

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101424\
 Data File : VU061130.D
 Acq On : 14 Oct 2024 12:36
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 15 05:38:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 15 05:36:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	167526	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	154301	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	72895	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	36723	3.066	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.400%
7) Chloroethane-d5	1.907	69	34487	3.847	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.560	65	17809	3.371	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.400%
20) 2-Butanone-d5	4.621	46	140138	48.846	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.700%
24) Chloroform-d	5.055	84	93552	4.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.695	65	48393	4.325	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	5.718	84	171022	4.204	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.682	67	57691	4.318	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.891	98	153659	4.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.174	79	23286	4.076	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.627	63	113796	48.124	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.240%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	47116	4.808	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	53773	4.613	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	37764	4.625	ug/L	99
3) Chloromethane	1.518	50	53665	4.551	ug/L	95
5) Vinyl chloride	1.602	62	56918	4.808	ug/L	97
6) Bromomethane	1.853	94	24209	3.834	ug/L	96
8) Chloroethane	1.927	64	37061	5.161	ug/L	100
9) Trichlorofluoromethane	2.133	101	79619	5.234	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	53196	5.295	ug/L	94
12) 1,1-Dichloroethene	2.573	96	49291	5.095	ug/L	91
13) Acetone	2.631	43	87900	47.639	ug/L	98
14) Carbon disulfide	2.788	76	160280	4.876	ug/L	100
15) Methyl Acetate	2.949	43	21478	4.781	ug/L	100
16) Methylene chloride	3.039	84	55786	5.023	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	137416	4.964	ug/L	96
18) trans-1,2-Dichloroethene	3.348	96	54029	5.095	ug/L	96
19) 1,1-Dichloroethane	3.859	63	107235	5.197	ug/L	98
21) 2-Butanone	4.698	43	146899	48.362	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	60267	5.103	ug/L	96
23) Bromochloromethane	4.965	128	25028	5.265	ug/L	# 93
25) Chloroform	5.078	83	107884	5.219	ug/L	97

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Quant Time: Oct 15 05:38:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

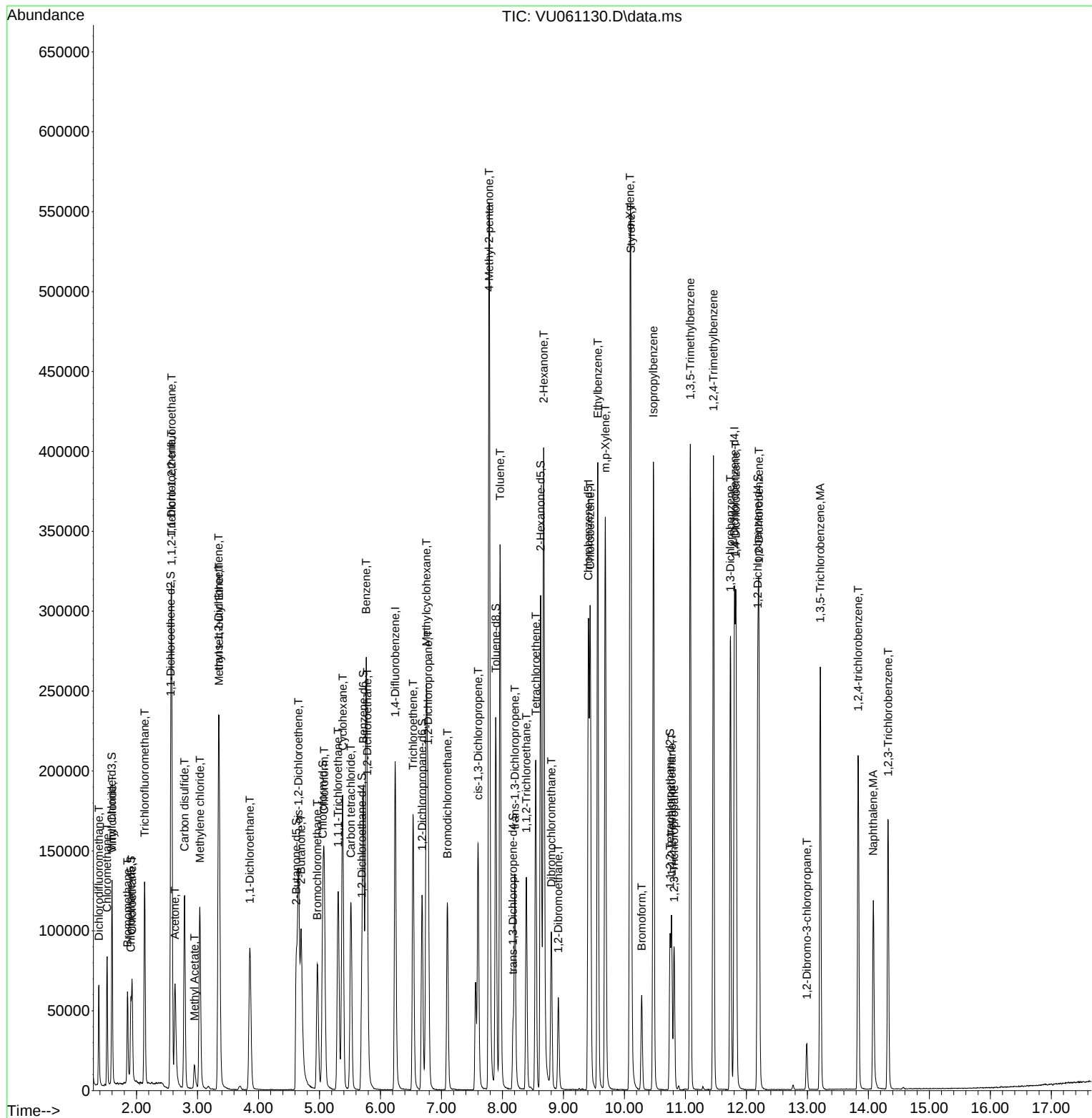
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	68687	5.045	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	91413	5.120	ug/L	97
30) Cyclohexane	5.380	56	99056	4.980	ug/L	93
31) Carbon tetrachloride	5.515	117	80408	5.306	ug/L	100
33) Benzene	5.766	78	236749	5.205	ug/L	100
34) Trichloroethene	6.534	95	62247	5.048	ug/L	95
35) Methylcyclohexane	6.753	83	100410	5.042	ug/L	98
37) 1,2-Dichloropropane	6.782	63	61820	5.157	ug/L #	97
38) Bromodichloromethane	7.097	83	77186	5.151	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	93694	4.985	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	375959	48.966	ug/L	96
42) Toluene	7.962	91	251224	5.184	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	76917	4.949	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	40376	5.082	ug/L	97
47) Tetrachloroethene	8.547	164	43276	5.393	ug/L	96
48) 2-Hexanone	8.676	43	274058	51.484	ug/L	94
49) Dibromochloromethane	8.801	129	49105	5.313	ug/L	97
50) 1,2-Dibromoethane	8.917	107	39296	5.225	ug/L #	97
51) Chlorobenzene	9.441	112	154391	5.230	ug/L	96
52) Ethylbenzene	9.563	91	279459	5.089	ug/L	99
53) m,p-Xylene	9.688	106	101214	5.053	ug/L	92
54) o-Xylene	10.094	106	101753	5.163	ug/L	92
55) Styrene	10.106	104	160742	5.053	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.775	83	52069	5.216	ug/L	96
59) Bromoform	10.283	173	25473	5.091	ug/L #	98
60) Isopropylbenzene	10.476	105	250721	5.143	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	37437	5.228	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	217297	5.058	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	218497	5.038	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	108819	5.207	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	106763	5.168	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	100700	5.214	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	7950	5.090	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.212	180	76923	5.228	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	58823	5.217	ug/L	97
71) Naphthalene	14.081	128	100236	5.442	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	48575	5.177	ug/L	98

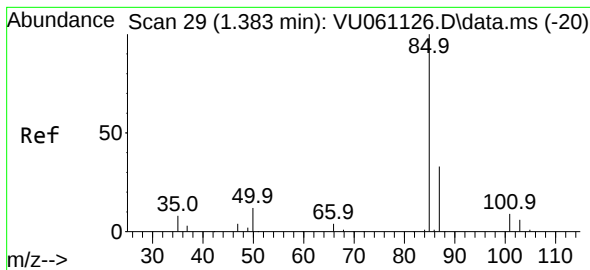
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU0101424\
 Data File : VU061130.D
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 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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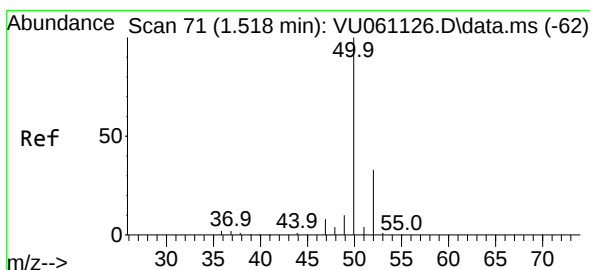
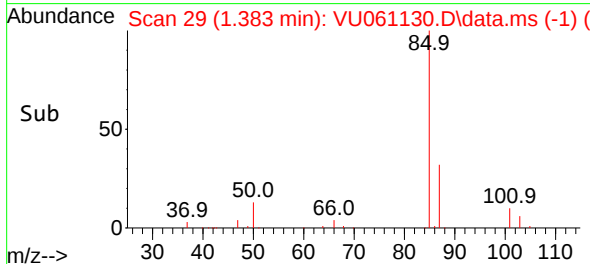
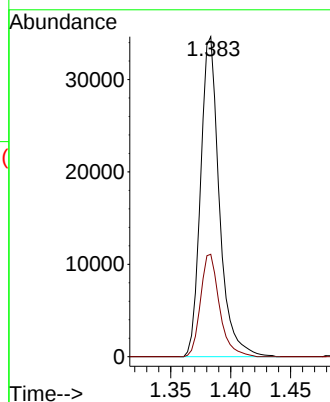
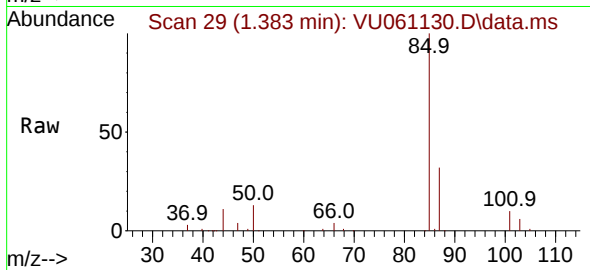




#2
Dichlorodifluoromethane
Concen: 4.625 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU061130.D
Acq: 14 Oct 2024 12:36

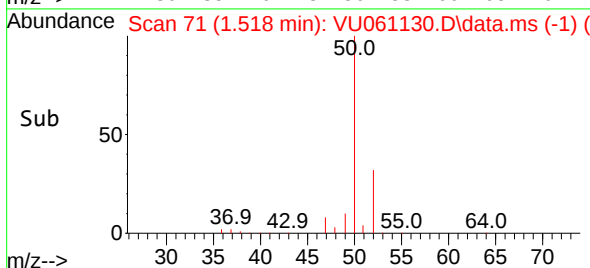
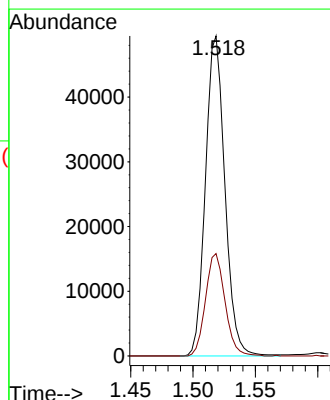
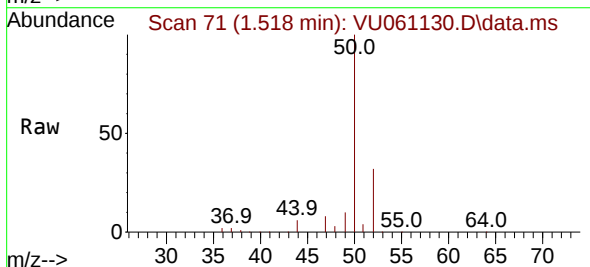
Instrument :
MSVOA_U
ClientSampleId :

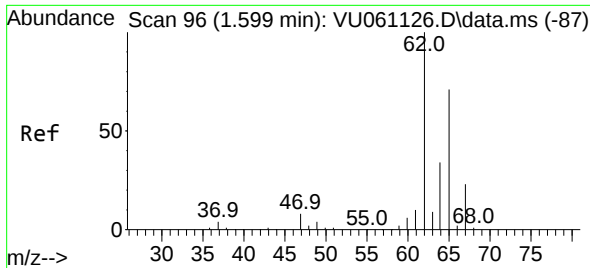
Tgt Ion: 85 Resp: 37764
Ion Ratio Lower Upper
85 100
87 32.4 26.2 39.2



#3
Chloromethane
Concen: 4.551 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU061130.D
Acq: 14 Oct 2024 12:36

Tgt Ion: 50 Resp: 53665
Ion Ratio Lower Upper
50 100
52 32.0 24.4 45.4

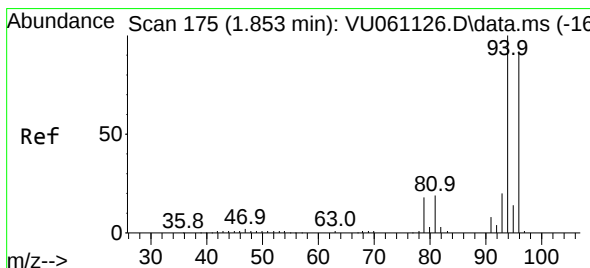
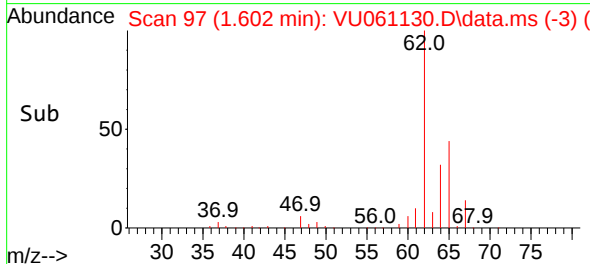
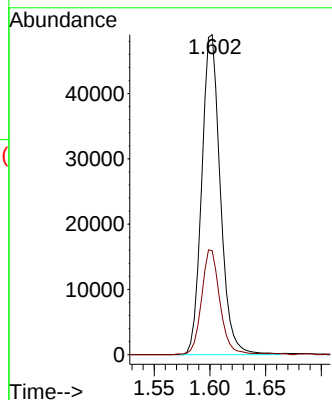
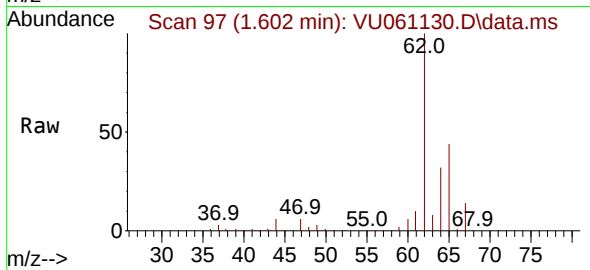




#5
Vinyl chloride
Concen: 4.808 ug/L
RT: 1.602 min Scan# 91
Delta R.T. 0.003 min
Lab File: VU061130.D
Acq: 14 Oct 2024 12:36

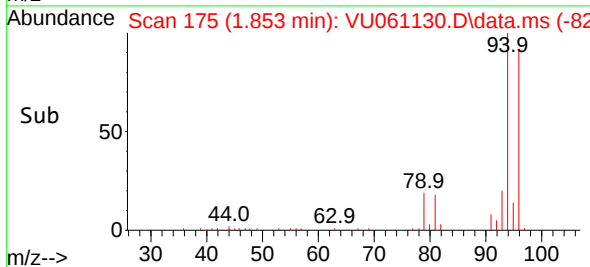
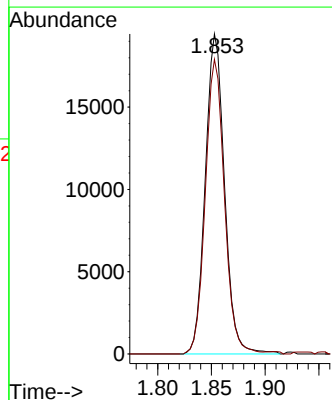
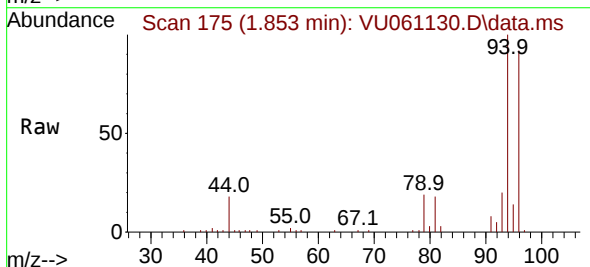
Instrument :
MSVOA_U
ClientSampleId :

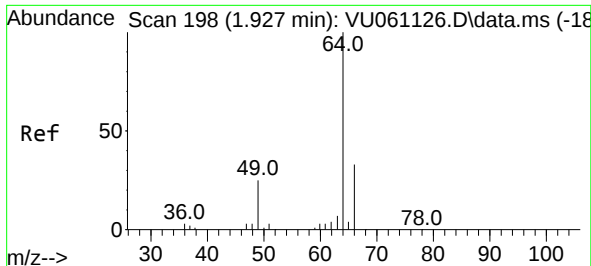
Tgt Ion: 62 Resp: 56918
Ion Ratio Lower Upper
62 100
64 32.5 24.0 44.6



