

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101124\
 Data File : VU061124.D
 Acq On : 11 Oct 2024 17:30
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 14 04:20:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 11 06:46:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	153850	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	142319	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	67386	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	43832	3.985	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.907	69	40492	4.918	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.560	65	20802	4.287	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	4.621	46	151082	57.341	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.680%
24) Chloroform-d	5.052	84	103848	5.357	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.200%
26) 1,2-Dichloroethane-d4	5.692	65	54115	5.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.718	84	194333	5.179	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	6.682	67	65686	5.330	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.891	98	176892	5.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	8.174	79	26199	4.972	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.624	63	132884	60.928	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.860%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	53052	5.870	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	61788	5.734	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	35978	4.798	ug/L	99
3) Chloromethane	1.518	50	50052	4.622	ug/L	96
5) Vinyl chloride	1.599	62	54058	4.972	ug/L	98
6) Bromomethane	1.853	94	19541	3.370	ug/L	91
8) Chloroethane	1.927	64	36323	5.508	ug/L	100
9) Trichlorofluoromethane	2.133	101	76747	5.494	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	49252	5.338	ug/L	97
12) 1,1-Dichloroethene	2.573	96	47738	5.373	ug/L	93
13) Acetone	2.634	43	83706	49.399	ug/L	97
14) Carbon disulfide	2.785	76	153163	5.073	ug/L	99
15) Methyl Acetate	2.949	43	21439	5.196	ug/L	98
16) Methylene chloride	3.036	84	54006	5.295	ug/L	89
17) Methyl tert-butyl Ether	3.354	73	133816	5.264	ug/L	# 96
18) trans-1,2-Dichloroethene	3.345	96	50899	5.227	ug/L	91
19) 1,1-Dichloroethane	3.859	63	99755	5.264	ug/L	99
21) 2-Butanone	4.698	43	144092	51.654	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	59558	5.491	ug/L	98
23) Bromochloromethane	4.965	128	24875	5.698	ug/L	95
25) Chloroform	5.078	83	102955	5.423	ug/L	97

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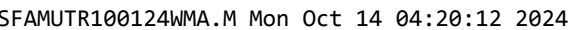
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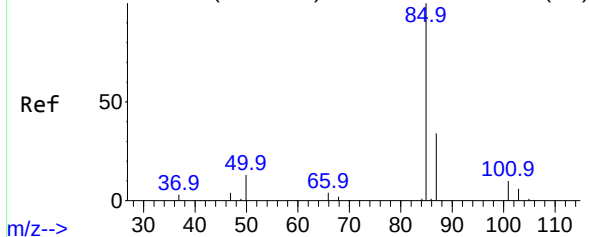
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	65642	5.250	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	86514	5.253	ug/L	96
30) Cyclohexane	5.380	56	91008	4.960	ug/L	97
31) Carbon tetrachloride	5.515	117	75617	5.410	ug/L	100
33) Benzene	5.766	78	228783	5.453	ug/L	100
34) Trichloroethene	6.534	95	58839	5.174	ug/L	97
35) Methylcyclohexane	6.753	83	93119	5.070	ug/L	99
37) 1,2-Dichloropropane	6.782	63	60626	5.483	ug/L #	98
38) Bromodichloromethane	7.097	83	73745	5.335	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	89625	5.170	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	370137	52.267	ug/L	96
42) Toluene	7.962	91	242276	5.421	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	74291	5.182	ug/L	98
45) 1,1,2-Trichloroethane	8.390	97	39661	5.413	ug/L	97
47) Tetrachloroethene	8.544	164	41050	5.546	ug/L	96
48) 2-Hexanone	8.676	43	267156	54.413	ug/L	95
49) Dibromochloromethane	8.801	129	47576	5.580	ug/L	99
50) 1,2-Dibromoethane	8.914	107	38184	5.505	ug/L #	98
51) Chlorobenzene	9.438	112	148592	5.458	ug/L	95
52) Ethylbenzene	9.563	91	268845	5.308	ug/L	99
53) m,p-Xylene	9.685	106	98593	5.336	ug/L	93
54) o-Xylene	10.090	106	98043	5.393	ug/L	90
55) Styrene	10.107	104	157217	5.359	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	51173	5.558	ug/L	97
59) Bromoform	10.283	173	25319	5.474	ug/L #	98
60) Isopropylbenzene	10.476	105	244599	5.427	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	36158	5.462	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	210946	5.311	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	211097	5.266	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	107091	5.544	ug/L	96
65) 1,4-Dichlorobenzene	11.827	146	104206	5.457	ug/L	96
67) 1,2-Dichlorobenzene	12.203	146	99950	5.598	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	7666	5.310	ug/L	86
69) 1,3,5-Trichlorobenzene	13.212	180	75426	5.545	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	61033	5.855	ug/L	98
71) Naphthalene	14.081	128	120115	7.054	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	52299	6.029	ug/L	98

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

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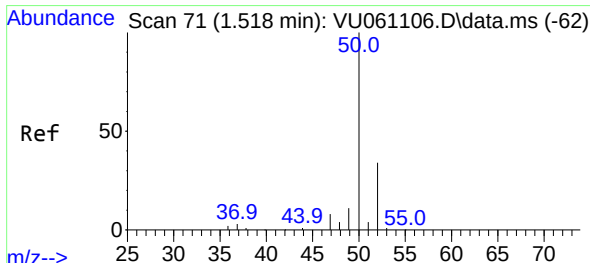
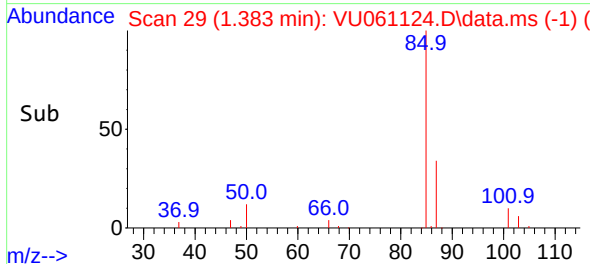
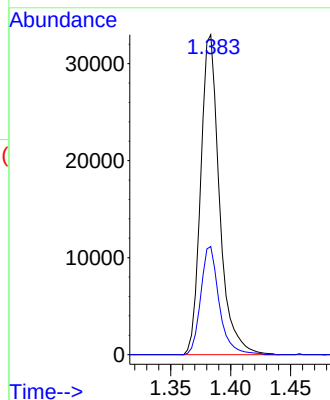
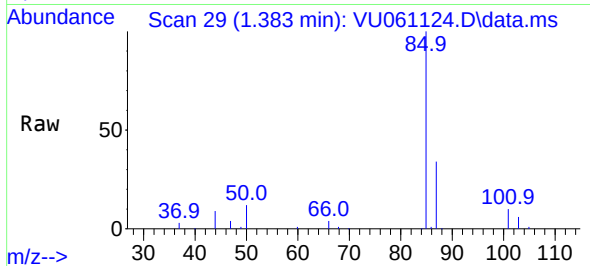
Abundance Scan 29 (1.383 min): VU061106.D\data.ms (-21)



#2
Dichlorodifluoromethane
Concen: 4.798 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

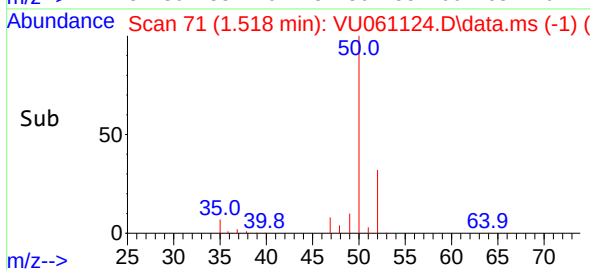
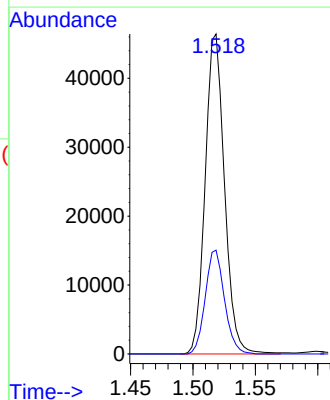
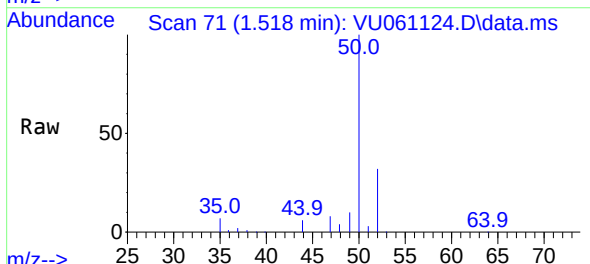
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 85 Resp: 35978
Ion Ratio Lower Upper
85 100
87 33.3 26.2 39.2

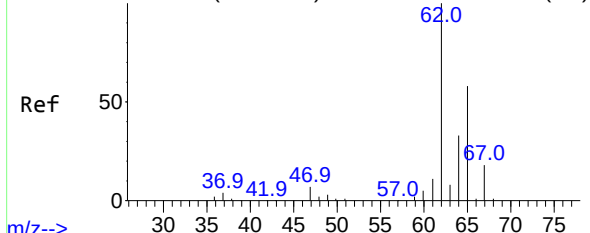


#3
Chloromethane
Concen: 4.622 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

Tgt Ion: 50 Resp: 50052
Ion Ratio Lower Upper
50 100
52 32.5 24.4 45.4



Abundance Scan 97 (1.602 min): VU061106.D\data.ms (-88)



#5

Vinyl chloride

Concen: 4.972 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.003 min

Lab File: VU061124.D

Acq: 11 Oct 2024 17:30

Instrument :

MSVOA_U

ClientSampleId :

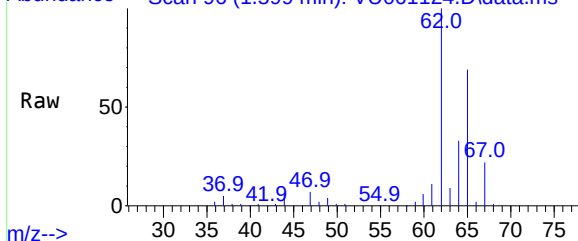
Tgt Ion: 62 Resp: 54058

Ion Ratio Lower Upper

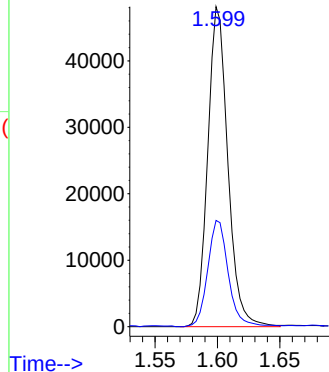
62 100

64 33.2 24.0 44.6

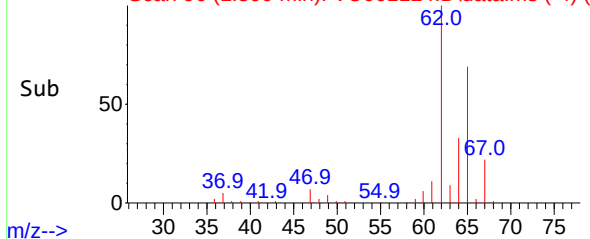
Abundance Scan 96 (1.599 min): VU061124.D\data.ms



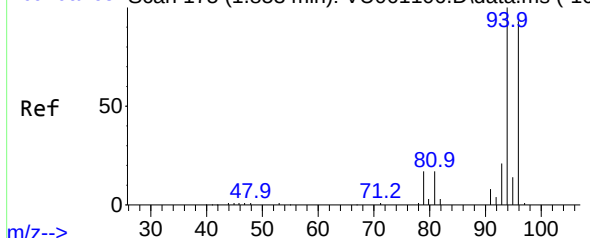
Abundance



Abundance Scan 96 (1.599 min): VU061124.D\data.ms (-4)



Abundance Scan 175 (1.853 min): VU061106.D\data.ms (-16)



#6

Bromomethane

Concen: 3.370 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU061124.D

Acq: 11 Oct 2024 17:30

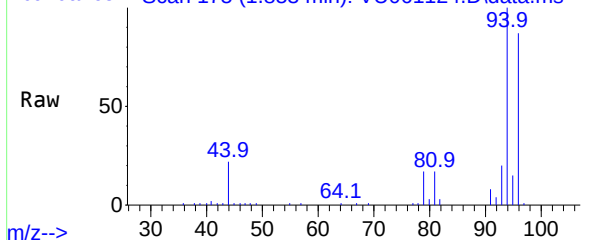
Tgt Ion: 94 Resp: 19541

Ion Ratio Lower Upper

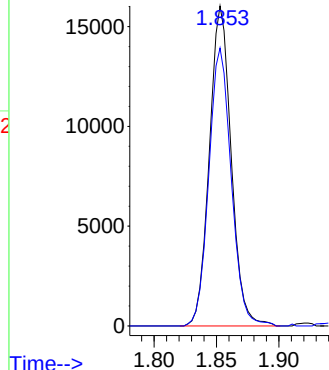
94 100

96 86.9 67.3 124.9

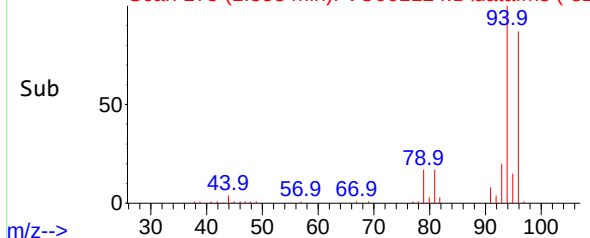
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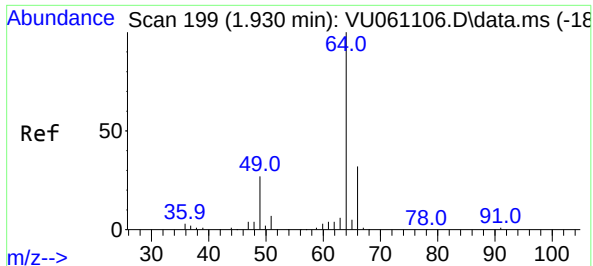


Abundance



Abundance Scan 175 (1.853 min): VU061124.D\data.ms (-82)

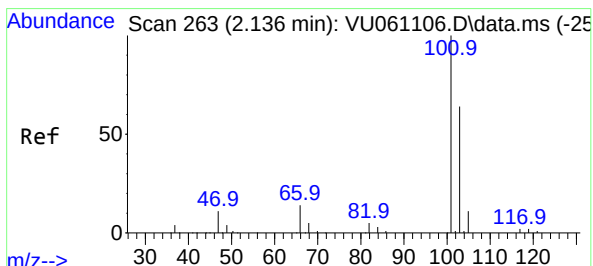
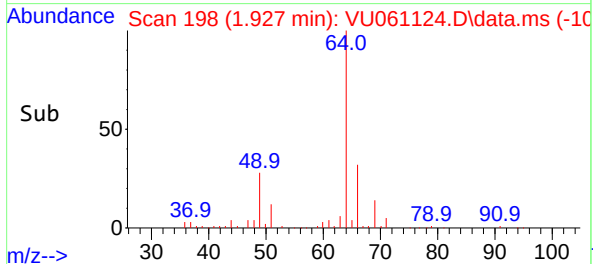
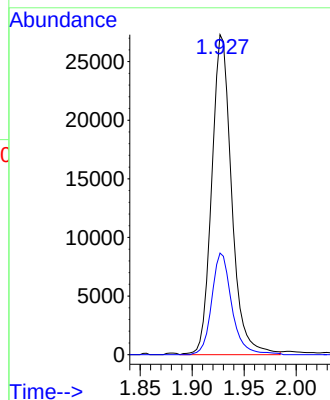
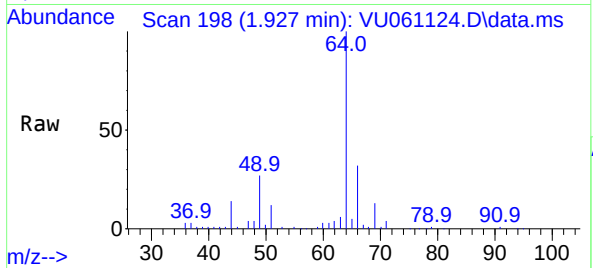




#8
Chloroethane
Concen: 5.508 ug/L
RT: 1.927 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

