

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102424\
 Data File : VU061195.D
 Acq On : 24 Oct 2024 09:52
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 25 02:32:26 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	196157	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	176207	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	82968	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	58441	4.386	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.907	69	53498	4.379	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.560	65	25620	4.494	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.800%
20) 2-Butanone-d5	4.631	46	127844	47.256	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.520%
24) Chloroform-d	5.055	84	118188	4.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.692	65	58088	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.717	84	237096	4.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.682	67	70933	4.752	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.891	98	217466	4.684	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	8.174	79	29251	4.801	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.627	63	121149	48.545	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.080%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	54702	4.846	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	71299	4.853	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	66507	5.086	ug/L	99
3) Chloromethane	1.515	50	67334	4.883	ug/L	100
5) Vinyl chloride	1.599	62	76059	5.016	ug/L	99
6) Bromomethane	1.853	94	49200	4.897	ug/L	98
8) Chloroethane	1.930	64	53533	4.795	ug/L	98
9) Trichlorofluoromethane	2.132	101	110173	5.350	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	64630	5.285	ug/L	99
12) 1,1-Dichloroethene	2.573	96	60122	5.184	ug/L	95
13) Acetone	2.647	43	83822	48.918	ug/L	97
14) Carbon disulfide	2.785	76	194832	5.035	ug/L	99
15) Methyl Acetate	2.955	43	20504	4.832	ug/L	98
16) Methylene chloride	3.036	84	67095	4.910	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	161719	5.145	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	66531	5.188	ug/L	94
19) 1,1-Dichloroethane	3.859	63	124281	5.138	ug/L	98
21) 2-Butanone	4.708	43	136686	50.318	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	75728	5.170	ug/L	97
23) Bromochloromethane	4.965	128	32091	5.207	ug/L	98
25) Chloroform	5.078	83	128615	5.058	ug/L	98

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 Data File : VU061195.D
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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 25 02:32:26 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

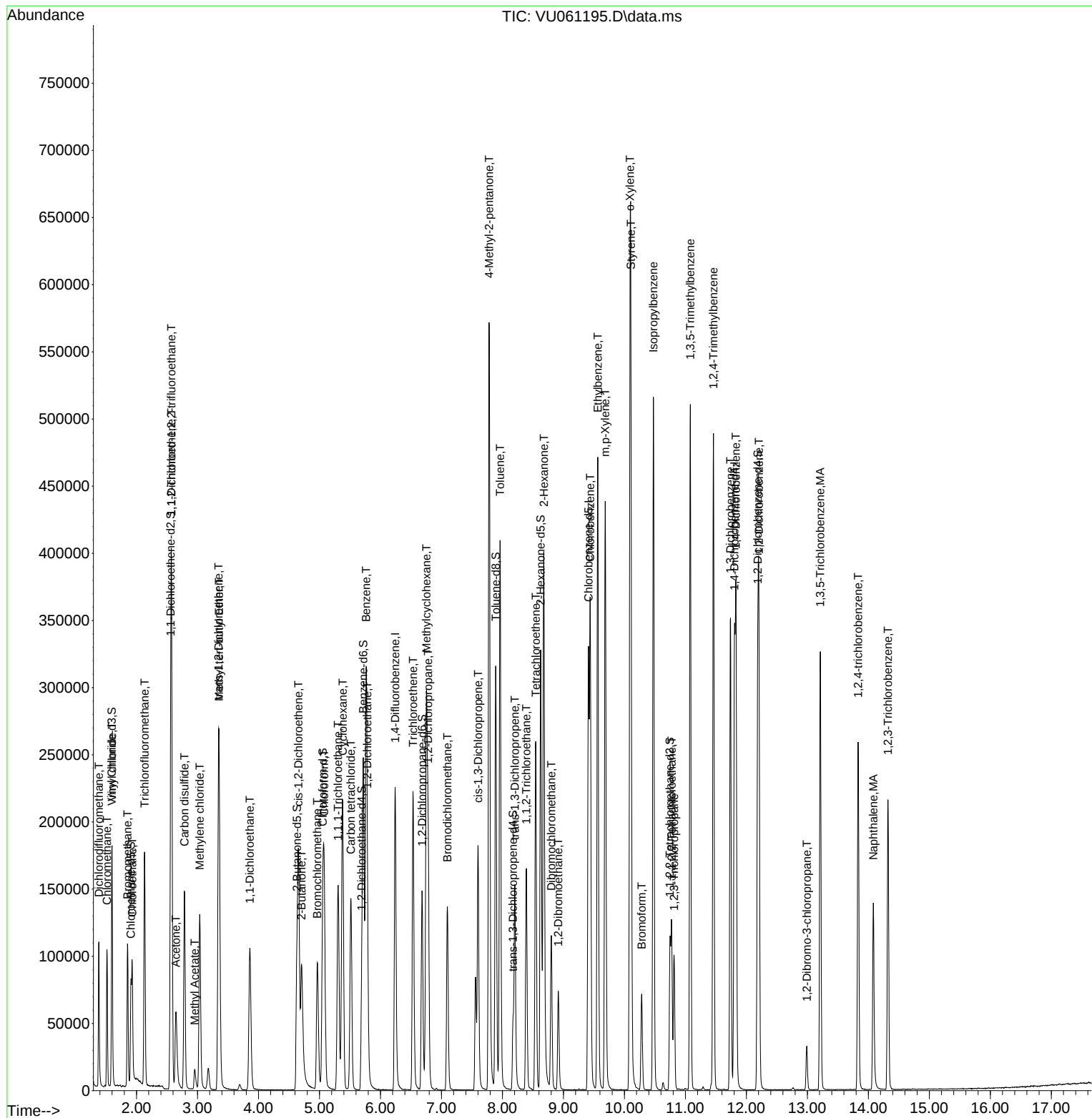
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	80916	5.035	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	114470	5.305	ug/L	99
30) Cyclohexane	5.380	56	115551	5.339	ug/L	99
31) Carbon tetrachloride	5.515	117	99151	5.370	ug/L	99
33) Benzene	5.766	78	285415	5.237	ug/L	100
34) Trichloroethene	6.534	95	76645	5.170	ug/L	97
35) Methylcyclohexane	6.753	83	124018	5.256	ug/L	98
37) 1,2-Dichloropropane	6.782	63	71227	5.157	ug/L	100
38) Bromodichloromethane	7.097	83	92386	5.285	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	113020	5.298	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	356539	51.862	ug/L	100
42) Toluene	7.962	91	308899	5.220	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	90091	5.183	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	51595	5.190	ug/L	97
47) Tetrachloroethene	8.547	164	55259	5.337	ug/L	95
48) 2-Hexanone	8.679	43	253845	52.216	ug/L	100
49) Dibromochloromethane	8.801	129	59109	5.243	ug/L	97
50) 1,2-Dibromoethane	8.917	107	49505	5.126	ug/L	96
51) Chlorobenzene	9.441	112	195480	5.226	ug/L	99
52) Ethylbenzene	9.563	91	342867	5.267	ug/L	100
53) m,p-Xylene	9.685	106	129726	5.231	ug/L	97
54) o-Xylene	10.093	106	126490	5.168	ug/L	96
55) Styrene	10.106	104	204741	5.218	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	61171	5.107	ug/L	99
59) Bromoform	10.283	173	31378	5.109	ug/L	99
60) Isopropylbenzene	10.476	105	341116	5.382	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	41857	5.064	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	276882	5.366	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	272201	5.337	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	140614	5.271	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	140619	5.171	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	129563	5.161	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	8790	5.065	ug/L	87
69) 1,3,5-Trichlorobenzene	13.212	180	98263	5.374	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	77715	5.267	ug/L	98
71) Naphthalene	14.084	128	119687	5.140	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	65424	5.300	ug/L	99

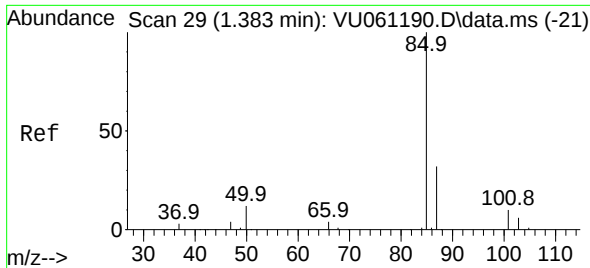
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102424\
 Data File : VU061195.D
 Acq On : 24 Oct 2024 09:52
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 25 02:32:26 2024
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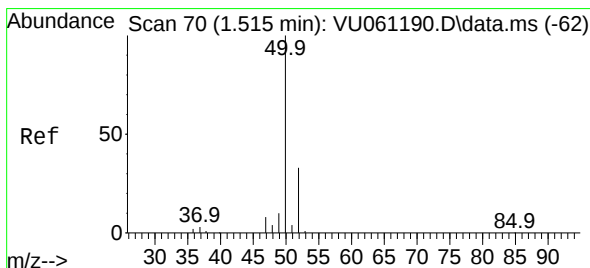
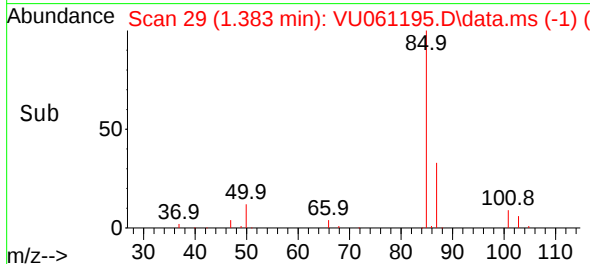
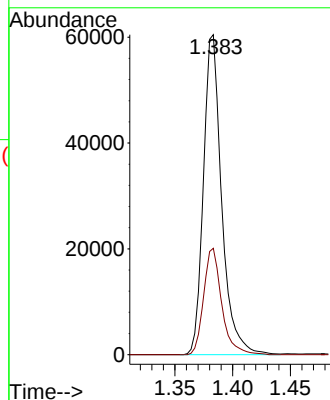
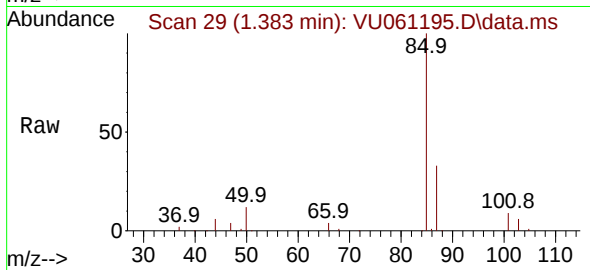




#2
Dichlorodifluoromethane
Concen: 5.086 ug/L
RT: 1.383 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU061195.D
Acq: 24 Oct 2024 09:52

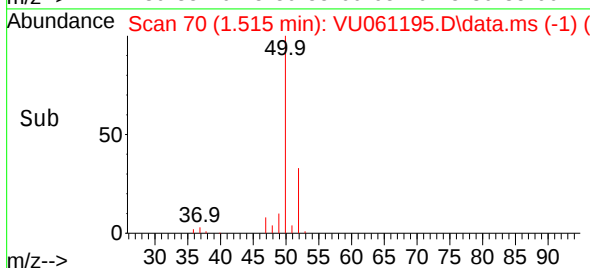
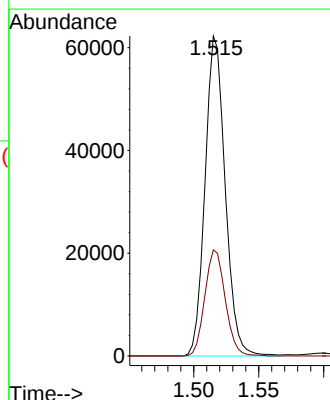
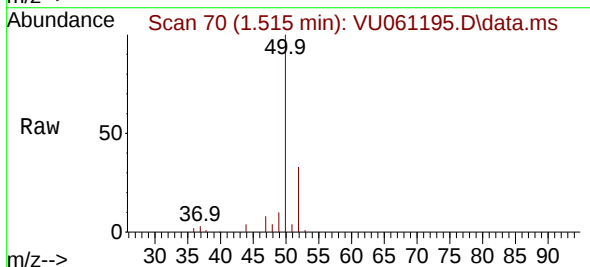
Instrument :
MSVOA_U
ClientSampleId :

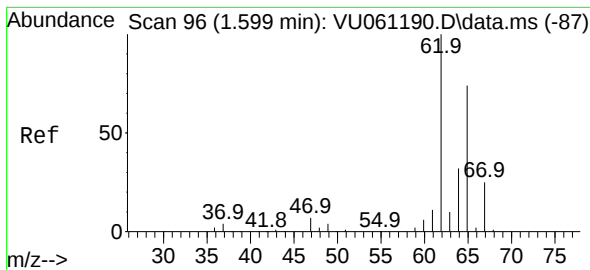
Tgt Ion: 85 Resp: 66507
Ion Ratio Lower Upper
85 100
87 32.9 25.7 38.5



#3
Chloromethane
Concen: 4.883 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU061195.D
Acq: 24 Oct 2024 09:52

Tgt Ion: 50 Resp: 67334
Ion Ratio Lower Upper
50 100
52 33.2 23.4 43.4





#5

Vinyl chloride

Concen: 5.016 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU061195.D

Acq: 24 Oct 2024 09:52

Instrument :

MSVOA_U

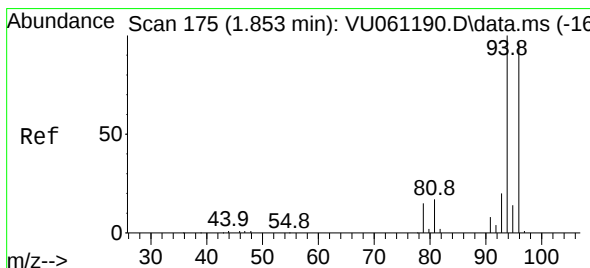
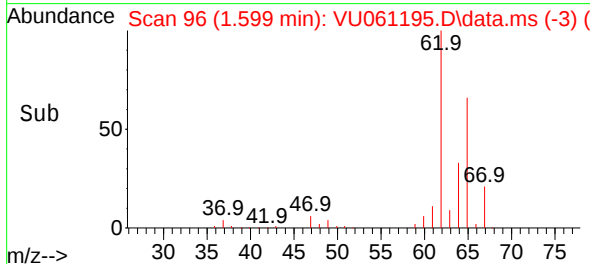
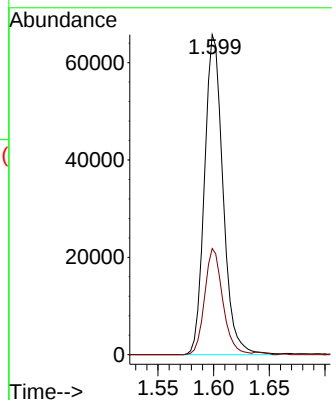
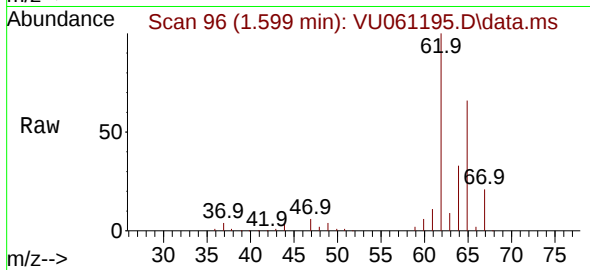
ClientSampleId :

Tgt Ion: 62 Resp: 76059

Ion Ratio Lower Upper

62 100

64 33.1 22.6 42.0



#6

Bromomethane

Concen: 4.897 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU061195.D

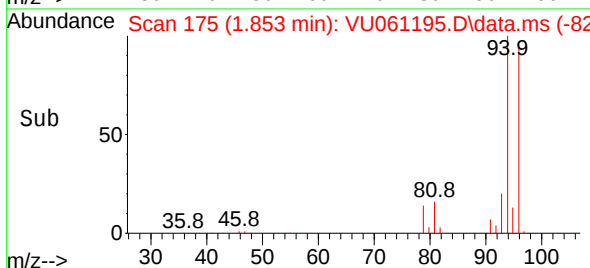
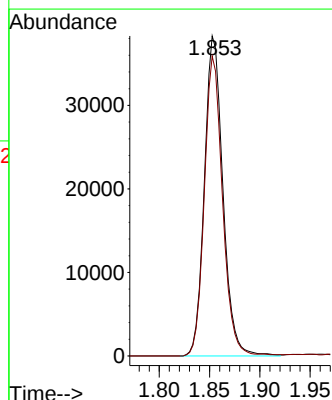
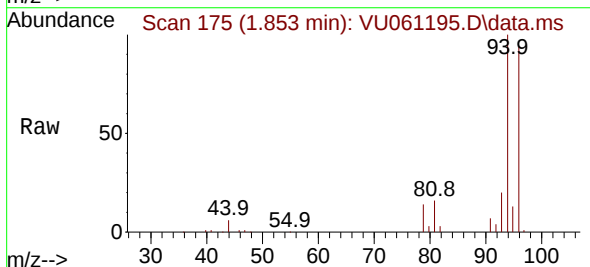
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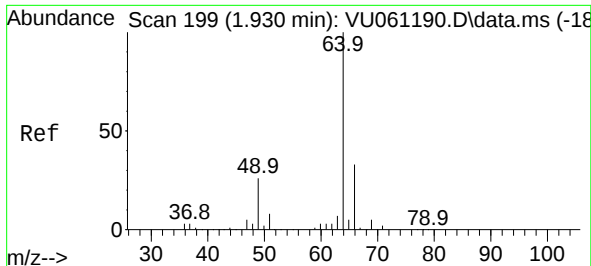
Tgt Ion: 94 Resp: 49200

