

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102824\
 Data File : VU061260.D
 Acq On : 28 Oct 2024 09:19
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 29 04:41:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 26 01:22:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	199725	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	184263	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	87996	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	50753	3.741	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.911	69	45454	3.654	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.000%
11) 1,1-Dichloroethene-d2	2.563	65	22439	3.866	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	4.631	46	139833	50.764	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.520%
24) Chloroform-d	5.052	84	119707	4.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.695	65	57546	4.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.718	84	228892	4.409	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.682	67	71424	4.576	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.891	98	208775	4.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.174	79	28492	4.472	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.627	63	125472	48.079	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.160%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	56699	4.803	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.183	152	71462	4.586	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	69111	5.190	ug/L	100
3) Chloromethane	1.515	50	64862	4.619	ug/L	100
5) Vinyl chloride	1.602	62	73474	4.759	ug/L	98
6) Bromomethane	1.856	94	48344	4.726	ug/L	97
8) Chloroethane	1.930	64	48424	4.260	ug/L	99
9) Trichlorofluoromethane	2.132	101	110053	5.249	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	65042	5.224	ug/L	97
12) 1,1-Dichloroethene	2.576	96	61164	5.180	ug/L	85
13) Acetone	2.653	43	90158	51.676	ug/L	97
14) Carbon disulfide	2.788	76	198137	5.029	ug/L	99
15) Methyl Acetate	2.956	43	21868	5.062	ug/L	98
16) Methylene chloride	3.039	84	68791	4.944	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	165328	5.166	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	66920	5.125	ug/L	96
19) 1,1-Dichloroethane	3.862	63	125069	5.079	ug/L	98
21) 2-Butanone	4.711	43	141109	51.018	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	77326	5.185	ug/L	99
23) Bromochloromethane	4.965	128	33239	5.296	ug/L	97
25) Chloroform	5.078	83	133634	5.161	ug/L	99

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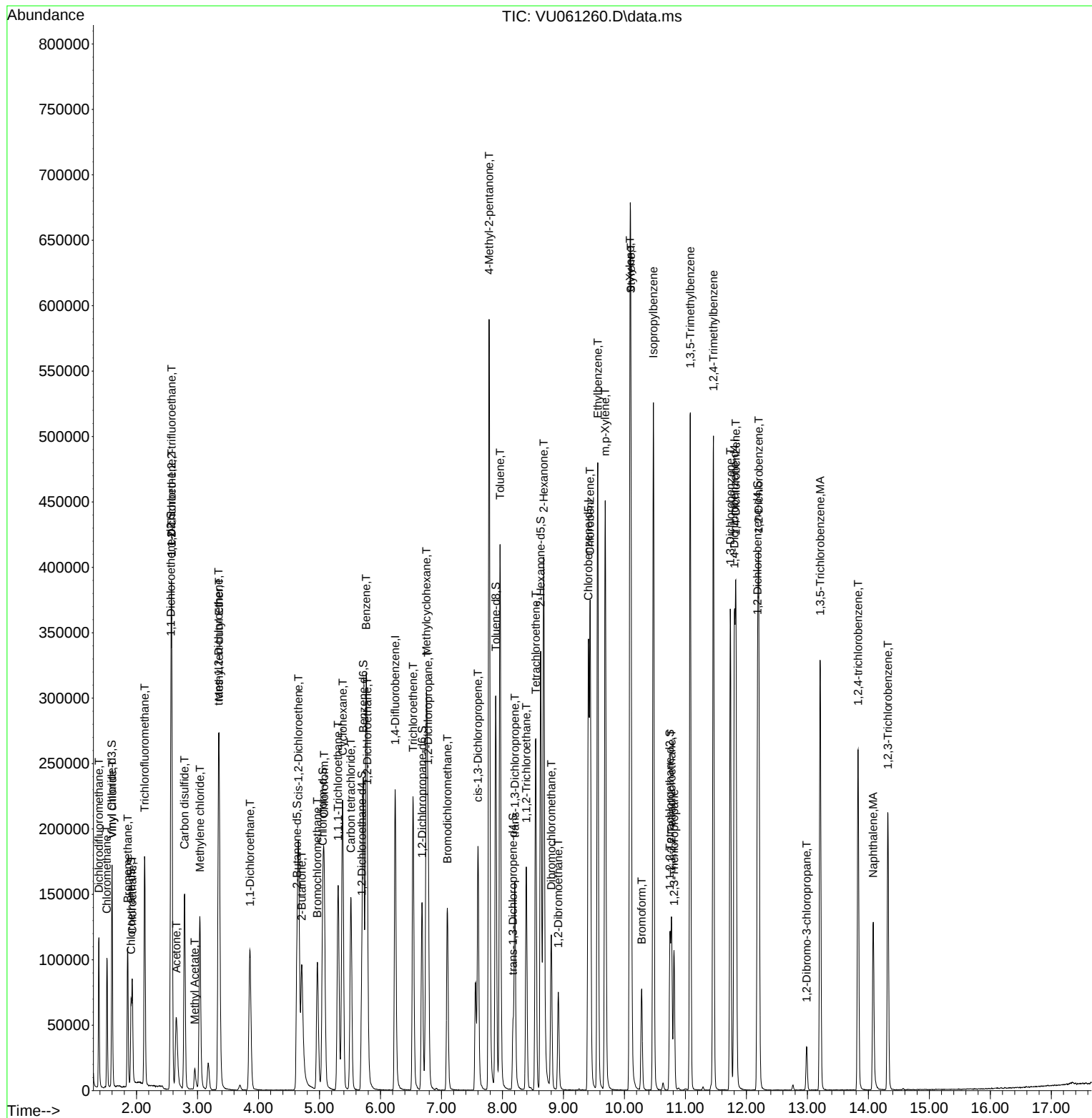
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	81016	4.951	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	116163	5.148	ug/L	99
30) Cyclohexane	5.380	56	116748	5.159	ug/L	100
31) Carbon tetrachloride	5.515	117	101478	5.256	ug/L	98
33) Benzene	5.766	78	290192	5.092	ug/L	100
34) Trichloroethene	6.534	95	78800	5.083	ug/L	98
35) Methylcyclohexane	6.753	83	128070	5.191	ug/L	99
37) 1,2-Dichloropropane	6.782	63	75784	5.247	ug/L	100
38) Bromodichloromethane	7.097	83	93383	5.108	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	117389	5.262	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	364119	50.649	ug/L	98
42) Toluene	7.962	91	318642	5.149	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	94835	5.217	ug/L	100
45) 1,1,2-Trichloroethane	8.389	97	54215	5.216	ug/L	98
47) Tetrachloroethene	8.547	164	57449	5.306	ug/L	96
48) 2-Hexanone	8.676	43	263570	51.846	ug/L	99
49) Dibromochloromethane	8.801	129	61782	5.240	ug/L	99
50) 1,2-Dibromoethane	8.917	107	51335	5.083	ug/L	98
51) Chlorobenzene	9.438	112	200239	5.119	ug/L	98
52) Ethylbenzene	9.563	91	354889	5.214	ug/L	99
53) m,p-Xylene	9.685	106	135907	5.241	ug/L	98
54) o-Xylene	10.094	106	130947	5.116	ug/L	97
55) Styrene	10.106	104	213871	5.213	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	64059	5.114	ug/L	99
59) Bromoform	10.283	173	34489	5.295	ug/L	100
60) Isopropylbenzene	10.476	105	347667	5.172	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	44641	5.093	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	286168	5.229	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	280399	5.184	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	148255	5.240	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	147844	5.126	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	136282	5.118	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	9395	5.104	ug/L	89
69) 1,3,5-Trichlorobenzene	13.209	180	102483	5.284	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	79776	5.097	ug/L	99
71) Naphthalene	14.081	128	116585	4.721	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	63756	4.869	ug/L	99

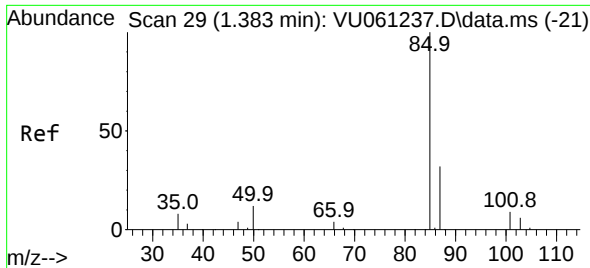
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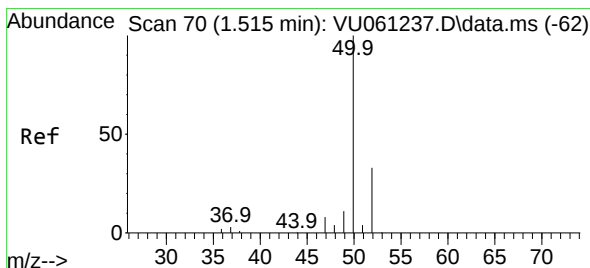
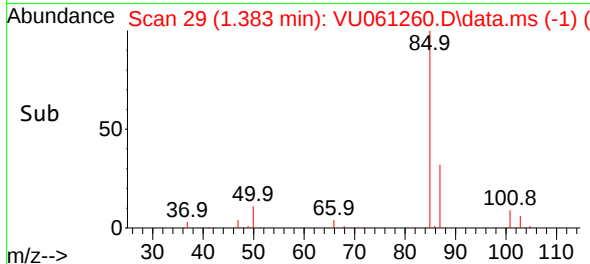
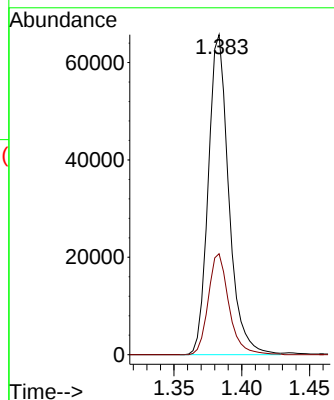
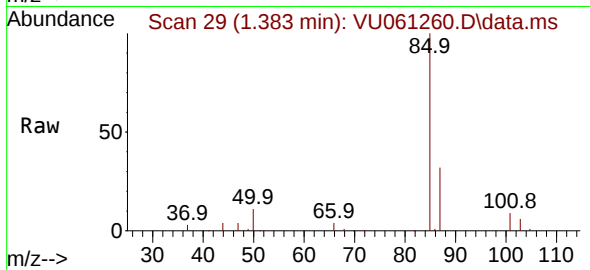




#2
 Dichlorodifluoromethane
 Concen: 5.190 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU061260.D
 Acq: 28 Oct 2024 09:19

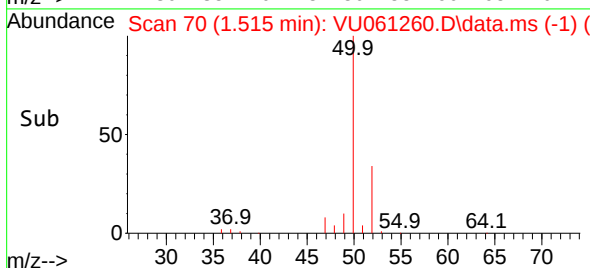
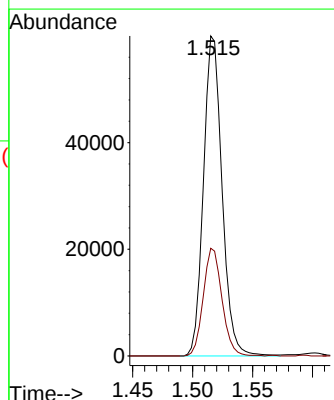
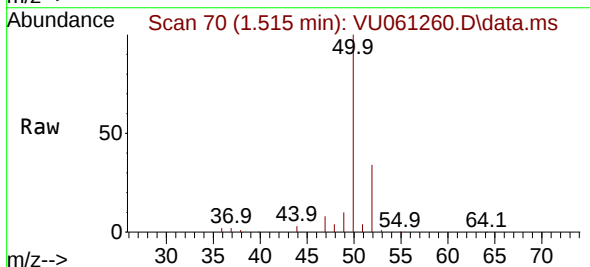
Instrument :
 MSVOA_U
 ClientSampleId :

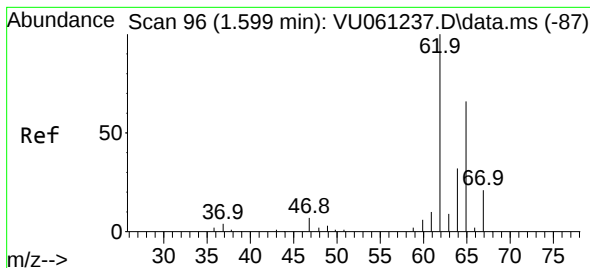
Tgt Ion: 85 Resp: 69111
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.7 38.5



#3
 Chloromethane
 Concen: 4.619 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU061260.D
 Acq: 28 Oct 2024 09:19

Tgt Ion: 50 Resp: 64862
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.4 43.4





#5

Vinyl chloride

Concen: 4.759 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU061260.D

Acq: 28 Oct 2024 09:19

Instrument :

MSVOA_U

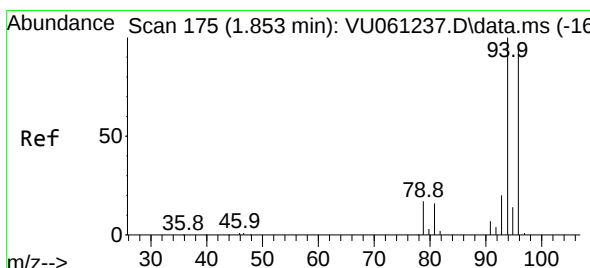
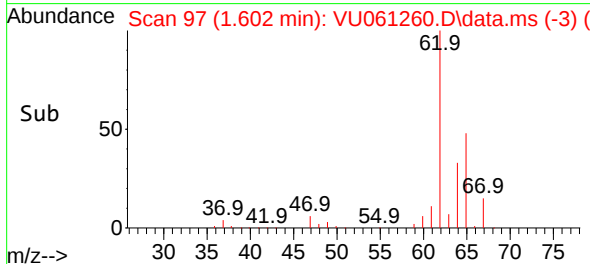
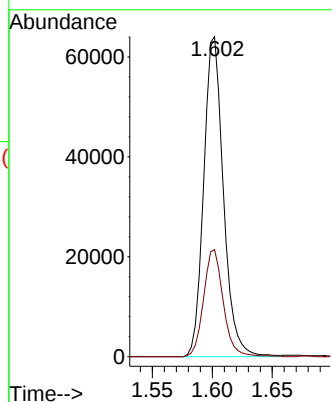
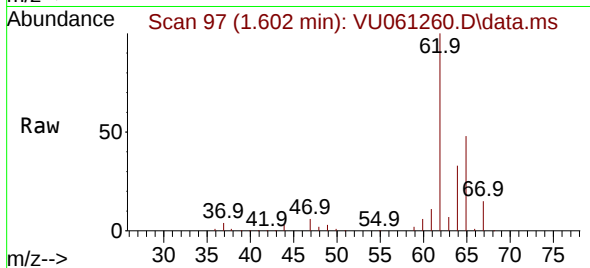
ClientSampleId :

Tgt Ion: 62 Resp: 73474

Ion Ratio Lower Upper

62 100

64 33.4 22.6 42.0



#6

Bromomethane

Concen: 4.726 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.003 min

Lab File: VU061260.D

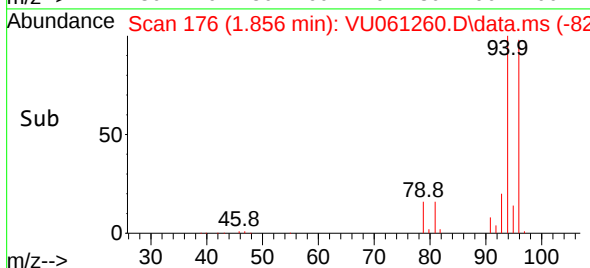
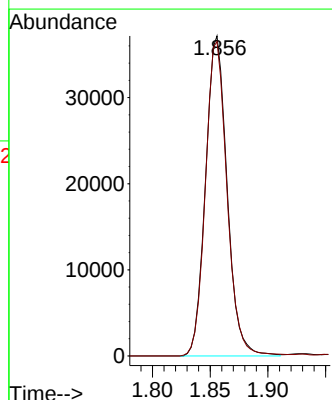
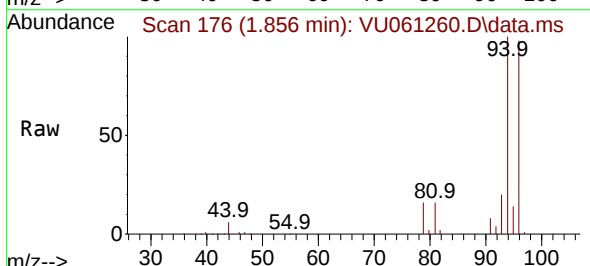
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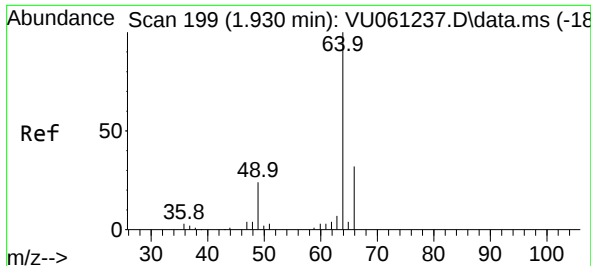
Tgt Ion: 94 Resp: 48344

