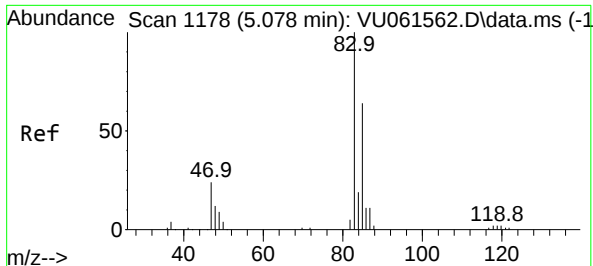
128 100

49 143.6 105.1 195.1

130 133.1 89.6 166.4

51 44.8 38.7 58.1





#25

Chloroform

Concen: 4.642 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061577.D

Acq: 09 Nov 2024 04:13

Instrument :

MSVOA_U

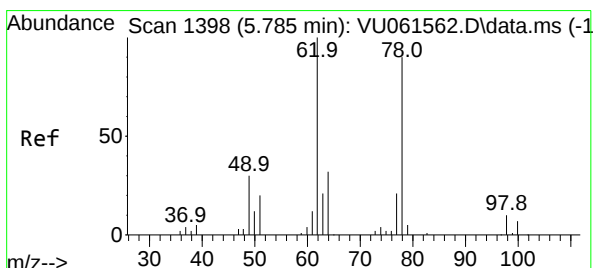
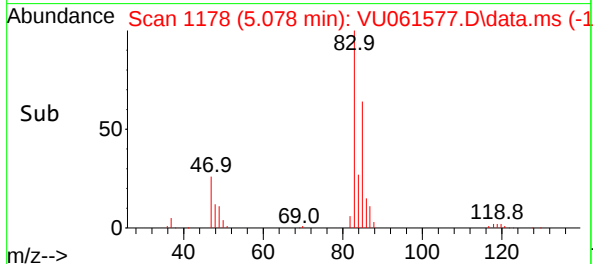
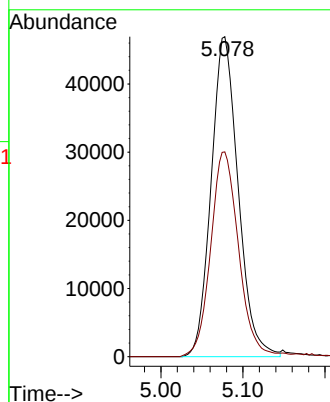
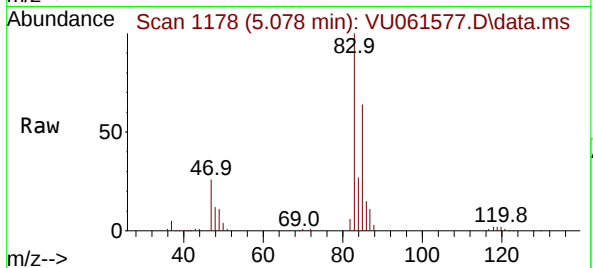
ClientSampleId :

Tgt Ion: 83 Resp: 107601

Ion Ratio Lower Upper

83 100

85 64.0 45.6 84.6



#27

1,2-Dichloroethane

Concen: 4.495 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU061577.D

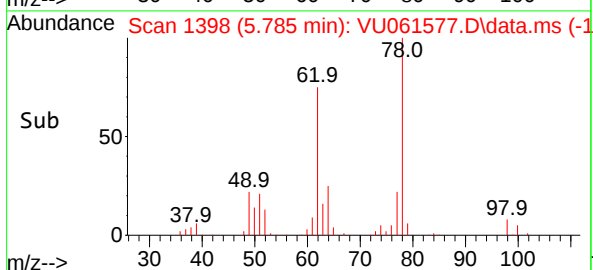
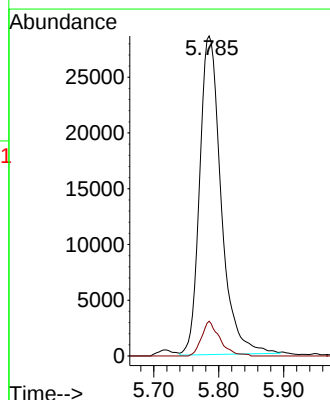
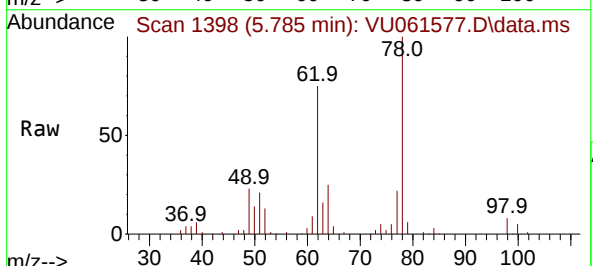
Acq: 09 Nov 2024 04:13

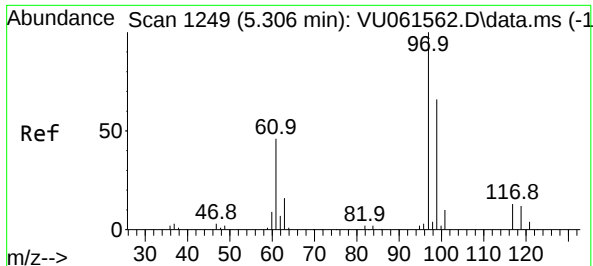
Tgt Ion: 62 Resp: 65846

Ion Ratio Lower Upper

62 100

98 10.9 7.4 11.0

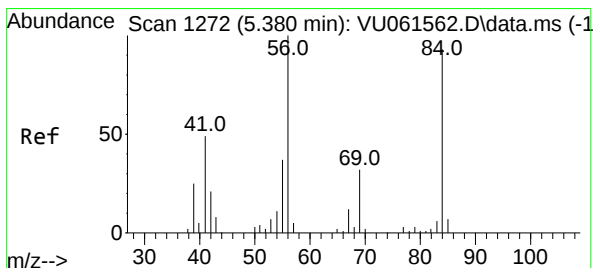
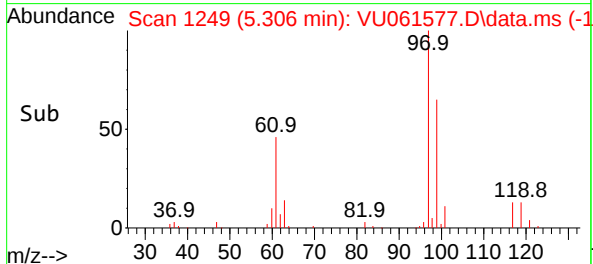
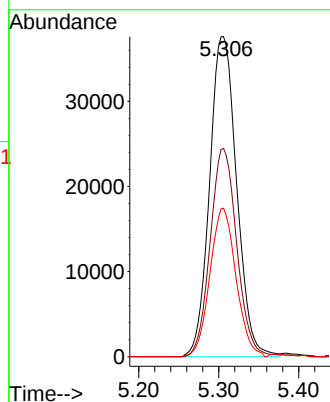
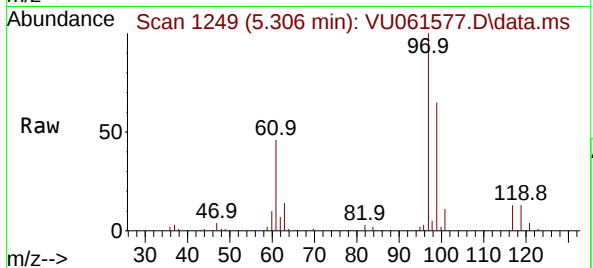




#29
1,1,1-Trichloroethane
Concen: 4.290 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

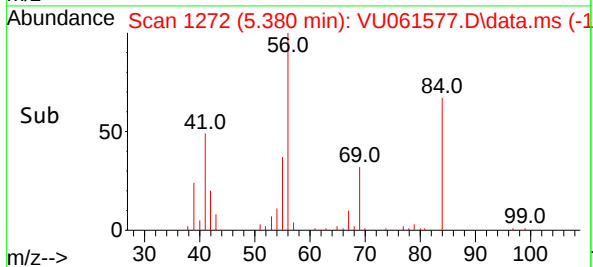
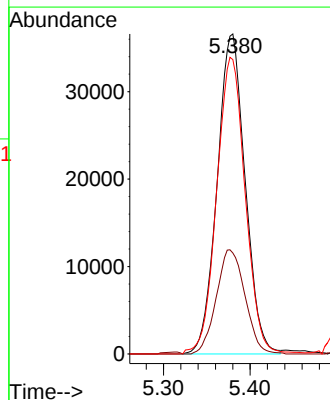
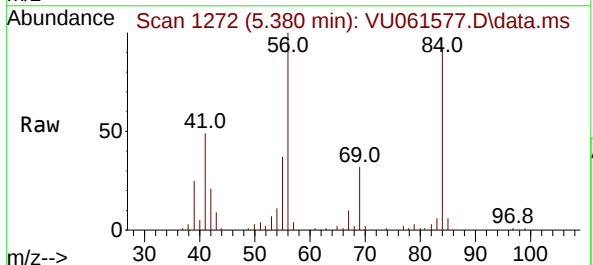
Instrument :
MSVOA_U
ClientSampleId :

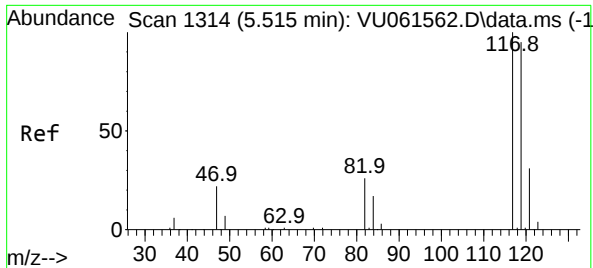
Tgt Ion:	97	Resp:	88433
Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.8	76.2
61	44.6	36.1	54.1



#30
Cyclohexane
Concen: 3.972 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

Tgt Ion:	56	Resp:	82137
Ion	Ratio	Lower	Upper
56	100		
69	33.3	25.8	38.6
84	94.6	73.9	110.9

