

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102324\
 Data File : VU061193.D
 Acq On : 23 Oct 2024 12:40
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 24 01:36:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 24 01:26:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	213651	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	194063	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	88007	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	66570	4.587	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.911	69	59847	4.498	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.560	65	29863	4.809	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	4.628	46	142918	48.502	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.000%
24) Chloroform-d	5.052	84	139117	5.050	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.695	65	67890	4.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.718	84	276850	5.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.682	67	80928	4.923	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.891	98	261937	5.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
43) trans-1,3-Dichloroprop...	8.174	79	34157	5.090	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.800%
46) 2-Hexanone-d5	8.627	63	136649	49.717	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.440%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	60951	4.903	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	80799	5.185	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	74210	5.210	ug/L	100
3) Chloromethane	1.515	50	70339	4.683	ug/L	98
5) Vinyl chloride	1.602	62	79234	4.798	ug/L	98
6) Bromomethane	1.856	94	54333	4.965	ug/L	96
8) Chloroethane	1.930	64	56297	4.630	ug/L	100
9) Trichlorofluoromethane	2.132	101	110399	4.922	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	68925	5.175	ug/L	98
12) 1,1-Dichloroethene	2.573	96	64941	5.141	ug/L	99
13) Acetone	2.640	43	88476	47.407	ug/L	97
14) Carbon disulfide	2.788	76	213557	5.067	ug/L	100
15) Methyl Acetate	2.952	43	23667	5.121	ug/L	97
16) Methylene chloride	3.039	84	75280	5.057	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	173029	5.054	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	70357	5.037	ug/L	99
19) 1,1-Dichloroethane	3.859	63	134315	5.099	ug/L	99
21) 2-Butanone	4.705	43	148552	50.208	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	82203	5.152	ug/L	99
23) Bromochloromethane	4.965	128	35478	5.285	ug/L	97
25) Chloroform	5.078	83	139260	5.028	ug/L	98

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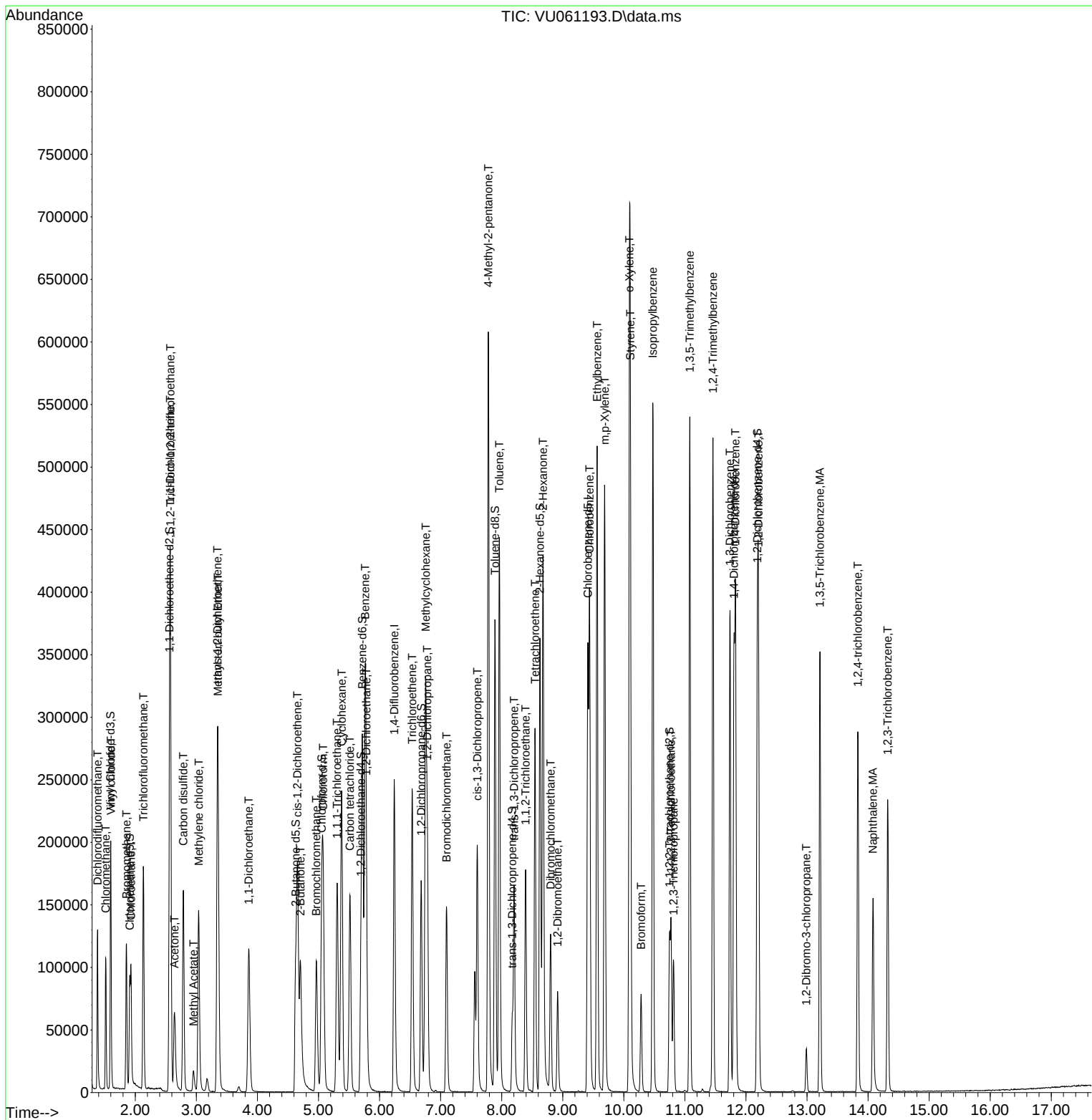
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 MSVOA_U
 ClientSampleId :

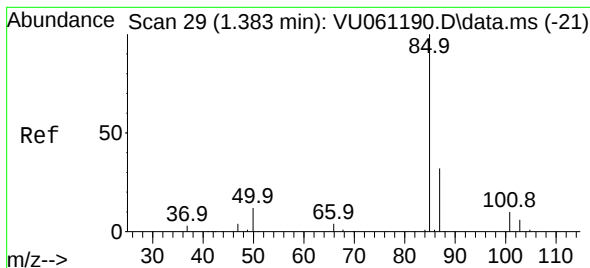
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	87914	5.023	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	125352	5.275	ug/L	99
30) Cyclohexane	5.380	56	126314	5.299	ug/L	99
31) Carbon tetrachloride	5.515	117	107769	5.300	ug/L	99
33) Benzene	5.766	78	312799	5.212	ug/L	100
34) Trichloroethene	6.534	95	84863	5.198	ug/L	97
35) Methylcyclohexane	6.756	83	139311	5.361	ug/L	100
37) 1,2-Dichloropropane	6.782	63	79600	5.232	ug/L	99
38) Bromodichloromethane	7.097	83	99744	5.181	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	123422	5.253	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	381167	50.343	ug/L	99
42) Toluene	7.962	91	341174	5.235	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	100094	5.228	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	56664	5.176	ug/L	99
47) Tetrachloroethene	8.547	164	62609	5.491	ug/L	99
48) 2-Hexanone	8.676	43	271558	50.720	ug/L	98
49) Dibromochloromethane	8.801	129	63164	5.087	ug/L	89
50) 1,2-Dibromoethane	8.917	107	54186	5.095	ug/L	92
51) Chlorobenzene	9.441	112	214251	5.201	ug/L	99
52) Ethylbenzene	9.563	91	376169	5.247	ug/L	99
53) m,p-Xylene	9.688	106	143900	5.269	ug/L	96
54) o-Xylene	10.094	106	136545	5.066	ug/L	98
55) Styrene	10.110	104	220907	5.112	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	65504	4.965	ug/L	100
59) Bromoform	10.283	173	34957	5.366	ug/L	99
60) Isopropylbenzene	10.476	105	369420	5.495	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	44779	5.108	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	296200	5.412	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	292535	5.407	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	153497	5.425	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	152983	5.304	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	140505	5.276	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	9340	5.074	ug/L	88
69) 1,3,5-Trichlorobenzene	13.212	180	108575	5.598	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	86539	5.529	ug/L	99
71) Naphthalene	14.081	128	134540	5.447	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	73504	5.613	ug/L	97

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

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#2

Dichlorodifluoromethane

Concen: 5.210 ug/L

RT: 1.383 min Scan# 29

Delta R.T. -0.000 min

Lab File: VU061193.D

Acq: 23 Oct 2024 12:40

Instrument :

MSVOA_U

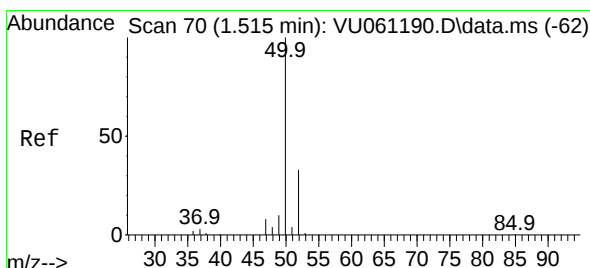
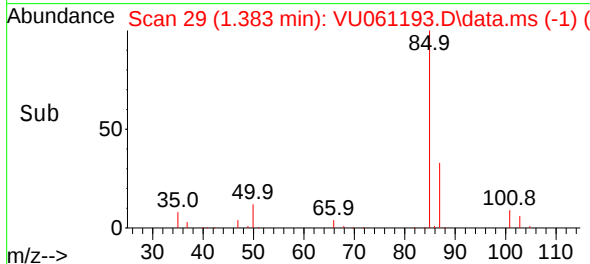
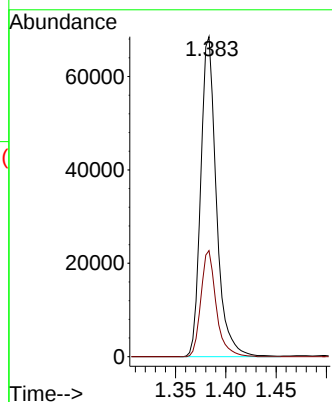
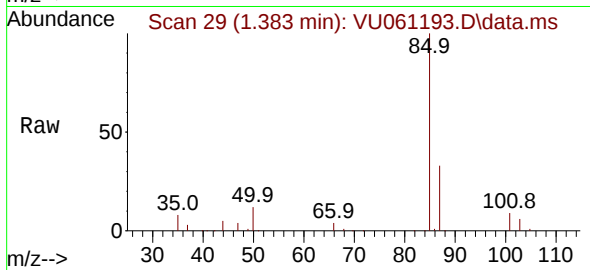
ClientSampleId :

Tgt Ion: 85 Resp: 74210

Ion Ratio Lower Upper

85 100

87 32.4 25.7 38.5



#3

Chloromethane

Concen: 4.683 ug/L

RT: 1.515 min Scan# 70

Delta R.T. -0.000 min

Lab File: VU061193.D

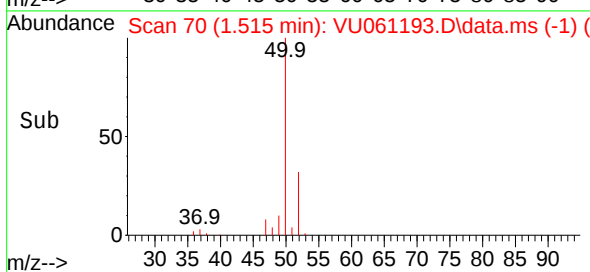
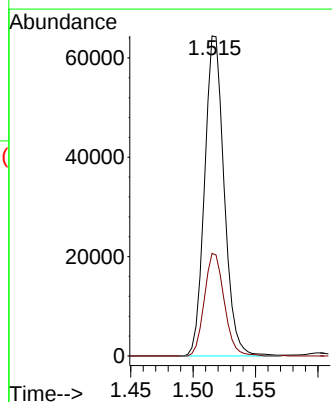
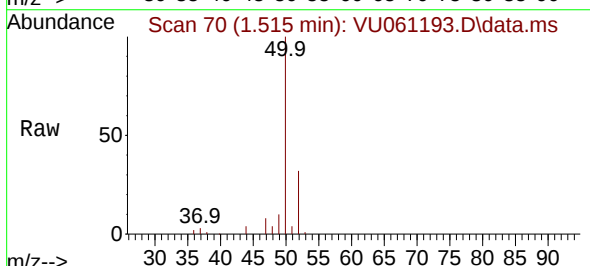
Acq: 23 Oct 2024 12:40

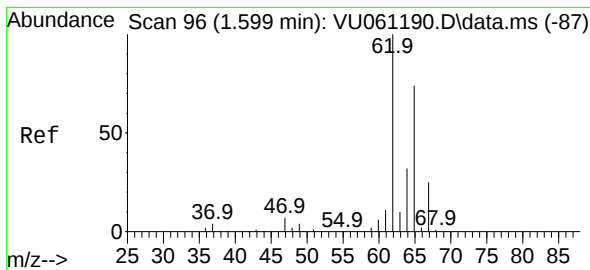
Tgt Ion: 50 Resp: 70339

Ion Ratio Lower Upper

50 100

52 32.1 23.4 43.4





#5

Vinyl chloride

Concen: 4.798 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU061193.D

Acq: 23 Oct 2024 12:40

Instrument :

MSVOA_U

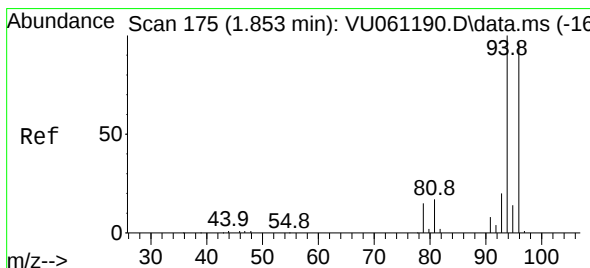
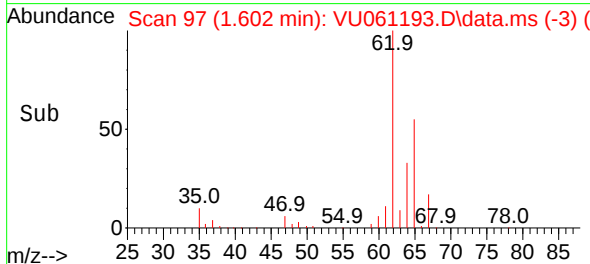
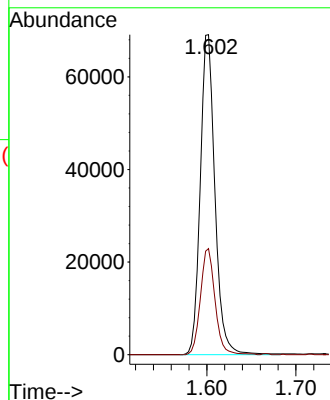
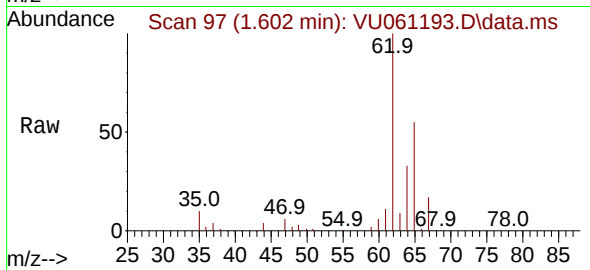
ClientSampleId :

Tgt Ion: 62 Resp: 79234

Ion Ratio Lower Upper

62 100

64 33.2 22.6 42.0



#6

Bromomethane

Concen: 4.965 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.003 min

Lab File: VU061193.D

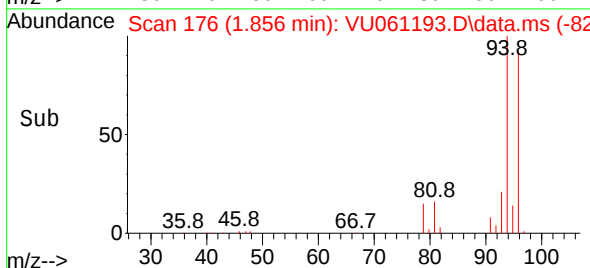
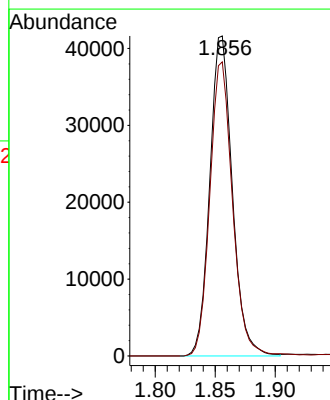
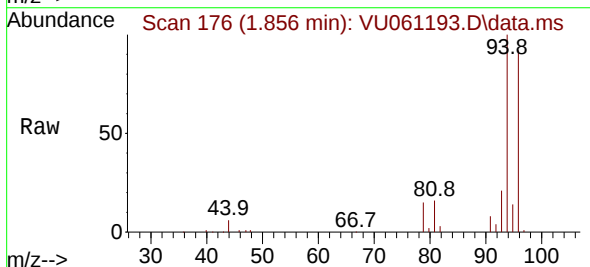
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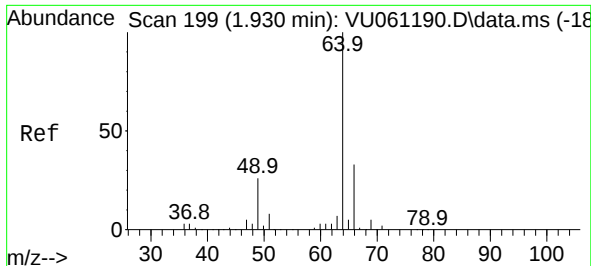
Tgt Ion: 94 Resp: 54333