#6
Bromomethane
Concen: 3.834 ug/L
RT: 1.853 min Scan# 175
Delta R.T. 0.000 min
Lab File: VU061130.D
Acq: 14 Oct 2024 12:36

Tgt Ion: 94 Resp: 24209
Ion Ratio Lower Upper
94 100
96 92.1 67.3 124.9





#8

Chloroethane

Concen: 5.161 ug/L

RT: 1.927 min Scan# 198

Delta R.T. 0.000 min

Lab File: VU061130.D

Acq: 14 Oct 2024 12:36

Instrument :

MSVOA_U

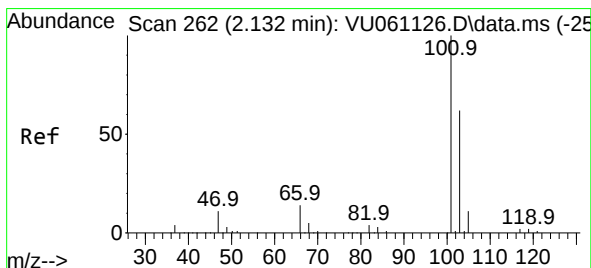
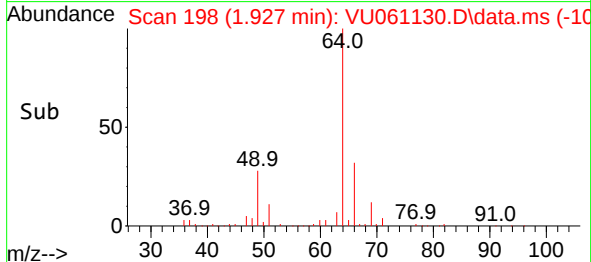
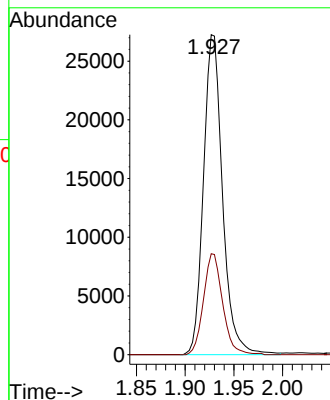
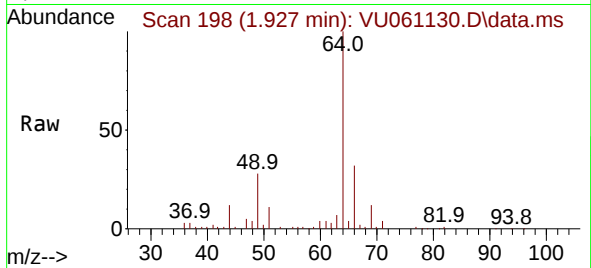
ClientSampleId :

Tgt Ion: 64 Resp: 37061

Ion Ratio Lower Upper

64 100

66 31.5 22.3 41.3



#9

Trichlorofluoromethane

Concen: 5.234 ug/L

RT: 2.133 min Scan# 262

Delta R.T. 0.000 min

Lab File: VU061130.D

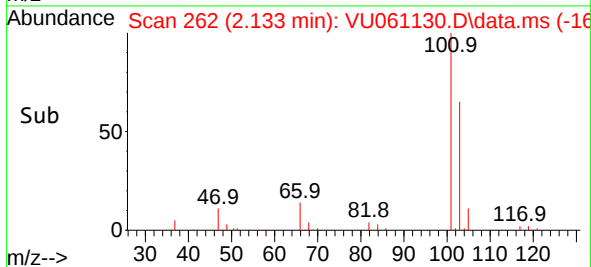
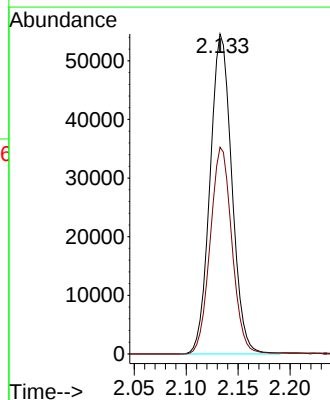
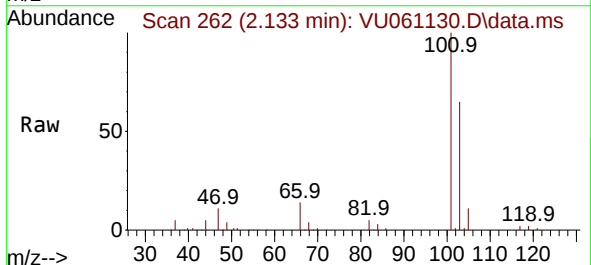
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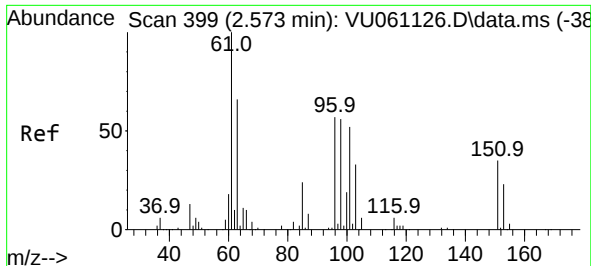
Tgt Ion: 101 Resp: 79619

Ion Ratio Lower Upper

101 100

103 64.3 51.4 77.2

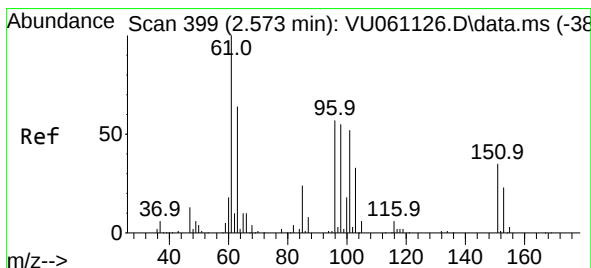
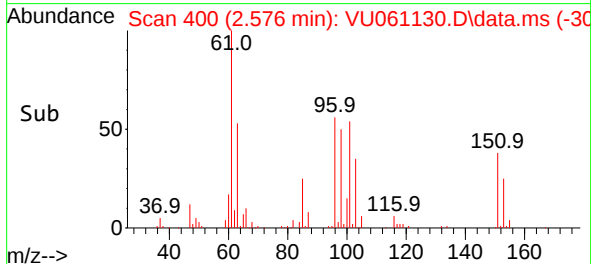
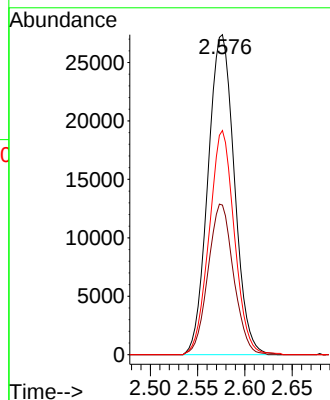
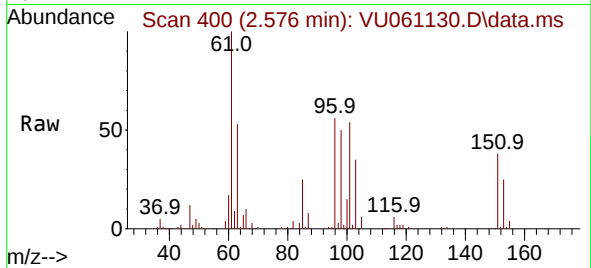




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.295 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU061130.D
Acq: 14 Oct 2024 12:36

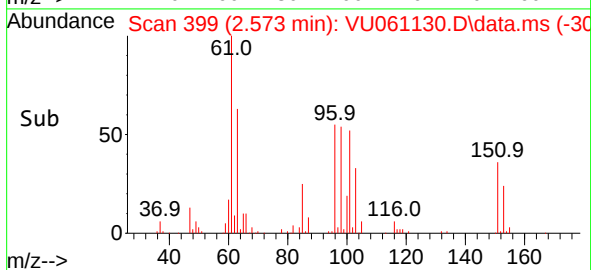
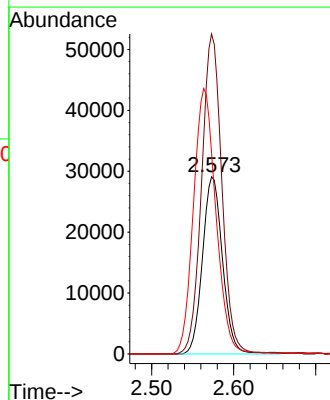
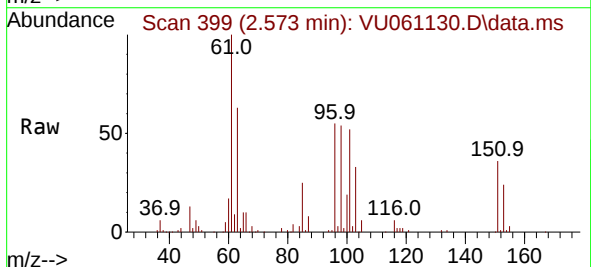
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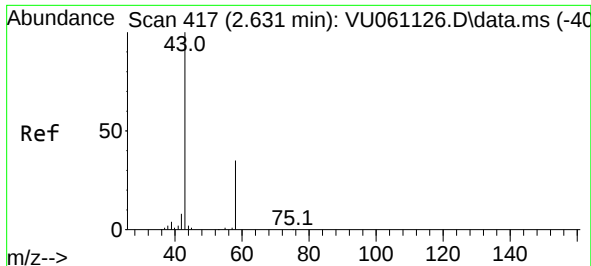
Tgt Ion:101 Resp: 53196
Ion Ratio Lower Upper
101 100
85 45.4 34.2 51.4
151 67.0 58.6 88.0



#12
1,1-Dichloroethene
Concen: 5.095 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061130.D
Acq: 14 Oct 2024 12:36

Tgt Ion: 96 Resp: 49291
Ion Ratio Lower Upper
96 100
61 180.7 120.7 224.1
63 113.5 90.0 167.2





#13

Acetone

Concen: 47.639 ug/L

RT: 2.631 min Scan# 417

Delta R.T. 0.000 min

Lab File: VU061130.D

Acq: 14 Oct 2024 12:36

Instrument :

MSVOA_U

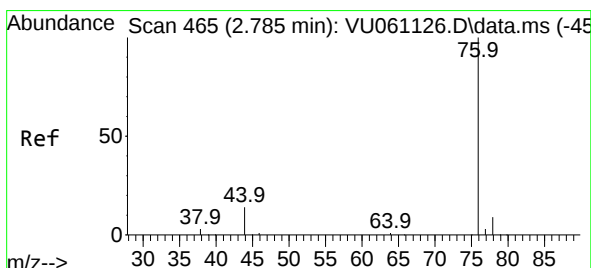
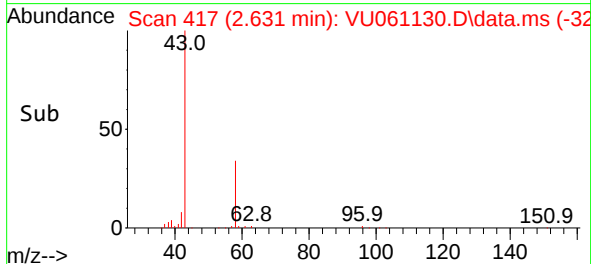
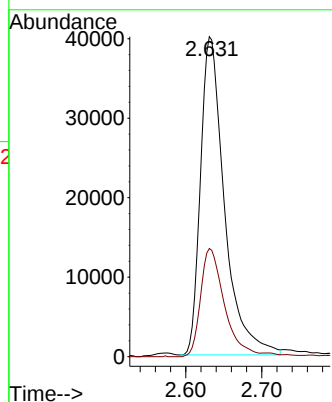
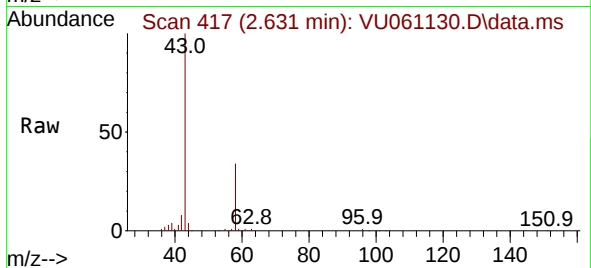
ClientSampleId :

Tgt Ion: 43 Resp: 87900

Ion Ratio Lower Upper

43 100

58 33.5 0.0 69.6



#14

Carbon disulfide

Concen: 4.876 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU061130.D

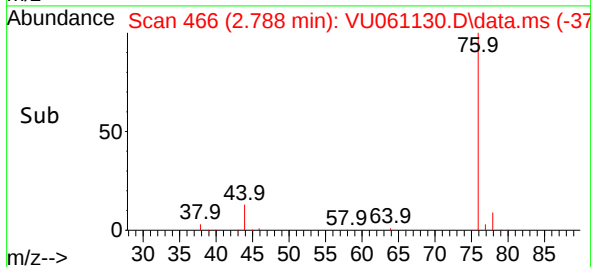
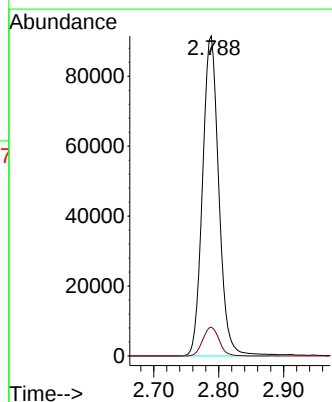
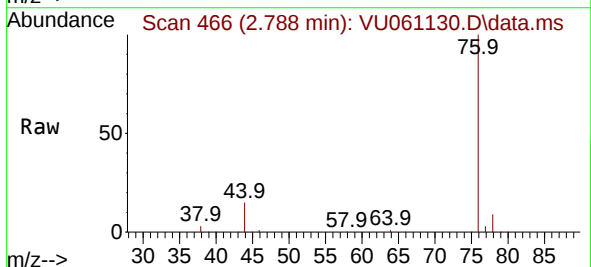
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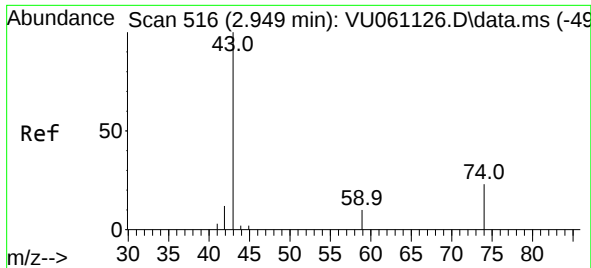
Tgt Ion: 76 Resp: 160280

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7

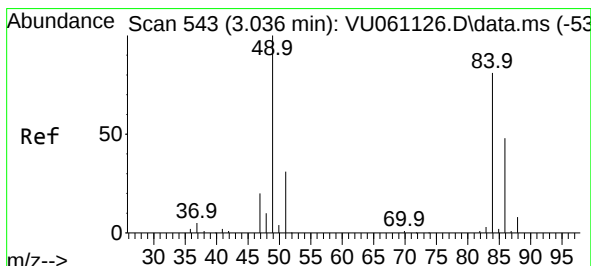
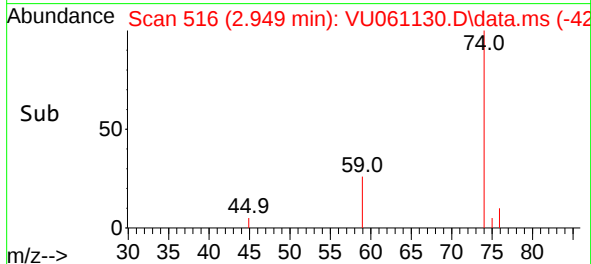
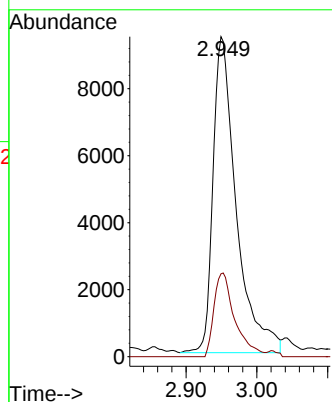
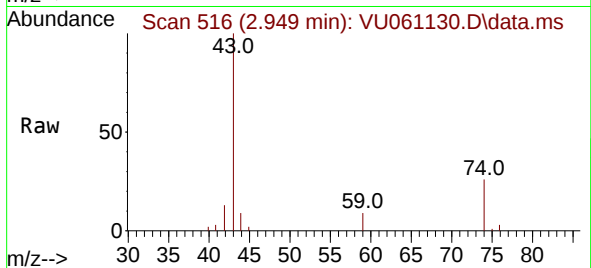




#15
Methyl Acetate
Concen: 4.781 ug/L
RT: 2.949 min Scan# 516
Delta R.T. 0.000 min
Lab File: VU061130.D
Acq: 14 Oct 2024 12:36