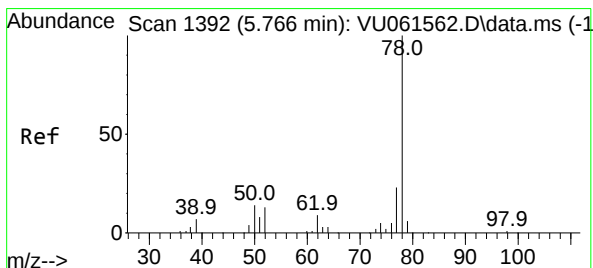
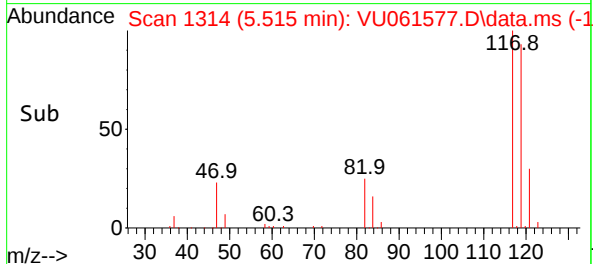
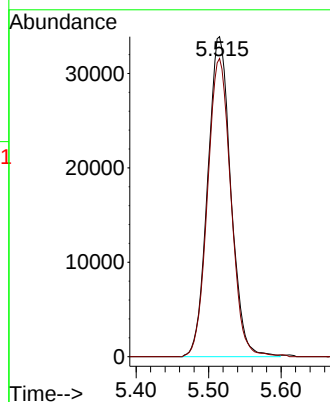
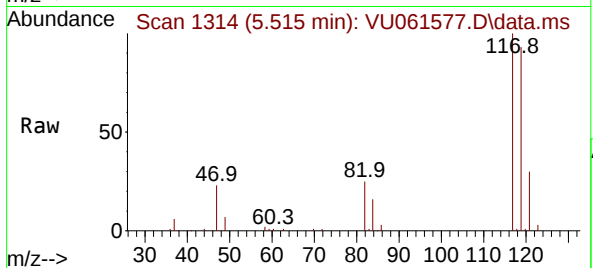




#31
Carbon tetrachloride
Concen: 4.264 ug/L
RT: 5.515 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

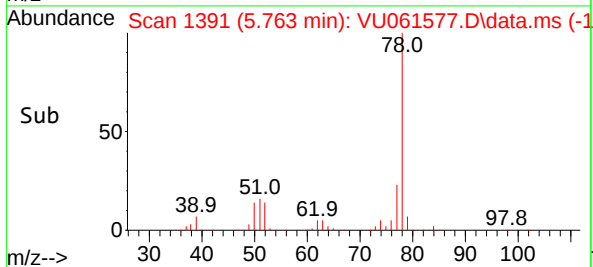
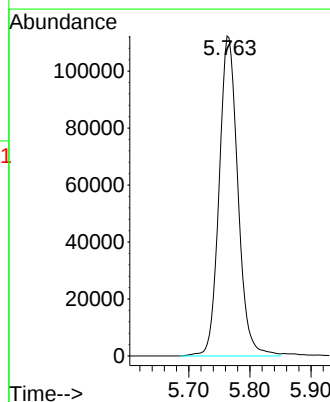
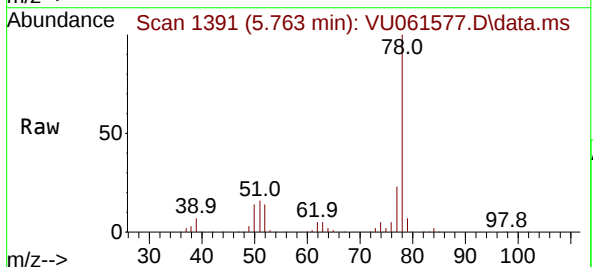
Instrument :
MSVOA_U
ClientSampleId :

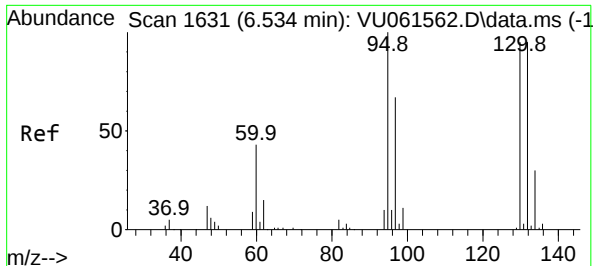
Tgt Ion:117 Resp: 75215
Ion Ratio Lower Upper
117 100
119 93.7 75.5 113.3



#33
Benzene
Concen: 4.600 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

Tgt Ion: 78 Resp: 239498

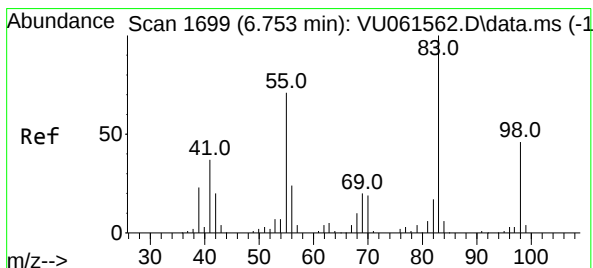
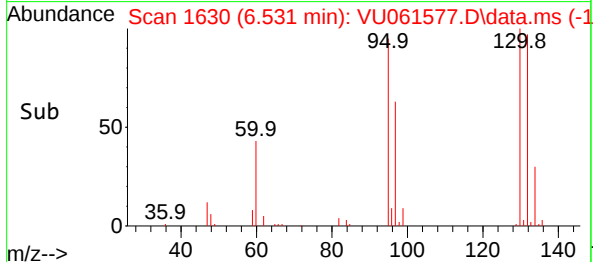
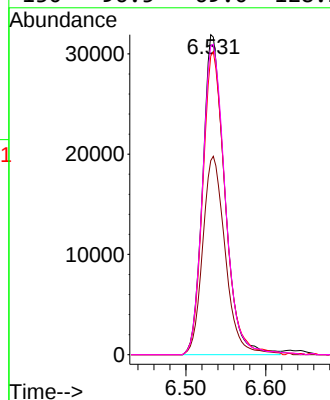
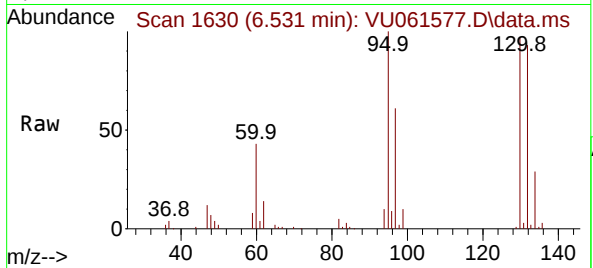




#34
Trichloroethene
Concen: 4.331 ug/L
RT: 6.531 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

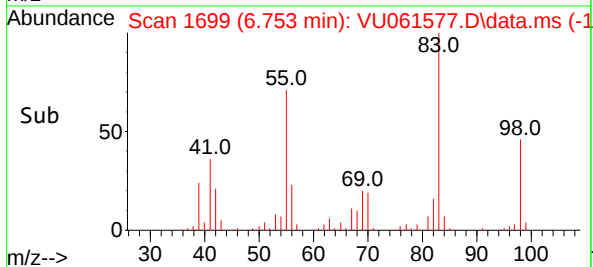
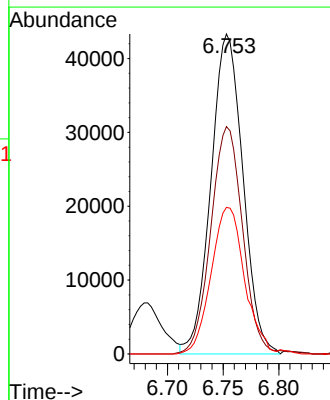
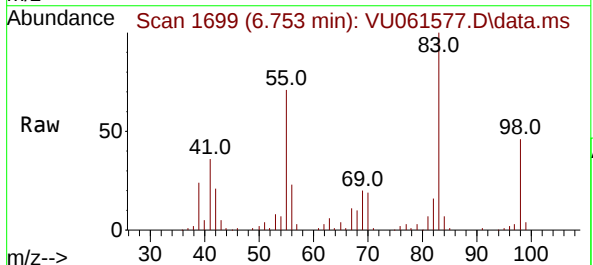
Instrument :
MSVOA_U
ClientSampleId :

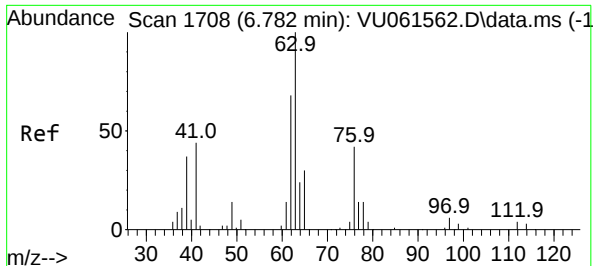
Tgt Ion: 95 Resp: 61330
Ion Ratio Lower Upper
95 100
97 60.7 46.1 85.7
132 93.3 66.1 122.7
130 96.5 69.0 128.2



#35
Methylcyclohexane
Concen: 3.843 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

Tgt Ion: 83 Resp: 86629
Ion Ratio Lower Upper
83 100
55 70.9 55.9 83.9
98 47.8 35.9 53.9

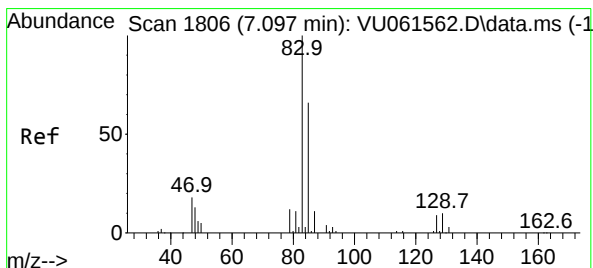
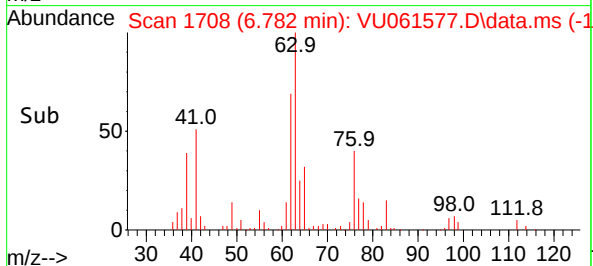
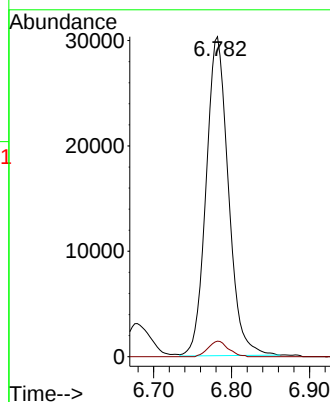
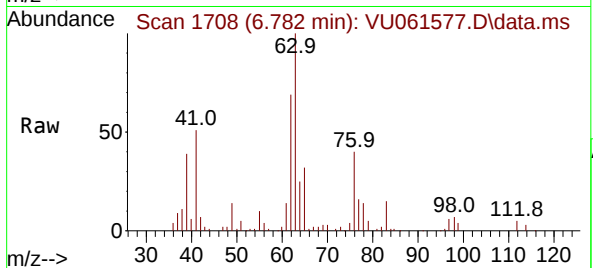




#37
1,2-Dichloropropane
Concen: 4.556 ug/L
RT: 6.782 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