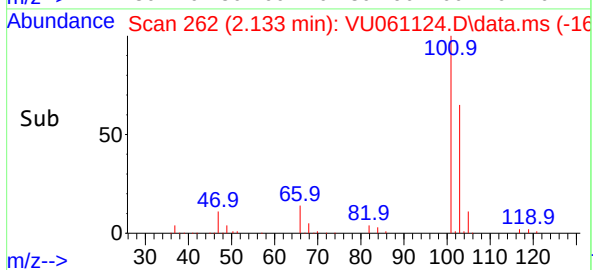
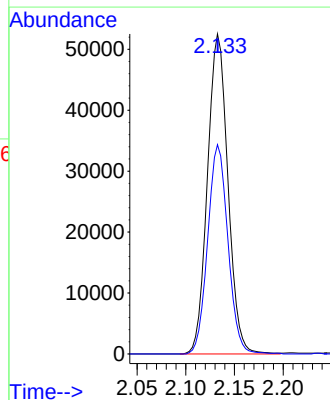
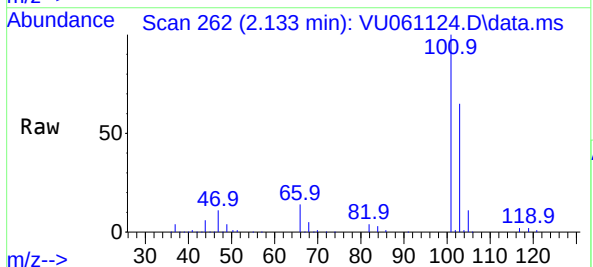
Instrument :
MSVOA_U
ClientSampleId :

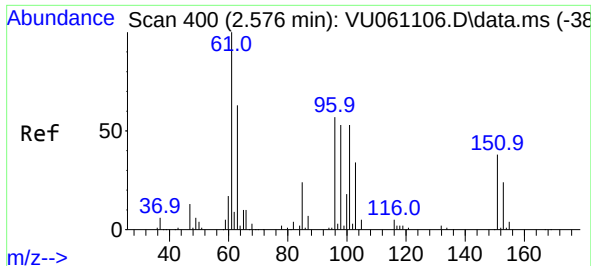
Tgt Ion: 64 Resp: 36323
Ion Ratio Lower Upper
64 100
66 31.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 5.494 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

Tgt Ion:101 Resp: 76747
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

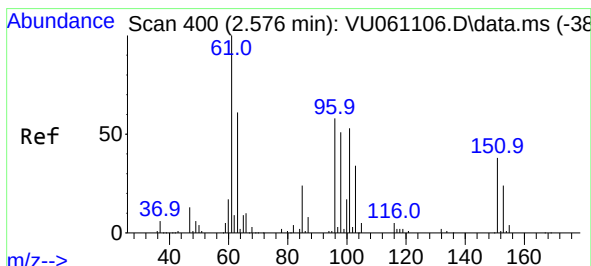
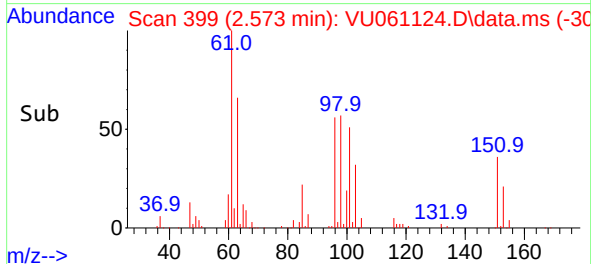
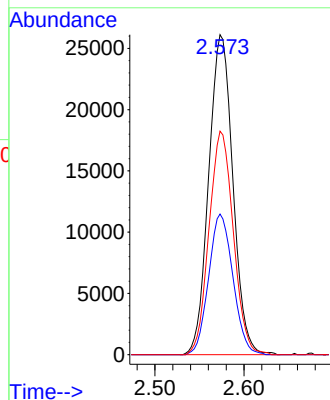
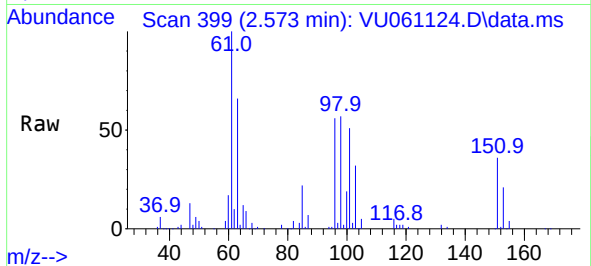




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.338 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

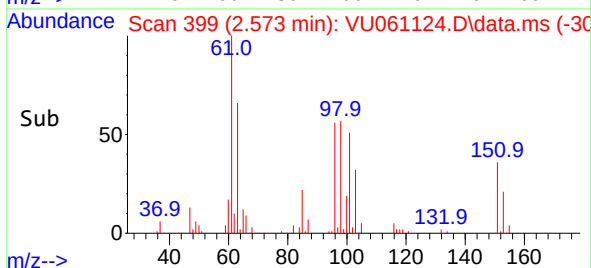
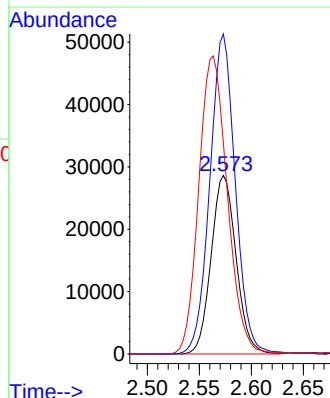
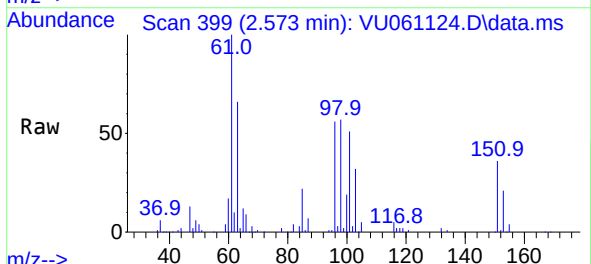
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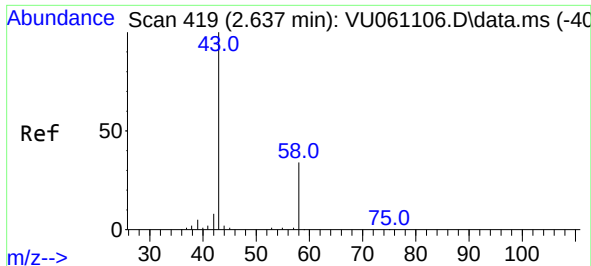
Tgt Ion:101 Resp: 49252
Ion Ratio Lower Upper
101 100
85 44.1 34.2 51.4
151 70.3 58.6 88.0



#12
1,1-Dichloroethene
Concen: 5.373 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

Tgt Ion: 96 Resp: 47738
Ion Ratio Lower Upper
96 100
61 179.3 120.7 224.1
63 117.9 90.0 167.2





#13

Acetone

Concen: 49.399 ug/L

RT: 2.634 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU061124.D

Acq: 11 Oct 2024 17:30

Instrument :

MSVOA_U

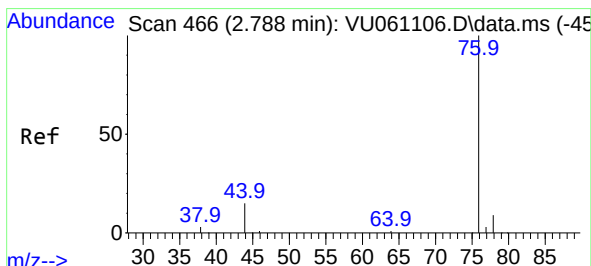
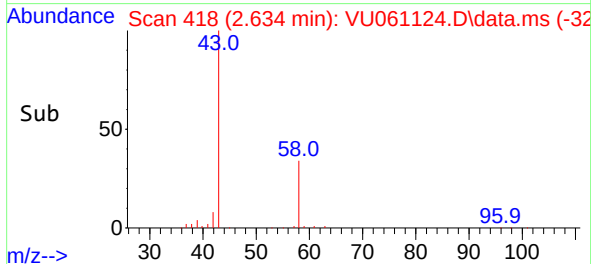
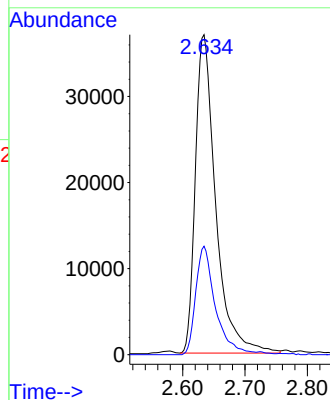
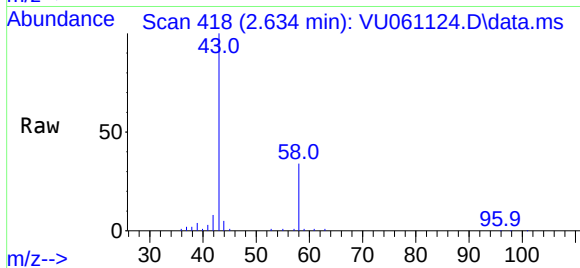
ClientSampleId :

Tgt Ion: 43 Resp: 83706

Ion Ratio Lower Upper

43 100

58 32.8 0.0 69.6



#14

Carbon disulfide

Concen: 5.073 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU061124.D

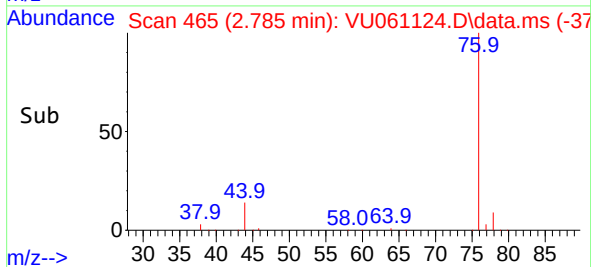
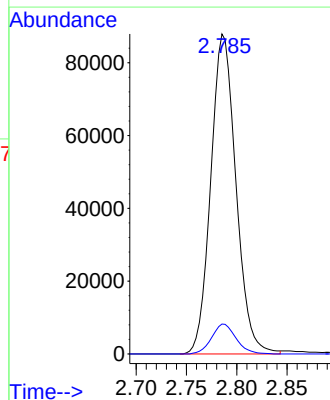
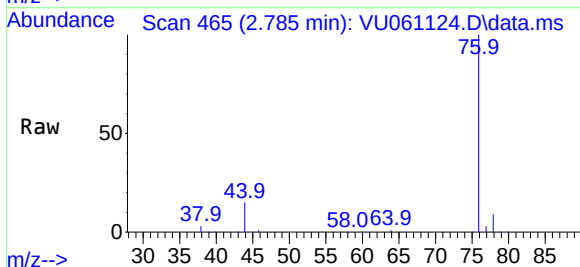
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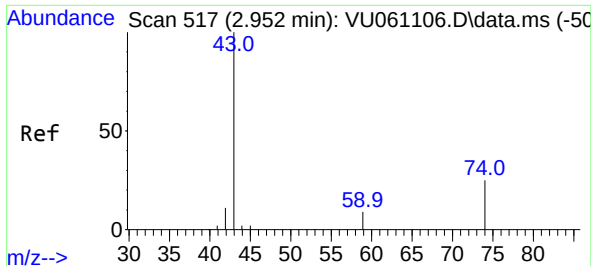
Tgt Ion: 76 Resp: 153163

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

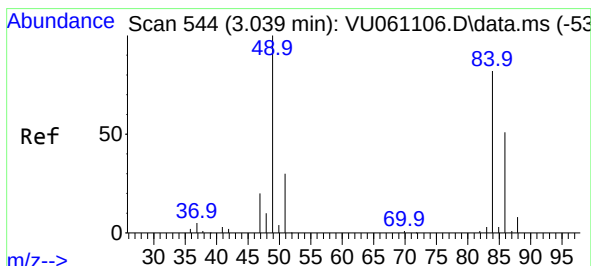
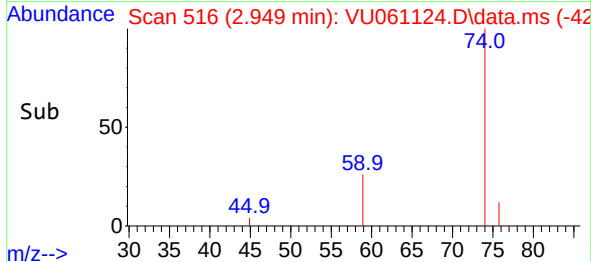
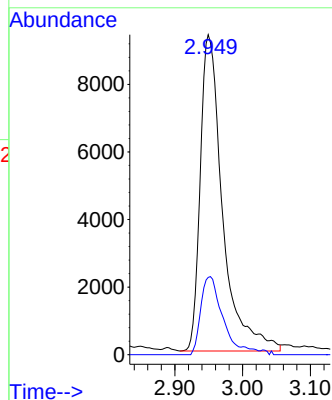
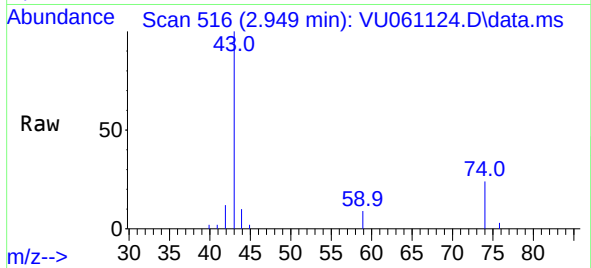




#15
Methyl Acetate
Concen: 5.196 ug/L
RT: 2.949 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

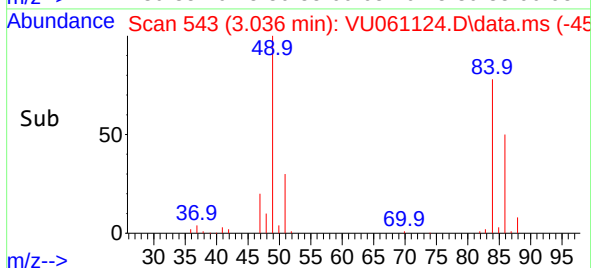
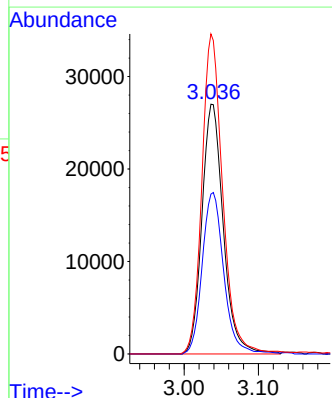
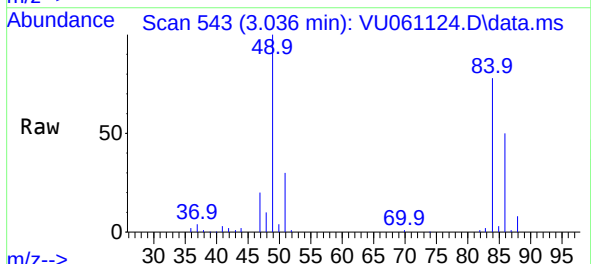
Instrument :
MSVOA_U
ClientSampleId :

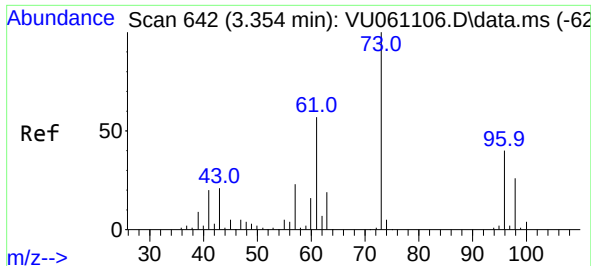
Tgt Ion: 43 Resp: 21439
Ion Ratio Lower Upper
43 100
74 24.4 18.9 28.3



#16
Methylene chloride
Concen: 5.295 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

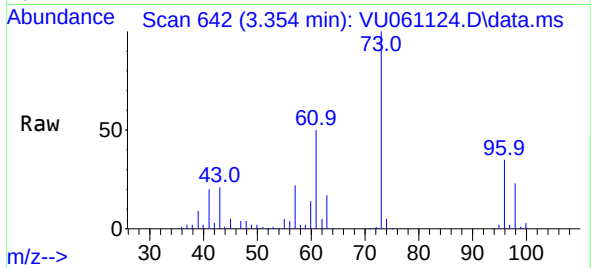
Tgt Ion: 84 Resp: 54006
Ion Ratio Lower Upper
84 100
86 64.0 47.3 87.8
49 128.1 78.7 146.1



