

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111724\
 Data File : VU061779.D
 Acq On : 17 Nov 2024 12:16
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 00:00:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 22:17:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	170352	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	162542	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	83100	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	59844	5.437	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.800%
7) Chloroethane-d5	1.911	69	53130	5.654	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.000%
11) 1,1-Dichloroethene-d2	2.560	65	26882	5.443	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.800%
20) 2-Butanone-d5	4.628	46	139950	59.905	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.820%
24) Chloroform-d	5.052	84	129326	5.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.200%
26) 1,2-Dichloroethane-d4	5.692	65	61486	5.856	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.200%
32) Benzene-d6	5.718	84	259359	5.768	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.400%
36) 1,2-Dichloropropane-d6	6.682	67	76079	5.736	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.800%
41) Toluene-d8	7.891	98	244243	5.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.600%
43) trans-1,3-Dichloroprop...	8.174	79	28301	5.793	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	115.800%
46) 2-Hexanone-d5	8.628	63	119123	61.708	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.420%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	64728	6.191	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.800%#
66) 1,2-Dichlorobenzene-d4	12.184	152	85452	5.774	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	47584	3.758	ug/L	99
3) Chloromethane	1.515	50	43012	3.745	ug/L	100
5) Vinyl chloride	1.599	62	52666	4.155	ug/L	94
6) Bromomethane	1.853	94	27426	3.626	ug/L	100
8) Chloroethane	1.930	64	38108	4.334	ug/L	95
9) Trichlorofluoromethane	2.133	101	83047	4.457	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	55166	5.008	ug/L	97
12) 1,1-Dichloroethene	2.573	96	47417	4.611	ug/L	93
13) Acetone	2.647	43	77604	52.725	ug/L	98
14) Carbon disulfide	2.785	76	114707	3.473	ug/L	99
15) Methyl Acetate	2.953	43	18953	5.154	ug/L	94
16) Methylene chloride	3.036	84	56228	4.744	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	126182	5.006	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	50016	4.434	ug/L	98
19) 1,1-Dichloroethane	3.859	63	100739	4.899	ug/L	98
21) 2-Butanone	4.708	43	120929	50.307	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	62115	4.883	ug/L	99
23) Bromochloromethane	4.965	128	27070	4.791	ug/L	98
25) Chloroform	5.078	83	110103	5.080	ug/L	96

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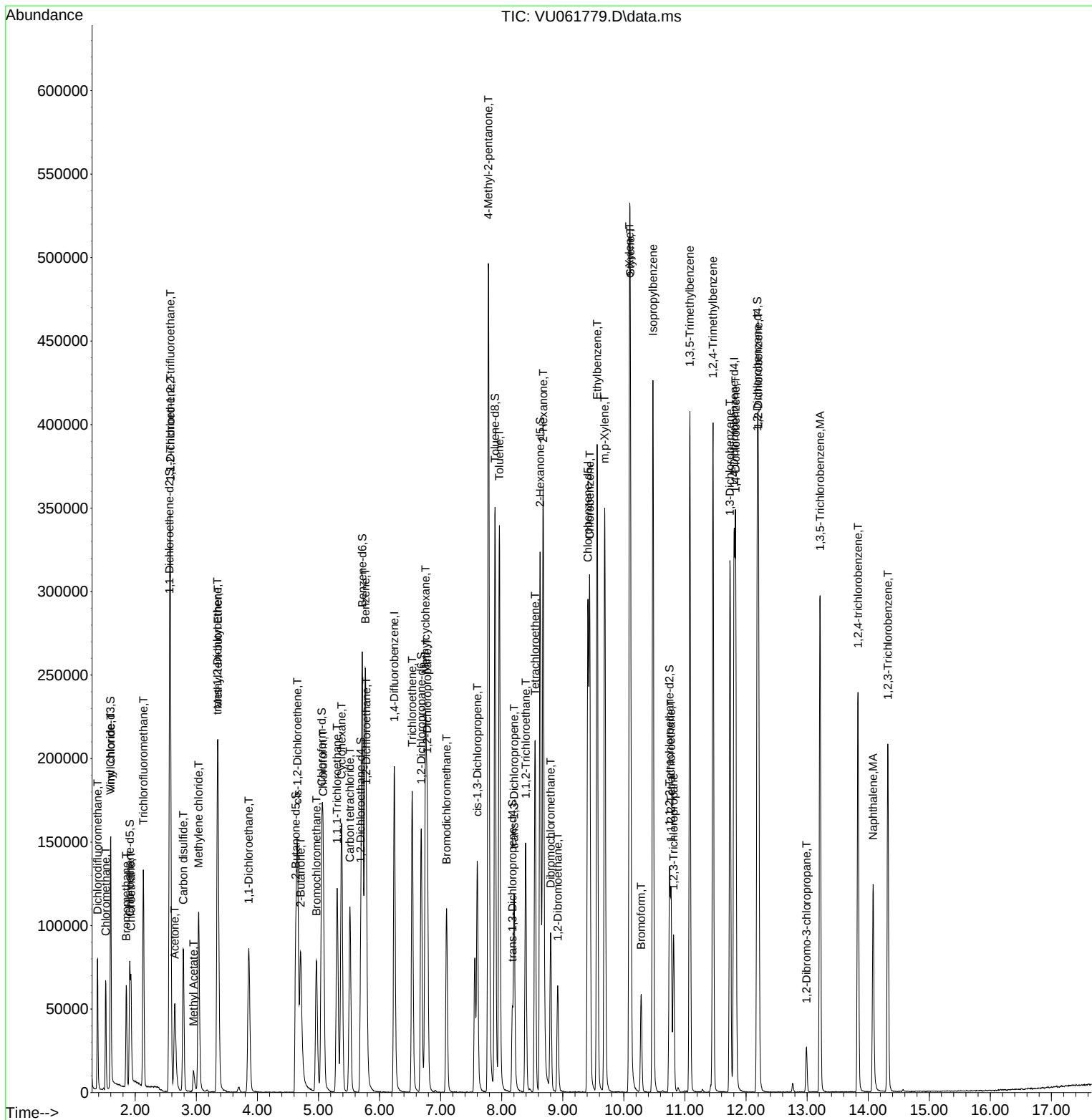
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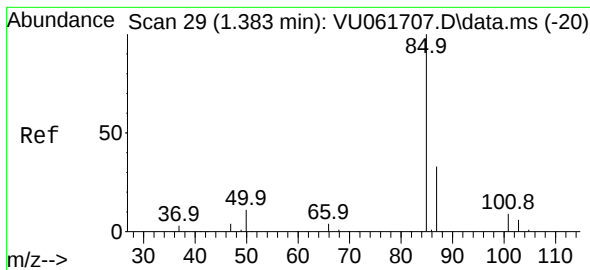
Quant Time: Nov 18 00:00:12 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 22:17:35 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	66626	4.898	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	90940	4.917	ug/L	98
30) Cyclohexane	5.377	56	79917	4.325	ug/L	98
31) Carbon tetrachloride	5.515	117	75861	4.815	ug/L	100
33) Benzene	5.766	78	235408	4.785	ug/L	100
34) Trichloroethene	6.534	95	63293	4.765	ug/L	97
35) Methylcyclohexane	6.753	83	89972	4.491	ug/L	99
37) 1,2-Dichloropropane	6.782	63	61654	4.940	ug/L	99
38) Bromodichloromethane	7.097	83	74255	4.959	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	87117	4.905	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	317157	53.001	ug/L	99
42) Toluene	7.962	91	257144	4.855	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	70395	4.997	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	48181	5.296	ug/L	98
47) Tetrachloroethene	8.547	164	48336	4.843	ug/L	94
48) 2-Hexanone	8.679	43	231581	54.125	ug/L	99
49) Dibromochloromethane	8.801	129	49114	5.148	ug/L	98
50) 1,2-Dibromoethane	8.917	107	43885	5.114	ug/L	97
51) Chlorobenzene	9.441	112	169685	4.977	ug/L	99
52) Ethylbenzene	9.563	91	280251	4.967	ug/L	100
53) m,p-Xylene	9.685	106	105681	4.895	ug/L	96
54) o-Xylene	10.090	106	103803	4.947	ug/L	100
55) Styrene	10.107	104	170282	5.097	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	58695	5.301	ug/L	93
59) Bromoform	10.283	173	26984	4.906	ug/L	97
60) Isopropylbenzene	10.476	105	282633	4.904	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	39332	5.024	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	223389	4.841	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	222556	4.955	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	132916	5.029	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	130568	4.865	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	125318	5.099	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	6631	4.851	ug/L	94
69) 1,3,5-Trichlorobenzene	13.213	180	95815	5.192	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	74431	5.204	ug/L	99
71) Naphthalene	14.081	128	110178	5.366	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	63557	5.294	ug/L	99

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

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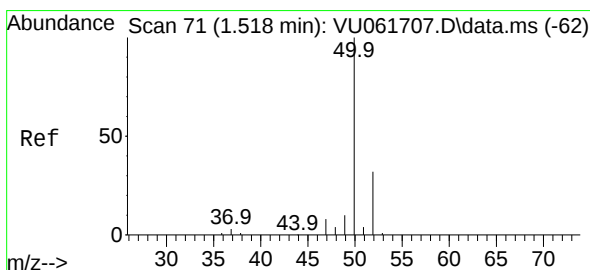
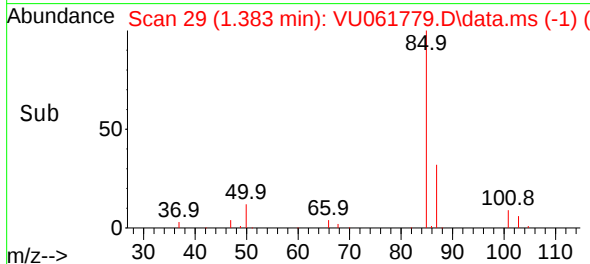
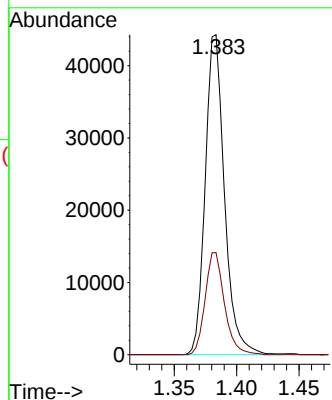
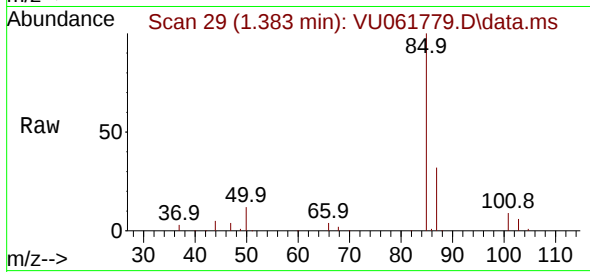




#2
 Dichlorodifluoromethane
 Concen: 3.758 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU061779.D
 Acq: 17 Nov 2024 12:16

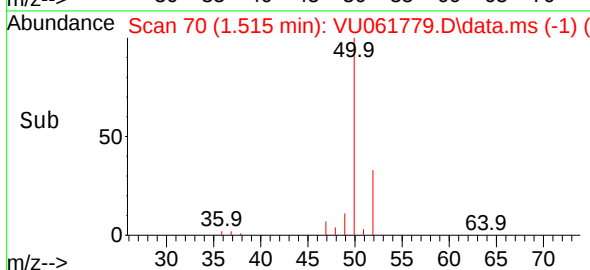
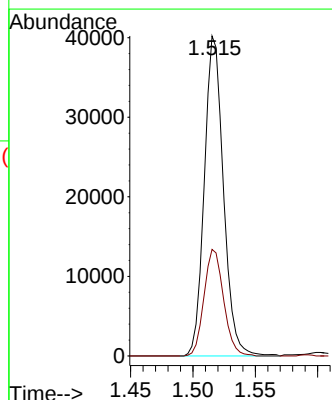
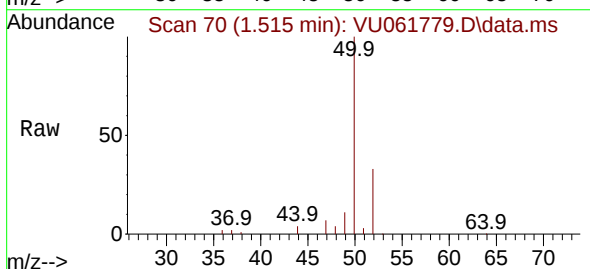
Instrument :
 MSVOA_U
 ClientSampleId :

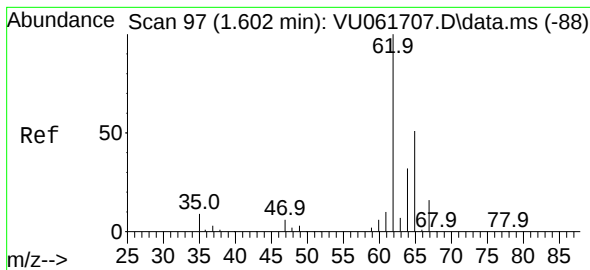
Tgt Ion: 85 Resp: 47584
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.0 39.0



#3
 Chloromethane
 Concen: 3.745 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU061779.D
 Acq: 17 Nov 2024 12:16

Tgt Ion: 50 Resp: 43012
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.2 43.2





#5

Vinyl chloride

Concen: 4.155 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.003 min

Lab File: VU061779.D

Acq: 17 Nov 2024 12:16

Instrument :

MSVOA_U

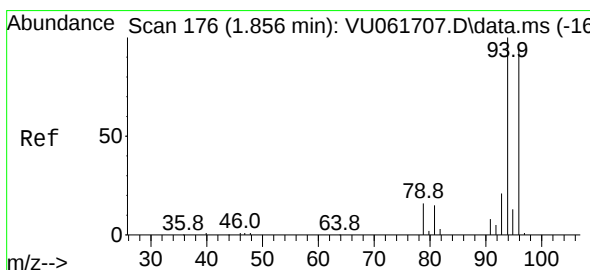
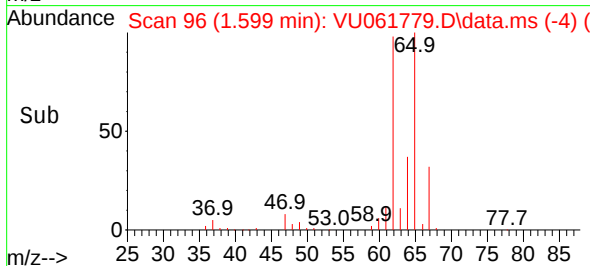
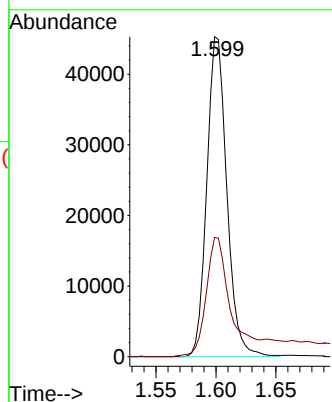
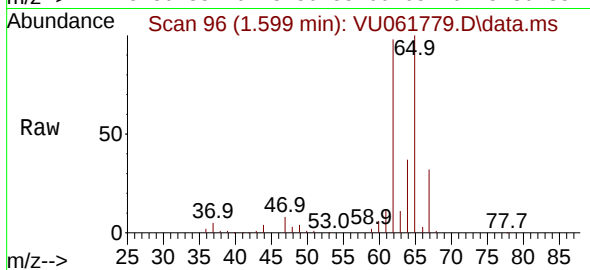
ClientSampleId :

Tgt Ion: 62 Resp: 52666

Ion Ratio Lower Upper

62 100

64 37.3 23.7 44.1



#6

Bromomethane

Concen: 3.626 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.003 min

Lab File: VU061779.D

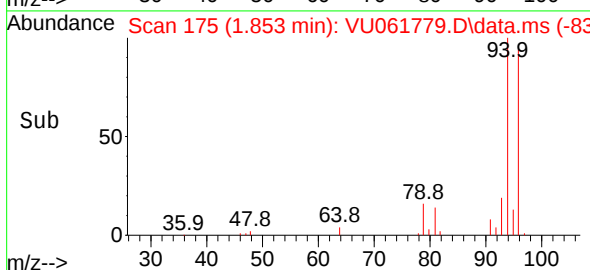
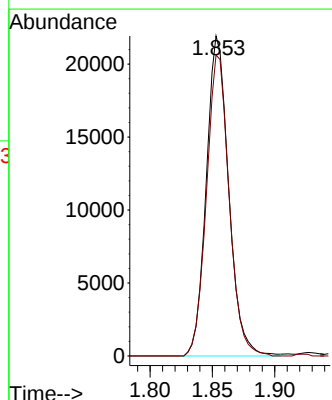
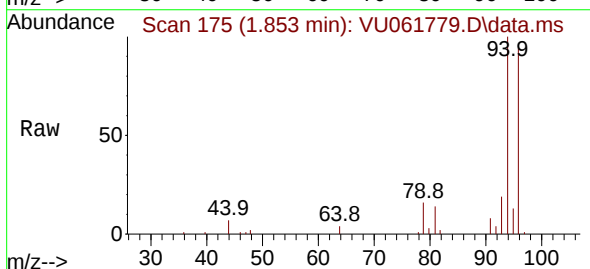
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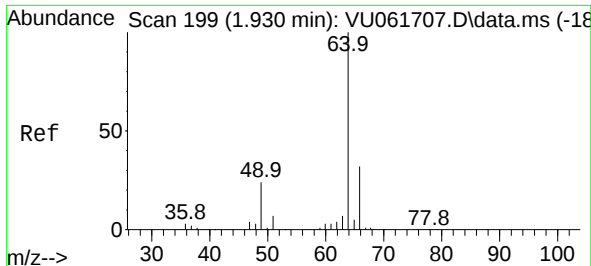
Tgt Ion: 94 Resp: 27426