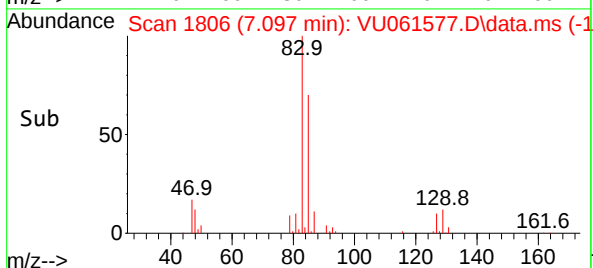
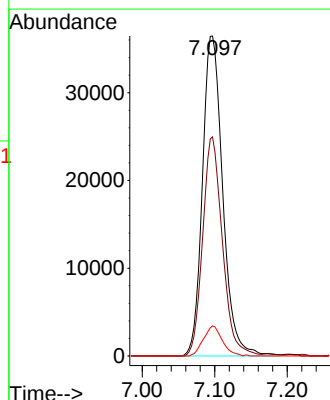
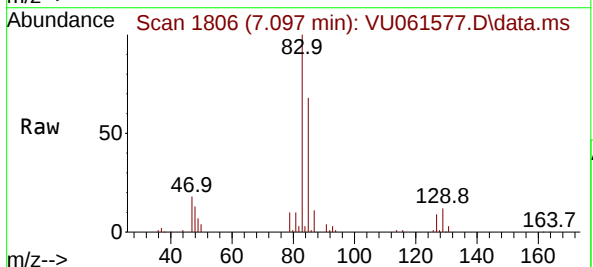
Instrument :
MSVOA_U
ClientSampleId :

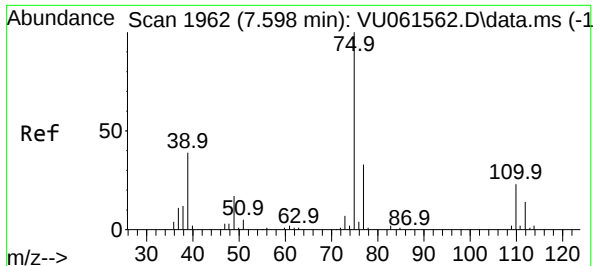
Tgt Ion: 63 Resp: 60127
Ion Ratio Lower Upper
63 100
112 4.4 3.0 4.4



#38
Bromodichloromethane
Concen: 4.251 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

Tgt Ion: 83 Resp: 70989
Ion Ratio Lower Upper
83 100
85 68.5 43.8 81.4
127 9.4 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 3.979 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VU061577.D

Acq: 09 Nov 2024 04:13

Instrument :

MSVOA_U

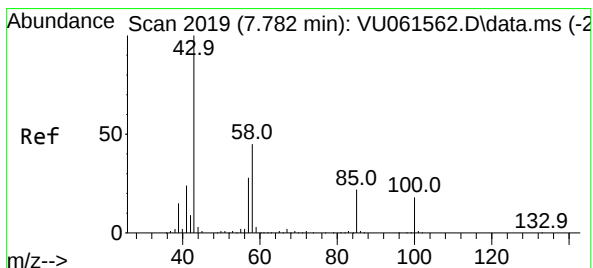
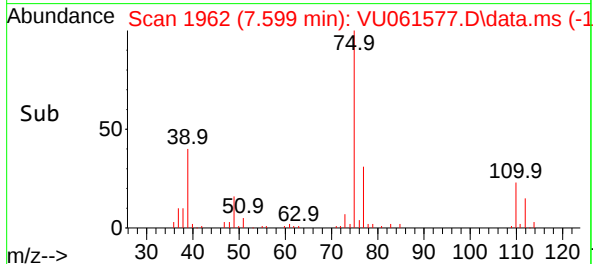
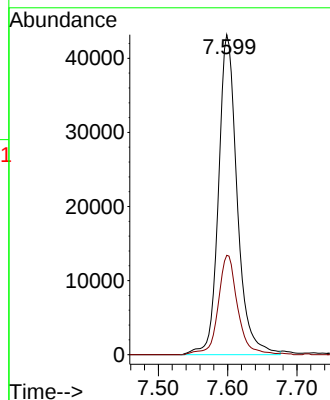
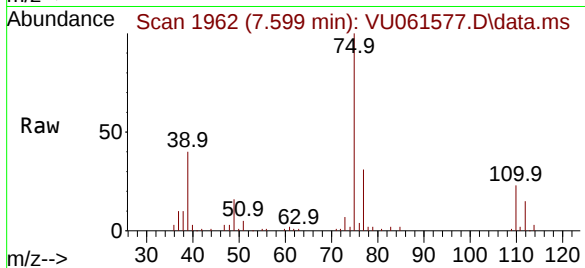
ClientSampleId :

Tgt Ion: 75 Resp: 81102

Ion Ratio Lower Upper

75 100

77 31.0 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 45.987 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU061577.D

Acq: 09 Nov 2024 04:13

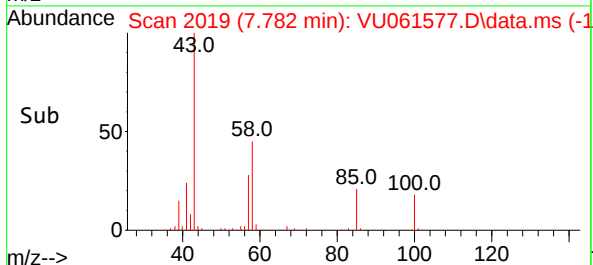
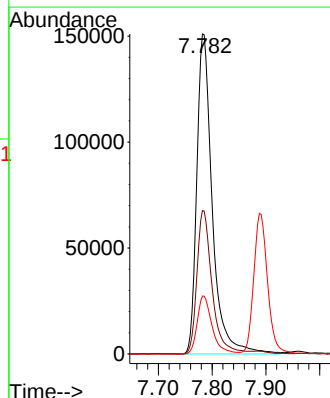
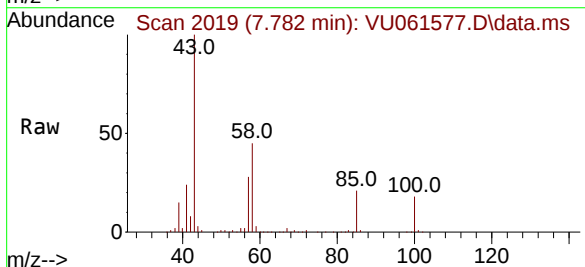
Tgt Ion: 43 Resp: 302038

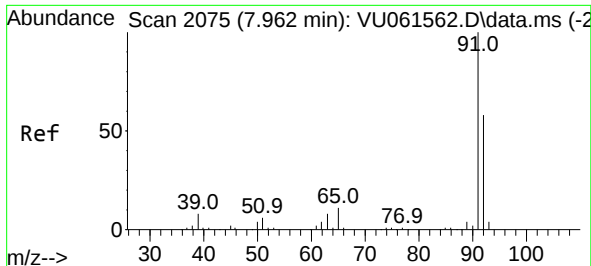
Ion Ratio Lower Upper

43 100

58 43.8 35.1 52.7

100 17.3 14.0 21.0





#42

Toluene

Concen: 4.638 ug/L

RT: 7.959 min Scan# 2075

Delta R.T. -0.003 min

Lab File: VU061577.D

Acq: 09 Nov 2024 04:13

Instrument :

MSVOA_U

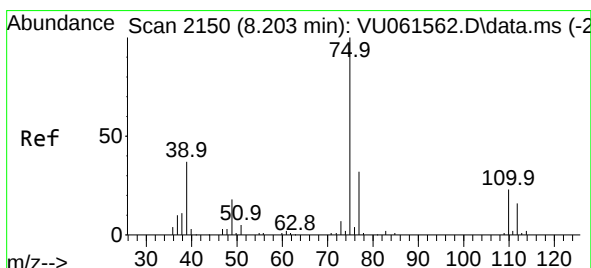
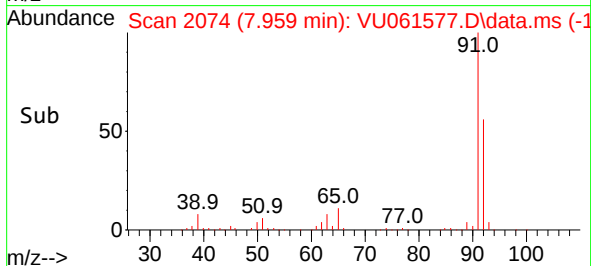
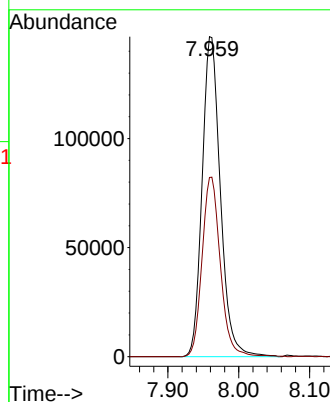
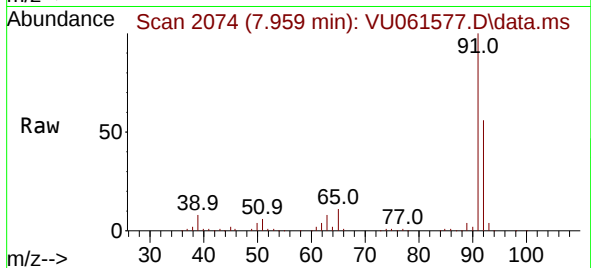
ClientSampleId :

Tgt Ion: 91 Resp: 262211

Ion Ratio Lower Upper

91 100

92 56.0 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 3.790 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061577.D

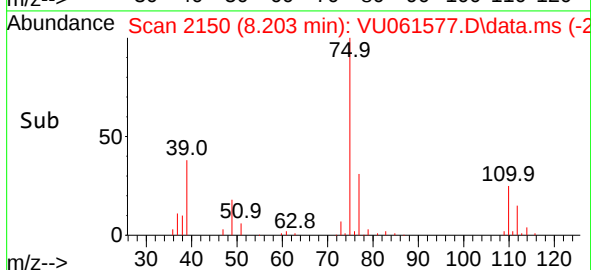
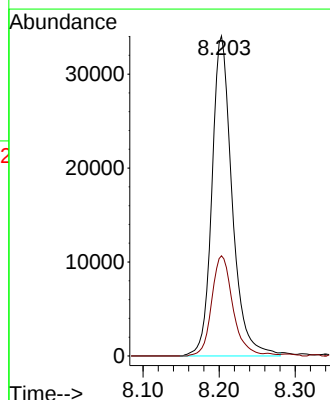
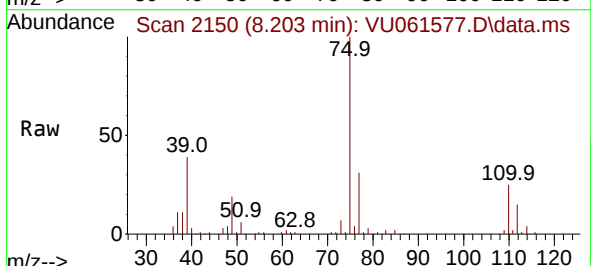
Acq: 09 Nov 2024 04:13