Ion Ratio Lower Upper

94 100

96 93.7 66.9 124.3

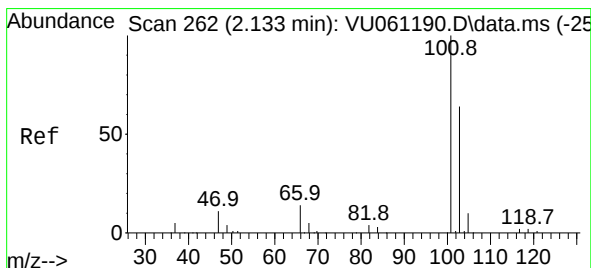
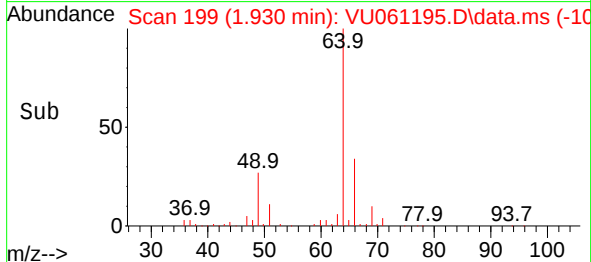
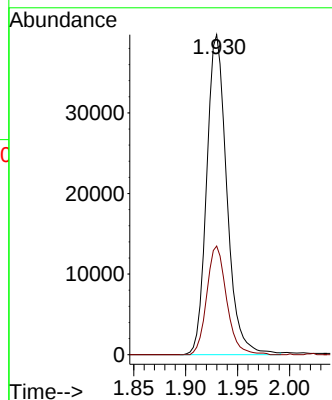
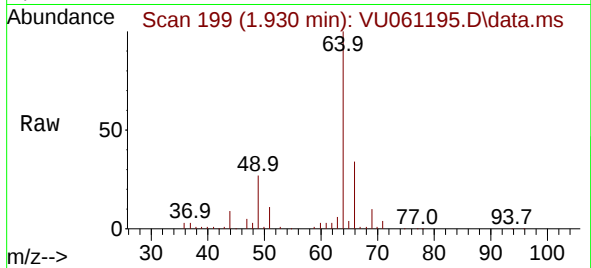




#8
Chloroethane
Concen: 4.795 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061195.D
Acq: 24 Oct 2024 09:52

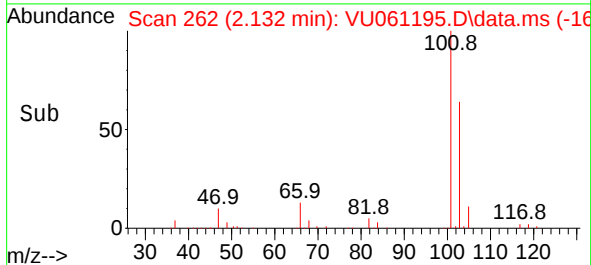
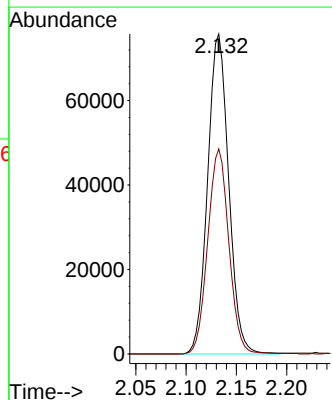
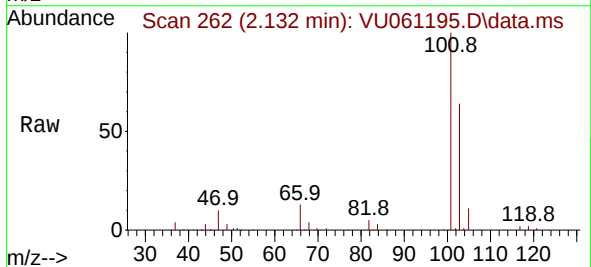
Instrument :
MSVOA_U
ClientSampleId :

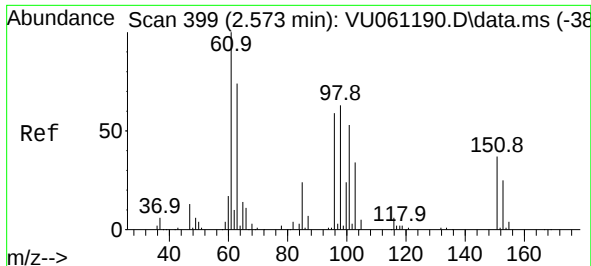
Tgt Ion: 64 Resp: 53533
Ion Ratio Lower Upper
64 100
66 34.0 23.1 42.9



#9
Trichlorofluoromethane
Concen: 5.350 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061195.D
Acq: 24 Oct 2024 09:52

Tgt Ion:101 Resp: 110173
Ion Ratio Lower Upper
101 100
103 64.3 50.6 75.8

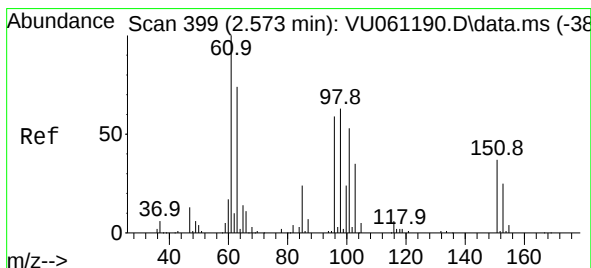
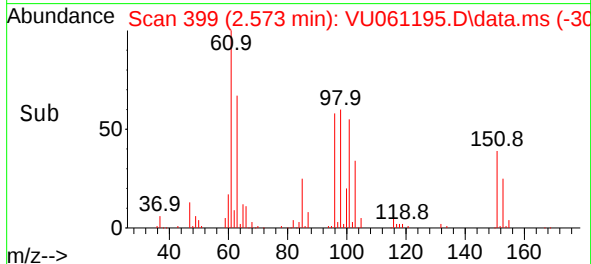
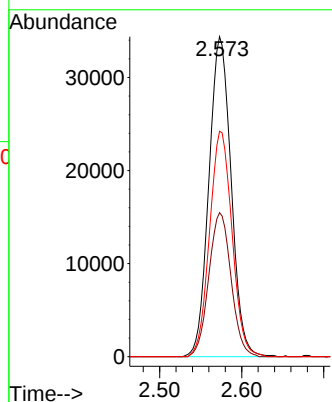
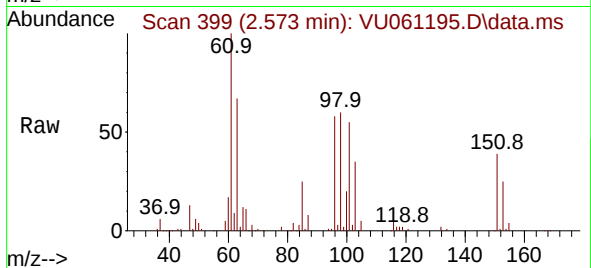




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.285 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU061195.D
 Acq: 24 Oct 2024 09:52

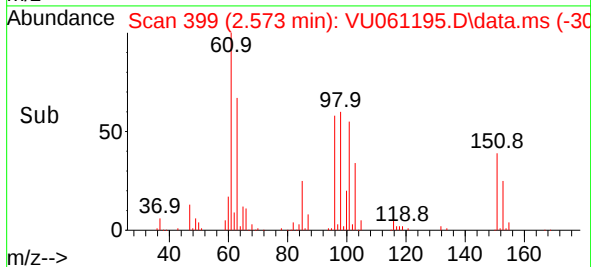
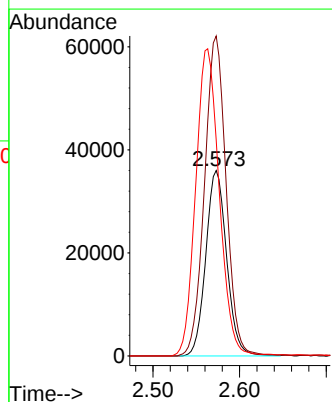
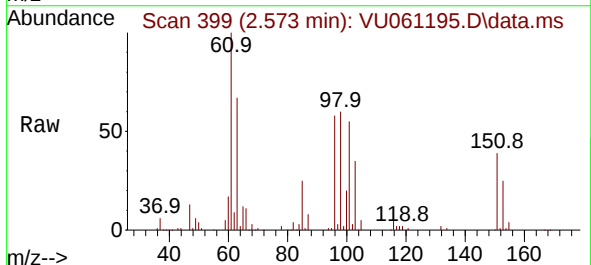
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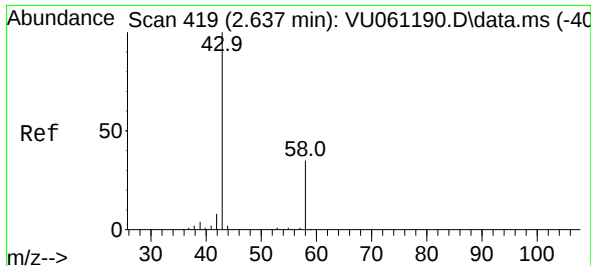
Tgt Ion:101 Resp: 64630
 Ion Ratio Lower Upper
 101 100
 85 45.1 35.6 53.4
 151 71.4 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 5.184 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU061195.D
 Acq: 24 Oct 2024 09:52

Tgt Ion: 96 Resp: 60122
 Ion Ratio Lower Upper
 96 100
 61 172.6 119.1 221.1
 63 116.5 89.4 166.0





#13

Acetone

Concen: 48.918 ug/L

RT: 2.647 min Scan# 41

Delta R.T. 0.009 min

Lab File: VU061195.D

Acq: 24 Oct 2024 09:52

Instrument :

MSVOA_U

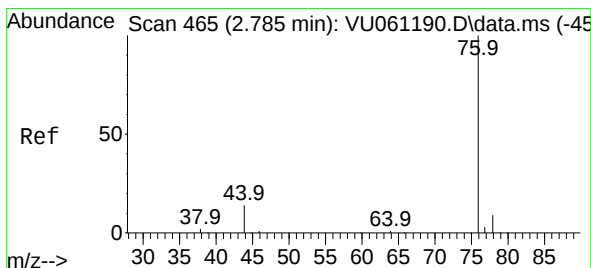
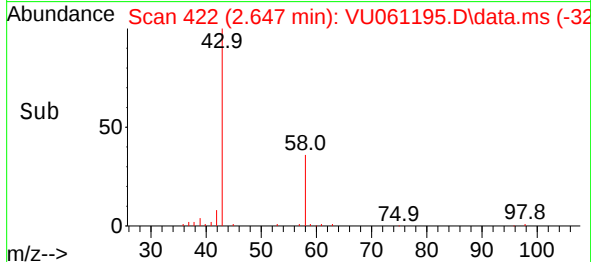
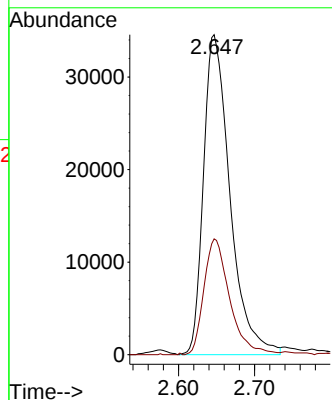
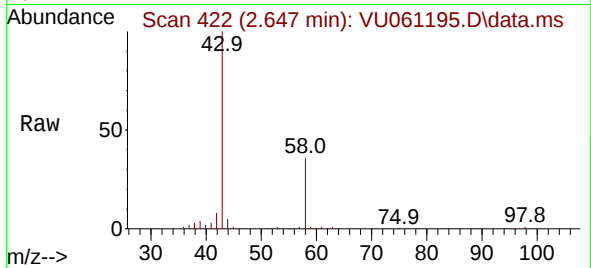
ClientSampleId :

Tgt Ion: 43 Resp: 83822

Ion Ratio Lower Upper

43 100

58 35.1 0.0 73.2



#14

Carbon disulfide

Concen: 5.035 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU061195.D

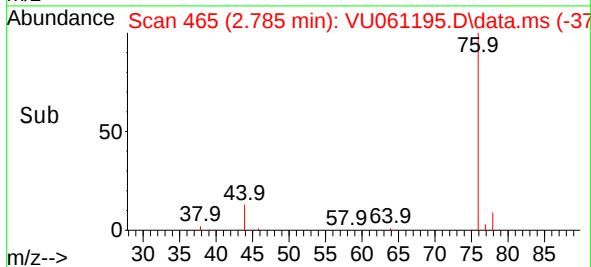
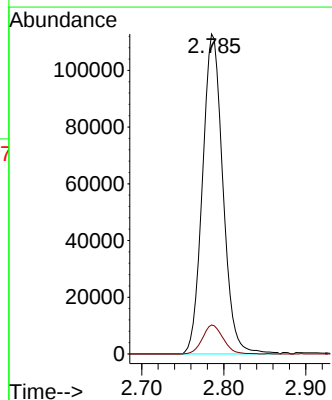
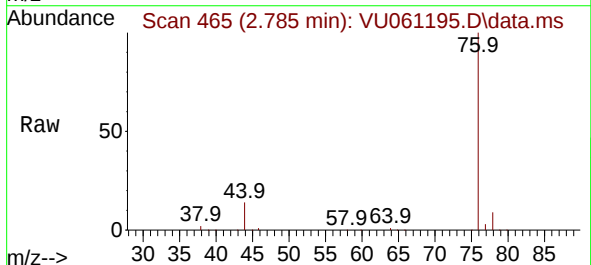
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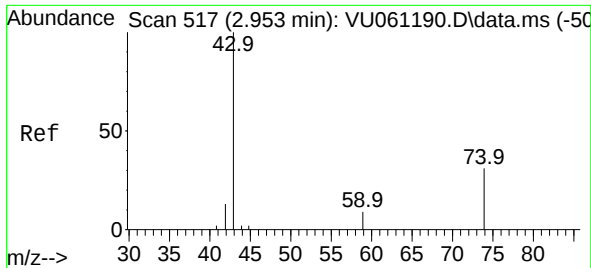
Tgt Ion: 76 Resp: 194832

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

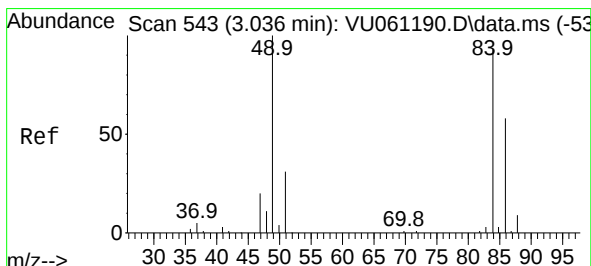
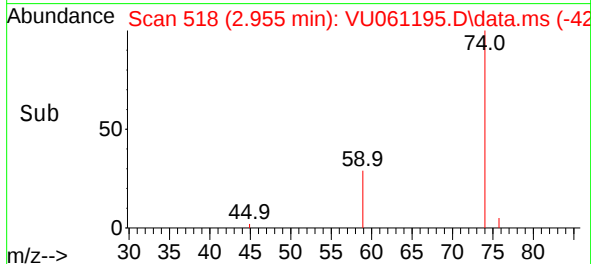
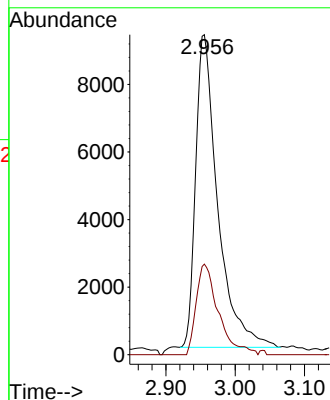
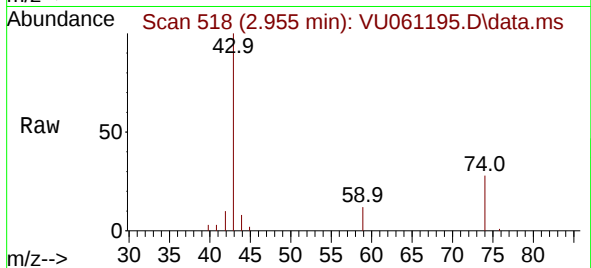




#15
Methyl Acetate
Concen: 4.832 ug/L
RT: 2.955 min Scan# 517
Delta R.T. 0.003 min
Lab File: VU061195.D
Acq: 24 Oct 2024 09:52