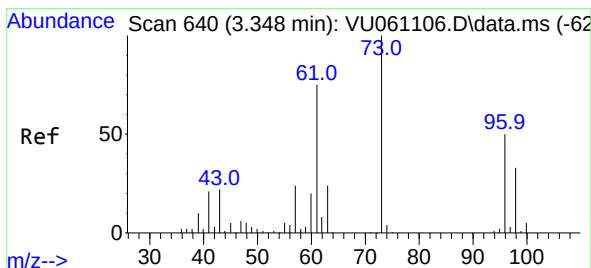
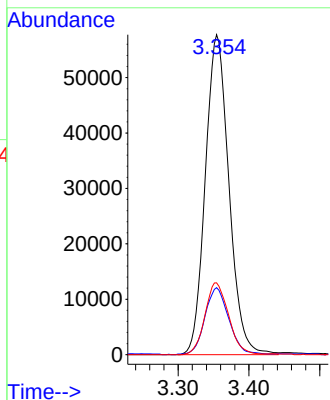
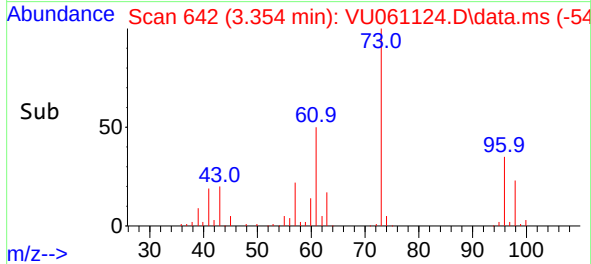


#17
Methyl tert-butyl Ether
Concen: 5.264 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

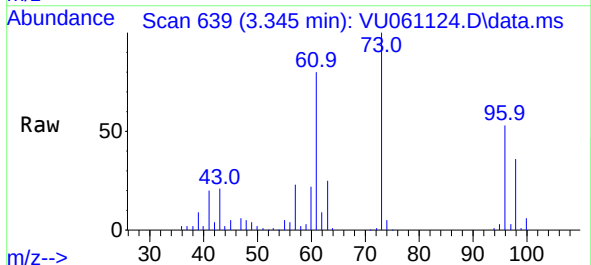
Instrument :
MSVOA_U
ClientSampleId :



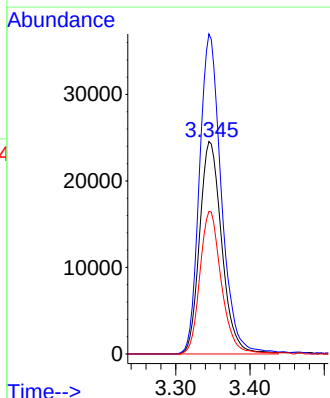
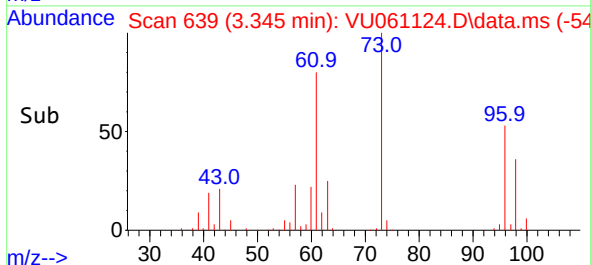
Tgt Ion: 73 Resp: 133816
Ion Ratio Lower Upper
73 100
43 21.3 13.8 20.8#
57 22.5 18.0 27.0

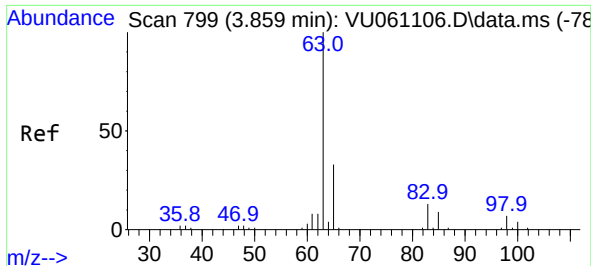


#18
trans-1,2-Dichloroethene
Concen: 5.227 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30



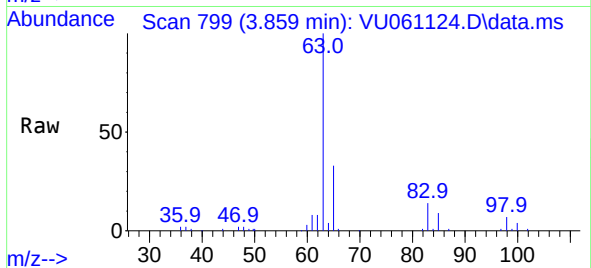
Tgt Ion: 96 Resp: 50899
Ion Ratio Lower Upper
96 100
61 150.6 97.2 180.6
98 67.1 43.3 80.5



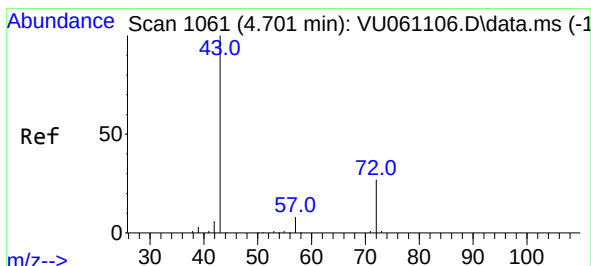
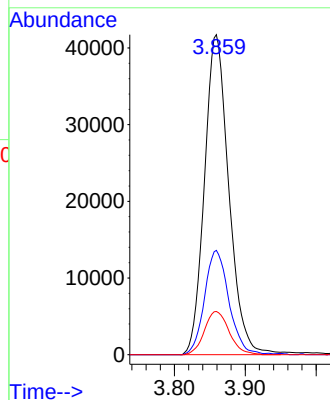
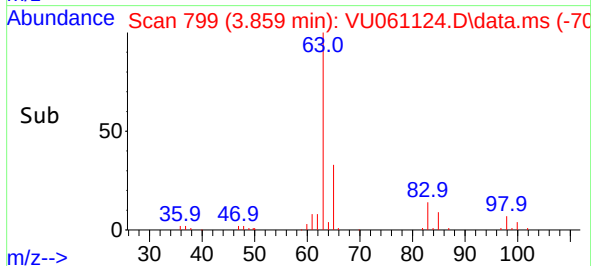


#19
1,1-Dichloroethane
Concen: 5.264 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

Instrument :
MSVOA_U
ClientSampleId :

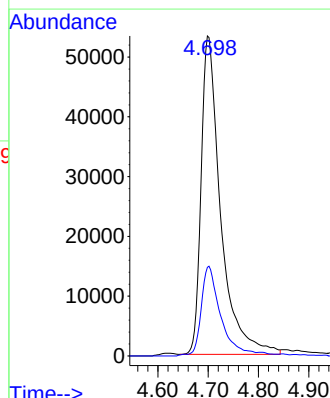
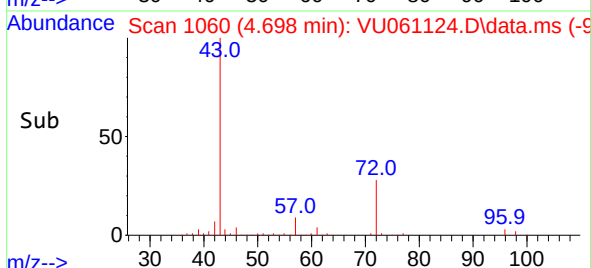
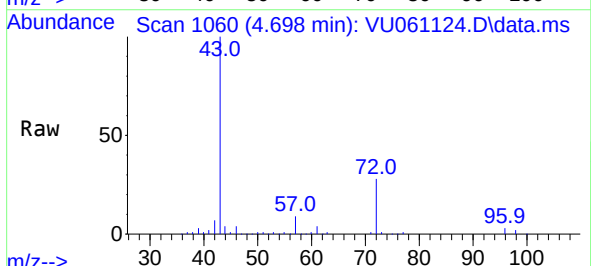


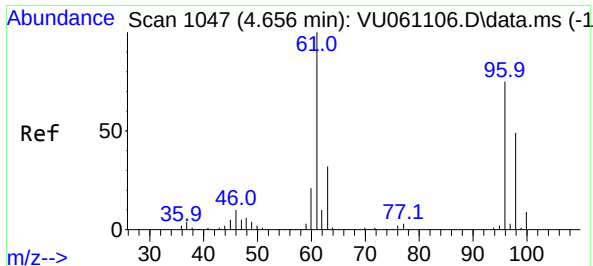
Tgt Ion: 63 Resp: 99755
Ion Ratio Lower Upper
63 100
65 32.6 23.0 42.8
83 13.5 9.0 16.6



#21
2-Butanone
Concen: 51.654 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.003 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

Tgt Ion: 43 Resp: 144092
Ion Ratio Lower Upper
43 100
72 27.9 14.8 44.3

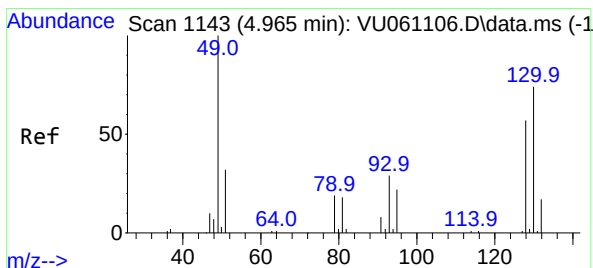
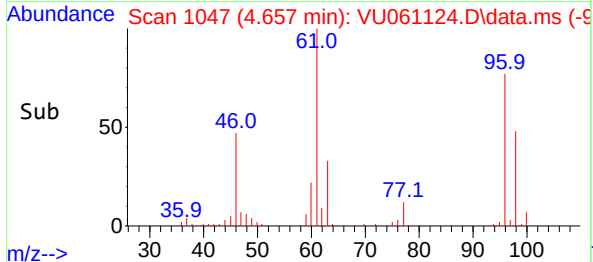
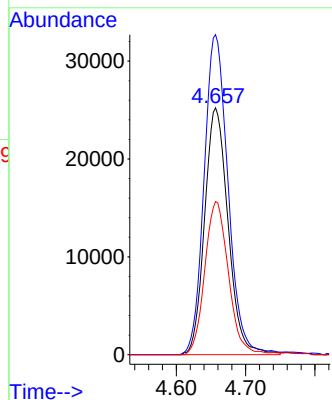
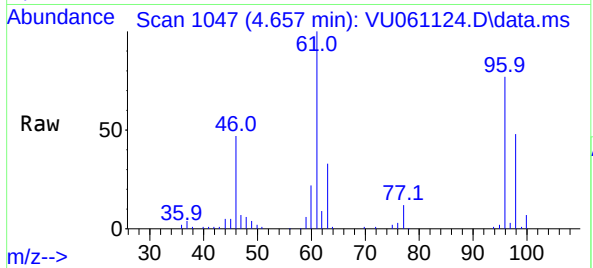




#22
cis-1,2-Dichloroethene
Concen: 5.491 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

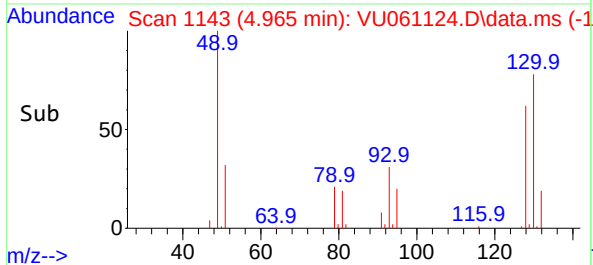
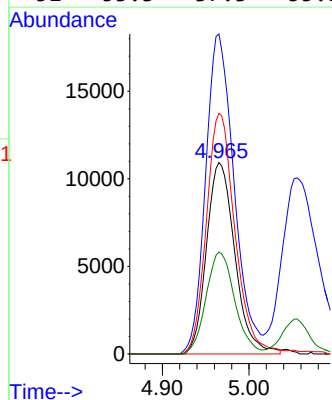
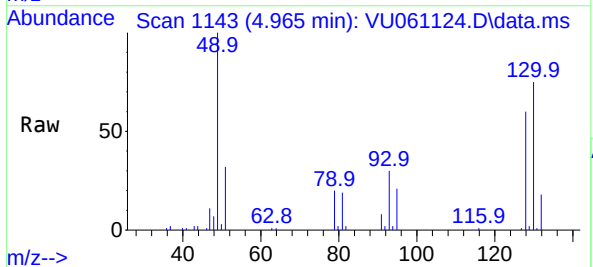
Instrument :
MSVOA_U
ClientSampleId :

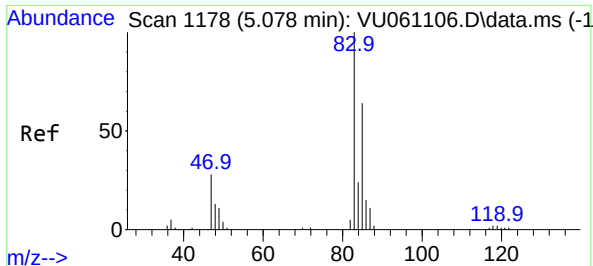
Tgt Ion: 96 Resp: 59558
Ion Ratio Lower Upper
96 100
61 129.7 89.7 166.5
98 62.0 45.1 83.9



#23
Bromochloromethane
Concen: 5.698 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

Tgt Ion:128 Resp: 24875
Ion Ratio Lower Upper
128 100
49 167.2 109.6 203.6
130 125.7 87.8 163.0
51 53.3 37.3 55.9





#25

Chloroform

Concen: 5.423 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061124.D

Acq: 11 Oct 2024 17:30

Instrument :

MSVOA_U

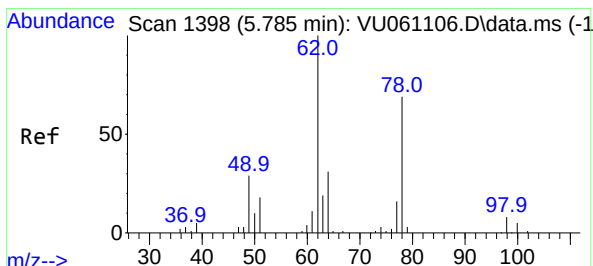
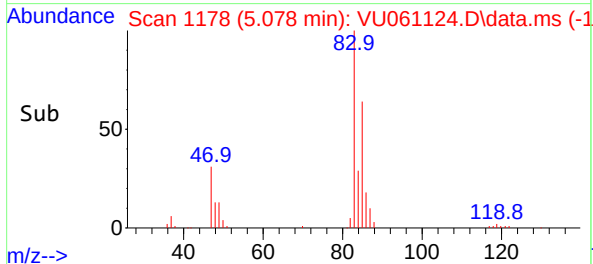
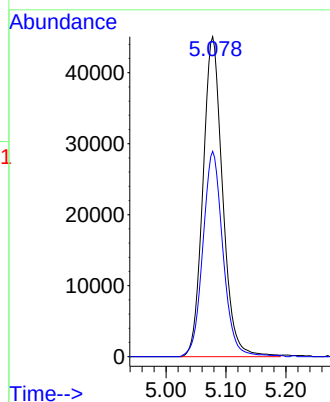
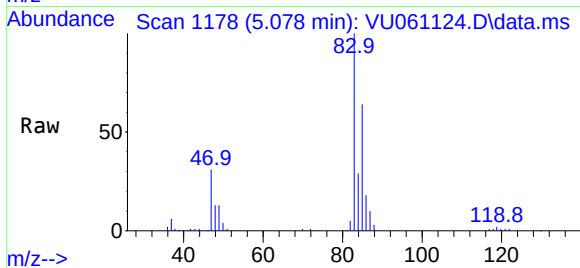
ClientSampleId :

Tgt Ion: 83 Resp: 102955

Ion Ratio Lower Upper

83 100

85 64.2 46.8 86.8



#27

1,2-Dichloroethane

Concen: 5.250 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU061124.D

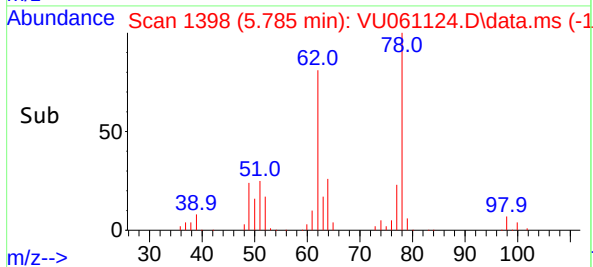
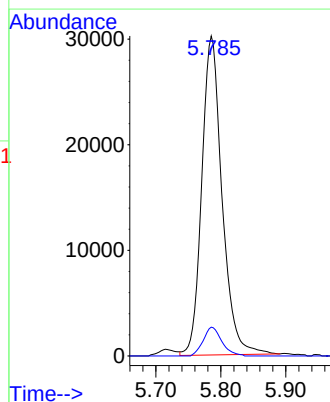
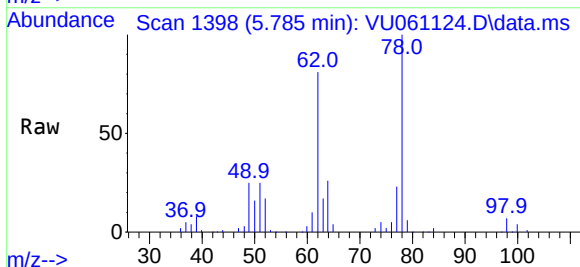
Acq: 11 Oct 2024 17:30