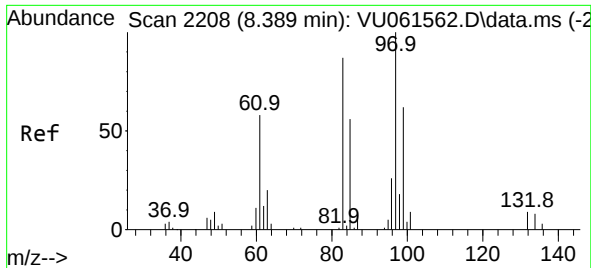
Tgt Ion: 75 Resp: 62945

Ion Ratio Lower Upper

75 100

77 31.3 22.0 40.8



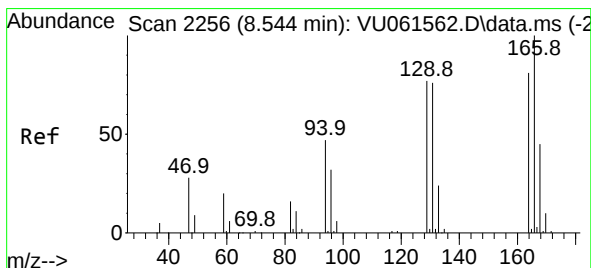
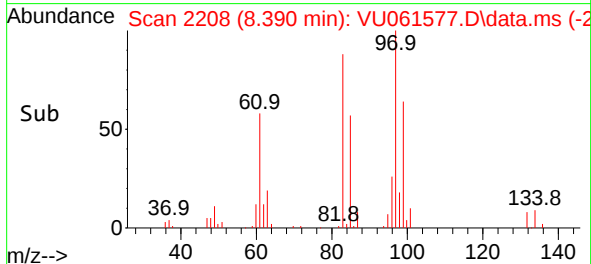
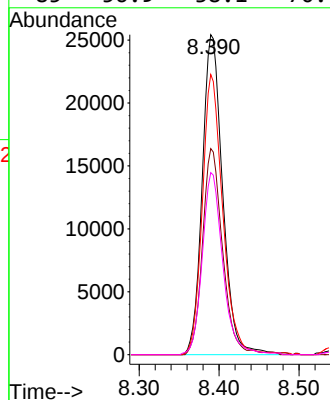
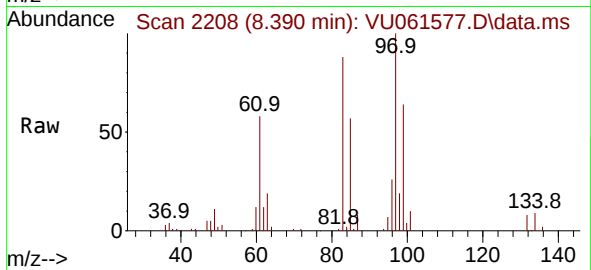


#45
1,1,2-Trichloroethane
Concen: 4.765 ug/L
RT: 8.390 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 45248

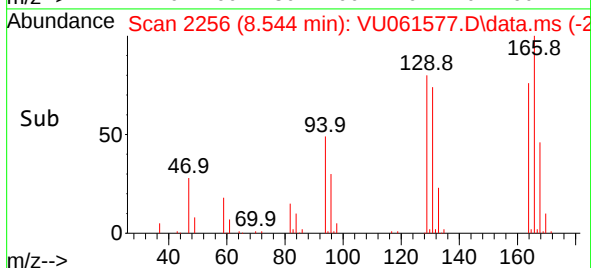
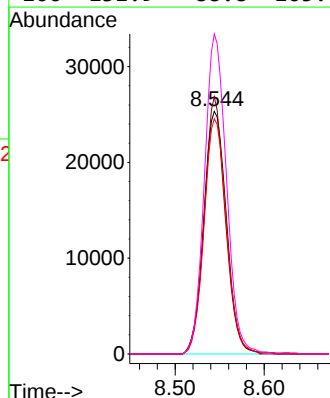
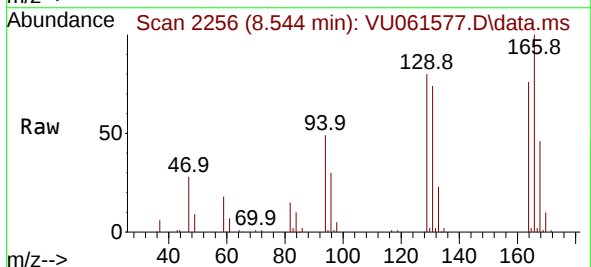
Ion	Ratio	Lower	Upper
97	100		
99	64.4	44.1	81.9
83	87.5	61.2	113.6
85	56.9	38.1	70.7

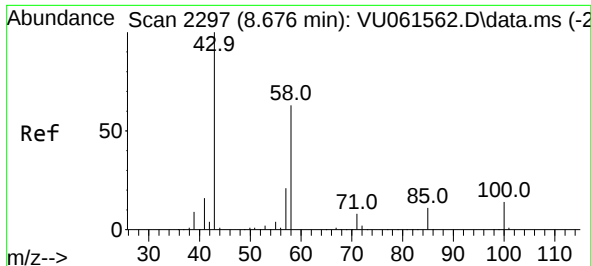


#47
Tetrachloroethene
Concen: 4.539 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

Tgt Ion: 164 Resp: 44900

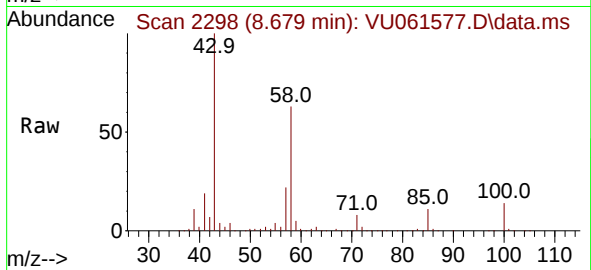
Ion	Ratio	Lower	Upper
164	100		
129	106.0	69.9	129.7
131	97.0	68.3	126.8
166	131.9	88.8	165.0



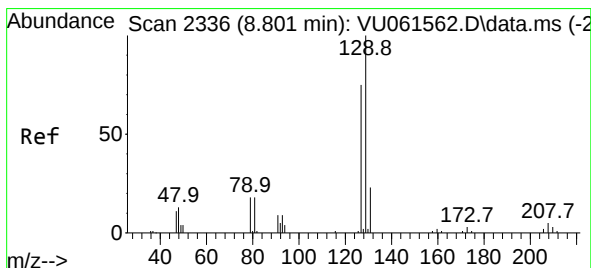
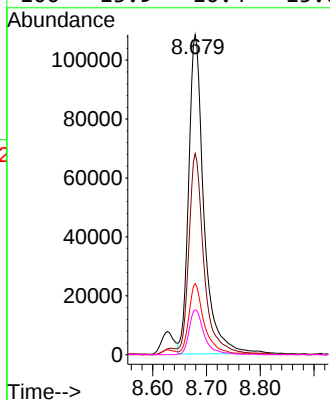
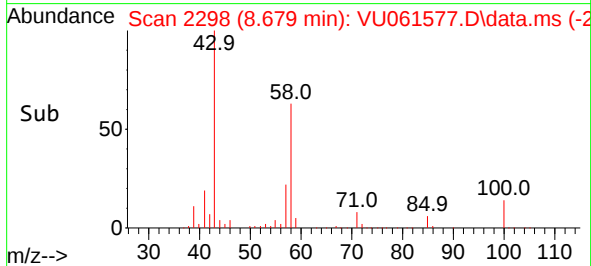


#48
2-Hexanone
Concen: 46.041 ug/L
RT: 8.679 min Scan# 213833
Delta R.T. 0.003 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

Instrument :
MSVOA_U
ClientSampleId :

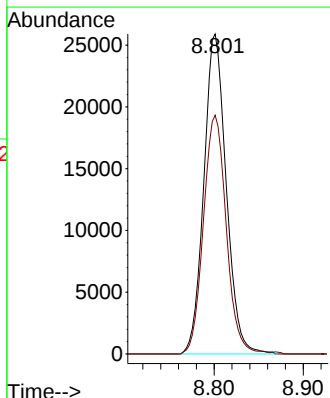
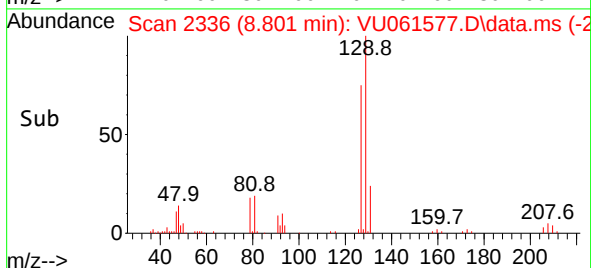
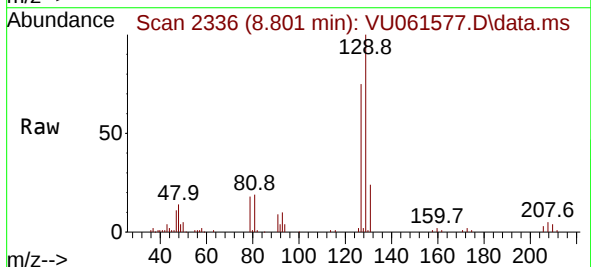


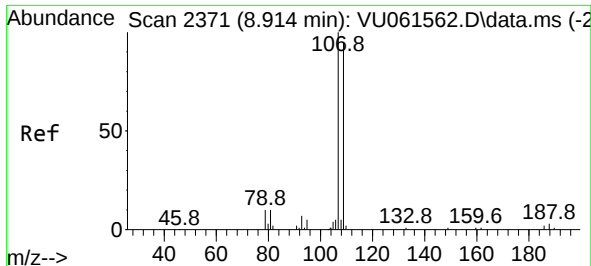
Tgt Ion:	43	Resp:	213833
Ion	Ratio	Lower	Upper
43	100		
58	61.4	48.6	72.8
57	22.8	17.0	25.6
100	13.9	10.4	15.6



#49
Dibromochloromethane
Concen: 4.196 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

Tgt Ion:	129	Resp:	45199
Ion	Ratio	Lower	Upper
129	100		
127	74.6	51.8	96.2





#50

1,2-Dibromoethane

Concen: 4.454 ug/L

RT: 8.914 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU061577.D

Acq: 09 Nov 2024 04:13

Instrument :

MSVOA_U

ClientSampleId :