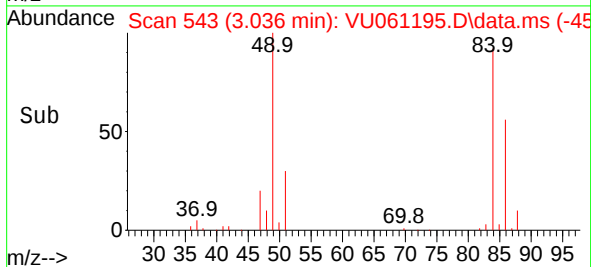
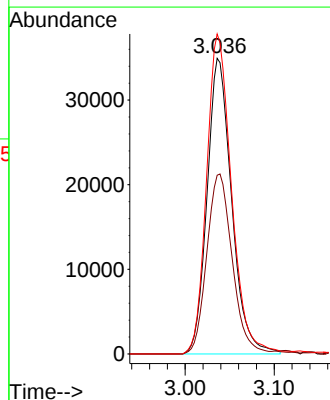
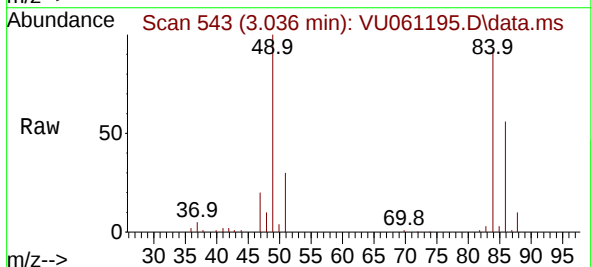
Instrument :
MSVOA_U
ClientSampleId :

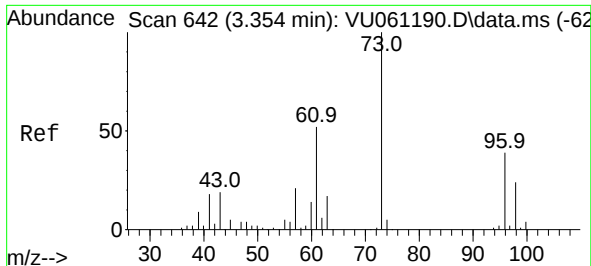
Tgt Ion: 43 Resp: 20504
Ion Ratio Lower Upper
43 100
74 29.1 22.2 33.4



#16
Methylene chloride
Concen: 4.910 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU061195.D
Acq: 24 Oct 2024 09:52

Tgt Ion: 84 Resp: 67095
Ion Ratio Lower Upper
84 100
86 60.4 43.5 80.7
49 108.2 75.7 140.7

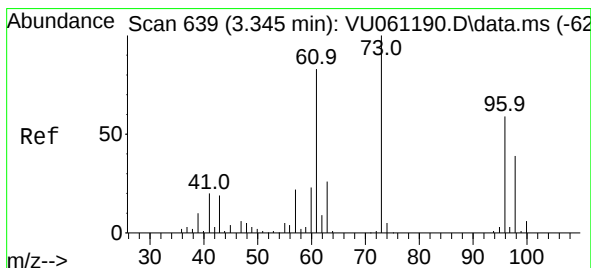
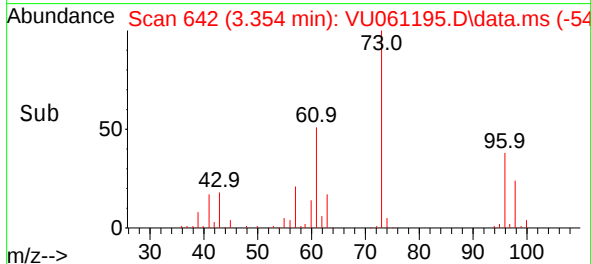
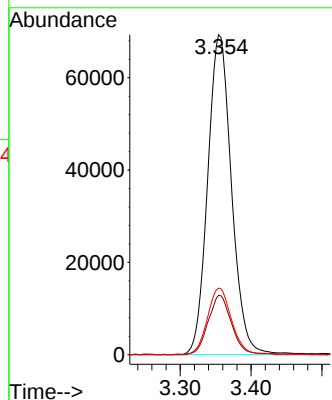
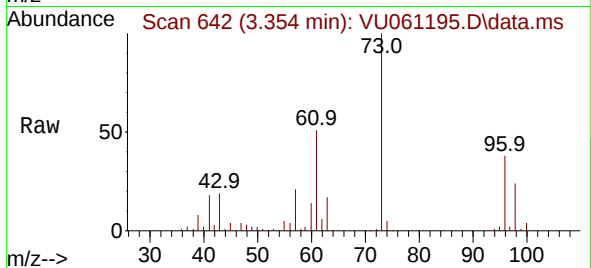




#17
Methyl tert-butyl Ether
Concen: 5.145 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061195.D
Acq: 24 Oct 2024 09:52

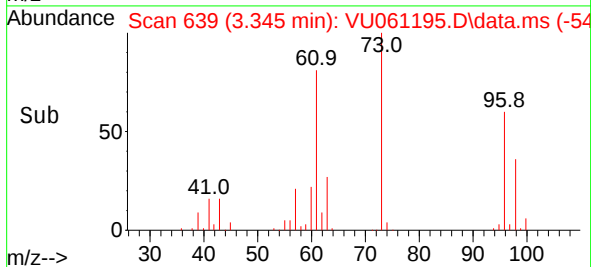
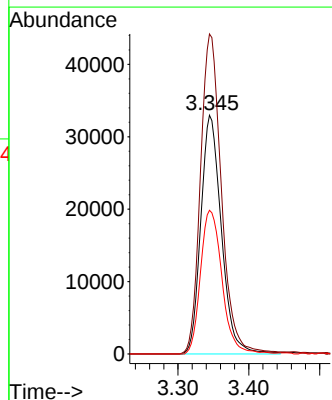
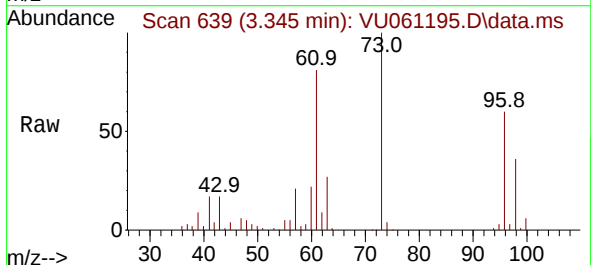
Instrument :
MSVOA_U
ClientSampleId :

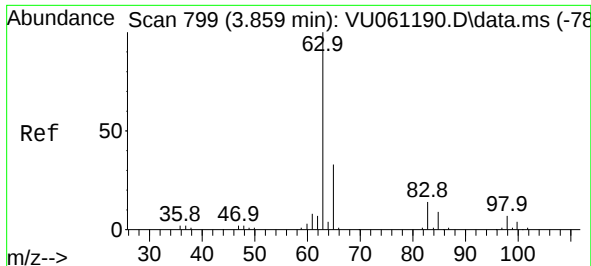
Tgt Ion: 73 Resp: 161719
Ion Ratio Lower Upper
73 100
43 17.8 15.0 22.4
57 20.9 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 5.188 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU061195.D
Acq: 24 Oct 2024 09:52

Tgt Ion: 96 Resp: 66531
Ion Ratio Lower Upper
96 100
61 134.0 97.9 181.7
98 60.2 46.2 85.8

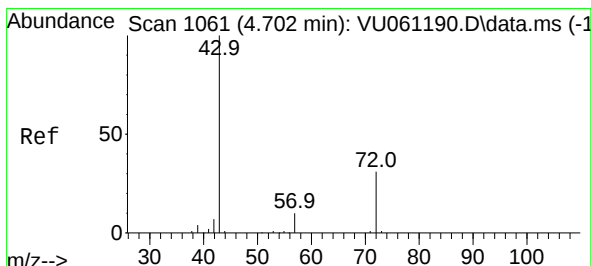
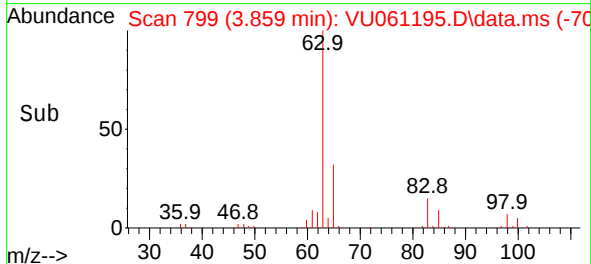
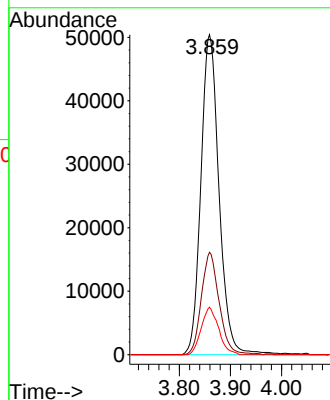
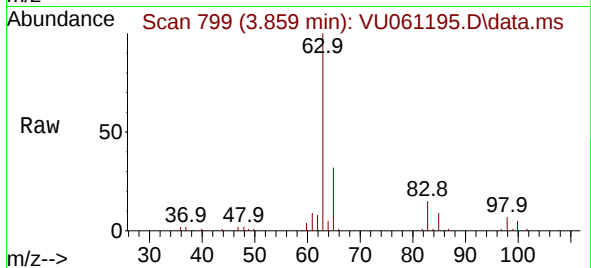




#19
1,1-Dichloroethane
Concen: 5.138 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061195.D
Acq: 24 Oct 2024 09:52

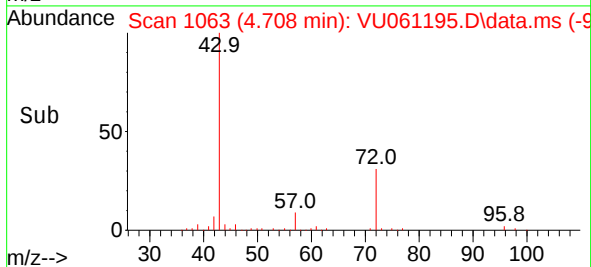
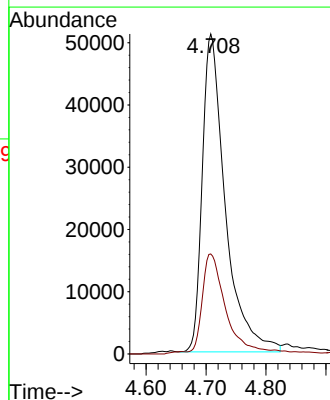
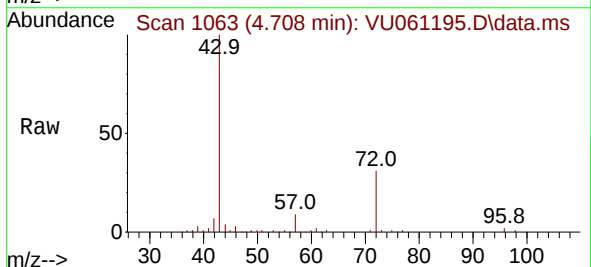
Instrument :
MSVOA_U
ClientSampleId :

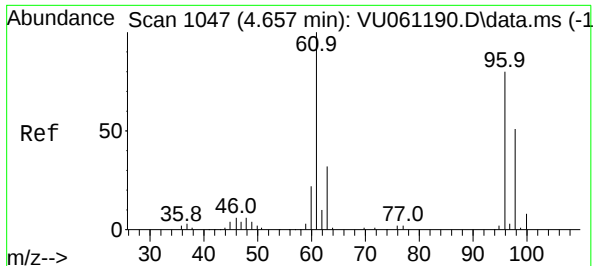
Tgt Ion: 63 Resp: 124281
Ion Ratio Lower Upper
63 100
65 32.0 23.0 42.6
83 14.9 9.7 17.9



#21
2-Butanone
Concen: 50.318 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VU061195.D
Acq: 24 Oct 2024 09:52

Tgt Ion: 43 Resp: 136686
Ion Ratio Lower Upper
43 100
72 30.3 15.9 47.6

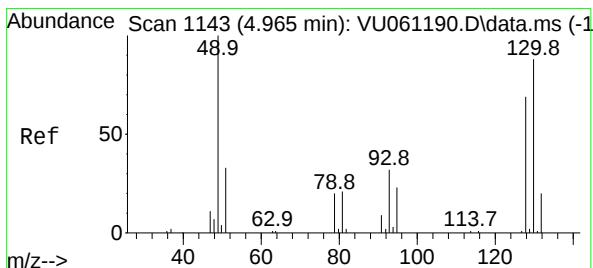
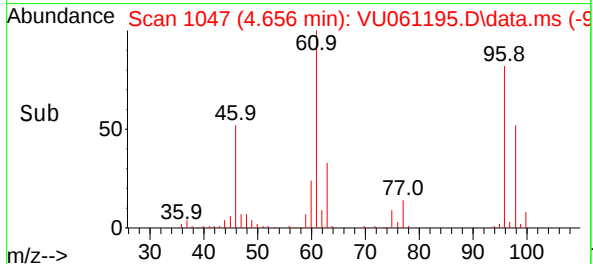
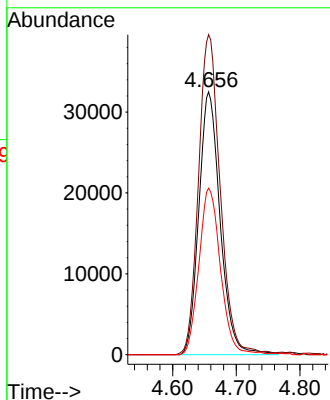
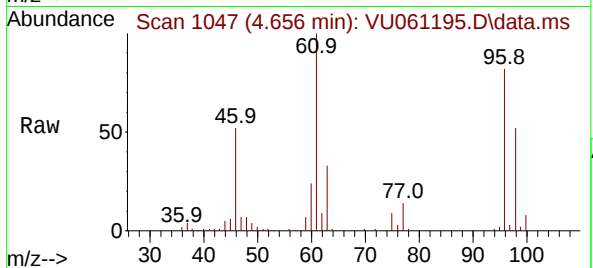




#22
 cis-1,2-Dichloroethene
 Concen: 5.170 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU061195.D
 Acq: 24 Oct 2024 09:52

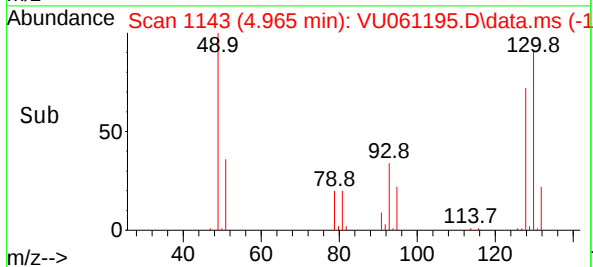
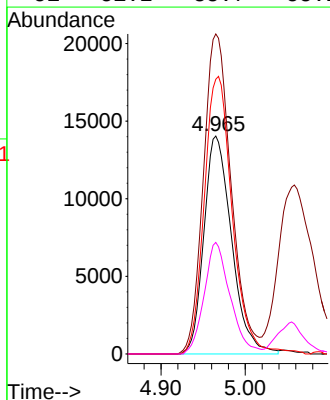
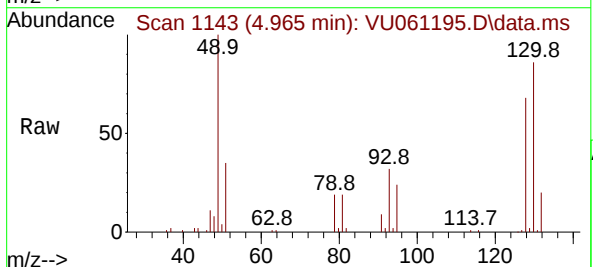
Instrument :
 MSVOA_U
 ClientSampleId :

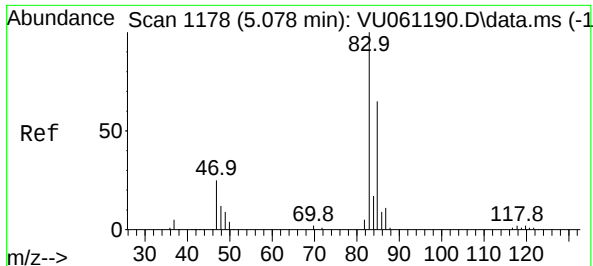
Tgt Ion: 96 Resp: 75728
 Ion Ratio Lower Upper
 96 100
 61 121.8 88.1 163.5
 98 63.4 45.0 83.6



#23
 Bromochloromethane
 Concen: 5.207 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU061195.D
 Acq: 24 Oct 2024 09:52

Tgt Ion: 128 Resp: 32091
 Ion Ratio Lower Upper
 128 100
 49 146.8 105.1 195.1
 130 126.1 89.6 166.4
 51 51.2 38.7 58.1





#25

Chloroform

Concen: 5.058 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU061195.D

Acq: 24 Oct 2024 09:52

Instrument :