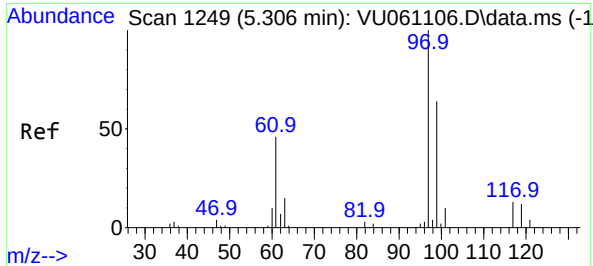
Tgt Ion: 62 Resp: 65642

Ion Ratio Lower Upper

62 100

98 9.0 8.2 12.4



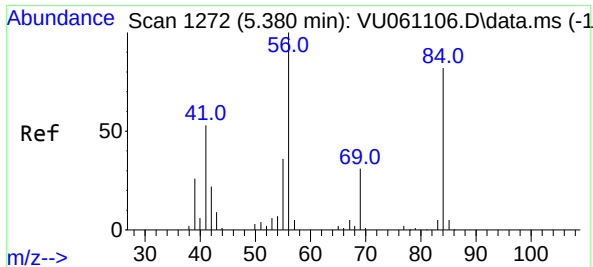
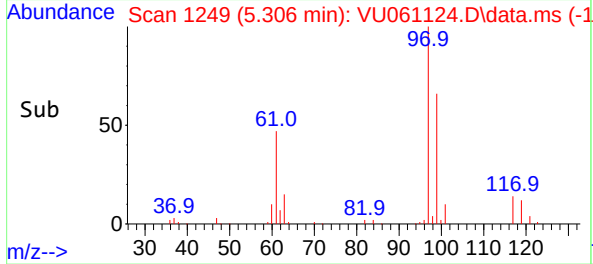
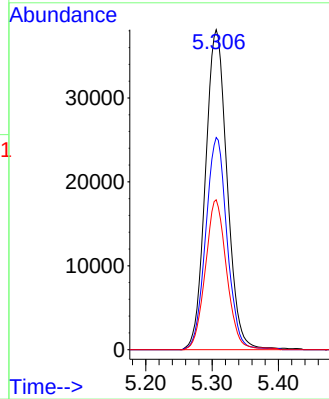
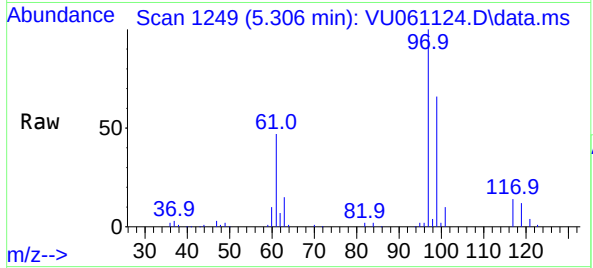


#29
1,1,1-Trichloroethane
Concen: 5.253 ug/L
RT: 5.306 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 86514

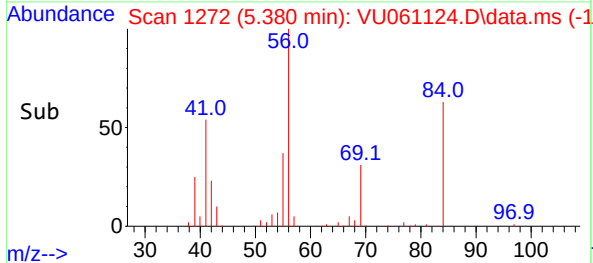
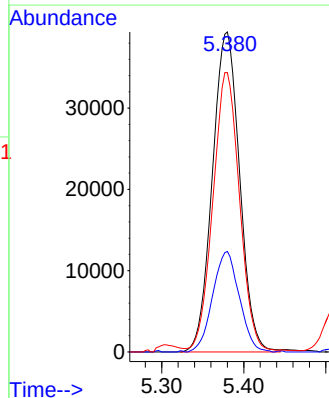
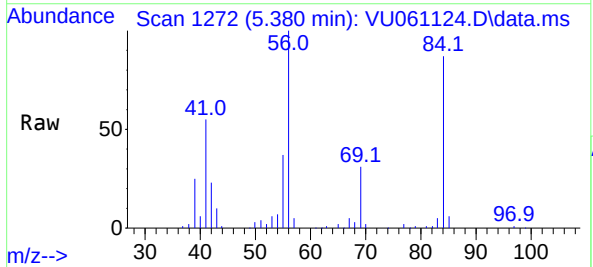
Ion	Ratio	Lower	Upper
97	100		
99	65.5	50.5	75.7
61	45.9	34.4	51.6

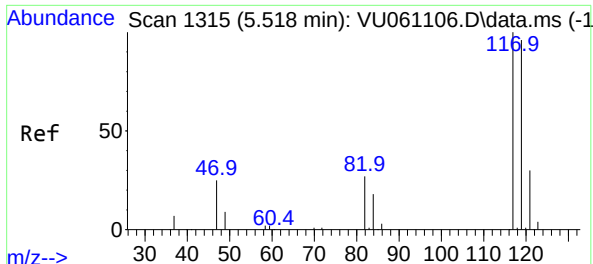


#30
Cyclohexane
Concen: 4.960 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

Tgt Ion: 56 Resp: 91008

Ion	Ratio	Lower	Upper
56	100		
69	30.7	25.4	38.0
84	85.8	71.0	106.6

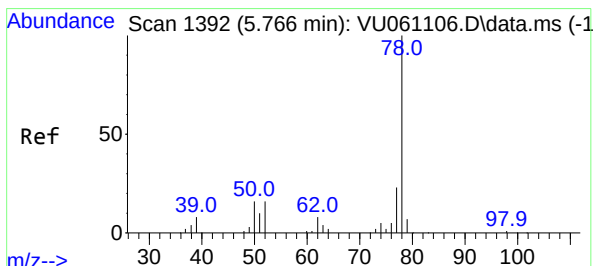
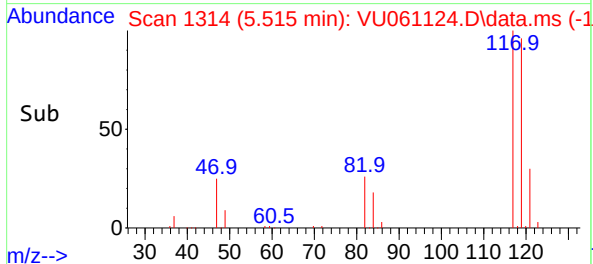
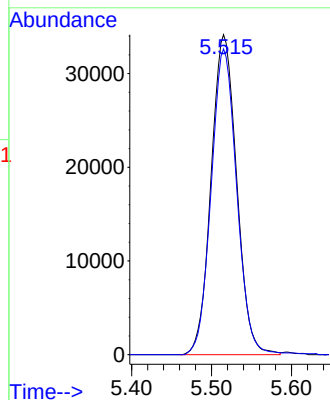
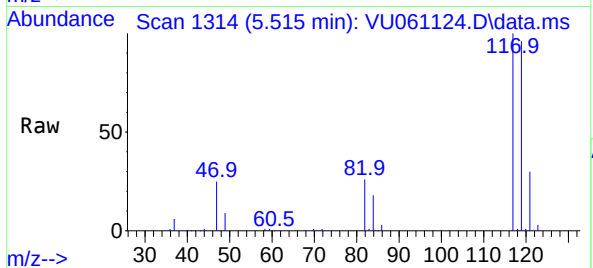




#31
Carbon tetrachloride
Concen: 5.410 ug/L
RT: 5.515 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

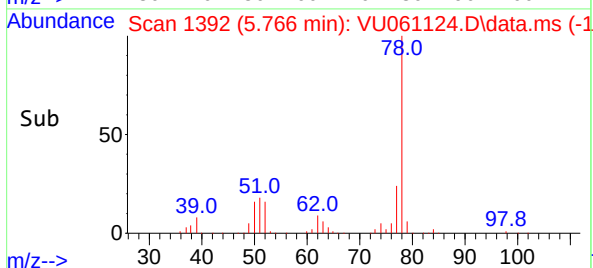
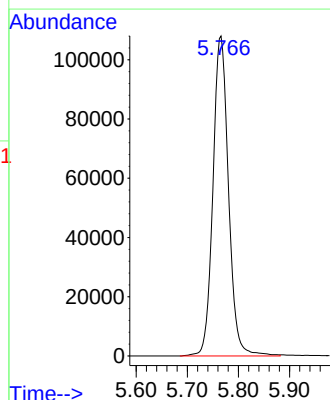
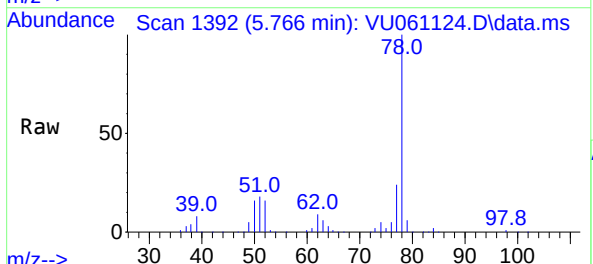
Instrument :
MSVOA_U
ClientSampleId :

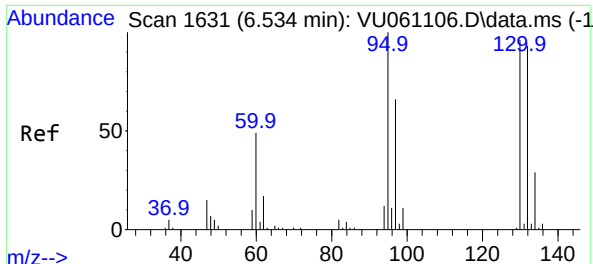
Tgt Ion:117 Resp: 75617
Ion Ratio Lower Upper
117 100
119 95.5 76.3 114.5



#33
Benzene
Concen: 5.453 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

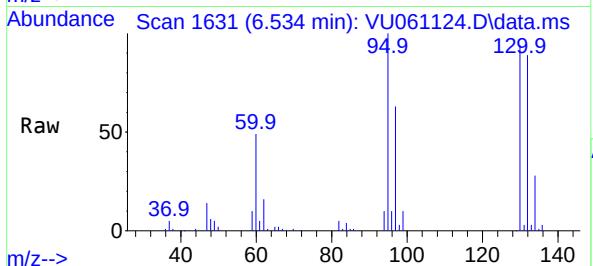
Tgt Ion: 78 Resp: 228783



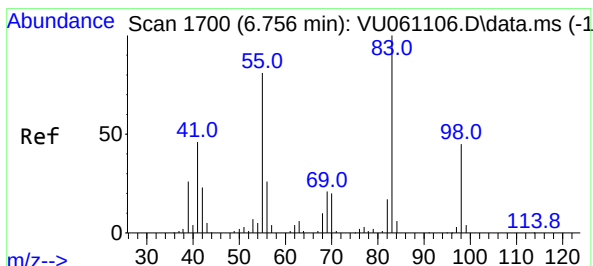
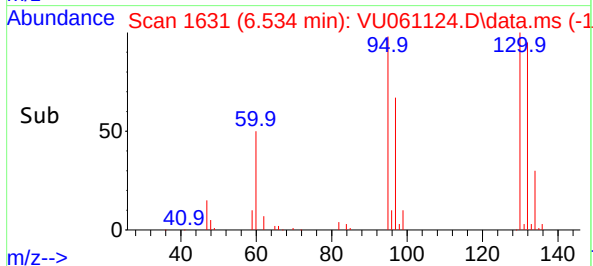
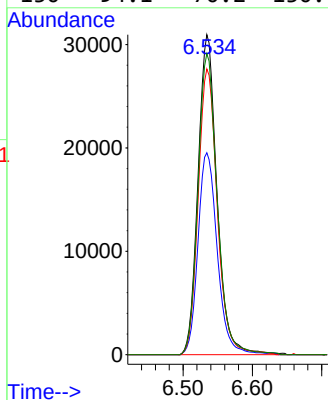


#34
Trichloroethene
Concen: 5.174 ug/L
RT: 6.534 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

Instrument :
MSVOA_U
ClientSampleId :

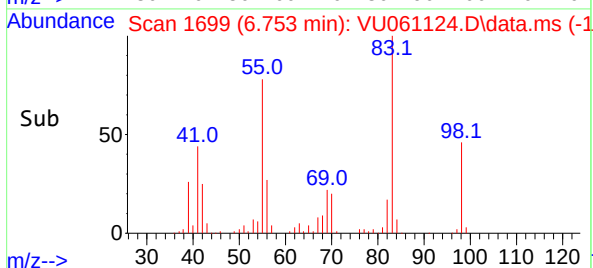
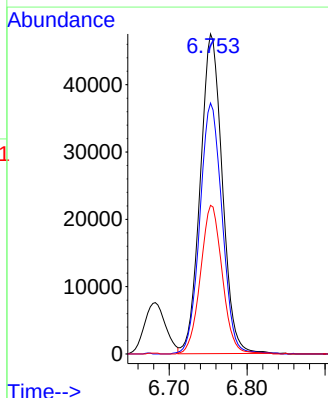
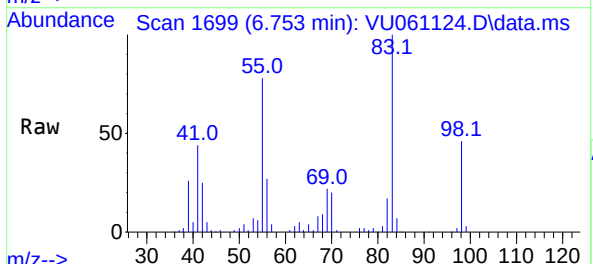


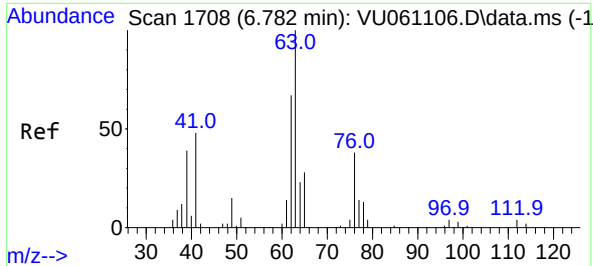
Tgt Ion: 95 Resp: 58839
Ion Ratio Lower Upper
95 100
97 63.1 44.9 83.5
132 89.3 63.5 117.9
130 94.1 70.2 130.4



#35
Methylcyclohexane
Concen: 5.070 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

Tgt Ion: 83 Resp: 93119
Ion Ratio Lower Upper
83 100
55 79.4 62.6 94.0
98 46.1 37.6 56.4

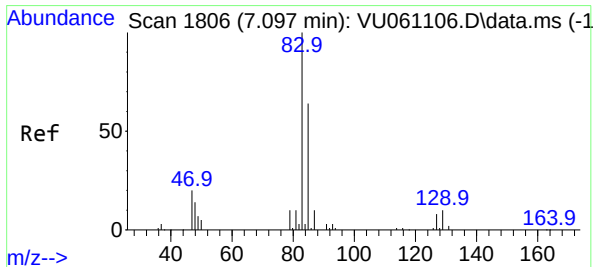
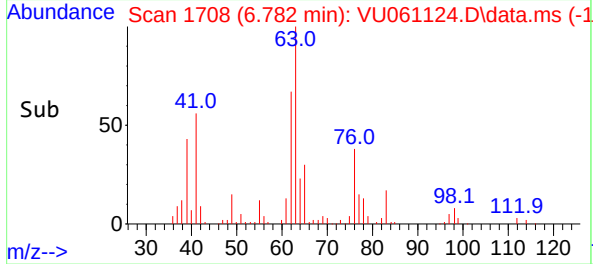
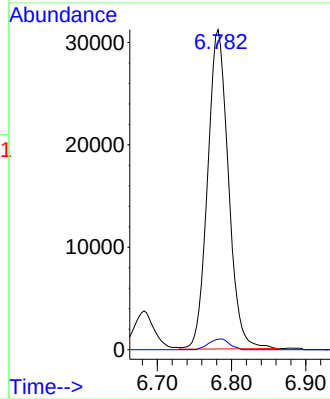
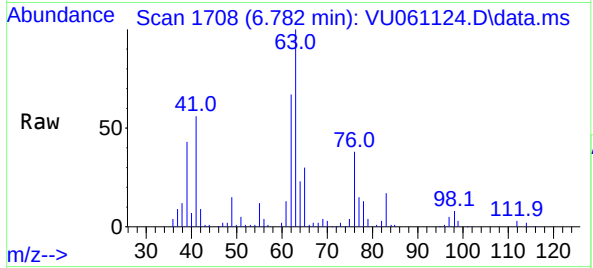