Ion Ratio Lower Upper

94 100

96 94.1 65.7 121.9

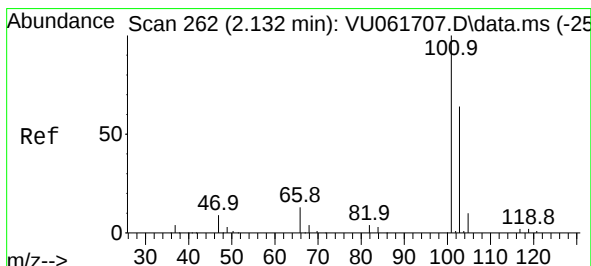
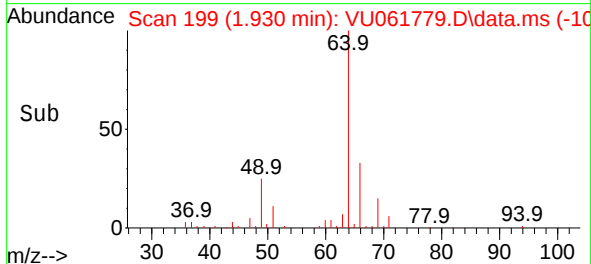
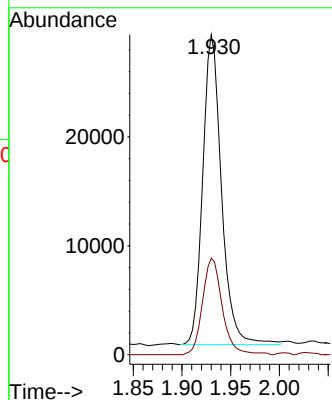
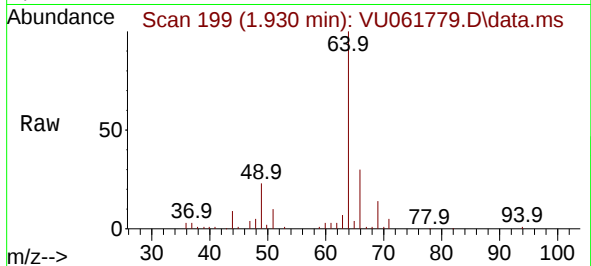




#8
Chloroethane
Concen: 4.334 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061779.D
Acq: 17 Nov 2024 12:16

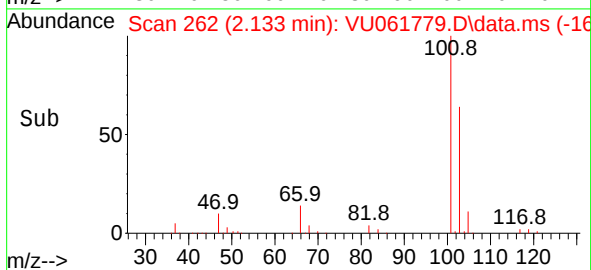
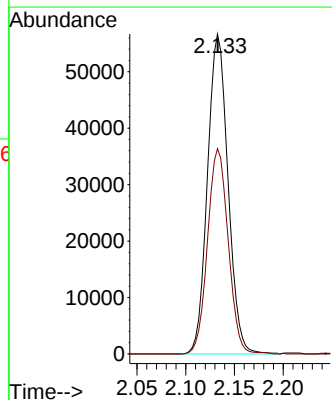
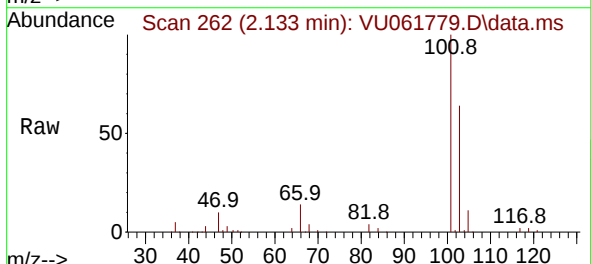
Instrument :
MSVOA_U
ClientSampleId :

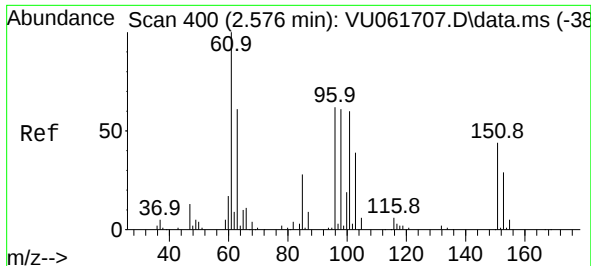
Tgt Ion: 64 Resp: 38108
Ion Ratio Lower Upper
64 100
66 30.2 23.1 42.9



#9
Trichlorofluoromethane
Concen: 4.457 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061779.D
Acq: 17 Nov 2024 12:16

Tgt Ion:101 Resp: 83047
Ion Ratio Lower Upper
101 100
103 64.5 52.2 78.2

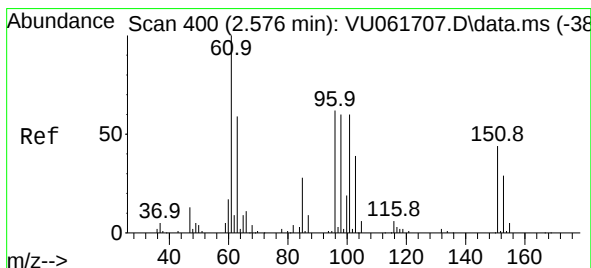
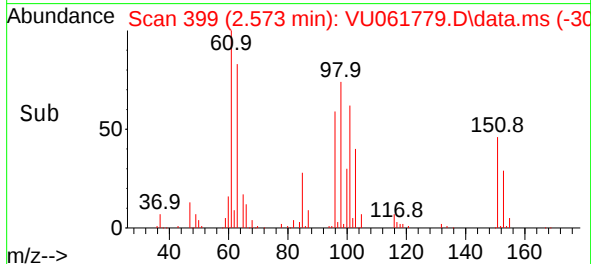
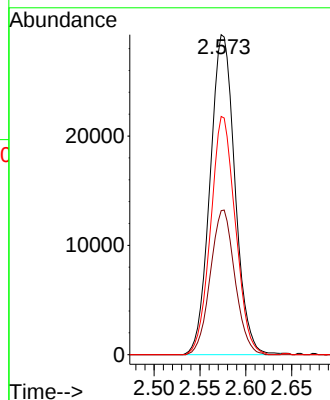
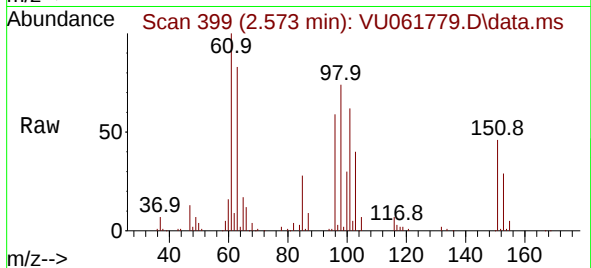




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.008 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU061779.D
Acq: 17 Nov 2024 12:16

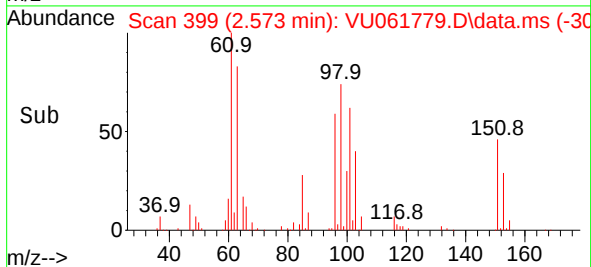
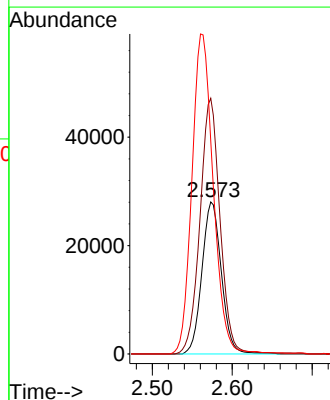
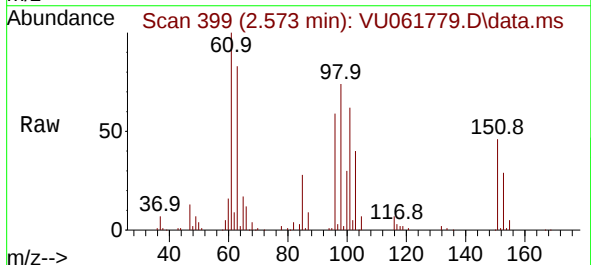
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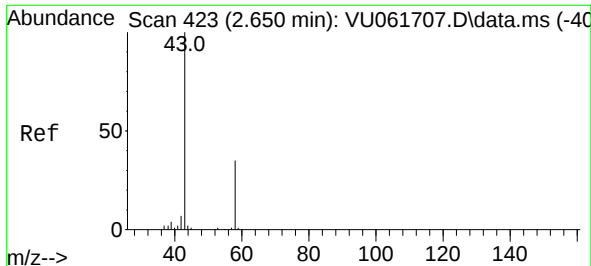
Tgt Ion:101 Resp: 55166
Ion Ratio Lower Upper
101 100
85 44.6 35.1 52.7
151 74.1 56.9 85.3



#12
1,1-Dichloroethene
Concen: 4.611 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU061779.D
Acq: 17 Nov 2024 12:16

Tgt Ion: 96 Resp: 47417
Ion Ratio Lower Upper
96 100
61 168.2 116.8 217.0
63 140.1 86.1 159.9





#13

Acetone

Concen: 52.725 ug/L

RT: 2.647 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU061779.D

Acq: 17 Nov 2024 12:16

Instrument :

MSVOA_U

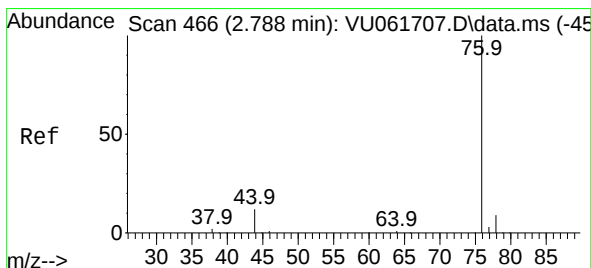
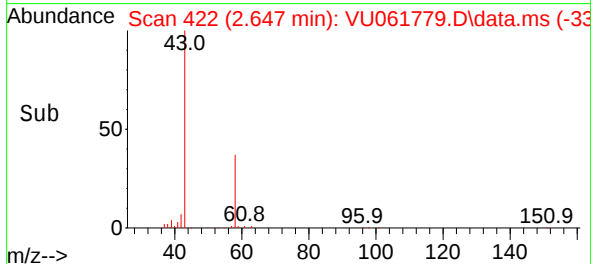
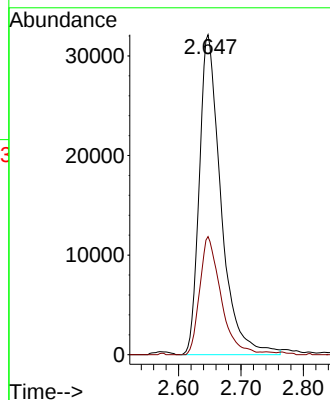
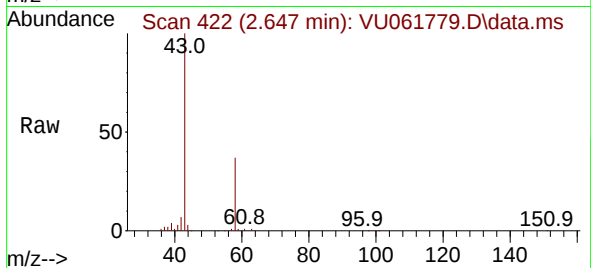
ClientSampleId :

Tgt Ion: 43 Resp: 77604

Ion Ratio Lower Upper

43 100

58 35.9 0.0 69.8



#14

Carbon disulfide

Concen: 3.473 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU061779.D

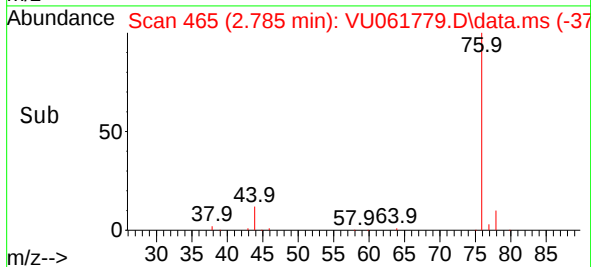
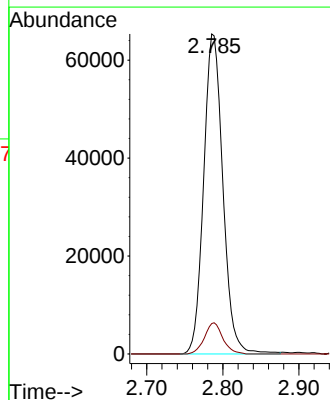
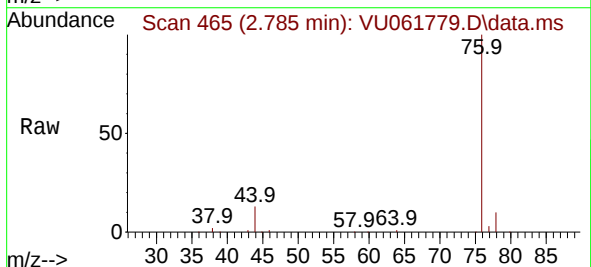
Acq: 17 Nov 2024 12:16

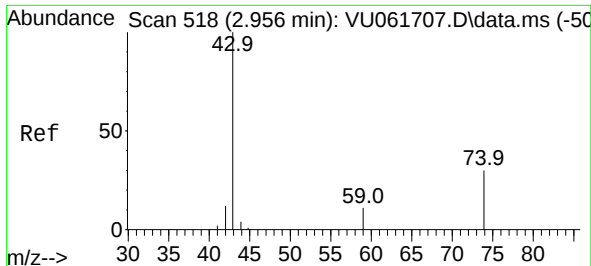
Tgt Ion: 76 Resp: 114707

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9





#15

Methyl Acetate

Concen: 5.154 ug/L

RT: 2.953 min Scan# 51

Delta R.T. -0.003 min

Lab File: VU061779.D

Acq: 17 Nov 2024 12:16

Instrument :

MSVOA_U

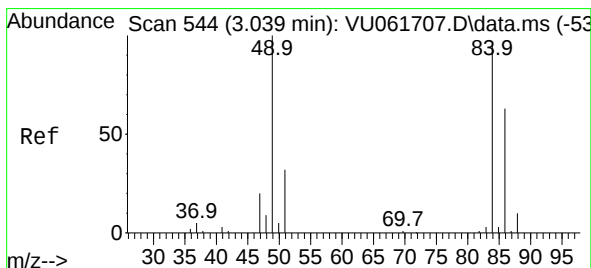
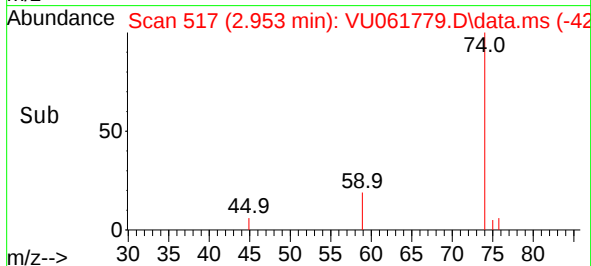
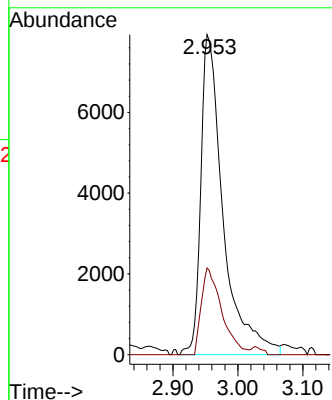
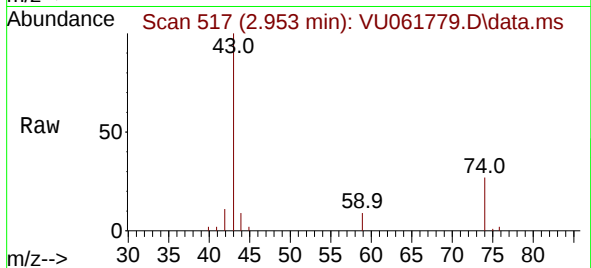
ClientSampleId :