MSVOA_U

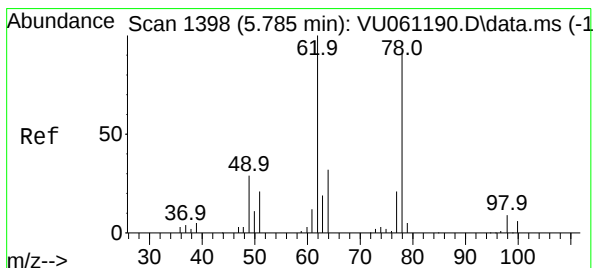
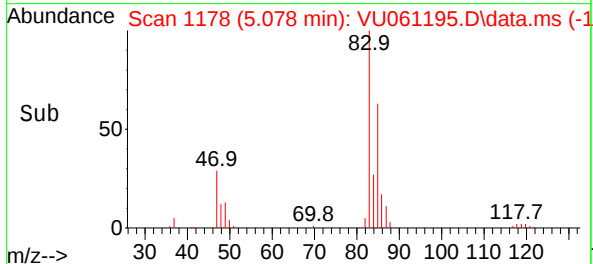
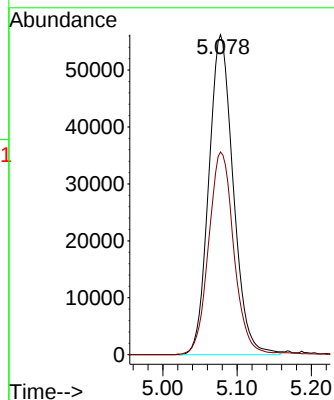
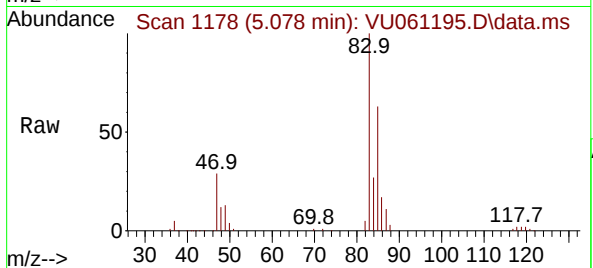
ClientSampleId :

Tgt Ion: 83 Resp: 128615

Ion Ratio Lower Upper

83 100

85 63.3 45.6 84.6



#27

1,2-Dichloroethane

Concen: 5.035 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU061195.D

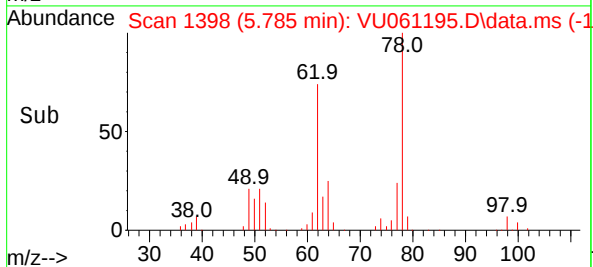
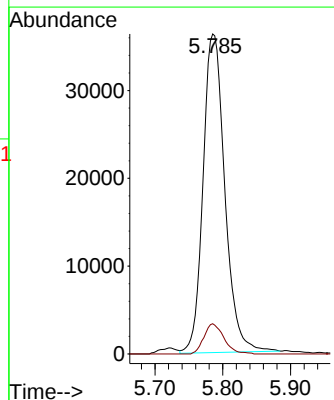
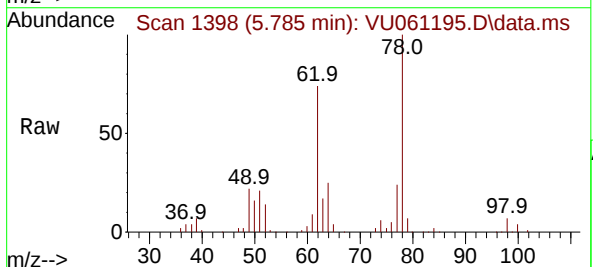
Acq: 24 Oct 2024 09:52

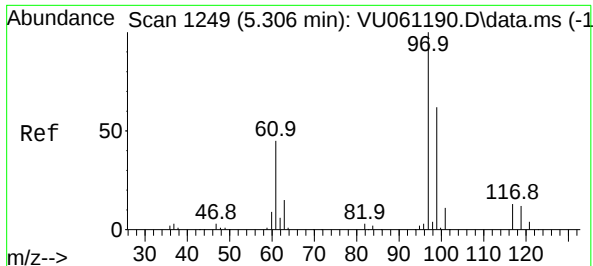
Tgt Ion: 62 Resp: 80916

Ion Ratio Lower Upper

62 100

98 9.4 7.4 11.0

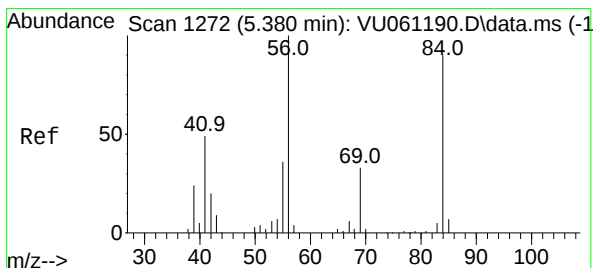
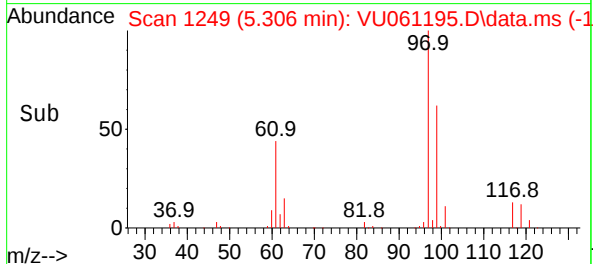
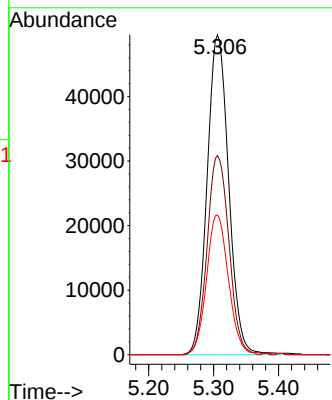
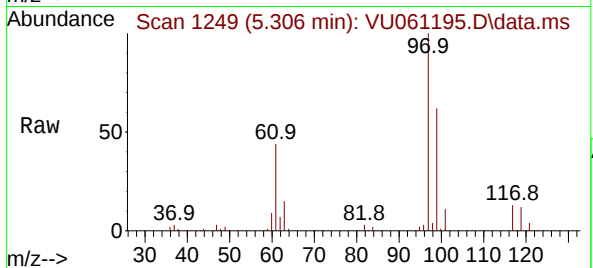




#29
1,1,1-Trichloroethane
Concen: 5.305 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061195.D
Acq: 24 Oct 2024 09:52

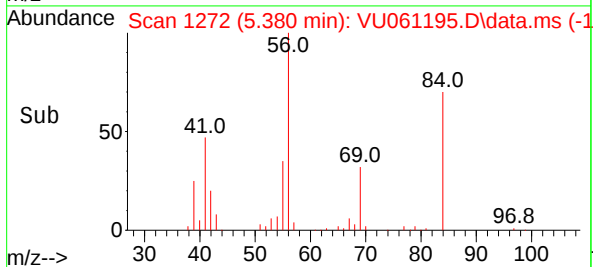
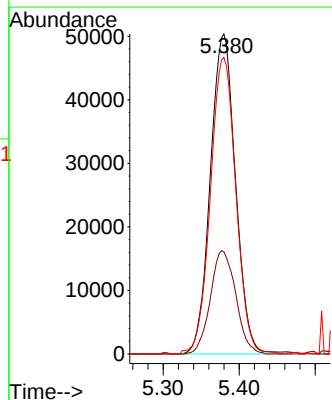
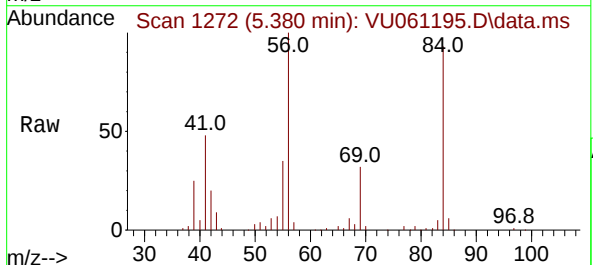
Instrument :
MSVOA_U
ClientSampleId :

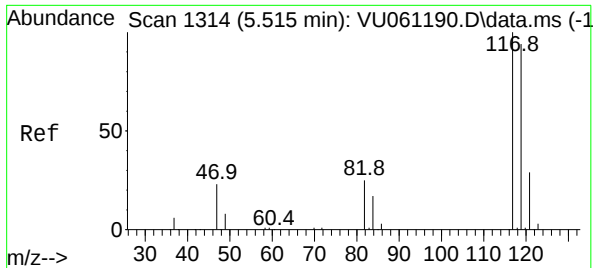
Tgt Ion: 97 Resp: 114470
Ion Ratio Lower Upper
97 100
99 63.1 50.8 76.2
61 44.2 36.1 54.1



#30
Cyclohexane
Concen: 5.339 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU061195.D
Acq: 24 Oct 2024 09:52

Tgt Ion: 56 Resp: 115551
Ion Ratio Lower Upper
56 100
69 32.6 25.8 38.6
84 93.7 73.9 110.9

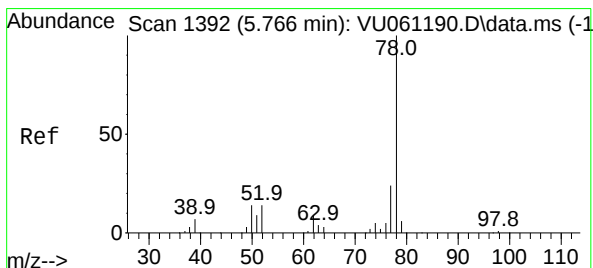
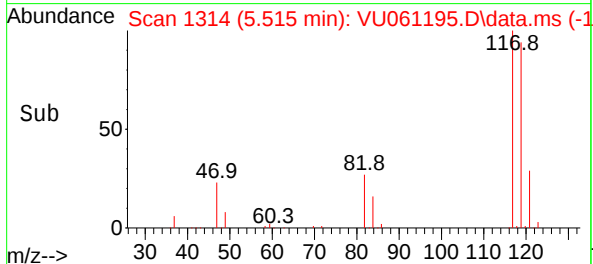
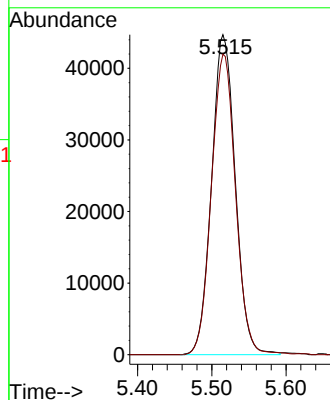
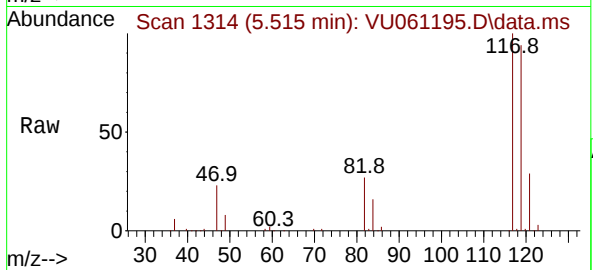




#31
Carbon tetrachloride
Concen: 5.370 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061195.D
Acq: 24 Oct 2024 09:52

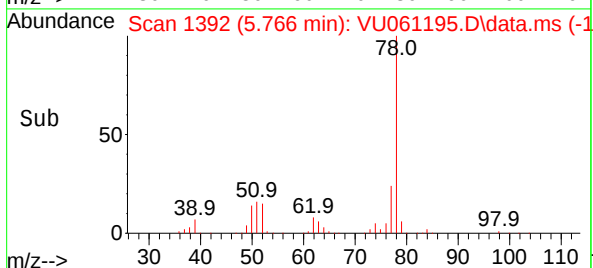
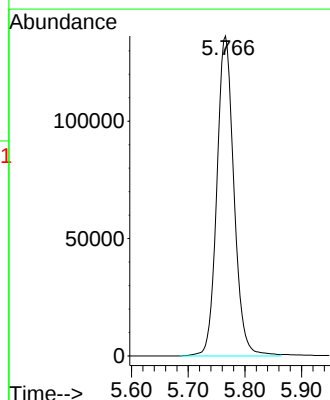
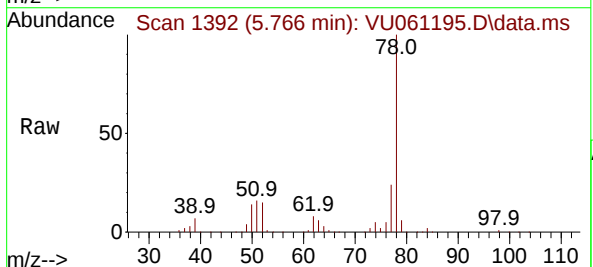
Instrument :
MSVOA_U
ClientSampleId :

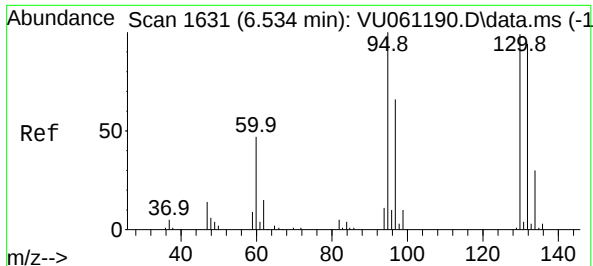
Tgt Ion:117 Resp: 99151
Ion Ratio Lower Upper
117 100
119 95.7 75.5 113.3



#33
Benzene
Concen: 5.237 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061195.D
Acq: 24 Oct 2024 09:52

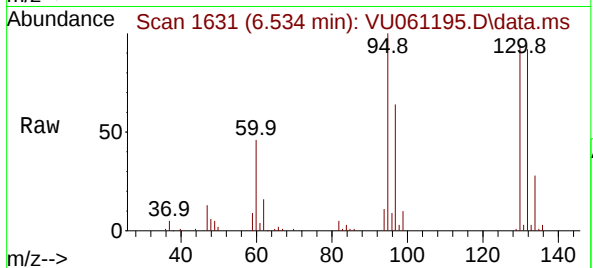
Tgt Ion: 78 Resp: 285415





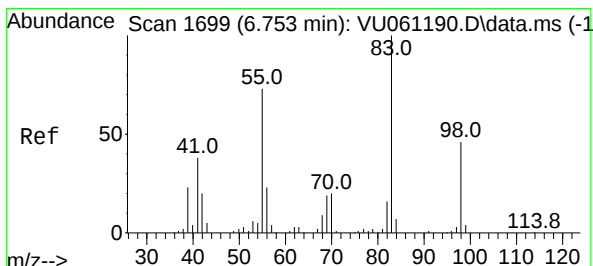
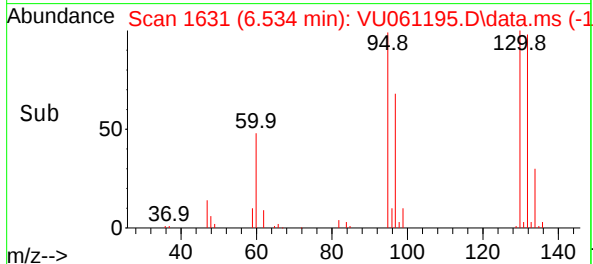
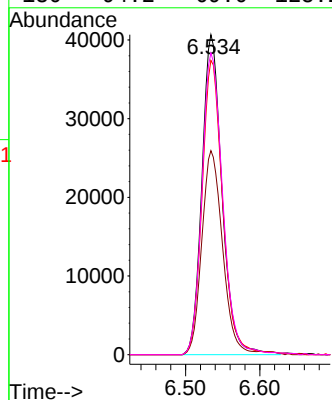
#34
Trichloroethene
Concen: 5.170 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU061195.D
Acq: 24 Oct 2024 09:52

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 76645

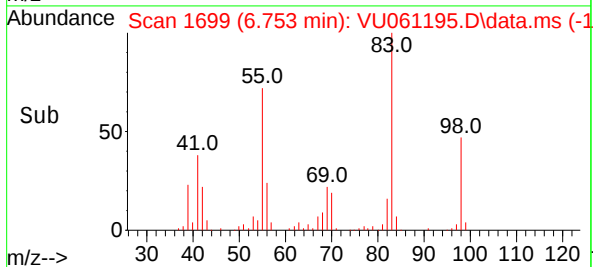
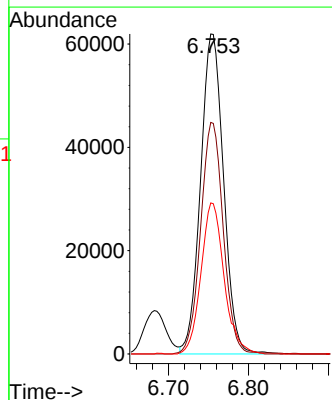
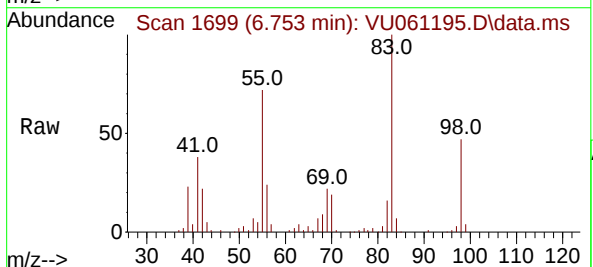
Ion	Ratio	Lower	Upper
95	100		
97	63.8	46.1	85.7
132	92.0	66.1	122.7
130	94.2	69.0	128.2