Ion Ratio Lower Upper

94 100

96 98.2 66.9 124.3

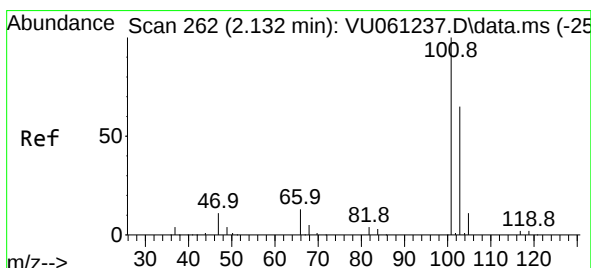
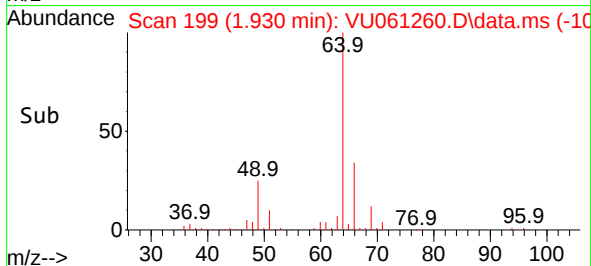
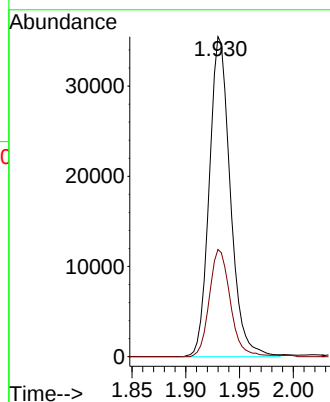
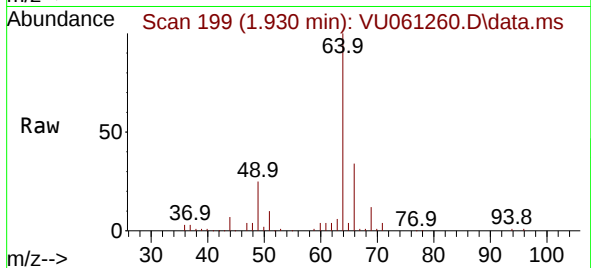




#8
Chloroethane
Concen: 4.260 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061260.D
Acq: 28 Oct 2024 09:19

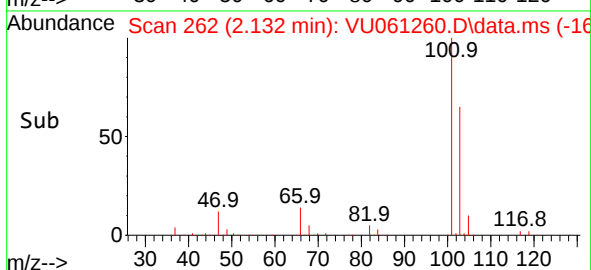
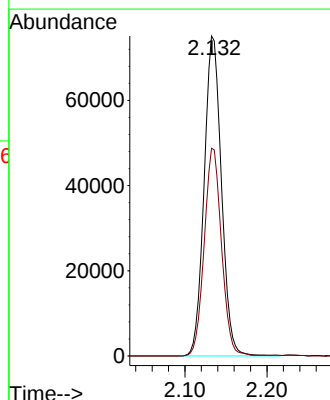
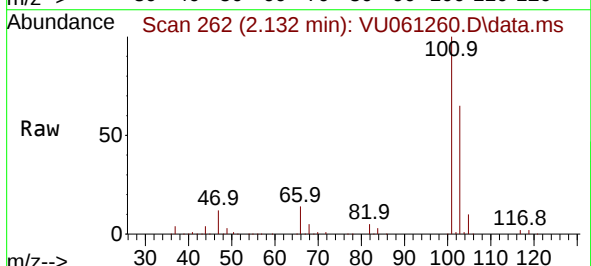
Instrument :
MSVOA_U
ClientSampleId :

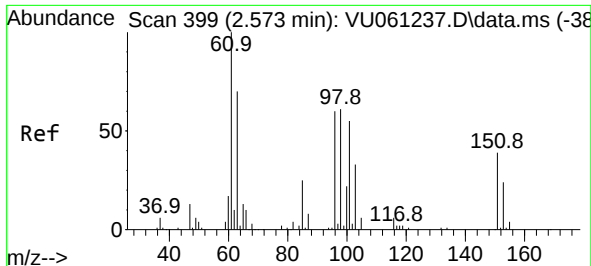
Tgt Ion: 64 Resp: 48424
Ion Ratio Lower Upper
64 100
66 33.5 23.1 42.9



#9
Trichlorofluoromethane
Concen: 5.249 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061260.D
Acq: 28 Oct 2024 09:19

Tgt Ion:101 Resp: 110053
Ion Ratio Lower Upper
101 100
103 64.7 50.6 75.8





#10

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

Concen: 5.224 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU061260.D

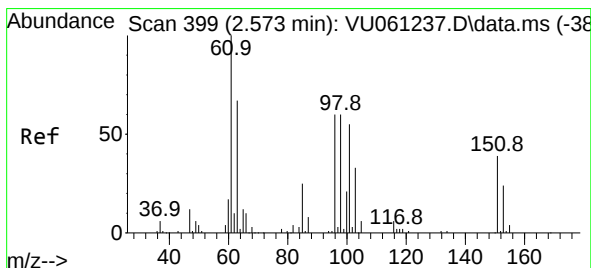
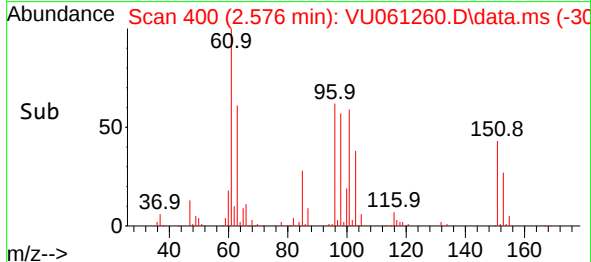
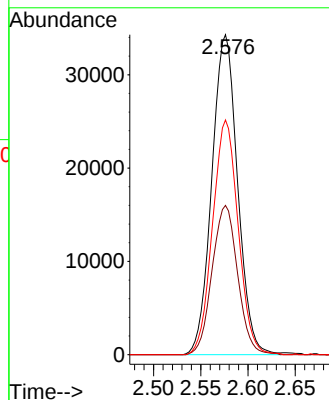
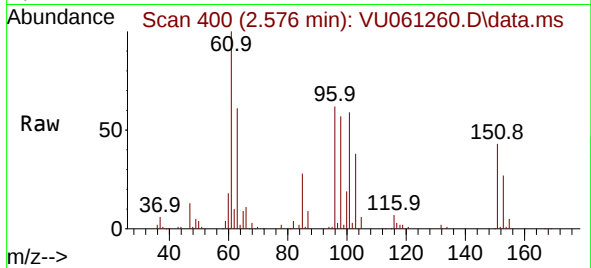
Acq: 28 Oct 2024 09:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	65042
Ion	Ratio	Lower	Upper
101	100		
85	46.2	35.6	53.4
151	72.9	55.9	83.9



#12

1,1-Dichloroethene

Concen: 5.180 ug/L

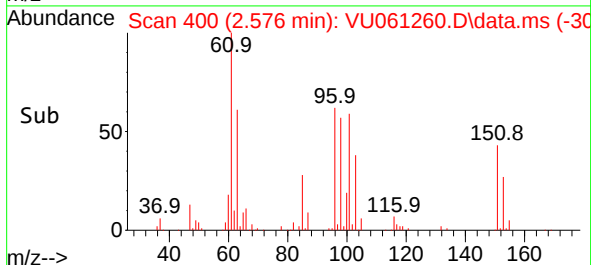
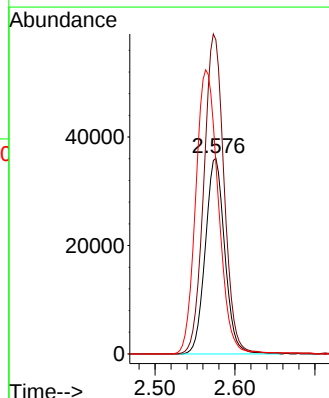
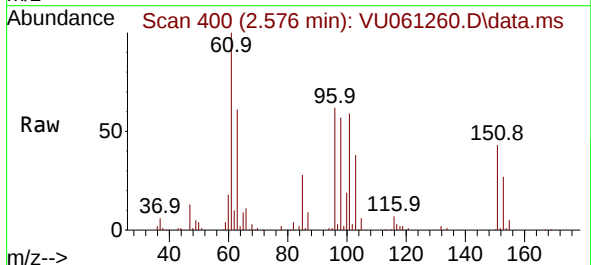
RT: 2.576 min Scan# 400

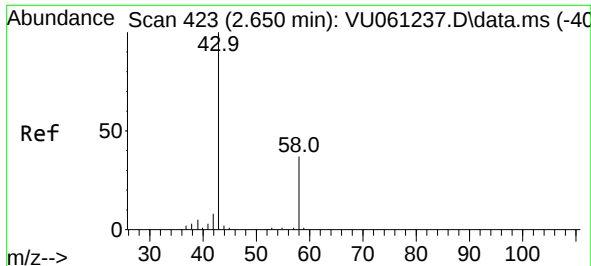
Delta R.T. 0.003 min

Lab File: VU061260.D

Acq: 28 Oct 2024 09:19

Tgt Ion:	96	Resp:	61164
Ion	Ratio	Lower	Upper
96	100		
61	160.5	119.1	221.1
63	97.5	89.4	166.0





#13

Acetone

Concen: 51.676 ug/L

RT: 2.653 min Scan# 41

Delta R.T. 0.003 min

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Acq: 28 Oct 2024 09:19

Instrument :

MSVOA_U

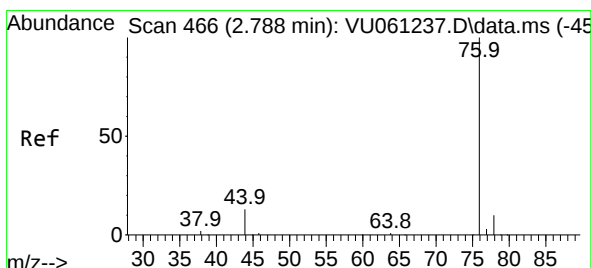
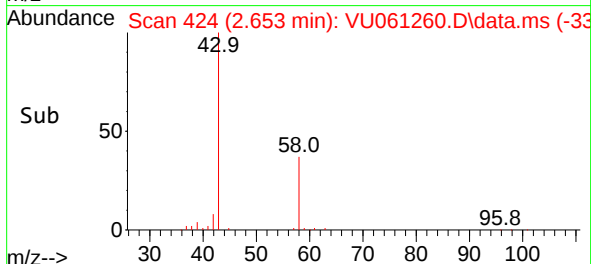
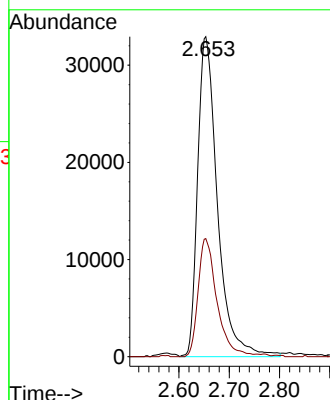
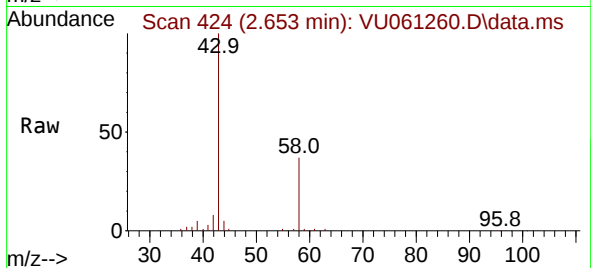
ClientSampleId :

Tgt Ion: 43 Resp: 90158

Ion Ratio Lower Upper

43 100

58 35.0 0.0 73.2



#14

Carbon disulfide

Concen: 5.029 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU061260.D

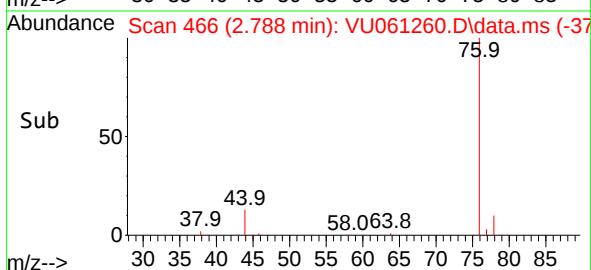
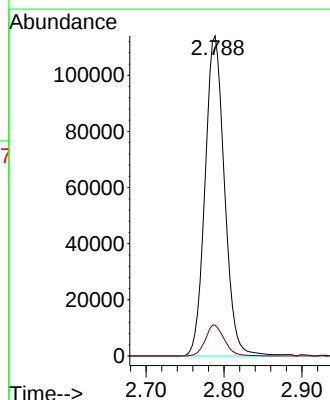
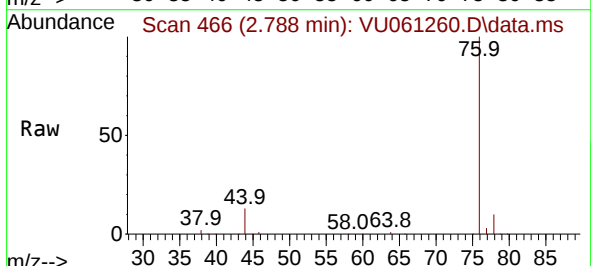
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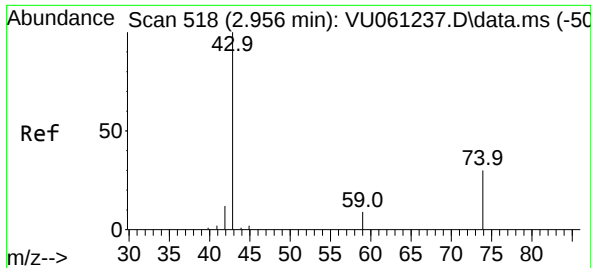
Tgt Ion: 76 Resp: 198137

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.2

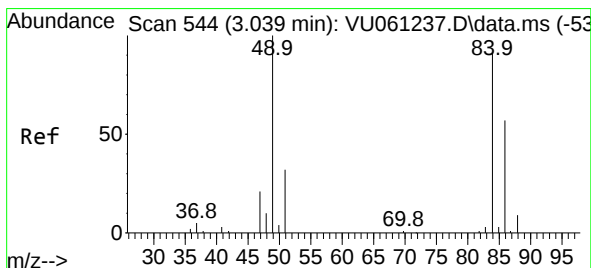
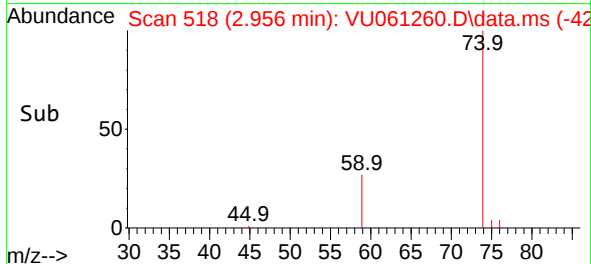
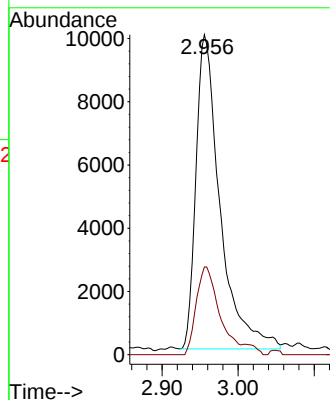
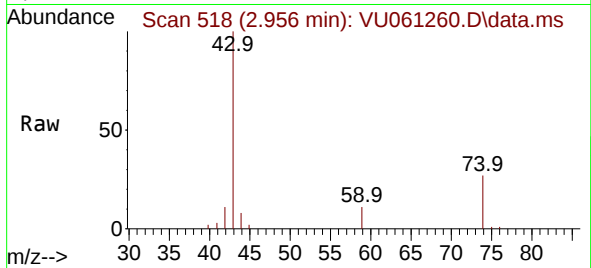




#15
Methyl Acetate
Concen: 5.062 ug/L
RT: 2.956 min Scan# 518
Delta R.T. 0.000 min
Lab File: VU061260.D
Acq: 28 Oct 2024 09:19