Tgt Ion: 43 Resp: 18953

Ion Ratio Lower Upper

43 100

74 24.8 22.5 33.7



#16

Methylene chloride

Concen: 4.744 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU061779.D

Acq: 17 Nov 2024 12:16

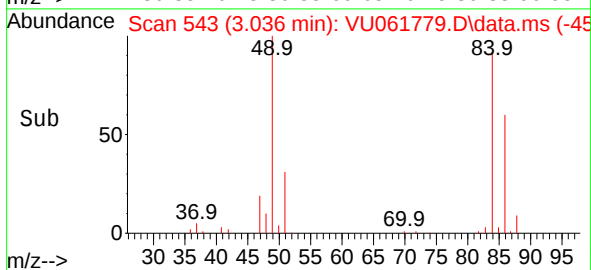
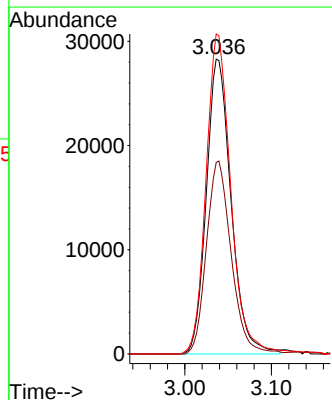
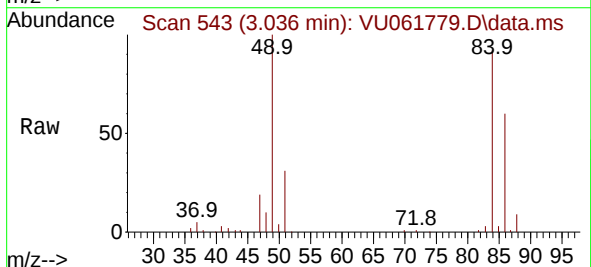
Tgt Ion: 84 Resp: 56228

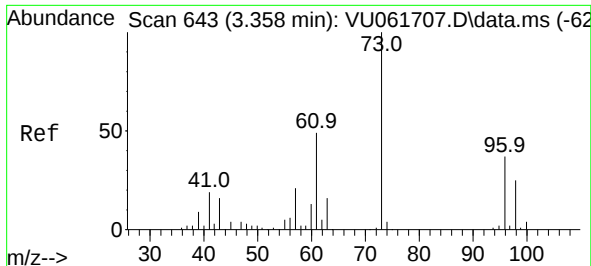
Ion Ratio Lower Upper

84 100

86 65.0 45.1 83.7

49 108.5 76.3 141.7

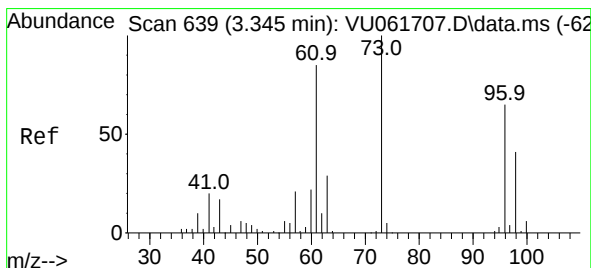
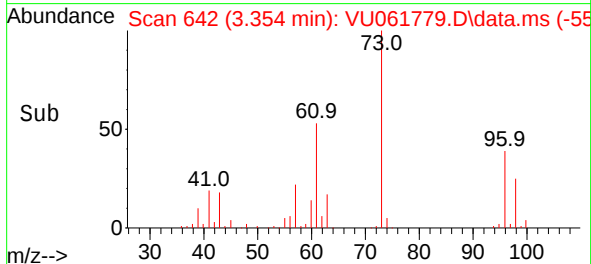
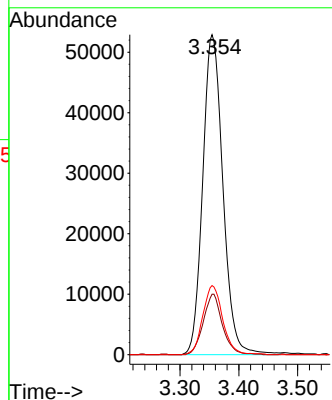
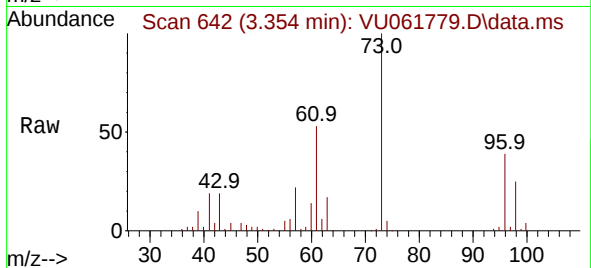




#17
Methyl tert-butyl Ether
Concen: 5.006 ug/L
RT: 3.354 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU061779.D
Acq: 17 Nov 2024 12:16

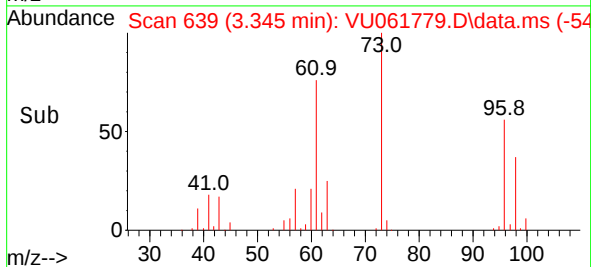
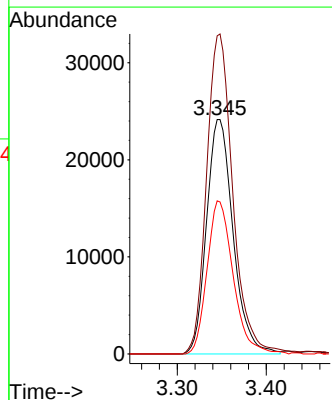
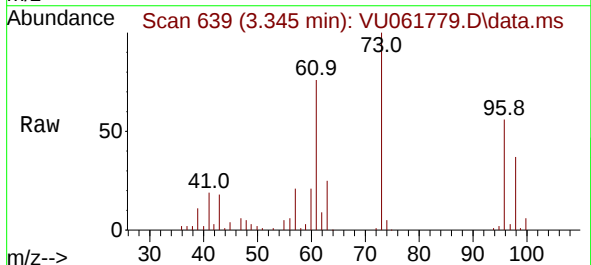
Instrument :
MSVOA_U
ClientSampleId :

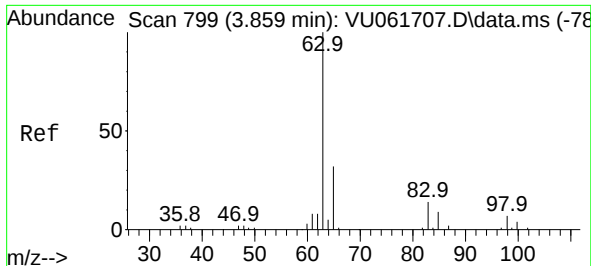
Tgt Ion: 73 Resp: 126182
Ion Ratio Lower Upper
73 100
43 17.8 14.2 21.4
57 21.3 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 4.434 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU061779.D
Acq: 17 Nov 2024 12:16

Tgt Ion: 96 Resp: 50016
Ion Ratio Lower Upper
96 100
61 135.7 94.1 174.8
98 65.3 43.2 80.2

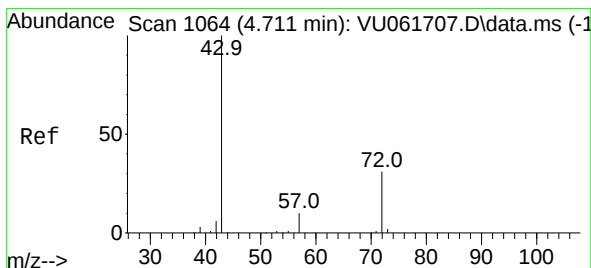
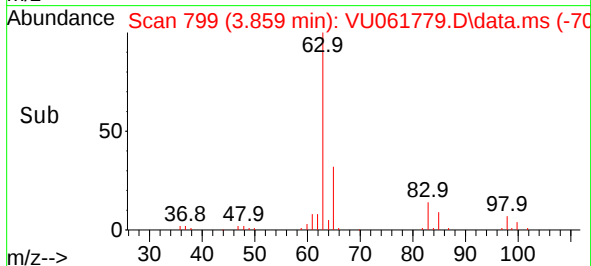
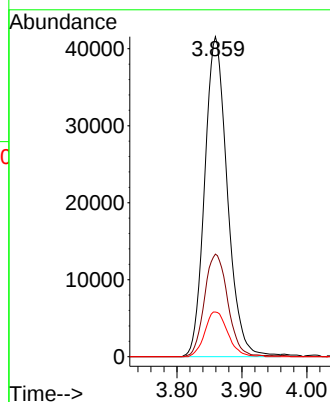
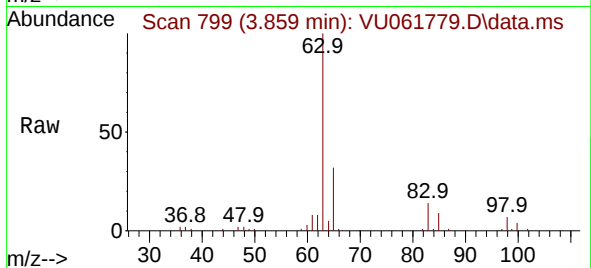




#19
1,1-Dichloroethane
Concen: 4.899 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061779.D
Acq: 17 Nov 2024 12:16

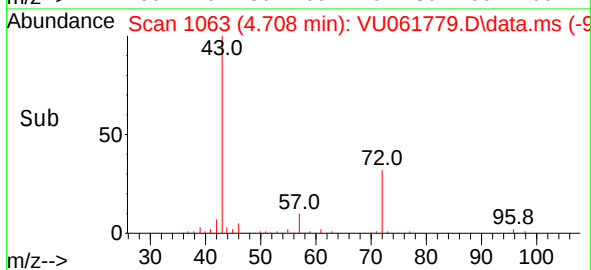
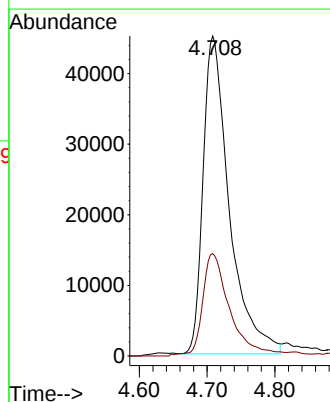
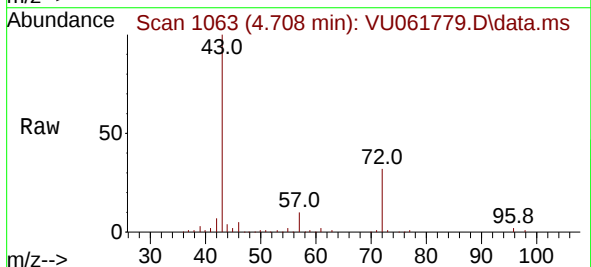
Instrument :
MSVOA_U
ClientSampleId :

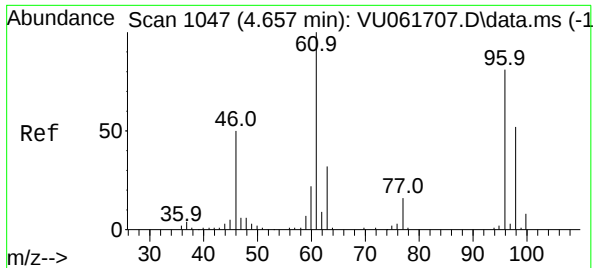
Tgt Ion: 63 Resp: 100739
Ion Ratio Lower Upper
63 100
65 32.1 23.4 43.4
83 13.9 9.6 17.8



#21
2-Butanone
Concen: 50.307 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.003 min
Lab File: VU061779.D
Acq: 17 Nov 2024 12:16

Tgt Ion: 43 Resp: 120929
Ion Ratio Lower Upper
43 100
72 33.5 15.8 47.3

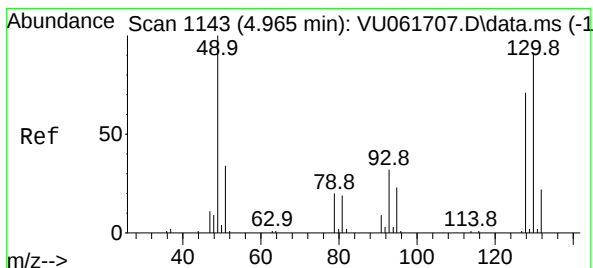
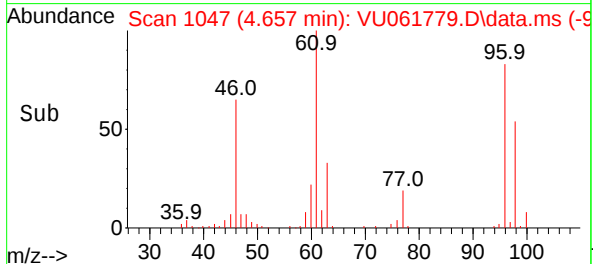
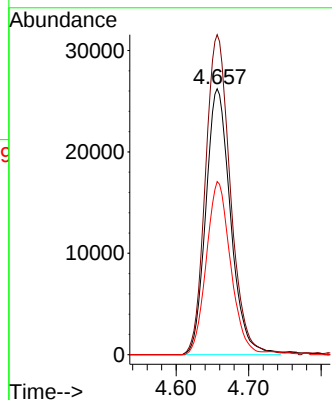
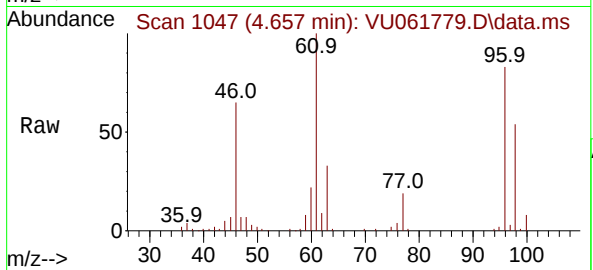




#22
 cis-1,2-Dichloroethene
 Concen: 4.883 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061779.D
 Acq: 17 Nov 2024 12:16

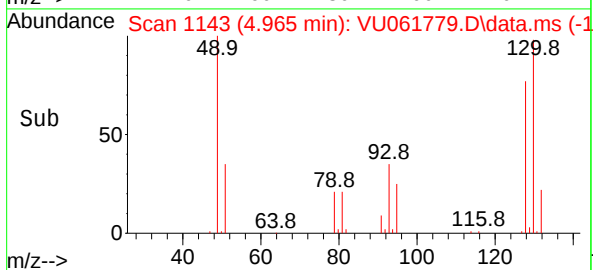
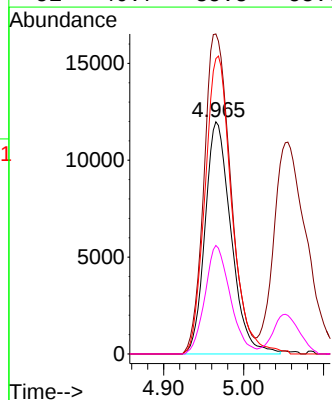
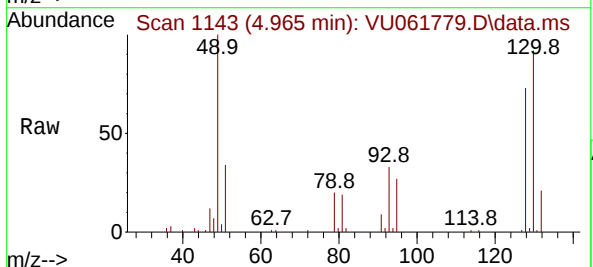
Instrument :
 MSVOA_U
 ClientSampleId :

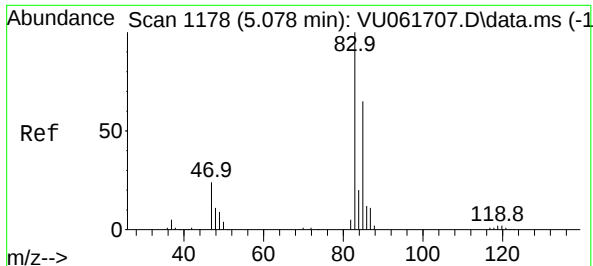
Tgt Ion: 96 Resp: 62115
 Ion Ratio Lower Upper
 96 100
 61 120.3 85.6 159.0
 98 65.1 45.6 84.8



#23
 Bromochloromethane
 Concen: 4.791 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU061779.D
 Acq: 17 Nov 2024 12:16

Tgt Ion: 128 Resp: 27070
 Ion Ratio Lower Upper
 128 100
 49 137.9 99.1 184.1
 130 127.3 88.6 164.6
 51 46.7 35.8 53.6





#25

Chloroform

Concen: 5.080 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061779.D

Acq: 17 Nov 2024 12:16

Instrument :