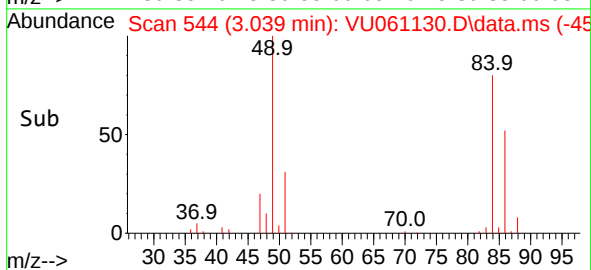
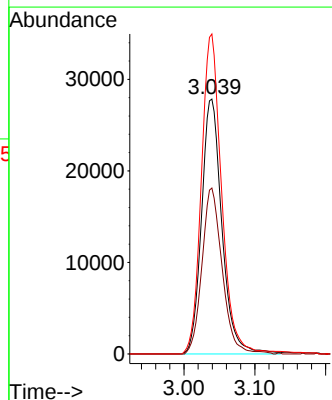
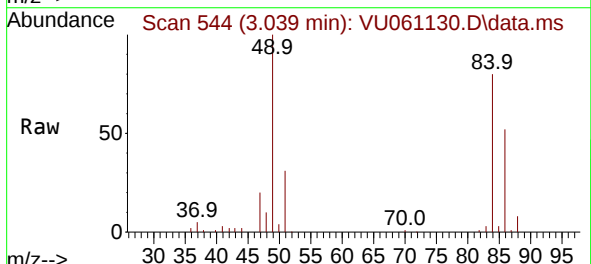
Instrument :
MSVOA_U
ClientSampleId :

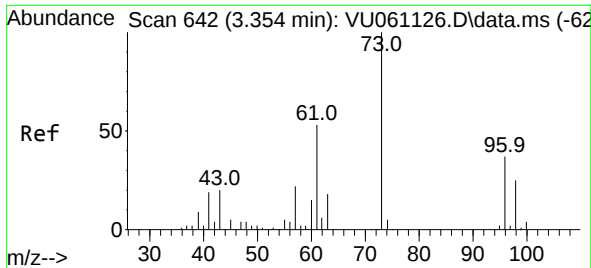
Tgt Ion: 43 Resp: 21478
Ion Ratio Lower Upper
43 100
74 23.7 18.9 28.3



#16
Methylene chloride
Concen: 5.023 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU061130.D
Acq: 14 Oct 2024 12:36

Tgt Ion: 84 Resp: 55786
Ion Ratio Lower Upper
84 100
86 65.1 47.3 87.8
49 125.6 78.7 146.1

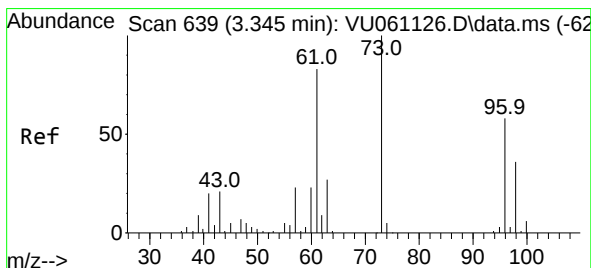
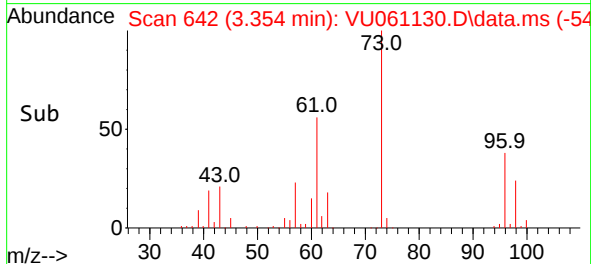
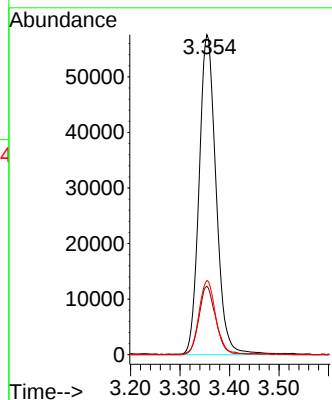
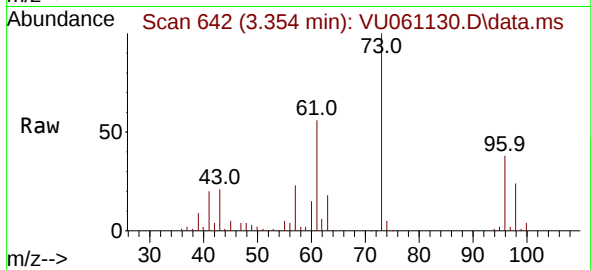




#17
Methyl tert-butyl Ether
Concen: 4.964 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061130.D
Acq: 14 Oct 2024 12:36

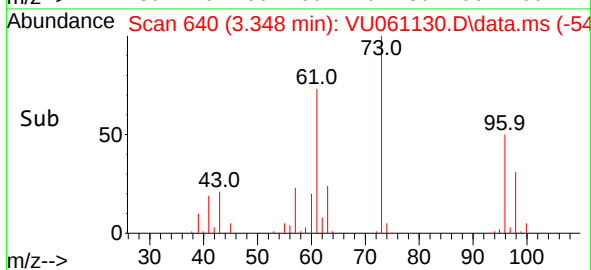
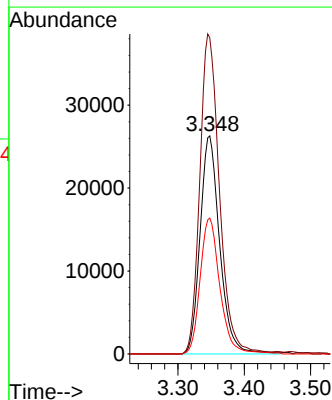
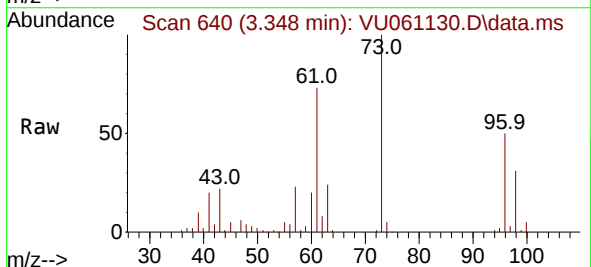
Instrument :
MSVOA_U
ClientSampleId :

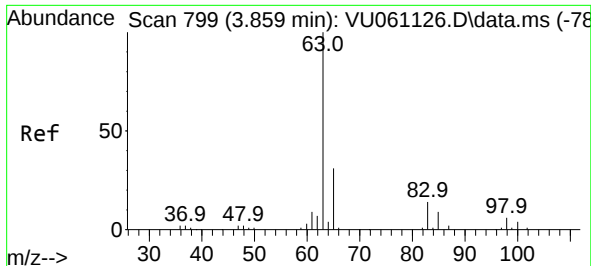
Tgt Ion: 73 Resp: 137416
Ion Ratio Lower Upper
73 100
43 20.7 13.8 20.8
57 22.8 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.095 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061130.D
Acq: 14 Oct 2024 12:36

Tgt Ion: 96 Resp: 54029
Ion Ratio Lower Upper
96 100
61 144.9 97.2 180.6
98 62.3 43.3 80.5

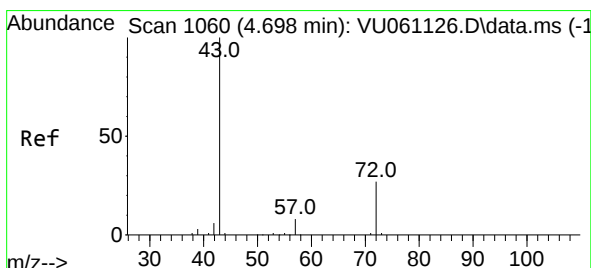
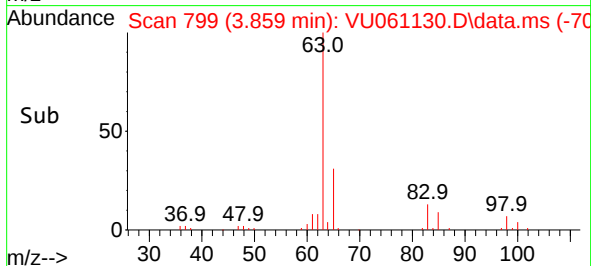
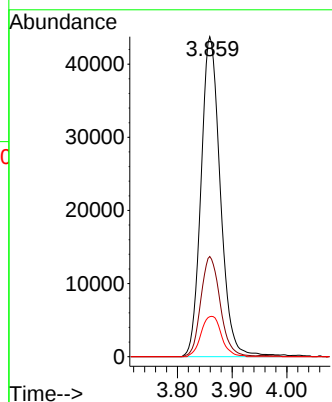
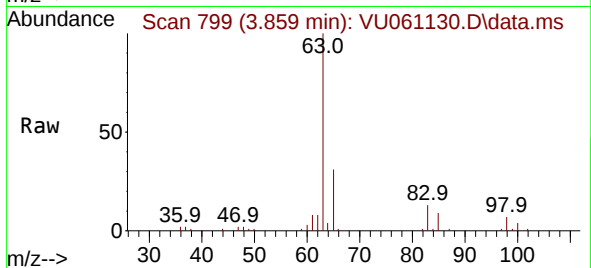




#19
1,1-Dichloroethane
Concen: 5.197 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061130.D
Acq: 14 Oct 2024 12:36

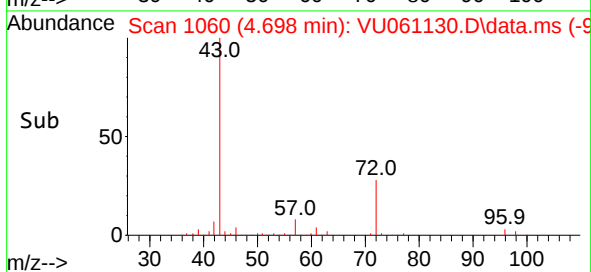
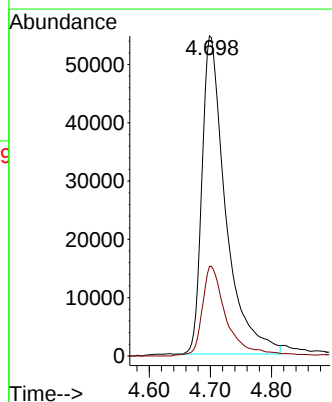
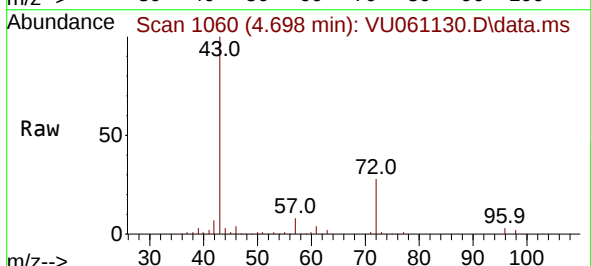
Instrument :
MSVOA_U
ClientSampleId :

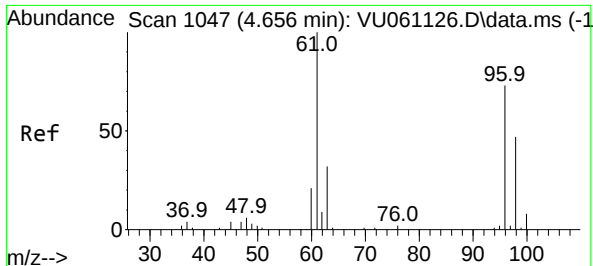
Tgt Ion: 63 Resp: 107235
Ion Ratio Lower Upper
63 100
65 31.3 23.0 42.8
83 12.5 9.0 16.6



#21
2-Butanone
Concen: 48.362 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VU061130.D
Acq: 14 Oct 2024 12:36

Tgt Ion: 43 Resp: 146899
Ion Ratio Lower Upper
43 100
72 29.2 14.8 44.3

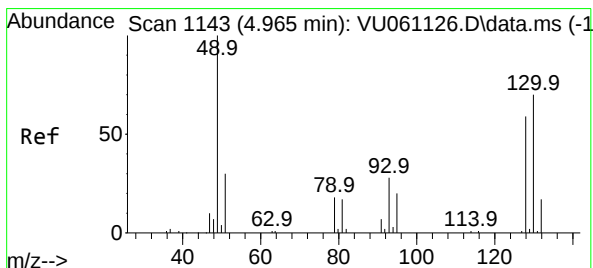
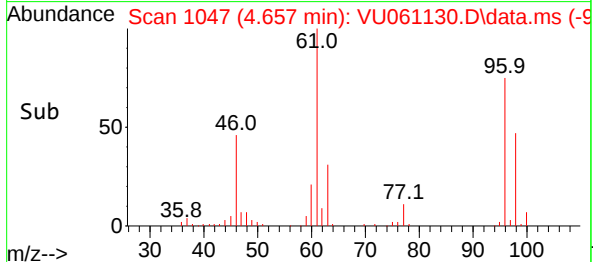
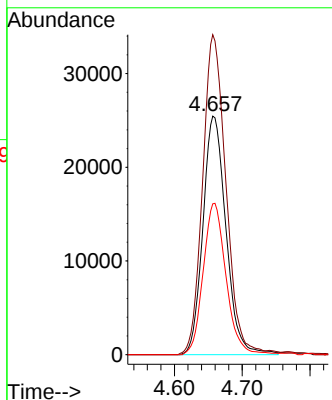
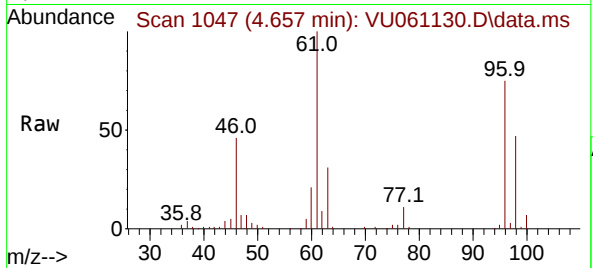




#22
 cis-1,2-Dichloroethene
 Concen: 5.103 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061130.D
 Acq: 14 Oct 2024 12:36

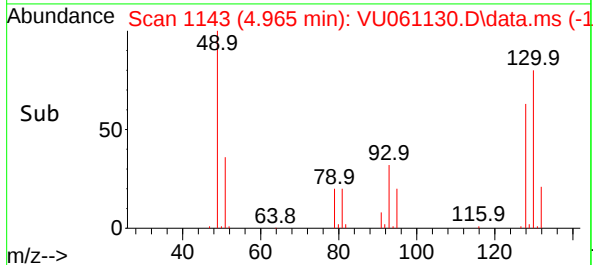
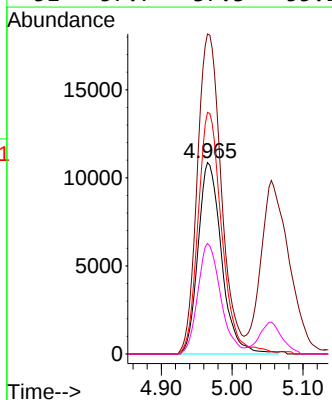
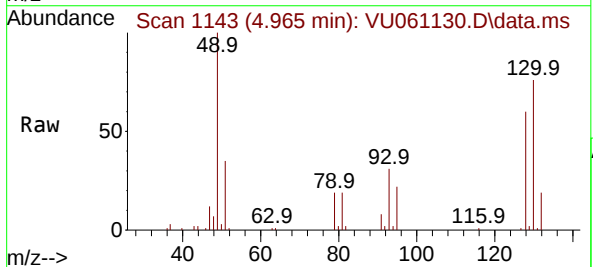
Instrument :
 MSVOA_U
 ClientSampleId :

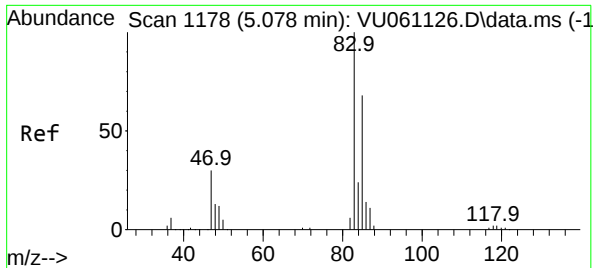
Tgt Ion: 96 Resp: 60267
 Ion Ratio Lower Upper
 96 100
 61 134.2 89.7 166.5
 98 63.2 45.1 83.9



#23
 Bromochloromethane
 Concen: 5.265 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU061130.D
 Acq: 14 Oct 2024 12:36

Tgt Ion:128 Resp: 25028
 Ion Ratio Lower Upper
 128 100
 49 167.3 109.6 203.6
 130 126.3 87.8 163.0
 51 57.7 37.3 55.9#





#25

Chloroform

Concen: 5.219 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061130.D

Acq: 14 Oct 2024 12:36

Instrument :

