

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062779.D
 Acq On : 15 Jan 2025 20:00
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 01:52:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 00:44:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	96905	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	91764	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	50279	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17065	3.180	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.600%
7) Chloroethane-d5	1.898	69	17110	3.963	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.554	65	10276	3.696	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	4.602	46	64833	59.105	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.220%
24) Chloroform-d	5.046	84	66260	5.018	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.685	65	37586	5.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.714	84	102894	4.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.676	67	30401	4.888	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.888	98	97055	4.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	8.168	79	15556	5.018	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.400%
46) 2-Hexanone-d5	8.618	63	56886	58.343	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.680%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	29735	5.709	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.200%
66) 1,2-Dichlorobenzene-d4	12.180	152	41510	4.962	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	45891	4.971	ug/L	100
3) Chloromethane	1.515	50	28248	4.560	ug/L	100
5) Vinyl chloride	1.599	62	33371	4.784	ug/L	97
6) Bromomethane	1.840	94	17268	3.402	ug/L	97
8) Chloroethane	1.920	64	20615	4.919	ug/L	98
9) Trichlorofluoromethane	2.126	101	72114	5.125	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	35594	5.235	ug/L	100
12) 1,1-Dichloroethene	2.567	96	29716	4.940	ug/L	96
13) Acetone	2.612	43	41307	47.537	ug/L	98
14) Carbon disulfide	2.779	76	89960	4.682	ug/L	100
15) Methyl Acetate	2.936	43	9970	5.299	ug/L	100
16) Methylene chloride	3.030	84	33556	5.092	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	84741	5.126	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	32407	5.028	ug/L	96
19) 1,1-Dichloroethane	3.853	63	58714	5.095	ug/L	93
21) 2-Butanone	4.685	43	59161	51.121	ug/L	96
22) cis-1,2-Dichloroethene	4.650	96	36916	5.260	ug/L	97
23) Bromochloromethane	4.959	128	16892	5.098	ug/L	98
25) Chloroform	5.071	83	73191	5.161	ug/L	97