Ion Ratio Lower Upper

94 100

96 91.9 66.9 124.3

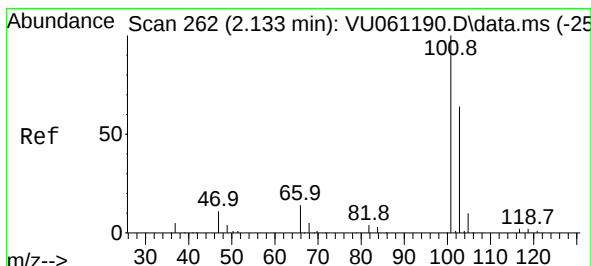
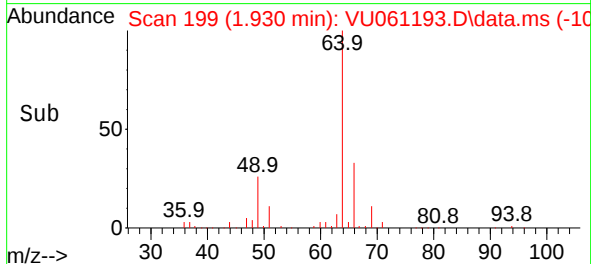
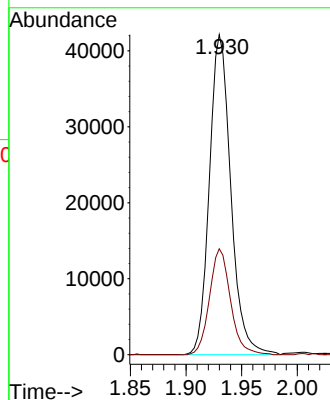
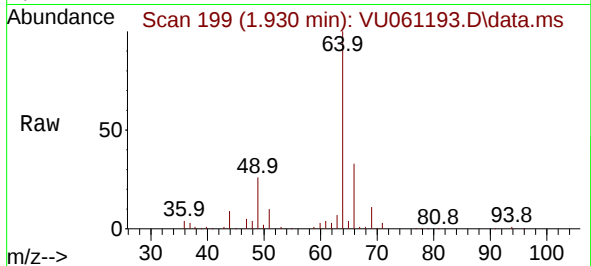




#8
Chloroethane
Concen: 4.630 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

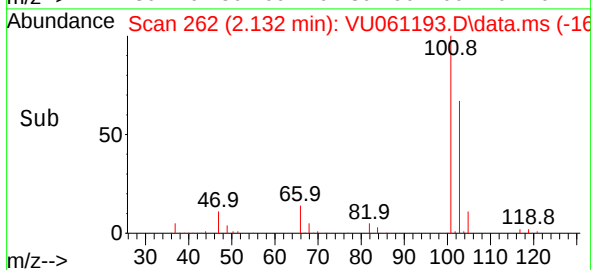
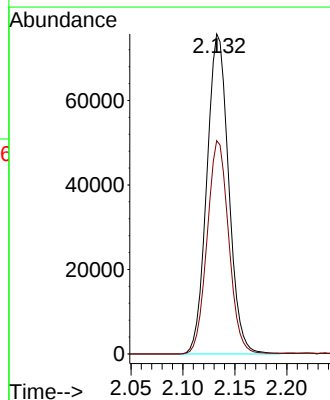
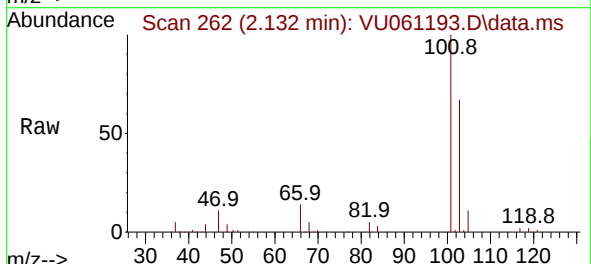
Instrument :
MSVOA_U
ClientSampleId :

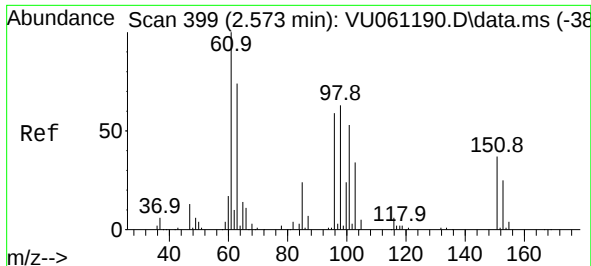
Tgt Ion: 64 Resp: 56297
Ion Ratio Lower Upper
64 100
66 33.1 23.1 42.9



#9
Trichlorofluoromethane
Concen: 4.922 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

Tgt Ion:101 Resp: 110399
Ion Ratio Lower Upper
101 100
103 66.0 50.6 75.8





#10

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

Concen: 5.175 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU061193.D

Acq: 23 Oct 2024 12:40

Instrument :

MSVOA_U

ClientSampleId :

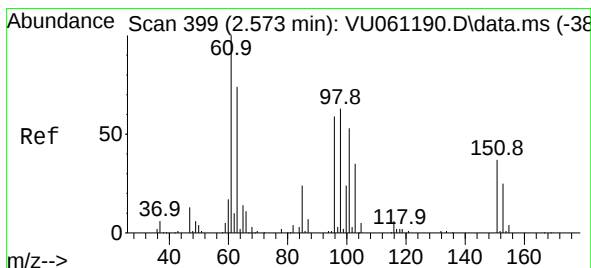
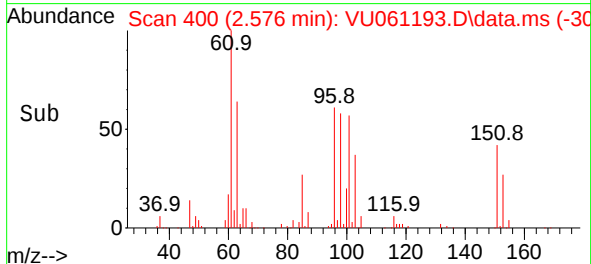
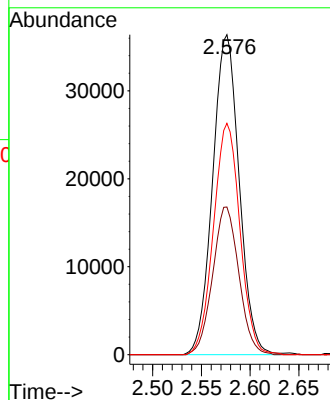
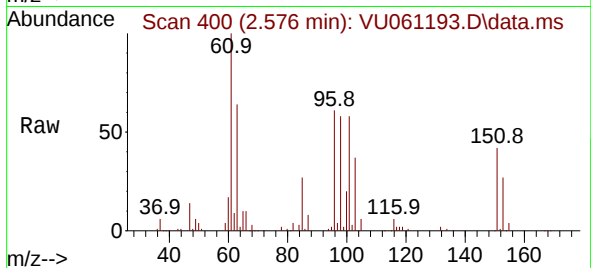
Tgt Ion:101 Resp: 68925

Ion Ratio Lower Upper

101 100

85 45.5 35.6 53.4

151 72.2 55.9 83.9



#12

1,1-Dichloroethene

Concen: 5.141 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU061193.D

Acq: 23 Oct 2024 12:40

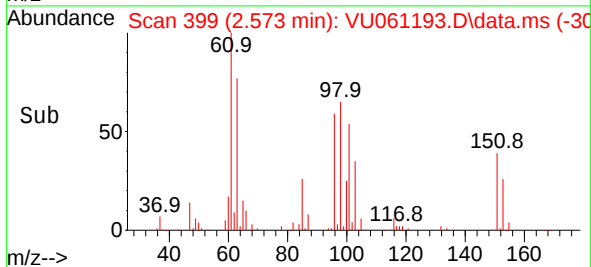
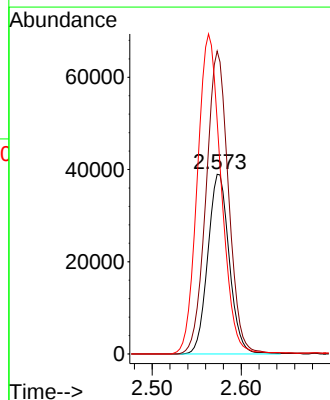
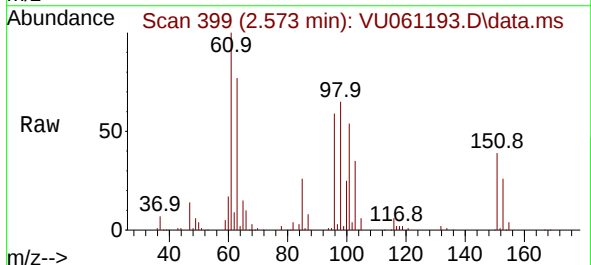
Tgt Ion: 96 Resp: 64941

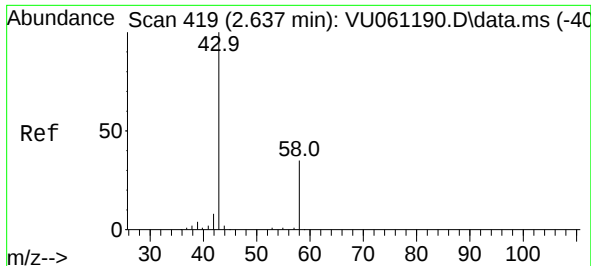
Ion Ratio Lower Upper

96 100

61 168.5 119.1 221.1

63 129.8 89.4 166.0





#13

Acetone

Concen: 47.407 ug/L

RT: 2.640 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU061193.D

Acq: 23 Oct 2024 12:40

Instrument :

MSVOA_U

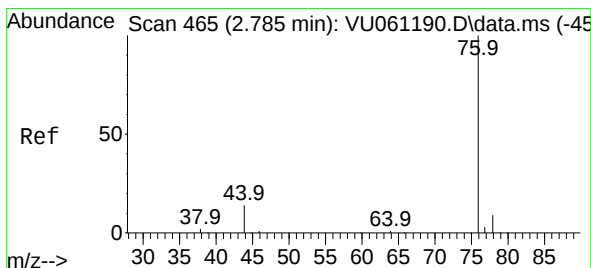
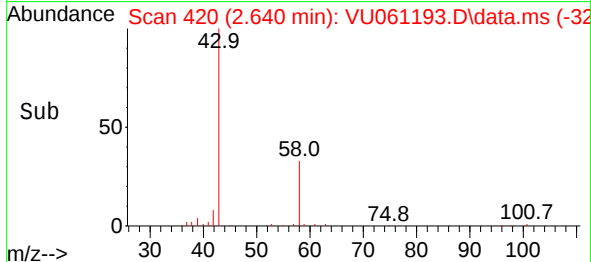
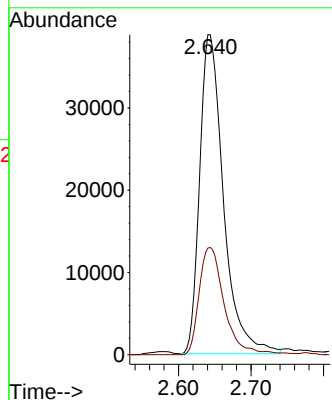
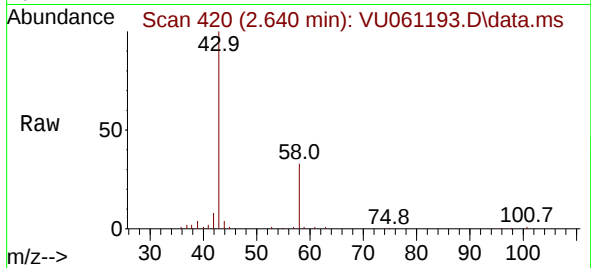
ClientSampleId :

Tgt Ion: 43 Resp: 88476

Ion Ratio Lower Upper

43 100

58 34.8 0.0 73.2



#14

Carbon disulfide

Concen: 5.067 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU061193.D

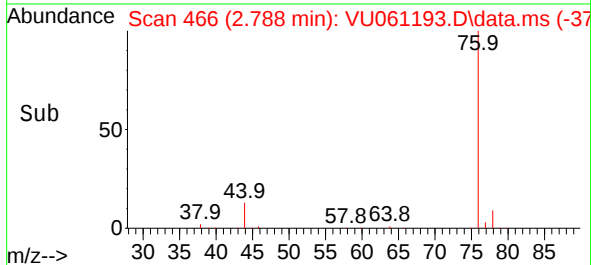
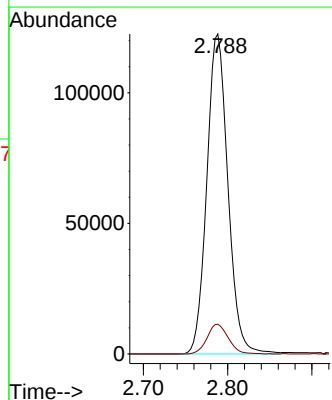
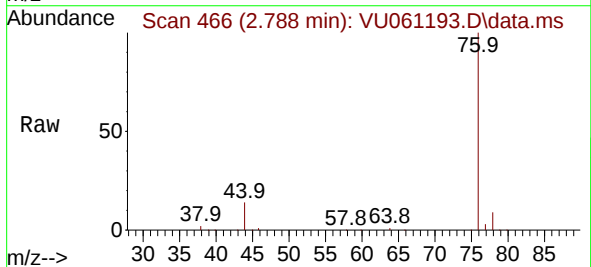
Acq: 23 Oct 2024 12:40

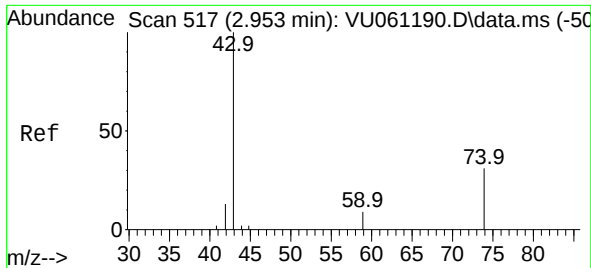
Tgt Ion: 76 Resp: 213557

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

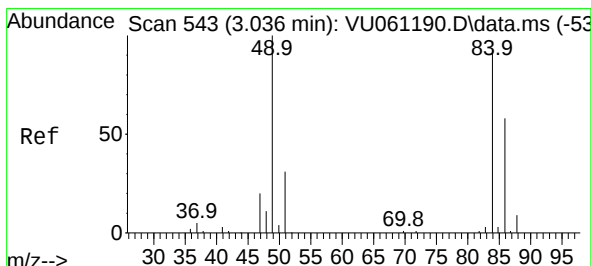
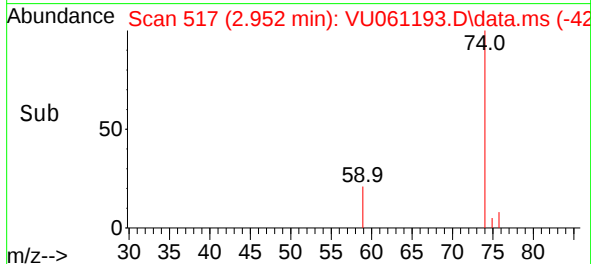
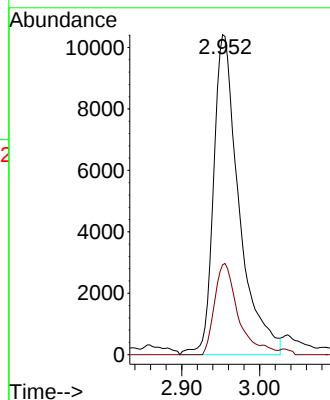
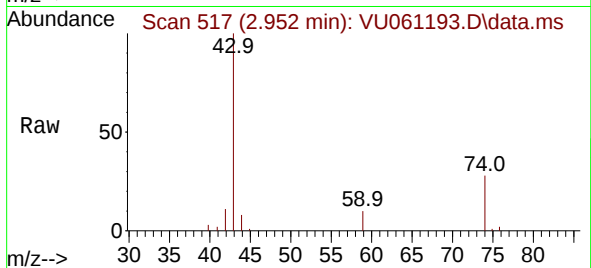




#15
Methyl Acetate
Concen: 5.121 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.000 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