MSVOA_U

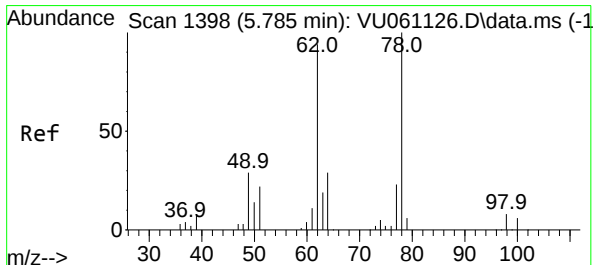
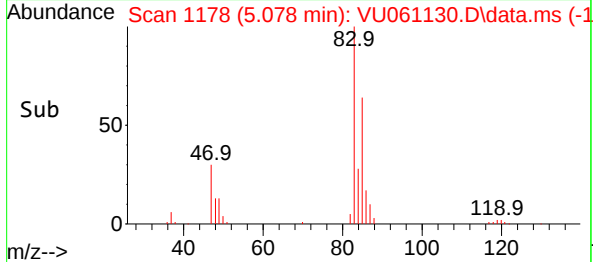
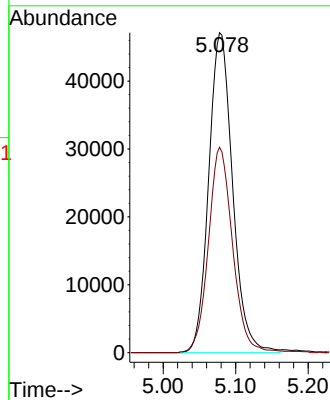
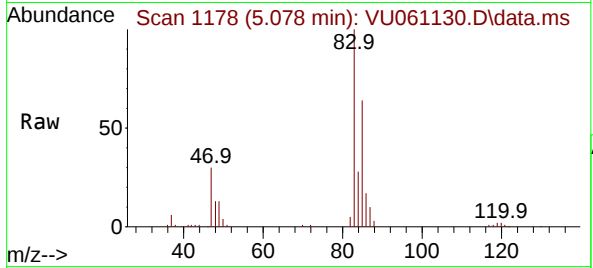
ClientSampleId :

Tgt Ion: 83 Resp: 107884

Ion Ratio Lower Upper

83 100

85 64.2 46.8 86.8



#27

1,2-Dichloroethane

Concen: 5.045 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU061130.D

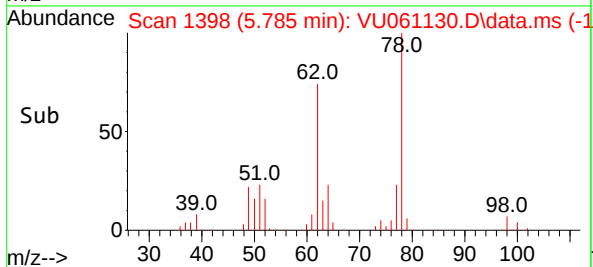
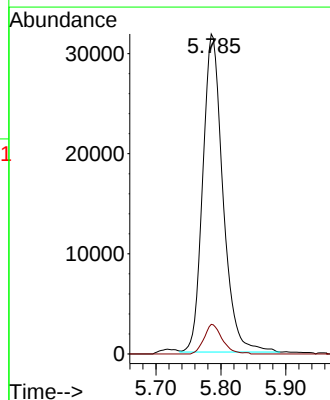
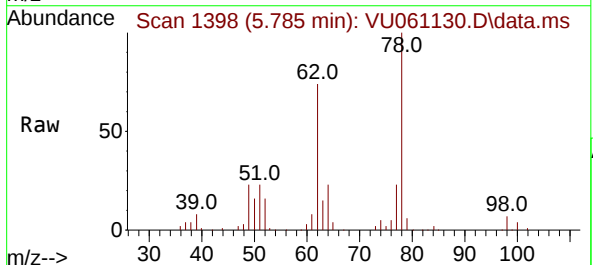
Acq: 14 Oct 2024 12:36

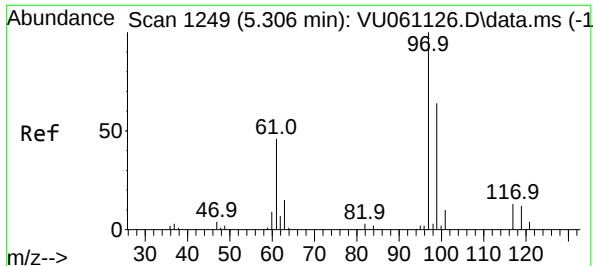
Tgt Ion: 62 Resp: 68687

Ion Ratio Lower Upper

62 100

98 9.3 8.2 12.4

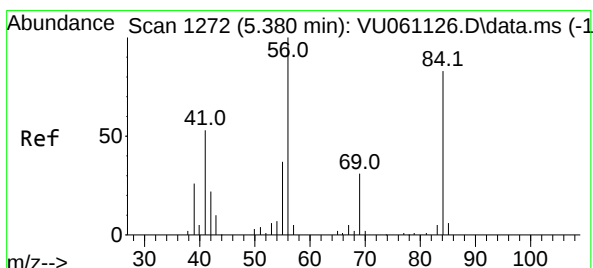
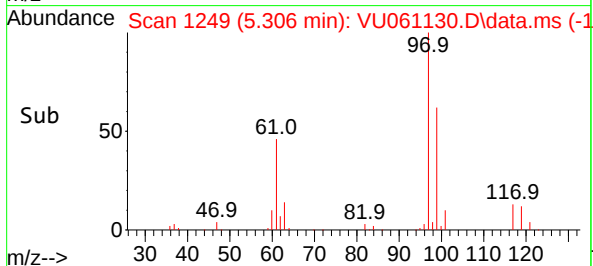
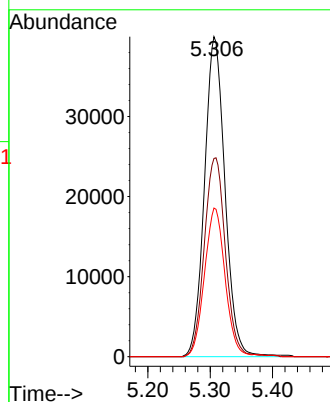
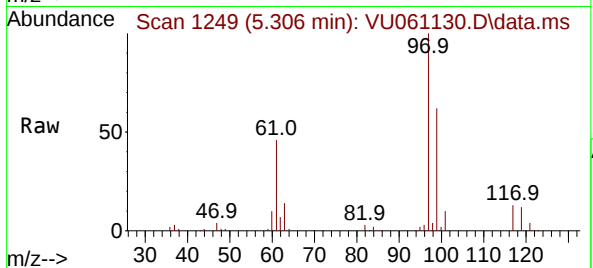




#29
1,1,1-Trichloroethane
Concen: 5.120 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061130.D
Acq: 14 Oct 2024 12:36

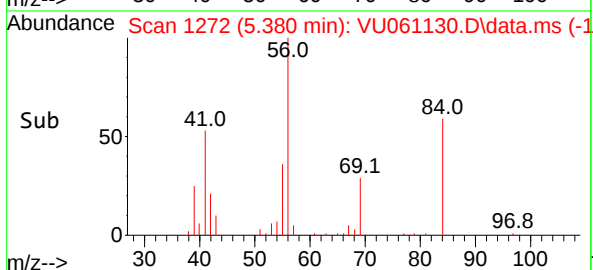
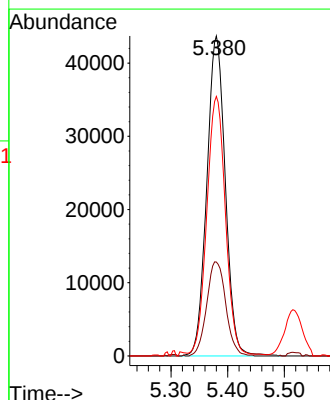
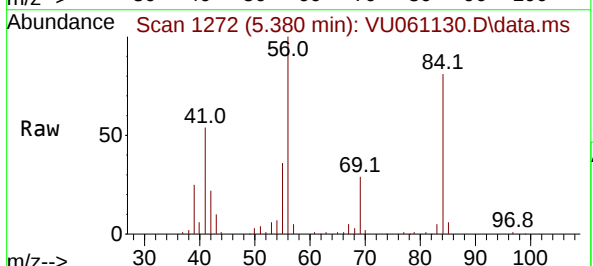
Instrument :
MSVOA_U
ClientSampleId :

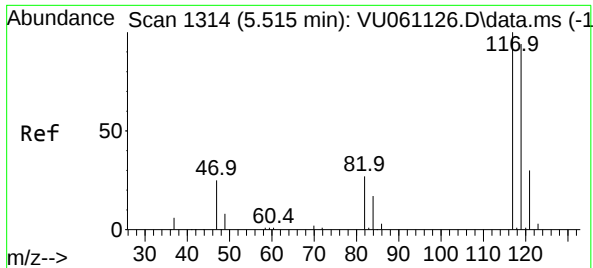
Tgt Ion:	97	Resp:	91413
Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.5	75.7
61	46.6	34.4	51.6



#30
Cyclohexane
Concen: 4.980 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU061130.D
Acq: 14 Oct 2024 12:36

Tgt Ion:	56	Resp:	99056
Ion	Ratio	Lower	Upper
56	100		
69	30.5	25.4	38.0
84	81.2	71.0	106.6

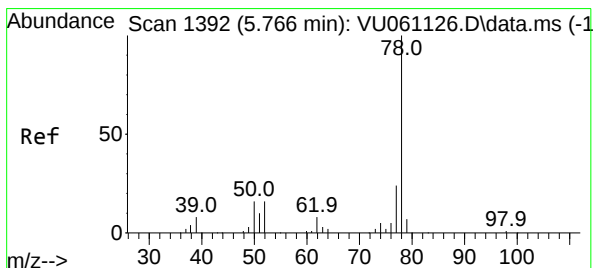
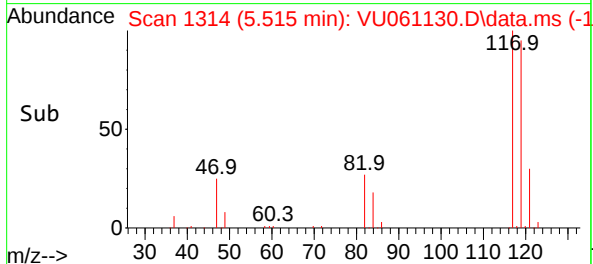
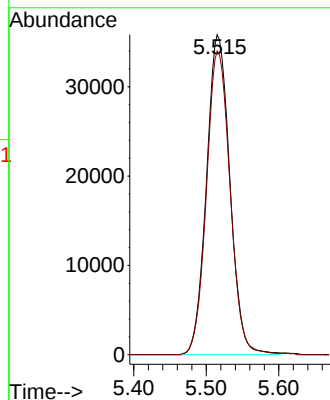
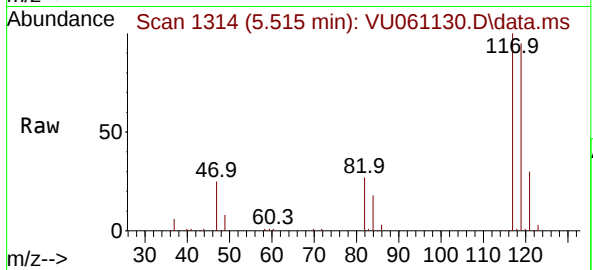




#31
Carbon tetrachloride
Concen: 5.306 ug/L
RT: 5.515 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU061130.D
Acq: 14 Oct 2024 12:36

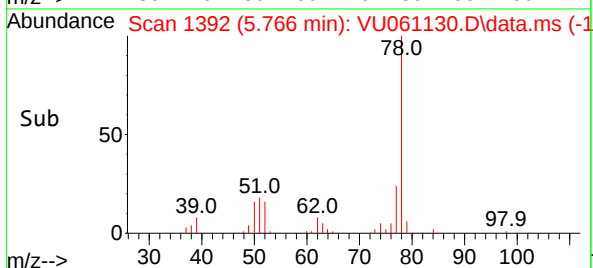
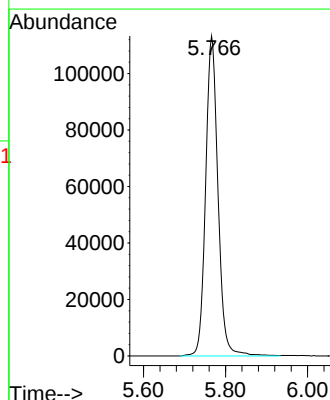
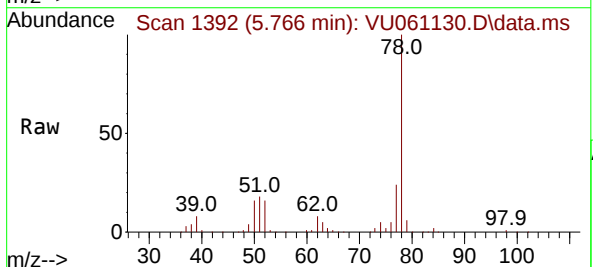
Instrument :
MSVOA_U
ClientSampleId :

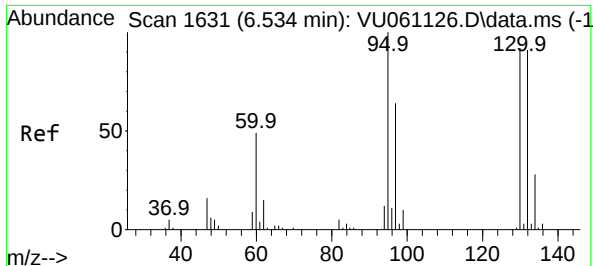
Tgt Ion:117 Resp: 80408
Ion Ratio Lower Upper
117 100
119 95.6 76.3 114.5



#33
Benzene
Concen: 5.205 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061130.D
Acq: 14 Oct 2024 12:36

Tgt Ion: 78 Resp: 236749





#34

Trichloroethene

Concen: 5.048 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU061130.D

Acq: 14 Oct 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 62247

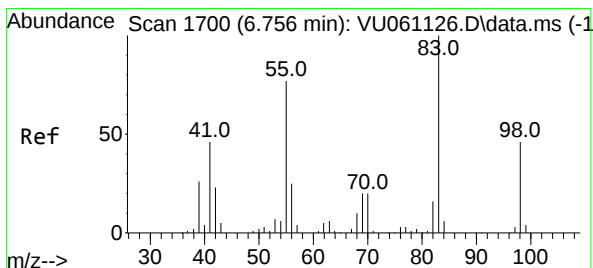
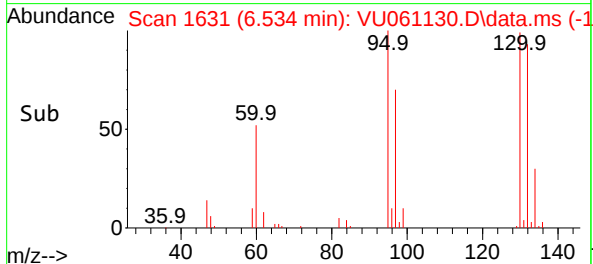
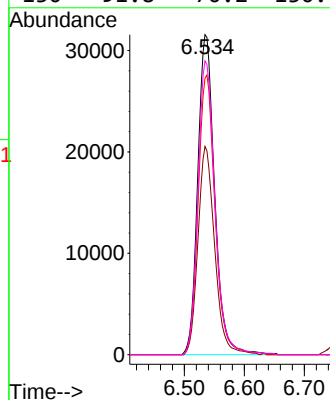
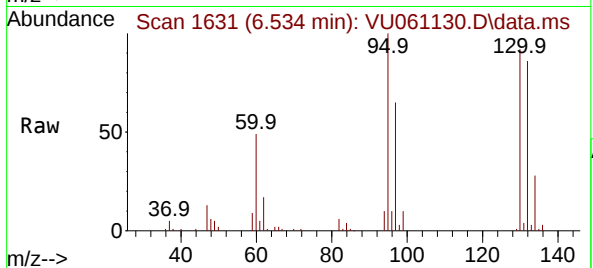
Ion Ratio Lower Upper

95 100

97 65.0 44.9 83.5

132 86.4 63.5 117.9

130 91.8 70.2 130.4



#35

Methylcyclohexane

Concen: 5.042 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU061130.D

Acq: 14 Oct 2024 12:36

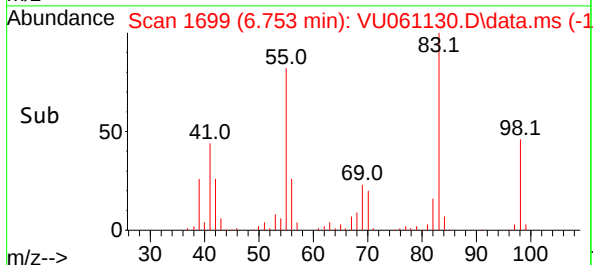
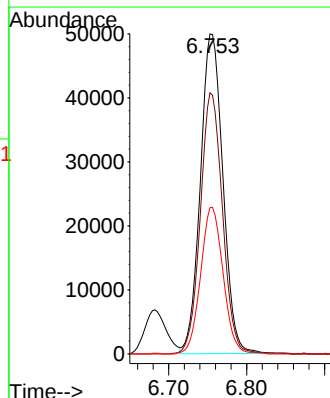
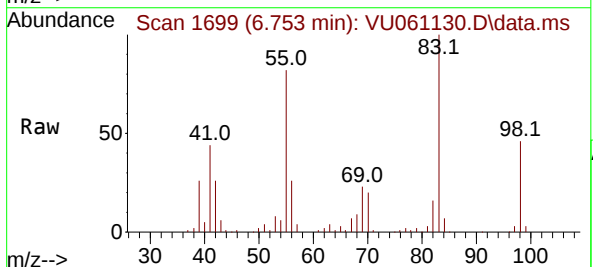
Tgt Ion: 83 Resp: 100410