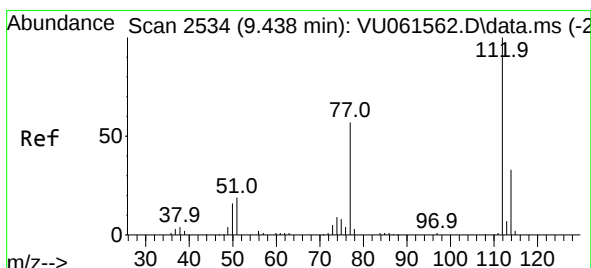
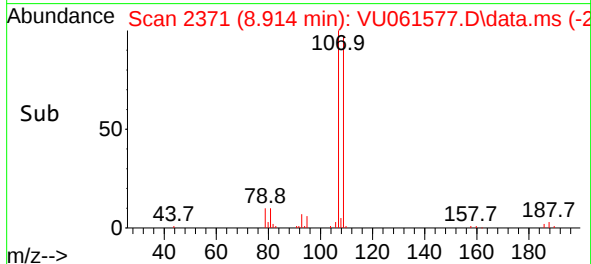
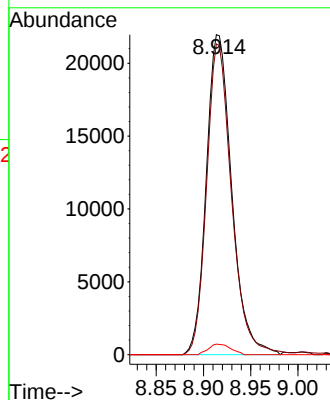
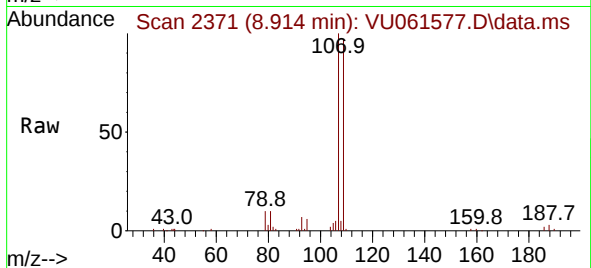
Tgt Ion:107 Resp: 41097

Ion Ratio Lower Upper

107 100

109 97.1 63.4 117.8

188 3.3 2.6 3.8



#51

Chlorobenzene

Concen: 4.600 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU061577.D

Acq: 09 Nov 2024 04:13

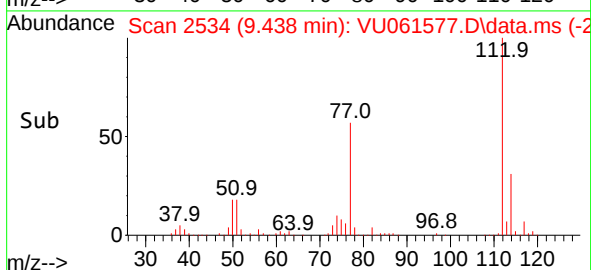
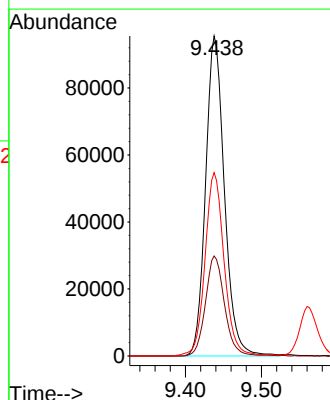
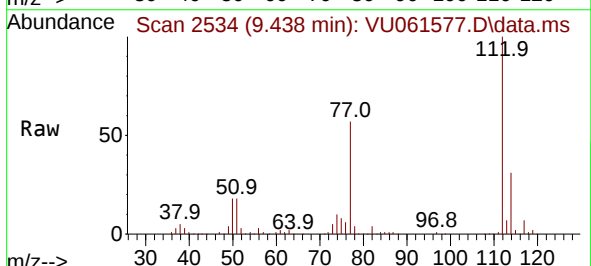
Tgt Ion:112 Resp: 164396

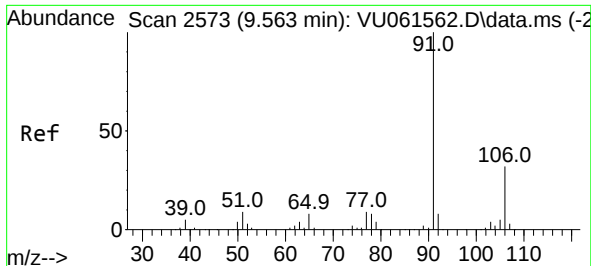
Ion Ratio Lower Upper

112 100

114 31.3 22.9 42.5

77 57.3 47.1 70.7

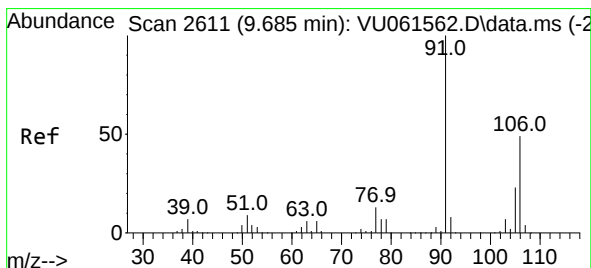
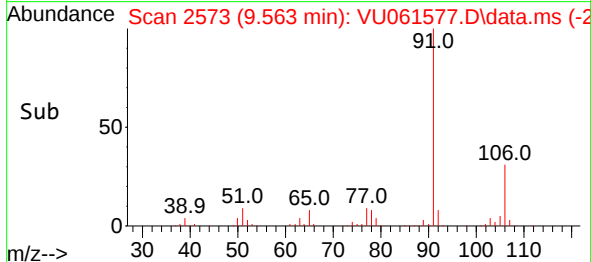
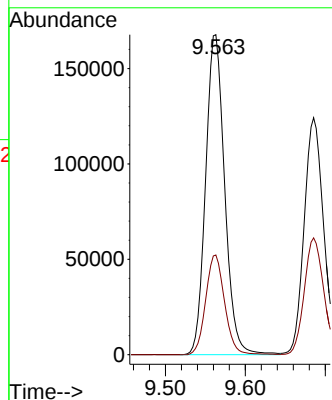
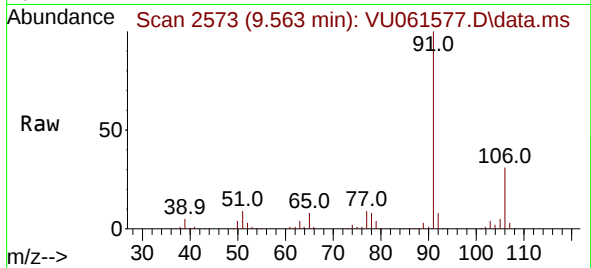




#52
Ethylbenzene
Concen: 4.481 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

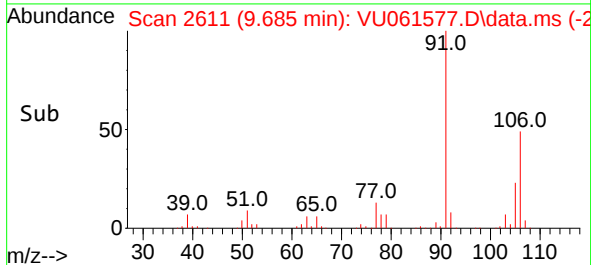
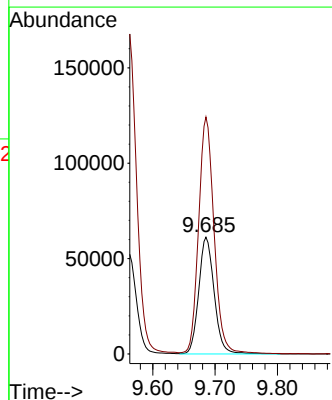
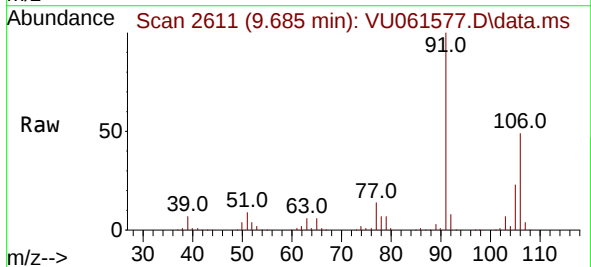
Instrument :
MSVOA_U
ClientSampleId :

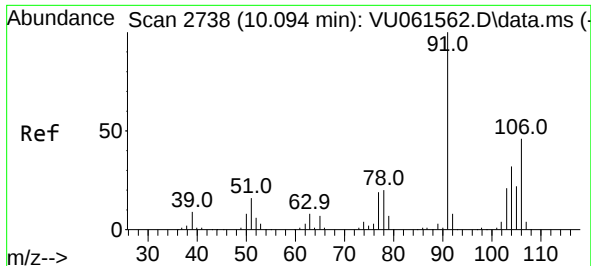
Tgt Ion: 91 Resp: 278645
Ion Ratio Lower Upper
91 100
106 31.1 22.0 41.0



#53
m,p-Xylene
Concen: 4.451 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

Tgt Ion: 106 Resp: 105443
Ion Ratio Lower Upper
106 100
91 202.8 145.7 270.7

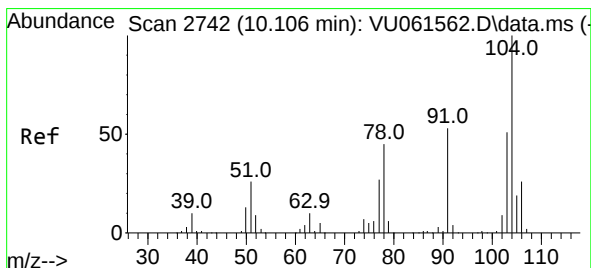
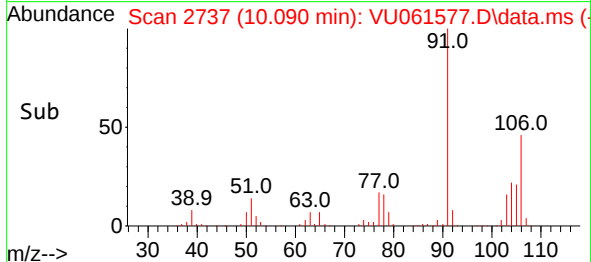
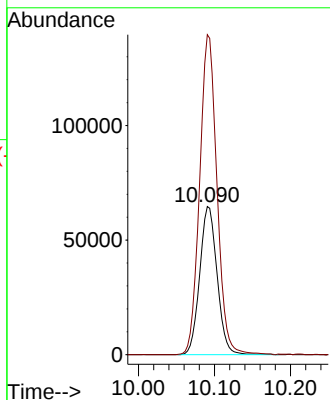
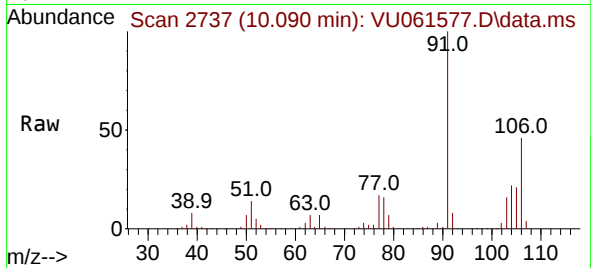




#54
o-Xylene
Concen: 4.401 ug/L
RT: 10.090 min Scan# 2738
Delta R.T. -0.003 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