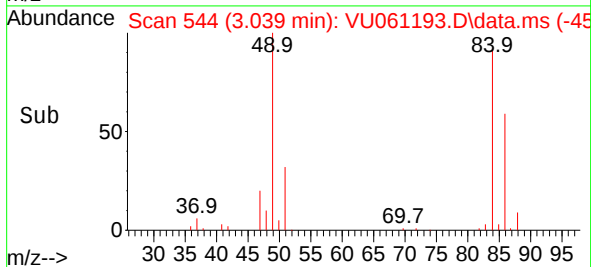
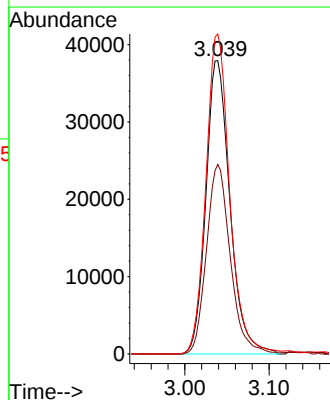
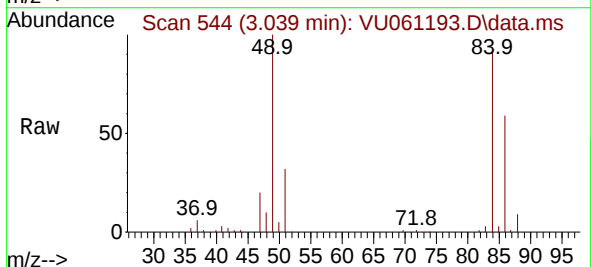
Instrument :
MSVOA_U
ClientSampleId :

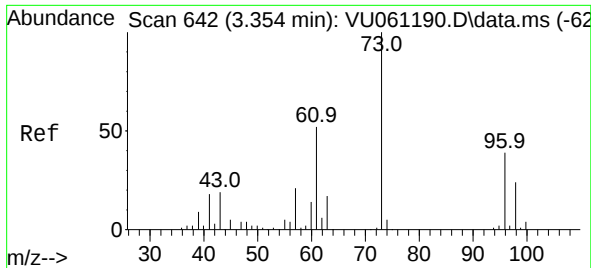
Tgt Ion: 43 Resp: 23667
Ion Ratio Lower Upper
43 100
74 26.5 22.2 33.4



#16
Methylene chloride
Concen: 5.057 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

Tgt Ion: 84 Resp: 75280
Ion Ratio Lower Upper
84 100
86 64.7 43.5 80.7
49 109.1 75.7 140.7



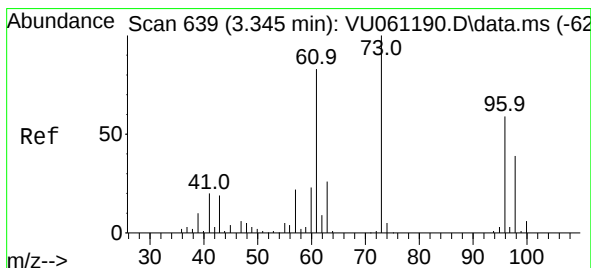
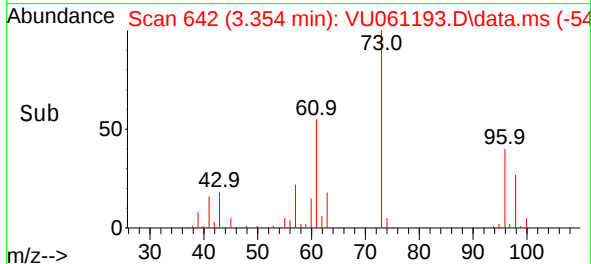
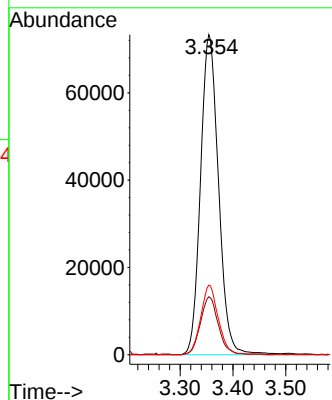
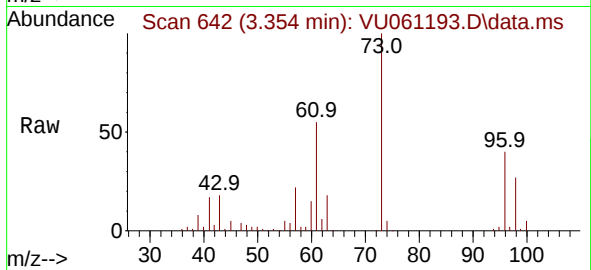


#17
Methyl tert-butyl Ether
Concen: 5.054 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 173029

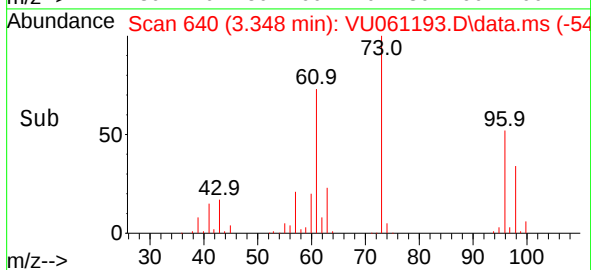
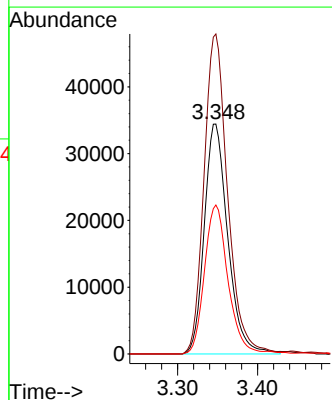
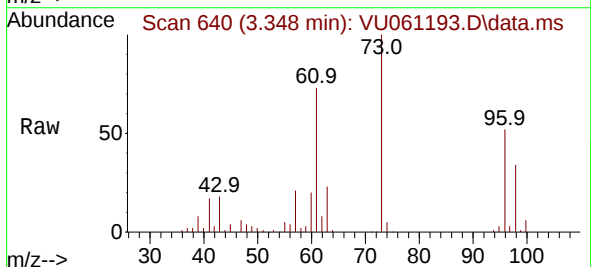
Ion	Ratio	Lower	Upper
73	100		
43	18.0	15.0	22.4
57	21.2	17.0	25.6

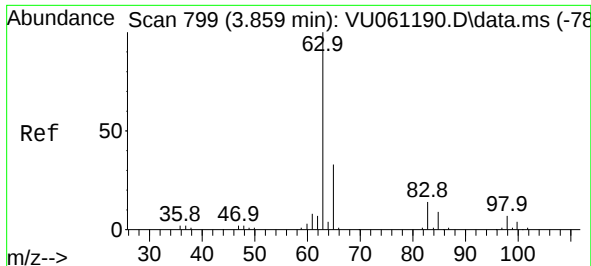


#18
trans-1,2-Dichloroethene
Concen: 5.037 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

Tgt Ion: 96 Resp: 70357

Ion	Ratio	Lower	Upper
96	100		
61	139.1	97.9	181.7
98	64.8	46.2	85.8

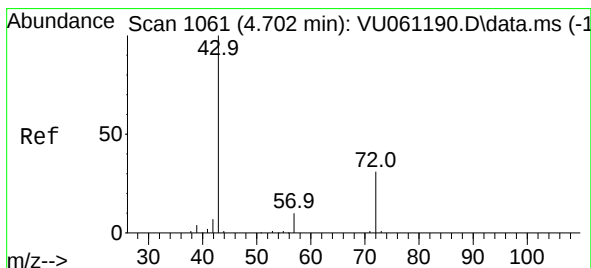
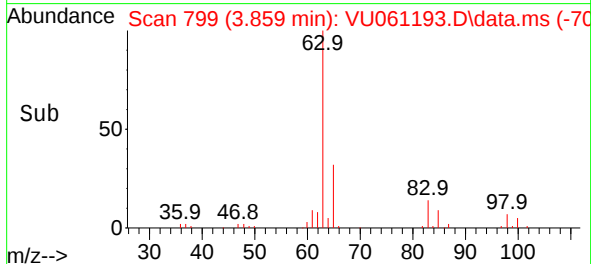
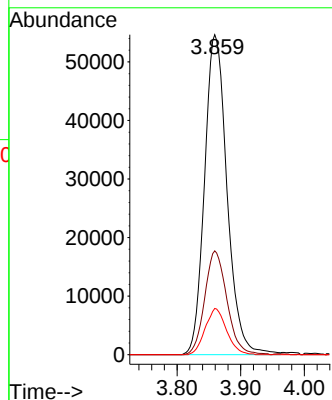
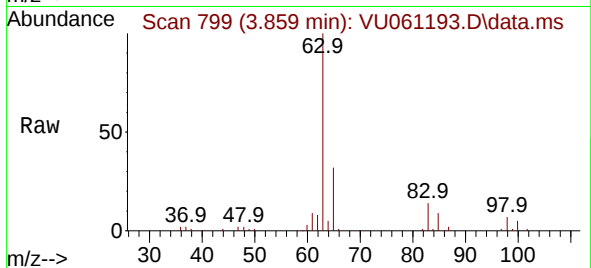




#19
1,1-Dichloroethane
Concen: 5.099 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

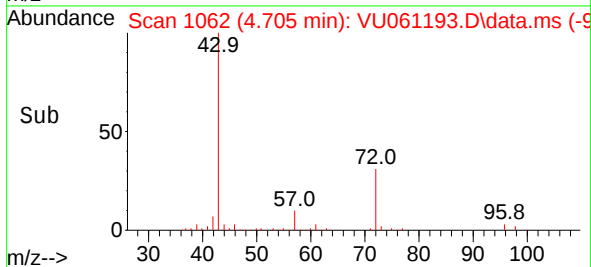
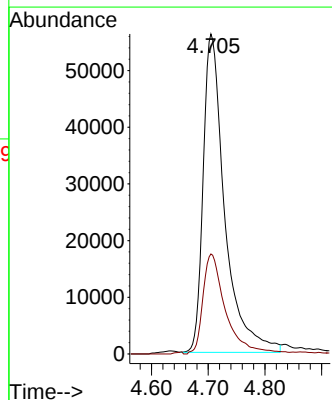
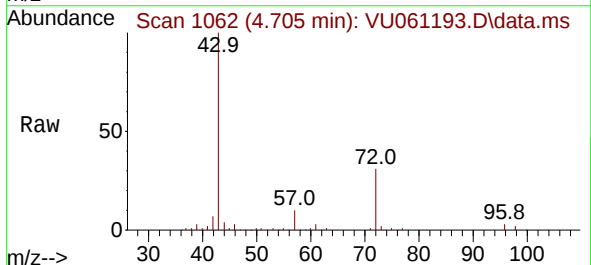
Instrument :
MSVOA_U
ClientSampleId :

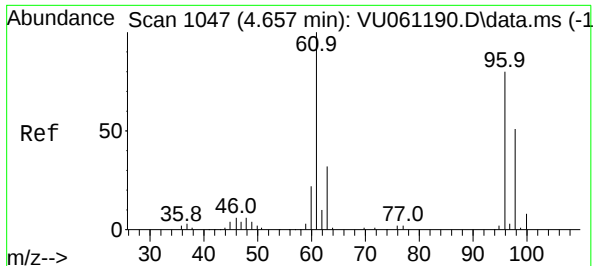
Tgt Ion: 63 Resp: 134315
Ion Ratio Lower Upper
63 100
65 32.4 23.0 42.6
83 14.4 9.7 17.9



#21
2-Butanone
Concen: 50.208 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.003 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

Tgt Ion: 43 Resp: 148552
Ion Ratio Lower Upper
43 100
72 33.1 15.9 47.6

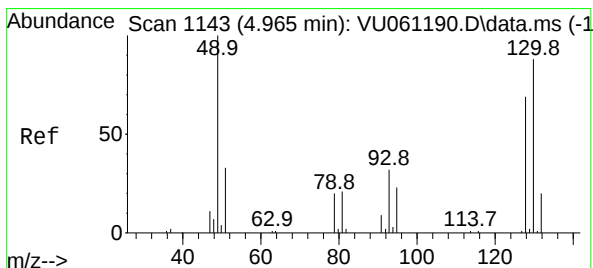
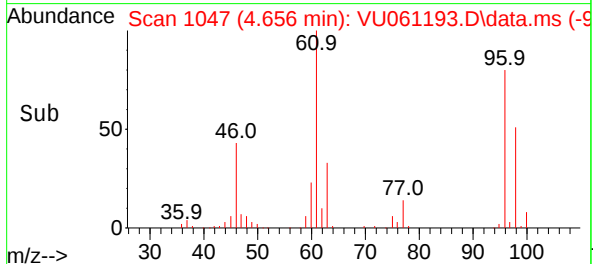
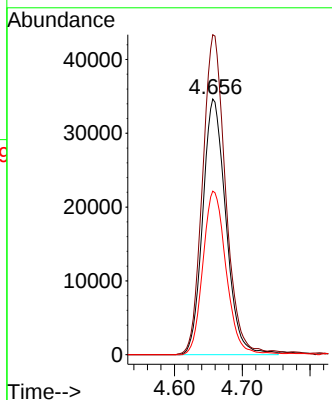
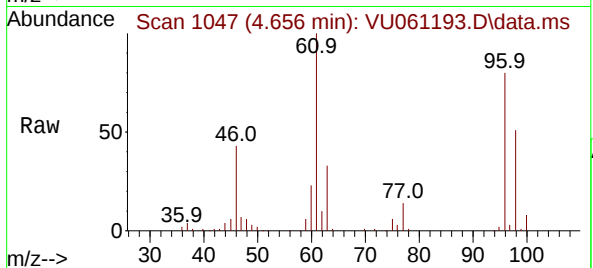




#22
cis-1,2-Dichloroethene
Concen: 5.152 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

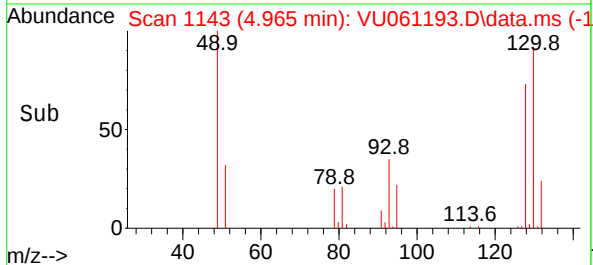
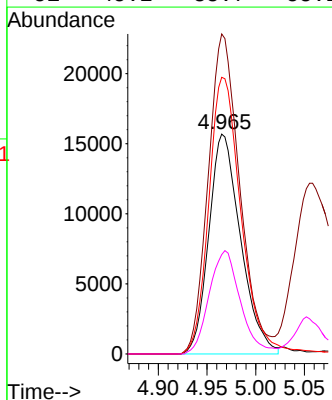
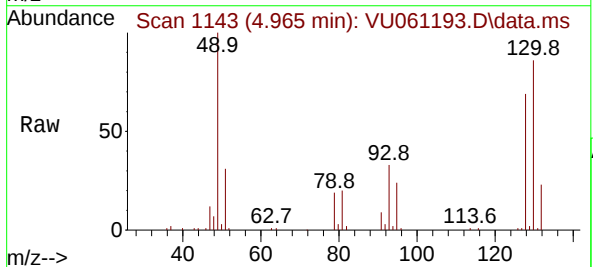
Instrument :
MSVOA_U
ClientSampleId :

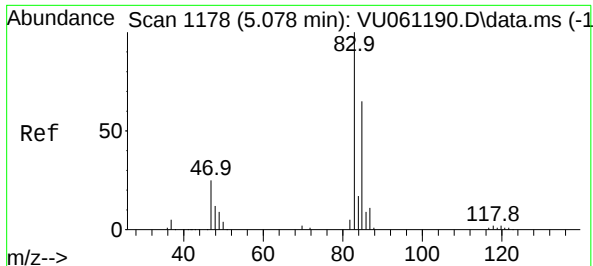
Tgt Ion: 96 Resp: 82203
Ion Ratio Lower Upper
96 100
61 125.1 88.1 163.5
98 64.0 45.0 83.6



#23
Bromochloromethane
Concen: 5.285 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

Tgt Ion:128 Resp: 35478
Ion Ratio Lower Upper
128 100
49 145.6 105.1 195.1
130 125.9 89.6 166.4
51 45.2 38.7 58.1





#25

Chloroform

Concen: 5.028 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU061193.D

Acq: 23 Oct 2024 12:40

Instrument :