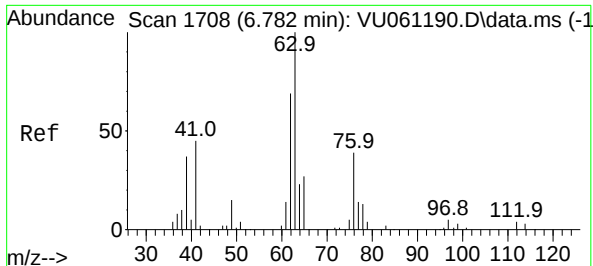


#35
Methylcyclohexane
Concen: 5.256 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU061195.D
Acq: 24 Oct 2024 09:52

Tgt Ion: 83 Resp: 124018

Ion	Ratio	Lower	Upper
83	100		
55	71.1	55.9	83.9
98	47.5	35.9	53.9

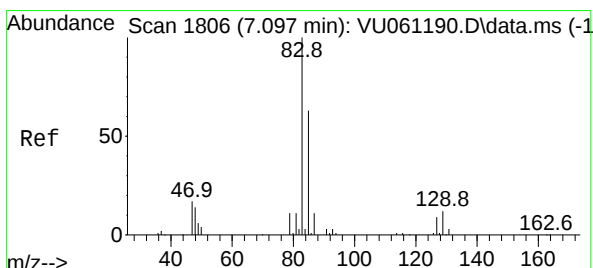
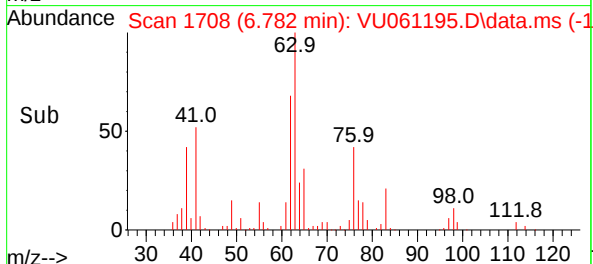
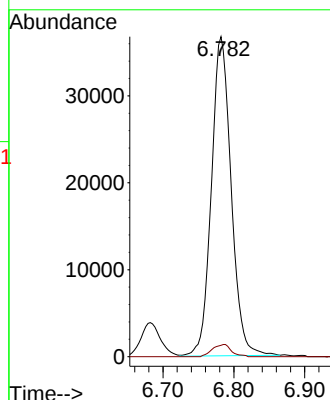
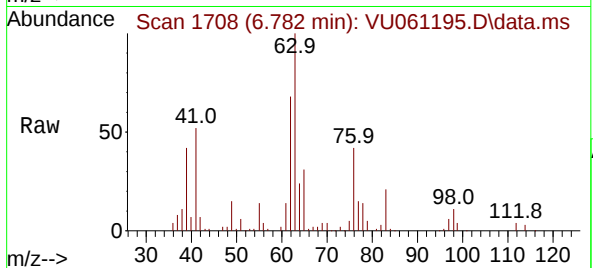




#37
1,2-Dichloropropane
Concen: 5.157 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU061195.D
Acq: 24 Oct 2024 09:52

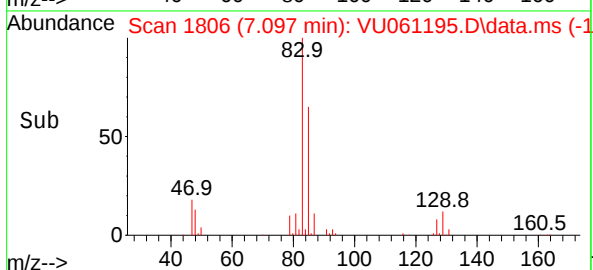
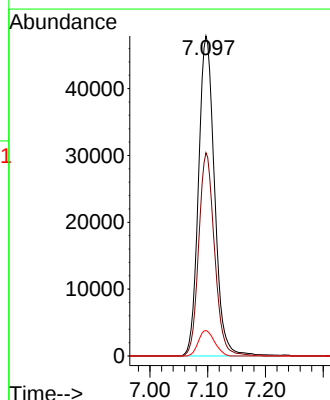
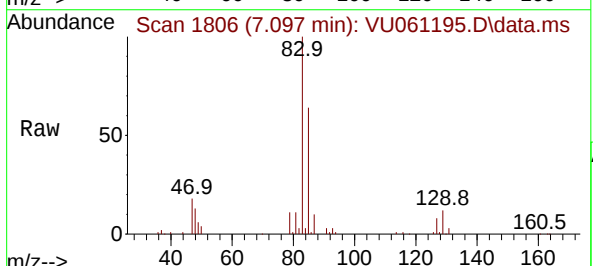
Instrument :
MSVOA_U
ClientSampleId :

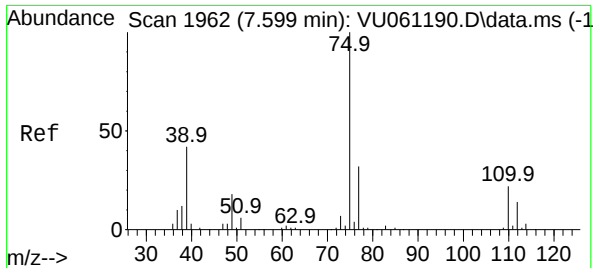
Tgt Ion: 63 Resp: 71227
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.4



#38
Bromodichloromethane
Concen: 5.285 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061195.D
Acq: 24 Oct 2024 09:52

Tgt Ion: 83 Resp: 92386
Ion Ratio Lower Upper
83 100
85 63.5 43.8 81.4
127 8.0 7.4 11.0

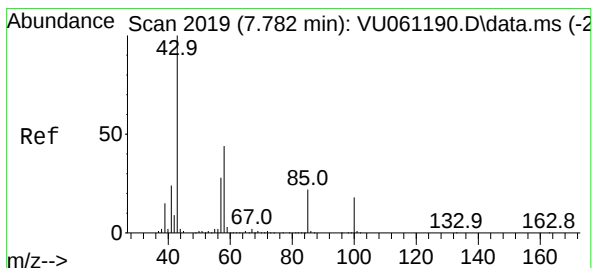
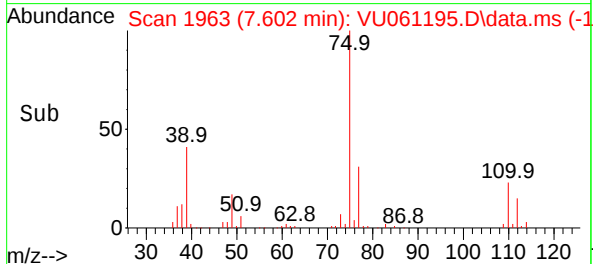
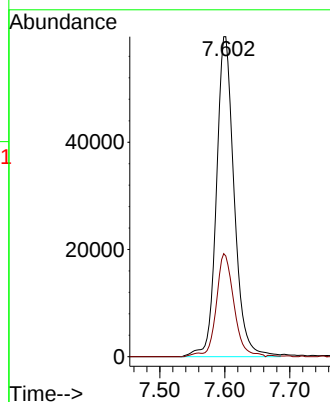
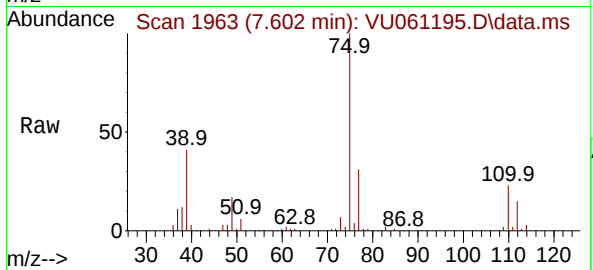




#39
 cis-1,3-Dichloropropene
 Concen: 5.298 ug/L
 RT: 7.602 min Scan# 1962
 Delta R.T. 0.003 min
 Lab File: VU061195.D
 Acq: 24 Oct 2024 09:52

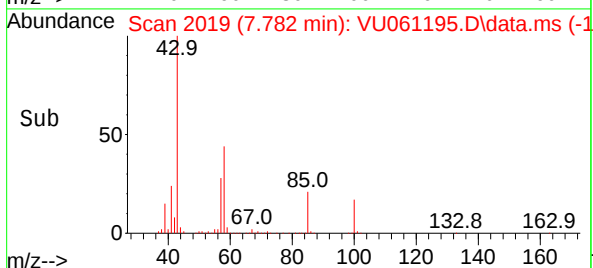
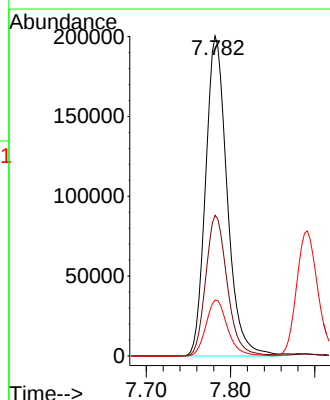
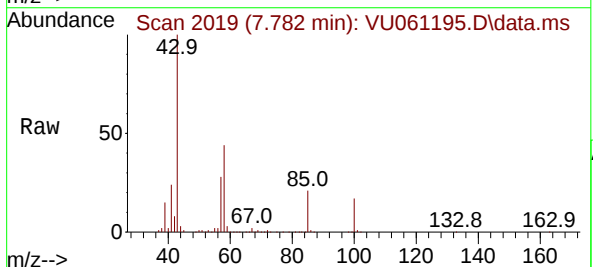
Instrument :
 MSVOA_U
 ClientSampleId :

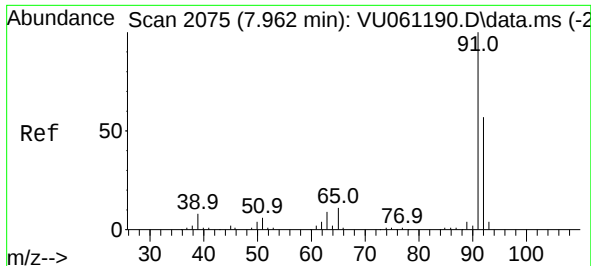
Tgt Ion: 75 Resp: 113020
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 51.862 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU061195.D
 Acq: 24 Oct 2024 09:52

Tgt Ion: 43 Resp: 356539
 Ion Ratio Lower Upper
 43 100
 58 44.0 35.1 52.7
 100 17.5 14.0 21.0





#42

Toluene

Concen: 5.220 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061195.D

Acq: 24 Oct 2024 09:52

Instrument :

MSVOA_U

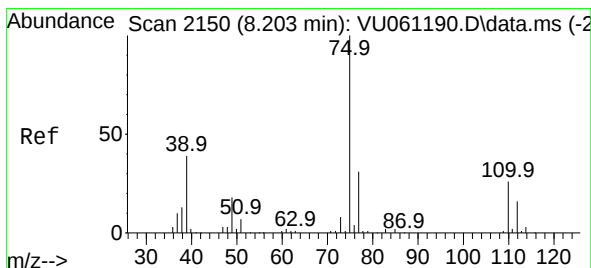
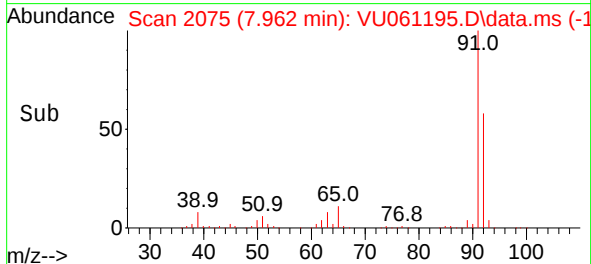
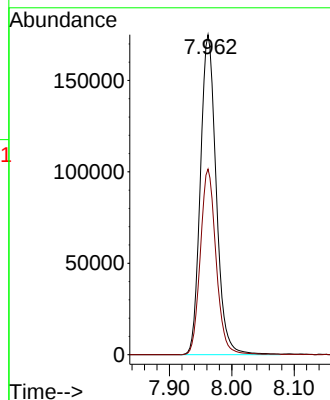
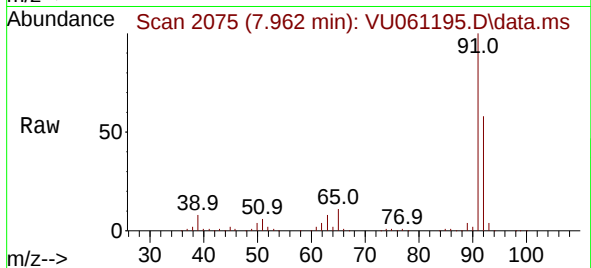
ClientSampleId :

Tgt Ion: 91 Resp: 308899

Ion Ratio Lower Upper

91 100

92 58.0 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 5.183 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU061195.D

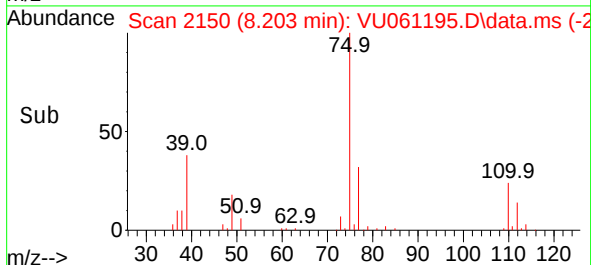
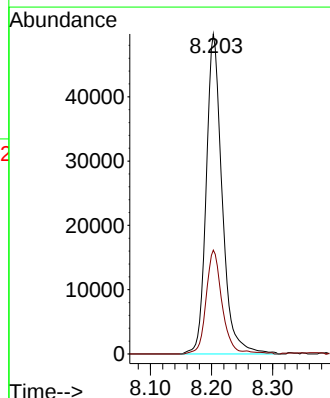
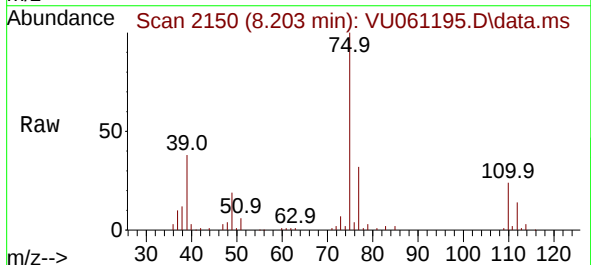
Acq: 24 Oct 2024 09:52

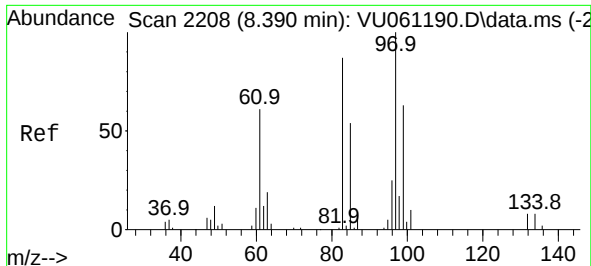
Tgt Ion: 75 Resp: 90091

Ion Ratio Lower Upper

75 100

77 32.4 22.0 40.8

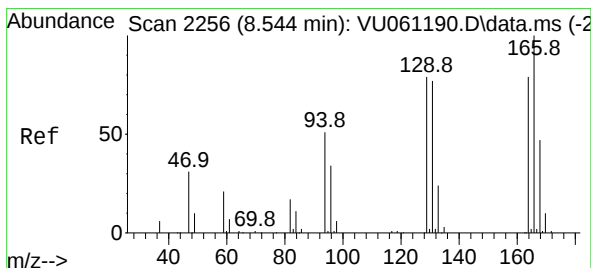
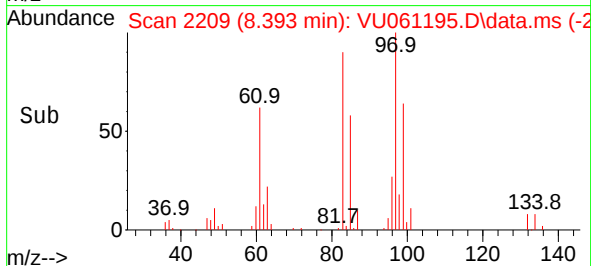
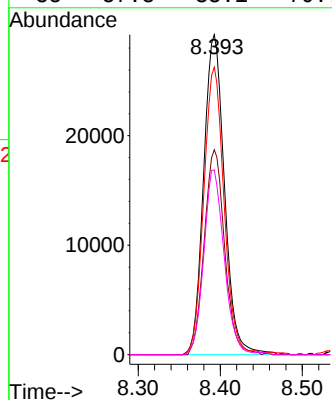
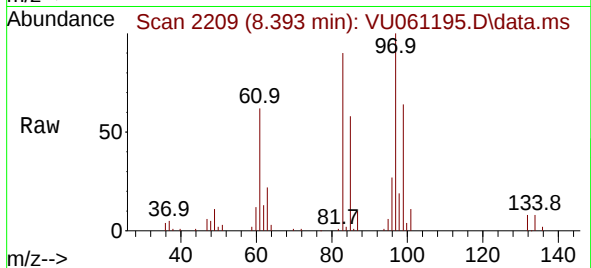




#45
1,1,2-Trichloroethane
Concen: 5.190 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU061195.D
Acq: 24 Oct 2024 09:52