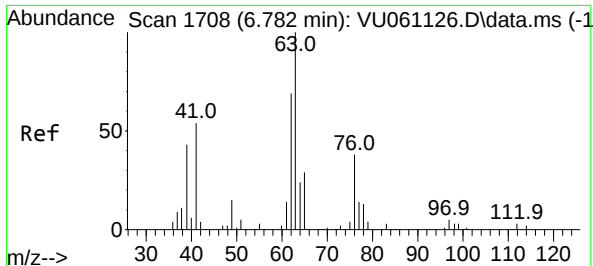
Ion Ratio Lower Upper

83 100

55 80.3 62.6 94.0

98 45.8 37.6 56.4

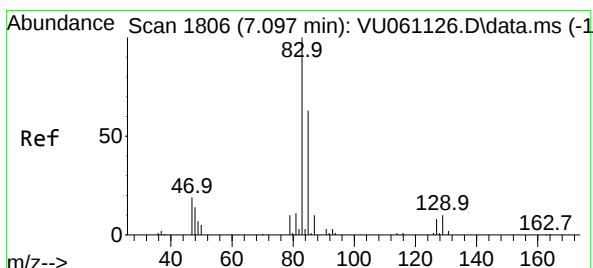
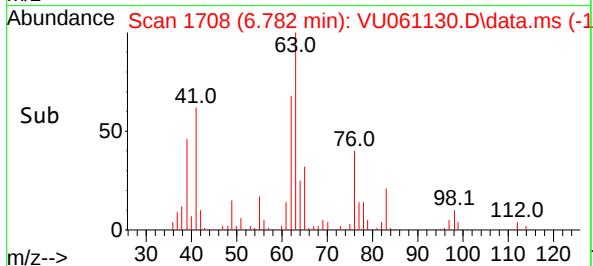
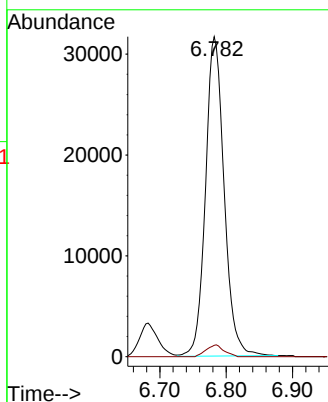
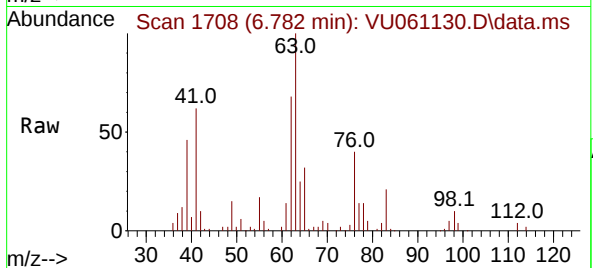




#37
1,2-Dichloropropane
Concen: 5.157 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VU061130.D
Acq: 14 Oct 2024 12:36

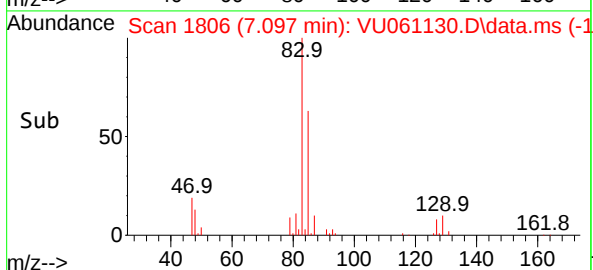
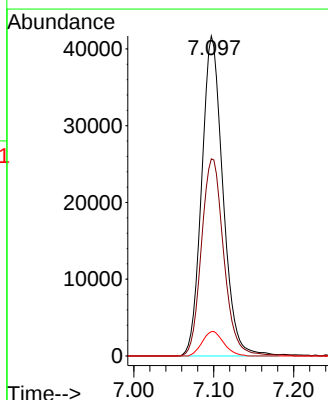
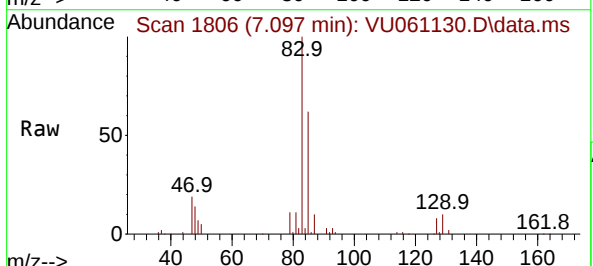
Instrument :
MSVOA_U
ClientSampleId :

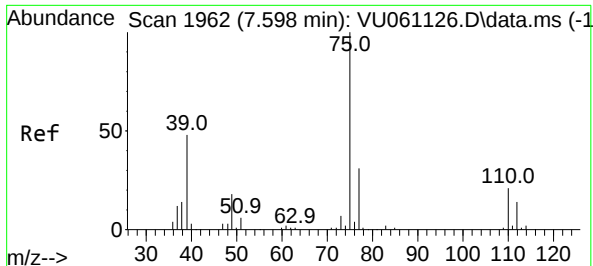
Tgt Ion: 63 Resp: 61820
Ion Ratio Lower Upper
63 100
112 3.5 2.0 3.0#



#38
Bromodichloromethane
Concen: 5.151 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061130.D
Acq: 14 Oct 2024 12:36

Tgt Ion: 83 Resp: 77186
Ion Ratio Lower Upper
83 100
85 61.6 45.6 84.8
127 7.6 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.985 ug/L

RT: 7.602 min Scan# 1962

Delta R.T. 0.003 min

Lab File: VU061130.D

Acq: 14 Oct 2024 12:36

Instrument :

MSVOA_U

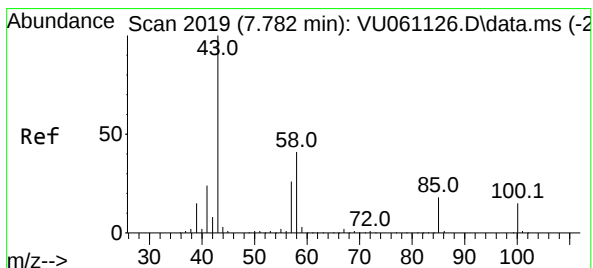
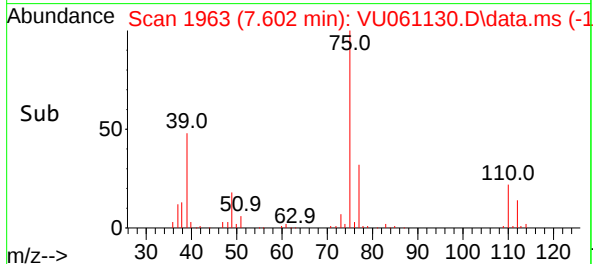
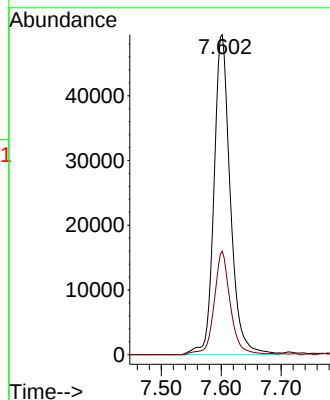
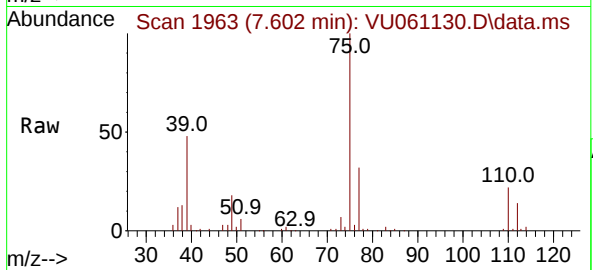
ClientSampleId :

Tgt Ion: 75 Resp: 93694

Ion Ratio Lower Upper

75 100

77 32.3 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 48.966 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU061130.D

Acq: 14 Oct 2024 12:36

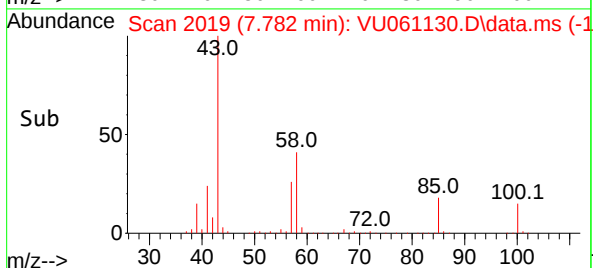
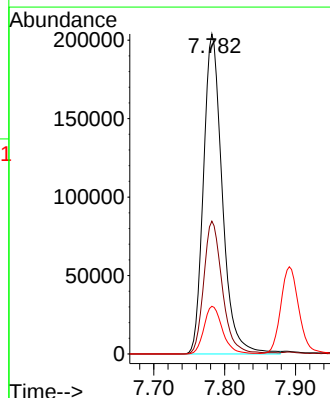
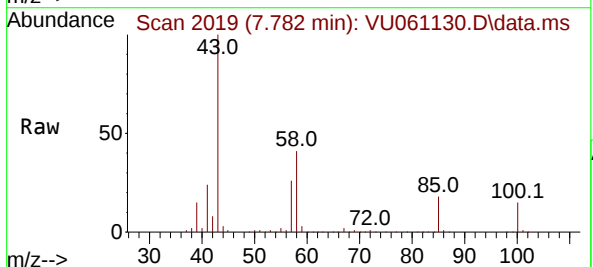
Tgt Ion: 43 Resp: 375959

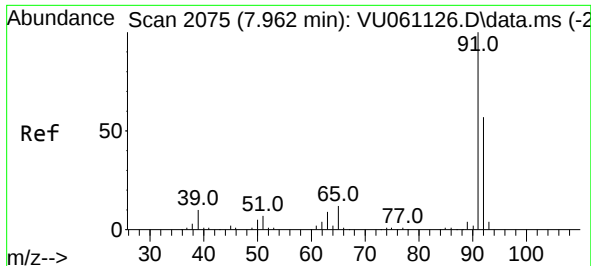
Ion Ratio Lower Upper

43 100

58 41.1 34.9 52.3

100 14.7 13.4 20.0





#42

Toluene

Concen: 5.184 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061130.D

Acq: 14 Oct 2024 12:36

Instrument :

MSVOA_U

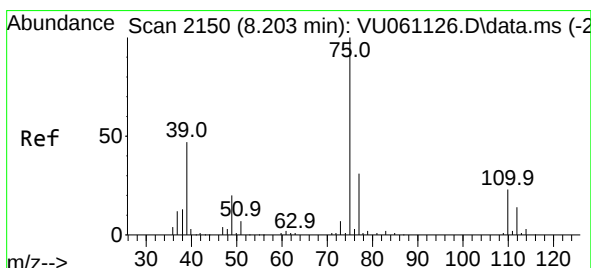
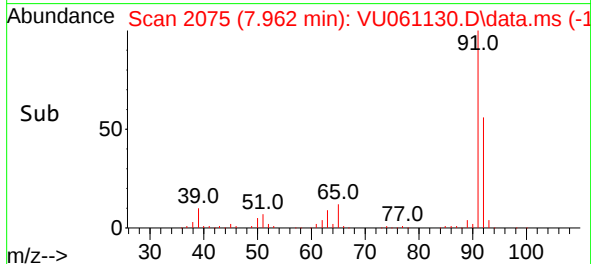
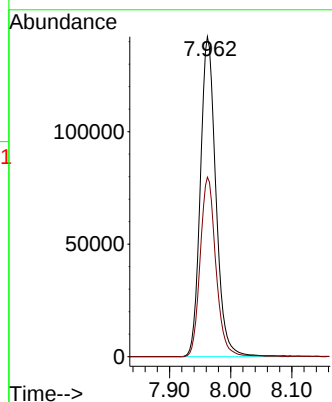
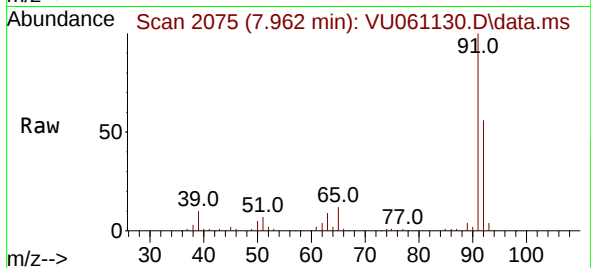
ClientSampleId :

Tgt Ion: 91 Resp: 251224

Ion Ratio Lower Upper

91 100

92 56.1 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 4.949 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061130.D

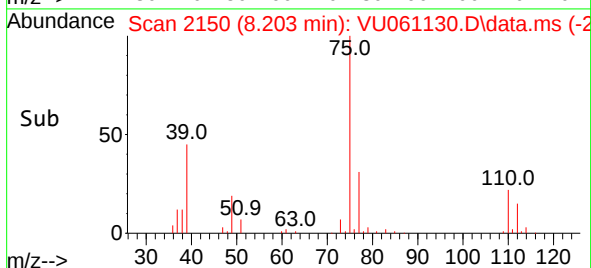
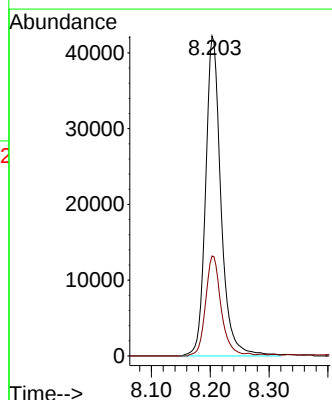
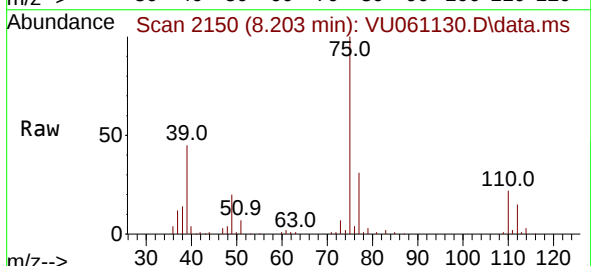
Acq: 14 Oct 2024 12:36

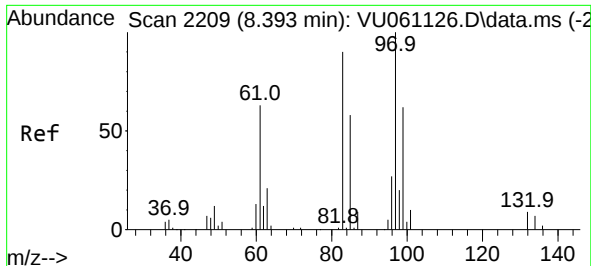
Tgt Ion: 75 Resp: 76917

Ion Ratio Lower Upper

75 100

77 31.2 23.1 42.9





#45

1,1,2-Trichloroethane

Concen: 5.082 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VU061130.D

Acq: 14 Oct 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 40376

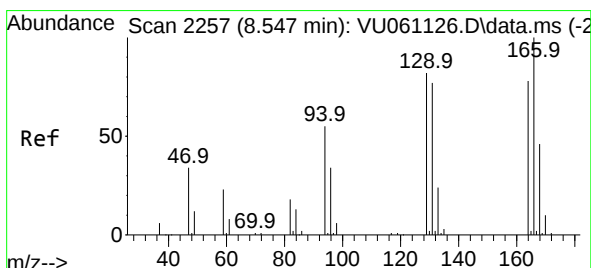
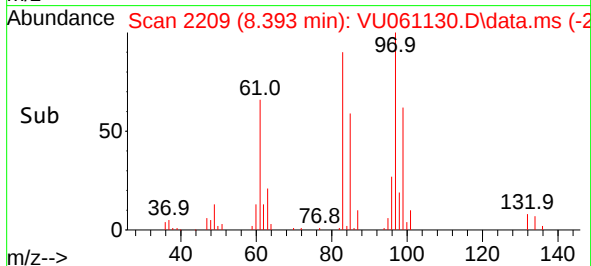
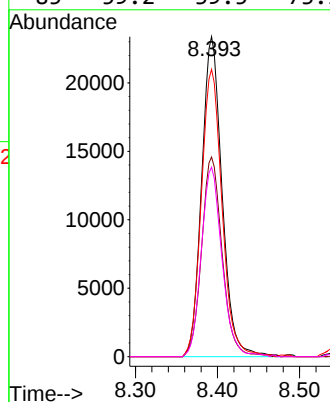
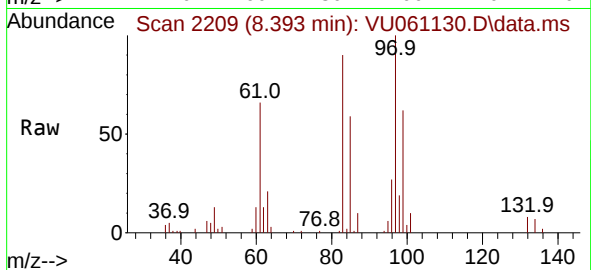
Ion Ratio Lower Upper