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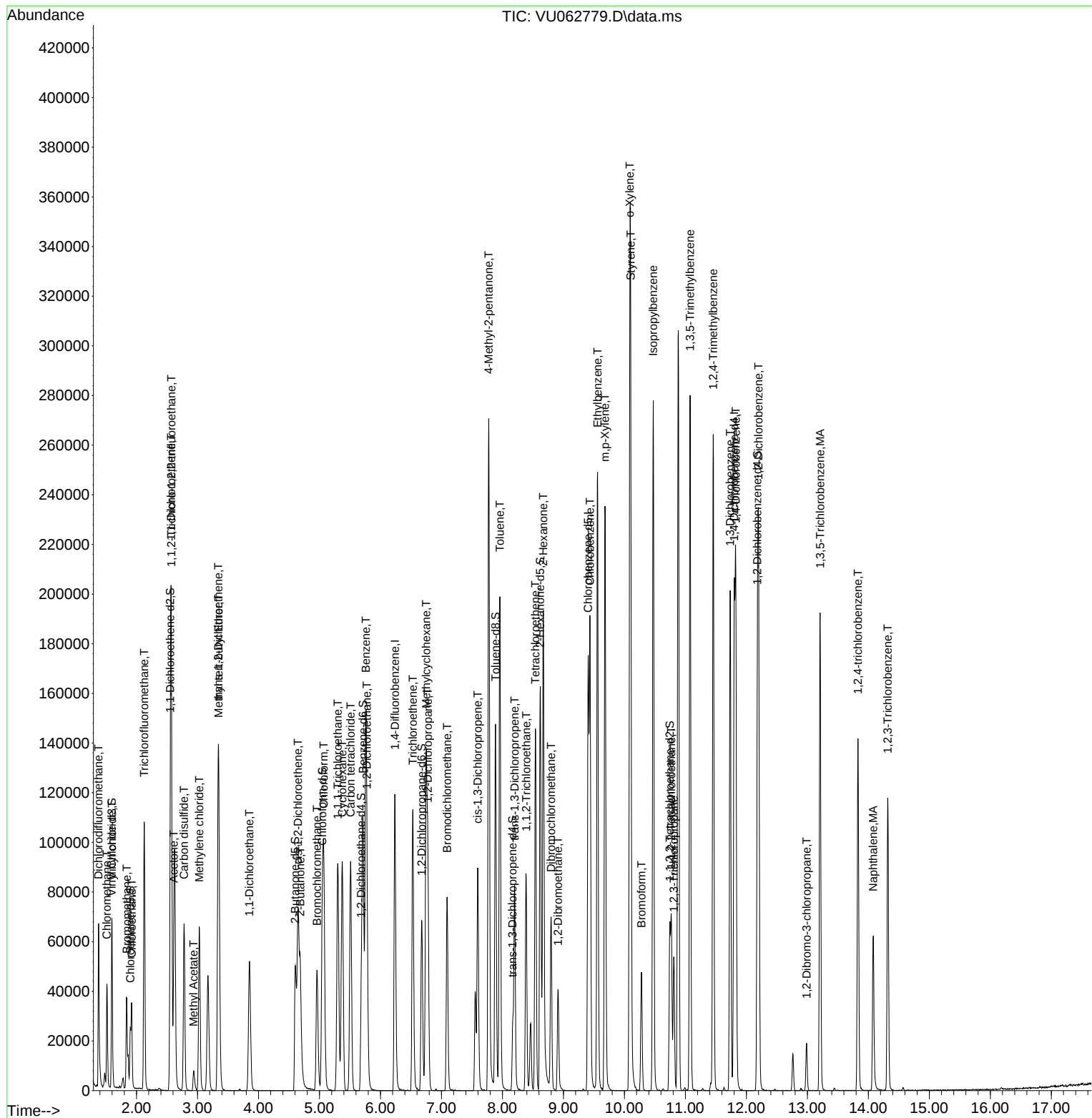
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	49742	5.364	ug/L	98
29) 1,1,1-Trichloroethane	5.300	97	70357	5.055	ug/L	99
30) Cyclohexane	5.374	56	44085	4.850	ug/L	96
31) Carbon tetrachloride	5.512	117	65911	5.153	ug/L	98
33) Benzene	5.759	78	132148	5.012	ug/L	100
34) Trichloroethene	6.531	95	39838	4.423	ug/L	95
35) Methylcyclohexane	6.750	83	53890	4.863	ug/L	98
37) 1,2-Dichloropropane	6.779	63	31911	5.131	ug/L	98
38) Bromodichloromethane	7.094	83	51334	5.132	ug/L	97
39) cis-1,3-Dichloropropene	7.595	75	54030	5.102	ug/L	99
40) 4-Methyl-2-pentanone	7.775	43	149797	51.561	ug/L	99
42) Toluene	7.959	91	148562	5.142	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	47883	5.245	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	26688	5.283	ug/L	94
47) Tetrachloroethene	8.541	164	31711	5.112	ug/L	97
48) 2-Hexanone	8.669	43	108309	51.855	ug/L	97
49) Dibromochloromethane	8.798	129	36529	5.386	ug/L	99
50) 1,2-Dibromoethane	8.910	107	26088	5.398	ug/L	97
51) Chlorobenzene	9.438	112	98256	5.201	ug/L	99
52) Ethylbenzene	9.560	91	173009	5.277	ug/L	96
53) m,p-Xylene	9.682	106	65073	5.307	ug/L	100
54) o-Xylene	10.090	106	62250	5.301	ug/L	99
55) Styrene	10.103	104	107784	5.487	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.769	83	30610	5.402	ug/L #	93
59) Bromoform	10.280	173	22220	5.067	ug/L	98
60) Isopropylbenzene	10.473	105	176321	5.089	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	22692	5.088	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	157385	5.344	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	150135	5.270	ug/L	100
64) 1,3-Dichlorobenzene	11.733	146	83492	5.198	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	83319	5.144	ug/L	99
67) 1,2-Dichlorobenzene	12.200	146	76450	5.078	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	5569	4.821	ug/L	88
69) 1,3,5-Trichlorobenzene	13.209	180	59906	4.952	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	44122	4.528	ug/L	98
71) Naphthalene	14.081	128	56377	3.954	ug/L	100
72) 1,2,3-Trichlorobenzene	14.319	180	37293	4.391	ug/L	98