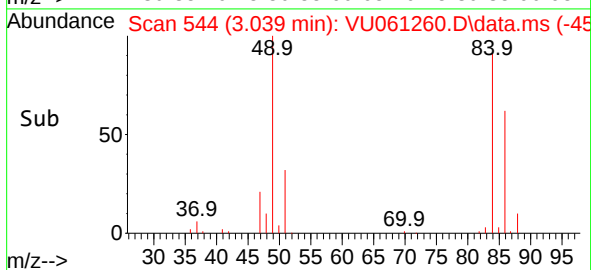
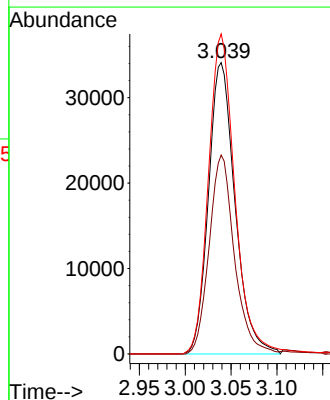
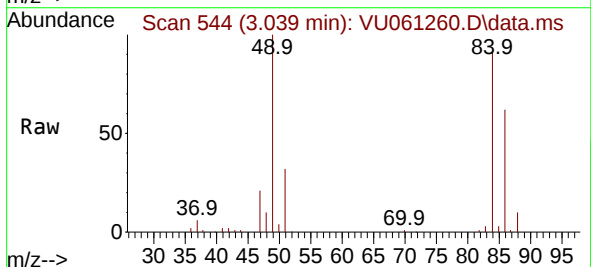
Instrument :
MSVOA_U
ClientSampleId :

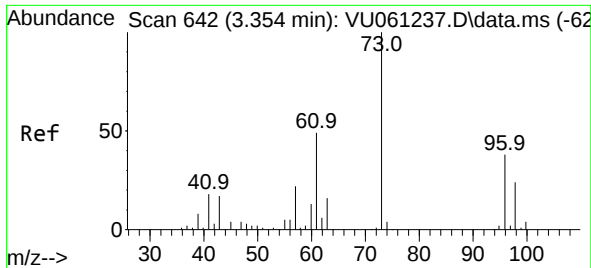
Tgt Ion: 43 Resp: 21868
Ion Ratio Lower Upper
43 100
74 26.6 22.2 33.4



#16
Methylene chloride
Concen: 4.944 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU061260.D
Acq: 28 Oct 2024 09:19

Tgt Ion: 84 Resp: 68791
Ion Ratio Lower Upper
84 100
86 68.3 43.5 80.7
49 109.8 75.7 140.7

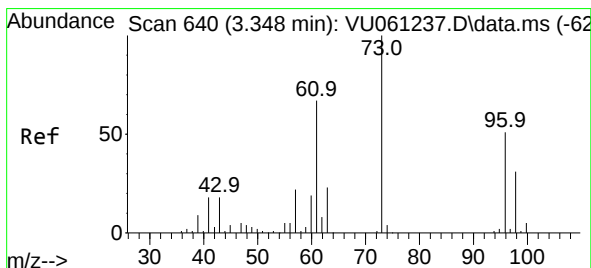
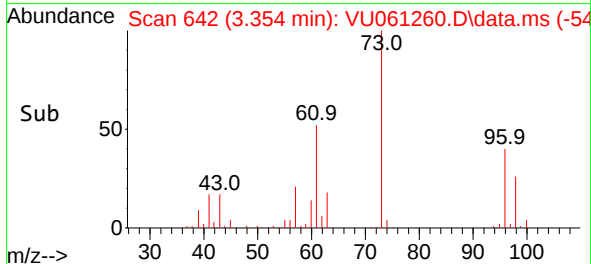
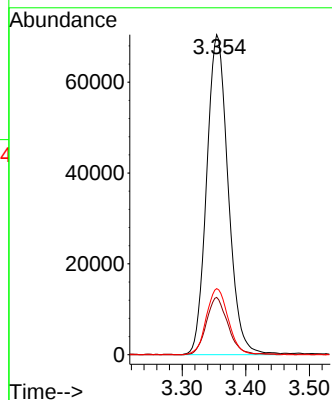
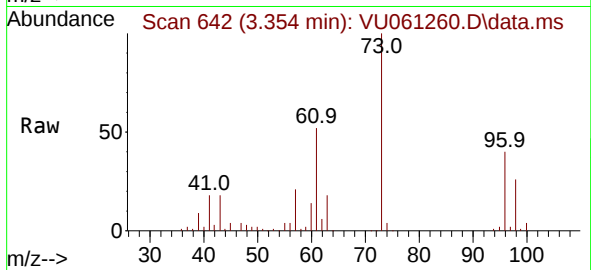




#17
Methyl tert-butyl Ether
Concen: 5.166 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061260.D
Acq: 28 Oct 2024 09:19

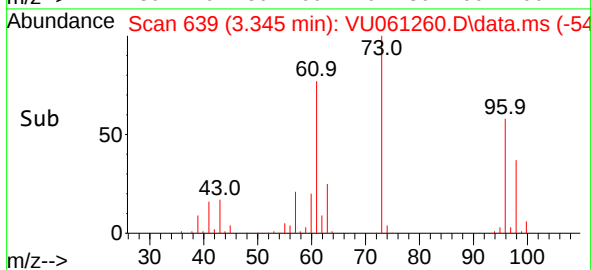
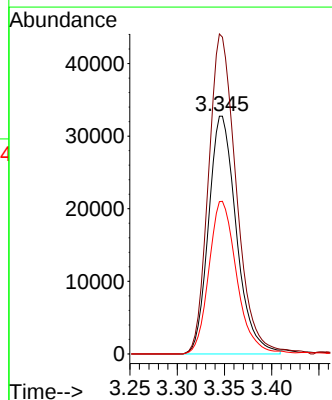
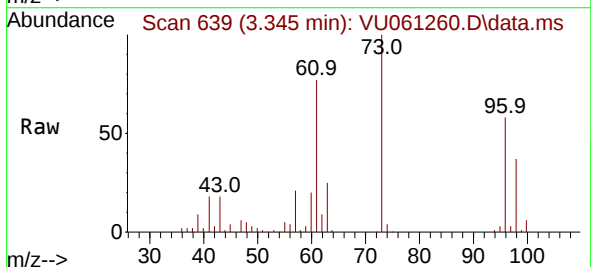
Instrument :
MSVOA_U
ClientSampleId :

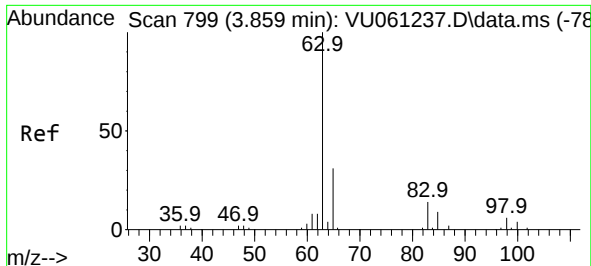
Tgt Ion: 73 Resp: 165328
Ion Ratio Lower Upper
73 100
43 17.9 15.0 22.4
57 21.1 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 5.125 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU061260.D
Acq: 28 Oct 2024 09:19

Tgt Ion: 96 Resp: 66920
Ion Ratio Lower Upper
96 100
61 134.6 97.9 181.7
98 64.1 46.2 85.8

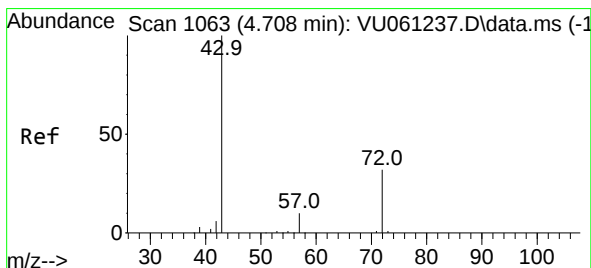
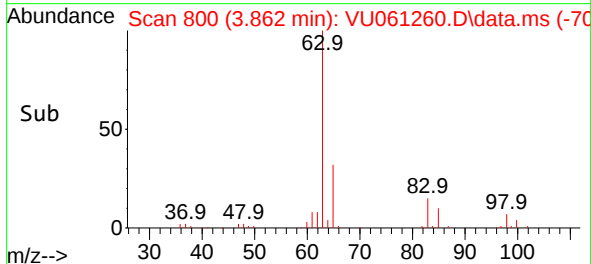
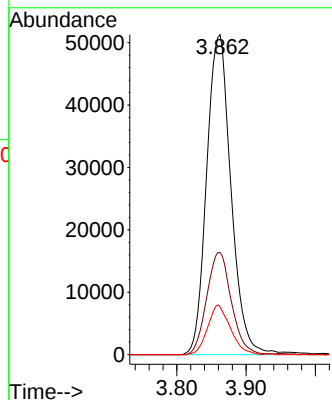
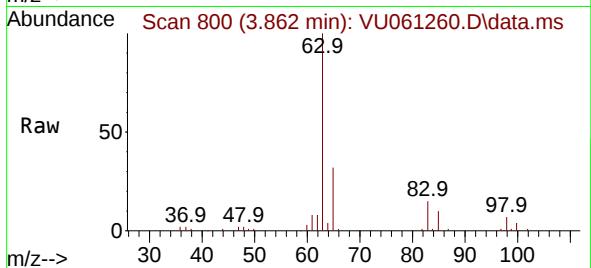




#19
1,1-Dichloroethane
Concen: 5.079 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU061260.D
Acq: 28 Oct 2024 09:19

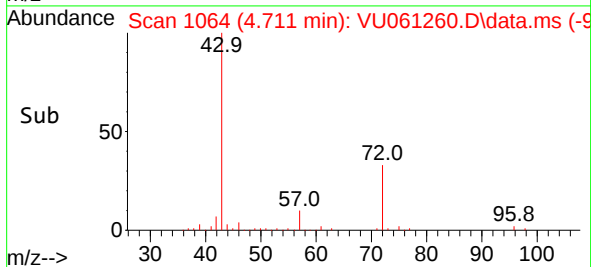
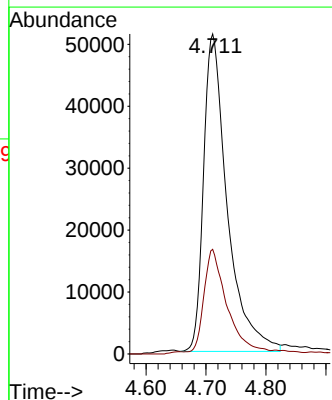
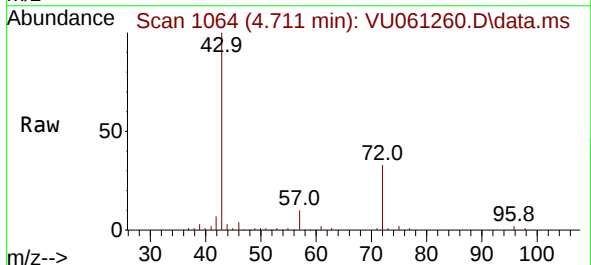
Instrument :
MSVOA_U
ClientSampleId :

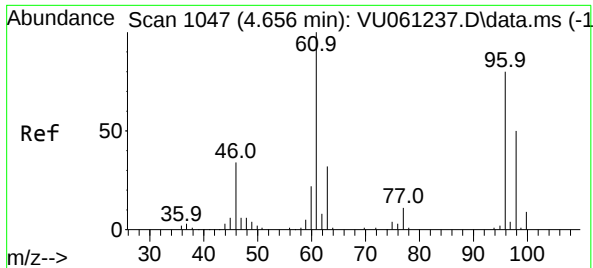
Tgt Ion: 63 Resp: 125069
Ion Ratio Lower Upper
63 100
65 31.9 23.0 42.6
83 15.0 9.7 17.9



#21
2-Butanone
Concen: 51.018 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.003 min
Lab File: VU061260.D
Acq: 28 Oct 2024 09:19

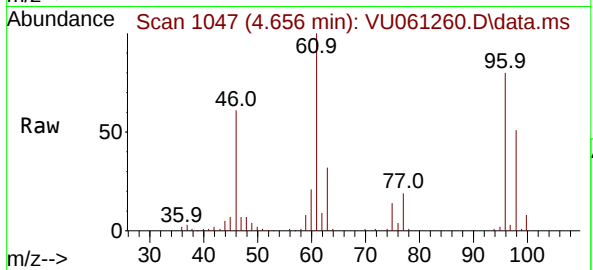
Tgt Ion: 43 Resp: 141109
Ion Ratio Lower Upper
43 100
72 31.0 15.9 47.6





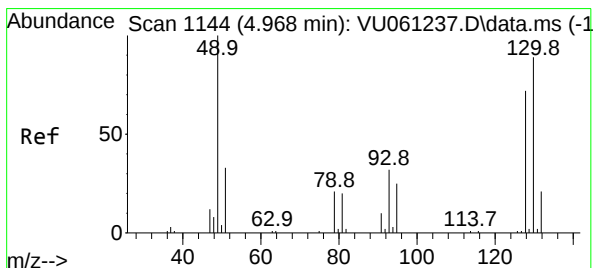
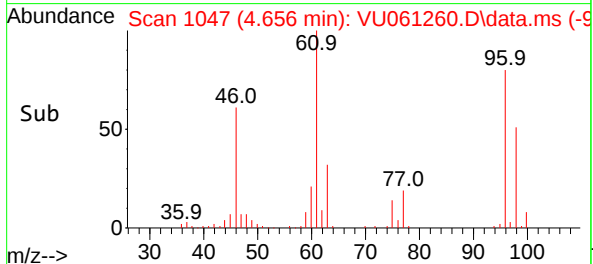
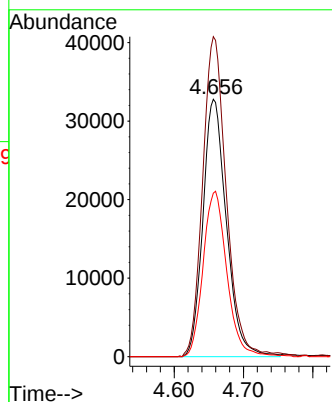
#22
 cis-1,2-Dichloroethene
 Concen: 5.185 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061260.D
 Acq: 28 Oct 2024 09:19

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 77326

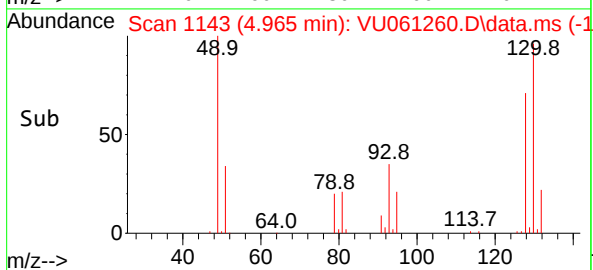
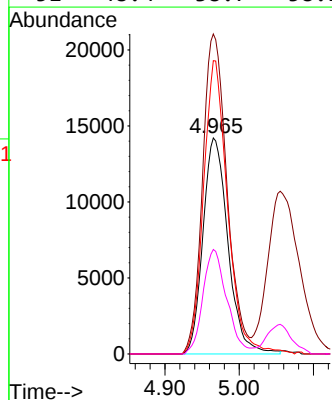
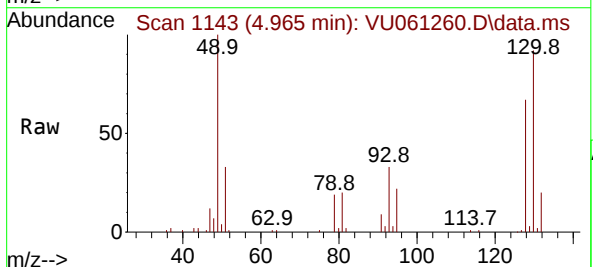
Ion	Ratio	Lower	Upper
96	100		
61	124.3	88.1	163.5
98	63.5	45.0	83.6

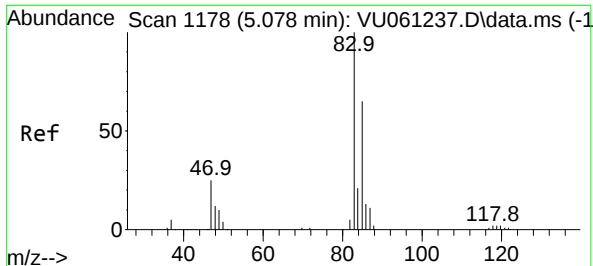


#23
 Bromochloromethane
 Concen: 5.296 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU061260.D
 Acq: 28 Oct 2024 09:19

Tgt Ion: 128 Resp: 33239

Ion	Ratio	Lower	Upper
128	100		
49	148.2	105.1	195.1
130	135.8	89.6	166.4
51	48.4	38.7	58.1





#25

Chloroform

Concen: 5.161 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061260.D

Acq: 28 Oct 2024 09:19

Instrument :