97 100

99 62.4 42.3 78.5

83 89.8 61.7 114.5

85 59.2 39.5 73.3



#47

Tetrachloroethene

Concen: 5.393 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU061130.D

Acq: 14 Oct 2024 12:36

Tgt Ion:164 Resp: 43276

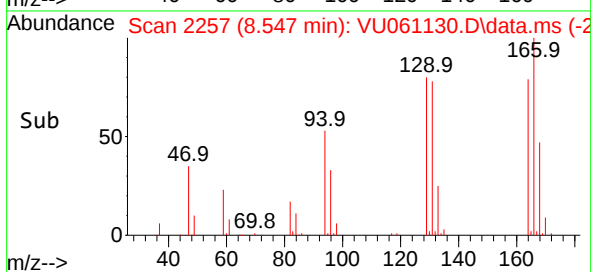
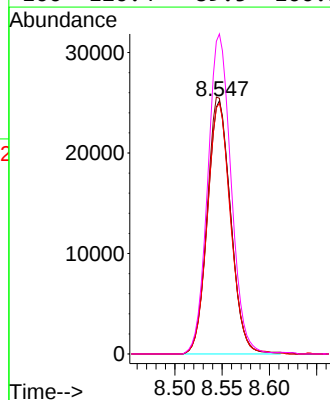
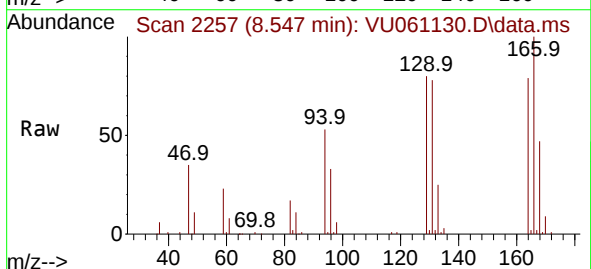
Ion Ratio Lower Upper

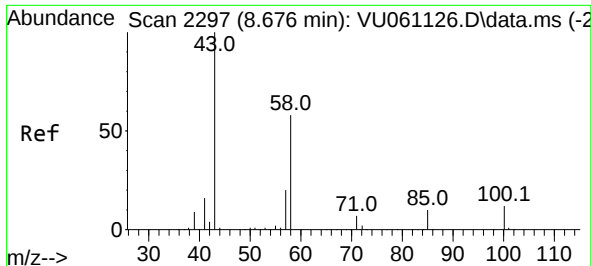
164 100

129 101.0 67.3 124.9

131 99.1 65.4 121.4

166 126.4 89.5 166.1

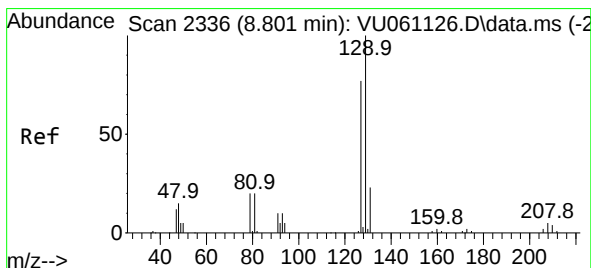
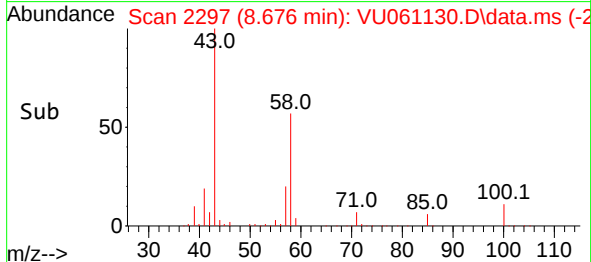
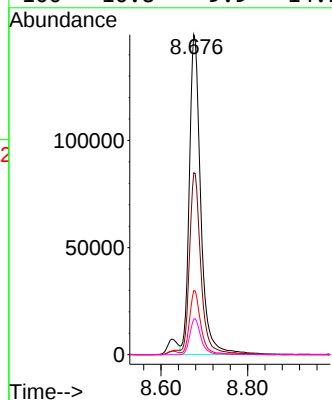
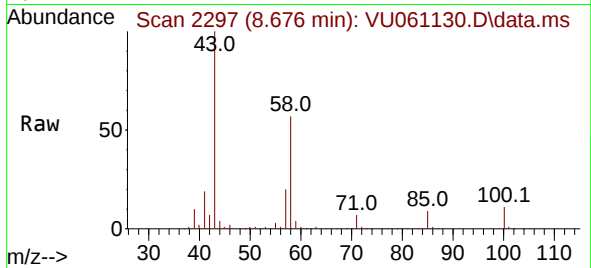




#48
2-Hexanone
Concen: 51.484 ug/L
RT: 8.676 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061130.D
Acq: 14 Oct 2024 12:36

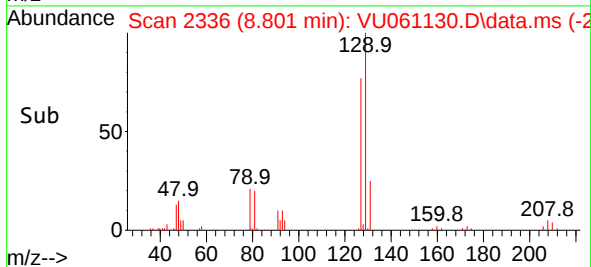
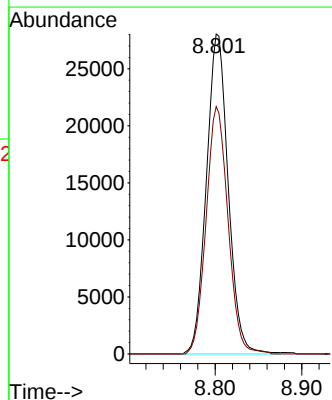
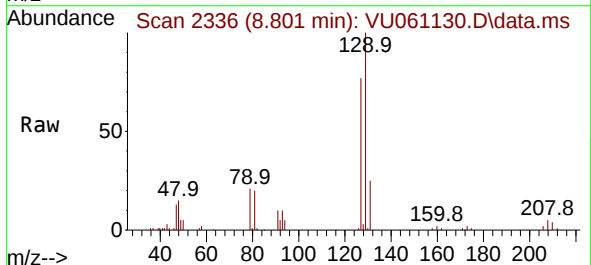
Instrument :
MSVOA_U
ClientSampleId :

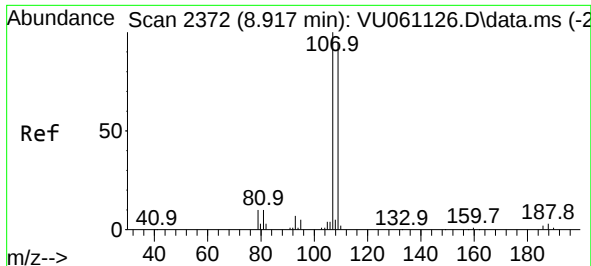
Tgt Ion: 43 Resp: 274058
Ion Ratio Lower Upper
43 100
58 54.7 48.3 72.5
57 19.3 15.9 23.9
100 10.8 9.9 14.9



#49
Dibromochloromethane
Concen: 5.313 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061130.D
Acq: 14 Oct 2024 12:36

Tgt Ion: 129 Resp: 49105
Ion Ratio Lower Upper
129 100
127 77.3 56.1 104.1





#50

1,2-Dibromoethane

Concen: 5.225 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. 0.000 min

Lab File: VU061130.D

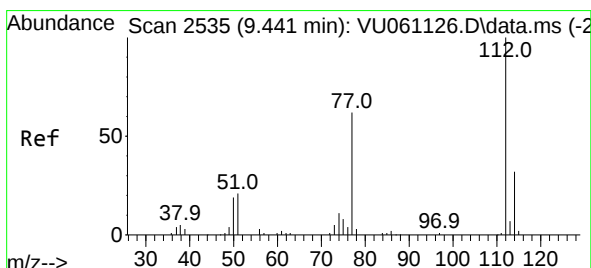
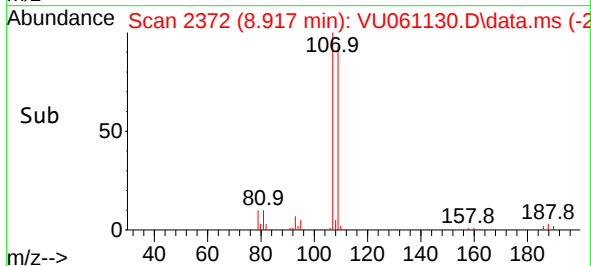
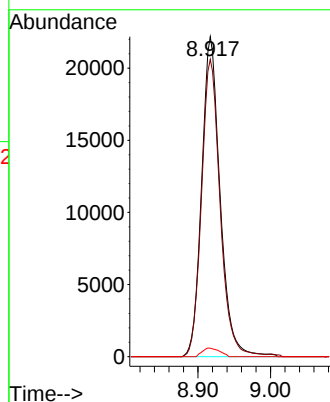
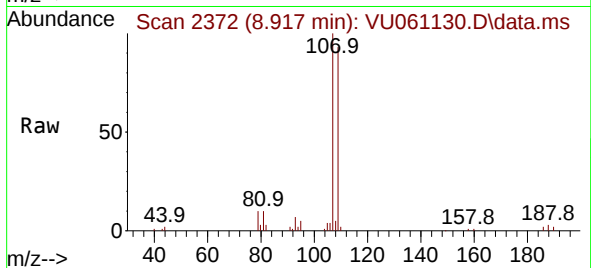
Acq: 14 Oct 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	39296
Ion	Ratio	Lower	Upper
107	100		
109	92.9	66.8	124.0
188	2.7	3.4	5.0#



#51

Chlorobenzene

Concen: 5.230 ug/L

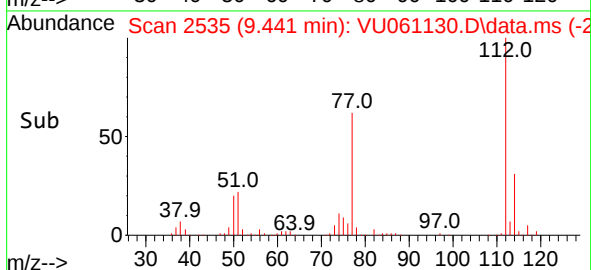
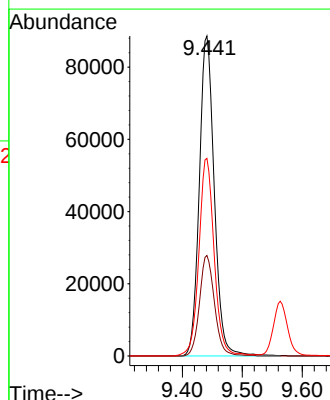
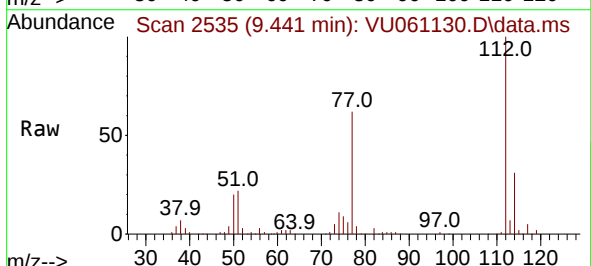
RT: 9.441 min Scan# 2535

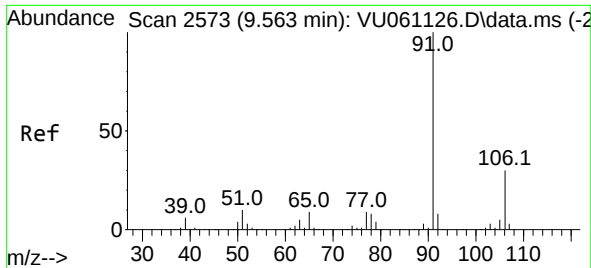
Delta R.T. 0.000 min

Lab File: VU061130.D

Acq: 14 Oct 2024 12:36

Tgt Ion:	112	Resp:	154391
Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.2	41.2
77	61.8	46.1	69.1

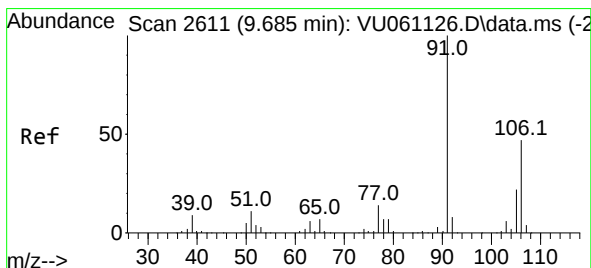
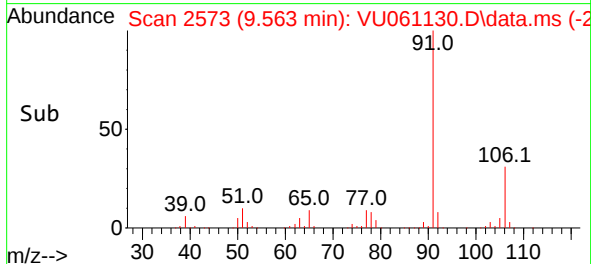
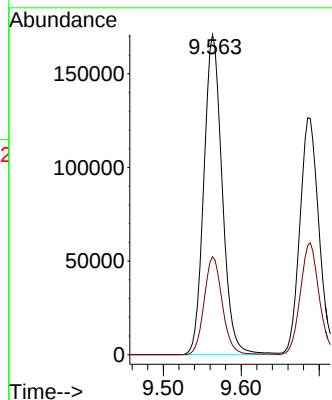
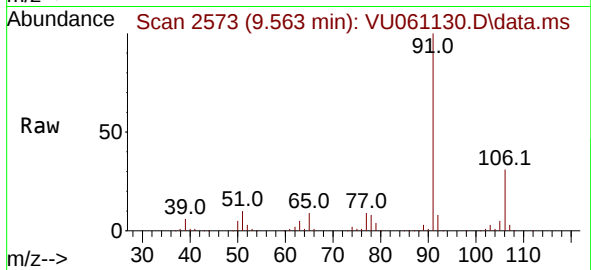




#52
Ethylbenzene
Concen: 5.089 ug/L
RT: 9.563 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061130.D
Acq: 14 Oct 2024 12:36

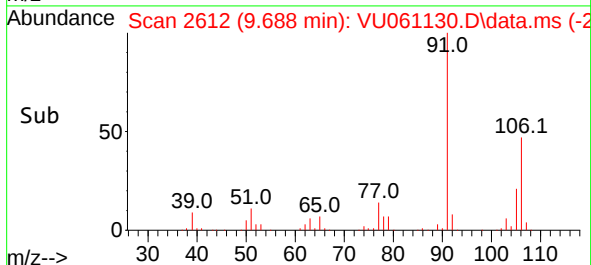
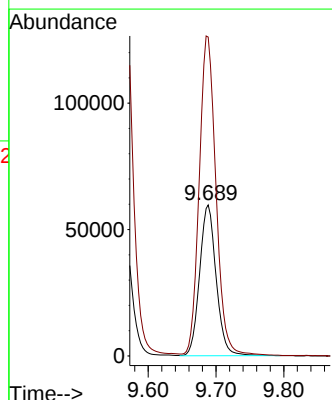
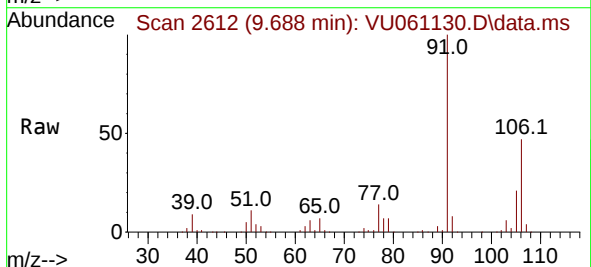
Instrument :
MSVOA_U
ClientSampleId :

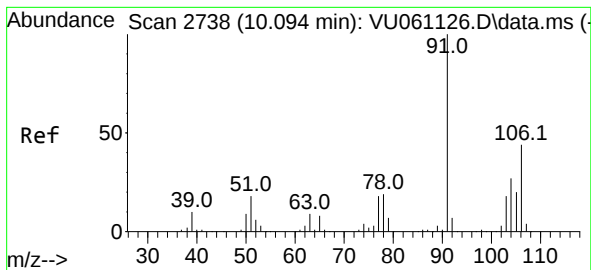
Tgt Ion: 91 Resp: 279459
Ion Ratio Lower Upper
91 100
106 30.6 21.8 40.6



#53
m,p-Xylene
Concen: 5.053 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU061130.D
Acq: 14 Oct 2024 12:36

Tgt Ion: 106 Resp: 101214
Ion Ratio Lower Upper
106 100
91 211.0 139.7 259.4





#54

o-Xylene

Concen: 5.163 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU061130.D

Acq: 14 Oct 2024 12:36

Instrument :