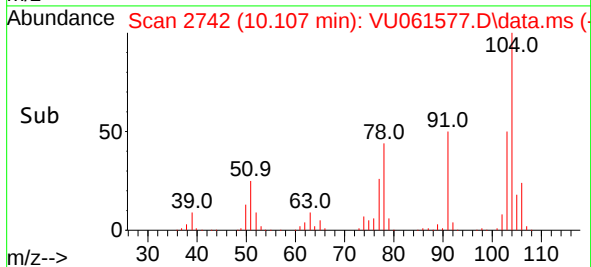
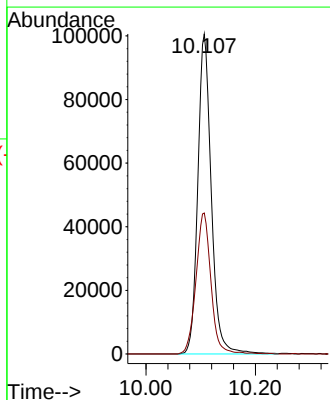
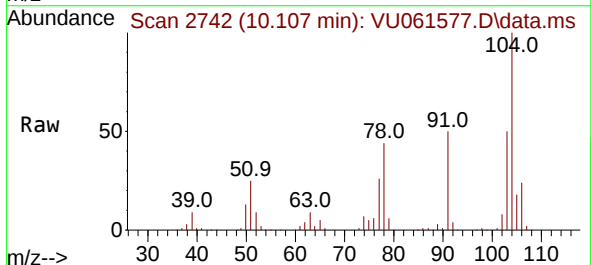
Instrument :
MSVOA_U
ClientSampleId :

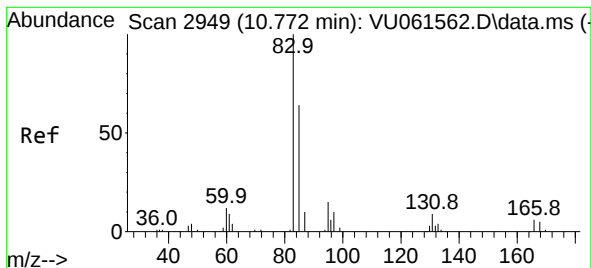
Tgt Ion:106 Resp: 102903
Ion Ratio Lower Upper
106 100
91 215.9 148.8 276.4



#55
Styrene
Concen: 4.590 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

Tgt Ion:104 Resp: 172066
Ion Ratio Lower Upper
104 100
78 44.0 32.3 59.9

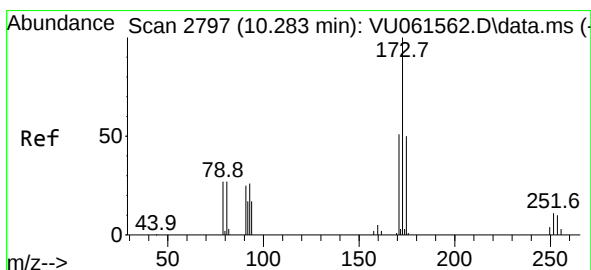
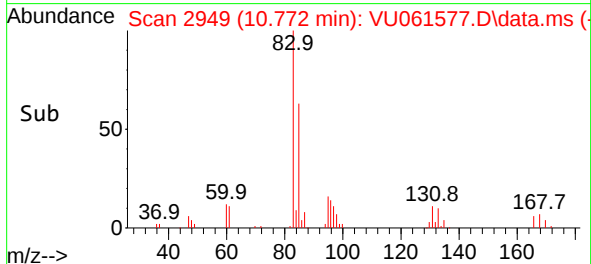
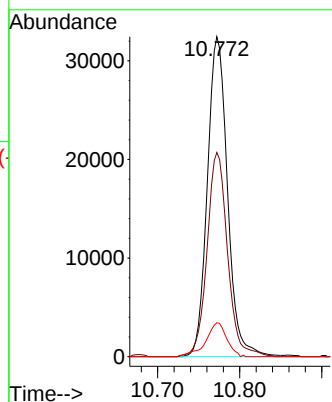
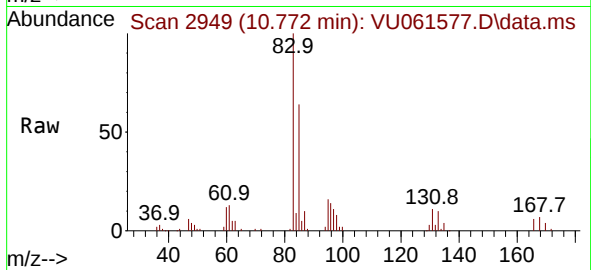




#57
1,1,2,2-Tetrachloroethane
Concen: 4.840 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

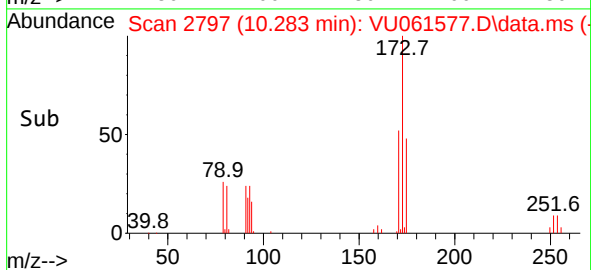
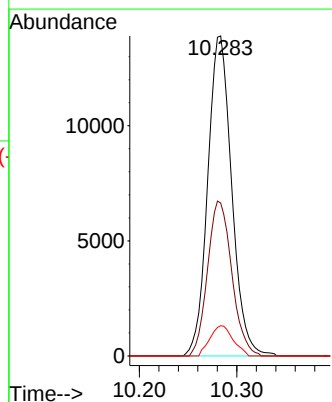
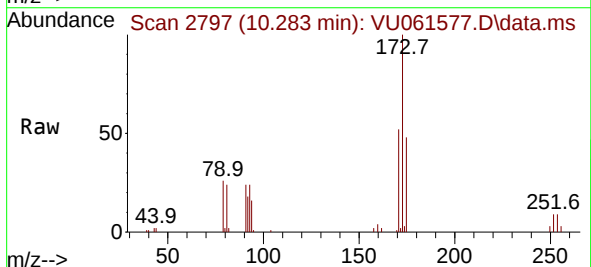
Instrument :
MSVOA_U
ClientSampleId :

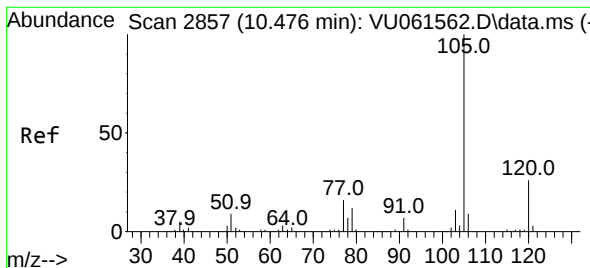
Tgt Ion: 83 Resp: 55392
Ion Ratio Lower Upper
83 100
85 63.8 45.3 84.1
131 10.6 7.6 11.4



#59
Bromoform
Concen: 3.919 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

Tgt Ion:173 Resp: 23780
Ion Ratio Lower Upper
173 100
175 48.9 39.0 58.4
254 9.1 6.8 10.2





#60

Isopropylbenzene

Concen: 4.398 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061577.D

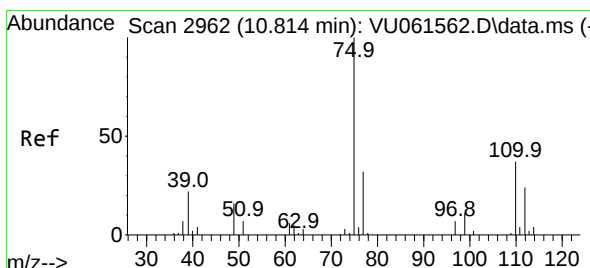
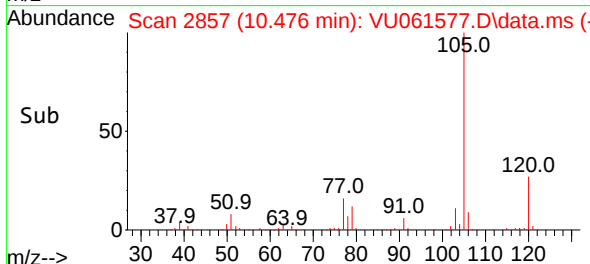
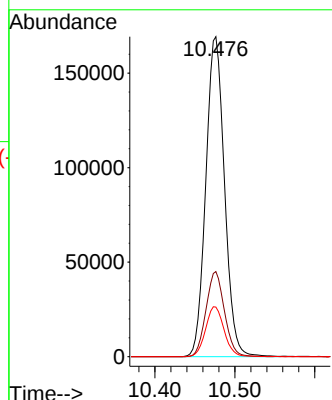
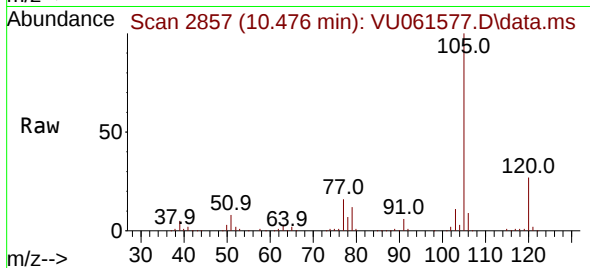
Acq: 09 Nov 2024 04:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	275414
Ion Ratio	Lower	Upper	
105	100		
120	26.3	21.2	31.8
77	15.5	12.6	19.0



#61

1,2,3-Trichloropropane

Concen: 4.650 ug/L

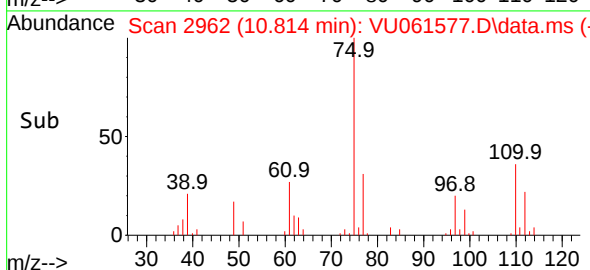
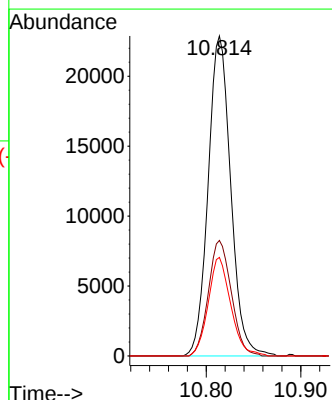
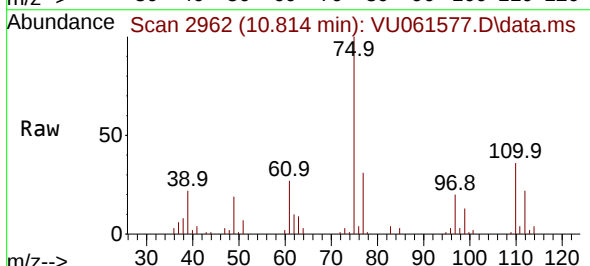
RT: 10.814 min Scan# 2962