MSVOA_U

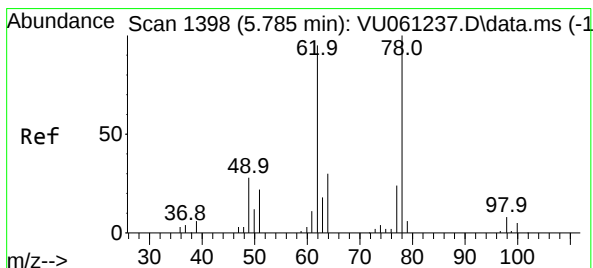
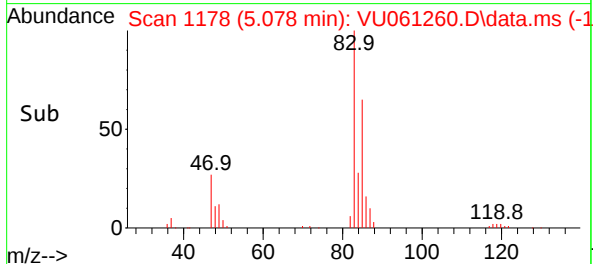
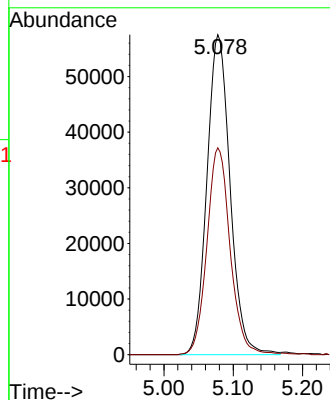
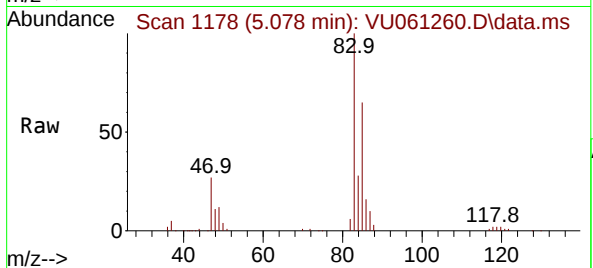
ClientSampleId :

Tgt Ion: 83 Resp: 133634

Ion Ratio Lower Upper

83 100

85 64.7 45.6 84.6



#27

1,2-Dichloroethane

Concen: 4.951 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU061260.D

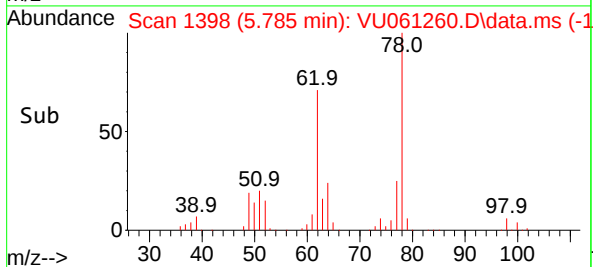
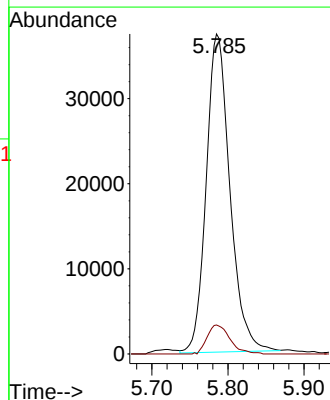
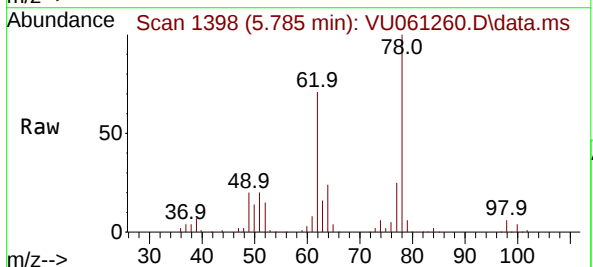
Acq: 28 Oct 2024 09:19

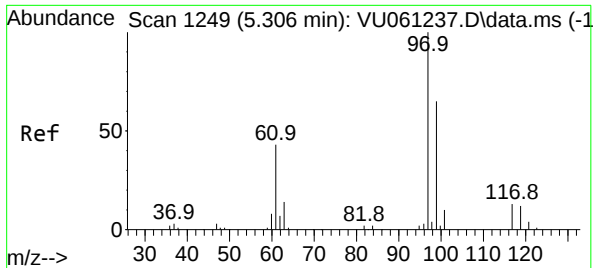
Tgt Ion: 62 Resp: 81016

Ion Ratio Lower Upper

62 100

98 9.0 7.4 11.0

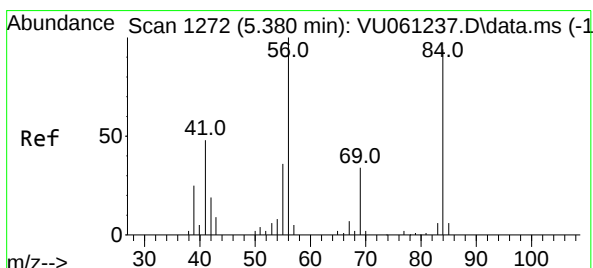
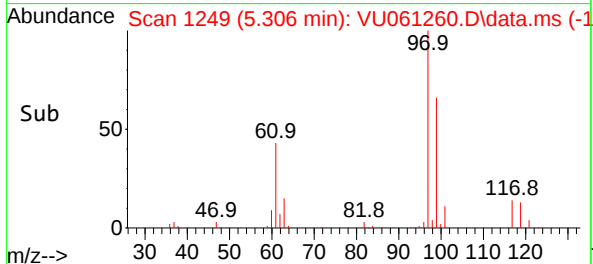
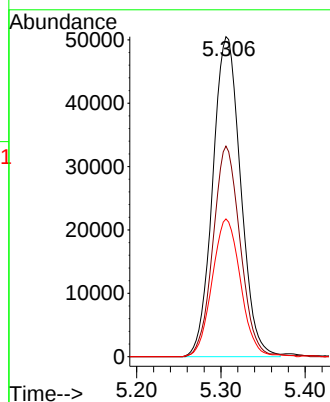
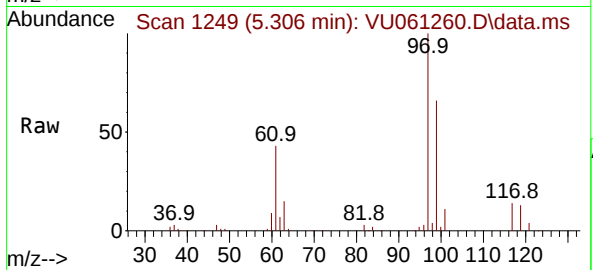




#29
1,1,1-Trichloroethane
Concen: 5.148 ug/L
RT: 5.306 min Scan# 116163
Delta R.T. 0.000 min
Lab File: VU061260.D
Acq: 28 Oct 2024 09:19

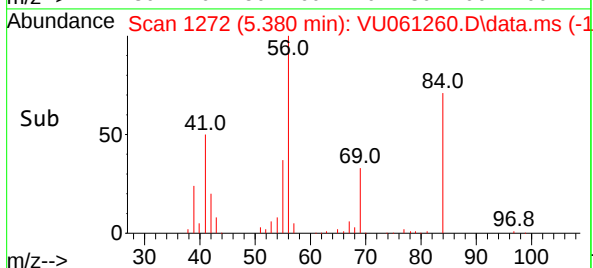
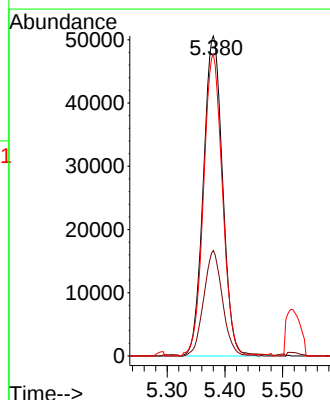
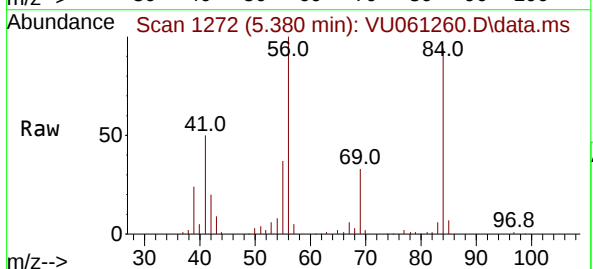
Instrument :
MSVOA_U
ClientSampleId :

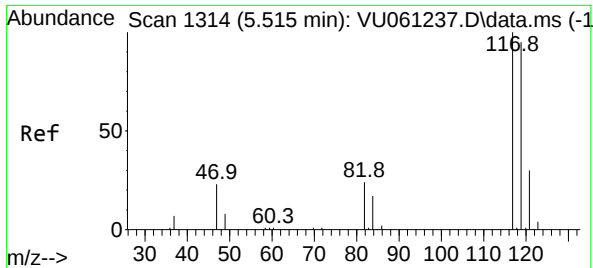
Tgt Ion: 97 Resp: 116163
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 43.9 36.1 54.1



#30
Cyclohexane
Concen: 5.159 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU061260.D
Acq: 28 Oct 2024 09:19

Tgt Ion: 56 Resp: 116748
Ion Ratio Lower Upper
56 100
69 32.2 25.8 38.6
84 93.0 73.9 110.9

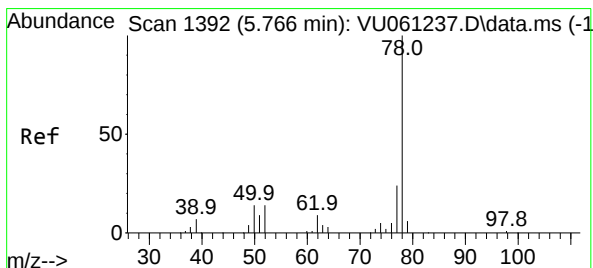
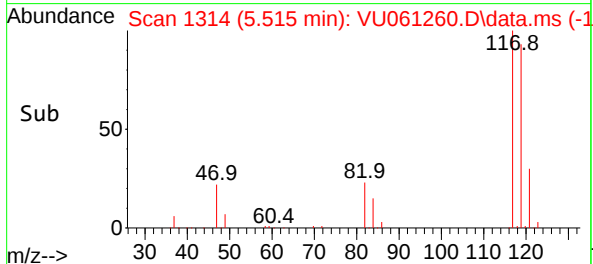
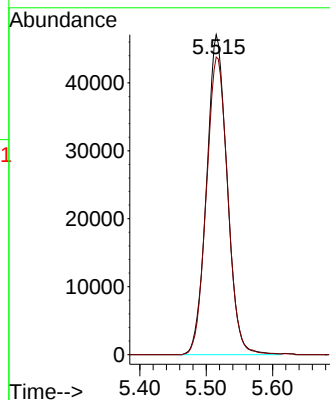
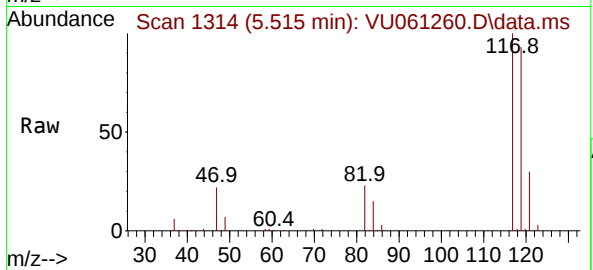




#31
Carbon tetrachloride
Concen: 5.256 ug/L
RT: 5.515 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU061260.D
Acq: 28 Oct 2024 09:19

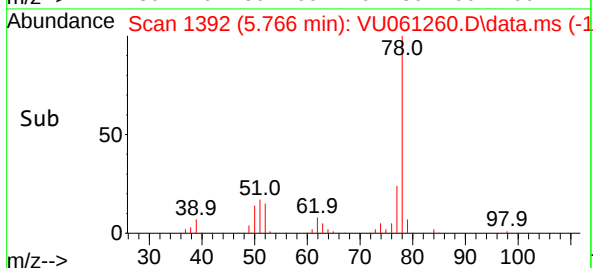
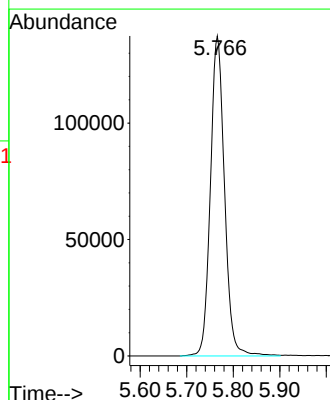
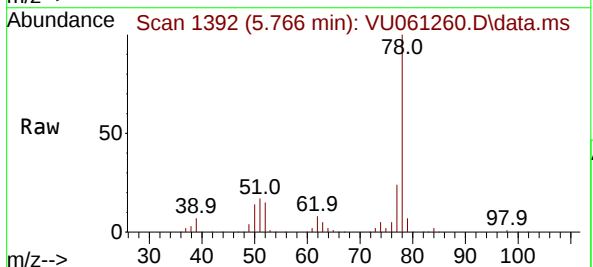
Instrument :
MSVOA_U
ClientSampleId :

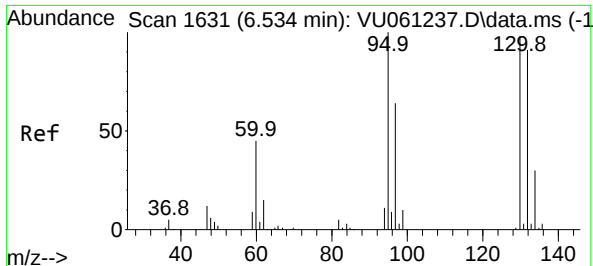
Tgt Ion:117 Resp: 101478
Ion Ratio Lower Upper
117 100
119 96.6 75.5 113.3



#33
Benzene
Concen: 5.092 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061260.D
Acq: 28 Oct 2024 09:19

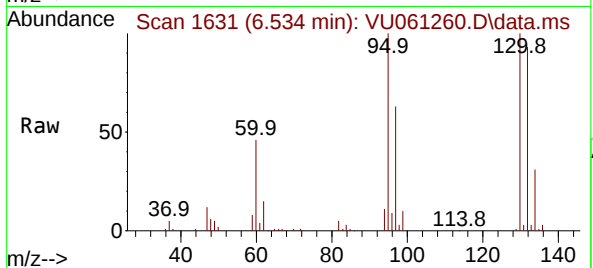
Tgt Ion: 78 Resp: 290192





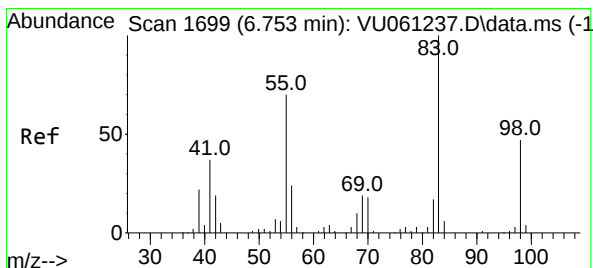
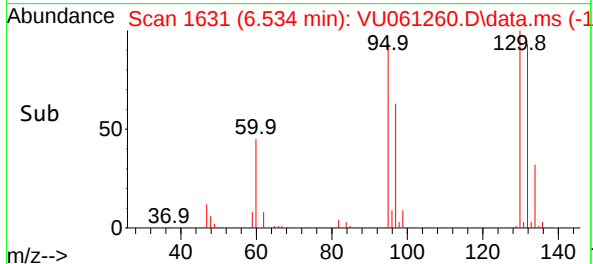
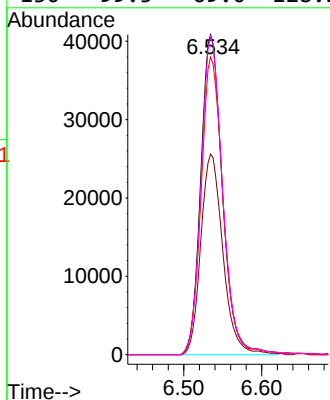
#34
Trichloroethene
Concen: 5.083 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061260.D
Acq: 28 Oct 2024 09:19

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 78800

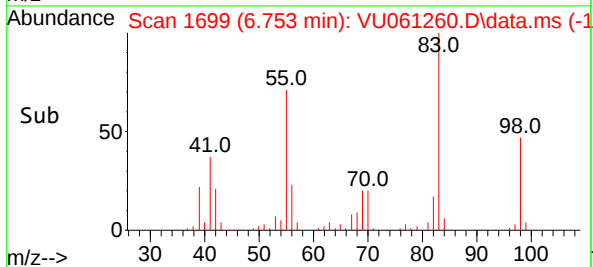
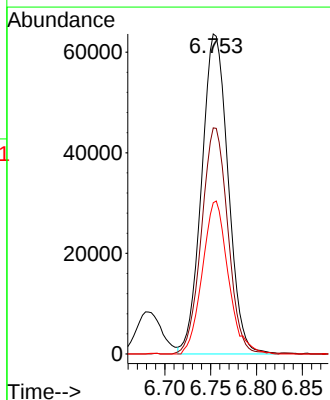
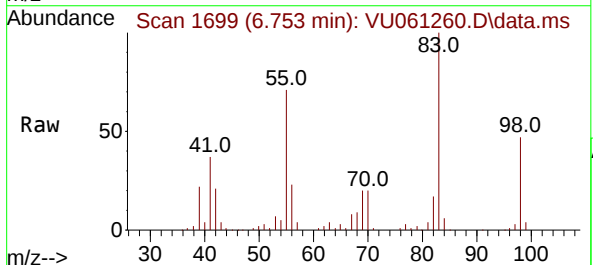
Ion	Ratio	Lower	Upper
95	100		
97	62.7	46.1	85.7
132	93.0	66.1	122.7
130	99.5	69.0	128.2