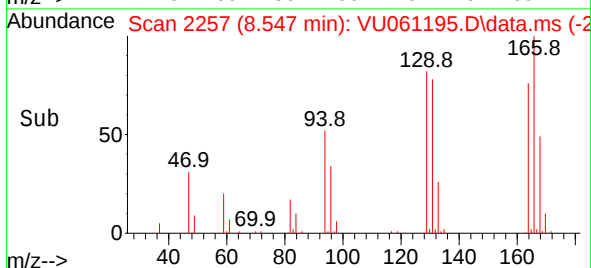
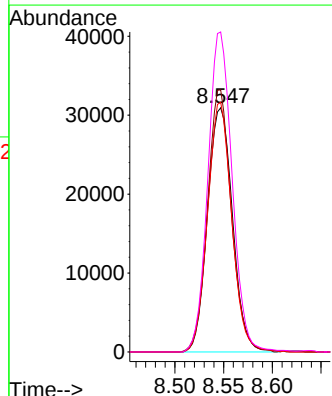
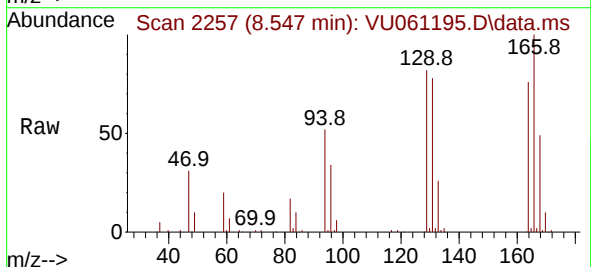
Instrument :
MSVOA_U
ClientSampleId :

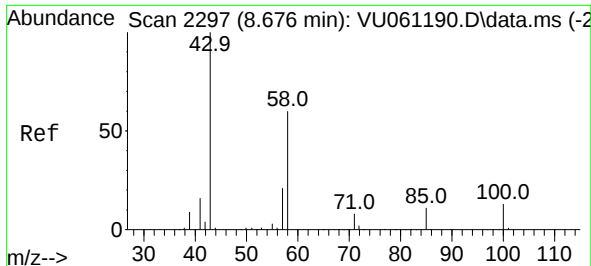
Tgt Ion: 97	Resp: 51595
Ion Ratio	Lower Upper
97 100	
99 64.0	44.1 81.9
83 89.9	61.2 113.6
85 57.8	38.1 70.7



#47
Tetrachloroethene
Concen: 5.337 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU061195.D
Acq: 24 Oct 2024 09:52

Tgt Ion: 164	Resp: 55259
Ion Ratio	Lower Upper
164 100	
129 107.3	69.9 129.7
131 102.3	68.3 126.8
166 131.0	88.8 165.0





#48

2-Hexanone

Concen: 52.216 ug/L

RT: 8.679 min Scan# 2297

Delta R.T. 0.003 min

Lab File: VU061195.D

Acq: 24 Oct 2024 09:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 253845

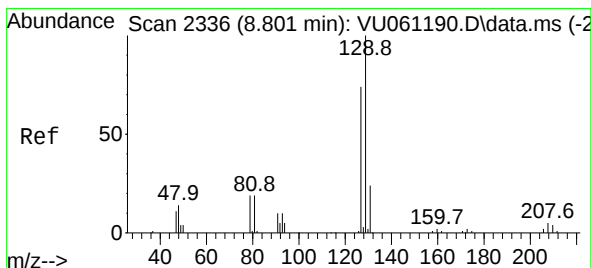
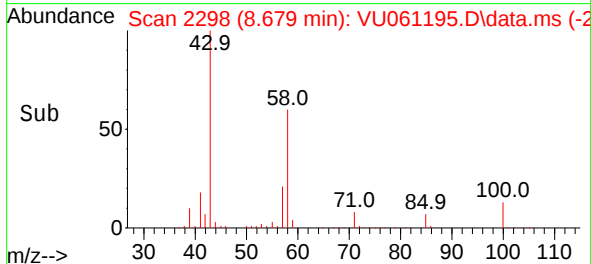
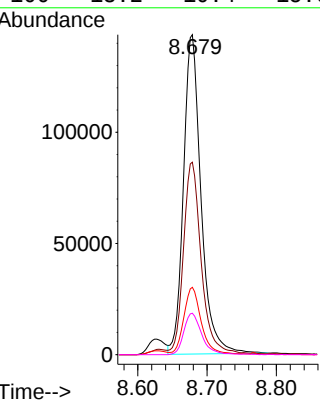
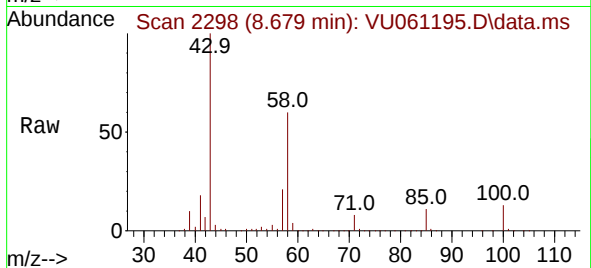
Ion Ratio Lower Upper

43 100

58 60.7 48.6 72.8

57 20.7 17.0 25.6

100 13.2 10.4 15.6



#49

Dibromochloromethane

Concen: 5.243 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU061195.D

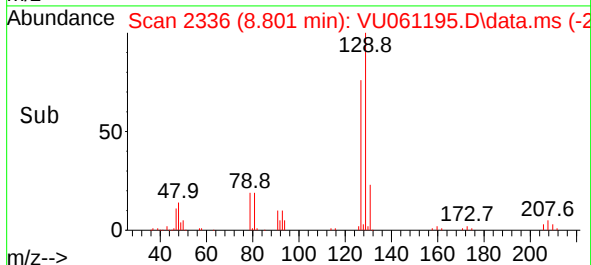
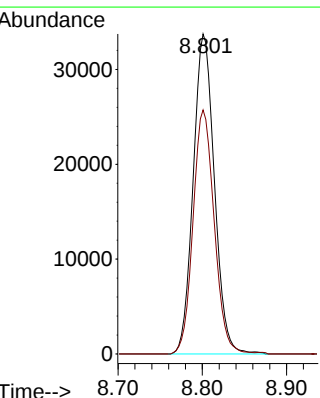
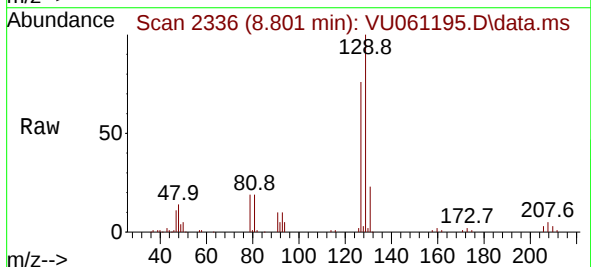
Acq: 24 Oct 2024 09:52

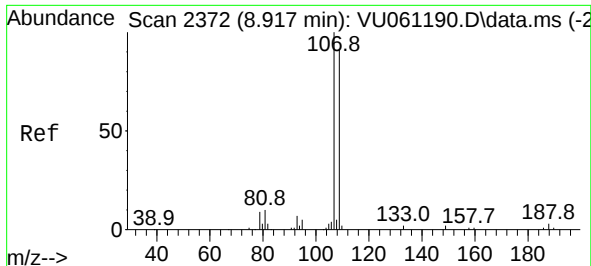
Tgt Ion: 129 Resp: 59109

Ion Ratio Lower Upper

129 100

127 76.3 51.8 96.2





#50

1,2-Dibromoethane

Concen: 5.126 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

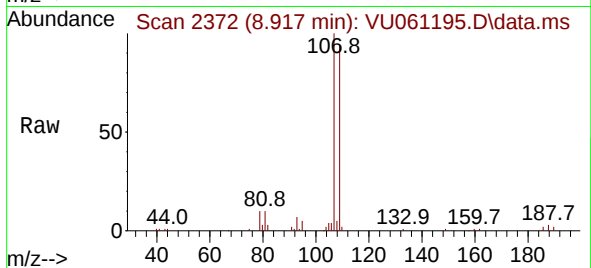
Lab File: VU061195.D

Acq: 24 Oct 2024 09:52

Instrument :

MSVOA_U

ClientSampleId :



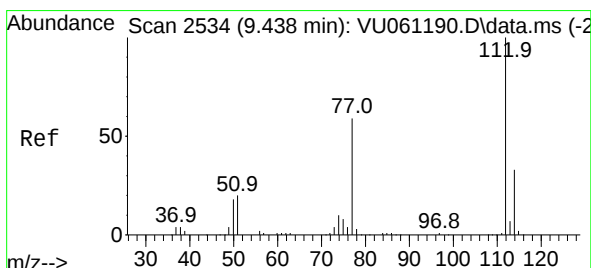
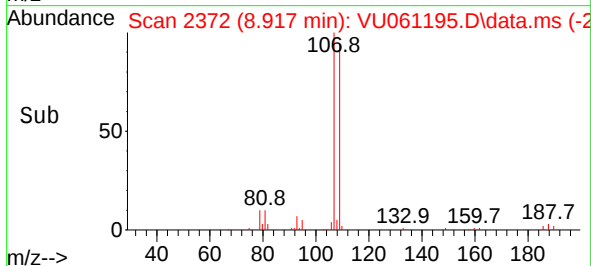
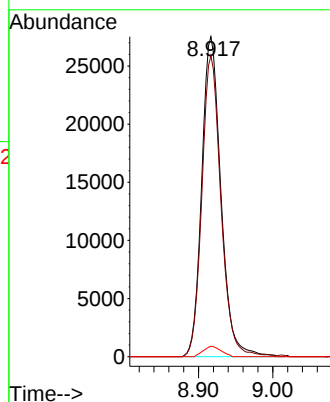
Tgt Ion:107 Resp: 49505

Ion Ratio Lower Upper

107 100

109 94.1 63.4 117.8

188 3.2 2.6 3.8



#51

Chlorobenzene

Concen: 5.226 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU061195.D

Acq: 24 Oct 2024 09:52

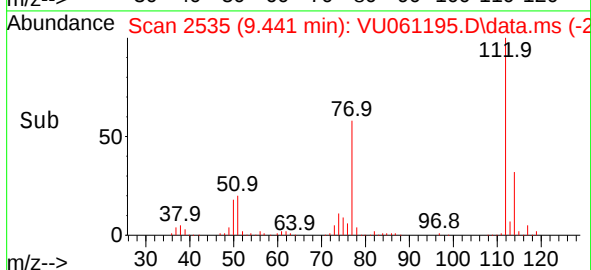
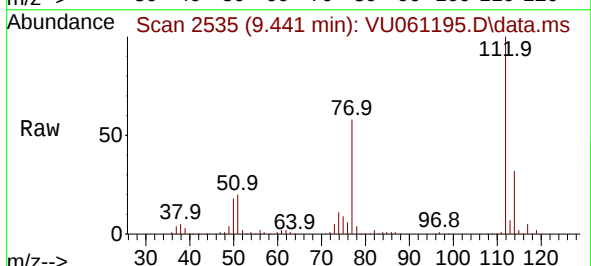
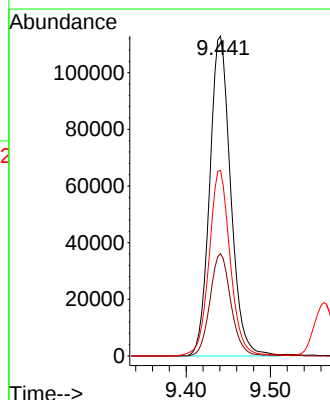
Tgt Ion:112 Resp: 195480

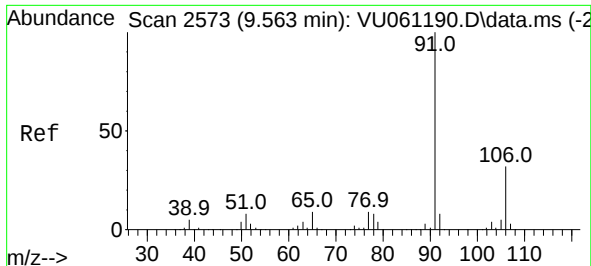
Ion Ratio Lower Upper

112 100

114 31.9 22.9 42.5

77 58.0 47.1 70.7

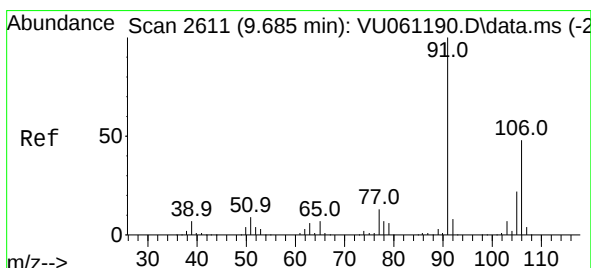
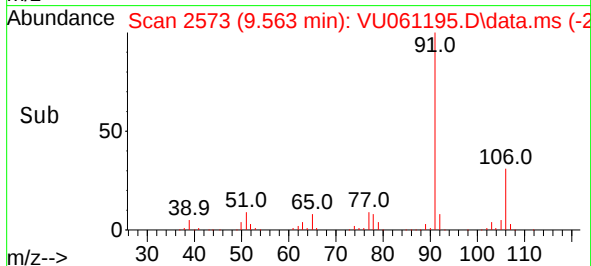
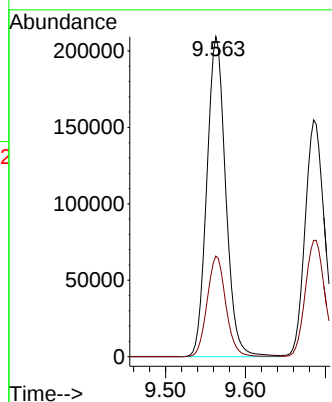
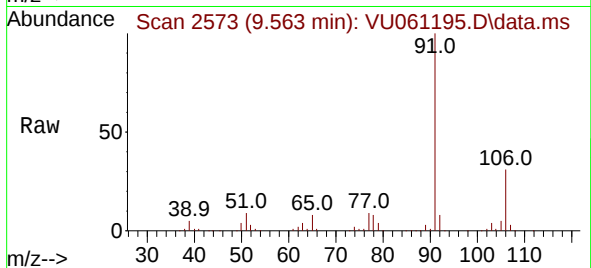




#52
Ethylbenzene
Concen: 5.267 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU061195.D
Acq: 24 Oct 2024 09:52

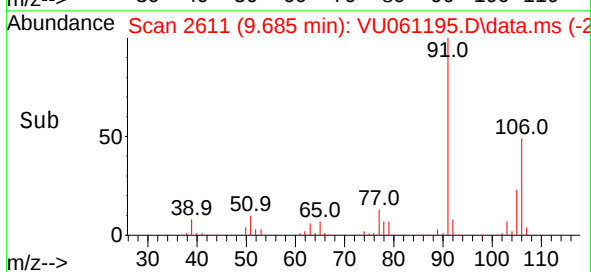
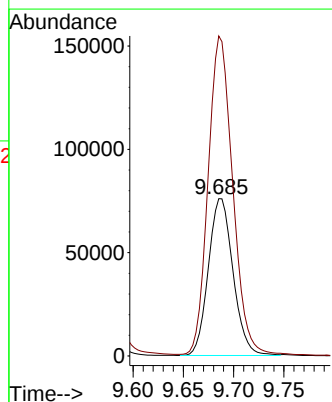
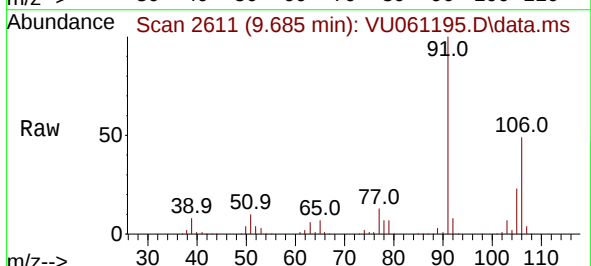
Instrument :
MSVOA_U
ClientSampleId :

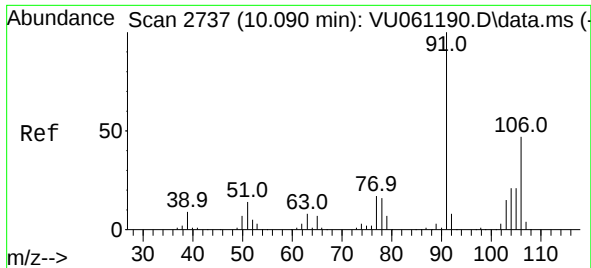
Tgt Ion: 91 Resp: 342867
Ion Ratio Lower Upper
91 100
106 31.4 22.0 41.0



#53
m,p-Xylene
Concen: 5.231 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU061195.D
Acq: 24 Oct 2024 09:52