#37
1,2-Dichloropropane
Concen: 5.483 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

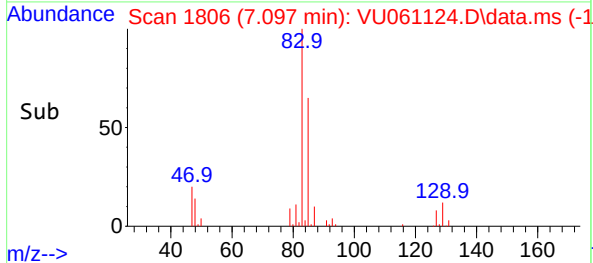
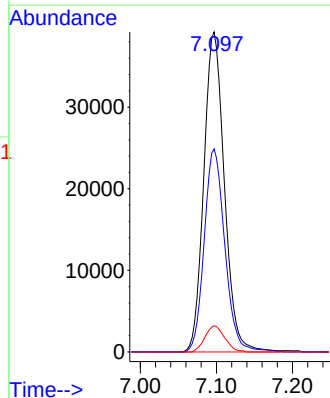
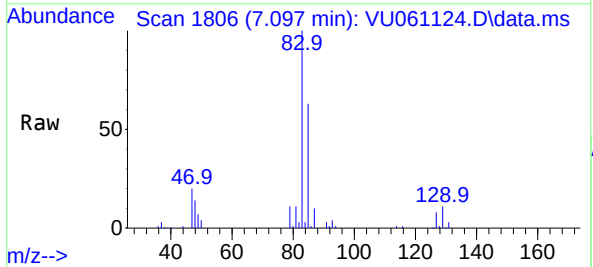
Instrument :
MSVOA_U
ClientSampleId :

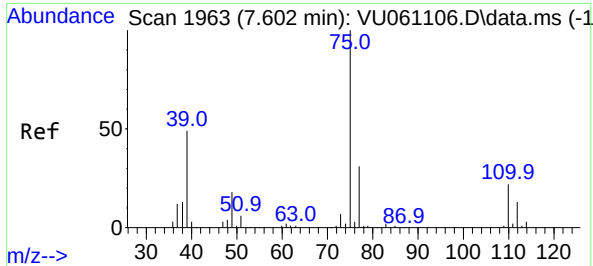
Tgt Ion: 63 Resp: 60626
Ion Ratio Lower Upper
63 100
112 3.3 2.0 3.0#



#38
Bromodichloromethane
Concen: 5.335 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

Tgt Ion: 83 Resp: 73745
Ion Ratio Lower Upper
83 100
85 63.4 45.6 84.8
127 8.2 7.0 10.6

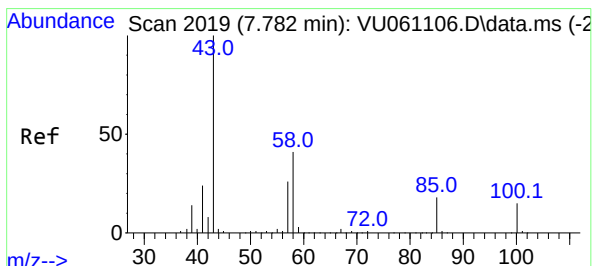
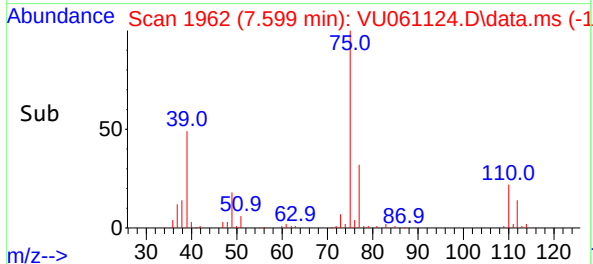
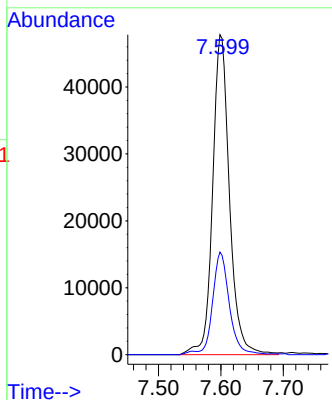
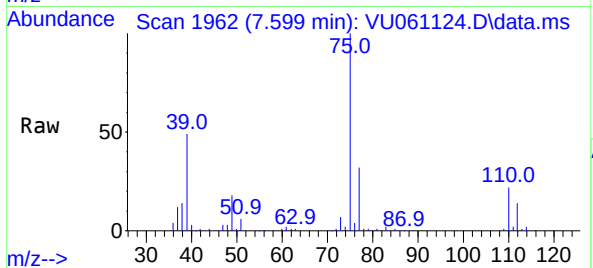




#39
cis-1,3-Dichloropropene
Concen: 5.170 ug/L
RT: 7.599 min Scan# 1962
Delta R.T. -0.003 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

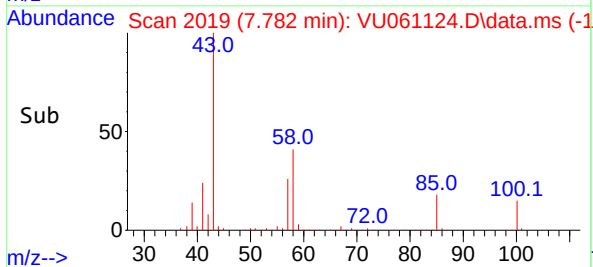
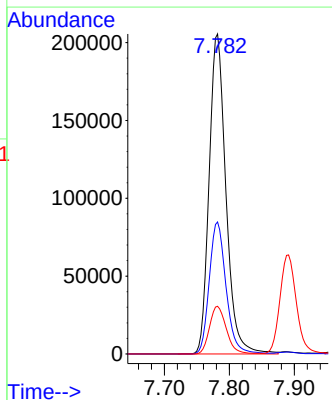
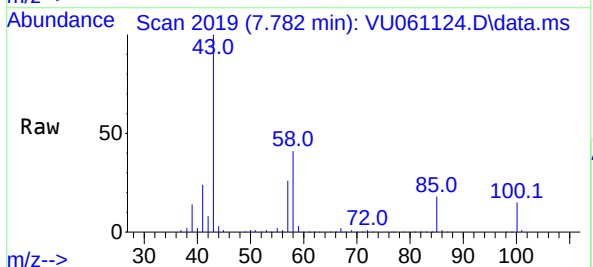
Instrument :
MSVOA_U
ClientSampleId :

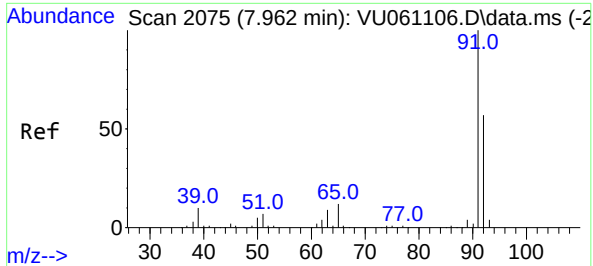
Tgt Ion: 75 Resp: 89625
Ion Ratio Lower Upper
75 100
77 32.1 21.3 39.5



#40
4-Methyl-2-pentanone
Concen: 52.267 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

Tgt Ion: 43 Resp: 370137
Ion Ratio Lower Upper
43 100
58 41.3 34.9 52.3
100 14.9 13.4 20.0





#42

Toluene

Concen: 5.421 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061124.D

Acq: 11 Oct 2024 17:30

Instrument :

MSVOA_U

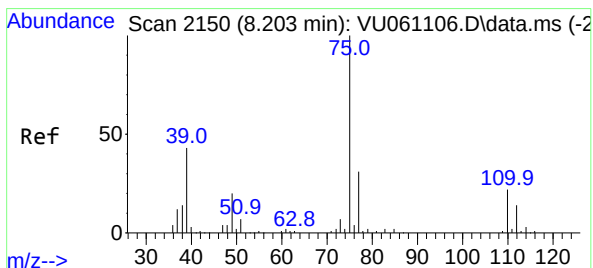
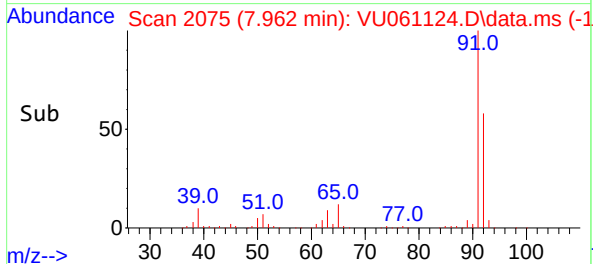
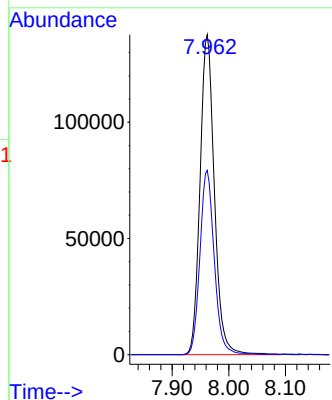
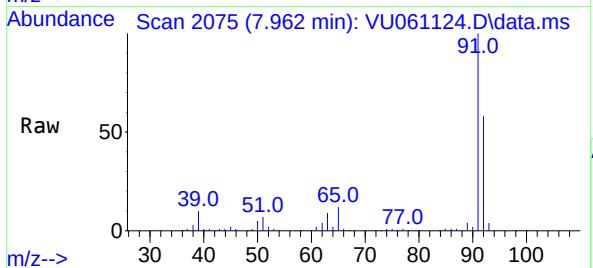
ClientSampleId :

Tgt Ion: 91 Resp: 242276

Ion Ratio Lower Upper

91 100

92 57.6 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.182 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU061124.D

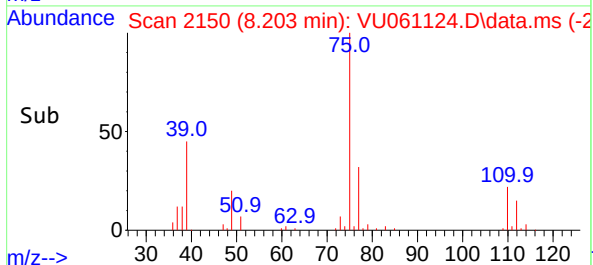
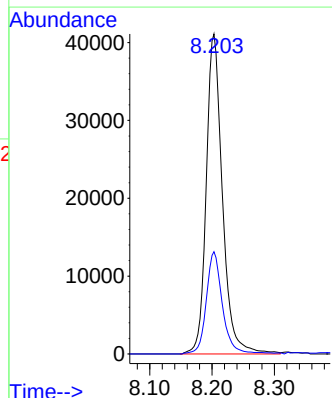
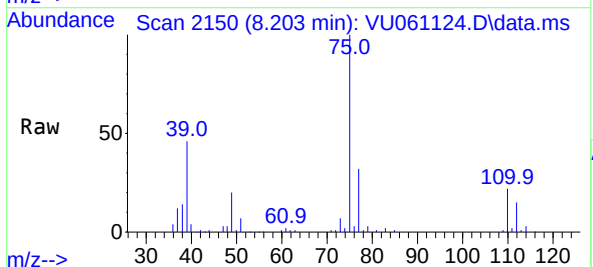
Acq: 11 Oct 2024 17:30

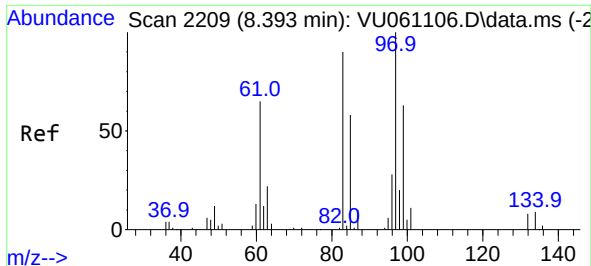
Tgt Ion: 75 Resp: 74291

Ion Ratio Lower Upper

75 100

77 31.9 23.1 42.9



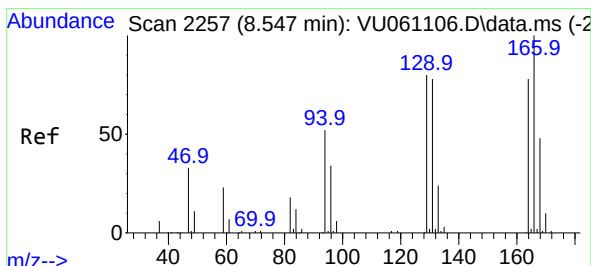
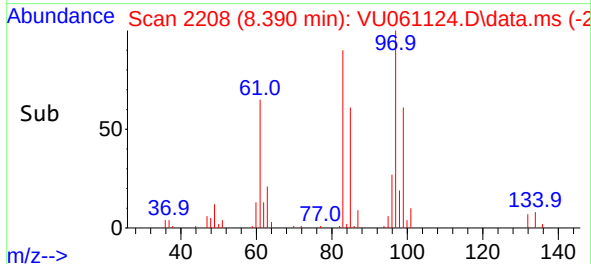
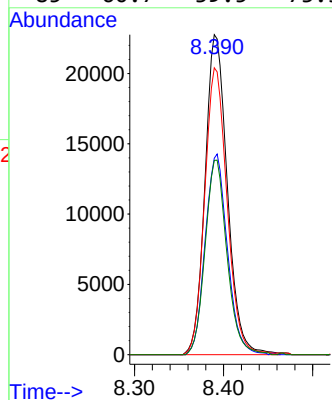
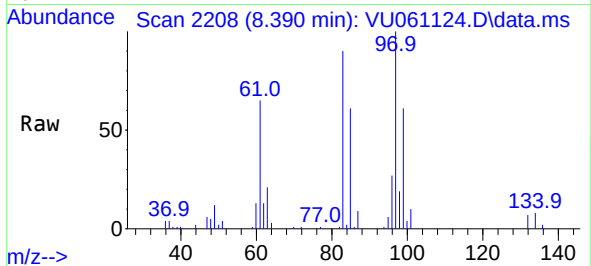


#45
1,1,2-Trichloroethane
Concen: 5.413 ug/L
RT: 8.390 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 39661

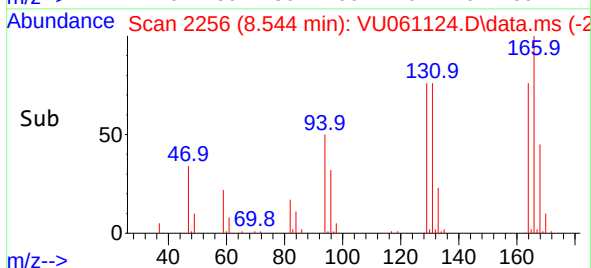
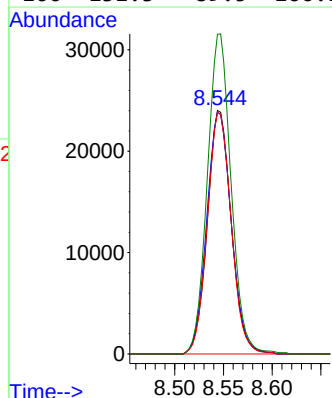
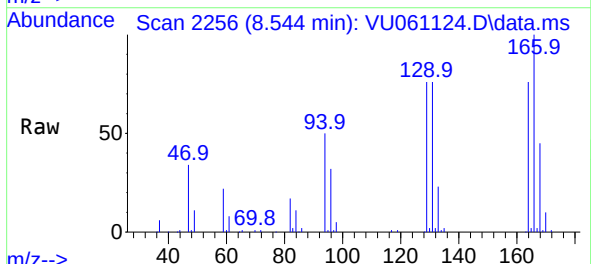
Ion	Ratio	Lower	Upper
97	100		
99	61.4	42.3	78.5
83	89.6	61.7	114.5
85	60.7	39.5	73.3