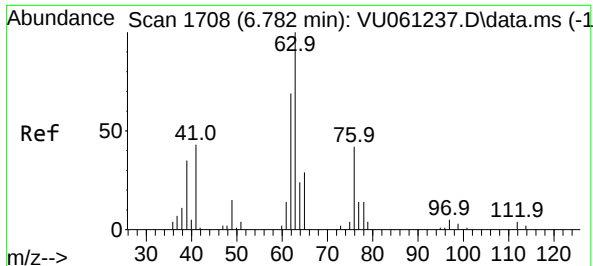


#35
Methylcyclohexane
Concen: 5.191 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU061260.D
Acq: 28 Oct 2024 09:19

Tgt Ion: 83 Resp: 128070

Ion	Ratio	Lower	Upper
83	100		
55	70.1	55.9	83.9
98	46.6	35.9	53.9

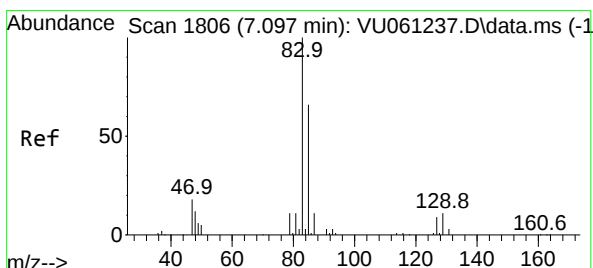
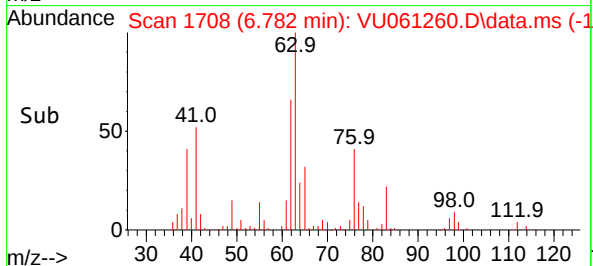
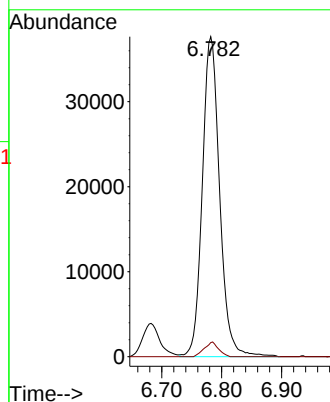
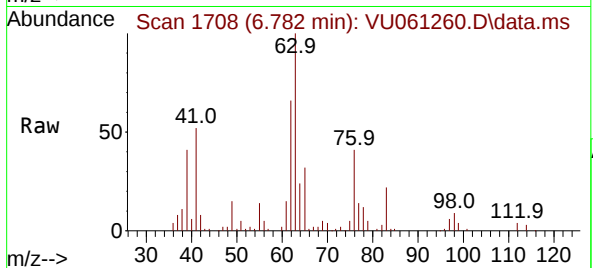




#37
1,2-Dichloropropane
Concen: 5.247 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VU061260.D
Acq: 28 Oct 2024 09:19

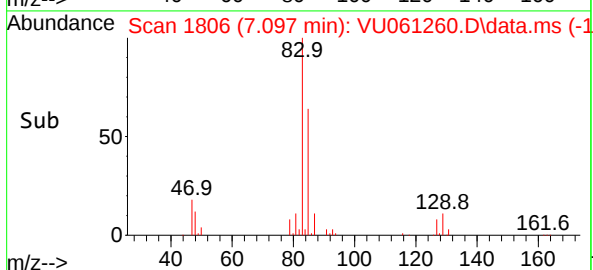
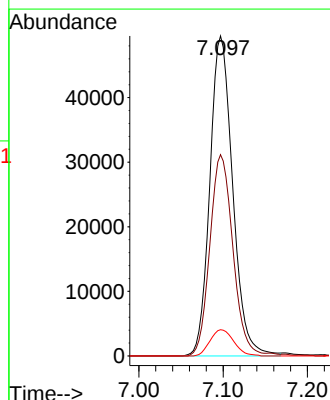
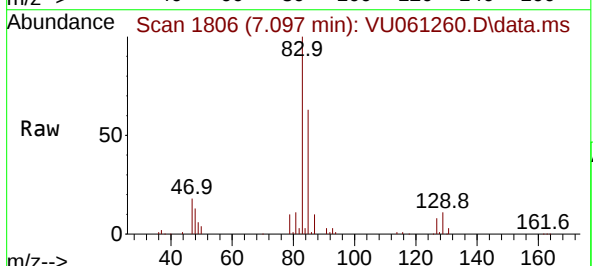
Instrument :
MSVOA_U
ClientSampleId :

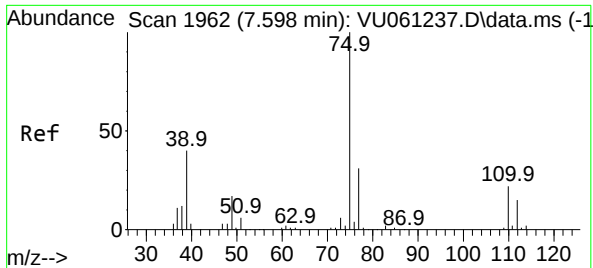
Tgt Ion: 63 Resp: 75784
Ion Ratio Lower Upper
63 100
112 3.8 3.0 4.4



#38
Bromodichloromethane
Concen: 5.108 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061260.D
Acq: 28 Oct 2024 09:19

Tgt Ion: 83 Resp: 93383
Ion Ratio Lower Upper
83 100
85 62.9 43.8 81.4
127 8.2 7.4 11.0

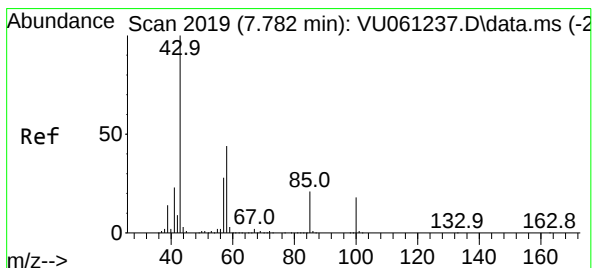
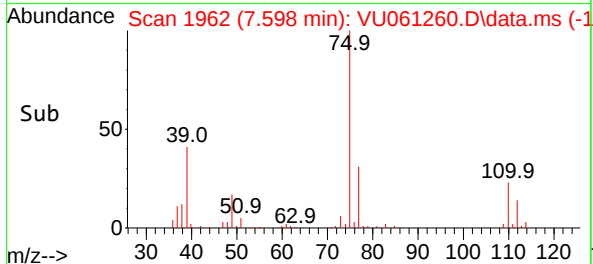
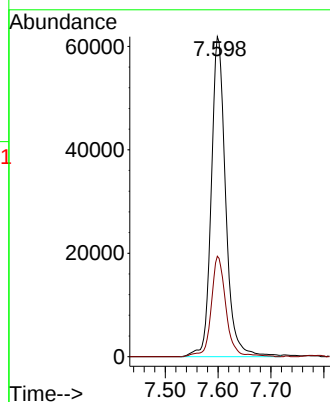
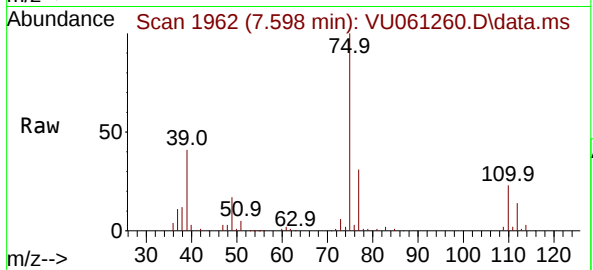




#39
 cis-1,3-Dichloropropene
 Concen: 5.262 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU061260.D
 Acq: 28 Oct 2024 09:19

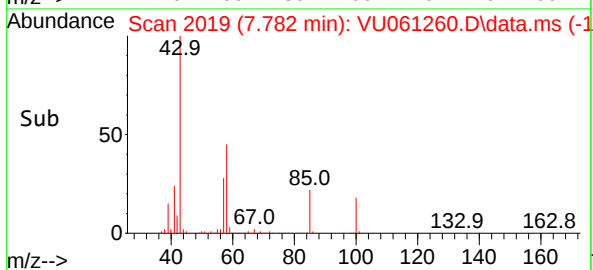
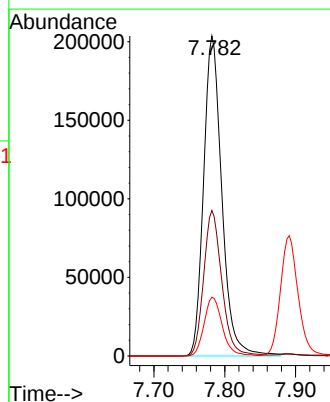
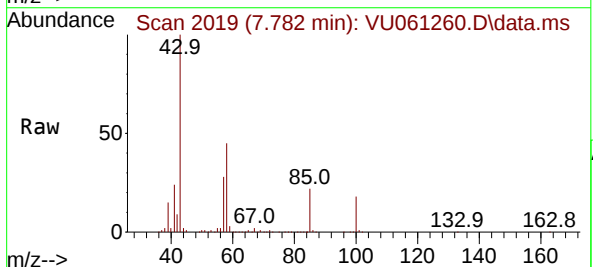
Instrument :
 MSVOA_U
 ClientSampleId :

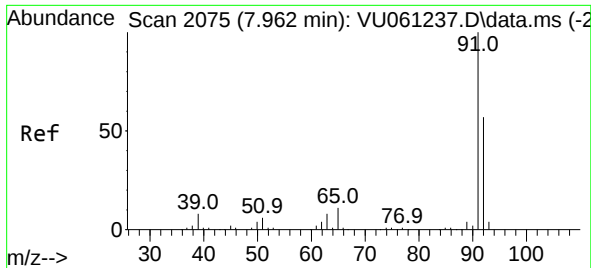
Tgt Ion: 75 Resp: 117389
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 50.649 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU061260.D
 Acq: 28 Oct 2024 09:19

Tgt Ion: 43 Resp: 364119
 Ion Ratio Lower Upper
 43 100
 58 45.3 35.1 52.7
 100 18.3 14.0 21.0





#42

Toluene

Concen: 5.149 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061260.D

Acq: 28 Oct 2024 09:19

Instrument :

MSVOA_U

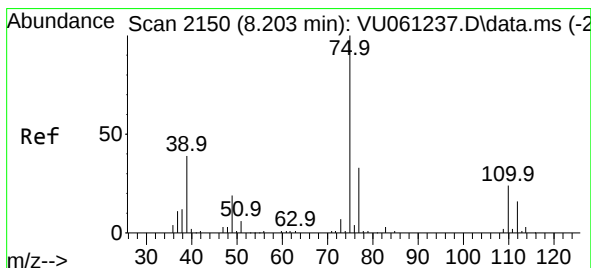
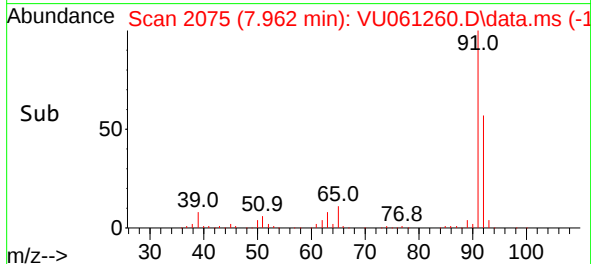
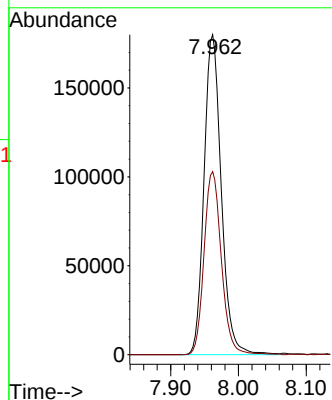
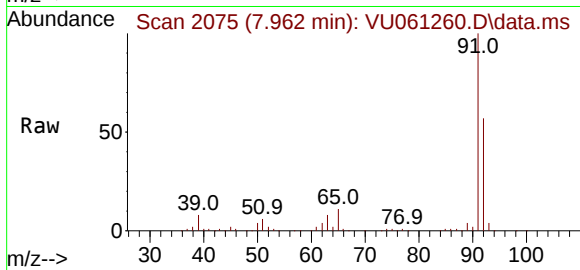
ClientSampleId :

Tgt Ion: 91 Resp: 318642

Ion Ratio Lower Upper

91 100

92 57.2 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 5.217 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061260.D

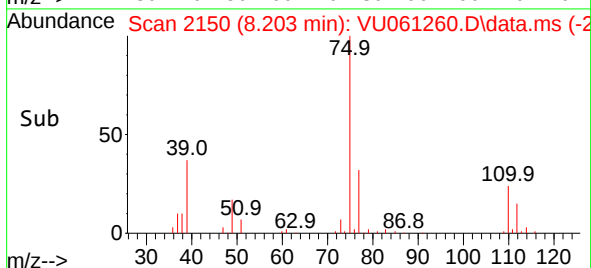
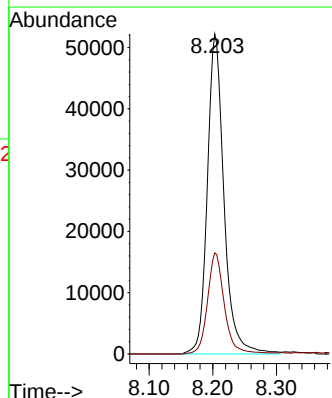
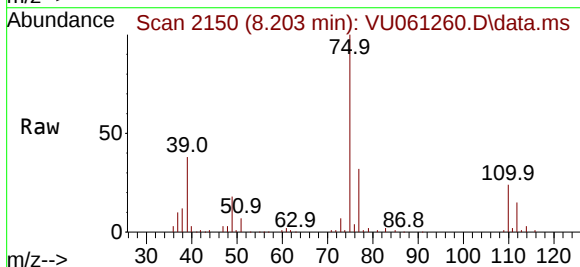
Acq: 28 Oct 2024 09:19

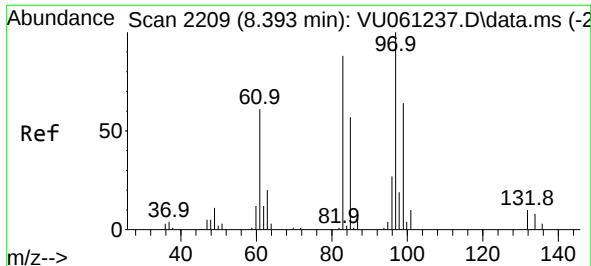
Tgt Ion: 75 Resp: 94835

Ion Ratio Lower Upper

75 100

77 31.6 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 5.216 ug/L

RT: 8.389 min Scan# 2208

Delta R.T. -0.003 min

Lab File: VU061260.D

Acq: 28 Oct 2024 09:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 54215

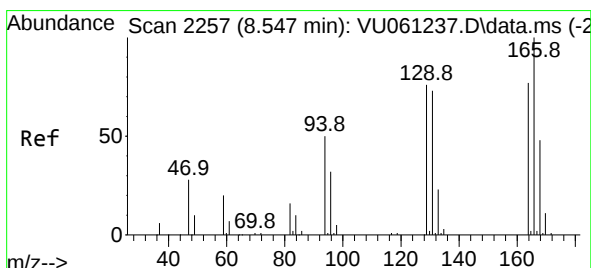
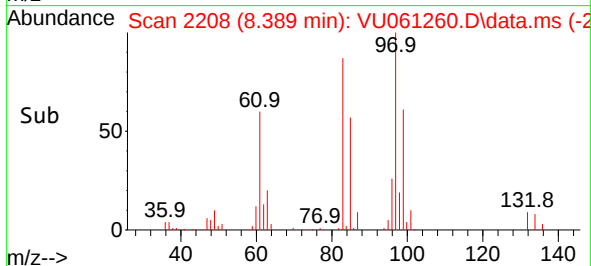
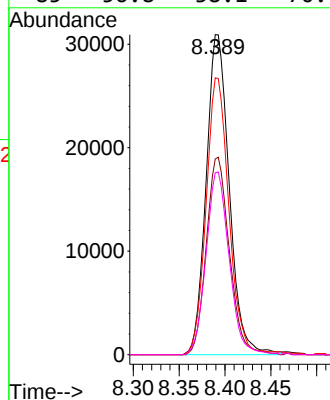
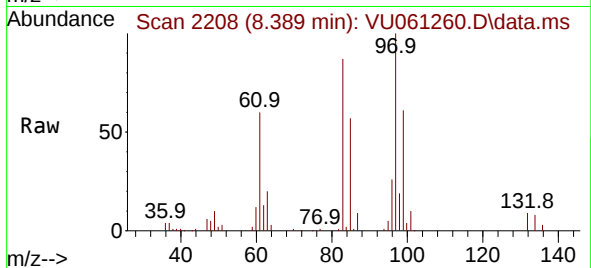
Ion Ratio Lower Upper