MSVOA_U

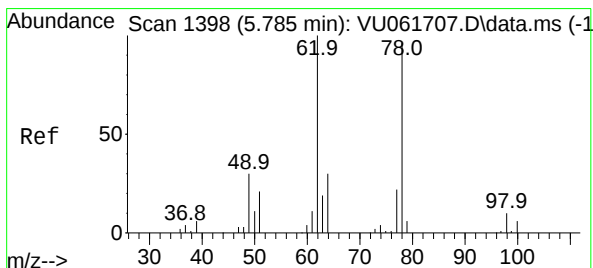
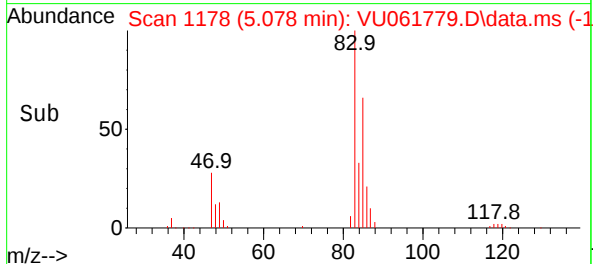
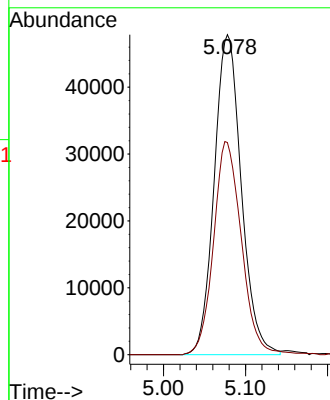
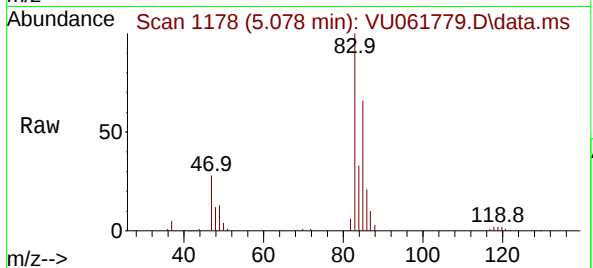
ClientSampleId :

Tgt Ion: 83 Resp: 110103

Ion Ratio Lower Upper

83 100

85 66.3 44.1 81.9



#27

1,2-Dichloroethane

Concen: 4.898 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU061779.D

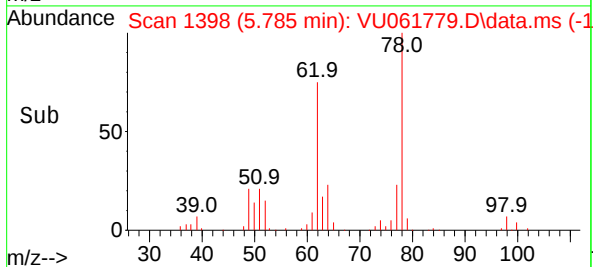
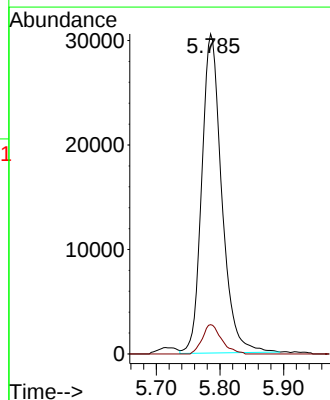
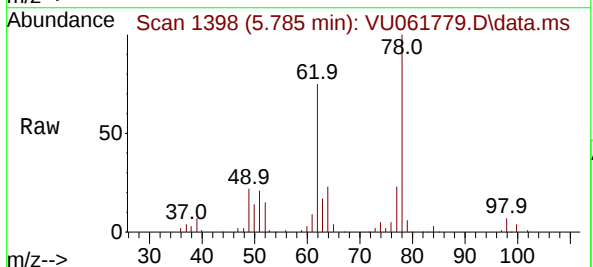
Acq: 17 Nov 2024 12:16

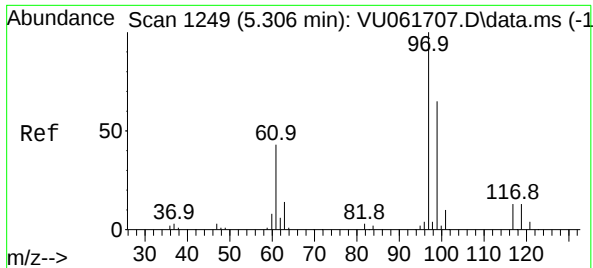
Tgt Ion: 62 Resp: 66626

Ion Ratio Lower Upper

62 100

98 9.2 7.7 11.5



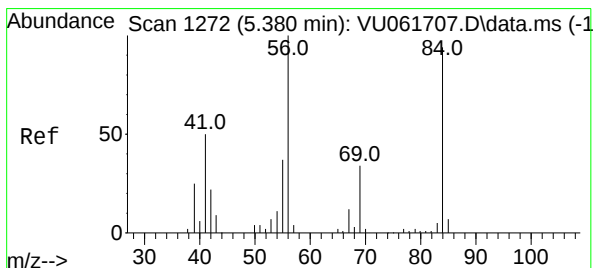
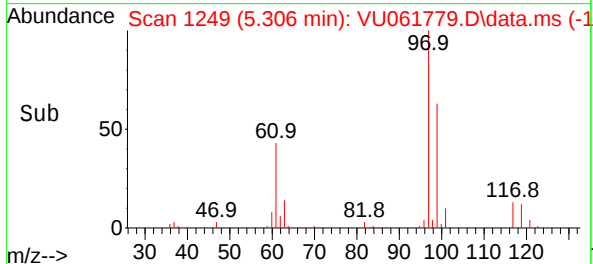
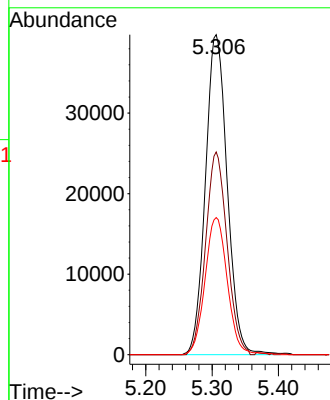
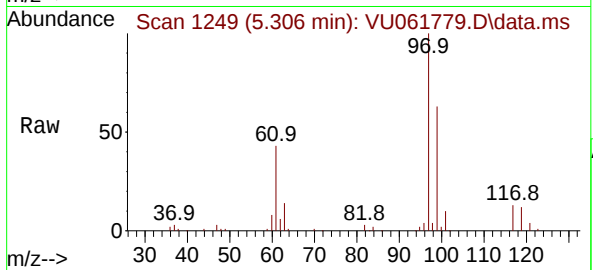


#29
1,1,1-Trichloroethane
Concen: 4.917 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061779.D
Acq: 17 Nov 2024 12:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 90940

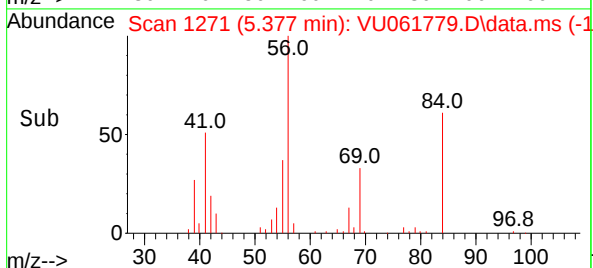
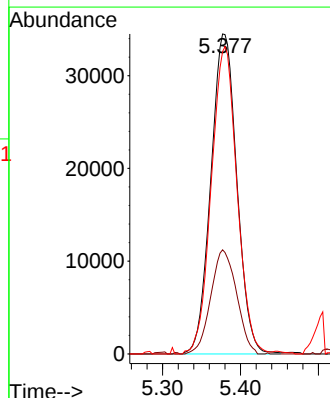
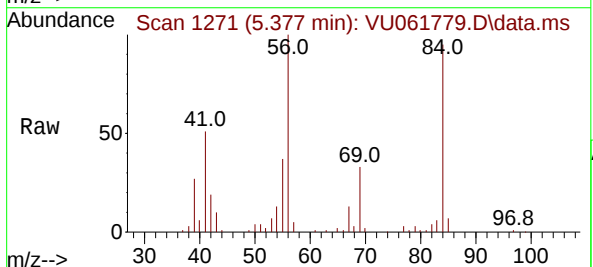
Ion	Ratio	Lower	Upper
97	100		
99	62.4	51.7	77.5
61	43.8	35.4	53.0

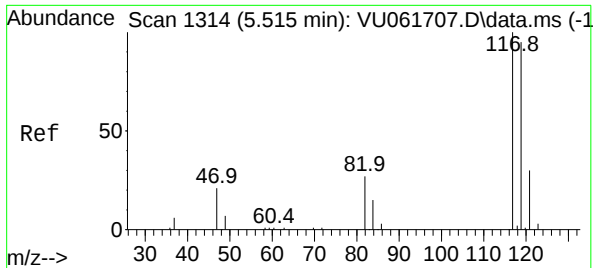


#30
Cyclohexane
Concen: 4.325 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU061779.D
Acq: 17 Nov 2024 12:16

Tgt Ion: 56 Resp: 79917

Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.6	38.4
84	95.1	74.3	111.5

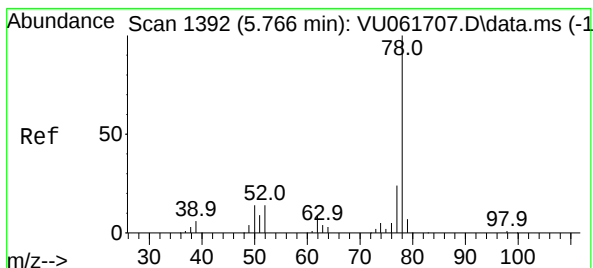
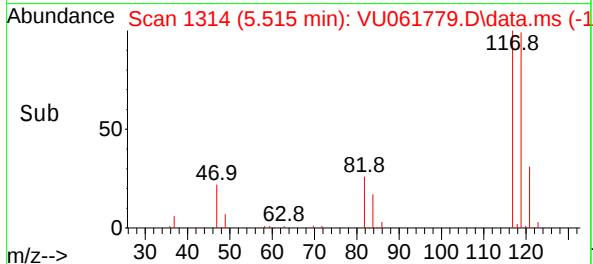
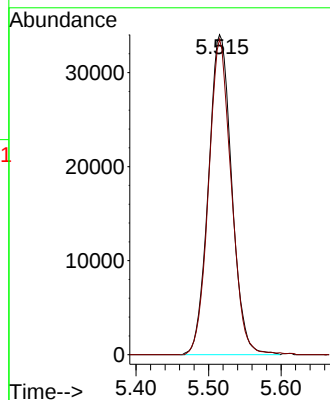
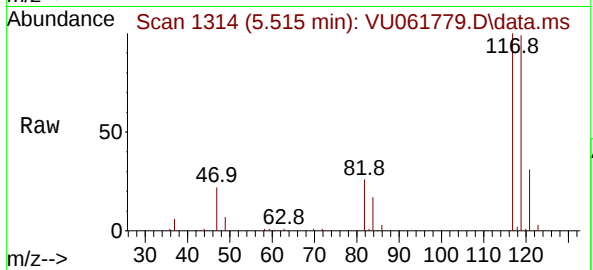




#31
Carbon tetrachloride
Concen: 4.815 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061779.D
Acq: 17 Nov 2024 12:16

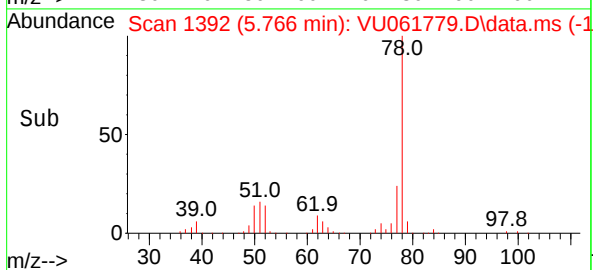
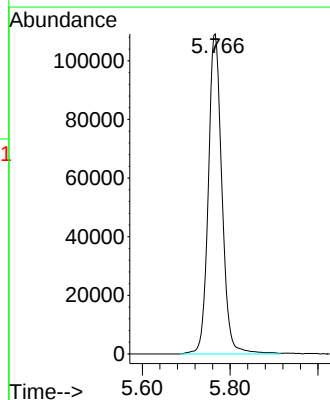
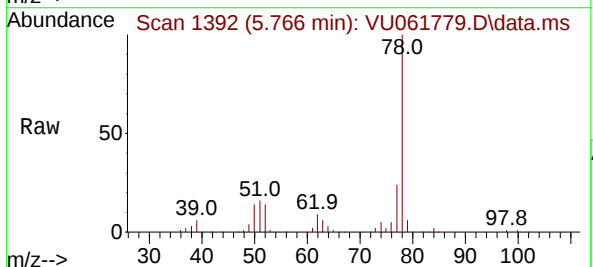
Instrument :
MSVOA_U
ClientSampleId :

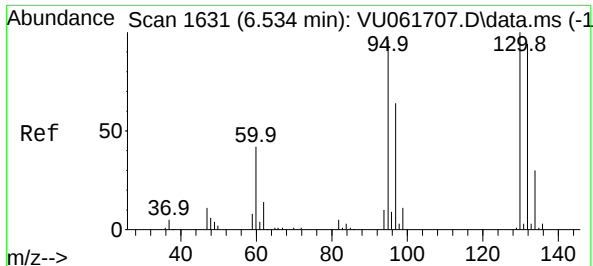
Tgt Ion:117 Resp: 75861
Ion Ratio Lower Upper
117 100
119 96.2 76.6 114.8



#33
Benzene
Concen: 4.785 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061779.D
Acq: 17 Nov 2024 12:16

Tgt Ion: 78 Resp: 235408





#34

Trichloroethene

Concen: 4.765 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU061779.D

Acq: 17 Nov 2024 12:16

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 63293

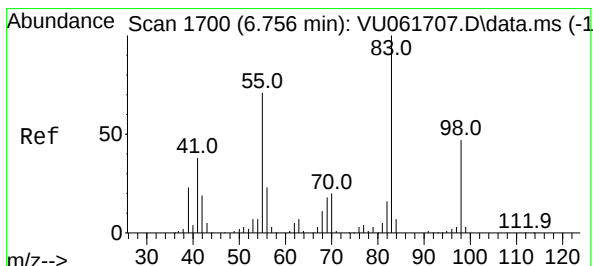
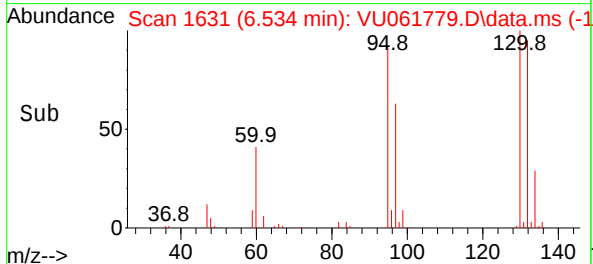
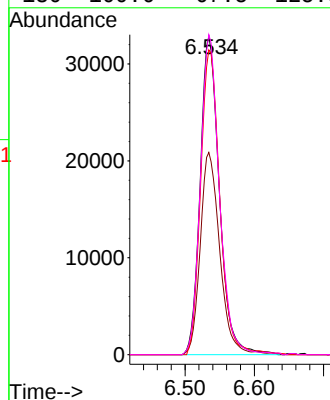
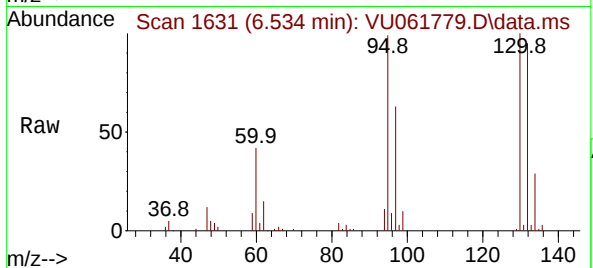
Ion Ratio Lower Upper

95 100

97 63.6 43.5 80.9

132 95.9 65.2 121.0

130 100.6 67.5 125.3



#35

Methylcyclohexane

Concen: 4.491 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU061779.D

Acq: 17 Nov 2024 12:16

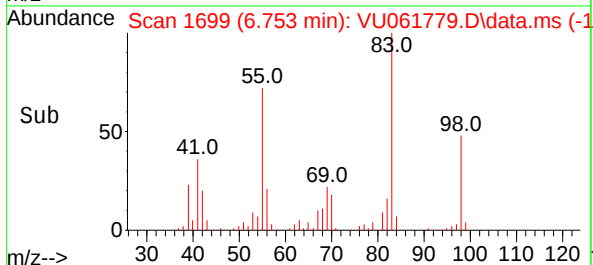
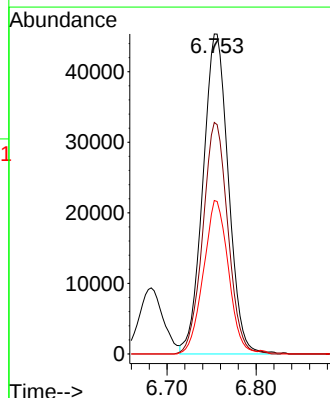
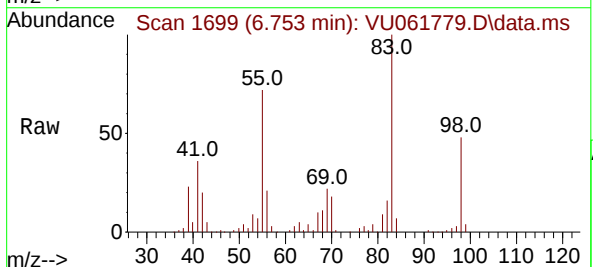
Tgt Ion: 83 Resp: 89972