MSVOA_U

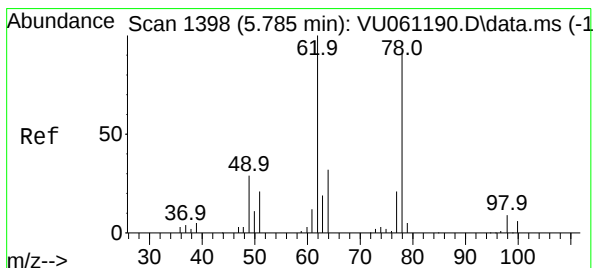
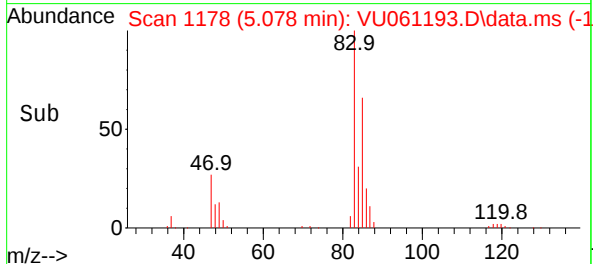
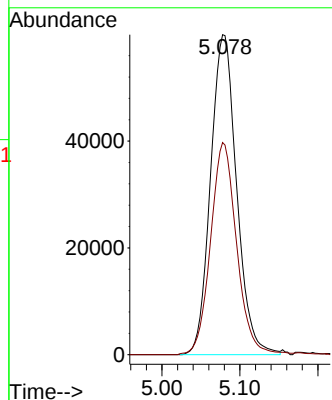
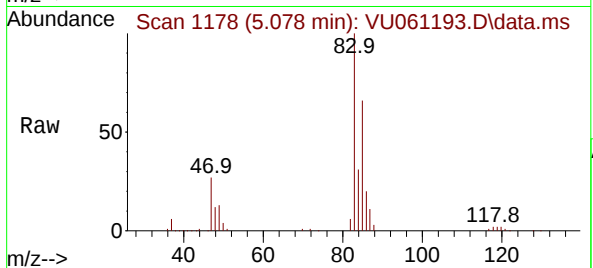
ClientSampleId :

Tgt Ion: 83 Resp: 139260

Ion Ratio Lower Upper

83 100

85 66.3 45.6 84.6



#27

1,2-Dichloroethane

Concen: 5.023 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU061193.D

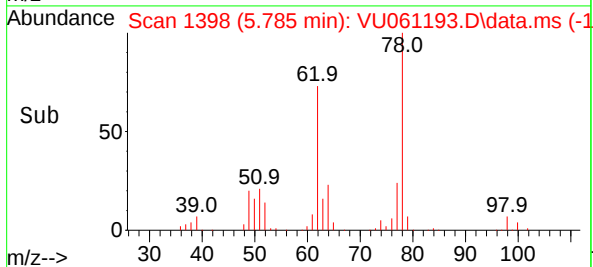
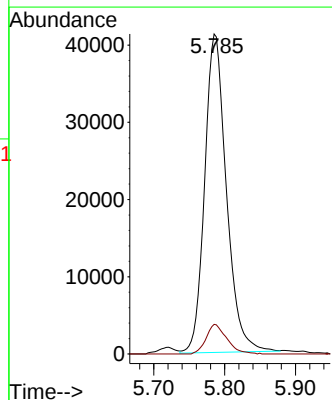
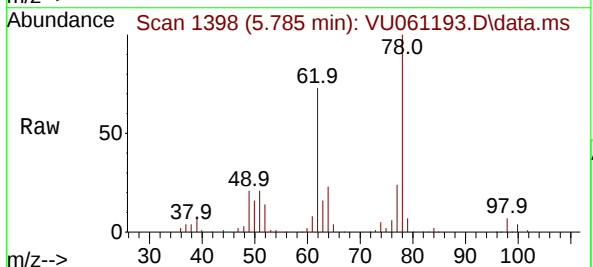
Acq: 23 Oct 2024 12:40

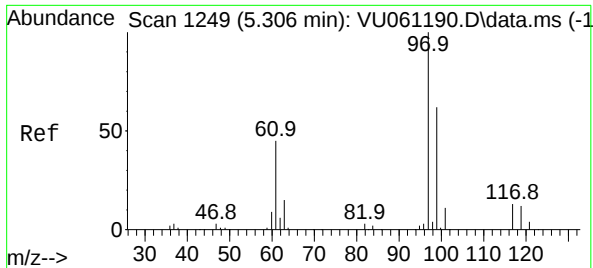
Tgt Ion: 62 Resp: 87914

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.0

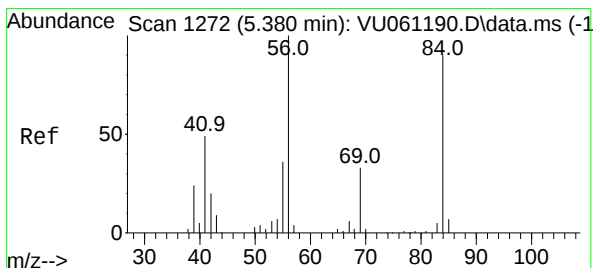
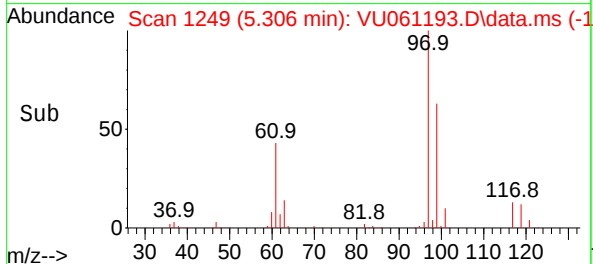
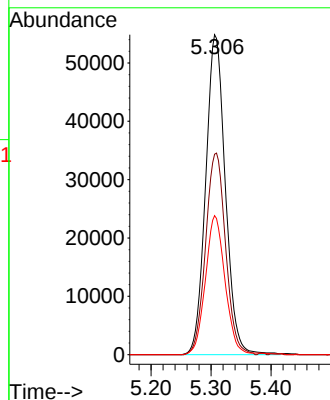
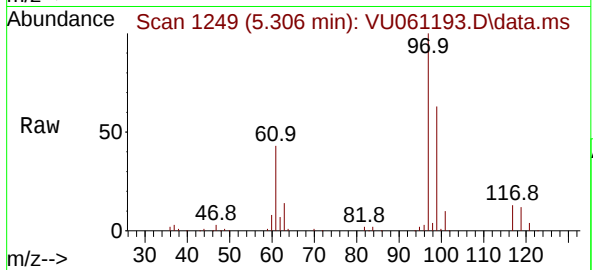




#29
1,1,1-Trichloroethane
Concen: 5.275 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

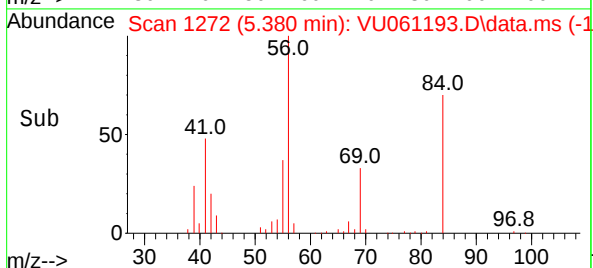
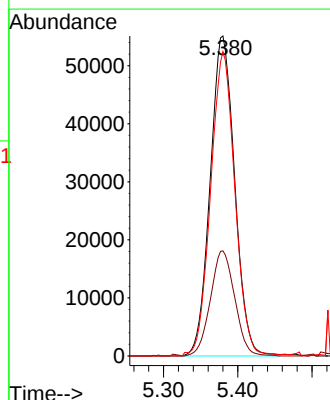
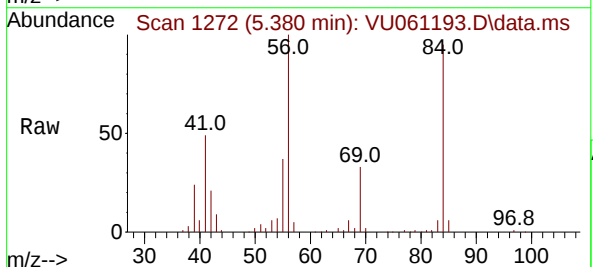
Instrument :
MSVOA_U
ClientSampleId :

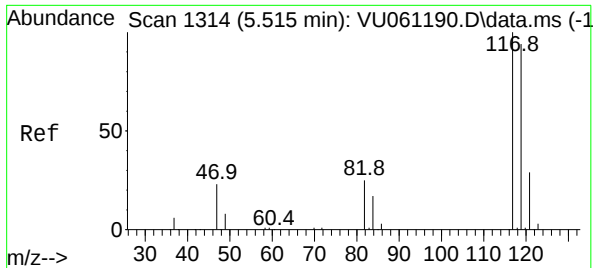
Tgt Ion: 97 Resp: 125352
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 43.7 36.1 54.1



#30
Cyclohexane
Concen: 5.299 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

Tgt Ion: 56 Resp: 126314
Ion Ratio Lower Upper
56 100
69 32.5 25.8 38.6
84 93.7 73.9 110.9

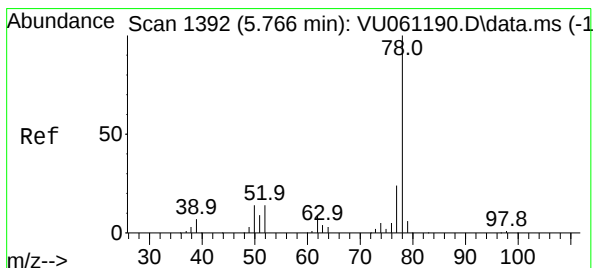
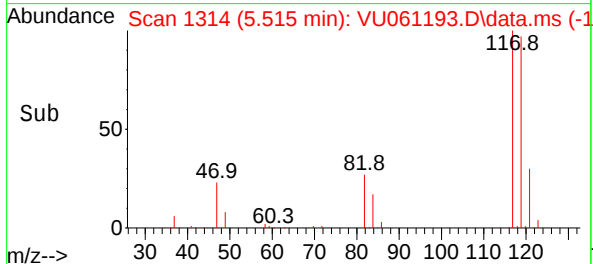
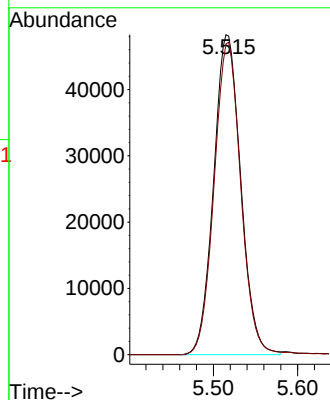
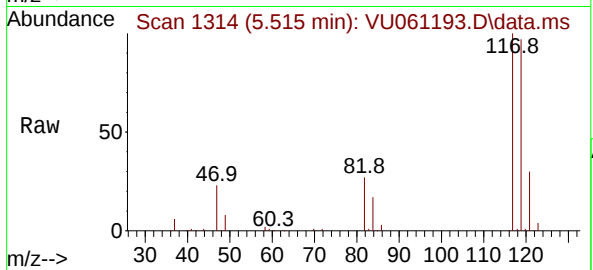




#31
Carbon tetrachloride
Concen: 5.300 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

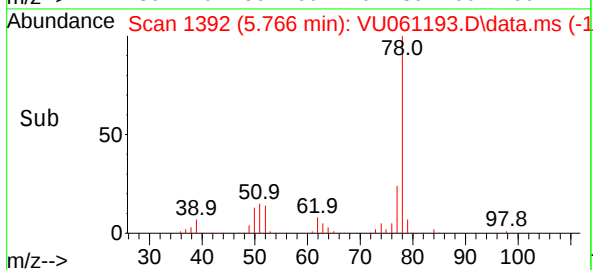
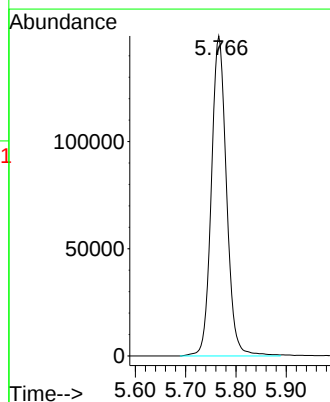
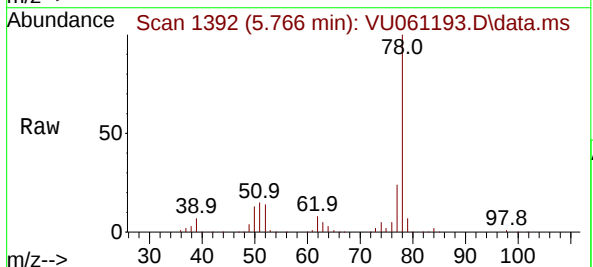
Instrument :
MSVOA_U
ClientSampleId :

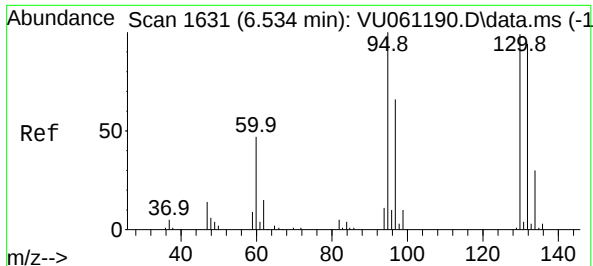
Tgt Ion:117 Resp: 107769
Ion Ratio Lower Upper
117 100
119 95.8 75.5 113.3



#33
Benzene
Concen: 5.212 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

Tgt Ion: 78 Resp: 312799

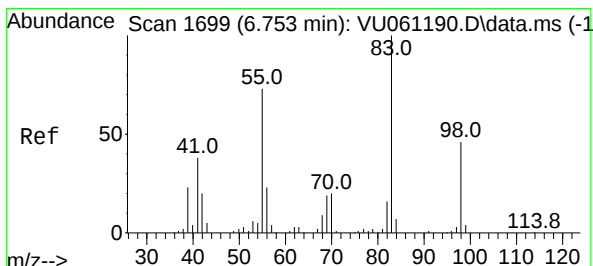
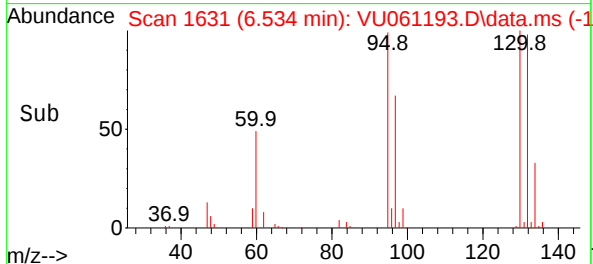
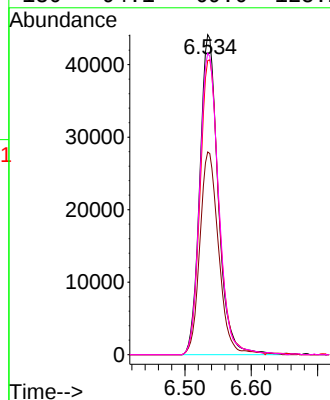
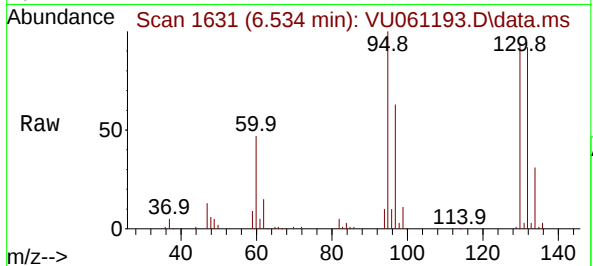




#34
Trichloroethene
Concen: 5.198 ug/L
RT: 6.534 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

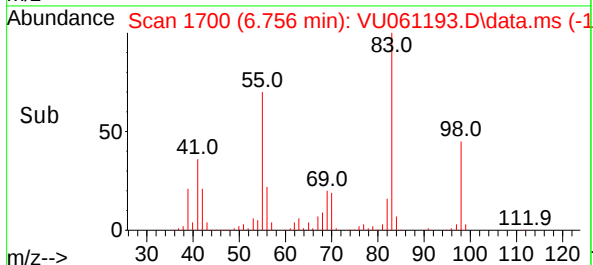
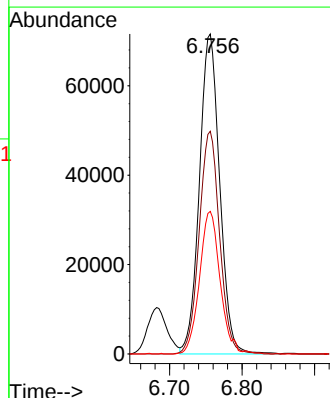
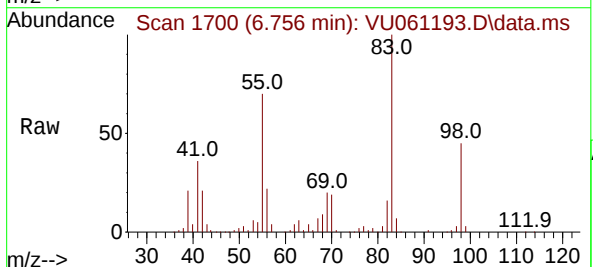
Instrument :
MSVOA_U
ClientSampleId :

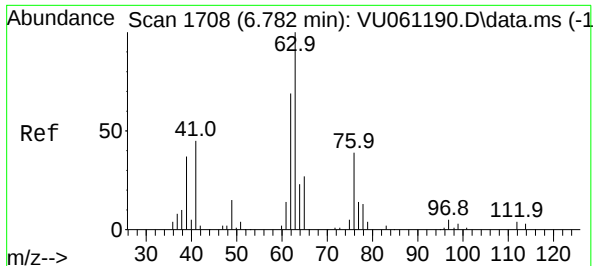
Tgt Ion: 95 Resp: 84863
Ion Ratio Lower Upper
95 100
97 63.3 46.1 85.7
132 91.9 66.1 122.7
130 94.1 69.0 128.2