97 100

99 61.1 44.1 81.9

83 86.5 61.2 113.6

85 56.8 38.1 70.7



#47

Tetrachloroethene

Concen: 5.306 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU061260.D

Acq: 28 Oct 2024 09:19

Tgt Ion:164 Resp: 57449

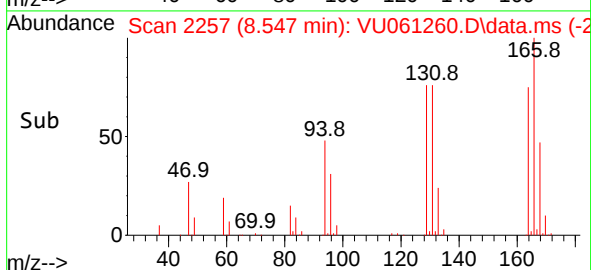
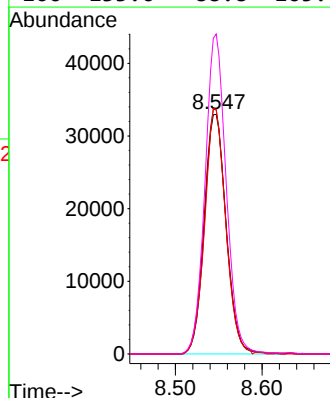
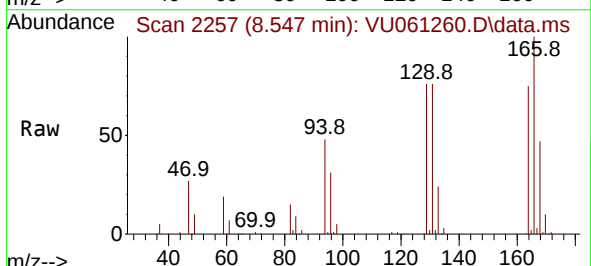
Ion Ratio Lower Upper

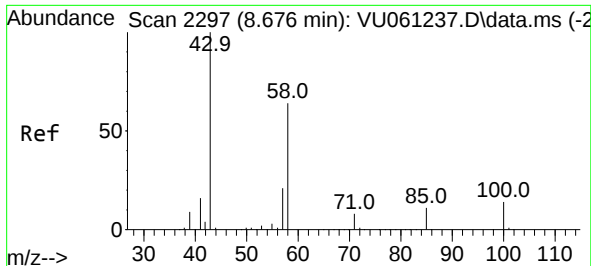
164 100

129 101.9 69.9 129.7

131 102.1 68.3 126.8

166 133.6 88.8 165.0

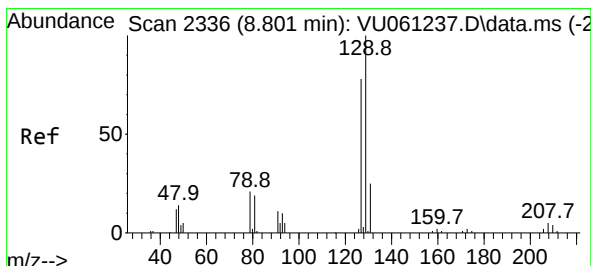
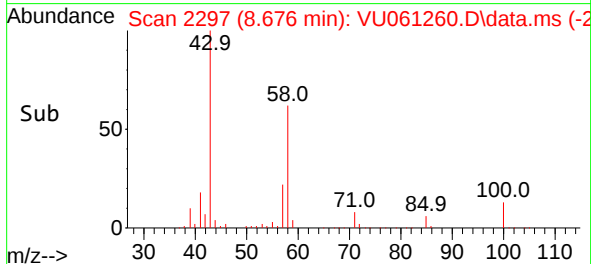
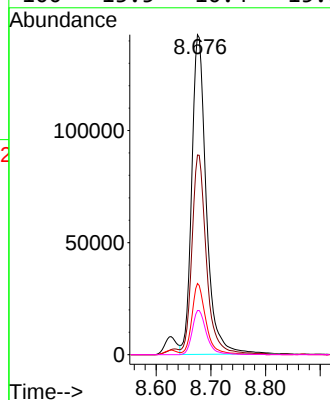
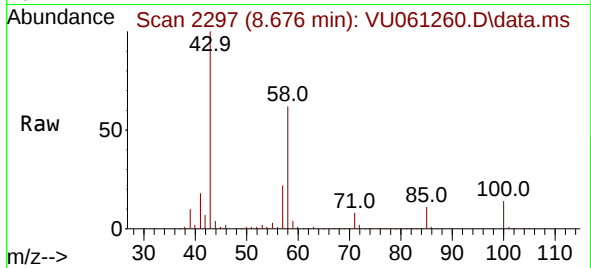




#48
2-Hexanone
Concen: 51.846 ug/L
RT: 8.676 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061260.D
Acq: 28 Oct 2024 09:19

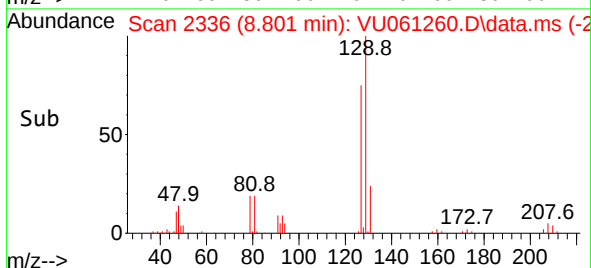
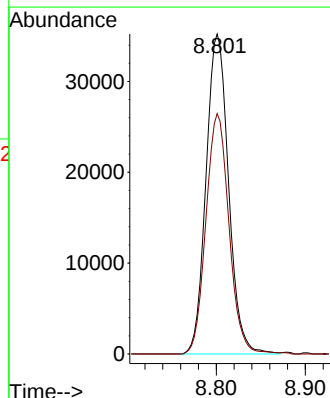
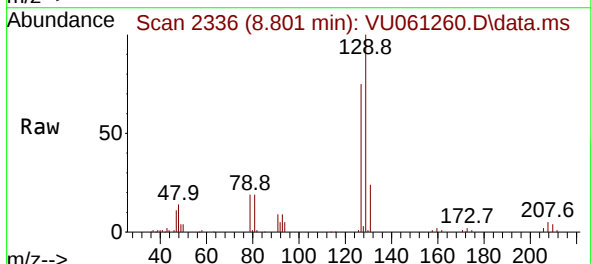
Instrument :
MSVOA_U
ClientSampleId :

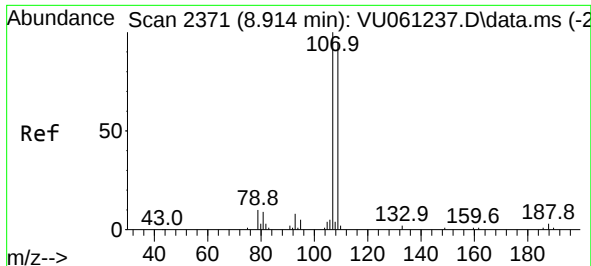
Tgt Ion: 43 Resp: 263570
Ion Ratio Lower Upper
43 100
58 61.4 48.6 72.8
57 21.1 17.0 25.6
100 13.5 10.4 15.6



#49
Dibromochloromethane
Concen: 5.240 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061260.D
Acq: 28 Oct 2024 09:19

Tgt Ion: 129 Resp: 61782
Ion Ratio Lower Upper
129 100
127 75.1 51.8 96.2





#50

1,2-Dibromoethane

Concen: 5.083 ug/L

RT: 8.917 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061260.D

Acq: 28 Oct 2024 09:19

Instrument :

MSVOA_U

ClientSampleId :

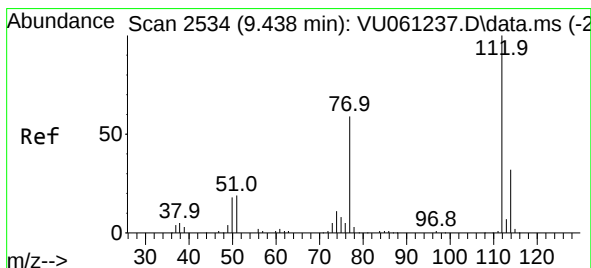
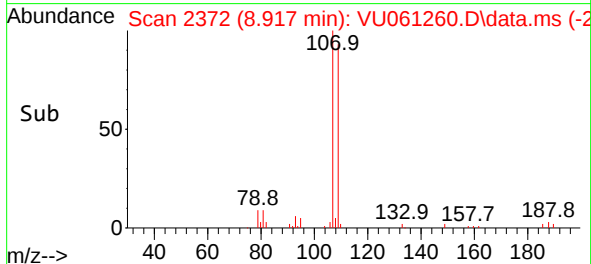
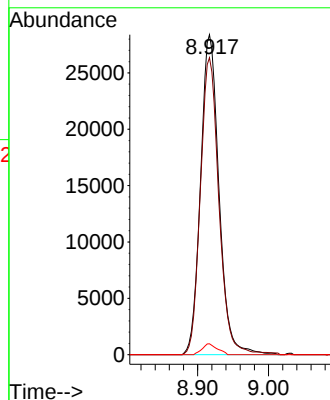
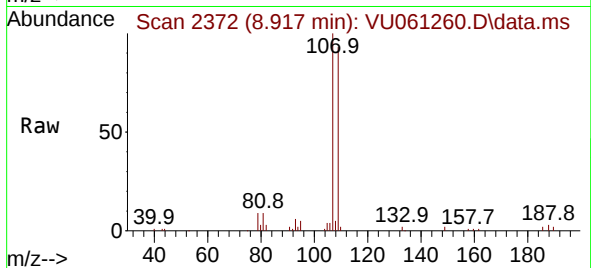
Tgt Ion:107 Resp: 51335

Ion Ratio Lower Upper

107 100

109 92.8 63.4 117.8

188 3.4 2.6 3.8



#51

Chlorobenzene

Concen: 5.119 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU061260.D

Acq: 28 Oct 2024 09:19

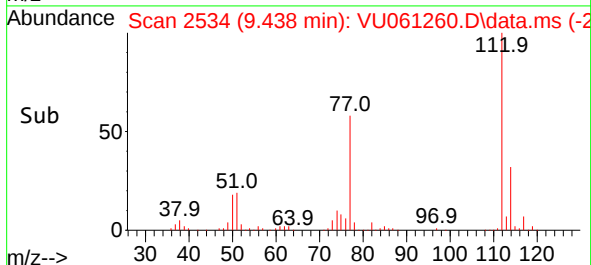
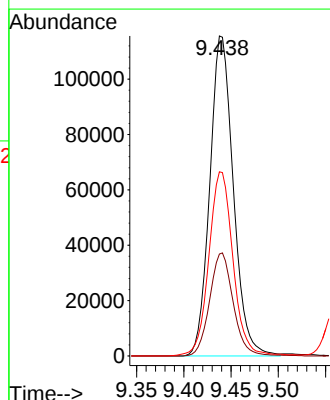
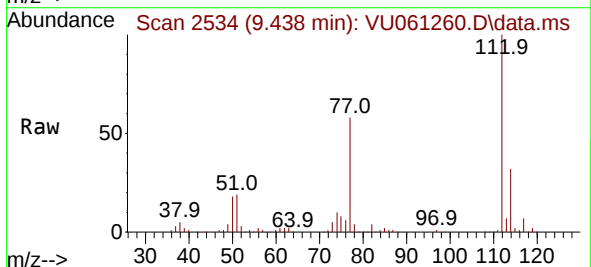
Tgt Ion:112 Resp: 200239

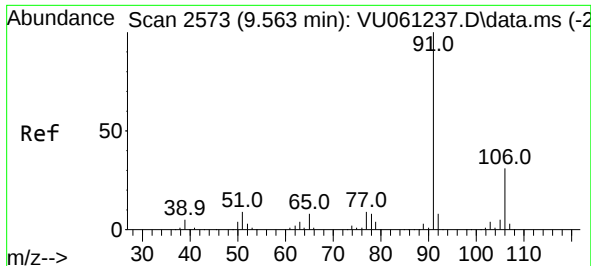
Ion Ratio Lower Upper

112 100

114 31.8 22.9 42.5

77 57.6 47.1 70.7

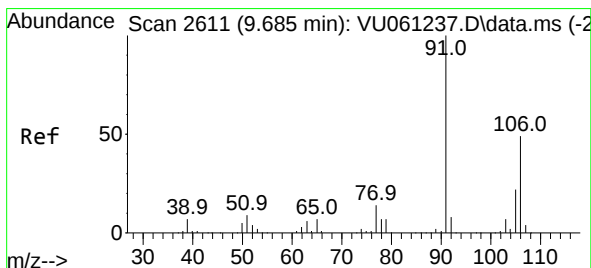
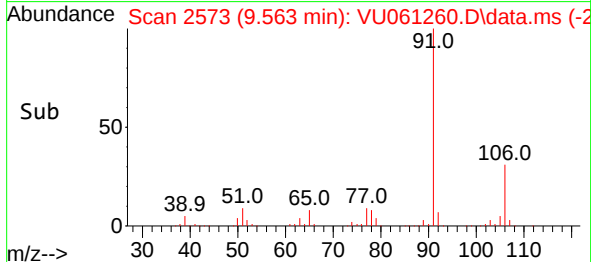
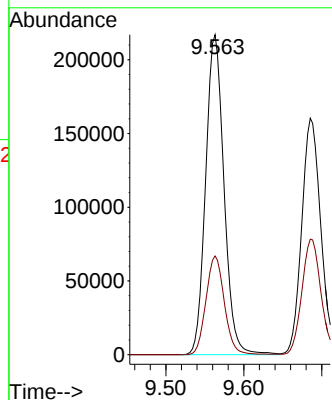
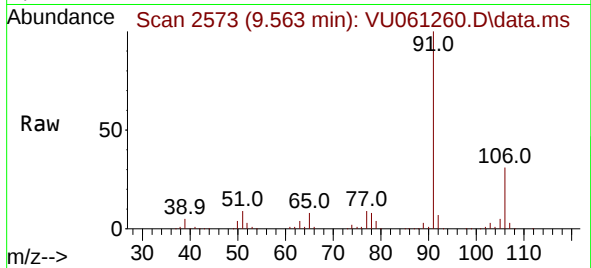




#52
Ethylbenzene
Concen: 5.214 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061260.D
Acq: 28 Oct 2024 09:19

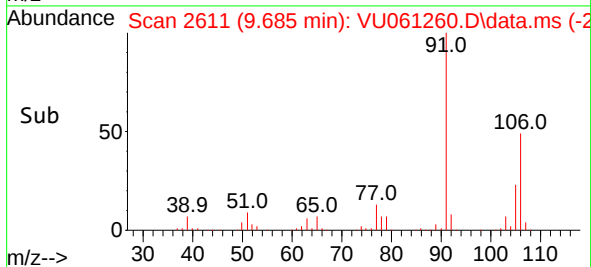
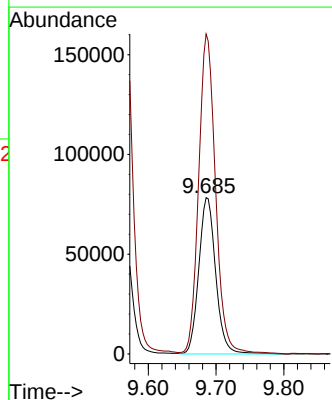
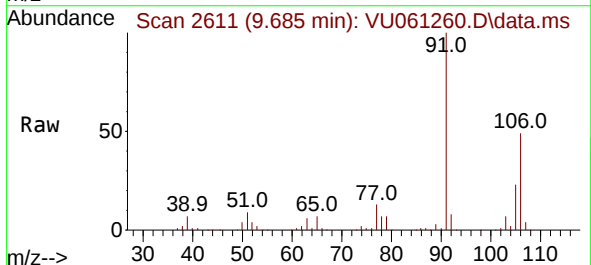
Instrument :
MSVOA_U
ClientSampleId :

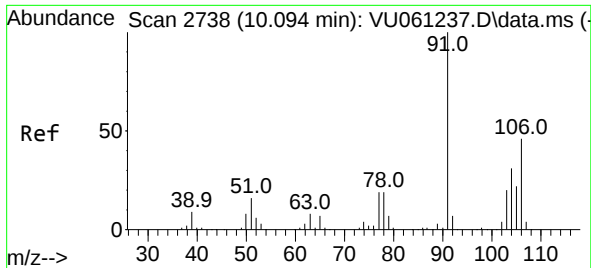
Tgt Ion: 91 Resp: 354889
Ion Ratio Lower Upper
91 100
106 30.9 22.0 41.0



#53
m,p-Xylene
Concen: 5.241 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU061260.D
Acq: 28 Oct 2024 09:19

Tgt Ion: 106 Resp: 135907
Ion Ratio Lower Upper
106 100
91 204.7 145.7 270.7

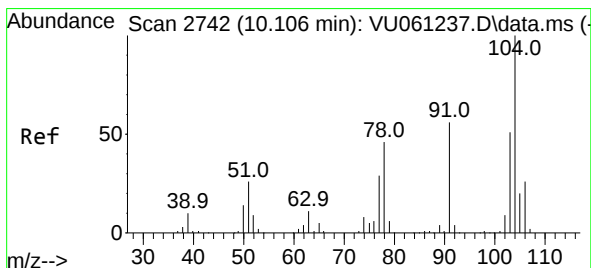
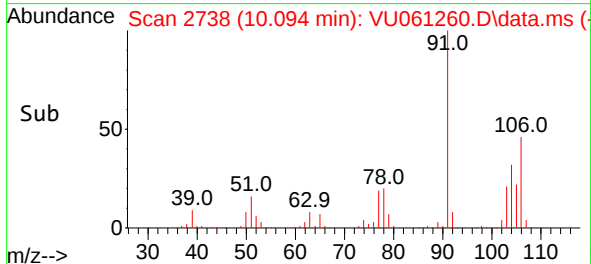
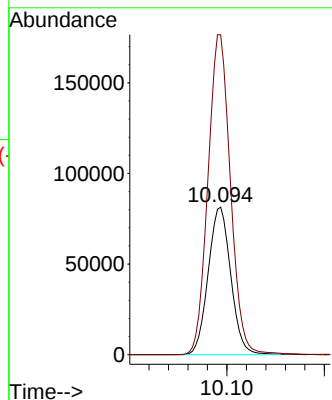
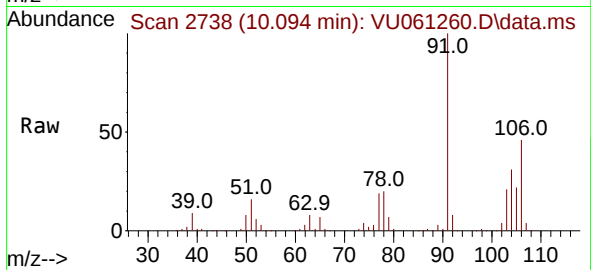