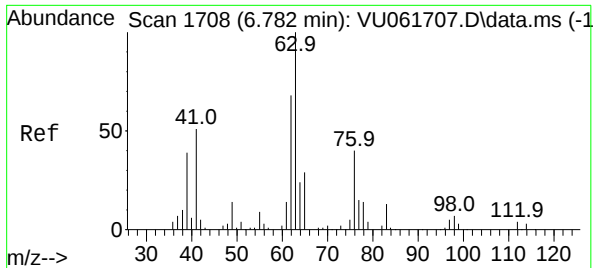
Ion Ratio Lower Upper

83 100

55 71.2 56.4 84.6

98 47.0 37.7 56.5

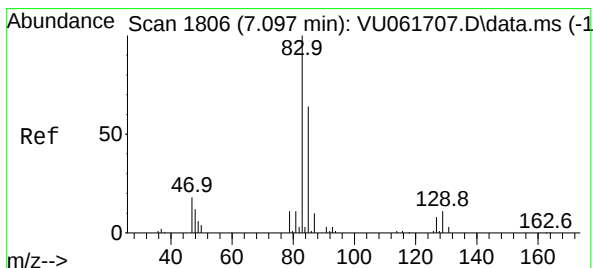
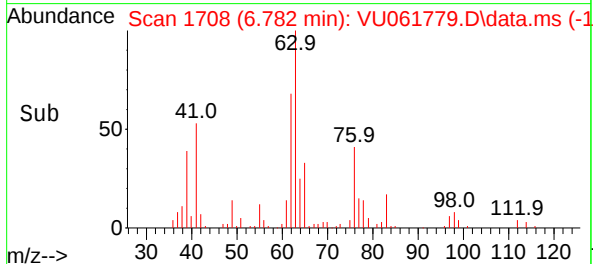
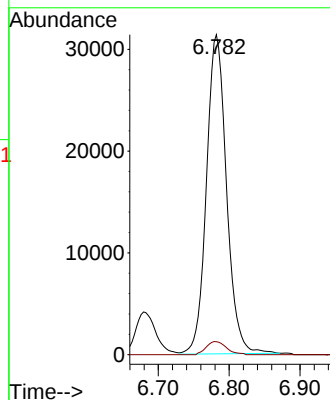
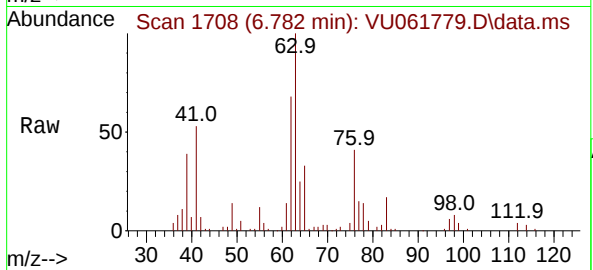




#37
1,2-Dichloropropane
Concen: 4.940 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU061779.D
Acq: 17 Nov 2024 12:16

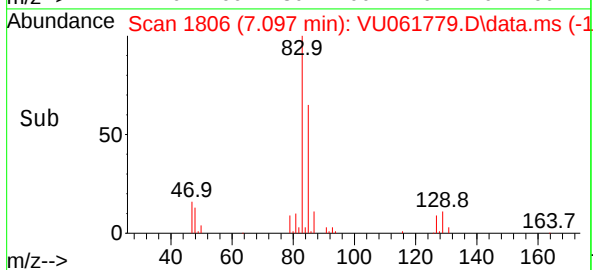
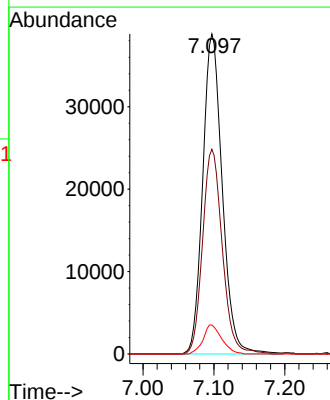
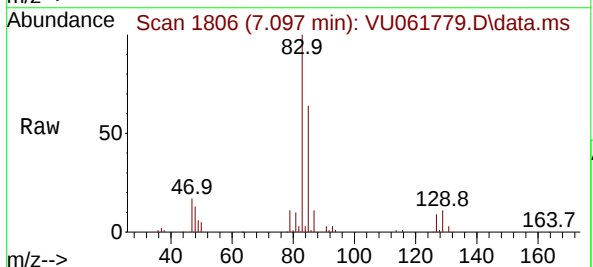
Instrument :
MSVOA_U
ClientSampleId :

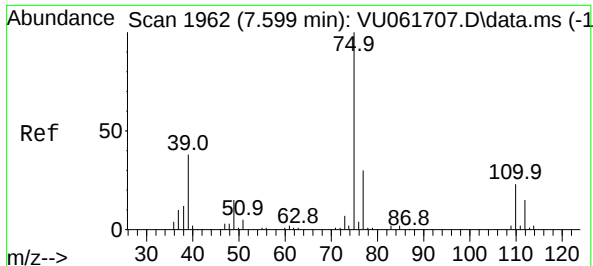
Tgt Ion: 63 Resp: 61654
Ion Ratio Lower Upper
63 100
112 4.1 3.0 4.4



#38
Bromodichloromethane
Concen: 4.959 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061779.D
Acq: 17 Nov 2024 12:16

Tgt Ion: 83 Resp: 74255
Ion Ratio Lower Upper
83 100
85 64.0 45.0 83.6
127 9.0 6.9 10.3

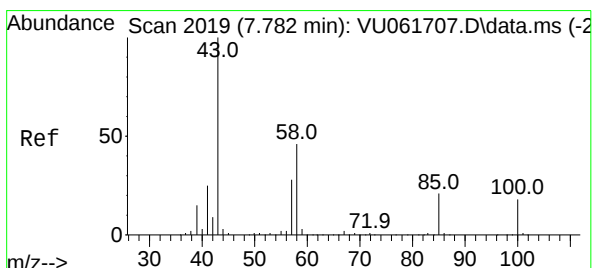
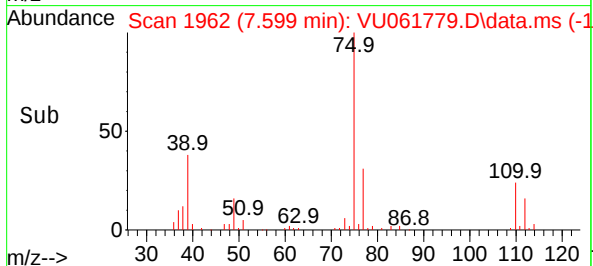
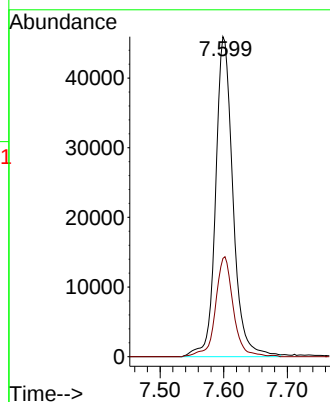
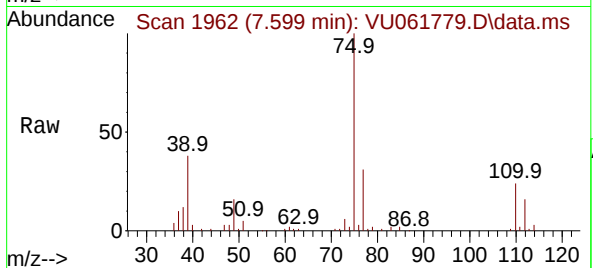




#39
cis-1,3-Dichloropropene
Concen: 4.905 ug/L
RT: 7.599 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VU061779.D
Acq: 17 Nov 2024 12:16

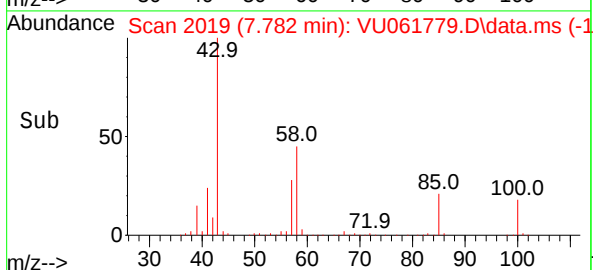
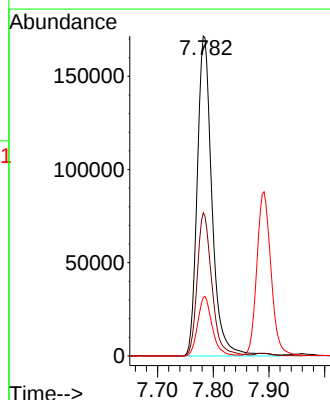
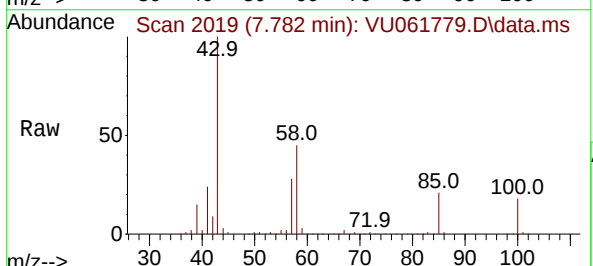
Instrument :
MSVOA_U
ClientSampleId :

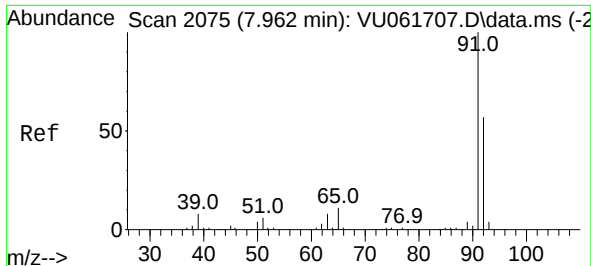
Tgt Ion: 75 Resp: 87117
Ion Ratio Lower Upper
75 100
77 30.7 22.9 42.5



#40
4-Methyl-2-pentanone
Concen: 53.001 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VU061779.D
Acq: 17 Nov 2024 12:16

Tgt Ion: 43 Resp: 317157
Ion Ratio Lower Upper
43 100
58 44.3 35.7 53.5
100 18.1 14.2 21.2





#42

Toluene

Concen: 4.855 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061779.D

Acq: 17 Nov 2024 12:16

Instrument :

MSVOA_U

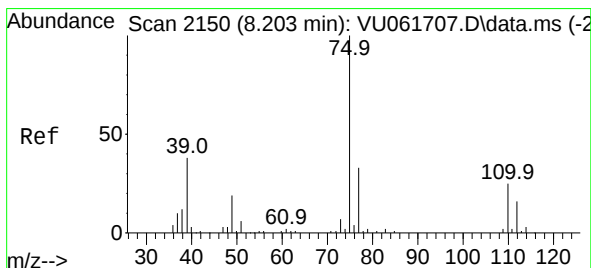
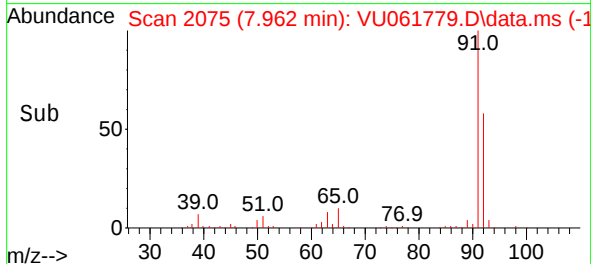
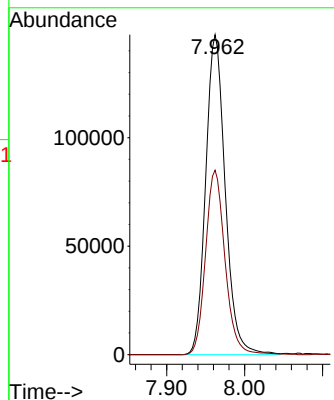
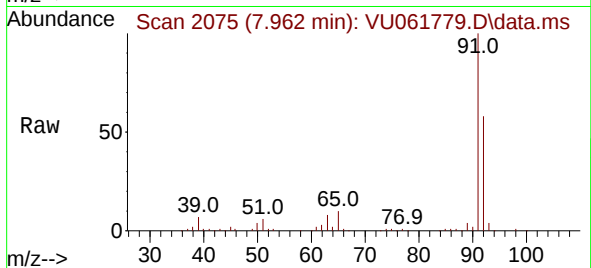
ClientSampleId :

Tgt Ion: 91 Resp: 257144

Ion Ratio Lower Upper

91 100

92 57.7 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 4.997 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061779.D

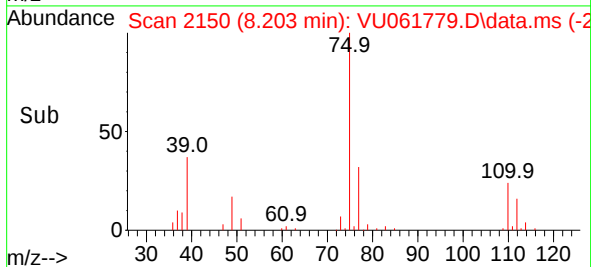
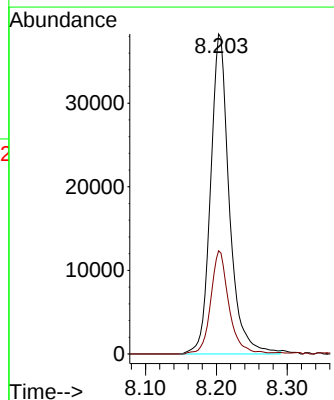
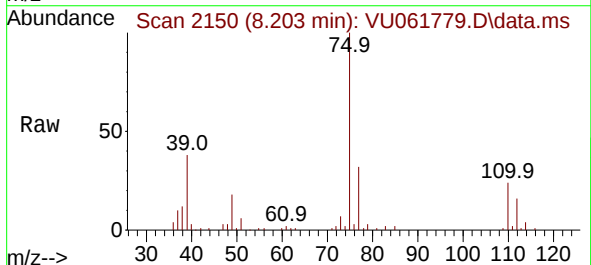
Acq: 17 Nov 2024 12:16

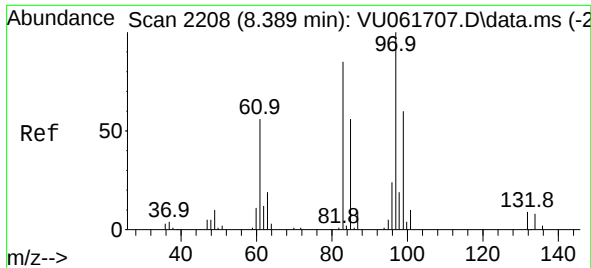
Tgt Ion: 75 Resp: 70395

Ion Ratio Lower Upper

75 100

77 32.2 21.7 40.3

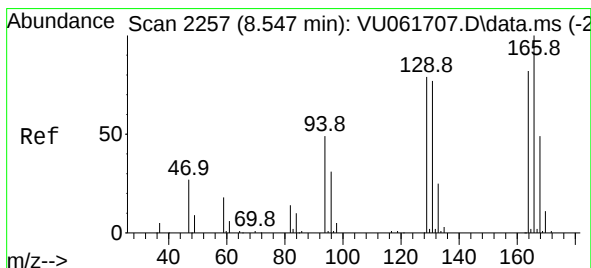
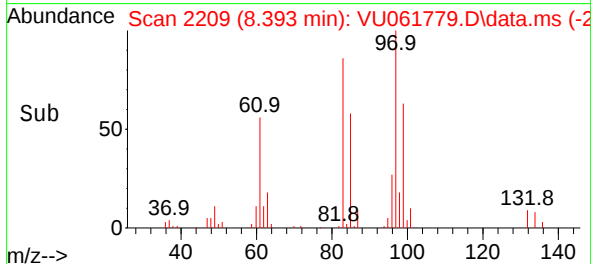
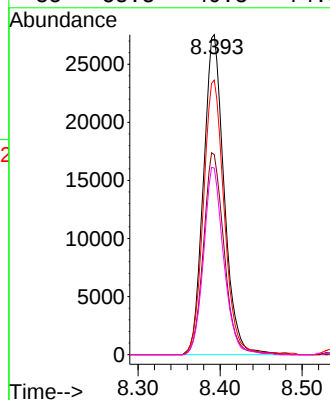
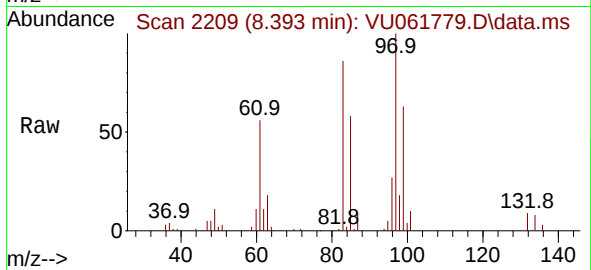




#45
1,1,2-Trichloroethane
Concen: 5.296 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU061779.D
Acq: 17 Nov 2024 12:16