#35
Methylcyclohexane
Concen: 5.361 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

Tgt Ion: 83 Resp: 139311
Ion Ratio Lower Upper
83 100
55 70.0 55.9 83.9
98 44.9 35.9 53.9

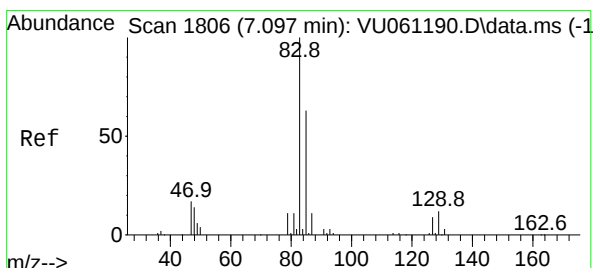
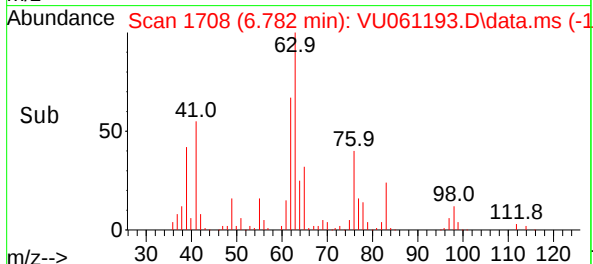
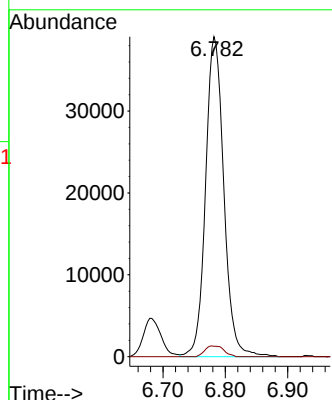
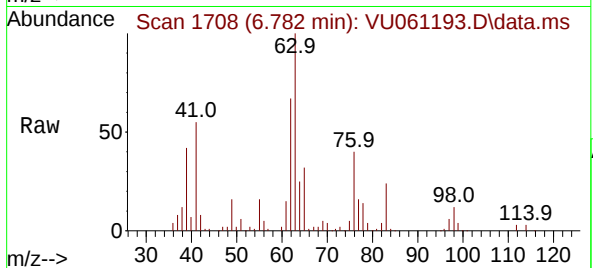




#37
1,2-Dichloropropane
Concen: 5.232 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

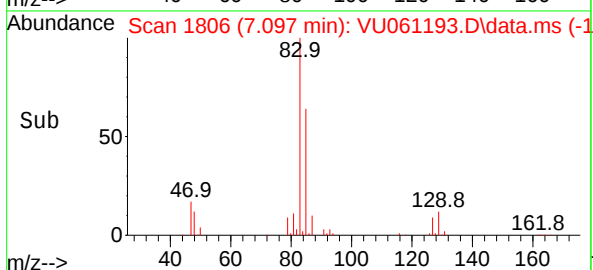
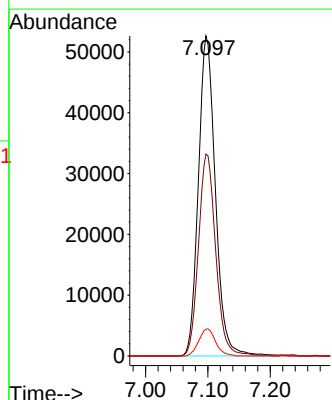
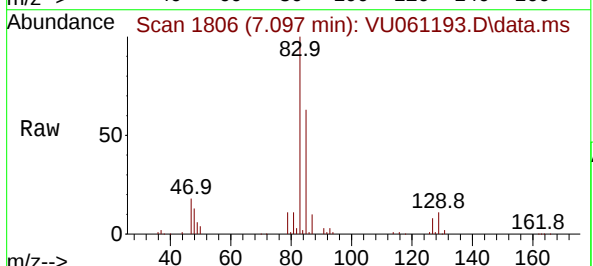
Instrument :
MSVOA_U
ClientSampleId :

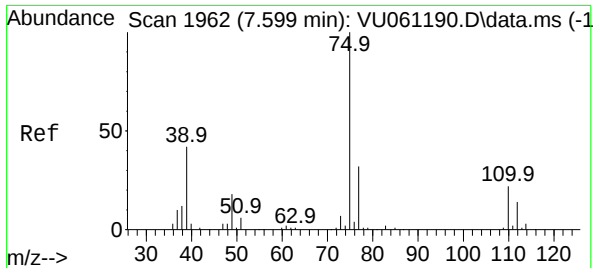
Tgt Ion: 63 Resp: 79600
Ion Ratio Lower Upper
63 100
112 3.5 3.0 4.4



#38
Bromodichloromethane
Concen: 5.181 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

Tgt Ion: 83 Resp: 99744
Ion Ratio Lower Upper
83 100
85 63.1 43.8 81.4
127 8.4 7.4 11.0

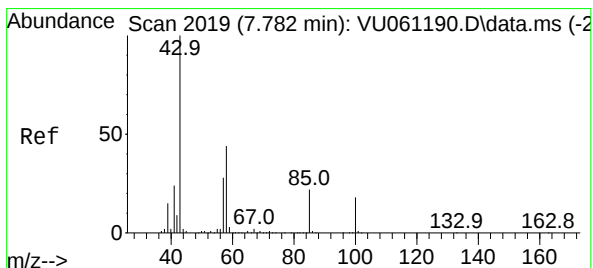
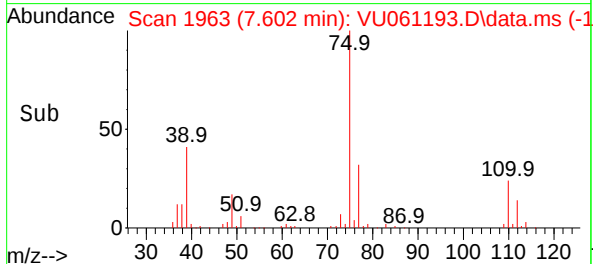
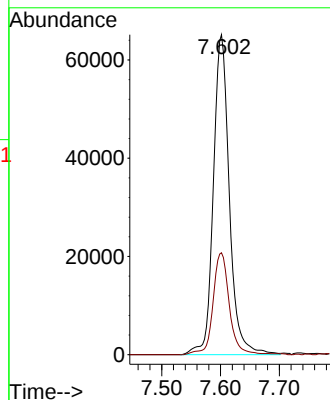
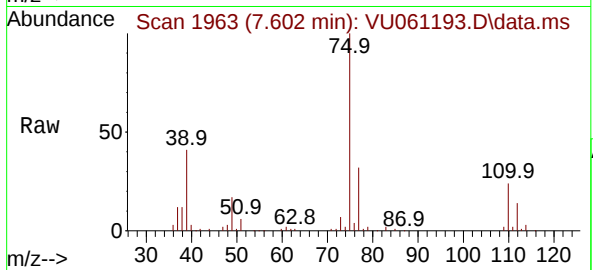




#39
 cis-1,3-Dichloropropene
 Concen: 5.253 ug/L
 RT: 7.602 min Scan# 1962
 Delta R.T. 0.003 min
 Lab File: VU061193.D
 Acq: 23 Oct 2024 12:40

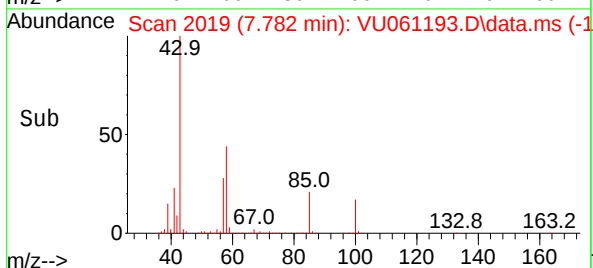
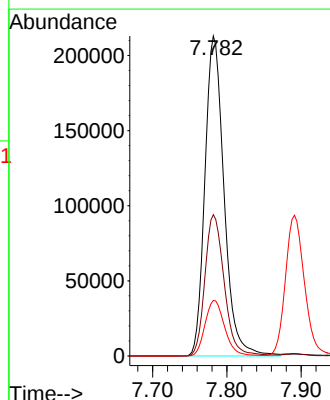
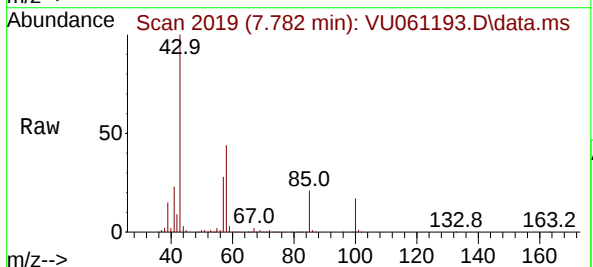
Instrument :
 MSVOA_U
 ClientSampleId :

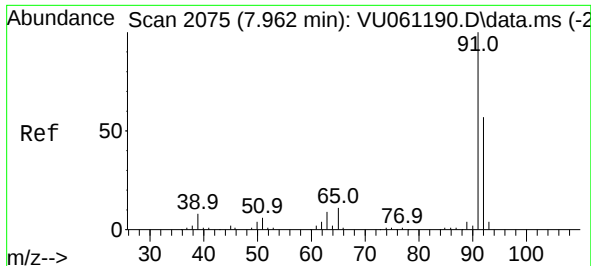
Tgt Ion: 75 Resp: 123422
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 50.343 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU061193.D
 Acq: 23 Oct 2024 12:40

Tgt Ion: 43 Resp: 381167
 Ion Ratio Lower Upper
 43 100
 58 44.6 35.1 52.7
 100 17.8 14.0 21.0





#42

Toluene

Concen: 5.235 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061193.D

Acq: 23 Oct 2024 12:40

Instrument :

MSVOA_U

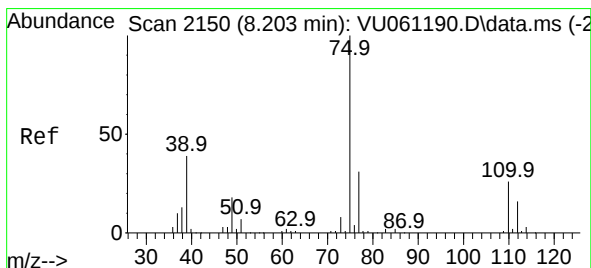
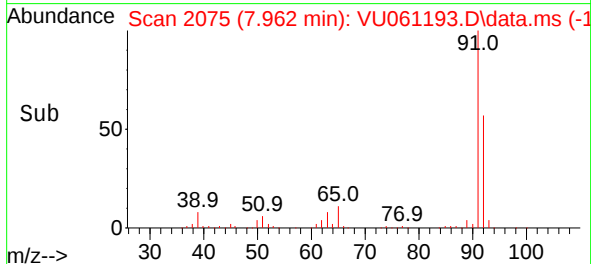
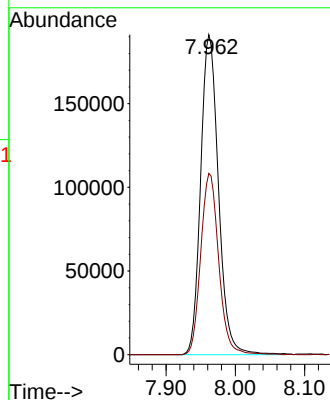
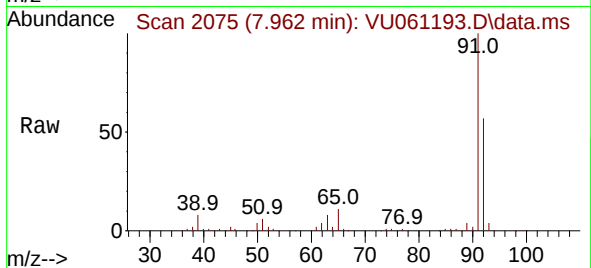
ClientSampleId :

Tgt Ion: 91 Resp: 341174

Ion Ratio Lower Upper

91 100

92 56.7 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 5.228 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU061193.D

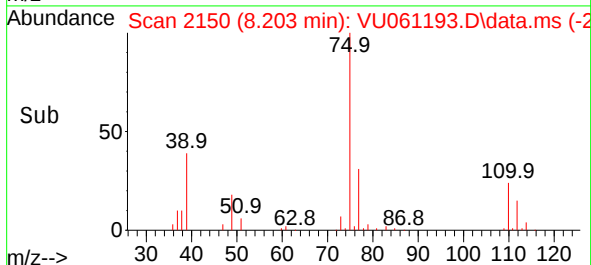
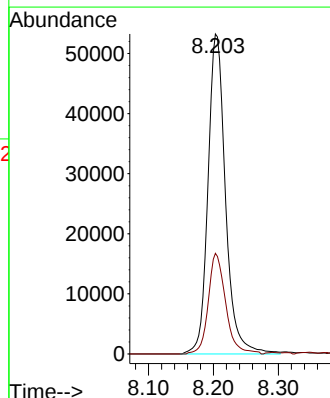
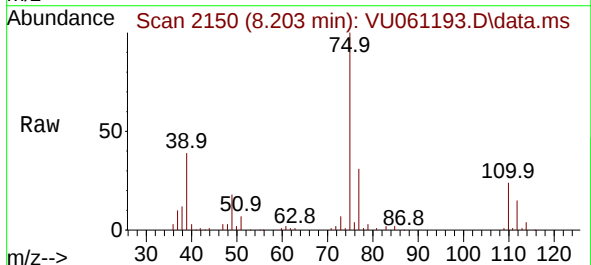
Acq: 23 Oct 2024 12:40

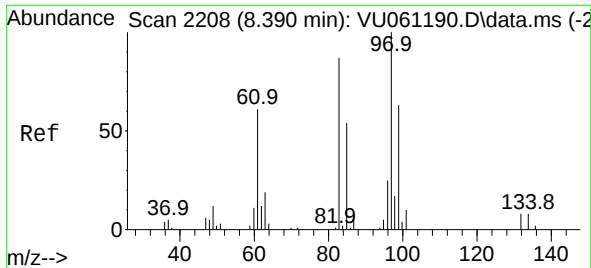
Tgt Ion: 75 Resp: 100094

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8

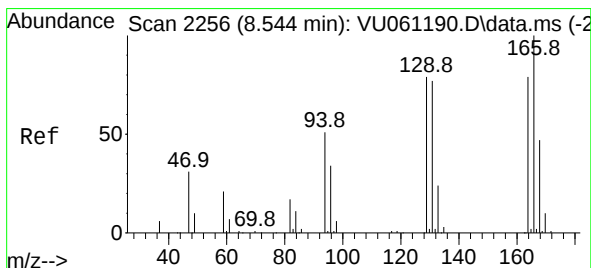
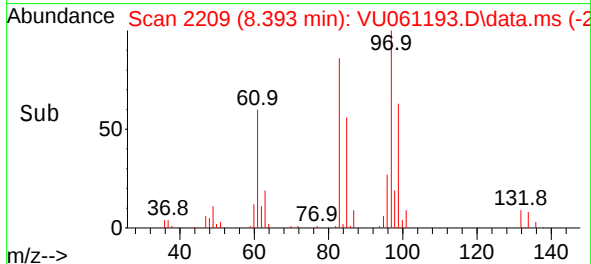
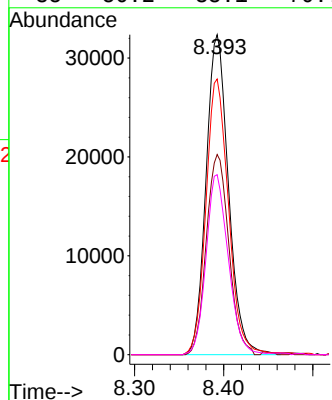
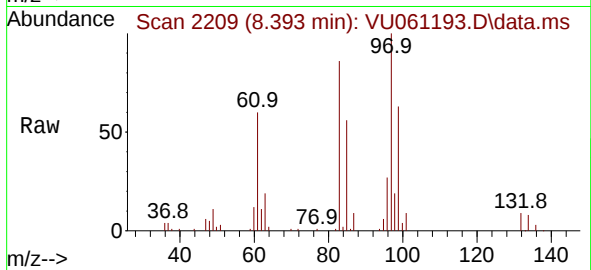




#45
1,1,2-Trichloroethane
Concen: 5.176 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