Tgt Ion:106 Resp: 129726
Ion Ratio Lower Upper
106 100
91 203.5 145.7 270.7

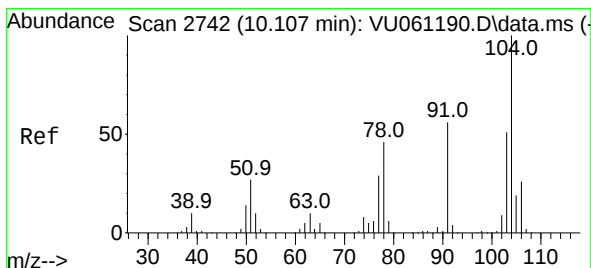
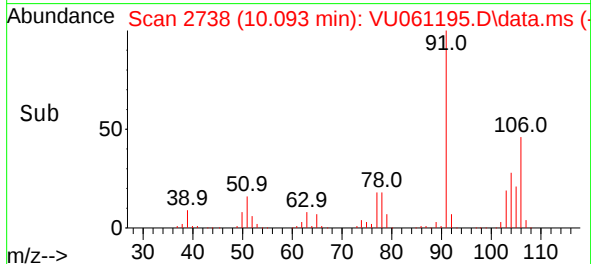
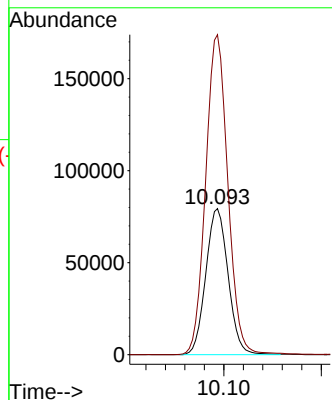
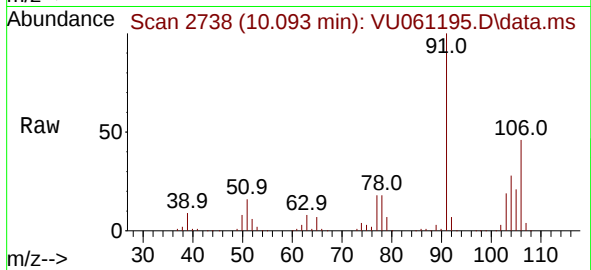




#54
o-Xylene
Concen: 5.168 ug/L
RT: 10.093 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU061195.D
Acq: 24 Oct 2024 09:52

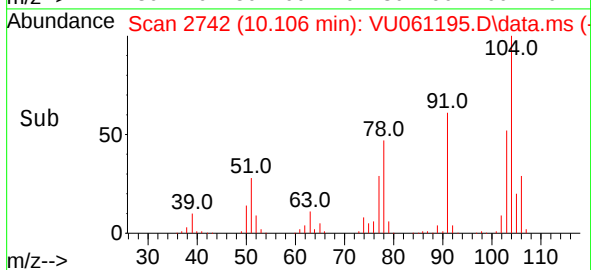
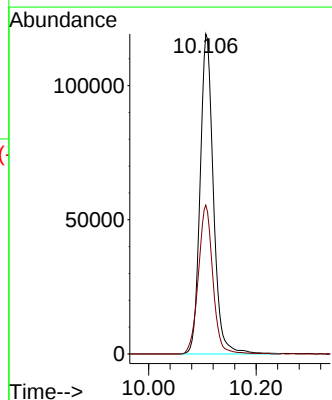
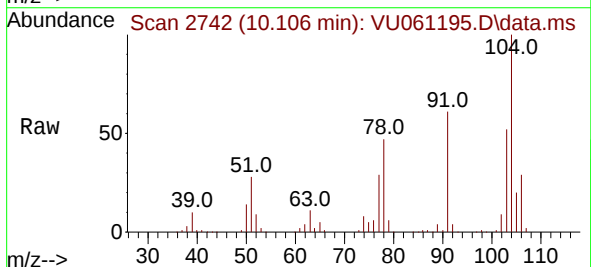
Instrument :
MSVOA_U
ClientSampleId :

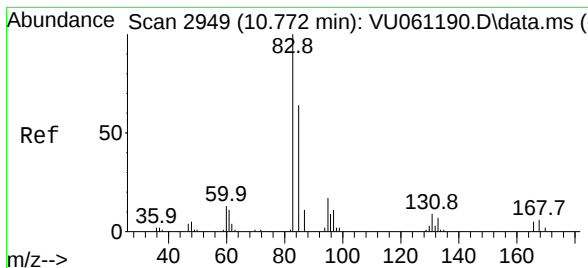
Tgt Ion:106 Resp: 126490
Ion Ratio Lower Upper
106 100
91 219.0 148.8 276.4



#55
Styrene
Concen: 5.218 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU061195.D
Acq: 24 Oct 2024 09:52

Tgt Ion:104 Resp: 204741
Ion Ratio Lower Upper
104 100
78 46.5 32.3 59.9

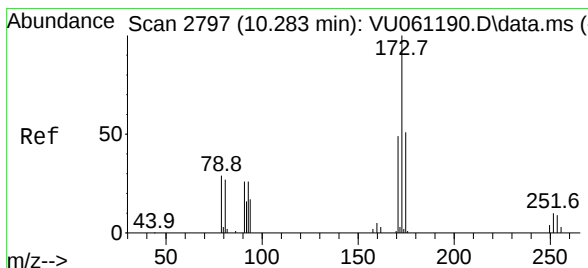
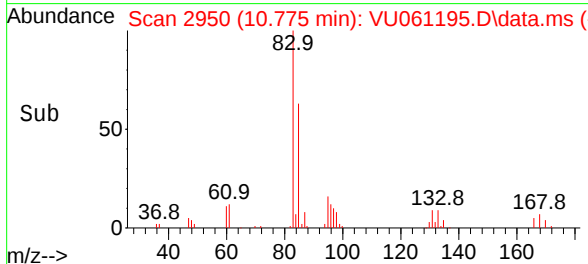
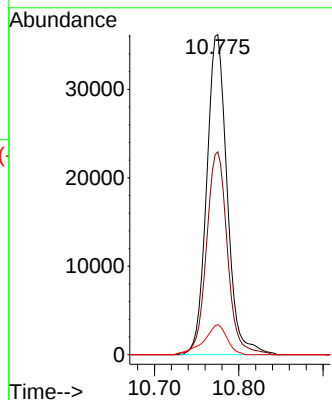
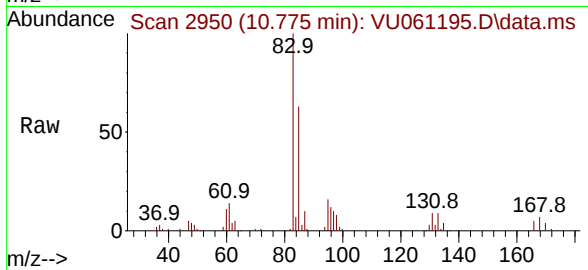




#57
1,1,2,2-Tetrachloroethane
Concen: 5.107 ug/L
RT: 10.775 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU061195.D
Acq: 24 Oct 2024 09:52

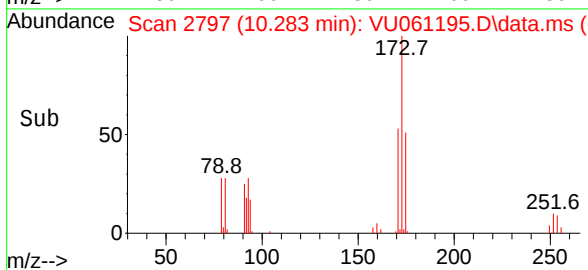
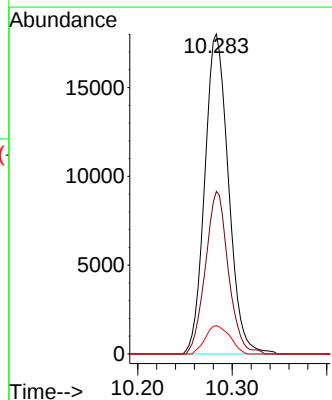
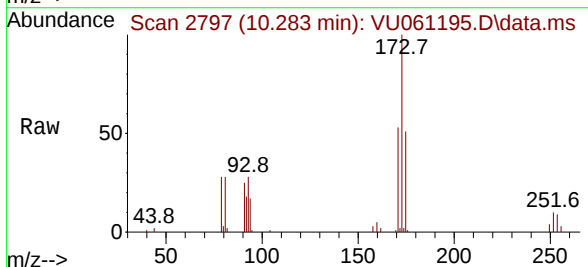
Instrument :
MSVOA_U
ClientSampleId :

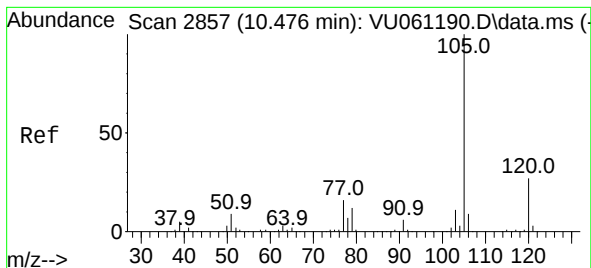
Tgt Ion: 83 Resp: 61171
Ion Ratio Lower Upper
83 100
85 63.4 45.3 84.1
131 9.4 7.6 11.4



#59
Bromoform
Concen: 5.109 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VU061195.D
Acq: 24 Oct 2024 09:52

Tgt Ion:173 Resp: 31378
Ion Ratio Lower Upper
173 100
175 49.2 39.0 58.4
254 9.1 6.8 10.2





#60

Isopropylbenzene

Concen: 5.382 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061195.D

Acq: 24 Oct 2024 09:52

Instrument :

MSVOA_U

ClientSampleId :

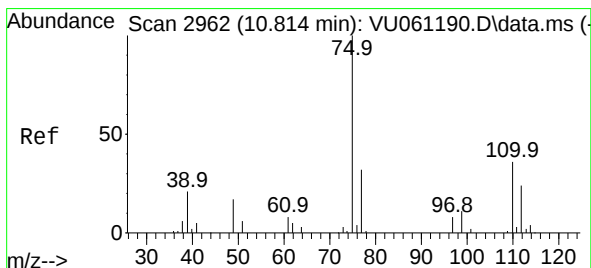
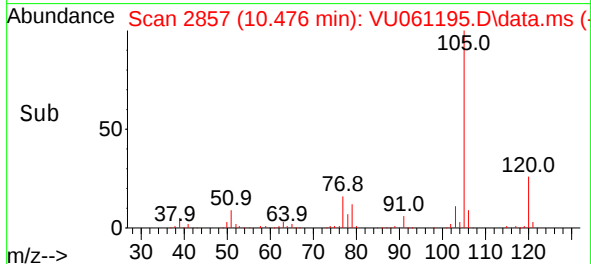
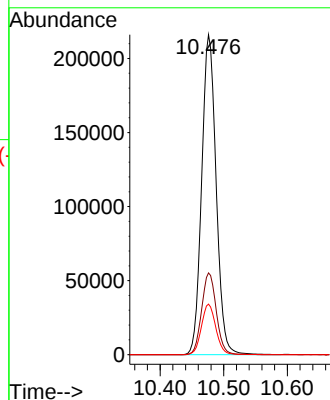
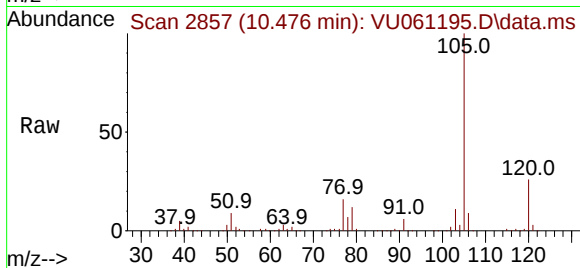
Tgt Ion:105 Resp: 341116

Ion Ratio Lower Upper

105 100

120 25.9 21.2 31.8

77 15.7 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.064 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU061195.D

Acq: 24 Oct 2024 09:52

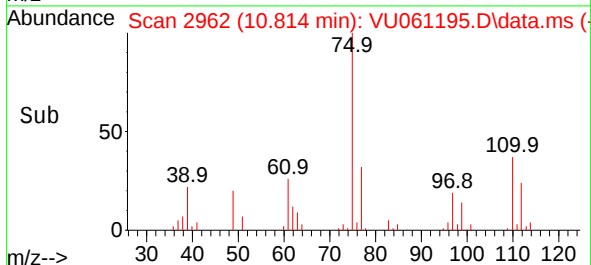
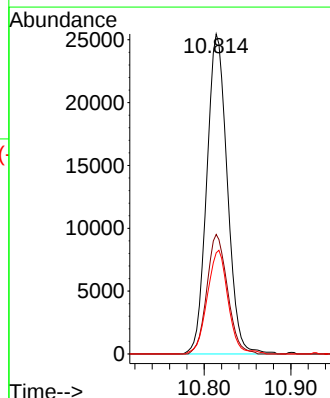
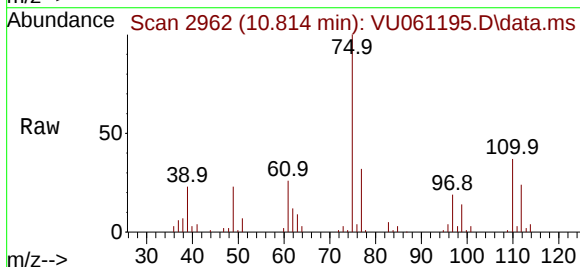
Tgt Ion: 75 Resp: 41857

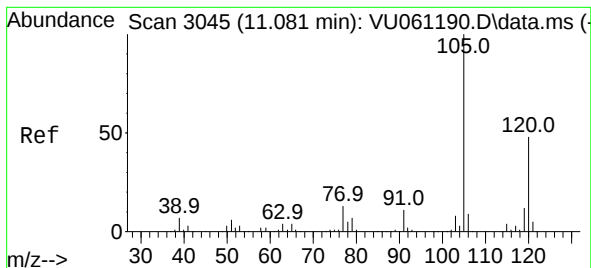
Ion Ratio Lower Upper

75 100

110 37.6 28.8 43.2

77 33.0 25.7 38.5





#62

1,3,5-Trimethylbenzene

Concen: 5.366 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU061195.D

Acq: 24 Oct 2024 09:52

Instrument :

MSVOA_U

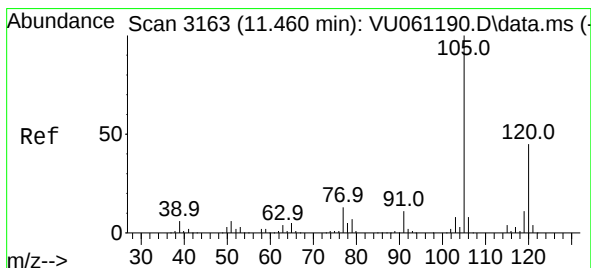
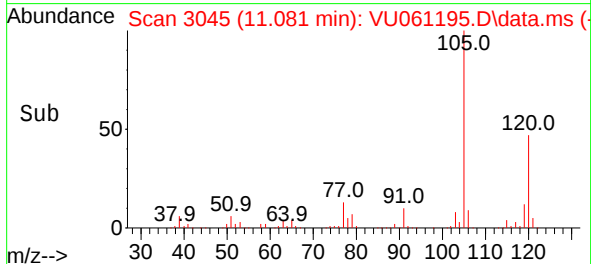
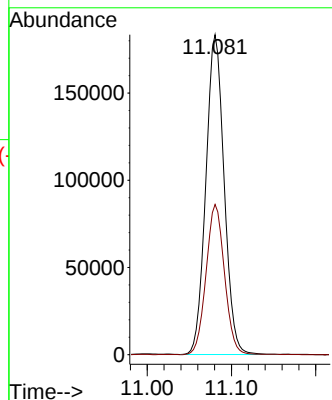
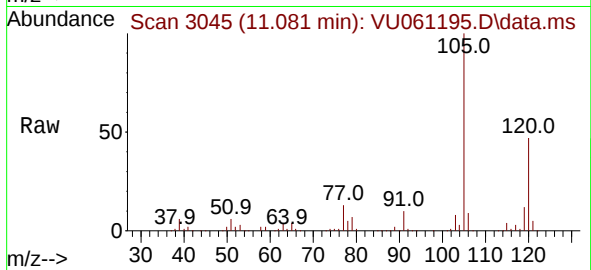
ClientSampleId :

Tgt Ion:105 Resp: 276882

Ion Ratio Lower Upper

105 100

120 47.5 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 5.337 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU061195.D

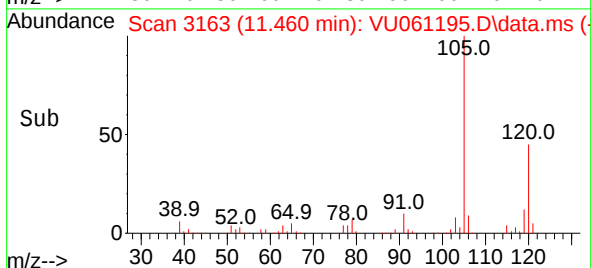
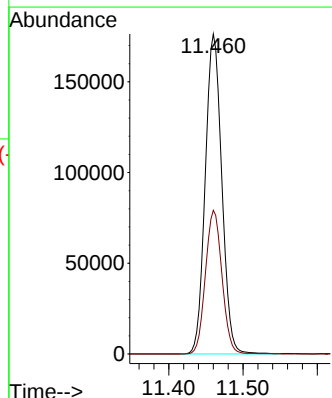
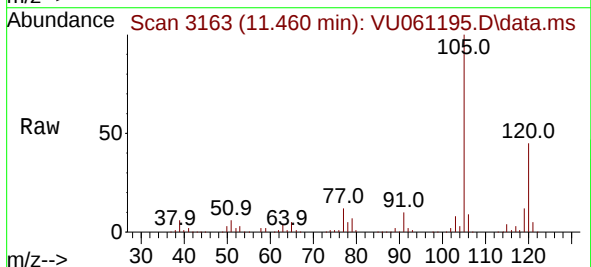
Acq: 24 Oct 2024 09:52