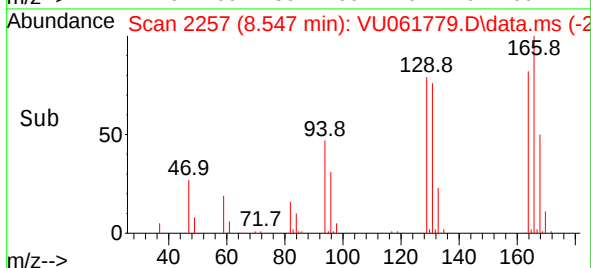
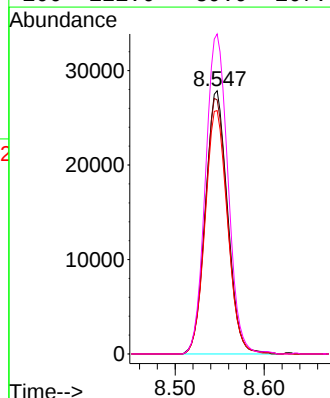
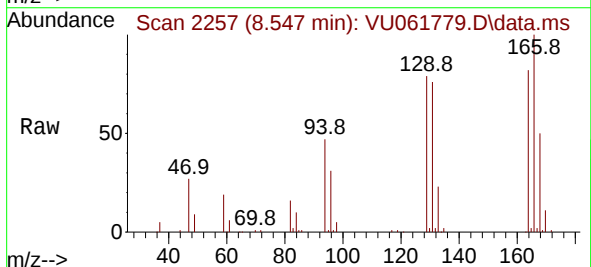
Instrument :
MSVOA_U
ClientSampleId :

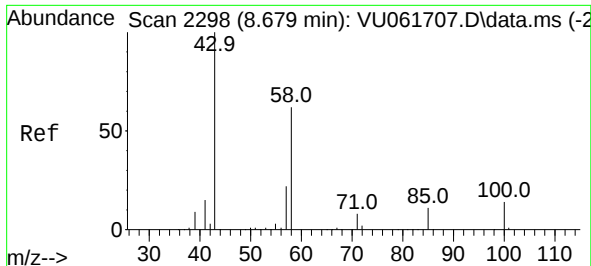
Tgt Ion:	97	Resp:	48181
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.8	81.3
83	85.8	63.2	117.4
85	58.3	40.3	74.8



#47
Tetrachloroethene
Concen: 4.843 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU061779.D
Acq: 17 Nov 2024 12:16

Tgt Ion:	164	Resp:	48336
Ion	Ratio	Lower	Upper
164	100		
129	96.6	71.7	133.3
131	92.5	68.2	126.6
166	121.6	89.9	167.0

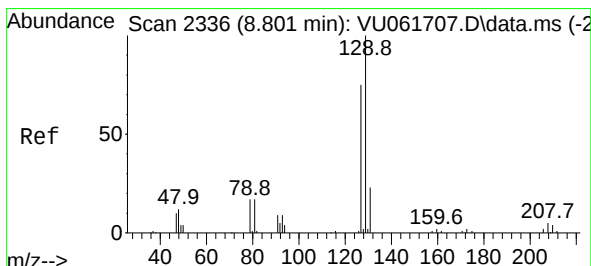
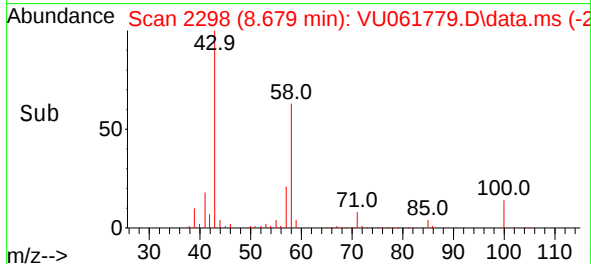
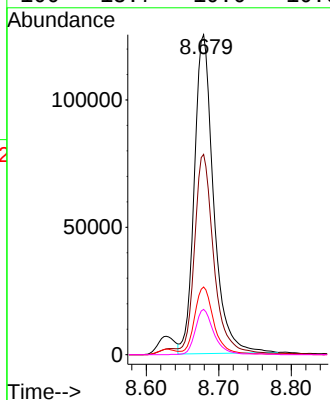
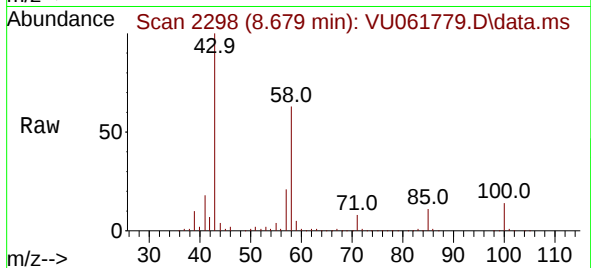




#48
2-Hexanone
Concen: 54.125 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU061779.D
Acq: 17 Nov 2024 12:16

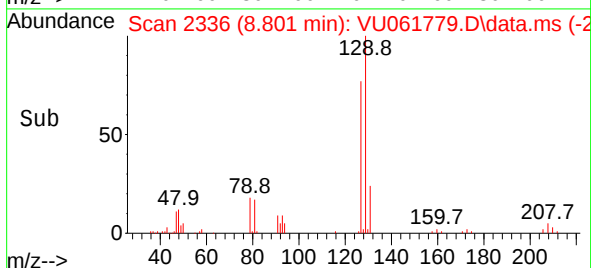
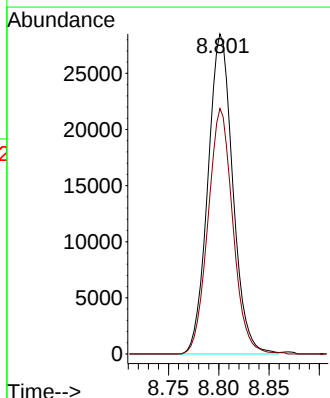
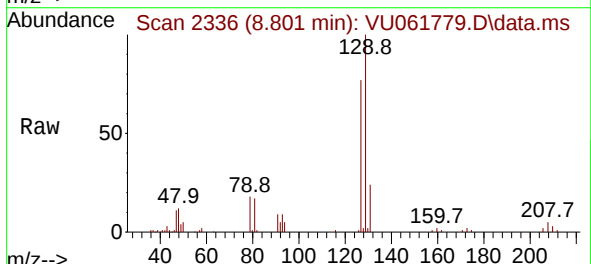
Instrument :
MSVOA_U
ClientSampleId :

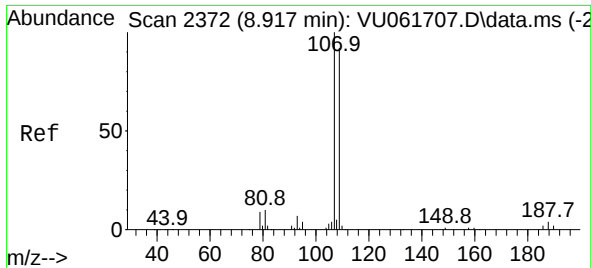
Tgt Ion:	43	Resp:	231581
Ion	Ratio	Lower	Upper
43	100		
58	62.7	49.4	74.2
57	20.7	16.3	24.5
100	13.7	10.6	16.0



#49
Dibromochloromethane
Concen: 5.148 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061779.D
Acq: 17 Nov 2024 12:16

Tgt Ion:	129	Resp:	49114
Ion	Ratio	Lower	Upper
129	100		
127	76.7	55.1	102.3

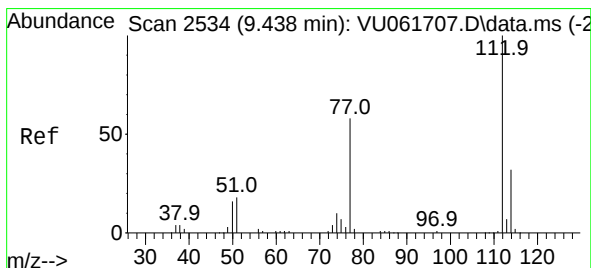
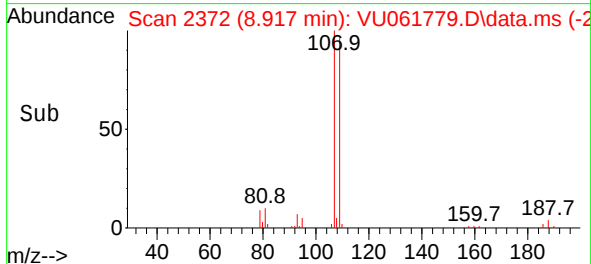
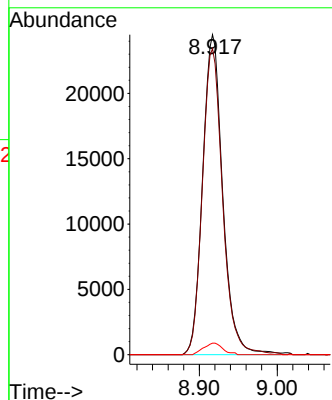
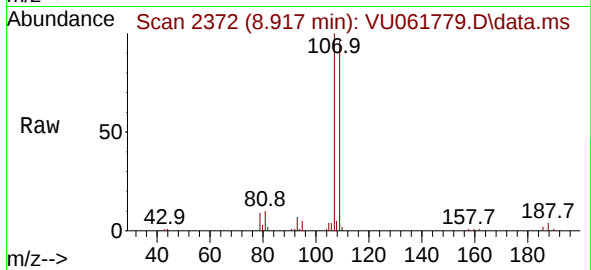




#50
1,2-Dibromoethane
Concen: 5.114 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU061779.D
Acq: 17 Nov 2024 12:16

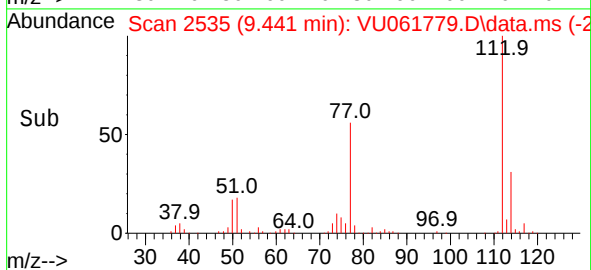
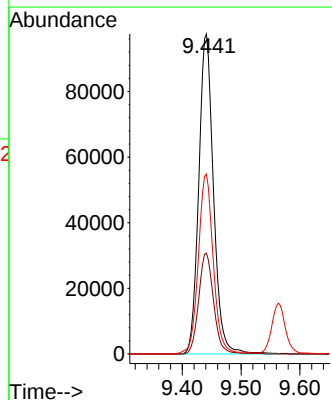
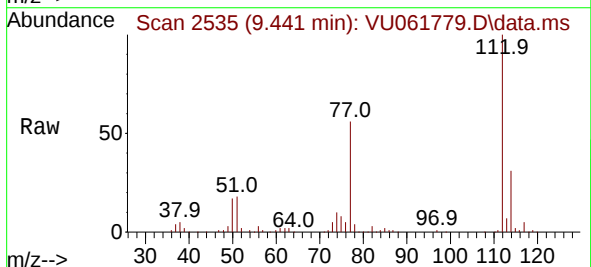
Instrument :
MSVOA_U
ClientSampleId :

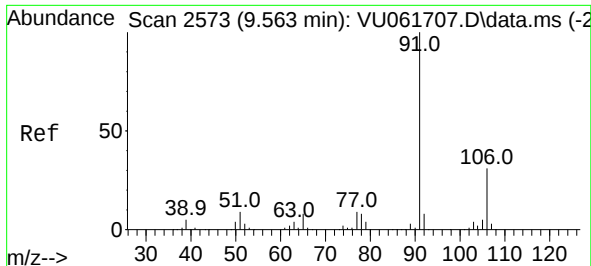
Tgt Ion:107 Resp: 43885
Ion Ratio Lower Upper
107 100
109 95.7 64.8 120.4
188 3.6 2.5 3.7



#51
Chlorobenzene
Concen: 4.977 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU061779.D
Acq: 17 Nov 2024 12:16

Tgt Ion:112 Resp: 169685
Ion Ratio Lower Upper
112 100
114 31.5 22.5 41.9
77 56.2 45.3 67.9

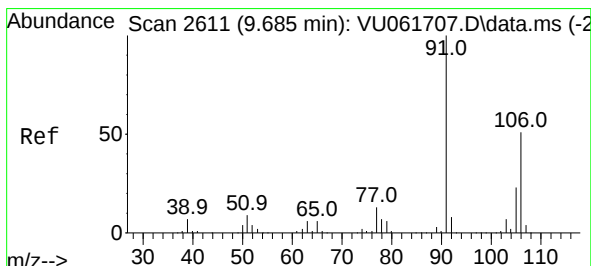
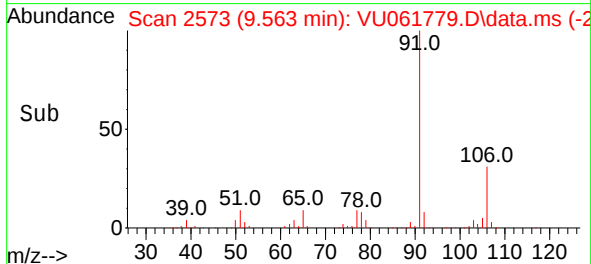
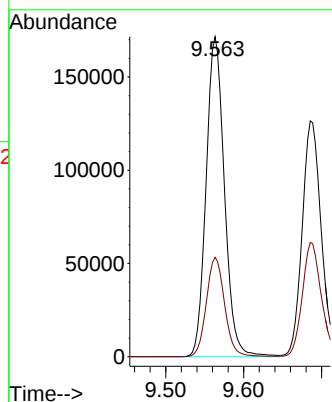
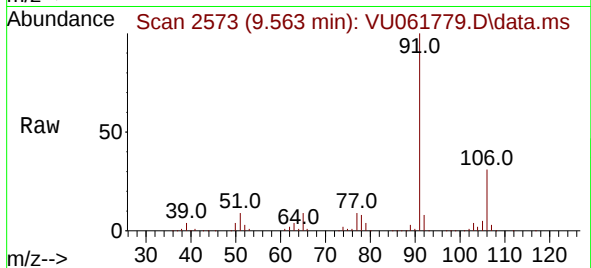




#52
Ethylbenzene
Concen: 4.967 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061779.D
Acq: 17 Nov 2024 12:16

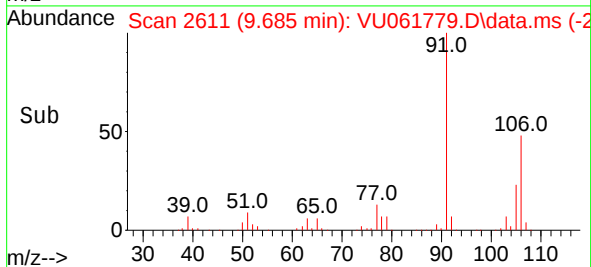
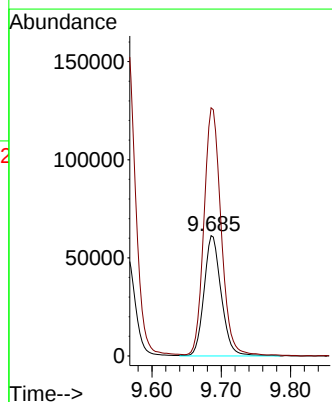
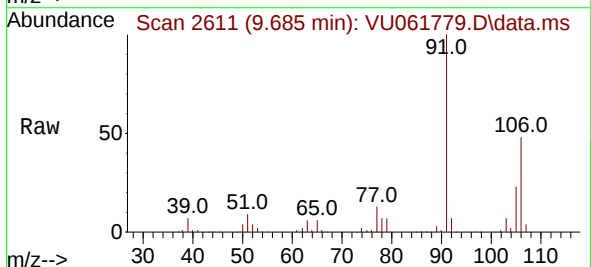
Instrument :
MSVOA_U
ClientSampleId :

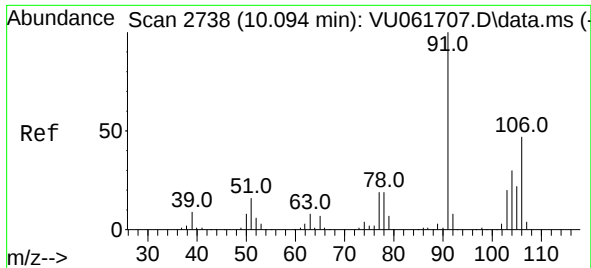
Tgt Ion: 91 Resp: 280251
Ion Ratio Lower Upper
91 100
106 31.1 21.7 40.3



#53
m,p-Xylene
Concen: 4.895 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU061779.D
Acq: 17 Nov 2024 12:16