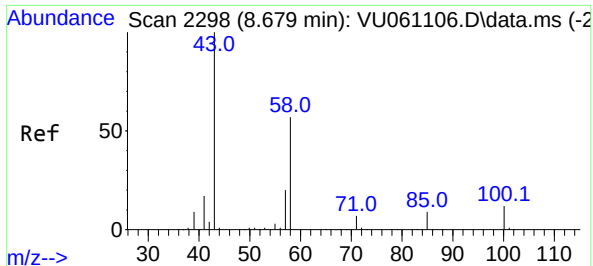


#47
Tetrachloroethene
Concen: 5.546 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

Tgt Ion: 164 Resp: 41050

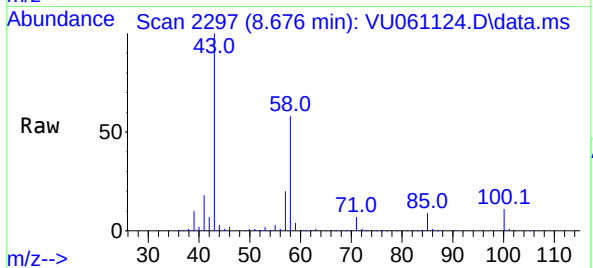
Ion	Ratio	Lower	Upper
164	100		
129	99.3	67.3	124.9
131	99.4	65.4	121.4
166	131.3	89.5	166.1



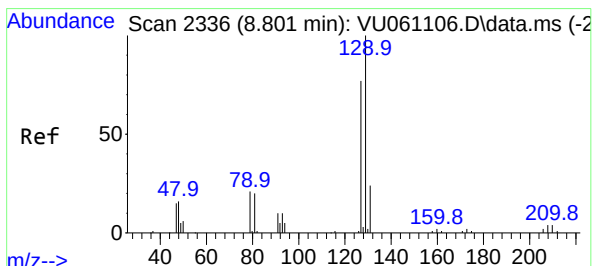
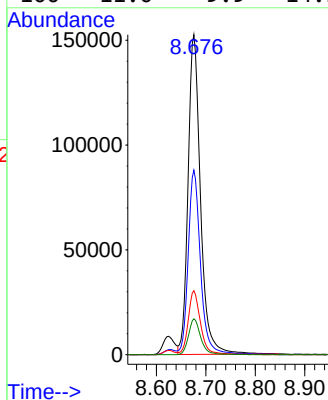
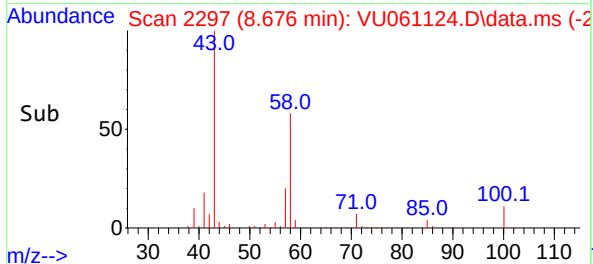


#48
2-Hexanone
Concen: 54.413 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

Instrument :
MSVOA_U
ClientSampleId :

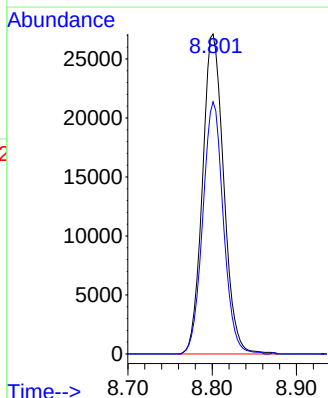
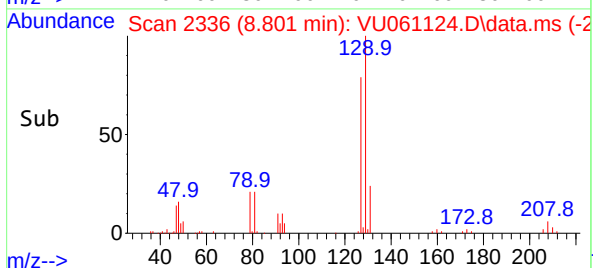
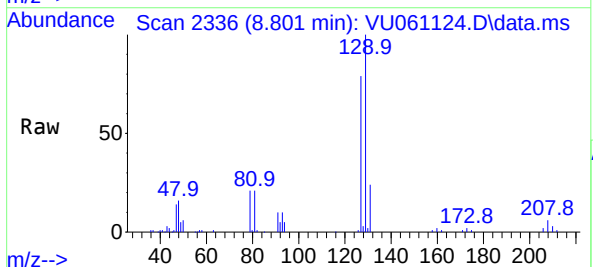


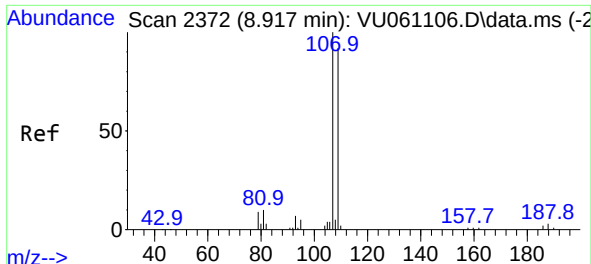
Tgt Ion: 43 Resp: 267156
Ion Ratio Lower Upper
43 100
58 55.8 48.3 72.5
57 19.5 15.9 23.9
100 11.0 9.9 14.9



#49
Dibromochloromethane
Concen: 5.580 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

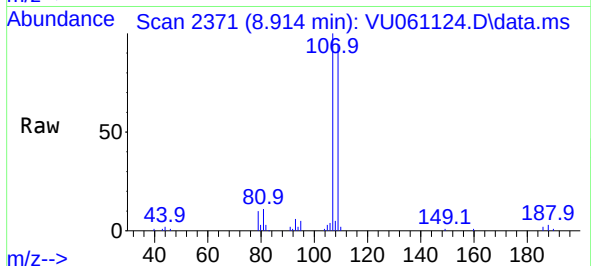
Tgt Ion: 129 Resp: 47576
Ion Ratio Lower Upper
129 100
127 78.8 56.1 104.1



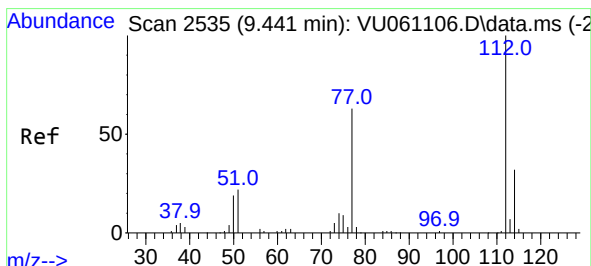
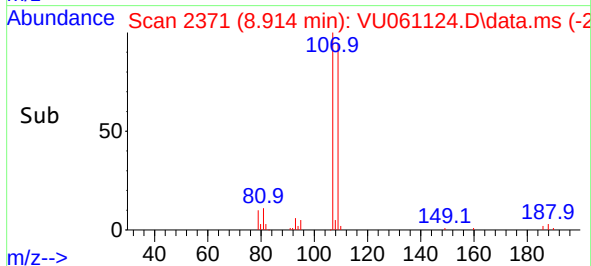
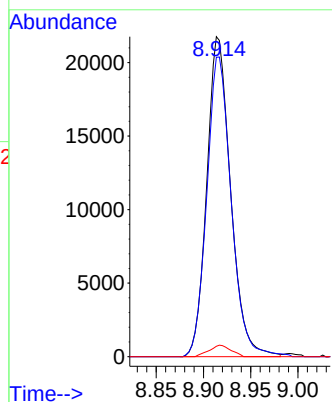


#50
1,2-Dibromoethane
Concen: 5.505 ug/L
RT: 8.914 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

Instrument :
MSVOA_U
ClientSampleId :

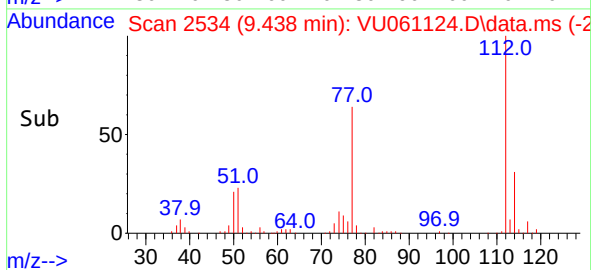
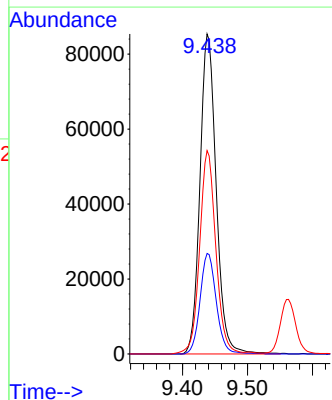
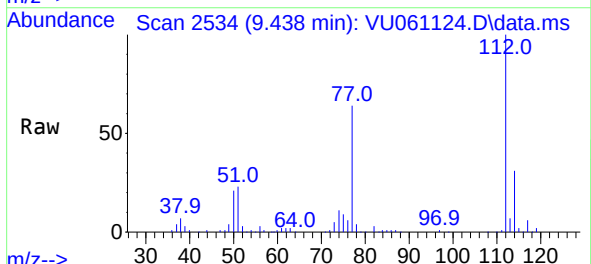


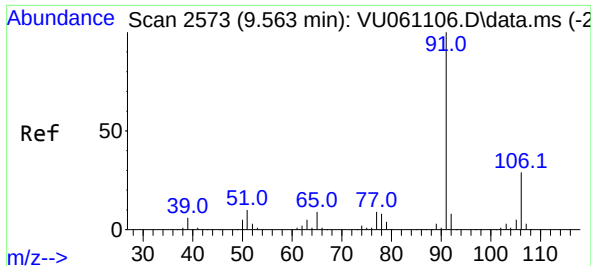
Tgt Ion:107 Resp: 38184
Ion Ratio Lower Upper
107 100
109 93.5 66.8 124.0
188 3.2 3.4 5.0#



#51
Chlorobenzene
Concen: 5.458 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

Tgt Ion:112 Resp: 148592
Ion Ratio Lower Upper
112 100
114 31.4 22.2 41.2
77 63.6 46.1 69.1

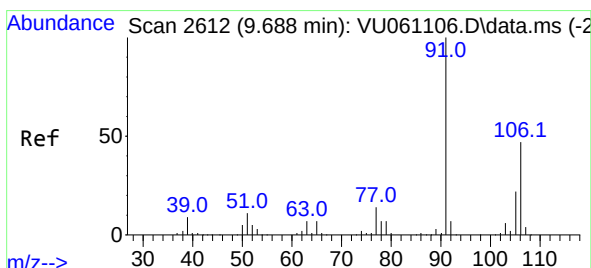
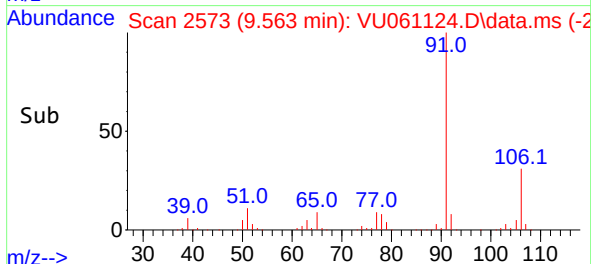
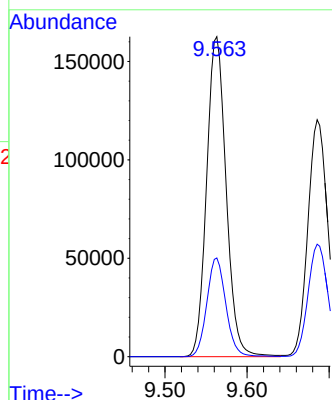
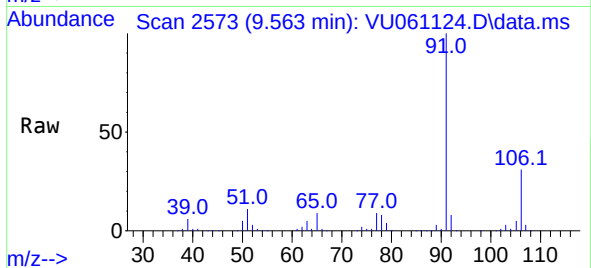




#52
Ethylbenzene
Concen: 5.308 ug/L
RT: 9.563 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

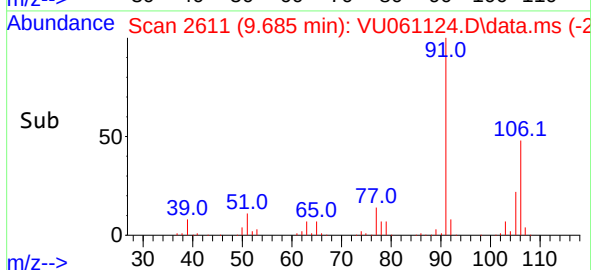
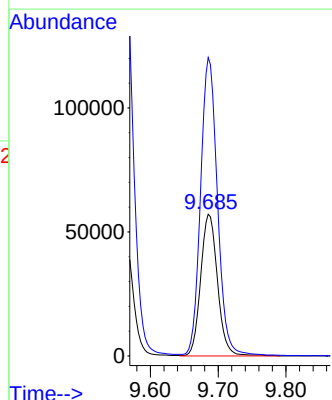
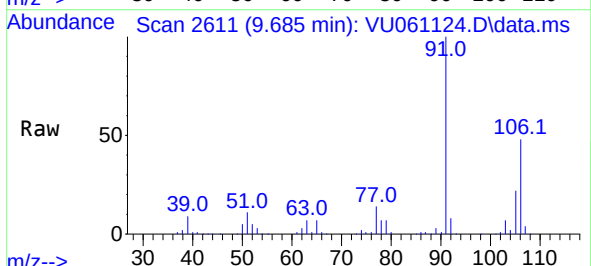
Instrument :
MSVOA_U
ClientSampleId :

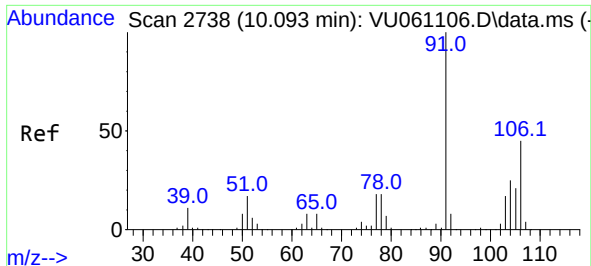
Tgt Ion: 91 Resp: 268845
Ion Ratio Lower Upper
91 100
106 30.9 21.8 40.6



#53
m,p-Xylene
Concen: 5.336 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

Tgt Ion:106 Resp: 98593
Ion Ratio Lower Upper
106 100
91 210.5 139.7 259.4

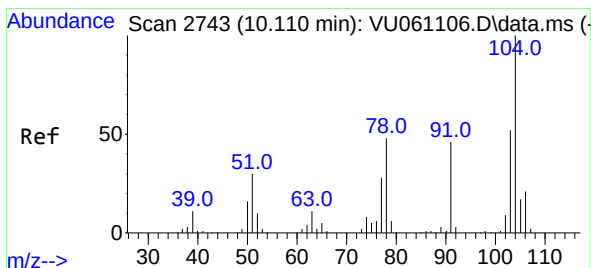
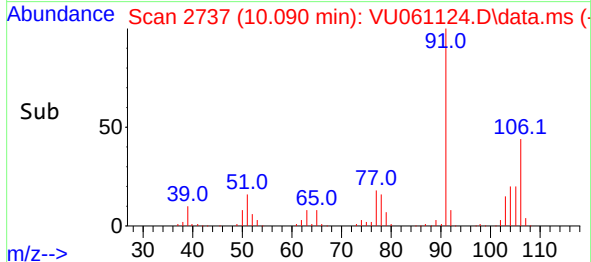
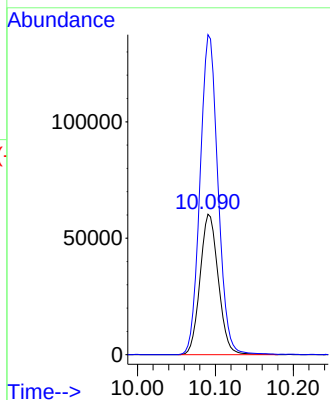
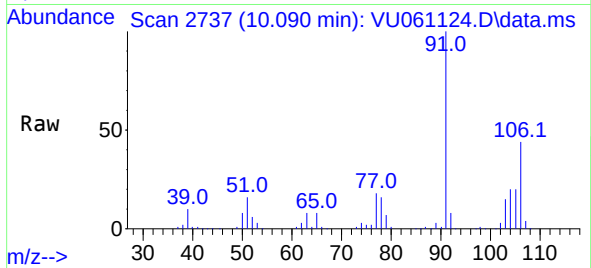