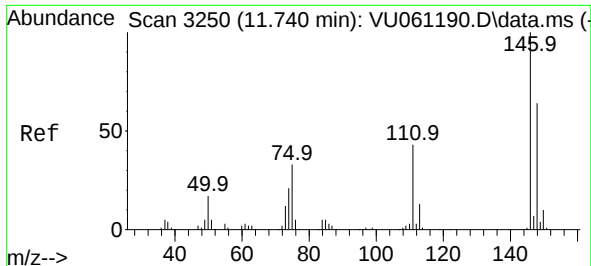
Tgt Ion:105 Resp: 272201

Ion Ratio Lower Upper

105 100

120 44.9 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.271 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

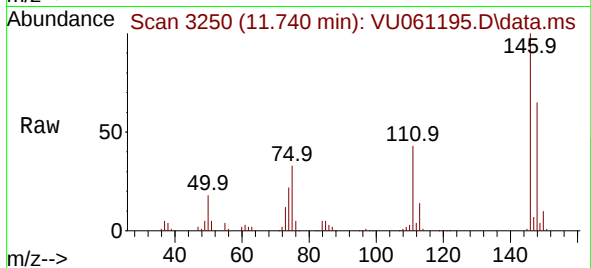
Lab File: VU061195.D

Acq: 24 Oct 2024 09:52

Instrument :

MSVOA_U

ClientSampleId :



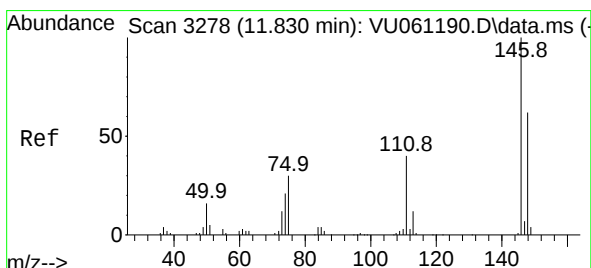
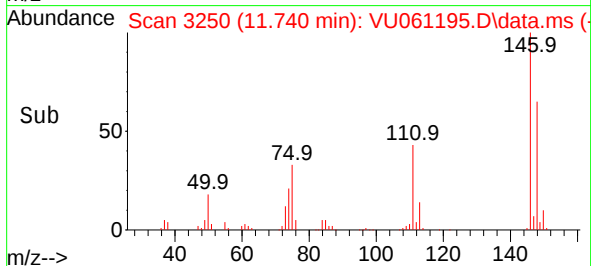
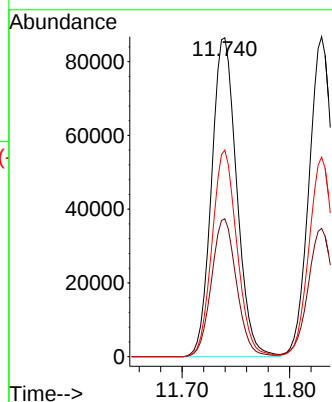
Tgt Ion:146 Resp: 140614

Ion Ratio Lower Upper

146 100

111 43.2 30.0 55.8

148 64.8 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 5.171 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU061195.D

Acq: 24 Oct 2024 09:52

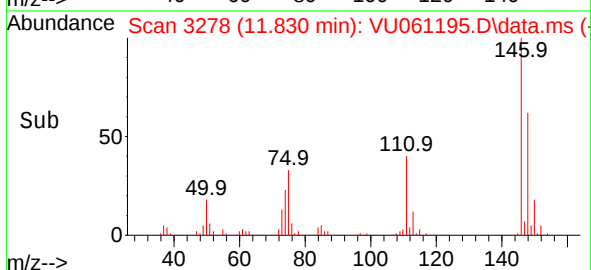
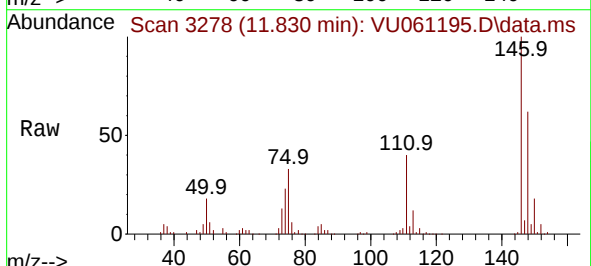
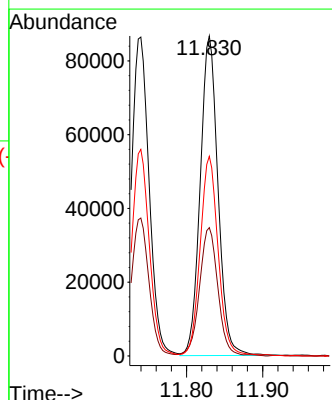
Tgt Ion:146 Resp: 140619

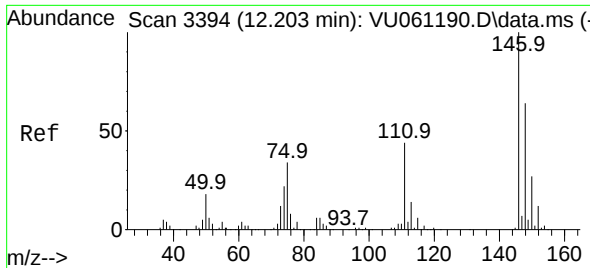
Ion Ratio Lower Upper

146 100

111 40.1 28.2 52.4

148 62.4 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 5.161 ug/L

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU061195.D

Acq: 24 Oct 2024 09:52

Instrument :

MSVOA_U

ClientSampleId :

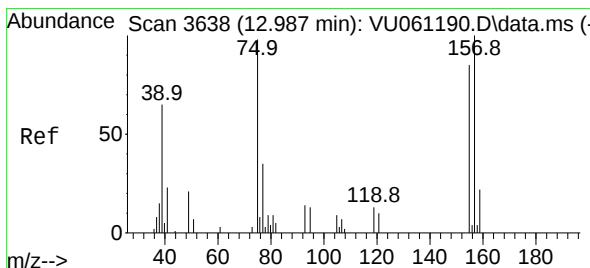
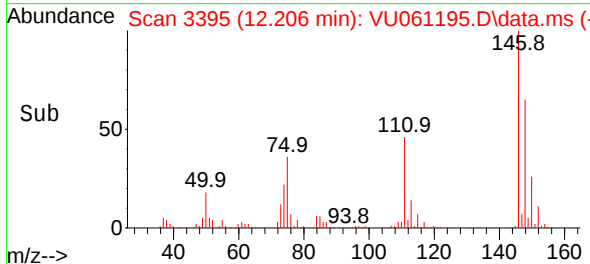
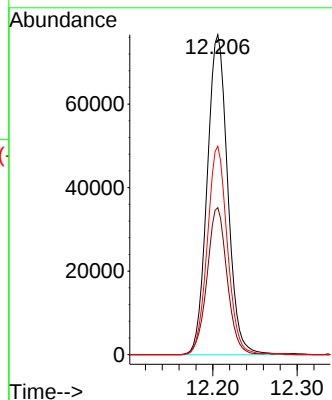
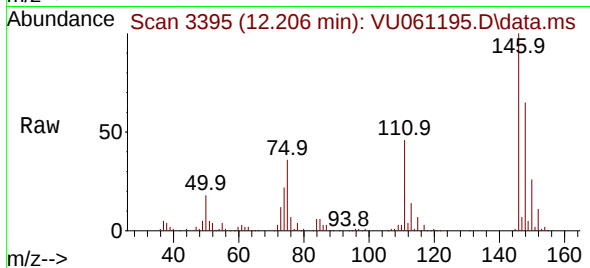
Tgt Ion:146 Resp: 129563

Ion Ratio Lower Upper

146 100

111 46.0 35.2 52.8

148 65.2 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.065 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU061195.D

Acq: 24 Oct 2024 09:52

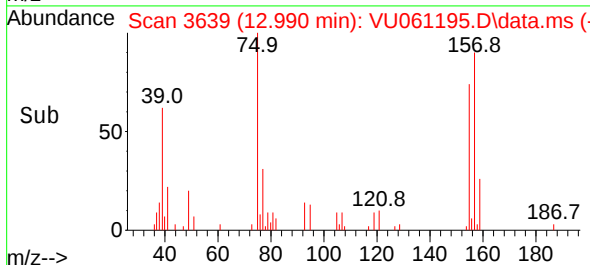
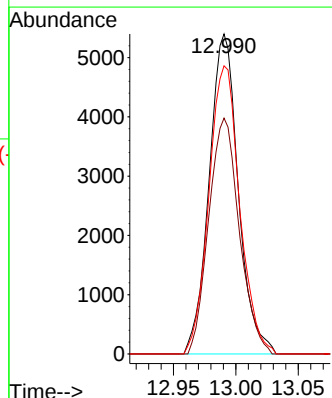
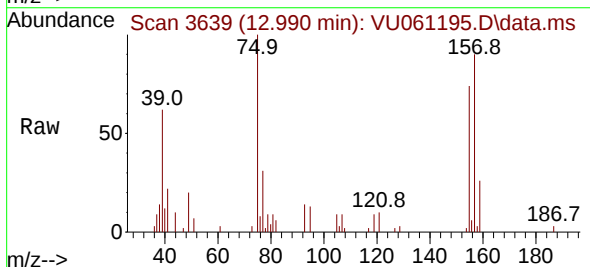
Tgt Ion: 75 Resp: 8790

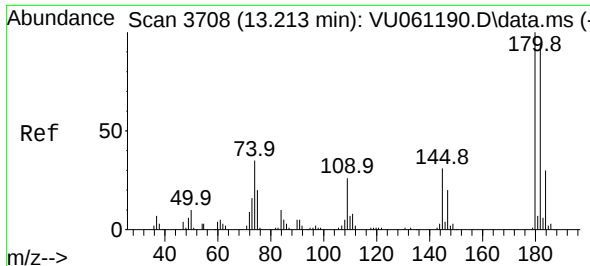
Ion Ratio Lower Upper

75 100

155 73.7 69.3 103.9

157 90.1 81.4 122.2





#69

1,3,5-Trichlorobenzene

Concen: 5.374 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. -0.000 min

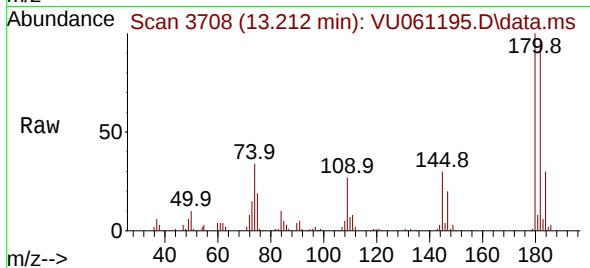
Lab File: VU061195.D

Acq: 24 Oct 2024 09:52

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 98263

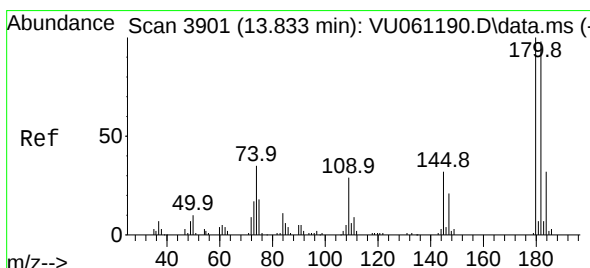
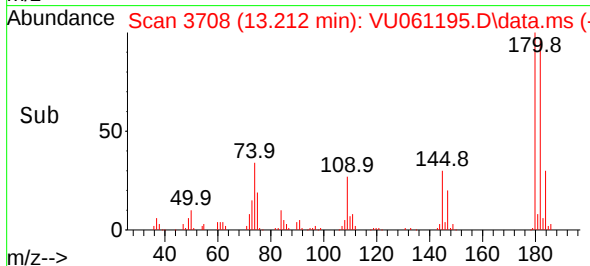
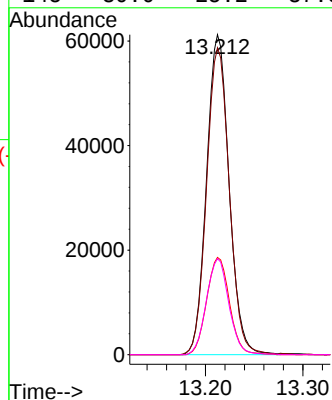
Ion Ratio Lower Upper

180 100

182 96.7 77.4 116.2

184 30.8 24.4 36.6

145 30.0 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 5.267 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU061195.D

Acq: 24 Oct 2024 09:52

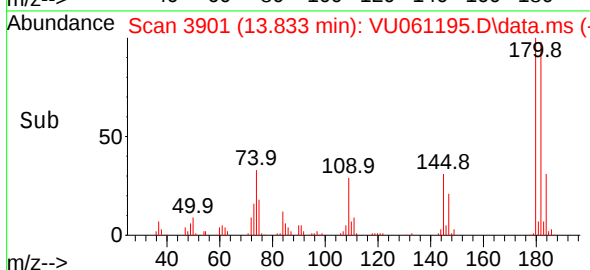
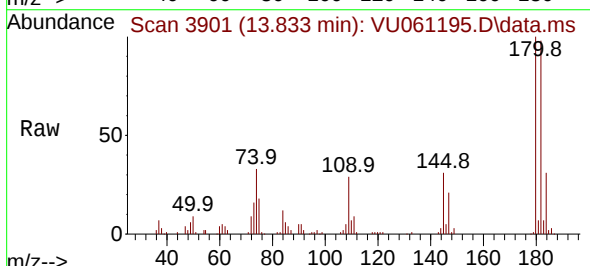
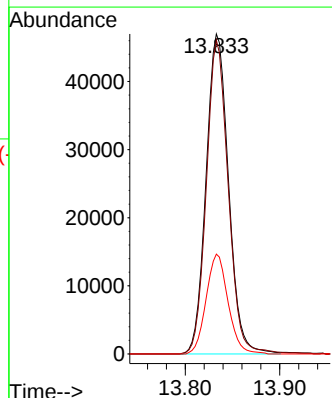
Tgt Ion:180 Resp: 77715

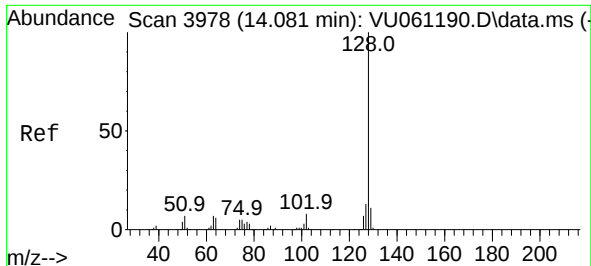
Ion Ratio Lower Upper

180 100

182 95.1 77.2 115.8

145 30.4 25.6 38.4

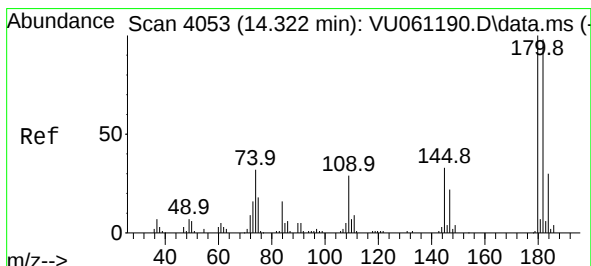
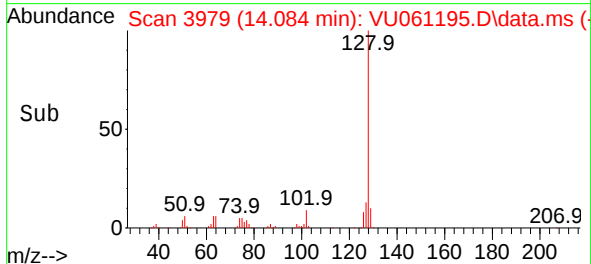
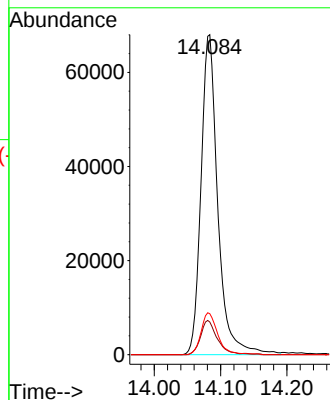
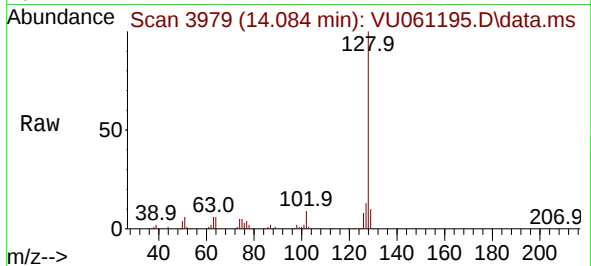




#71
Naphthalene
Concen: 5.140 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU061195.D
Acq: 24 Oct 2024 09:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 119687
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.4
127 12.9 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.300 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU061195.D
Acq: 24 Oct 2024 09:52

Tgt Ion:180 Resp: 65424
Ion Ratio Lower Upper
180 100
182 94.8 76.0 114.0
145 31.9 26.5 39.7