Tgt Ion:106 Resp: 105681
Ion Ratio Lower Upper
106 100
91 206.4 140.4 260.8

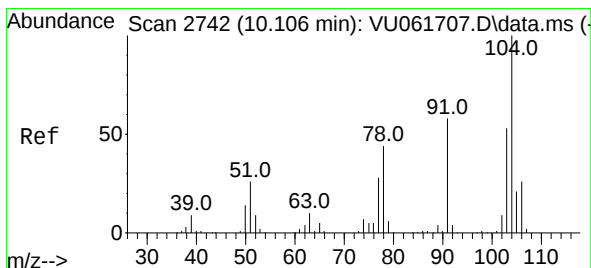
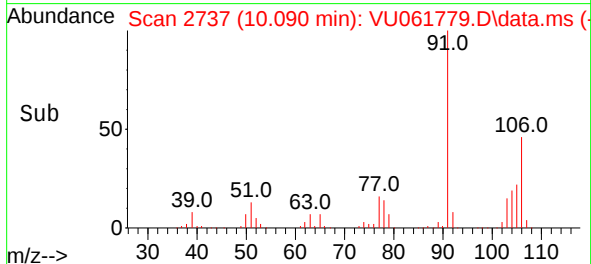
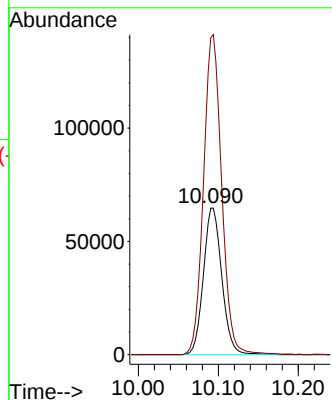
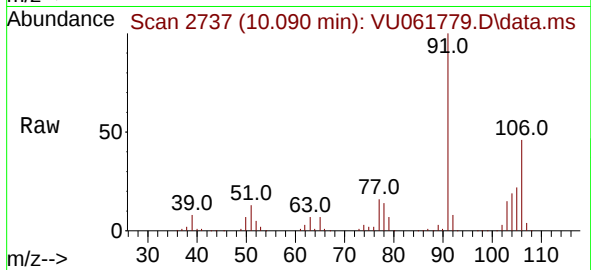




#54
o-Xylene
Concen: 4.947 ug/L
RT: 10.090 min Scan# 2738
Delta R.T. -0.003 min
Lab File: VU061779.D
Acq: 17 Nov 2024 12:16

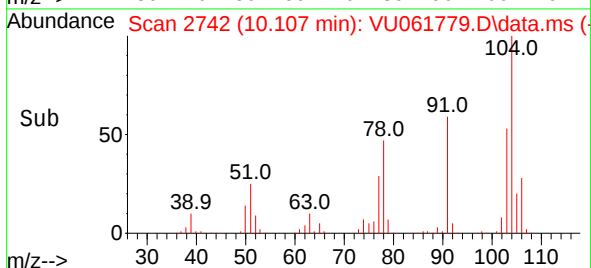
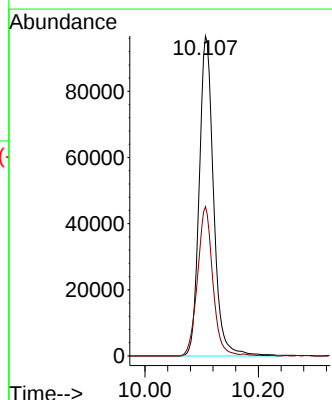
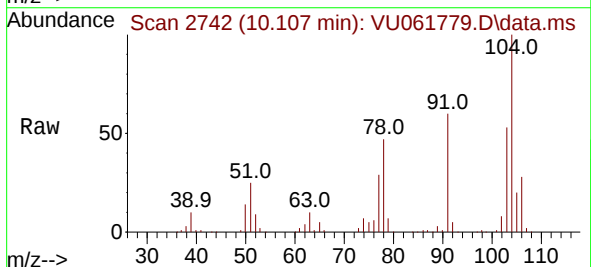
Instrument :
MSVOA_U
ClientSampleId :

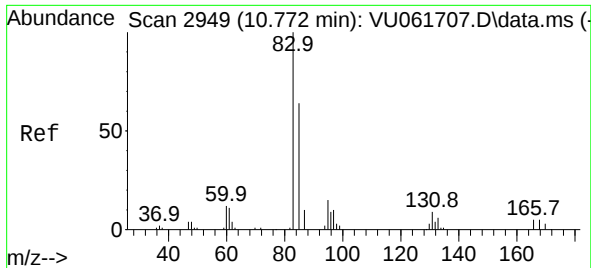
Tgt Ion:106 Resp: 103803
Ion Ratio Lower Upper
106 100
91 216.3 151.3 280.9



#55
Styrene
Concen: 5.097 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU061779.D
Acq: 17 Nov 2024 12:16

Tgt Ion:104 Resp: 170282
Ion Ratio Lower Upper
104 100
78 46.7 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.301 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU061779.D

Acq: 17 Nov 2024 12:16

Instrument :

MSVOA_U

ClientSampleId :

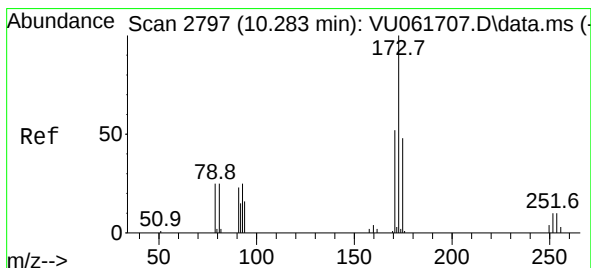
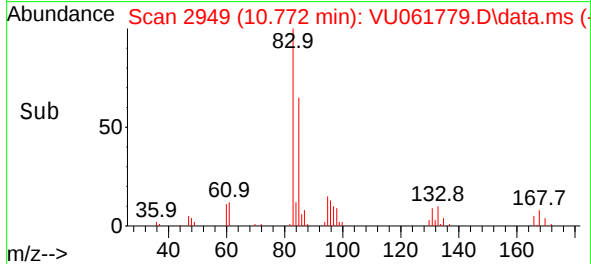
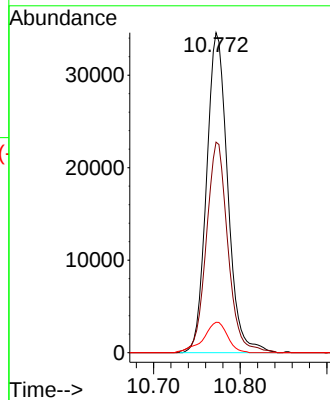
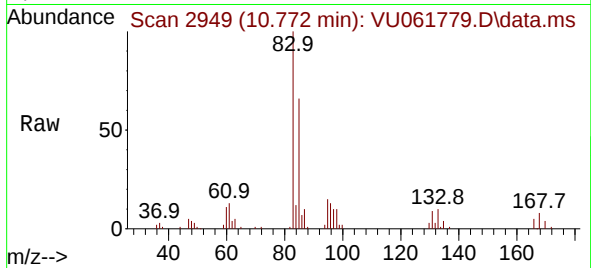
Tgt Ion: 83 Resp: 58695

Ion Ratio Lower Upper

83 100

85 65.8 41.9 77.9

131 9.5 7.8 11.6



#59

Bromoform

Concen: 4.906 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU061779.D

Acq: 17 Nov 2024 12:16

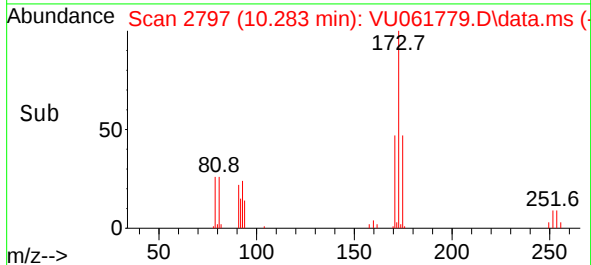
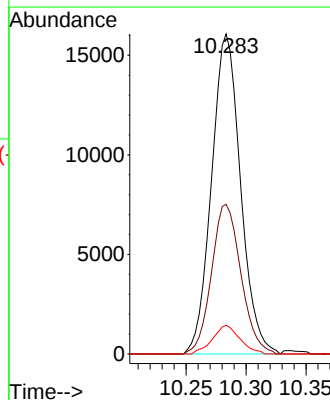
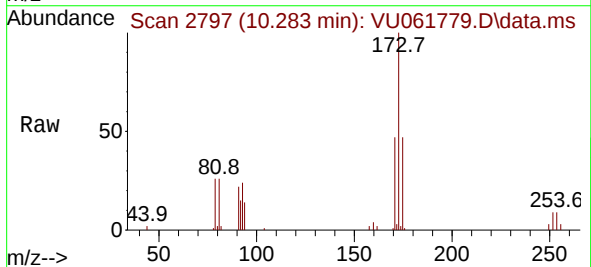
Tgt Ion:173 Resp: 26984

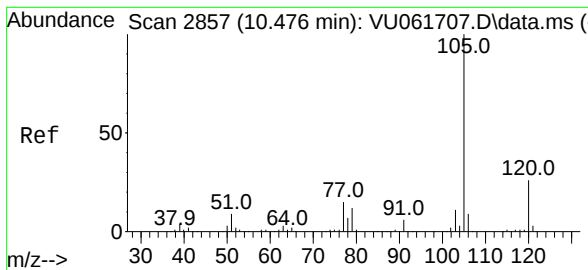
Ion Ratio Lower Upper

173 100

175 47.5 39.3 58.9

254 8.4 7.8 11.8





#60

Isopropylbenzene

Concen: 4.904 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061779.D

Acq: 17 Nov 2024 12:16

Instrument :

MSVOA_U

ClientSampleId :

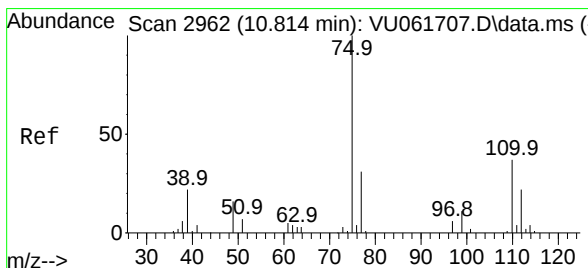
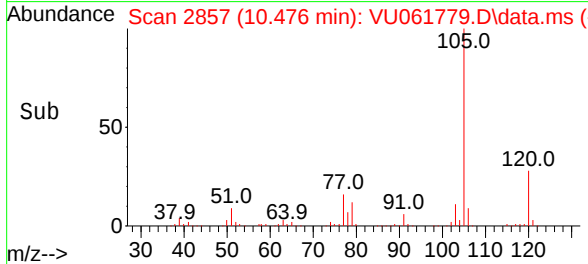
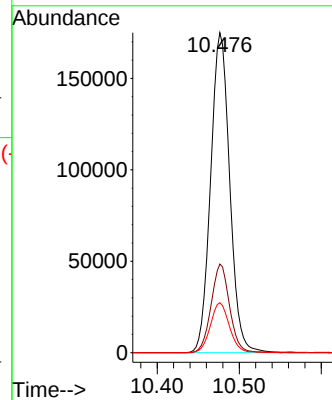
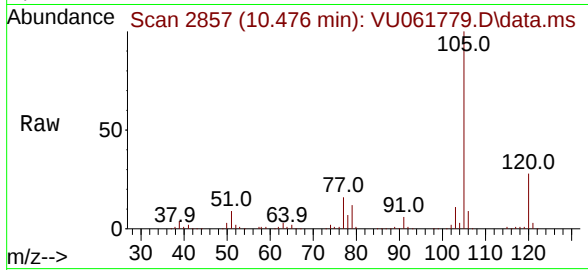
Tgt Ion:105 Resp: 282633

Ion Ratio Lower Upper

105 100

120 26.8 21.6 32.4

77 15.6 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.024 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU061779.D

Acq: 17 Nov 2024 12:16

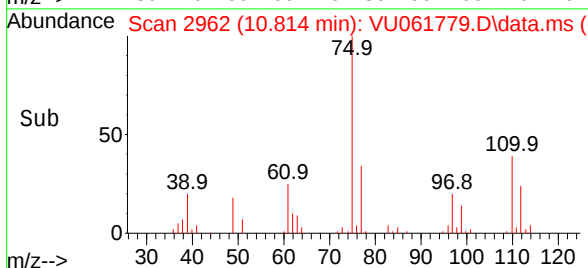
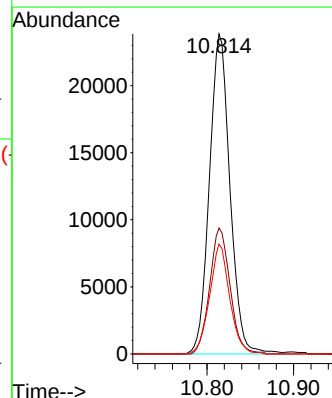
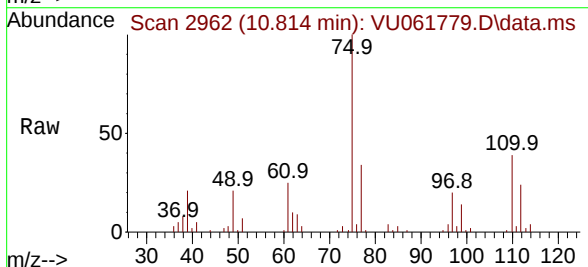
Tgt Ion: 75 Resp: 39332

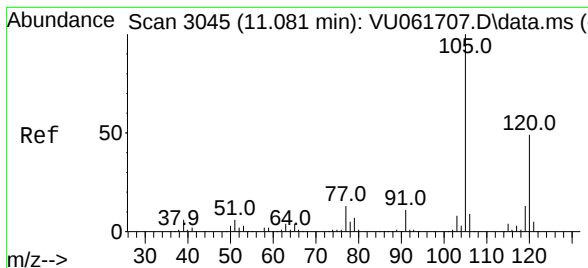
Ion Ratio Lower Upper

75 100

110 39.1 31.3 46.9

77 33.5 26.0 39.0





#62

1,3,5-Trimethylbenzene

Concen: 4.841 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU061779.D

Acq: 17 Nov 2024 12:16

Instrument :

MSVOA_U

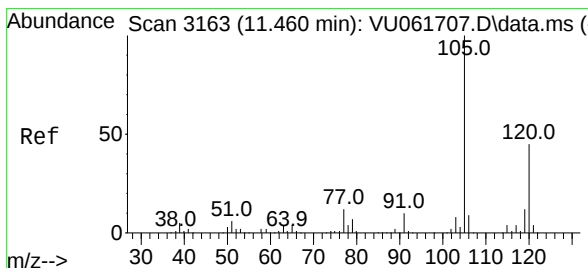
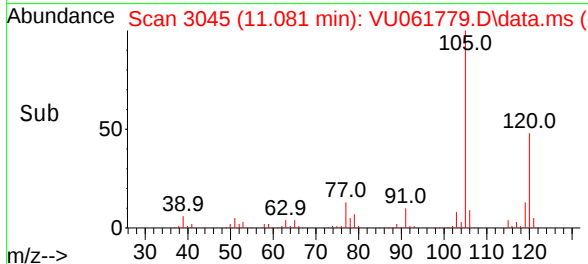
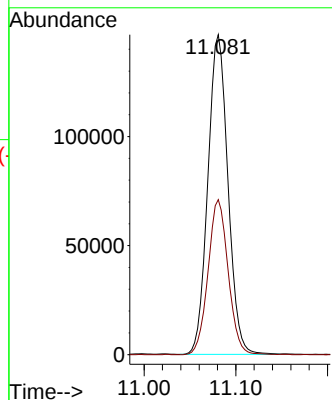
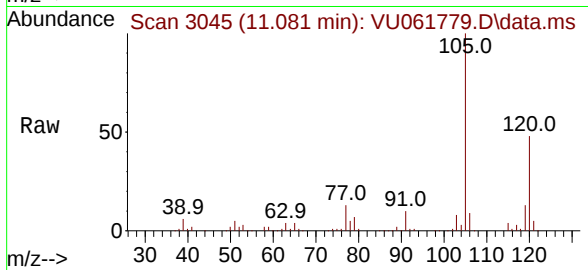
ClientSampleId :

Tgt Ion:105 Resp: 223389

Ion Ratio Lower Upper

105 100

120 48.6 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 4.955 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU061779.D

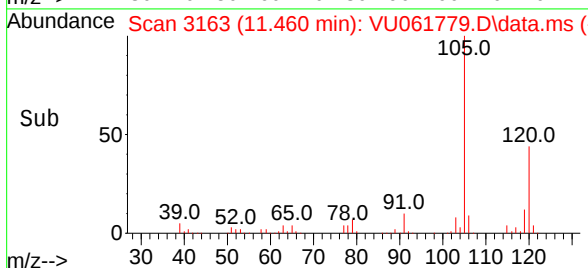
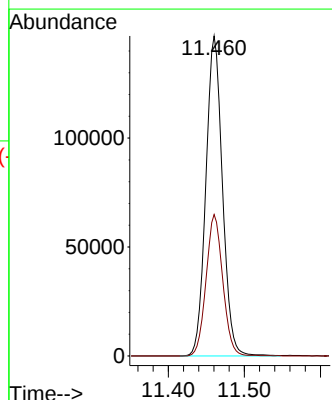
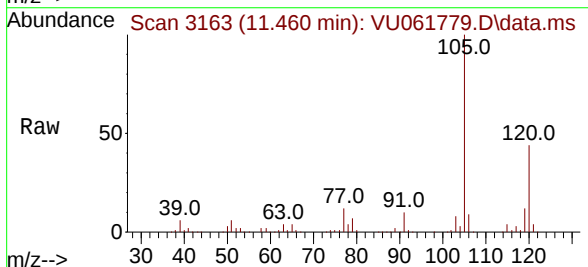
Acq: 17 Nov 2024 12:16