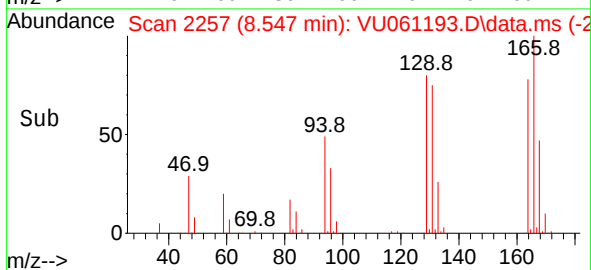
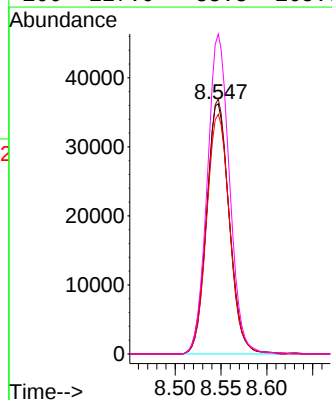
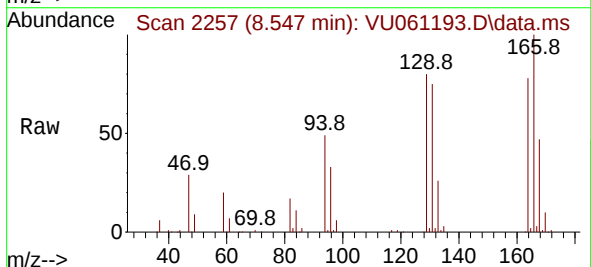
Instrument :
MSVOA_U
ClientSampleId :

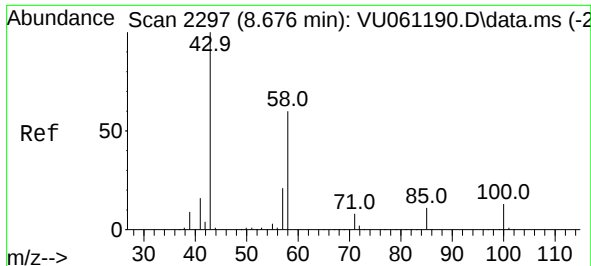
Tgt Ion:	97	Resp:	56664
Ion	Ratio	Lower	Upper
97	100		
99	62.6	44.1	81.9
83	86.2	61.2	113.6
85	56.2	38.1	70.7



#47
Tetrachloroethene
Concen: 5.491 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

Tgt Ion:	164	Resp:	62609
Ion	Ratio	Lower	Upper
164	100		
129	101.9	69.9	129.7
131	95.8	68.3	126.8
166	127.9	88.8	165.0





#48

2-Hexanone

Concen: 50.720 ug/L

RT: 8.676 min Scan# 21

Delta R.T. -0.000 min

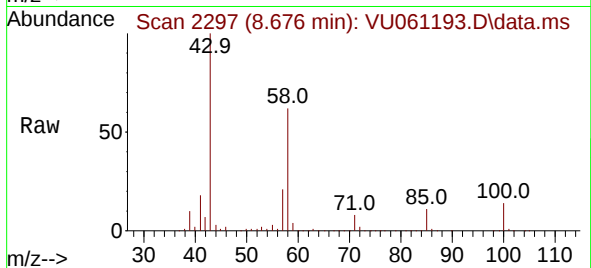
Lab File: VU061193.D

Acq: 23 Oct 2024 12:40

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 271558

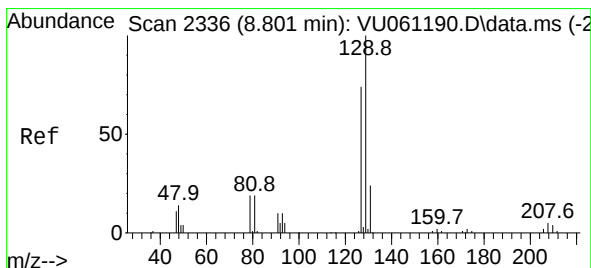
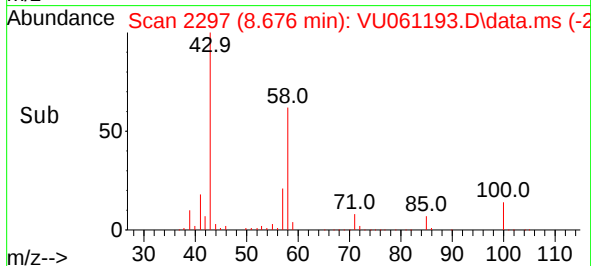
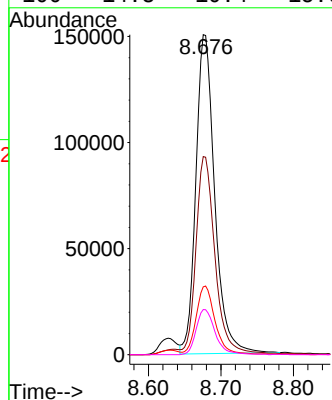
Ion Ratio Lower Upper

43 100

58 62.3 48.6 72.8

57 21.7 17.0 25.6

100 14.3 10.4 15.6



#49

Dibromochloromethane

Concen: 5.087 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU061193.D

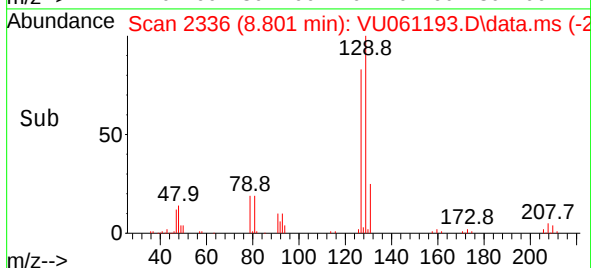
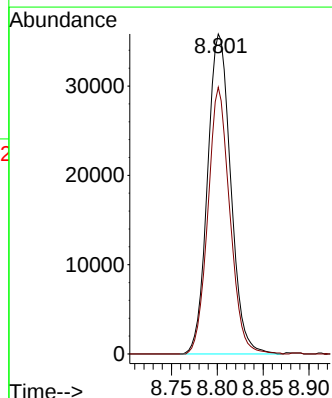
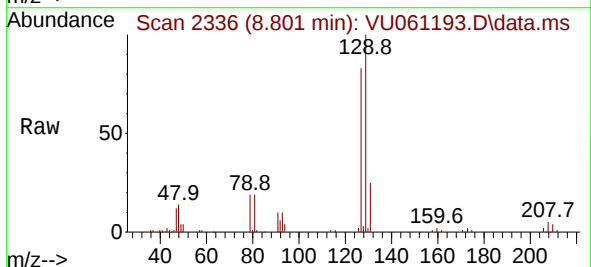
Acq: 23 Oct 2024 12:40

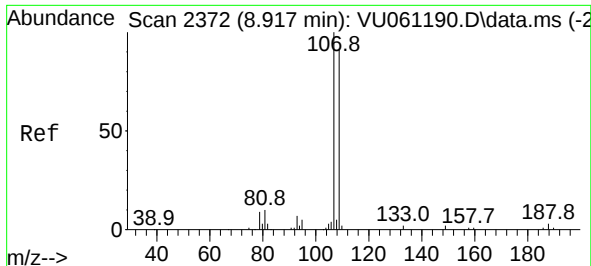
Tgt Ion: 129 Resp: 63164

Ion Ratio Lower Upper

129 100

127 83.4 51.8 96.2

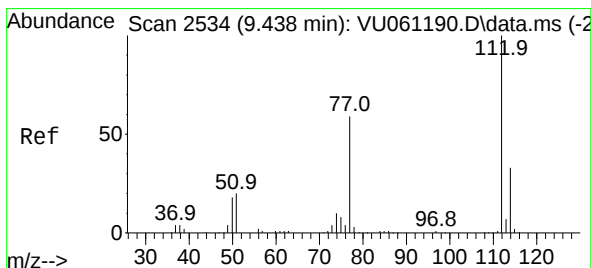
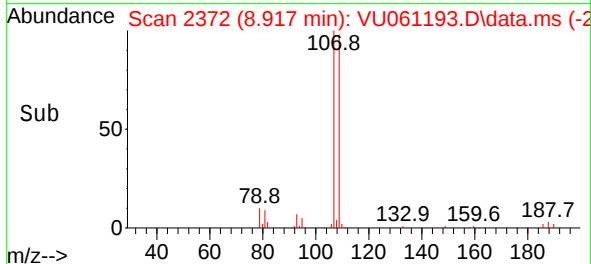
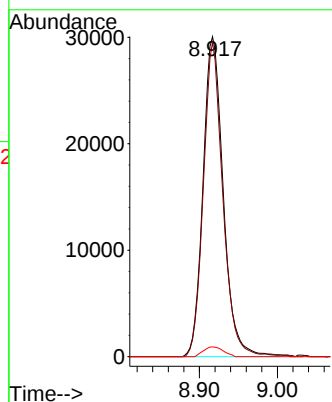
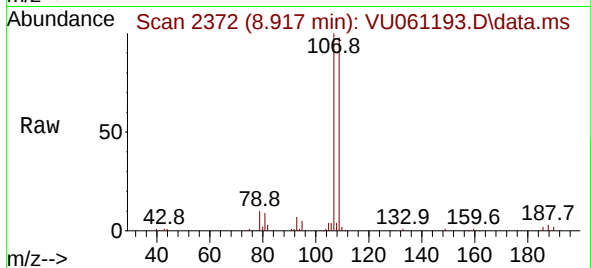




#50
1,2-Dibromoethane
Concen: 5.095 ug/L
RT: 8.917 min Scan# 241
Delta R.T. -0.000 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

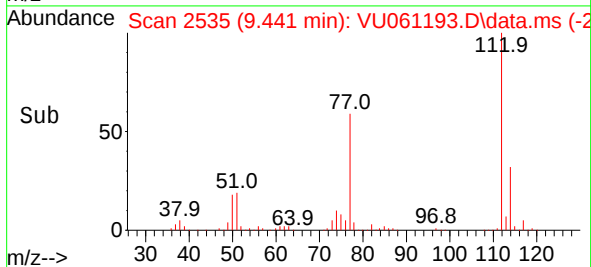
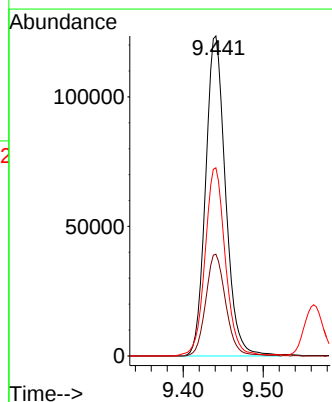
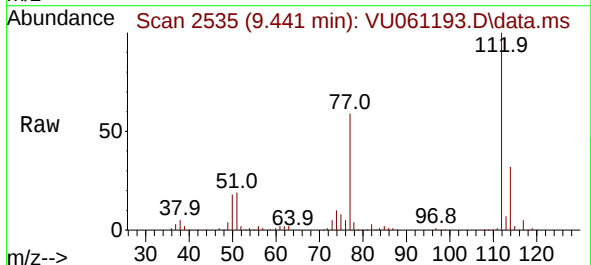
Instrument :
MSVOA_U
ClientSampleId :

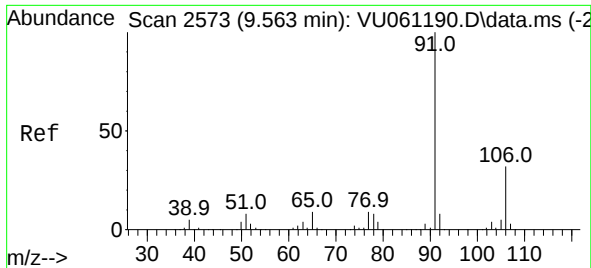
Tgt Ion:107 Resp: 54186
Ion Ratio Lower Upper
107 100
109 98.2 63.4 117.8
188 3.0 2.6 3.8



#51
Chlorobenzene
Concen: 5.201 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

Tgt Ion:112 Resp: 214251
Ion Ratio Lower Upper
112 100
114 31.8 22.9 42.5
77 58.8 47.1 70.7

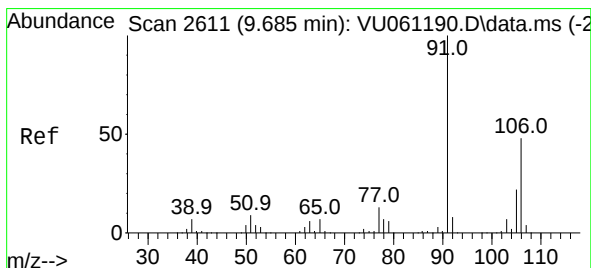
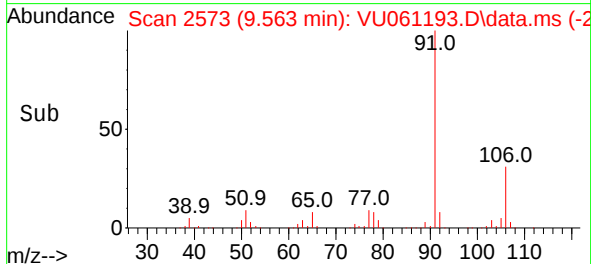
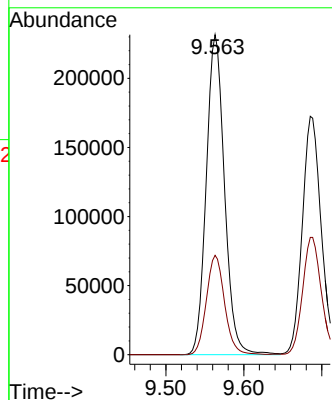
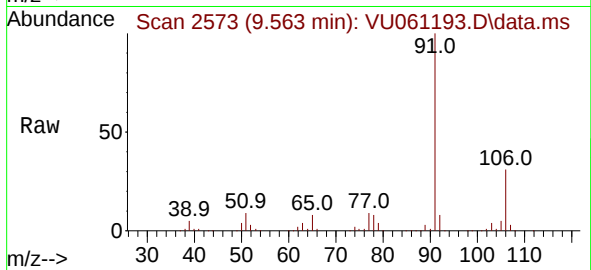




#52
Ethylbenzene
Concen: 5.247 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

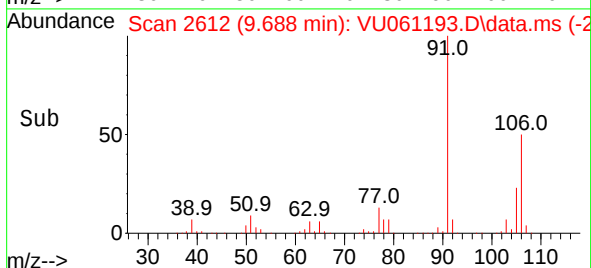
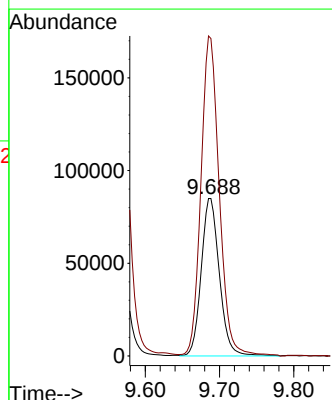
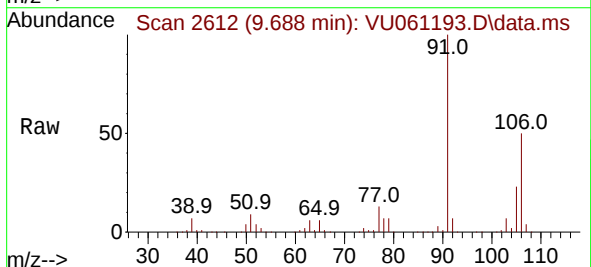
Instrument :
MSVOA_U
ClientSampleId :

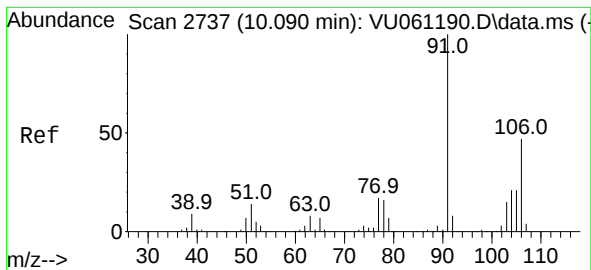
Tgt Ion: 91 Resp: 376169
Ion Ratio Lower Upper
91 100
106 31.0 22.0 41.0



#53
m,p-Xylene
Concen: 5.269 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

Tgt Ion:106 Resp: 143900
Ion Ratio Lower Upper
106 100
91 201.6 145.7 270.7





#54

o-Xylene

Concen: 5.066 ug/L

RT: 10.094 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061193.D

Acq: 23 Oct 2024 12:40

Instrument :