MSVOA_U

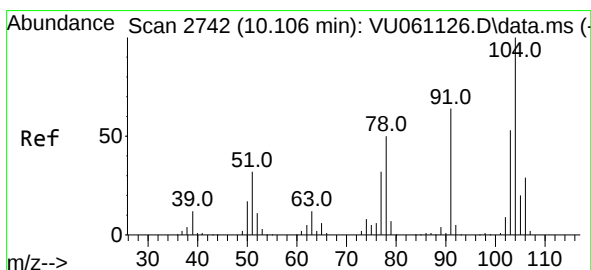
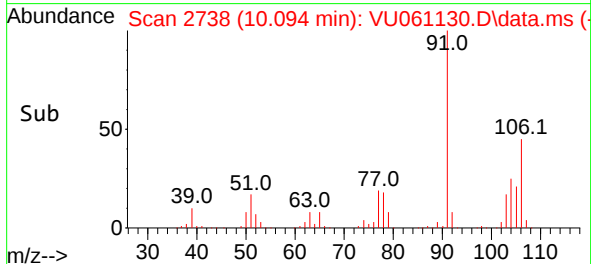
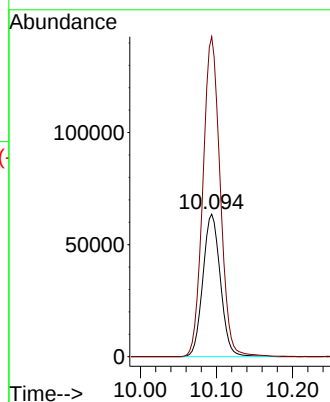
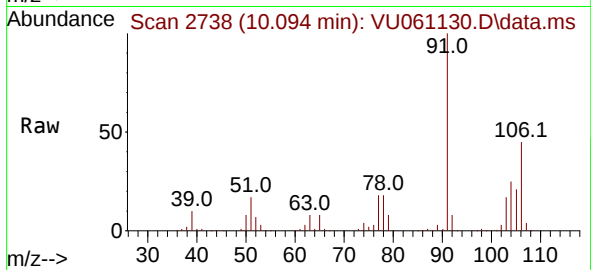
ClientSampleId :

Tgt Ion:106 Resp: 101753

Ion Ratio Lower Upper

106 100

91 224.5 148.6 276.0



#55

Styrene

Concen: 5.053 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU061130.D

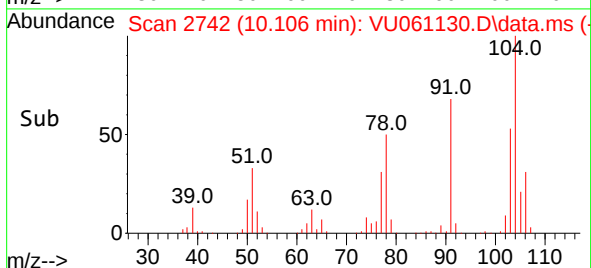
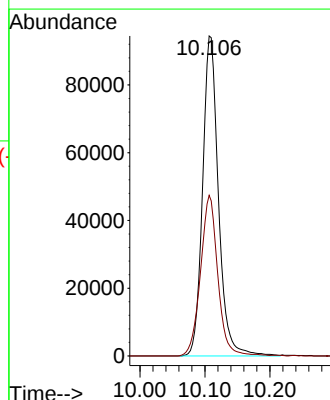
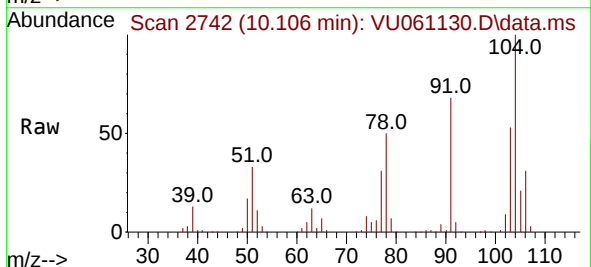
Acq: 14 Oct 2024 12:36

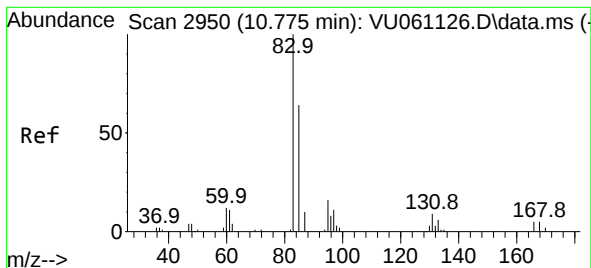
Tgt Ion:104 Resp: 160742

Ion Ratio Lower Upper

104 100

78 50.2 31.7 58.9

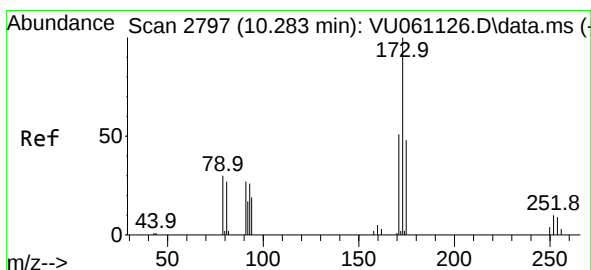
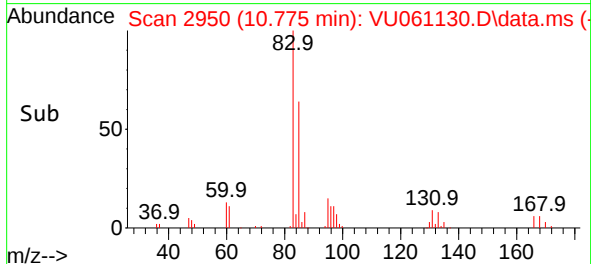
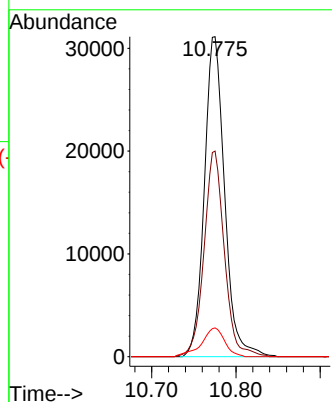
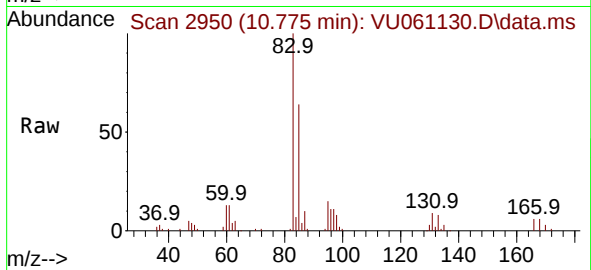




#57
1,1,2,2-Tetrachloroethane
Concen: 5.216 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU061130.D
Acq: 14 Oct 2024 12:36

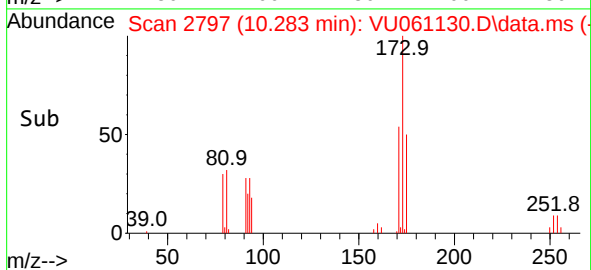
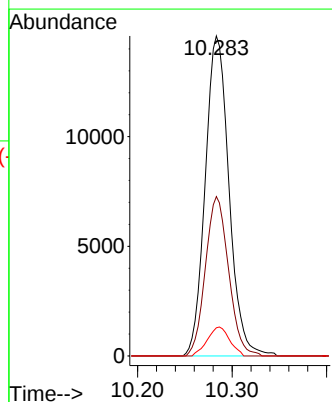
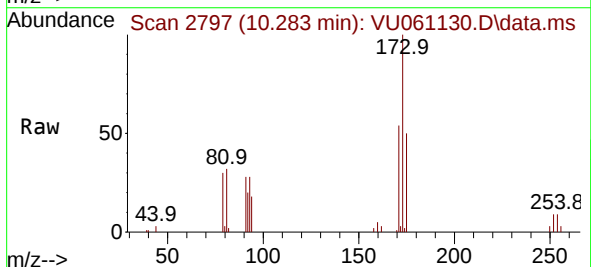
Instrument :
MSVOA_U
ClientSampleId :

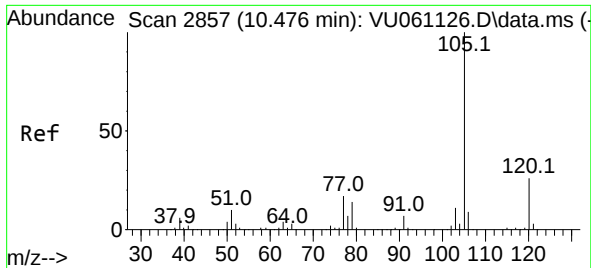
Tgt Ion:	83	Resp:	52069
Ion Ratio	Lower	Upper	
83	100		
85	64.2	42.9	79.7
131	9.0	8.4	12.6



#59
Bromoform
Concen: 5.091 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU061130.D
Acq: 14 Oct 2024 12:36

Tgt Ion:	173	Resp:	25473
Ion Ratio	Lower	Upper	
173	100		
175	48.5	39.1	58.7
254	8.5	8.7	13.1

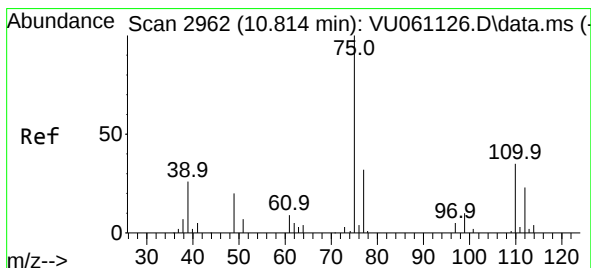
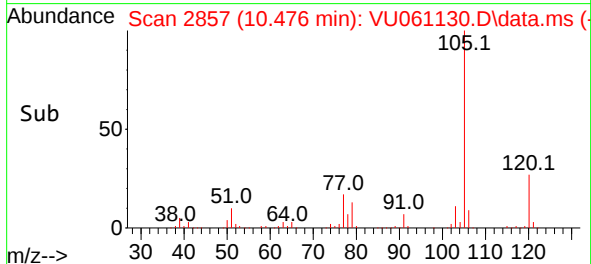
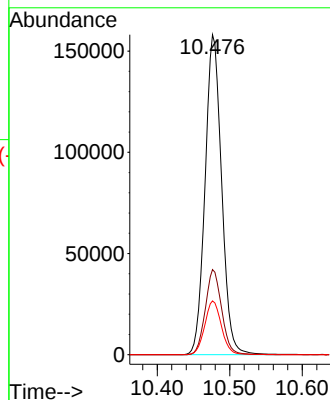
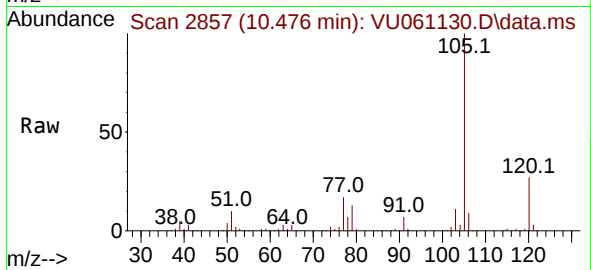




#60
Isopropylbenzene
Concen: 5.143 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU061130.D
Acq: 14 Oct 2024 12:36

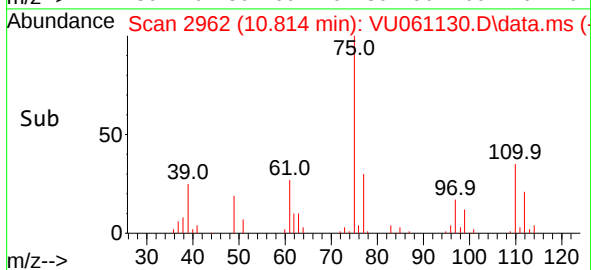
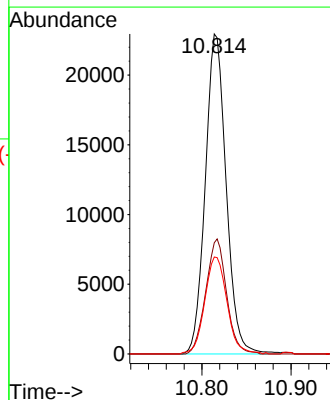
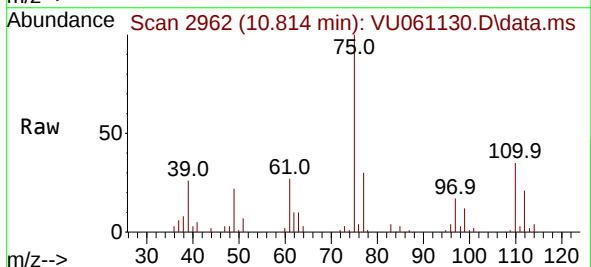
Instrument :
MSVOA_U
ClientSampleId :

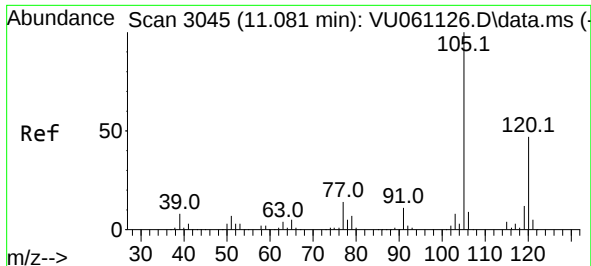
Tgt Ion:105 Resp: 250721
Ion Ratio Lower Upper
105 100
120 26.2 21.5 32.3
77 17.0 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 5.228 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU061130.D
Acq: 14 Oct 2024 12:36

Tgt Ion: 75 Resp: 37437
Ion Ratio Lower Upper
75 100
110 35.7 28.6 43.0
77 32.2 26.3 39.5





#62

1,3,5-Trimethylbenzene

Concen: 5.058 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU061130.D

Acq: 14 Oct 2024 12:36

Instrument :

MSVOA_U

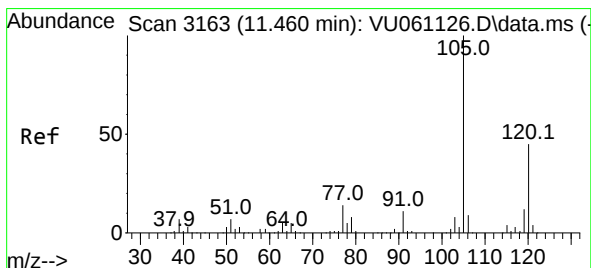
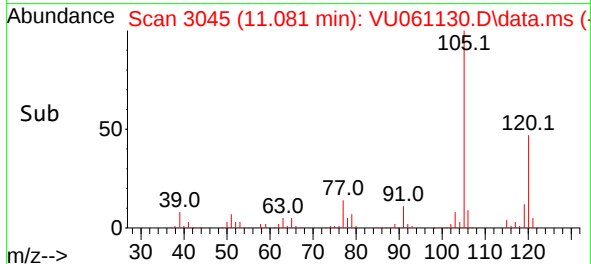
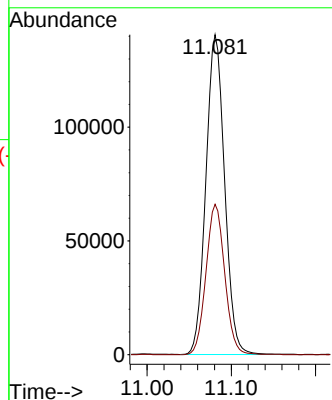
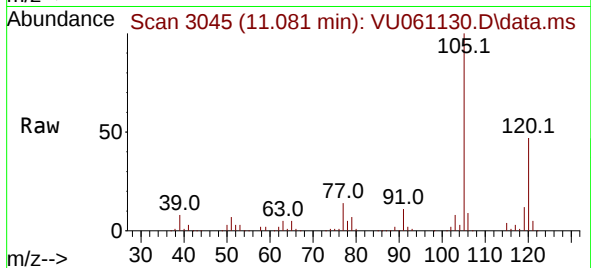
ClientSampleId :

Tgt Ion:105 Resp: 217297

Ion Ratio Lower Upper

105 100

120 47.2 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 5.038 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU061130.D

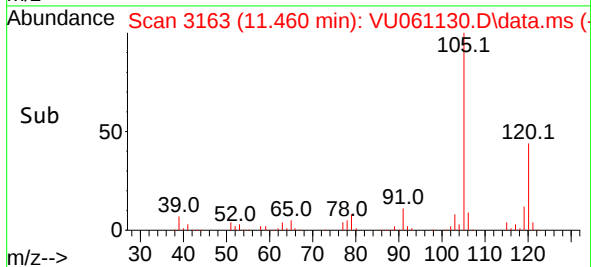
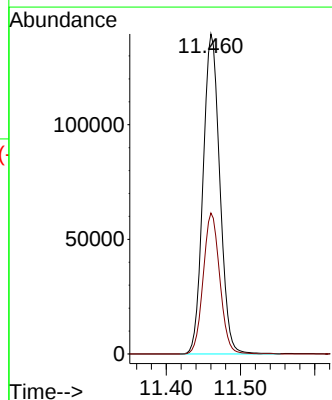
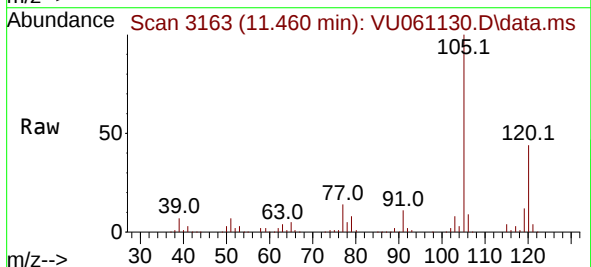
Acq: 14 Oct 2024 12:36