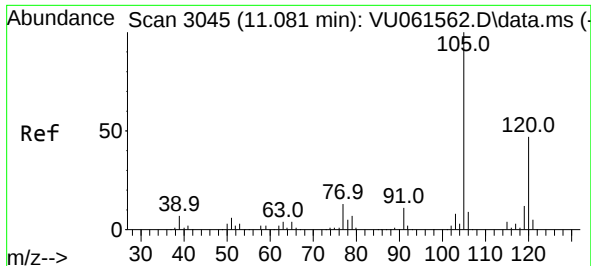
Delta R.T. 0.000 min

Lab File: VU061577.D

Acq: 09 Nov 2024 04:13

Tgt Ion:	75	Resp:	37976
Ion Ratio	Lower	Upper	
75	100		
110	36.7	28.8	43.2
77	30.7	25.7	38.5





#62

1,3,5-Trimethylbenzene

Concen: 4.194 ug/L

RT: 11.078 min Scan# 3045

Delta R.T. -0.003 min

Lab File: VU061577.D

Acq: 09 Nov 2024 04:13

Instrument :

MSVOA_U

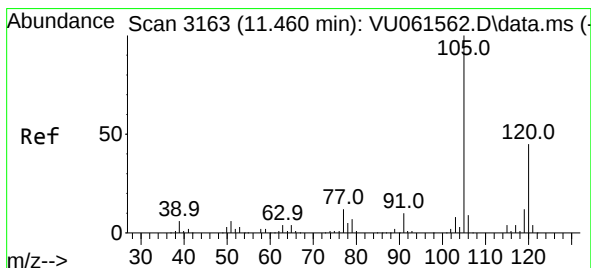
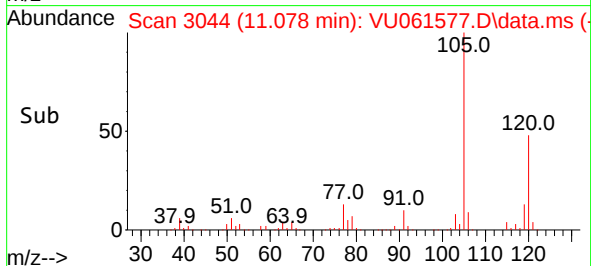
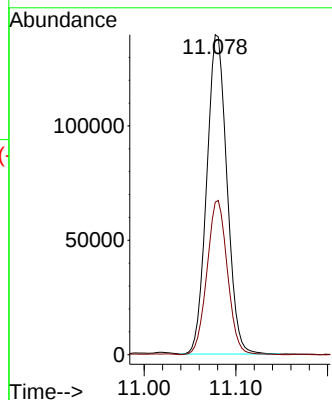
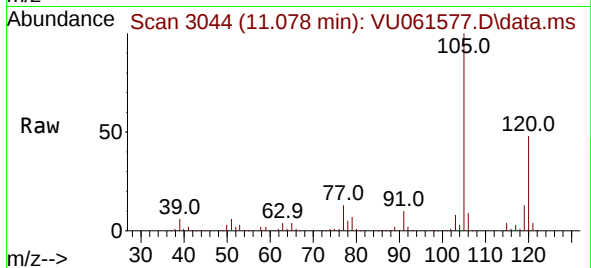
ClientSampleId :

Tgt Ion:105 Resp: 213818

Ion Ratio Lower Upper

105 100

120 49.0 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.281 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU061577.D

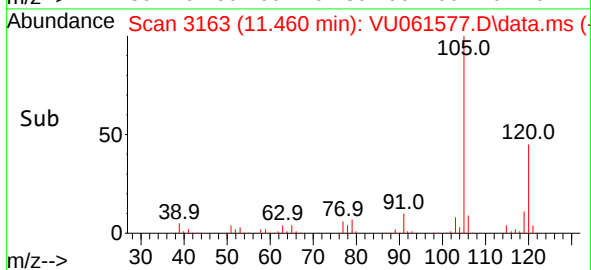
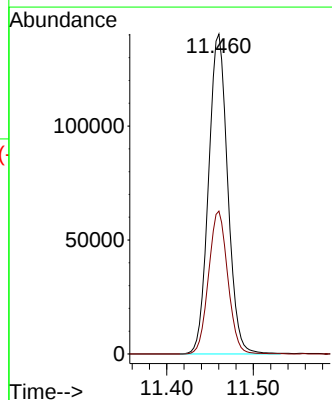
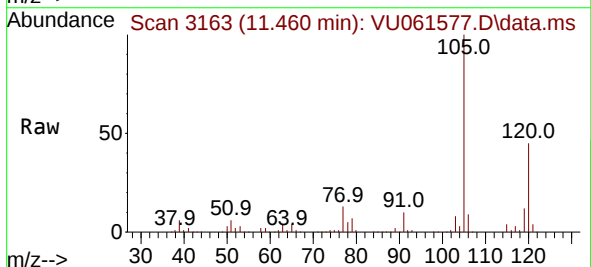
Acq: 09 Nov 2024 04:13

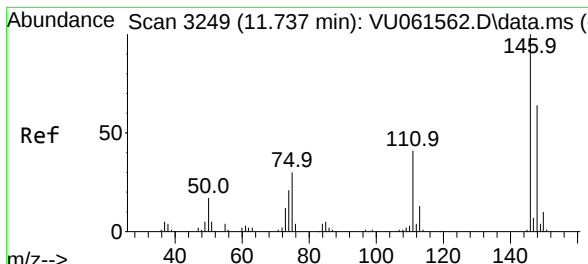
Tgt Ion:105 Resp: 215715

Ion Ratio Lower Upper

105 100

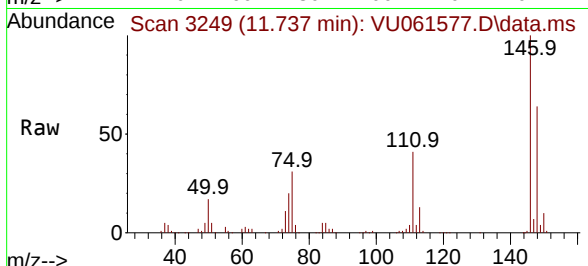
120 44.7 35.4 53.0



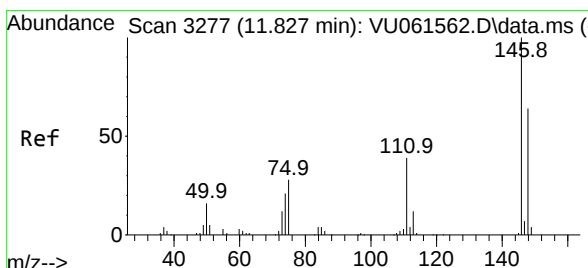
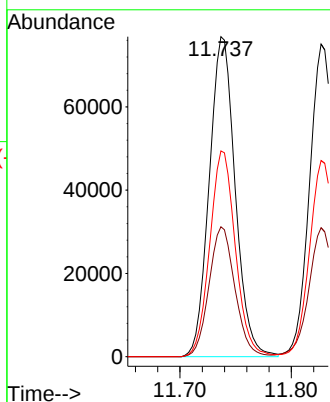
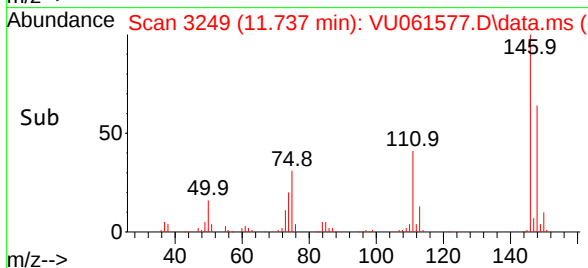


#64
1,3-Dichlorobenzene
Concen: 4.723 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

Instrument :
MSVOA_U
ClientSampleId :

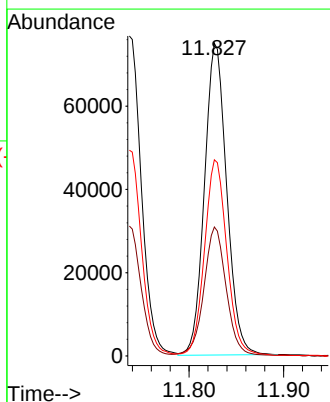
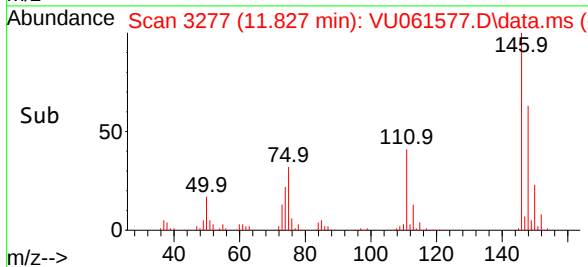
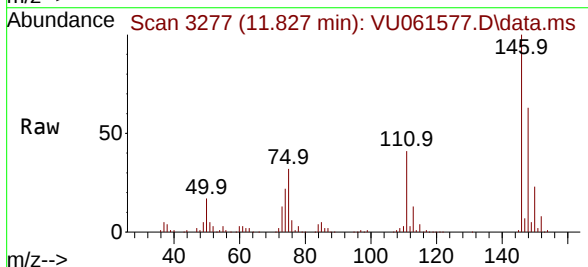


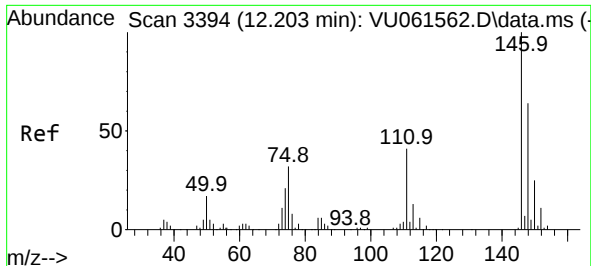
Tgt Ion:146 Resp: 124495
Ion Ratio Lower Upper
146 100
111 40.6 30.0 55.8
148 64.3 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 4.553 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

Tgt Ion:146 Resp: 122343
Ion Ratio Lower Upper
146 100
111 41.3 28.2 52.4
148 62.7 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 4.730 ug/L

RT: 12.203 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU061577.D

Acq: 09 Nov 2024 04:13

Instrument :

MSVOA_U

ClientSampleId :