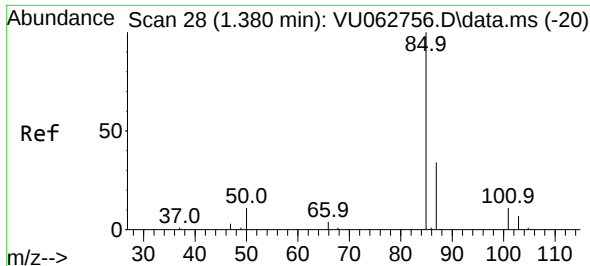
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Instrument :
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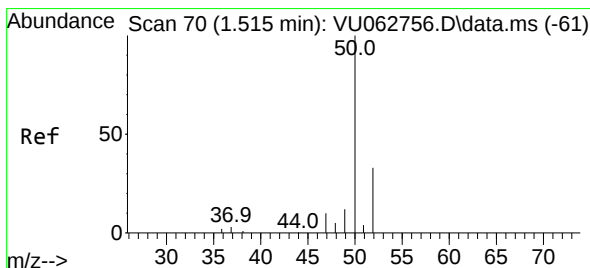
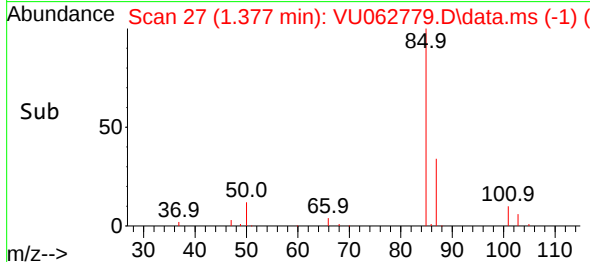
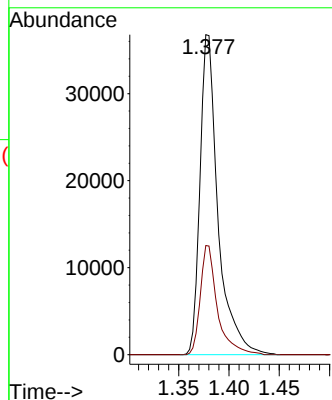
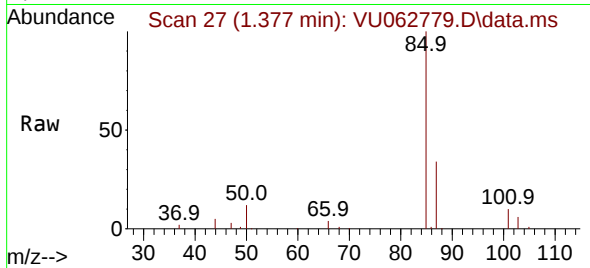




#2
Dichlorodifluoromethane
Concen: 4.971 ug/L
RT: 1.377 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062779.D
Acq: 15 Jan 2025 20:00

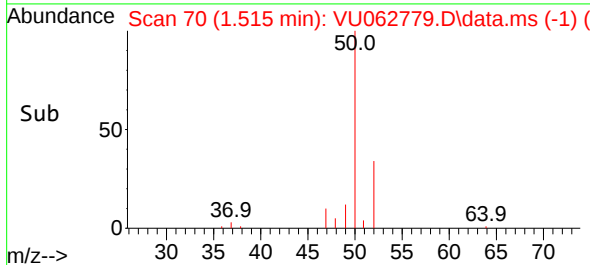
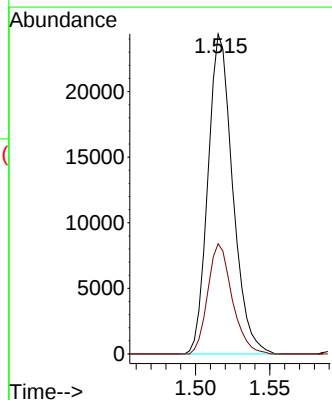
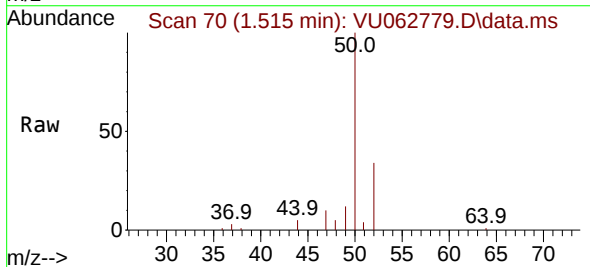
Instrument :
MSVOA_U
ClientSampleId :

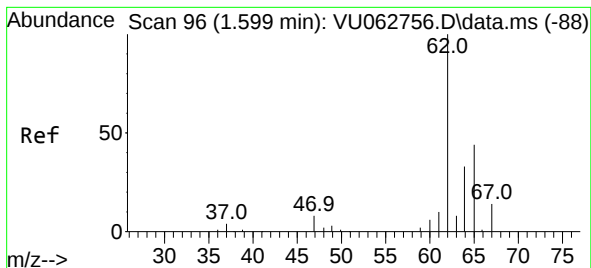
Tgt Ion: 85 Resp: 45891
Ion Ratio Lower Upper
85 100
87 32.4 26.1 39.1



#3
Chloromethane
Concen: 4.560 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU062779.D
Acq: 15 Jan 2025 20:00

Tgt Ion: 50 Resp: 28248
Ion Ratio Lower Upper
50 100
52 34.4 24.1 44.7





#5

Vinyl chloride

Concen: 4.784 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU062779.D

Acq: 15 Jan 2025 20:00

Instrument :