#54
o-Xylene
Concen: 5.116 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU061260.D
Acq: 28 Oct 2024 09:19

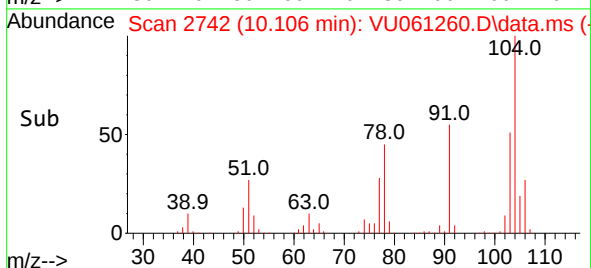
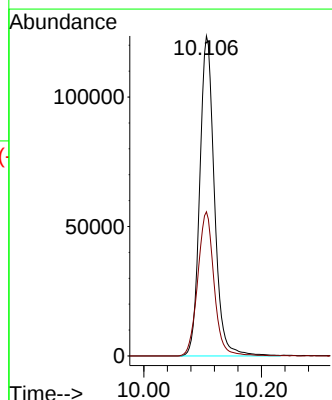
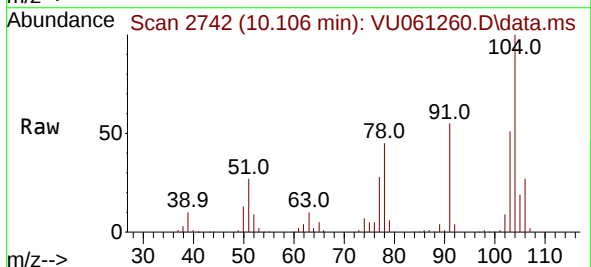
Instrument :
MSVOA_U
ClientSampleId :

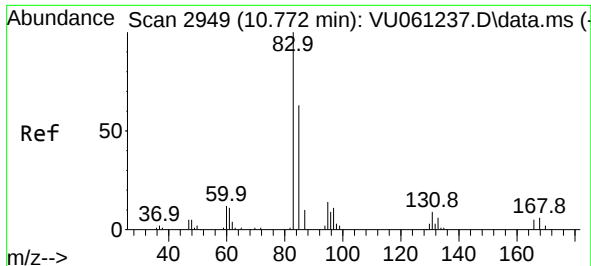
Tgt Ion:106 Resp: 130947
Ion Ratio Lower Upper
106 100
91 216.8 148.8 276.4



#55
Styrene
Concen: 5.213 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU061260.D
Acq: 28 Oct 2024 09:19

Tgt Ion:104 Resp: 213871
Ion Ratio Lower Upper
104 100
78 45.1 32.3 59.9

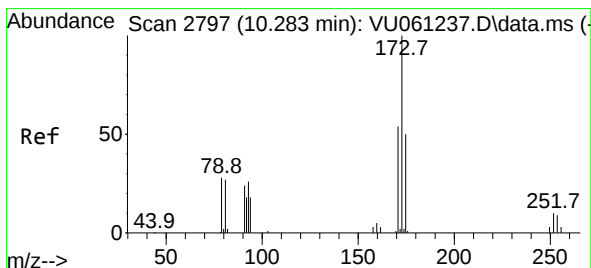
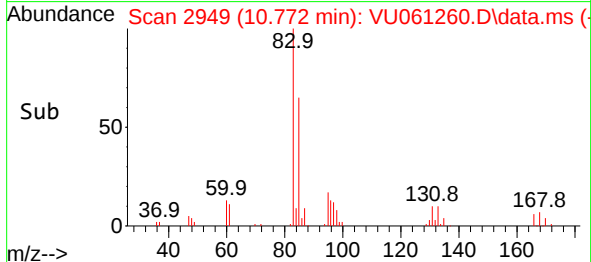
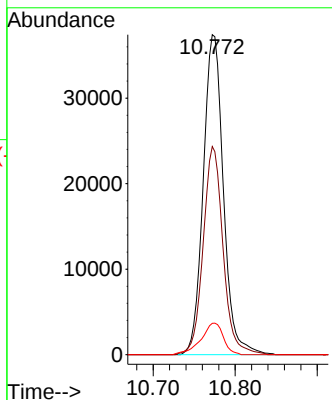
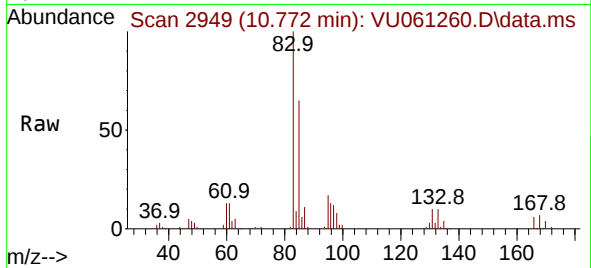




#57
1,1,2,2-Tetrachloroethane
Concen: 5.114 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU061260.D
Acq: 28 Oct 2024 09:19

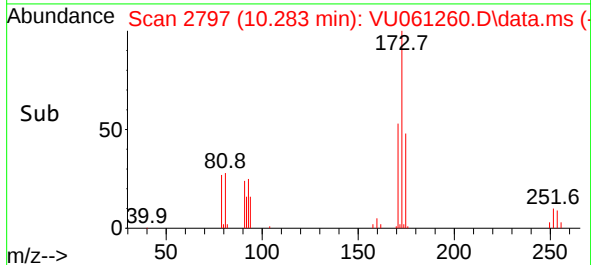
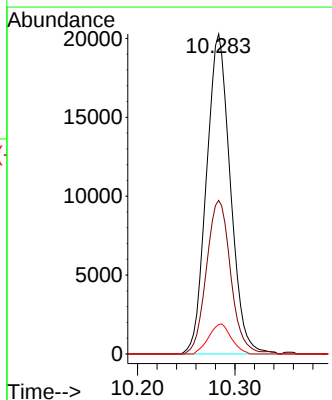
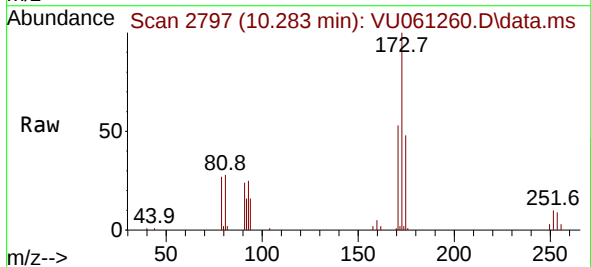
Instrument :
MSVOA_U
ClientSampleId :

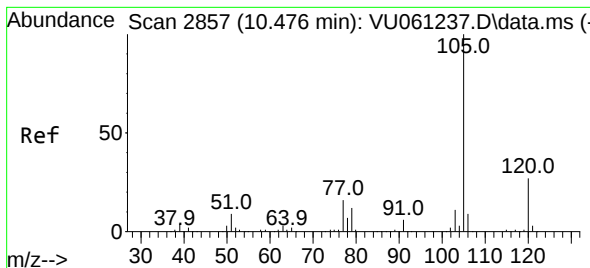
Tgt Ion: 83 Resp: 64059
Ion Ratio Lower Upper
83 100
85 65.1 45.3 84.1
131 9.8 7.6 11.4



#59
Bromoform
Concen: 5.295 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU061260.D
Acq: 28 Oct 2024 09:19

Tgt Ion: 173 Resp: 34489
Ion Ratio Lower Upper
173 100
175 48.5 39.0 58.4
254 8.8 6.8 10.2





#60

Isopropylbenzene

Concen: 5.172 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061260.D

Acq: 28 Oct 2024 09:19

Instrument :

MSVOA_U

ClientSampleId :

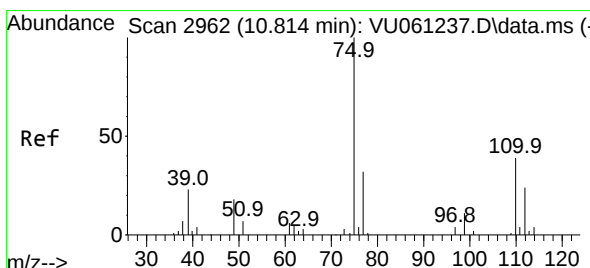
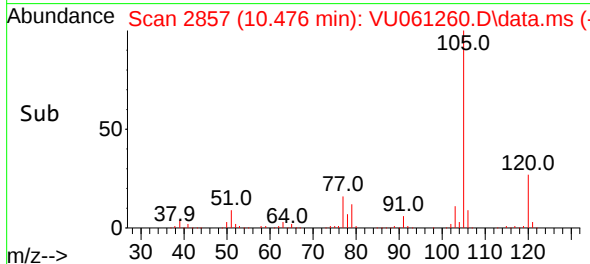
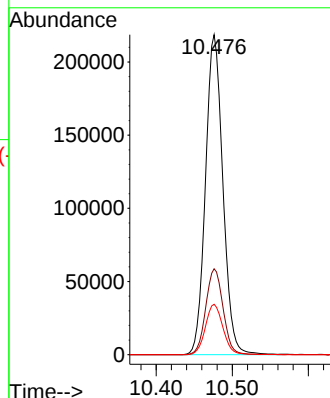
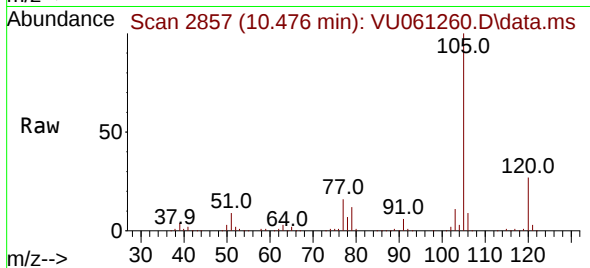
Tgt Ion:105 Resp: 347667

Ion Ratio Lower Upper

105 100

120 26.8 21.2 31.8

77 15.9 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.093 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU061260.D

Acq: 28 Oct 2024 09:19

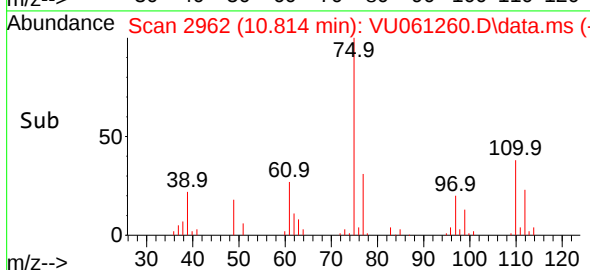
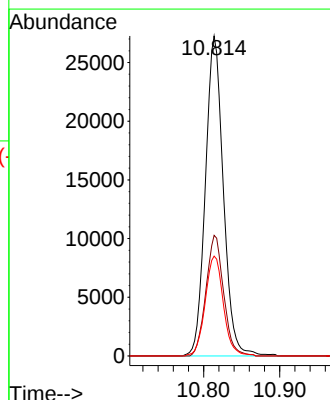
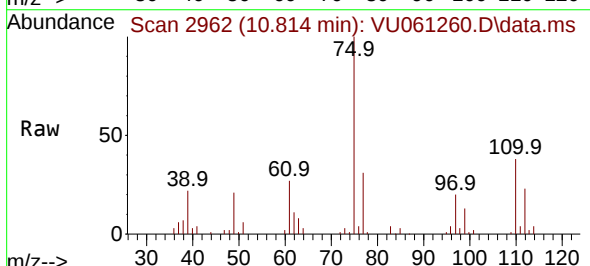
Tgt Ion: 75 Resp: 44641

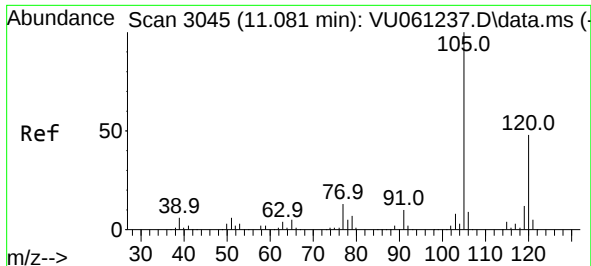
Ion Ratio Lower Upper

75 100

110 37.1 28.8 43.2

77 31.6 25.7 38.5





#62

1,3,5-Trimethylbenzene

Concen: 5.229 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU061260.D

Acq: 28 Oct 2024 09:19

Instrument :

MSVOA_U

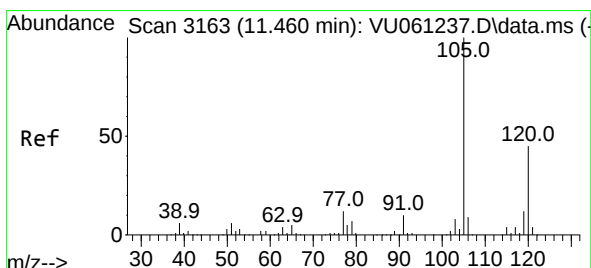
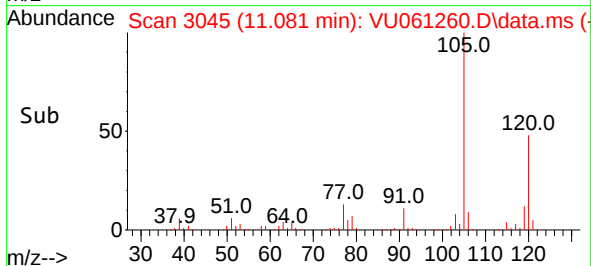
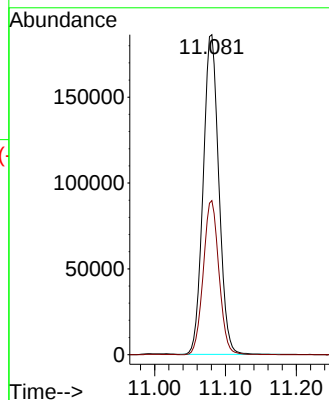
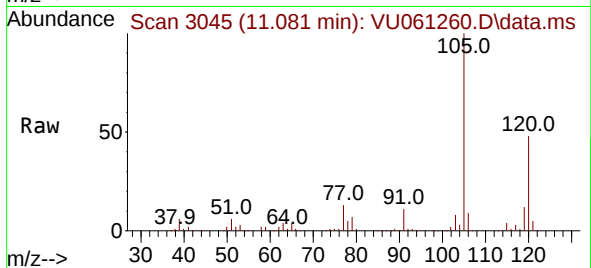
ClientSampleId :

Tgt Ion:105 Resp: 286168

Ion Ratio Lower Upper

105 100

120 48.1 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 5.184 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU061260.D

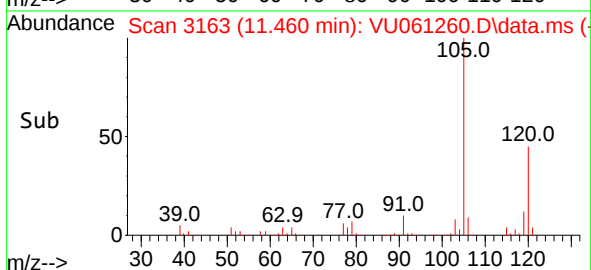
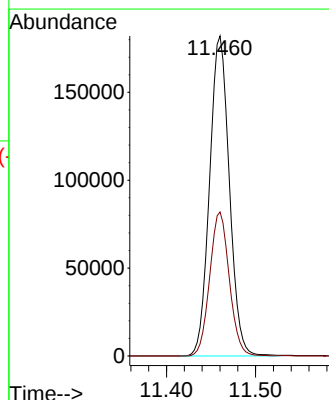
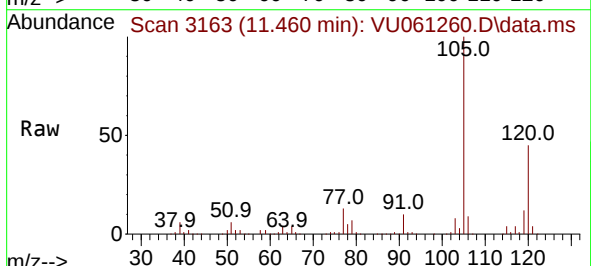
Acq: 28 Oct 2024 09:19