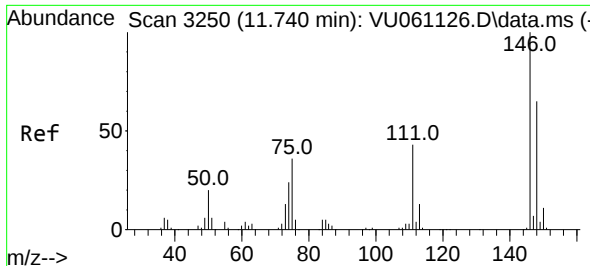
Tgt Ion:105 Resp: 218497

Ion Ratio Lower Upper

105 100

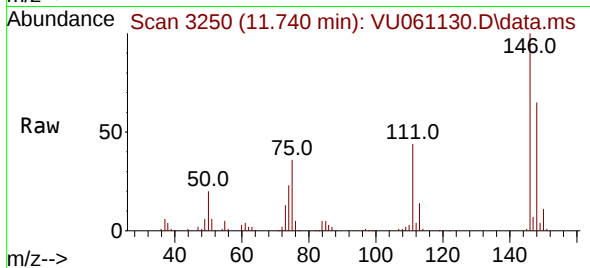
120 43.5 36.1 54.1



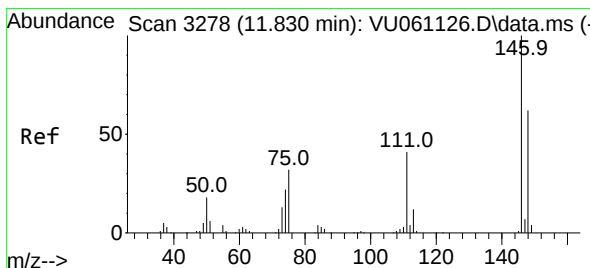
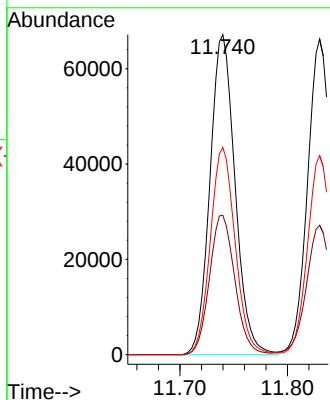
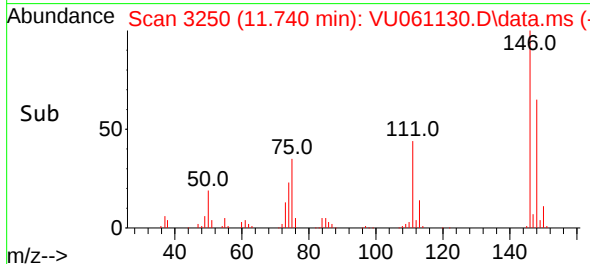


#64
1,3-Dichlorobenzene
Concen: 5.207 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU061130.D
Acq: 14 Oct 2024 12:36

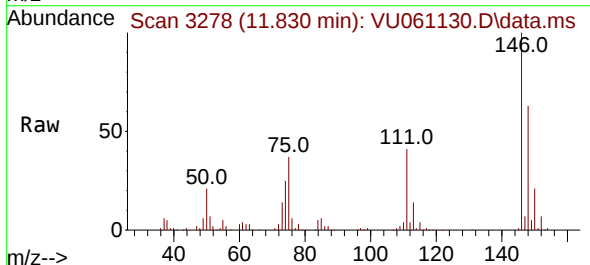
Instrument :
MSVOA_U
ClientSampleId :



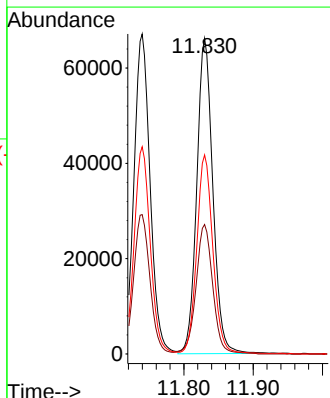
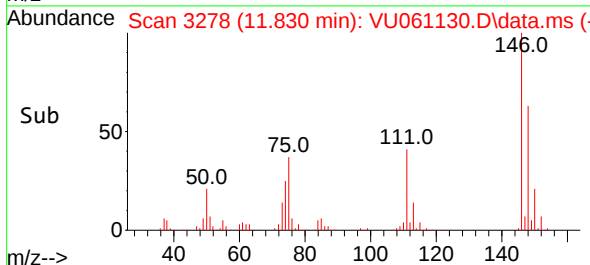
Tgt Ion:146 Resp: 108819
Ion Ratio Lower Upper
146 100
111 43.5 27.5 51.1
148 64.8 43.7 81.1

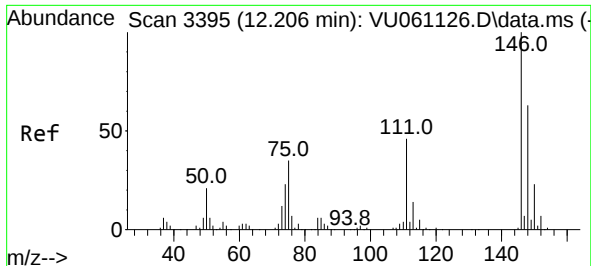


#65
1,4-Dichlorobenzene
Concen: 5.168 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU061130.D
Acq: 14 Oct 2024 12:36



Tgt Ion:146 Resp: 106763
Ion Ratio Lower Upper
146 100
111 41.0 26.3 48.9
148 63.1 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.214 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU061130.D

Acq: 14 Oct 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :

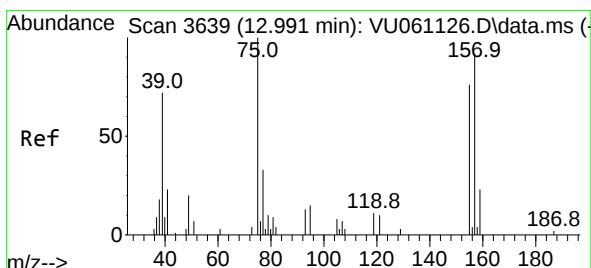
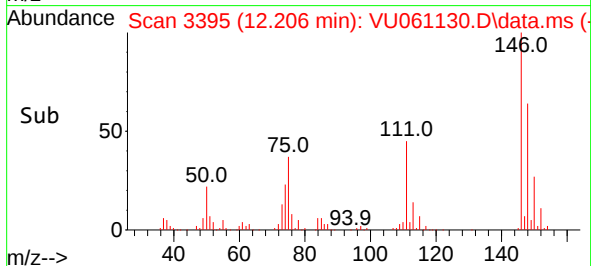
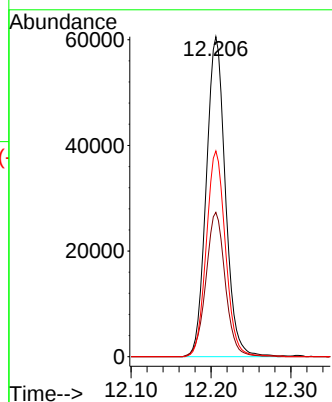
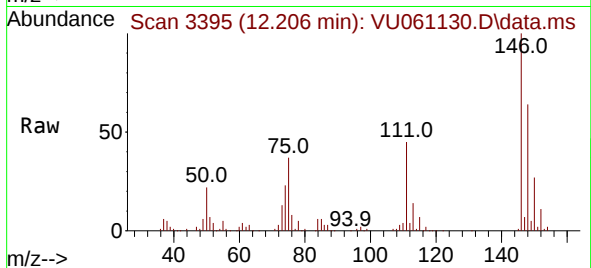
Tgt Ion:146 Resp: 100700

Ion Ratio Lower Upper

146 100

111 45.1 33.4 50.0

148 64.3 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 5.090 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU061130.D

Acq: 14 Oct 2024 12:36

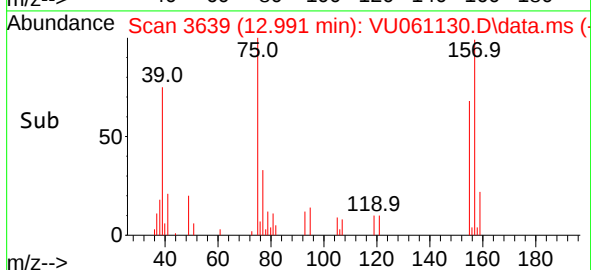
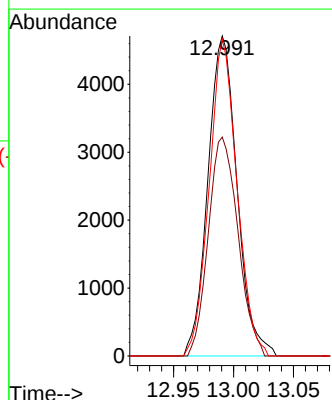
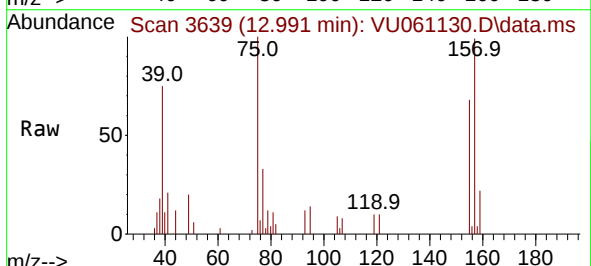
Tgt Ion: 75 Resp: 7950

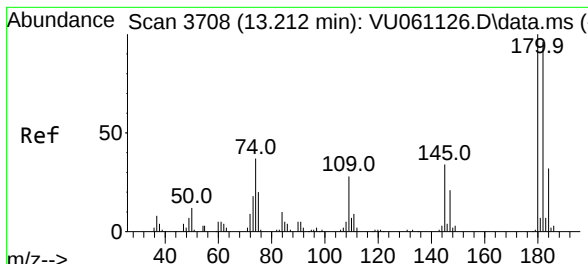
Ion Ratio Lower Upper

75 100

155 68.4 73.1 109.7#

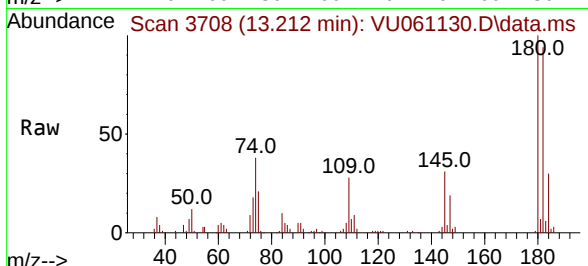
157 99.0 91.0 136.4



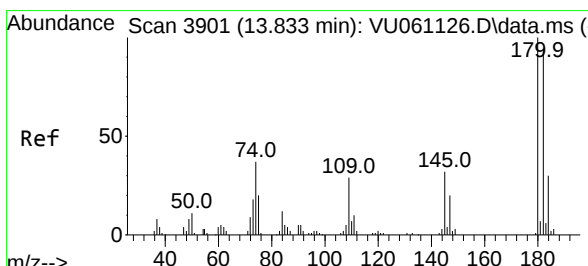
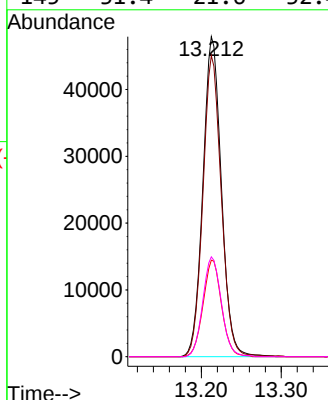
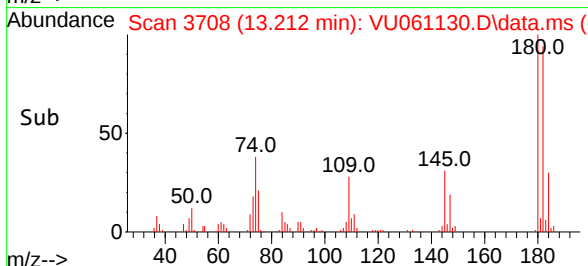


#69
 1,3,5-Trichlorobenzene
 Concen: 5.228 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU061130.D
 Acq: 14 Oct 2024 12:36

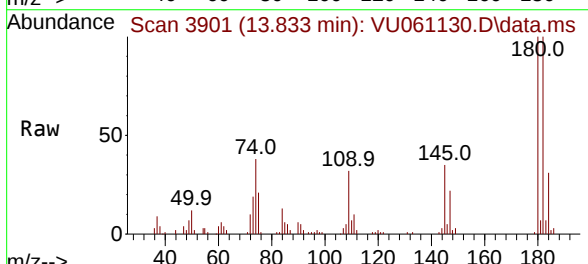
Instrument :
 MSVOA_U
 ClientSampleId :



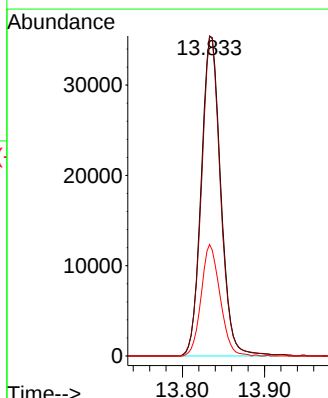
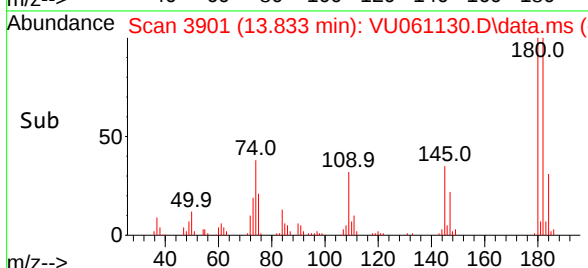
Tgt Ion:180	Resp:	76923
Ion Ratio	Lower	Upper
180	100	
182	93.7	74.5 111.7
184	30.3	23.2 34.8
145	31.4	21.6 32.4

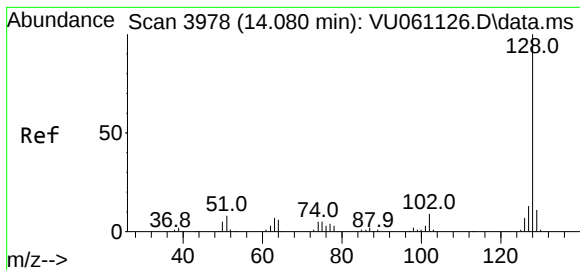


#70
 1,2,4-trichlorobenzene
 Concen: 5.217 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. 0.000 min
 Lab File: VU061130.D
 Acq: 14 Oct 2024 12:36



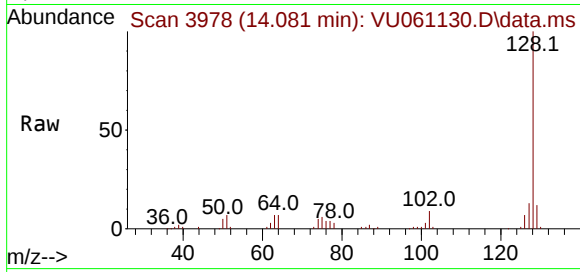
Tgt Ion:180	Resp:	58823
Ion Ratio	Lower	Upper
180	100	
182	97.3	77.4 116.2
145	33.5	22.9 34.3



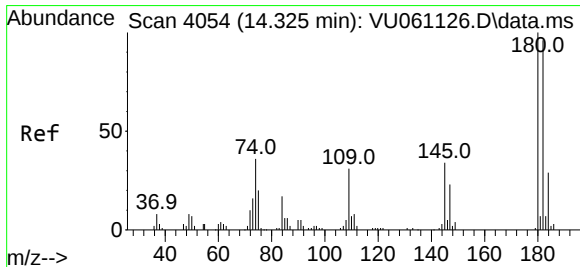
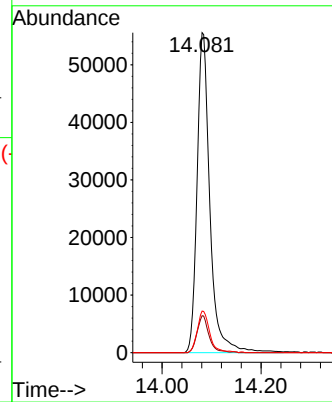
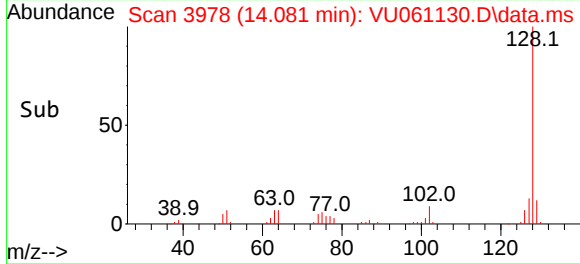


#71
Naphthalene
Concen: 5.442 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU061130.D
Acq: 14 Oct 2024 12:36

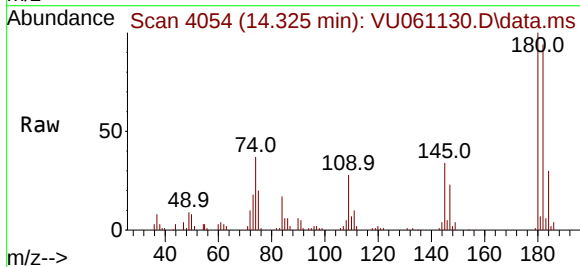
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 100236
Ion Ratio Lower Upper
128 100
129 10.6 8.3 12.5
127 12.7 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 5.177 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU061130.D
Acq: 14 Oct 2024 12:36



Tgt Ion:180 Resp: 48575
Ion Ratio Lower Upper
180 100
182 94.6 75.7 113.5
145 34.6 23.5 35.3