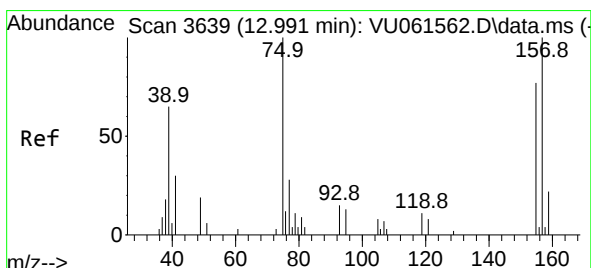
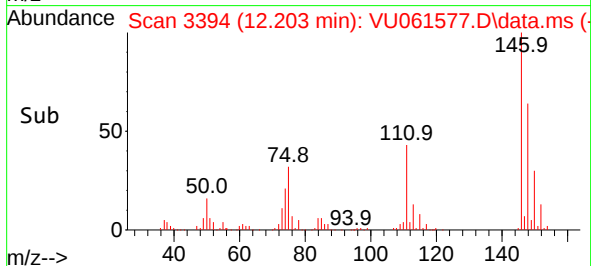
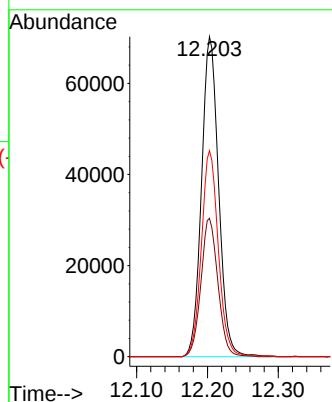
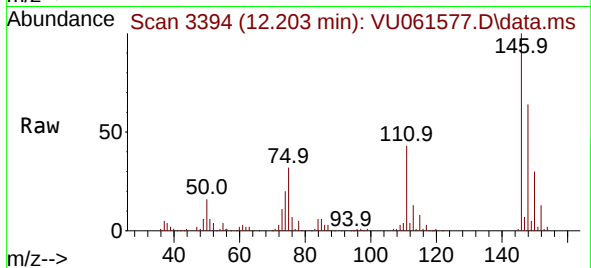
Tgt Ion:146 Resp: 117338

Ion Ratio Lower Upper

146 100

111 43.3 35.2 52.8

148 64.4 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 3.720 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU061577.D

Acq: 09 Nov 2024 04:13

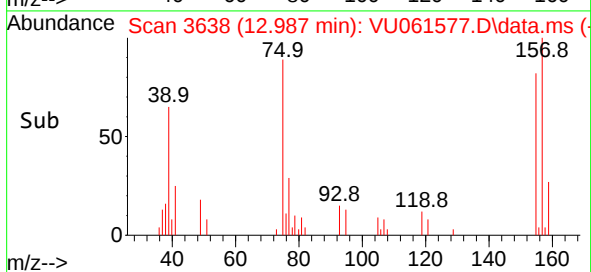
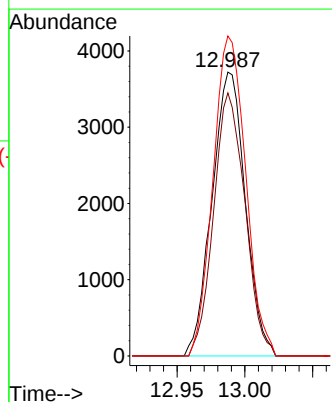
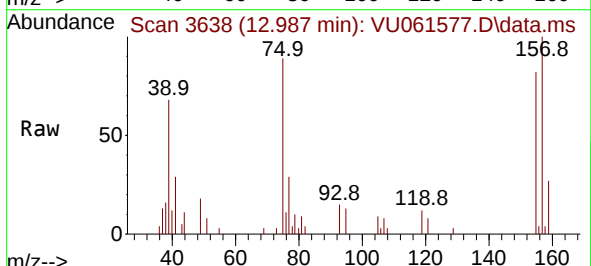
Tgt Ion: 75 Resp: 6378

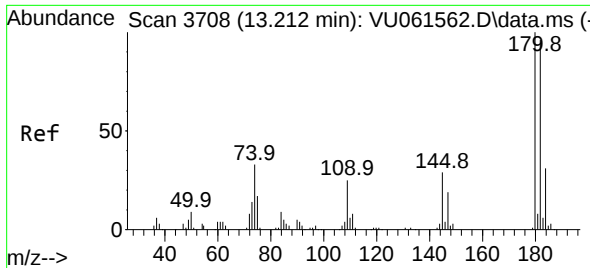
Ion Ratio Lower Upper

75 100

155 92.7 69.3 103.9

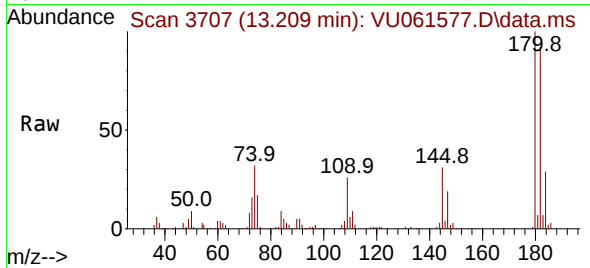
157 112.7 81.4 122.2



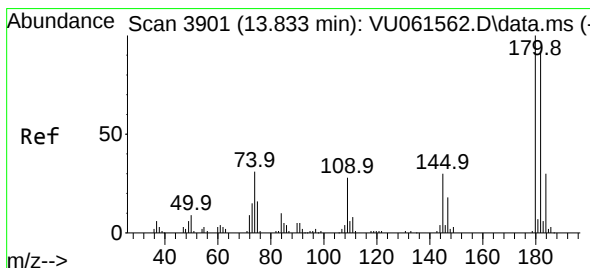
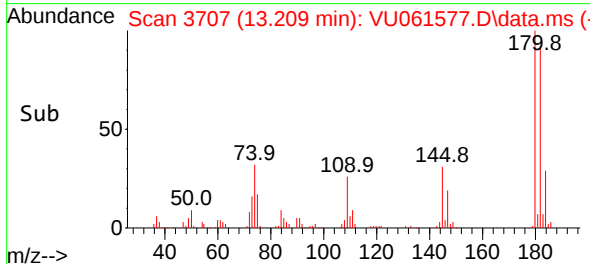
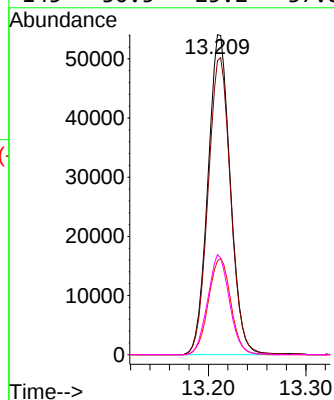


#69
 1,3,5-Trichlorobenzene
 Concen: 4.762 ug/L
 RT: 13.209 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU061577.D
 Acq: 09 Nov 2024 04:13

Instrument :
 MSVOA_U
 ClientSampleId :

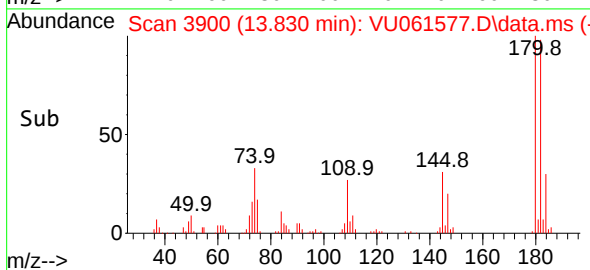
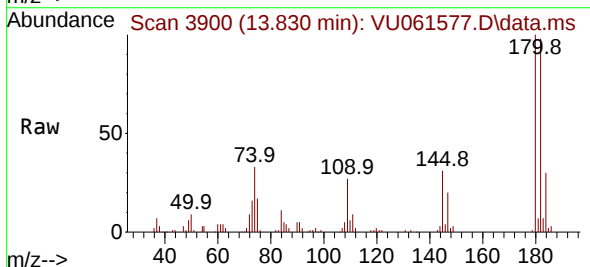
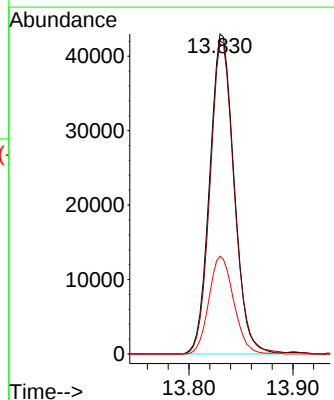


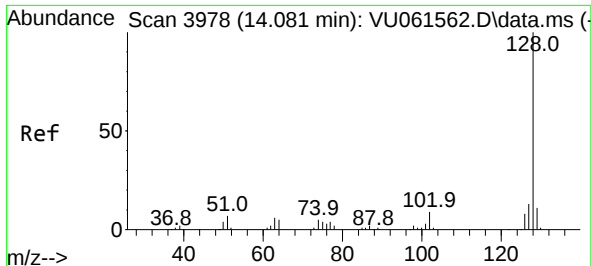
Tgt Ion:180 Resp: 86043
 Ion Ratio Lower Upper
 180 100
 182 93.8 77.4 116.2
 184 30.2 24.4 36.6
 145 30.5 25.2 37.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.809 ug/L
 RT: 13.830 min Scan# 3900
 Delta R.T. -0.003 min
 Lab File: VU061577.D
 Acq: 09 Nov 2024 04:13

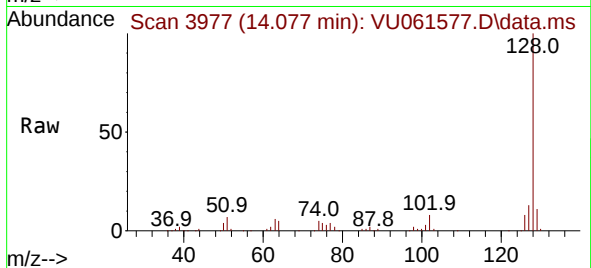
Tgt Ion:180 Resp: 70118
 Ion Ratio Lower Upper
 180 100
 182 96.7 77.2 115.8
 145 30.9 25.6 38.4



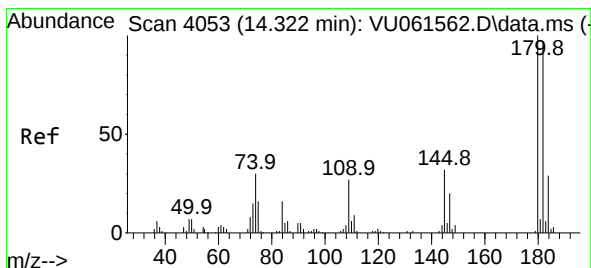
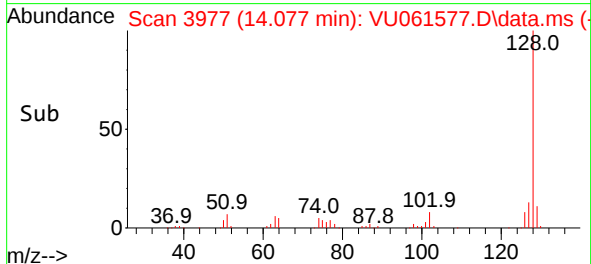
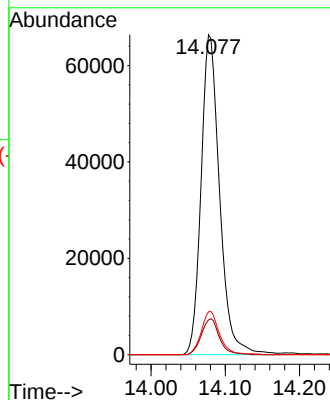


#71
Naphthalene
Concen: 5.007 ug/L
RT: 14.077 min Scan# 3978
Delta R.T. -0.003 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 115198
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.0 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.071 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU061577.D
Acq: 09 Nov 2024 04:13

Tgt Ion:180 Resp: 61859
Ion Ratio Lower Upper
180 100
182 96.9 76.0 114.0
145 33.2 26.5 39.7