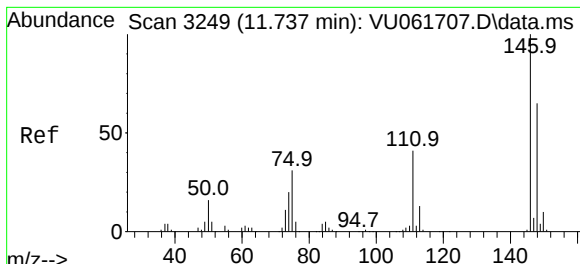
Tgt Ion:105 Resp: 222556

Ion Ratio Lower Upper

105 100

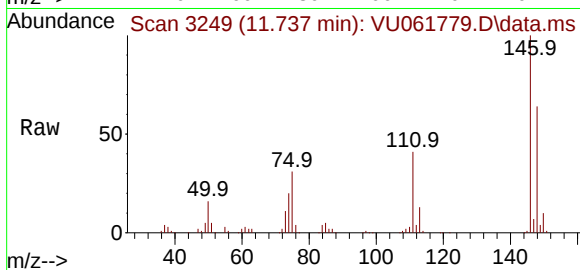
120 44.4 36.3 54.5



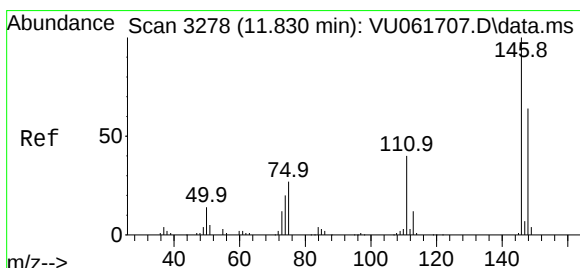
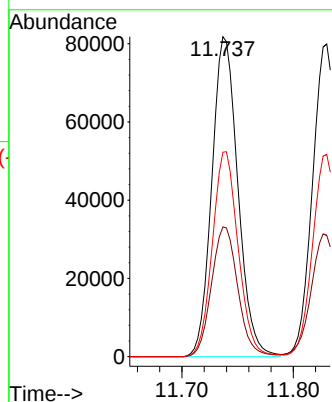
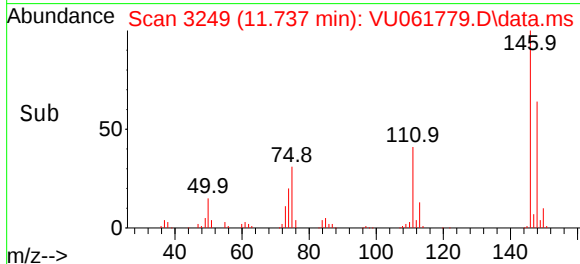


#64
1,3-Dichlorobenzene
Concen: 5.029 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU061779.D
Acq: 17 Nov 2024 12:16

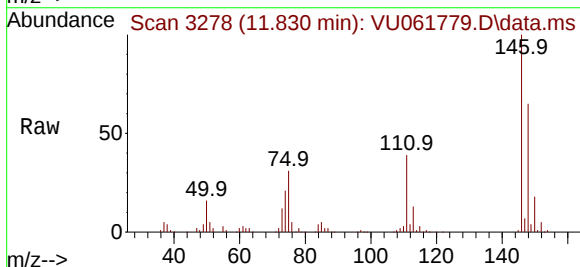
Instrument :
MSVOA_U
ClientSampleId :



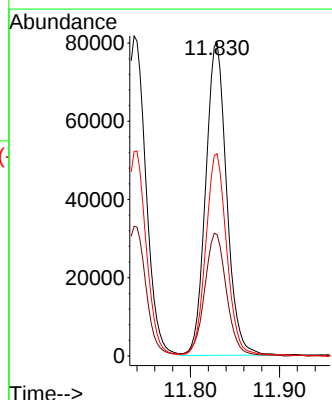
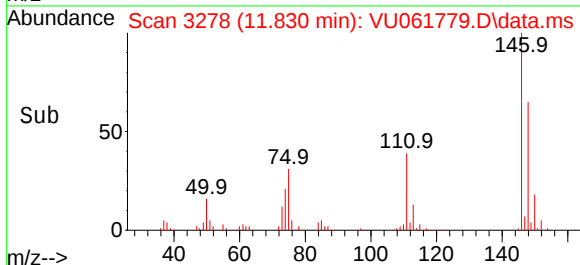
Tgt Ion:146 Resp: 132916
Ion Ratio Lower Upper
146 100
111 40.6 29.3 54.3
148 63.9 44.5 82.7

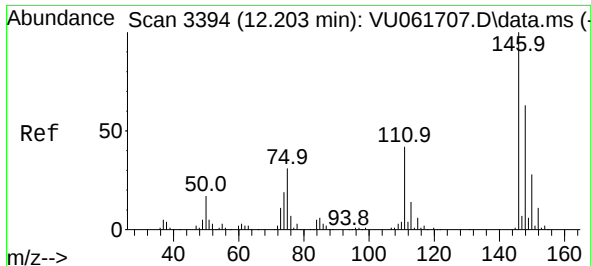


#65
1,4-Dichlorobenzene
Concen: 4.865 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU061779.D
Acq: 17 Nov 2024 12:16



Tgt Ion:146 Resp: 130568
Ion Ratio Lower Upper
146 100
111 38.8 28.8 53.4
148 64.7 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.099 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU061779.D

Acq: 17 Nov 2024 12:16

Instrument :

MSVOA_U

ClientSampleId :

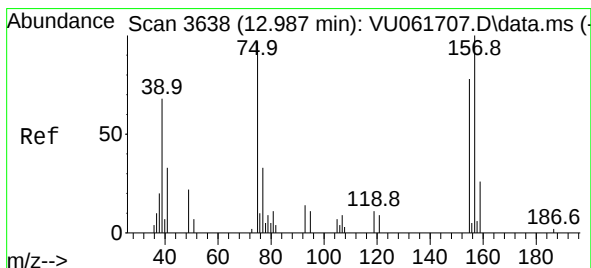
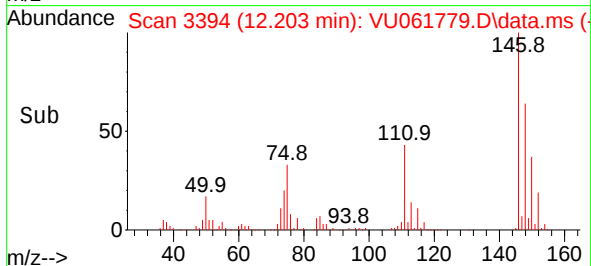
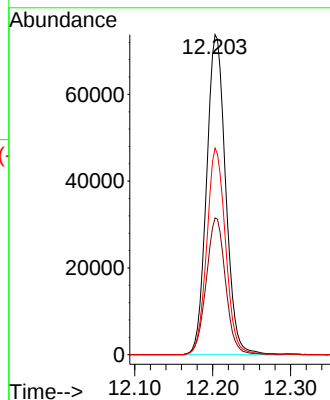
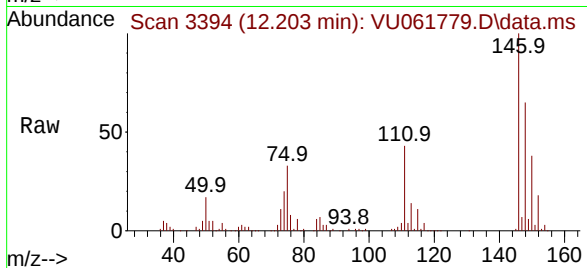
Tgt Ion:146 Resp: 125318

Ion Ratio Lower Upper

146 100

111 42.7 35.2 52.8

148 64.6 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.851 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU061779.D

Acq: 17 Nov 2024 12:16

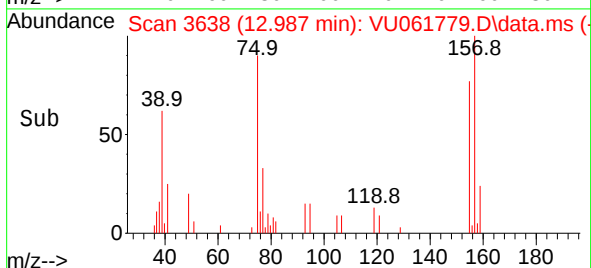
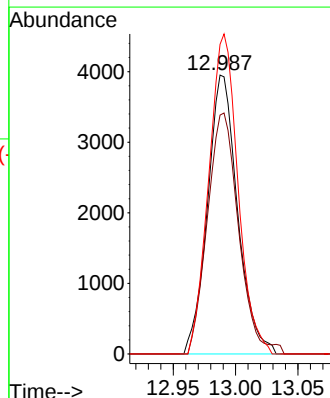
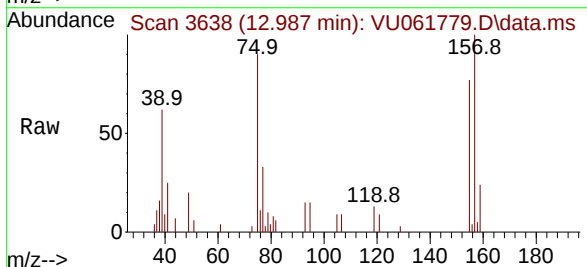
Tgt Ion: 75 Resp: 6631

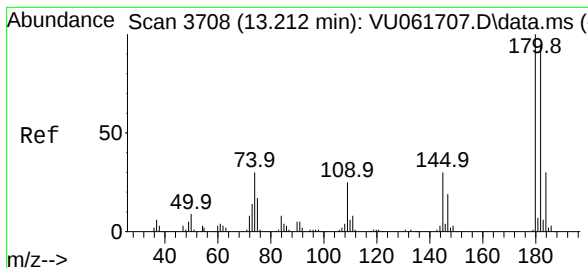
Ion Ratio Lower Upper

75 100

155 85.7 62.6 93.8

157 111.0 84.9 127.3





#69

1,3,5-Trichlorobenzene

Concen: 5.192 ug/L

RT: 13.213 min Scan# 3708

Delta R.T. 0.000 min

Lab File: VU061779.D

Acq: 17 Nov 2024 12:16

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 95815

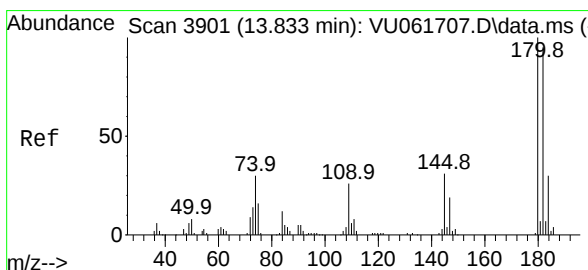
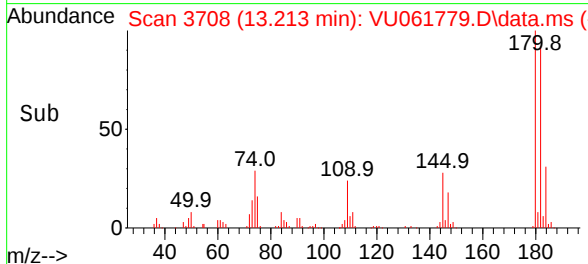
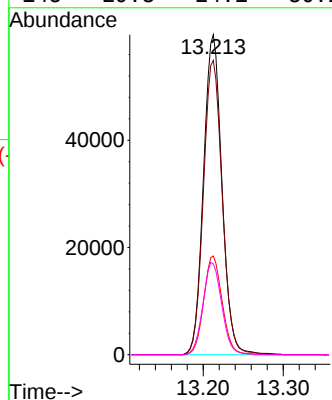
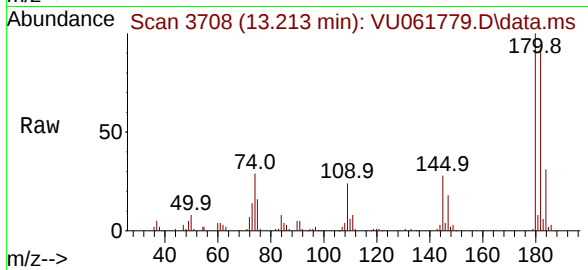
Ion Ratio Lower Upper

180 100

182 93.9 77.1 115.7

184 30.9 24.7 37.1

145 29.3 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 5.204 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU061779.D

Acq: 17 Nov 2024 12:16

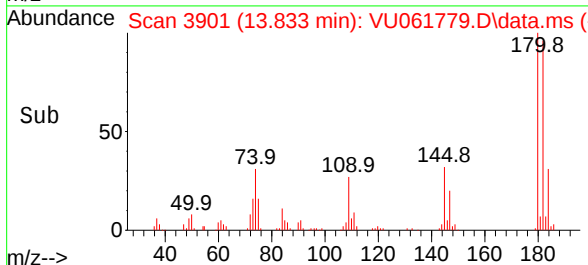
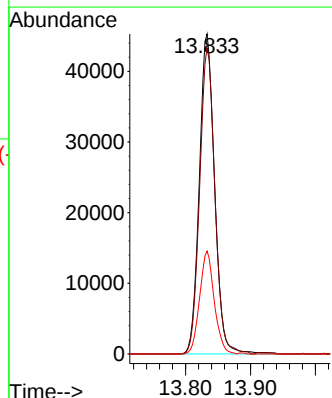
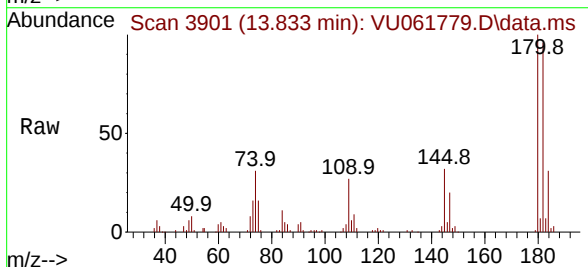
Tgt Ion:180 Resp: 74431

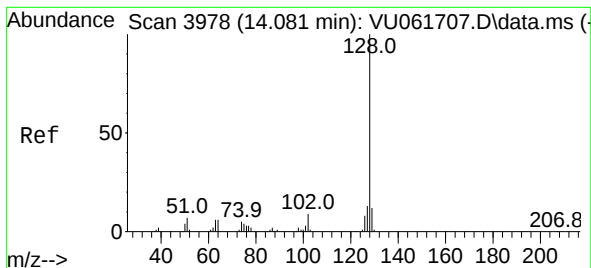
Ion Ratio Lower Upper

180 100

182 95.2 77.4 116.0

145 30.7 24.5 36.7





#71

Naphthalene

Concen: 5.366 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU061779.D

Acq: 17 Nov 2024 12:16

Instrument :

MSVOA_U

ClientSampleId :

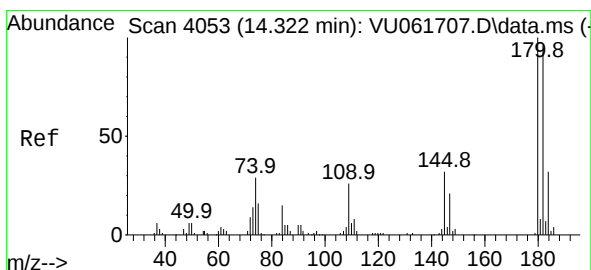
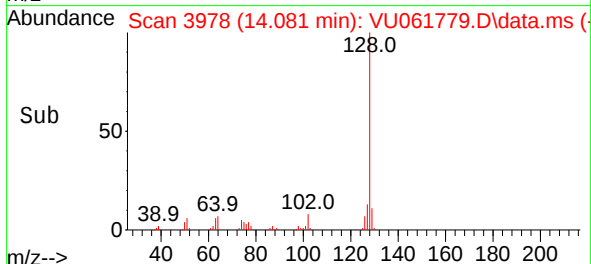
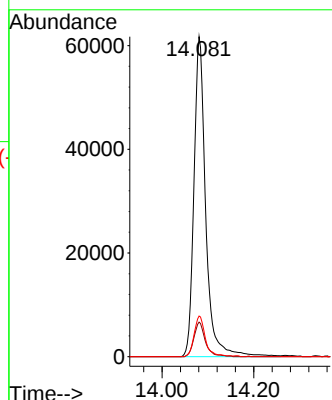
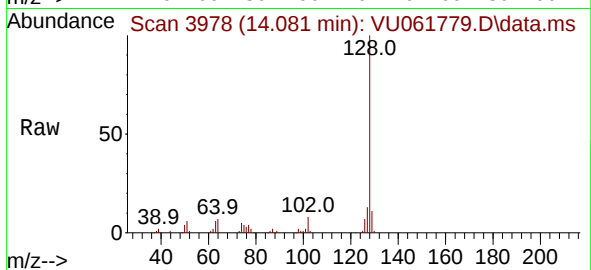
Tgt Ion:128 Resp: 110178

Ion Ratio Lower Upper

128 100

129 10.4 8.5 12.7

127 12.0 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.294 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU061779.D

Acq: 17 Nov 2024 12:16

Tgt Ion:180 Resp: 63557

Ion Ratio Lower Upper

180 100

182 97.0 76.6 114.8

145 32.2 26.3 39.5