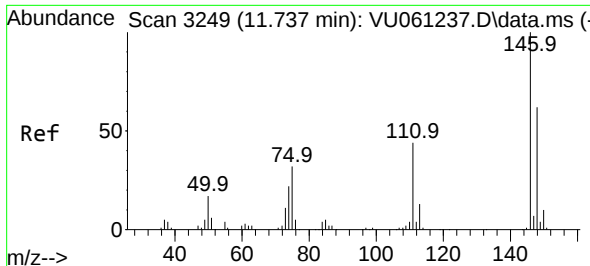
Tgt Ion:105 Resp: 280399

Ion Ratio Lower Upper

105 100

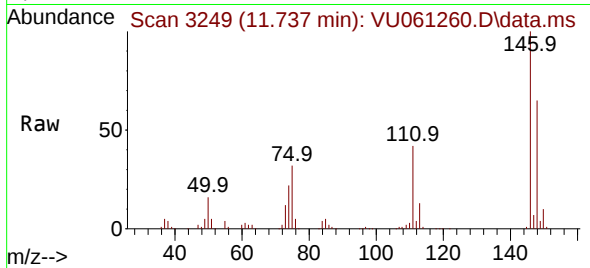
120 44.6 35.4 53.0



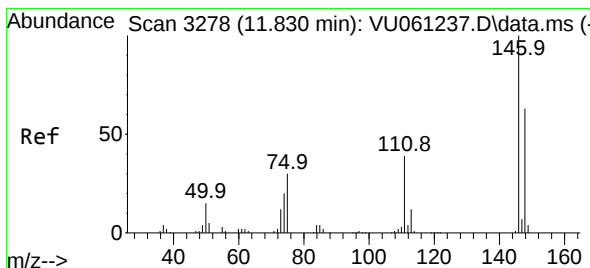
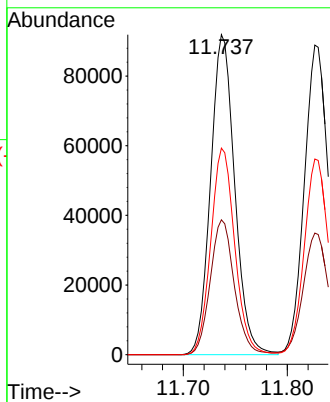
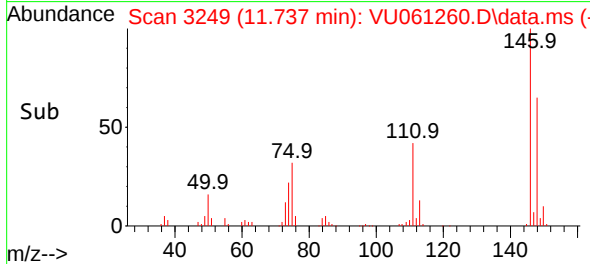


#64
1,3-Dichlorobenzene
Concen: 5.240 ug/L
RT: 11.737 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU061260.D
Acq: 28 Oct 2024 09:19

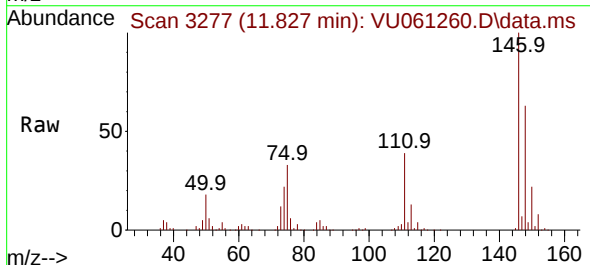
Instrument :
MSVOA_U
ClientSampleId :



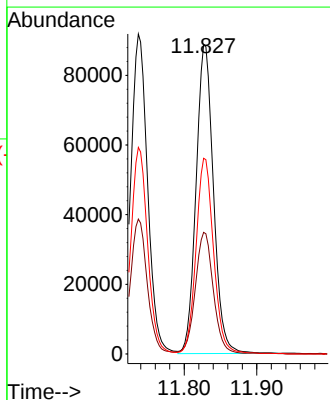
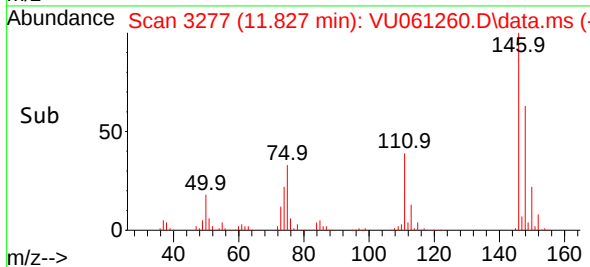
Tgt Ion:146 Resp: 148255
Ion Ratio Lower Upper
146 100
111 42.2 30.0 55.8
148 64.6 45.1 83.7

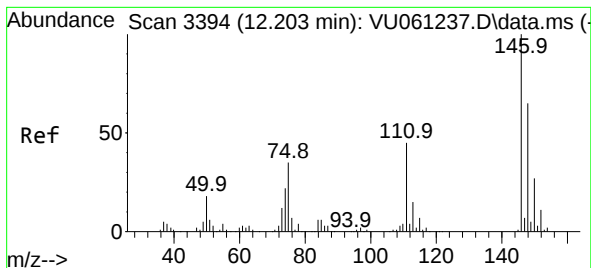


#65
1,4-Dichlorobenzene
Concen: 5.126 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.003 min
Lab File: VU061260.D
Acq: 28 Oct 2024 09:19



Tgt Ion:146 Resp: 147844
Ion Ratio Lower Upper
146 100
111 39.3 28.2 52.4
148 63.2 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 5.118 ug/L

RT: 12.203 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU061260.D

Acq: 28 Oct 2024 09:19

Instrument :

MSVOA_U

ClientSampleId :

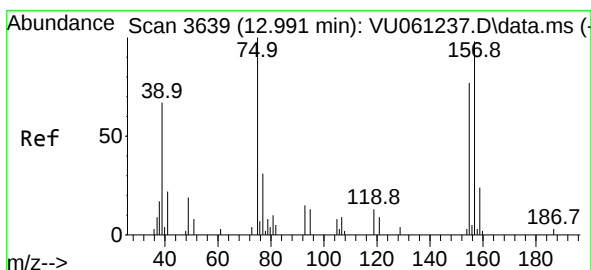
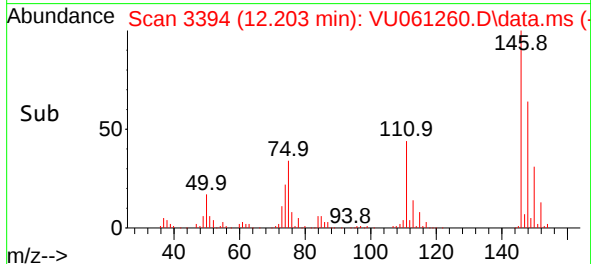
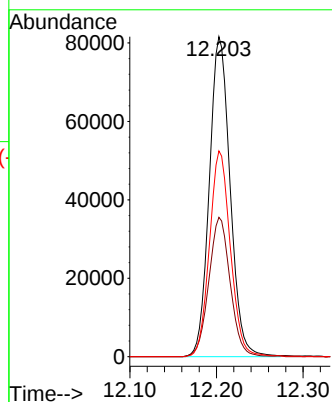
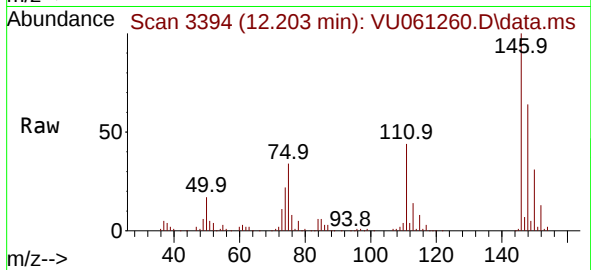
Tgt Ion:146 Resp: 136282

Ion Ratio Lower Upper

146 100

111 43.6 35.2 52.8

148 64.3 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.104 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU061260.D

Acq: 28 Oct 2024 09:19

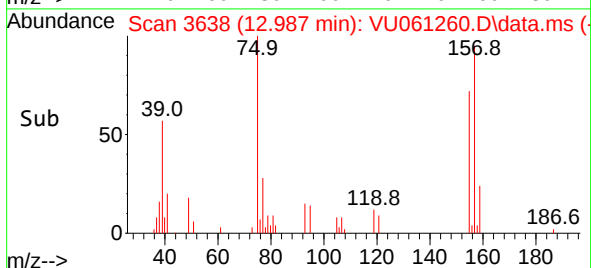
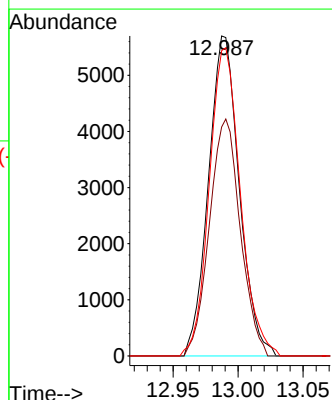
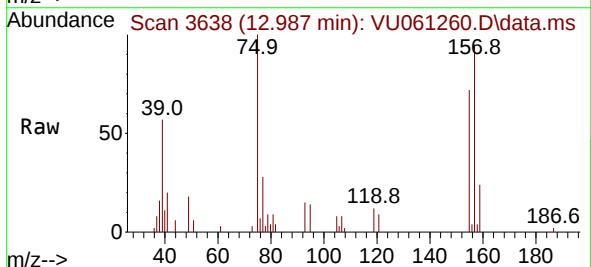
Tgt Ion: 75 Resp: 9395

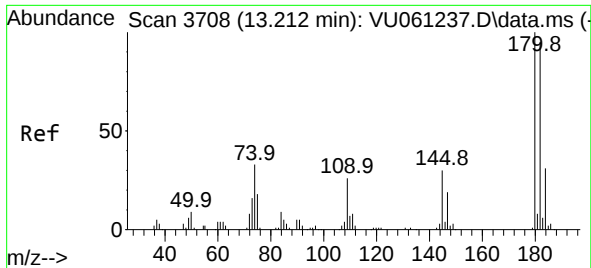
Ion Ratio Lower Upper

75 100

155 71.5 69.3 103.9

157 95.4 81.4 122.2





#69

1,3,5-Trichlorobenzene

Concen: 5.284 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU061260.D

Acq: 28 Oct 2024 09:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 102483

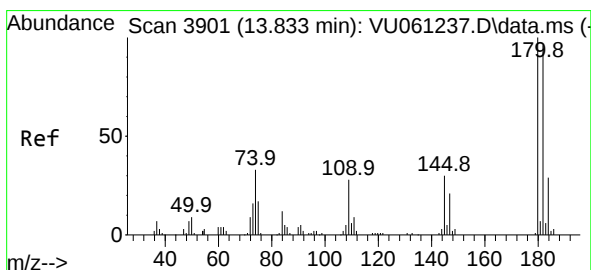
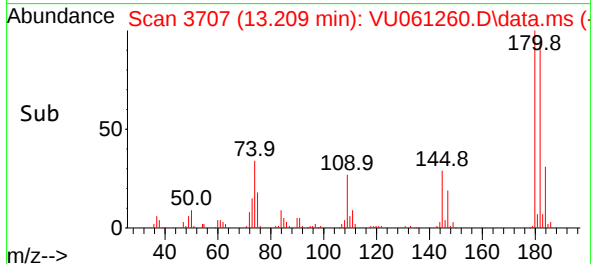
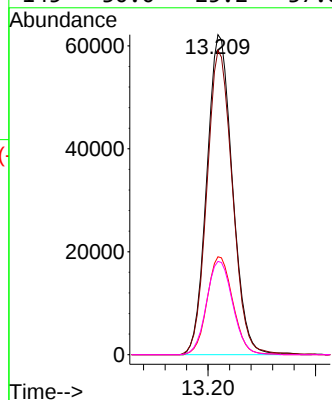
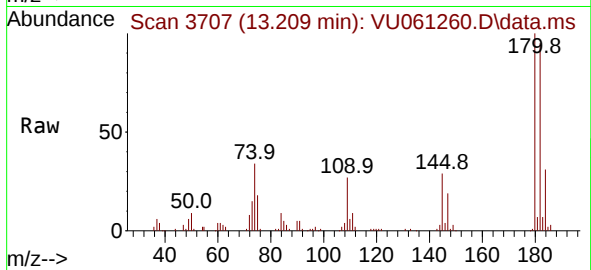
Ion Ratio Lower Upper

180 100

182 95.1 77.4 116.2

184 30.7 24.4 36.6

145 30.0 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 5.097 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU061260.D

Acq: 28 Oct 2024 09:19

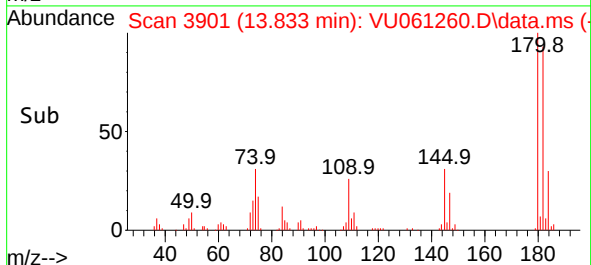
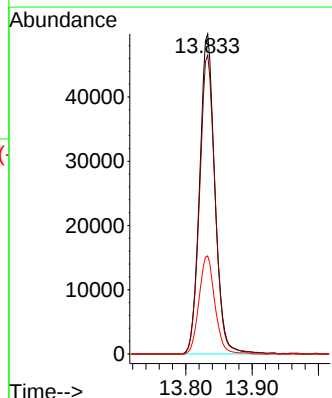
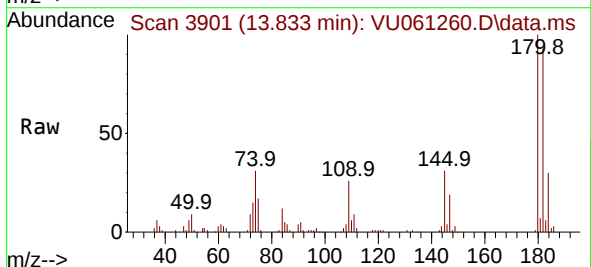
Tgt Ion:180 Resp: 79776

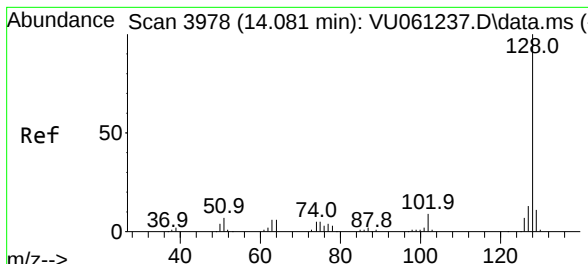
Ion Ratio Lower Upper

180 100

182 95.0 77.2 115.8

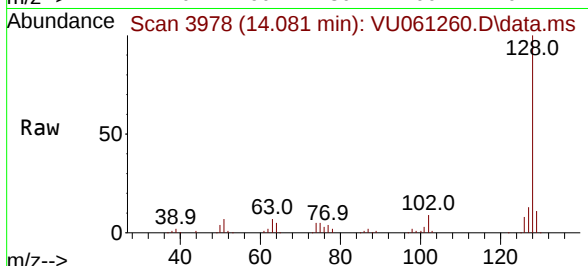
145 31.7 25.6 38.4



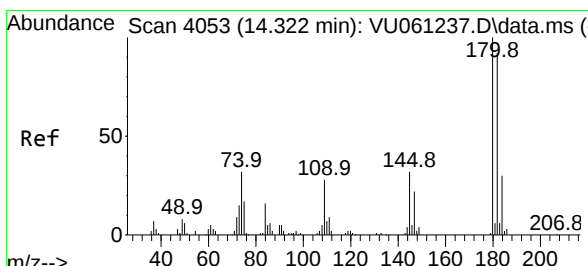
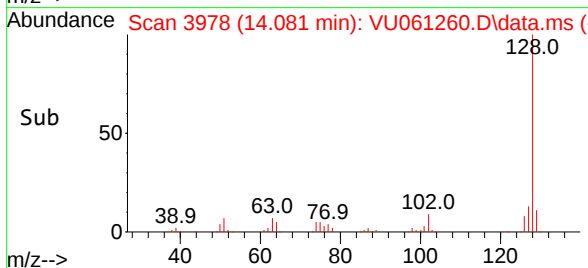
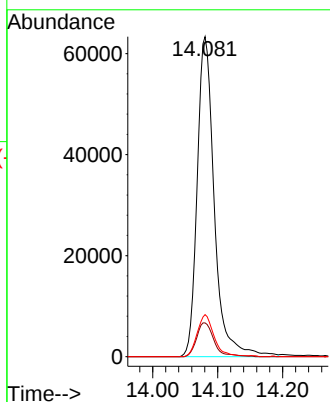


#71
Naphthalene
Concen: 4.721 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU061260.D
Acq: 28 Oct 2024 09:19

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	116585
Ion Ratio	Lower	Upper	
128	100		
129	10.7	9.0	13.4
127	12.9	10.0	15.0



#72
1,2,3-Trichlorobenzene
Concen: 4.869 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU061260.D
Acq: 28 Oct 2024 09:19

Tgt Ion:	180	Resp:	63756
Ion Ratio	Lower	Upper	
180	100		
182	96.5	76.0	114.0
145	33.1	26.5	39.7