MSVOA_U

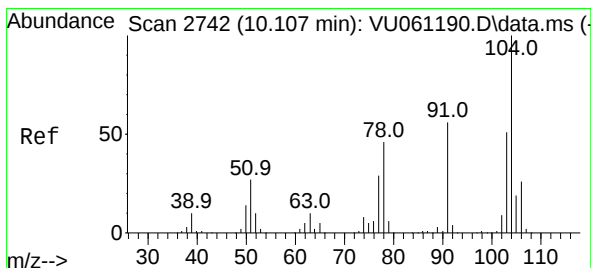
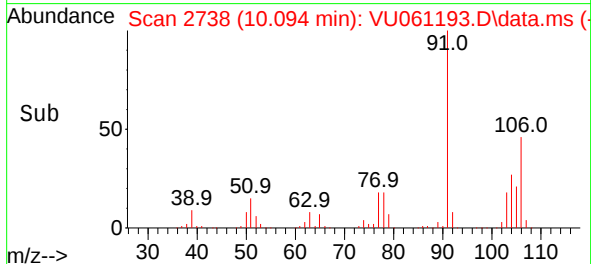
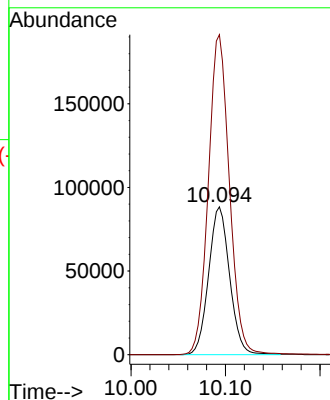
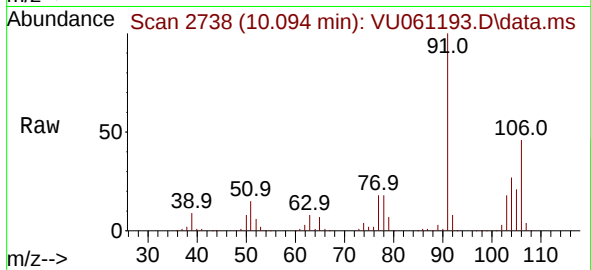
ClientSampleId :

Tgt Ion:106 Resp: 136545

Ion Ratio Lower Upper

106 100

91 216.4 148.8 276.4



#55

Styrene

Concen: 5.112 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.003 min

Lab File: VU061193.D

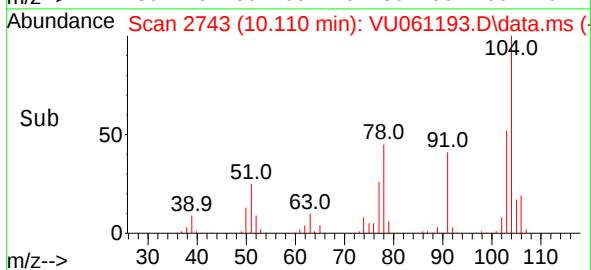
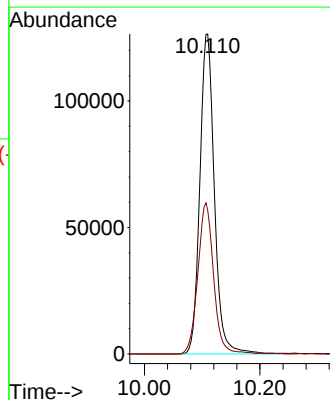
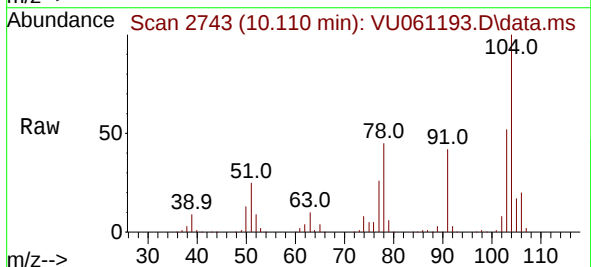
Acq: 23 Oct 2024 12:40

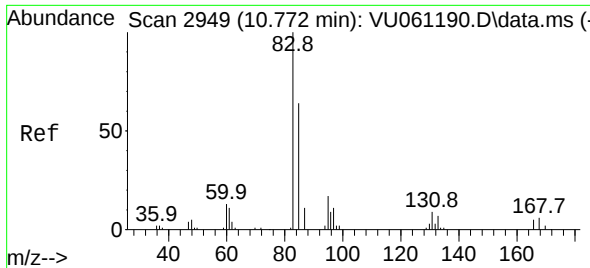
Tgt Ion:104 Resp: 220907

Ion Ratio Lower Upper

104 100

78 44.9 32.3 59.9

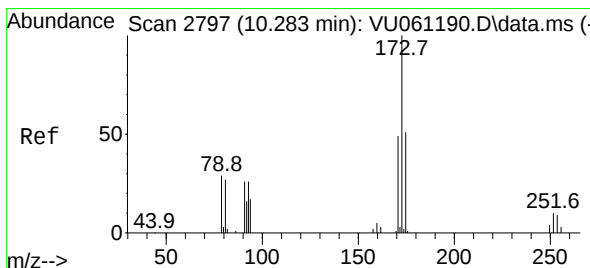
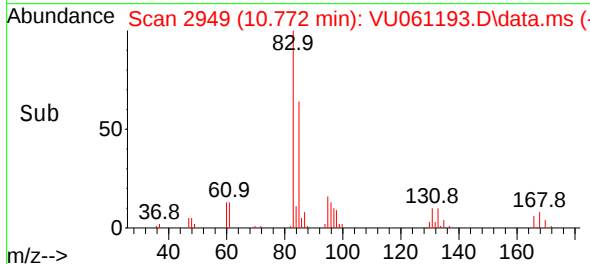
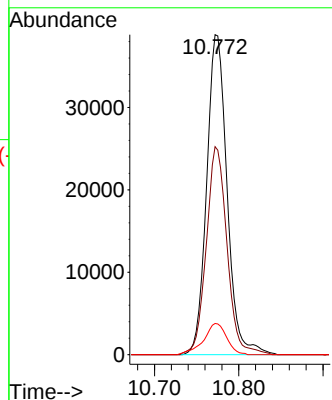
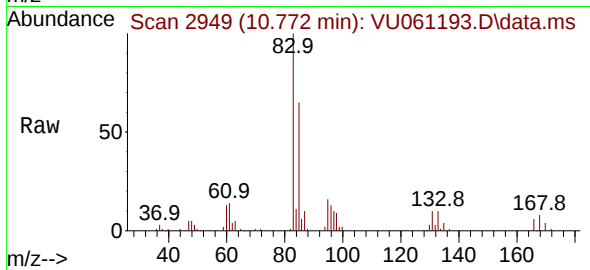




#57
1,1,2,2-Tetrachloroethane
Concen: 4.965 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

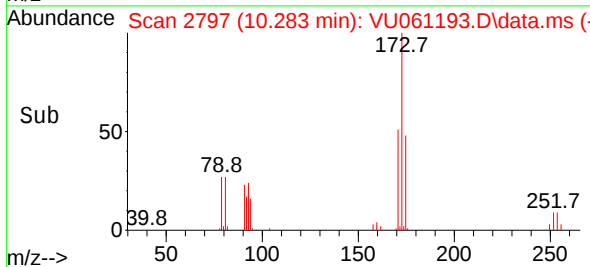
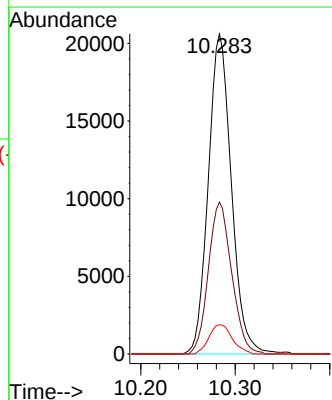
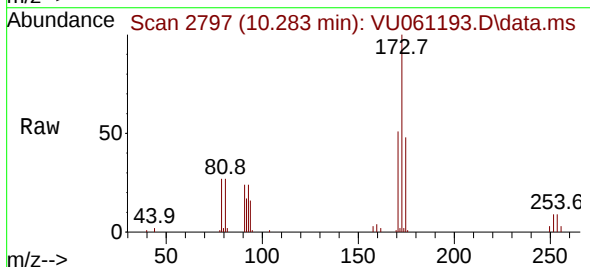
Instrument :
MSVOA_U
ClientSampleId :

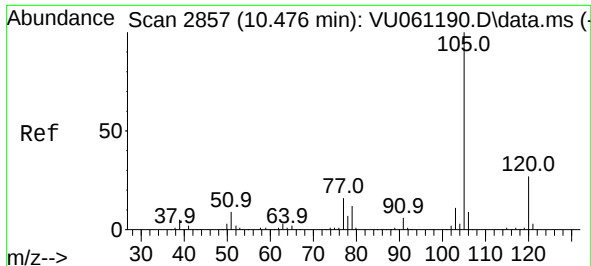
Tgt Ion: 83 Resp: 65504
Ion Ratio Lower Upper
83 100
85 65.0 45.3 84.1
131 9.7 7.6 11.4



#59
Bromoform
Concen: 5.366 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

Tgt Ion: 173 Resp: 34957
Ion Ratio Lower Upper
173 100
175 47.7 39.0 58.4
254 9.2 6.8 10.2

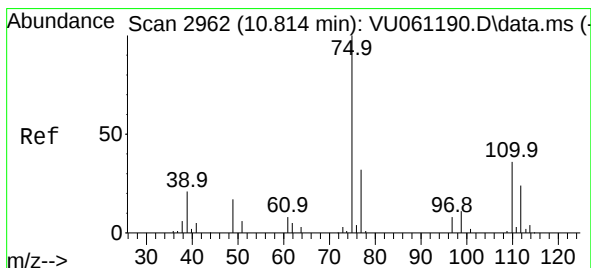
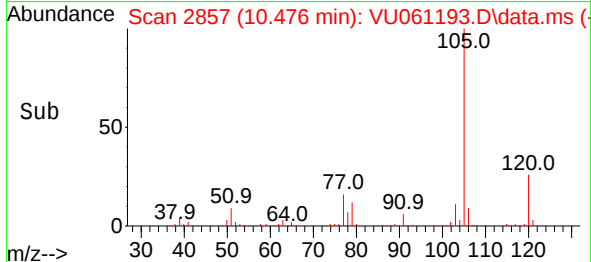
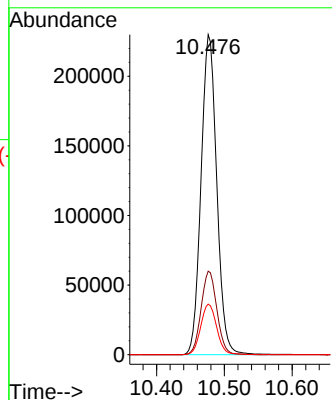
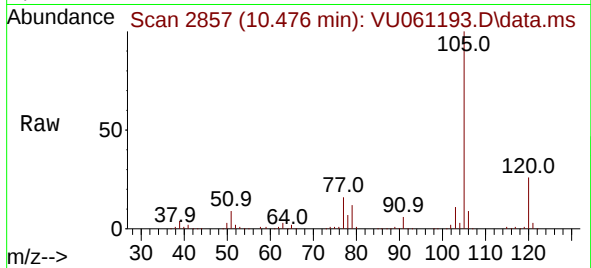




#60
Isopropylbenzene
Concen: 5.495 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

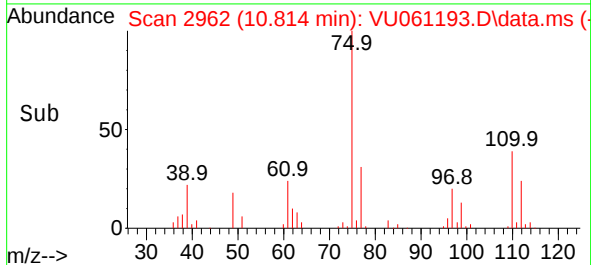
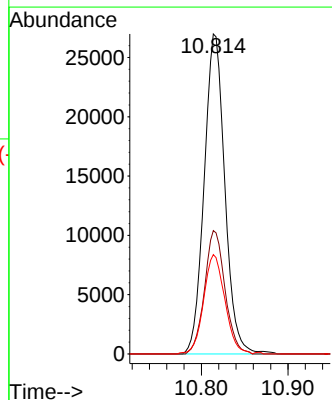
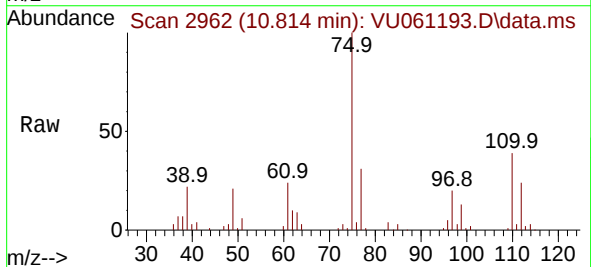
Instrument :
MSVOA_U
ClientSampleId :

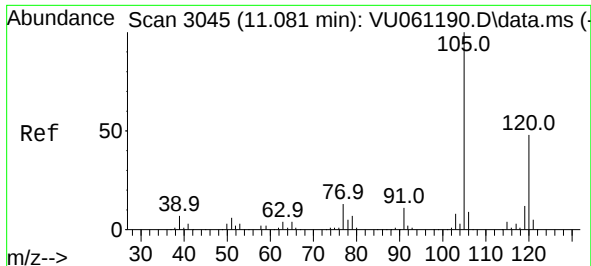
Tgt Ion:105 Resp: 369420
Ion Ratio Lower Upper
105 100
120 26.2 21.2 31.8
77 16.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.108 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

Tgt Ion: 75 Resp: 44779
Ion Ratio Lower Upper
75 100
110 38.0 28.8 43.2
77 31.9 25.7 38.5





#62

1,3,5-Trimethylbenzene

Concen: 5.412 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU061193.D

Acq: 23 Oct 2024 12:40

Instrument :

MSVOA_U

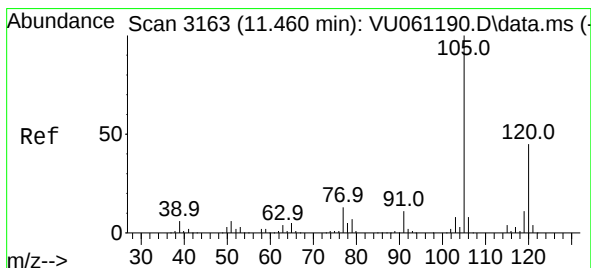
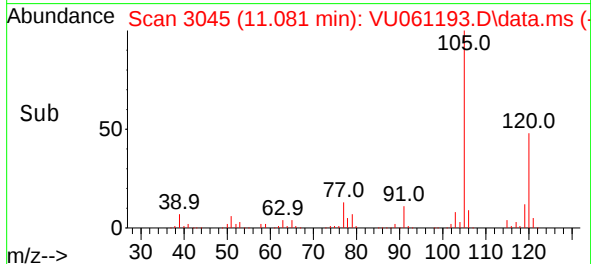
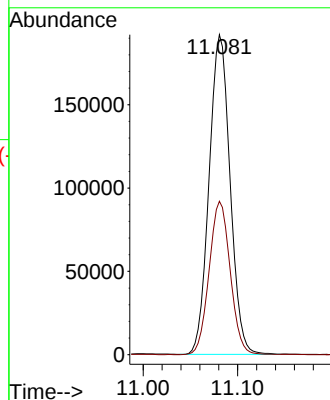
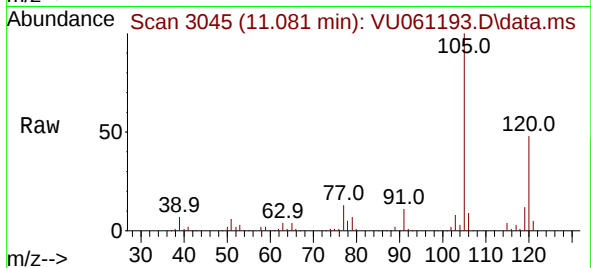
ClientSampleId :

Tgt Ion:105 Resp: 296200

Ion Ratio Lower Upper

105 100

120 48.2 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 5.407 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU061193.D

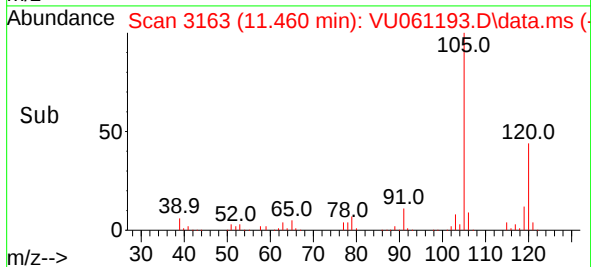
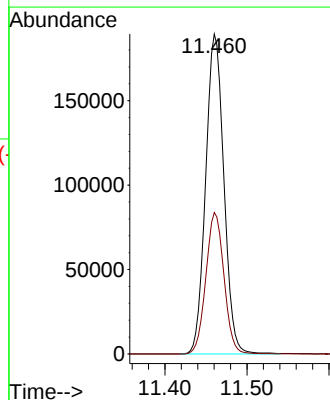
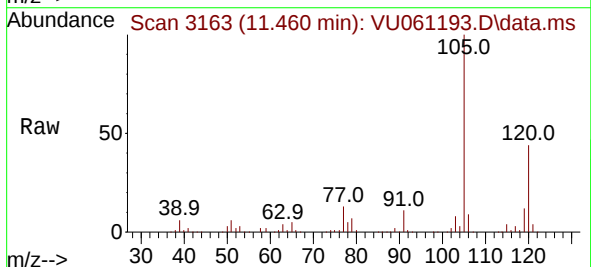
Acq: 23 Oct 2024 12:40