#54
o-Xylene
Concen: 5.393 ug/L
RT: 10.090 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

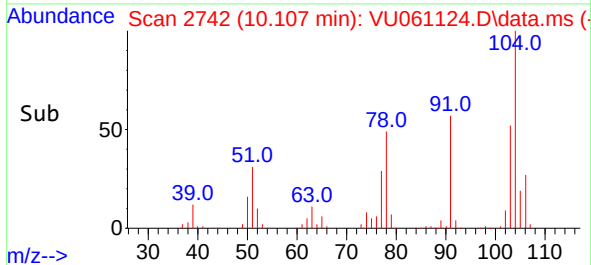
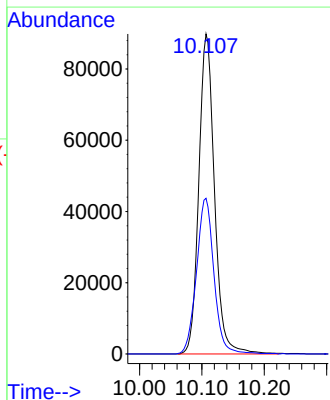
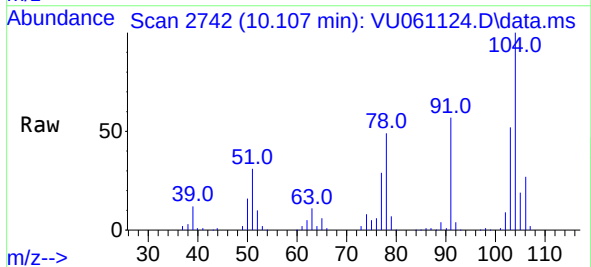
Instrument :
MSVOA_U
ClientSampleId :

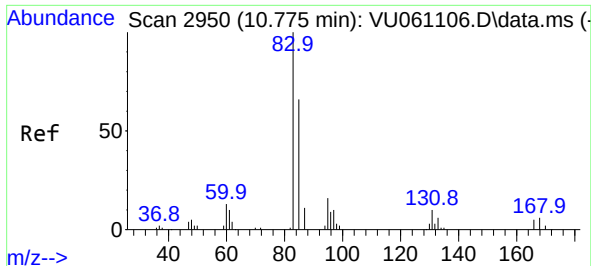
Tgt Ion:106 Resp: 98043
Ion Ratio Lower Upper
106 100
91 227.8 148.6 276.0



#55
Styrene
Concen: 5.359 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. -0.003 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

Tgt Ion:104 Resp: 157217
Ion Ratio Lower Upper
104 100
78 48.7 31.7 58.9

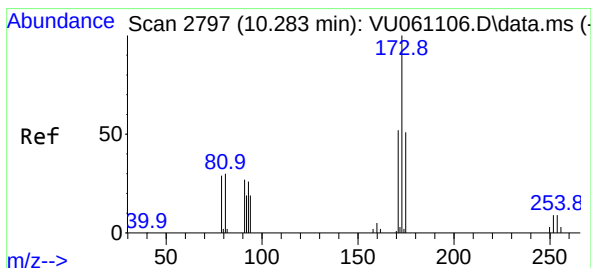
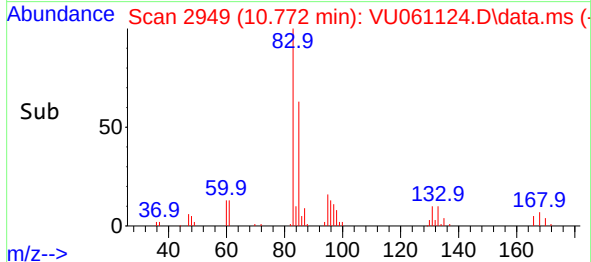
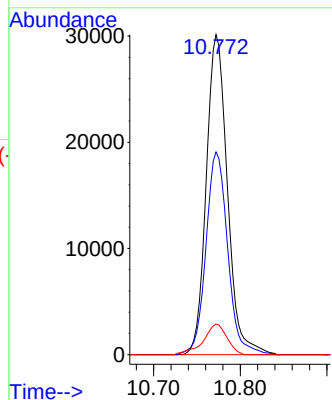
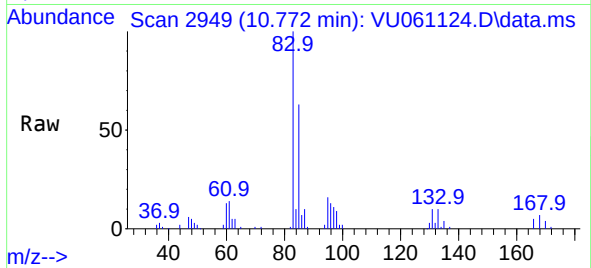




#57
1,1,2,2-Tetrachloroethane
Concen: 5.558 ug/L
RT: 10.772 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

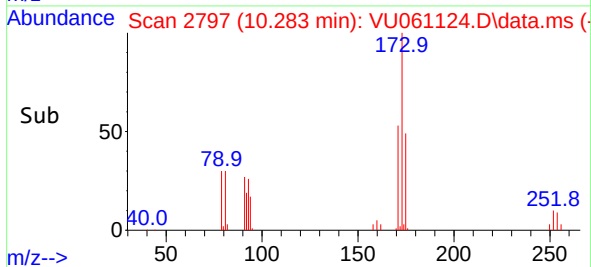
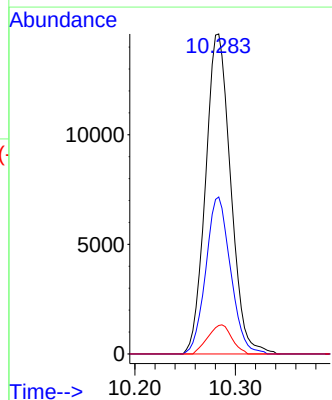
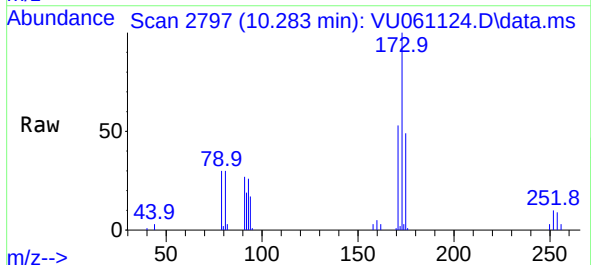
Instrument :
MSVOA_U
ClientSampleId :

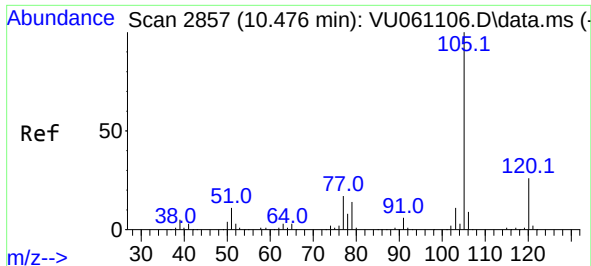
Tgt Ion: 83 Resp: 51173
Ion Ratio Lower Upper
83 100
85 63.3 42.9 79.7
131 9.6 8.4 12.6



#59
Bromoform
Concen: 5.474 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

Tgt Ion:173 Resp: 25319
Ion Ratio Lower Upper
173 100
175 48.4 39.1 58.7
254 8.6 8.7 13.1#

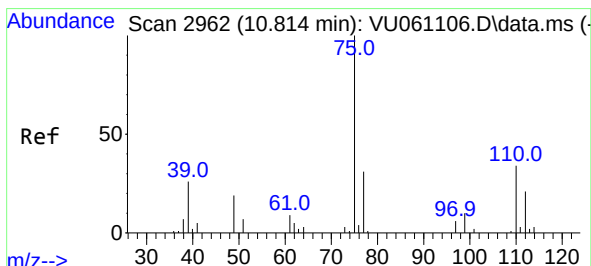
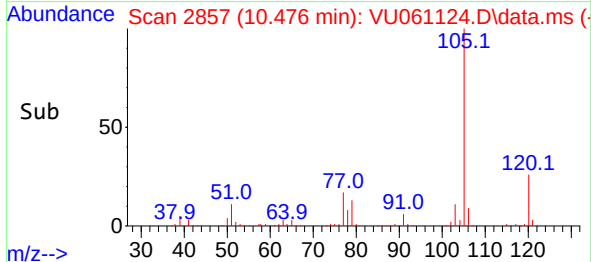
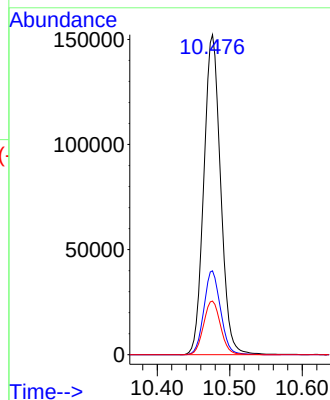
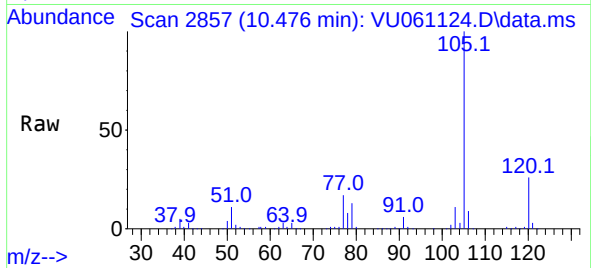




#60
Isopropylbenzene
Concen: 5.427 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

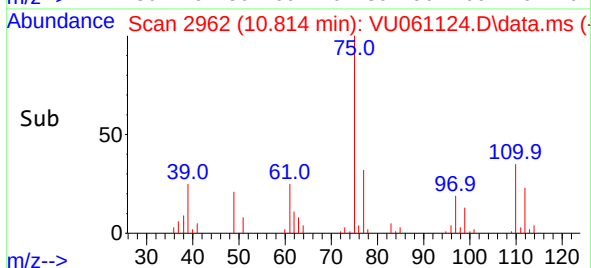
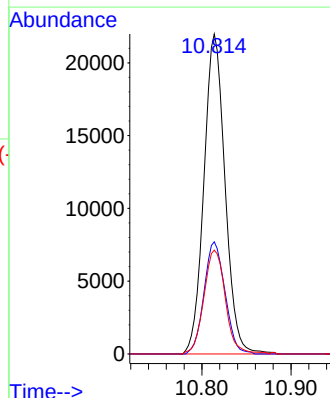
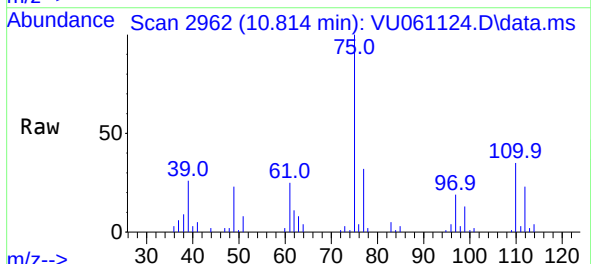
Instrument :
MSVOA_U
ClientSampleId :

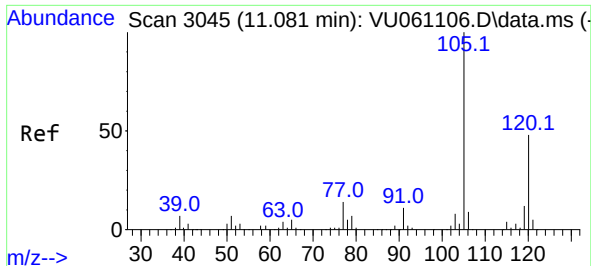
Tgt Ion:105 Resp: 244599
Ion Ratio Lower Upper
105 100
120 26.1 21.5 32.3
77 17.0 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 5.462 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

Tgt Ion: 75 Resp: 36158
Ion Ratio Lower Upper
75 100
110 34.8 28.6 43.0
77 33.1 26.3 39.5

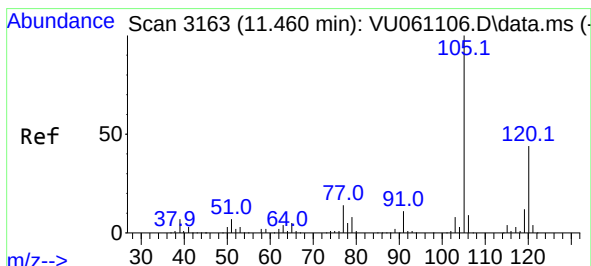
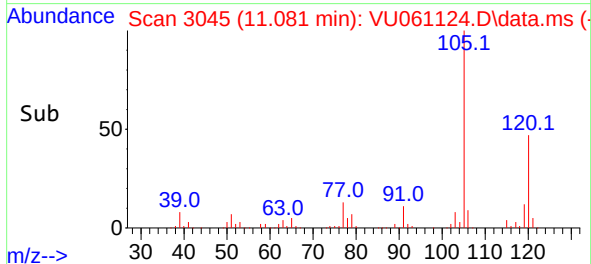
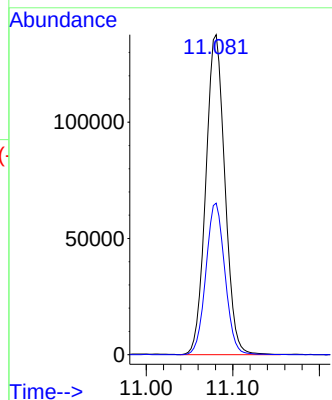
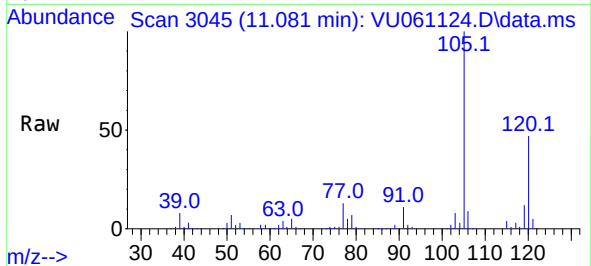




#62
1,3,5-Trimethylbenzene
Concen: 5.311 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

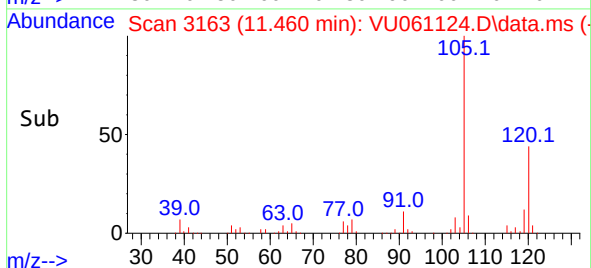
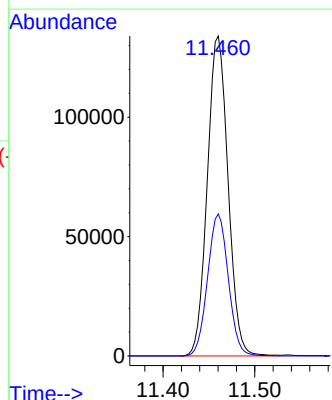
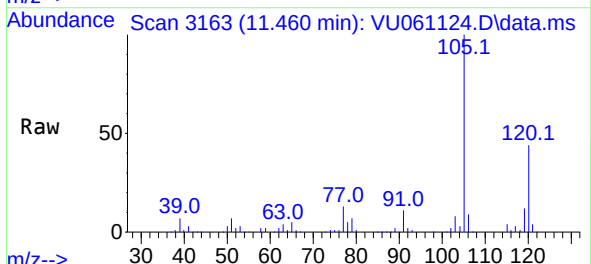
Instrument :
MSVOA_U
ClientSampleId :

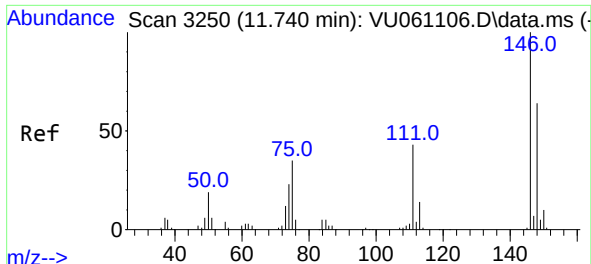
Tgt Ion:105 Resp: 210946
Ion Ratio Lower Upper
105 100
120 47.2 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 5.266 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