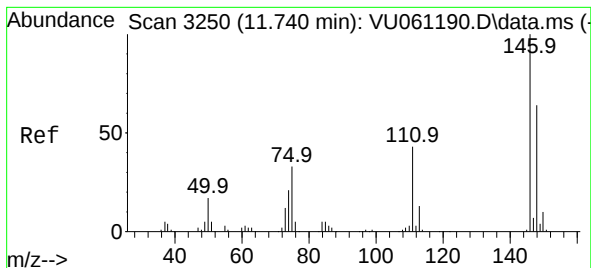
Tgt Ion:105 Resp: 292535

Ion Ratio Lower Upper

105 100

120 43.9 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.425 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

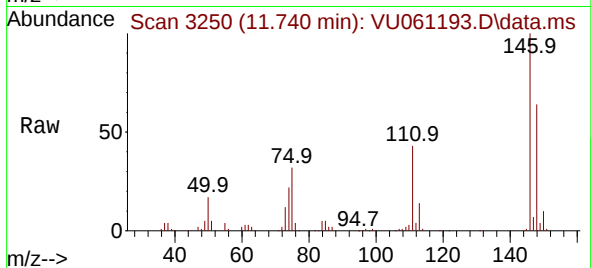
Lab File: VU061193.D

Acq: 23 Oct 2024 12:40

Instrument :

MSVOA_U

ClientSampleId :



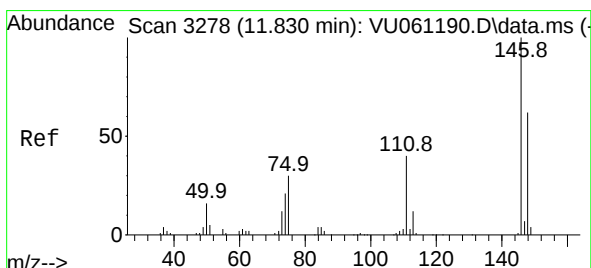
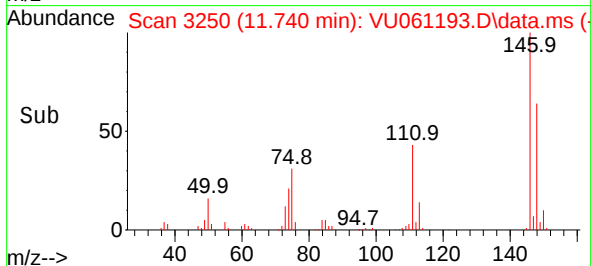
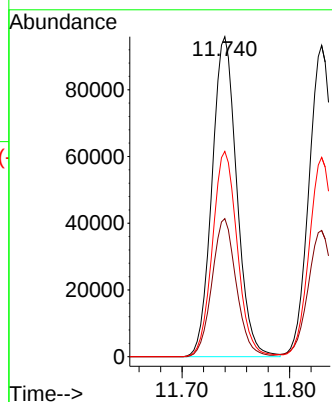
Tgt Ion:146 Resp: 153497

Ion Ratio Lower Upper

146 100

111 43.2 30.0 55.8

148 64.2 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 5.304 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU061193.D

Acq: 23 Oct 2024 12:40

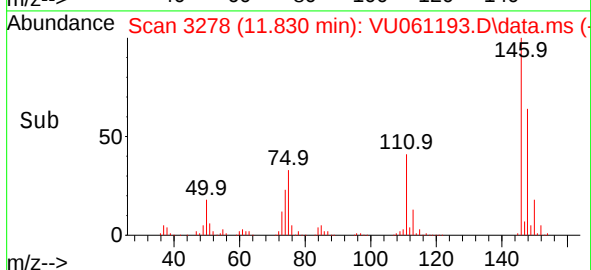
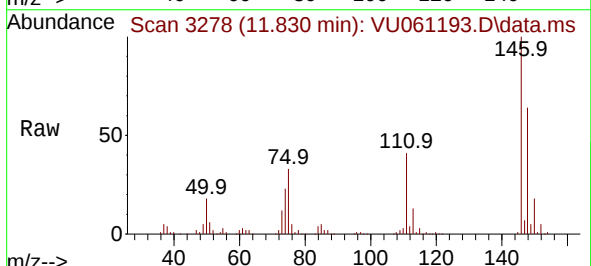
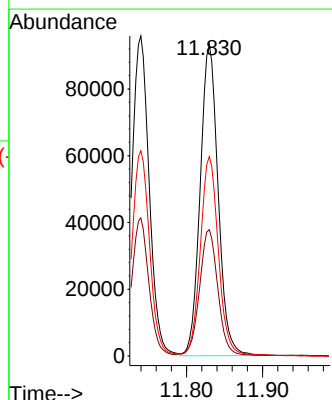
Tgt Ion:146 Resp: 152983

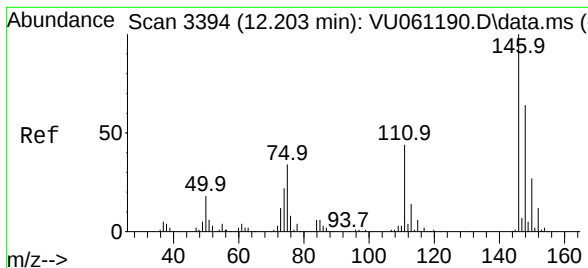
Ion Ratio Lower Upper

146 100

111 40.5 28.2 52.4

148 64.0 43.3 80.3

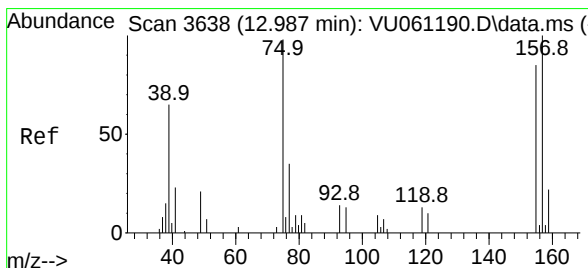
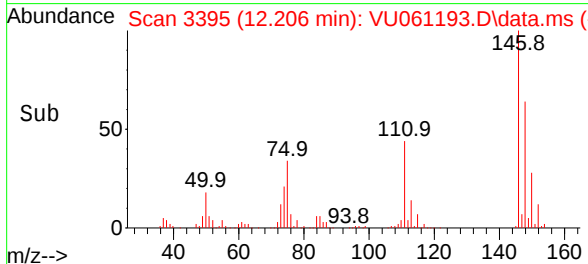
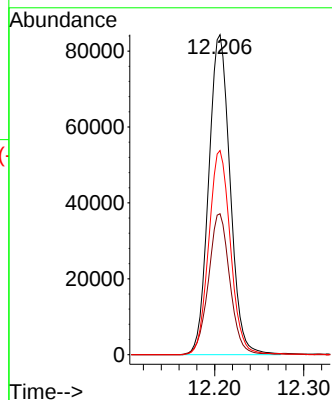
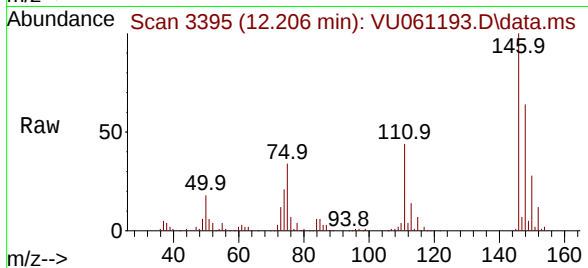




#67
1,2-Dichlorobenzene
Concen: 5.276 ug/L
RT: 12.206 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

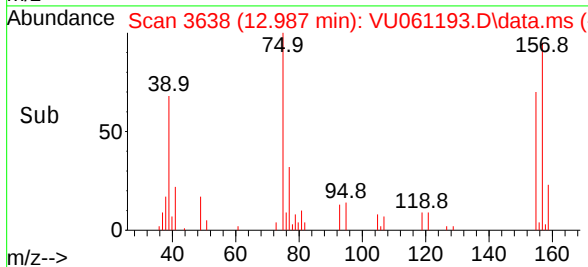
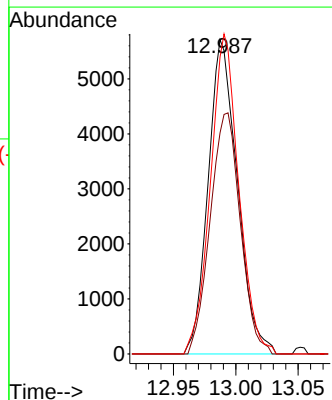
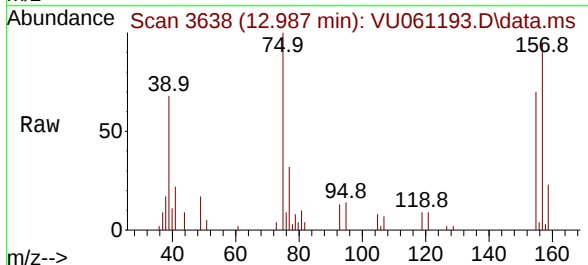
Instrument :
MSVOA_U
ClientSampleId :

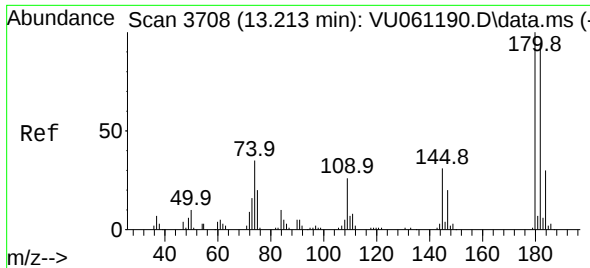
Tgt Ion:146 Resp: 140505
Ion Ratio Lower Upper
146 100
111 44.0 35.2 52.8
148 63.8 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.074 ug/L
RT: 12.987 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

Tgt Ion: 75 Resp: 9340
Ion Ratio Lower Upper
75 100
155 70.4 69.3 103.9
157 94.5 81.4 122.2





#69

1,3,5-Trichlorobenzene

Concen: 5.598 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

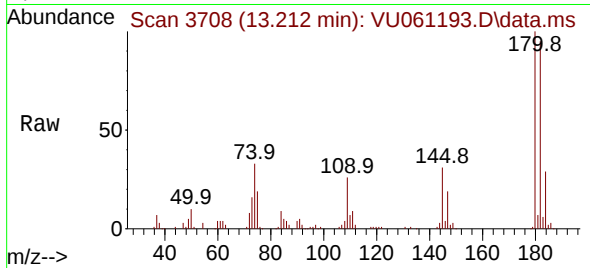
Lab File: VU061193.D

Acq: 23 Oct 2024 12:40

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 108575

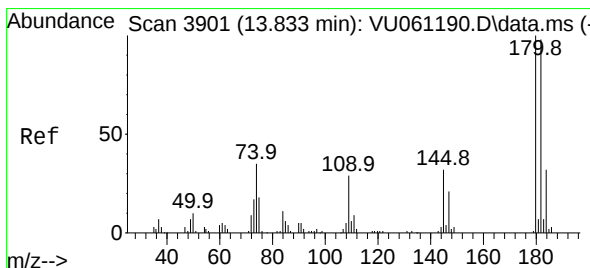
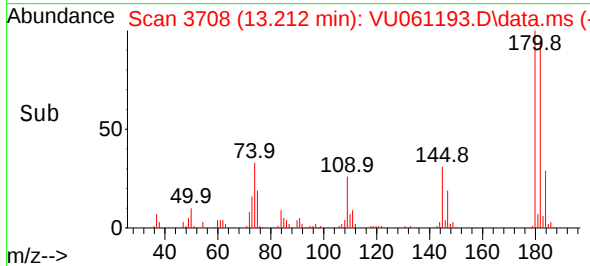
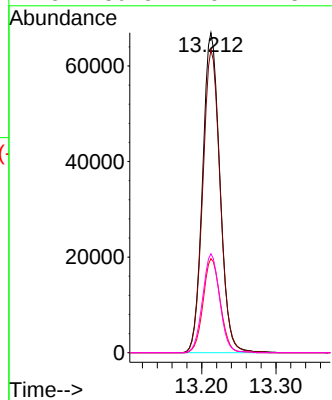
Ion Ratio Lower Upper

180 100

182 94.9 77.4 116.2

184 29.1 24.4 36.6

145 30.5 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 5.529 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU061193.D

Acq: 23 Oct 2024 12:40

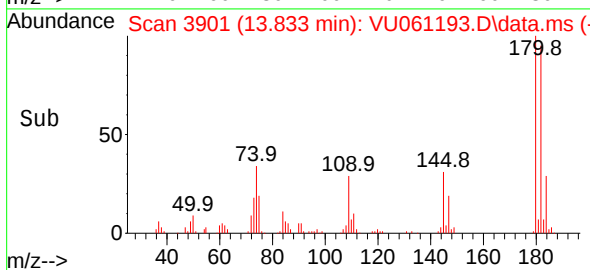
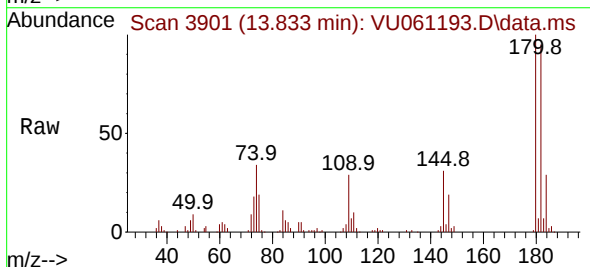
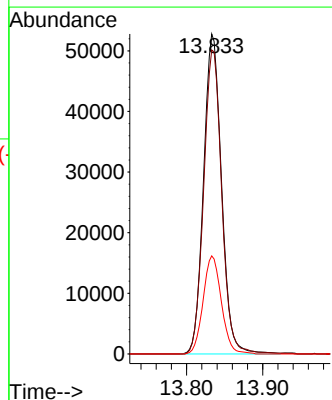
Tgt Ion:180 Resp: 86539

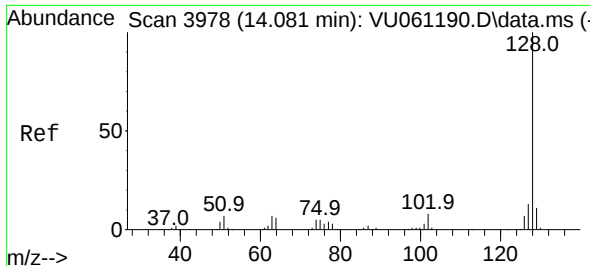
Ion Ratio Lower Upper

180 100

182 95.6 77.2 115.8

145 31.1 25.6 38.4

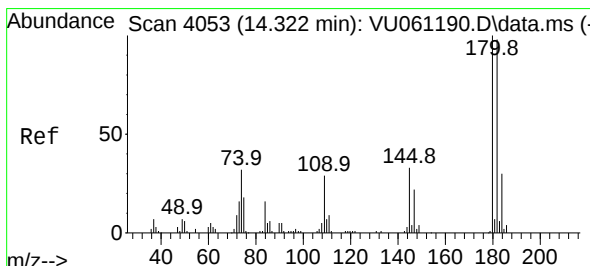
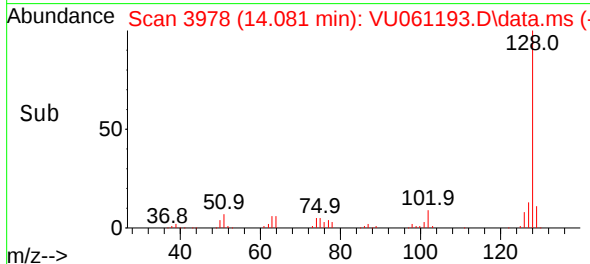
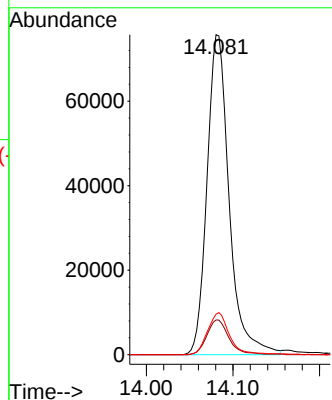
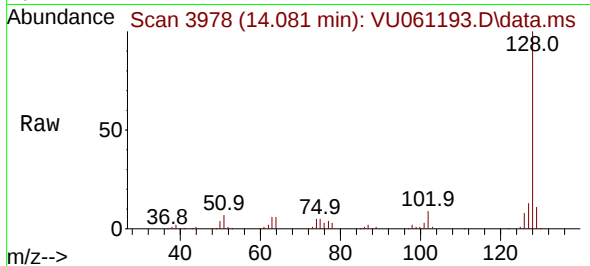




#71
Naphthalene
Concen: 5.447 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 134540
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.2 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.613 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU061193.D
Acq: 23 Oct 2024 12:40

Tgt Ion:180 Resp: 73504
Ion Ratio Lower Upper
180 100
182 92.2 76.0 114.0
145 30.5 26.5 39.7