Tgt Ion:105 Resp: 211097
Ion Ratio Lower Upper
105 100
120 44.3 36.1 54.1

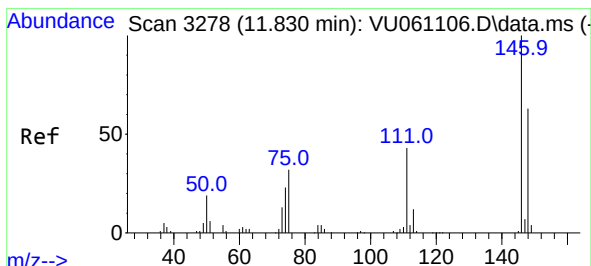
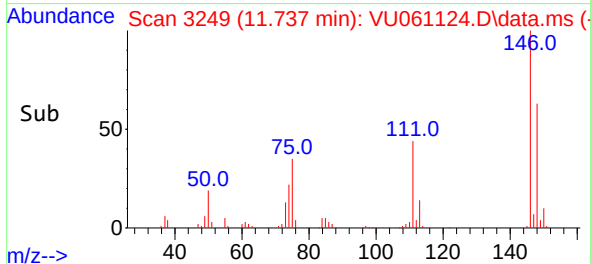
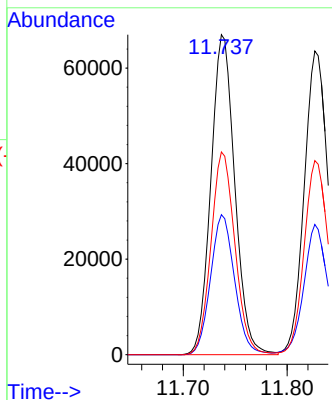
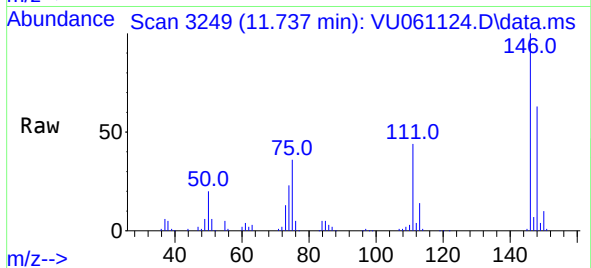




#64
1,3-Dichlorobenzene
Concen: 5.544 ug/L
RT: 11.737 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

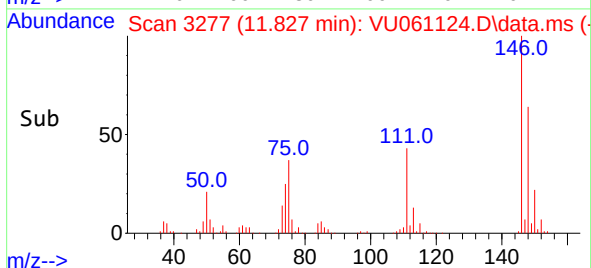
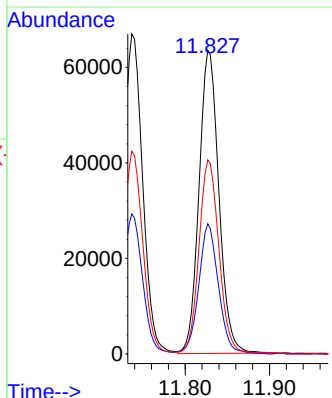
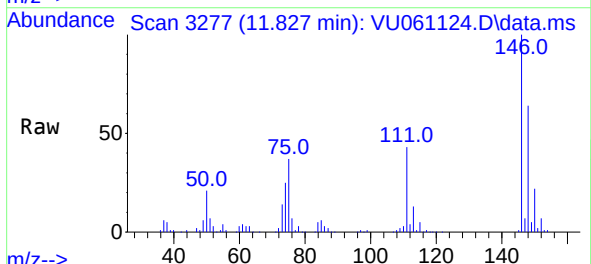
Instrument :
MSVOA_U
ClientSampleId :

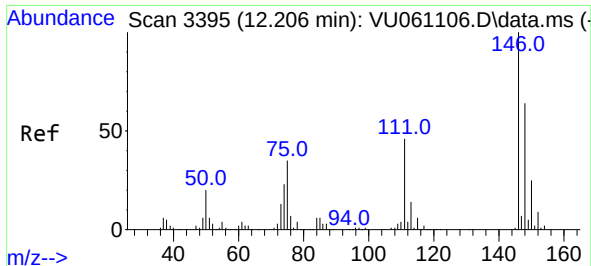
Tgt Ion:146 Resp: 107091
Ion Ratio Lower Upper
146 100
111 43.7 27.5 51.1
148 63.4 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 5.457 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.003 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

Tgt Ion:146 Resp: 104206
Ion Ratio Lower Upper
146 100
111 42.9 26.3 48.9
148 63.9 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.598 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU061124.D

Acq: 11 Oct 2024 17:30

Instrument :

MSVOA_U

ClientSampleId :

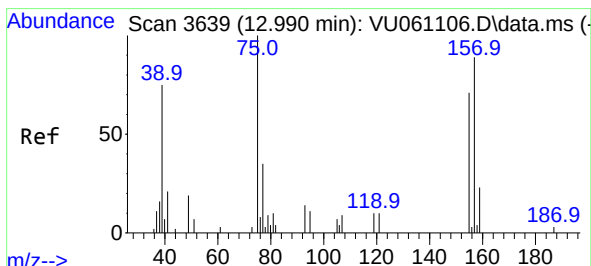
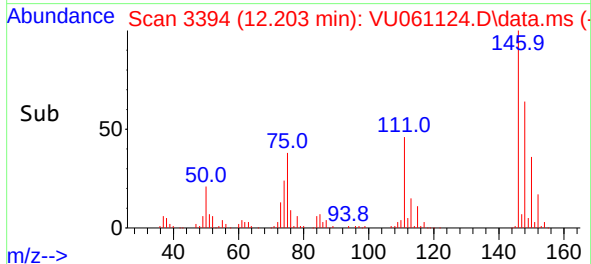
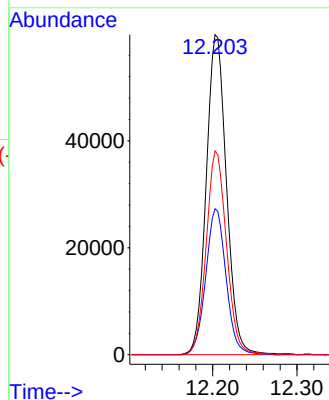
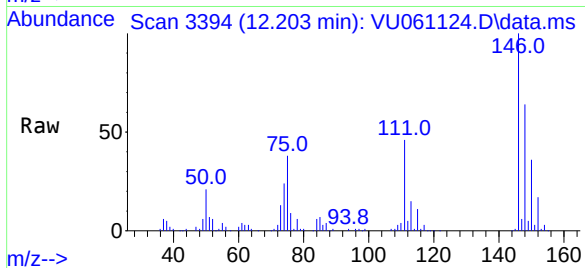
Tgt Ion:146 Resp: 99950

Ion Ratio Lower Upper

146 100

111 45.6 33.4 50.0

148 63.7 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 5.310 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU061124.D

Acq: 11 Oct 2024 17:30

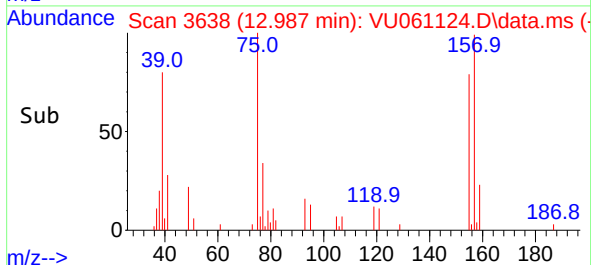
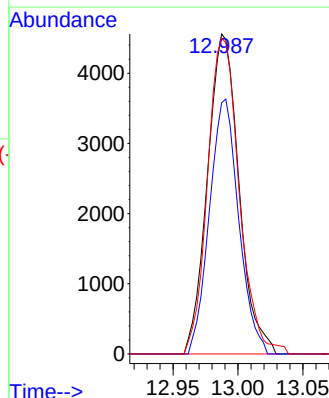
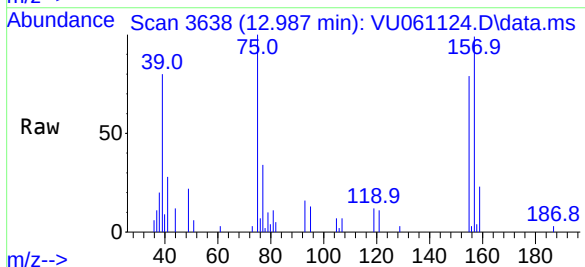
Tgt Ion: 75 Resp: 7666

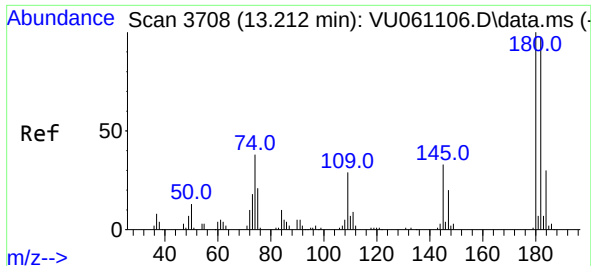
Ion Ratio Lower Upper

75 100

155 78.5 73.1 109.7

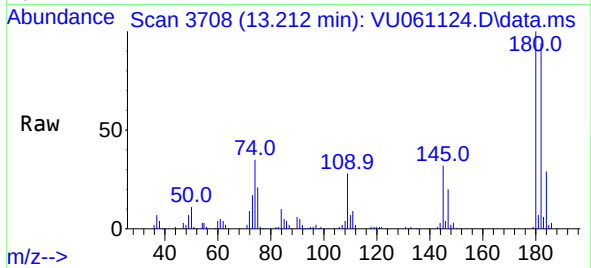
157 98.8 91.0 136.4



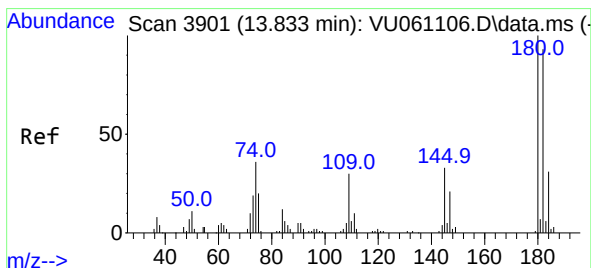
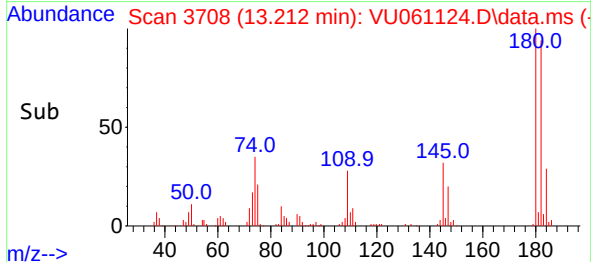
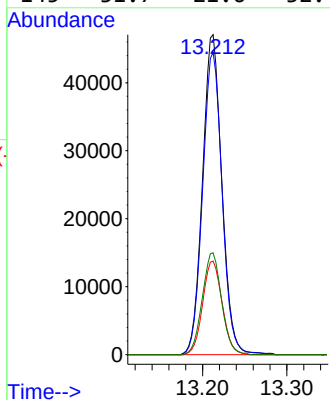


#69
1,3,5-Trichlorobenzene
Concen: 5.545 ug/L
RT: 13.212 min Scan# 3708
Delta R.T. 0.000 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

Instrument :
MSVOA_U
ClientSampleId :

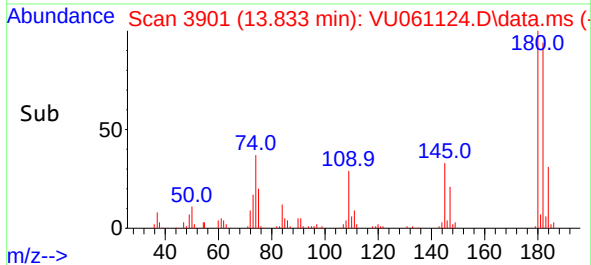
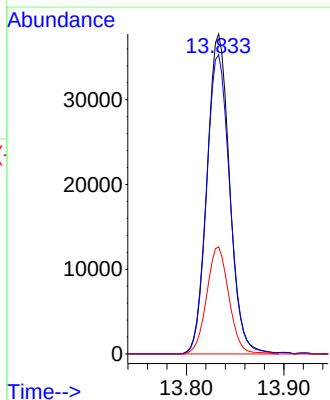
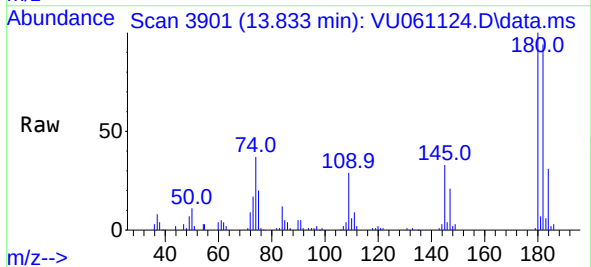


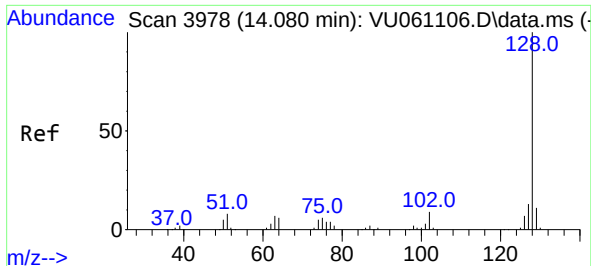
Tgt Ion:180 Resp: 75426
Ion Ratio Lower Upper
180 100
182 94.9 74.5 111.7
184 29.4 23.2 34.8
145 31.7 21.6 32.4



#70
1,2,4-trichlorobenzene
Concen: 5.855 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. -0.003 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

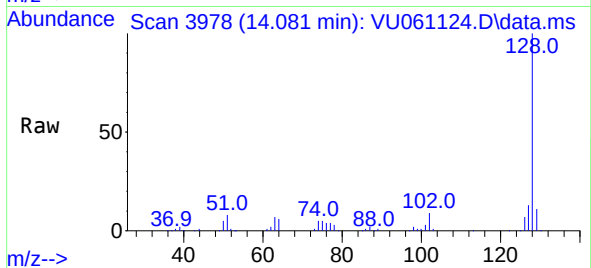
Tgt Ion:180 Resp: 61033
Ion Ratio Lower Upper
180 100
182 96.1 77.4 116.2
145 32.9 22.9 34.3



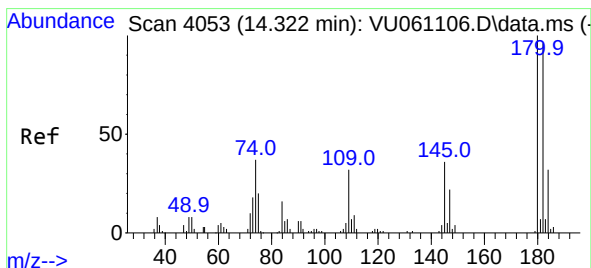
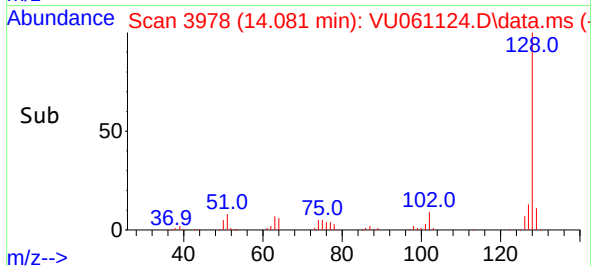
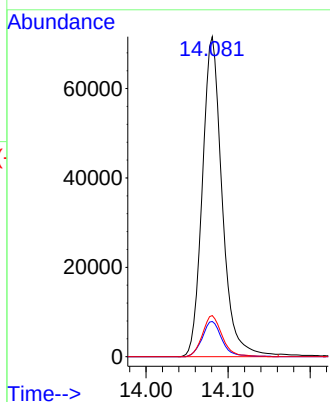


#71
Naphthalene
Concen: 7.054 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.003 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 120115
Ion Ratio Lower Upper
128 100
129 11.0 8.3 12.5
127 12.9 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 6.029 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU061124.D
Acq: 11 Oct 2024 17:30

Tgt Ion:180 Resp: 52299
Ion Ratio Lower Upper
180 100
182 95.1 75.7 113.5
145 34.0 23.5 35.3