MSVOA_U

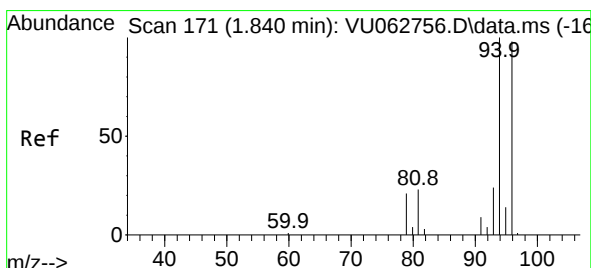
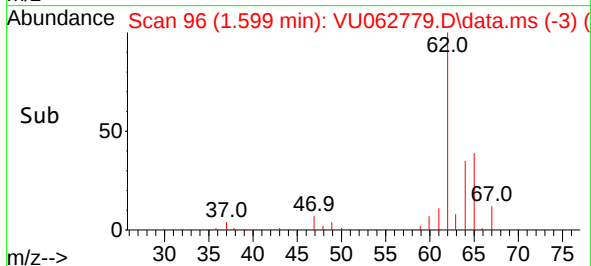
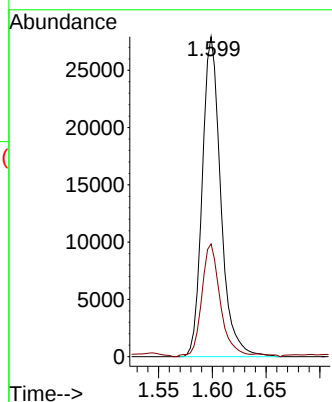
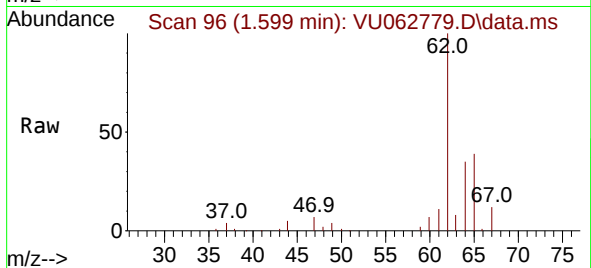
ClientSampleId :

Tgt Ion: 62 Resp: 33371

Ion Ratio Lower Upper

62 100

64 35.3 23.4 43.4



#6

Bromomethane

Concen: 3.402 ug/L

RT: 1.840 min Scan# 171

Delta R.T. 0.000 min

Lab File: VU062779.D

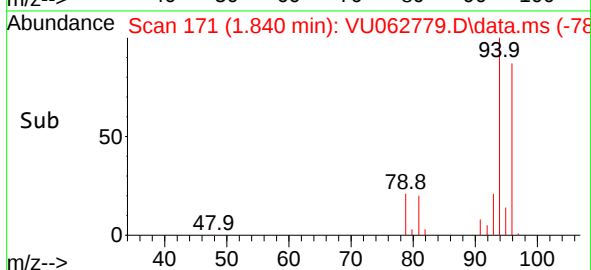
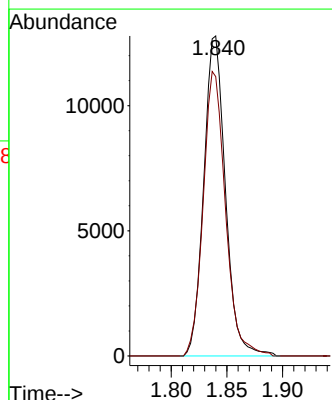
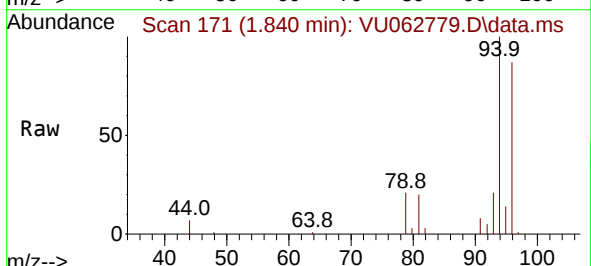
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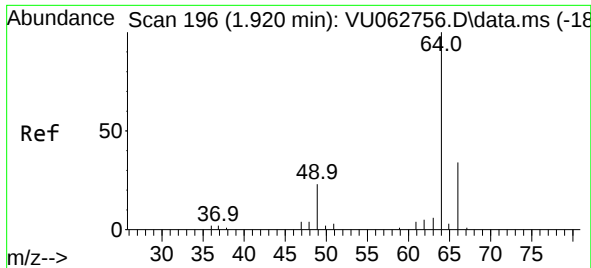
Tgt Ion: 94 Resp: 17268

Ion Ratio Lower Upper

94 100

96 87.3 62.9 116.7

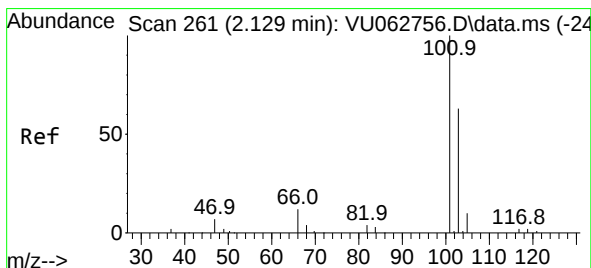
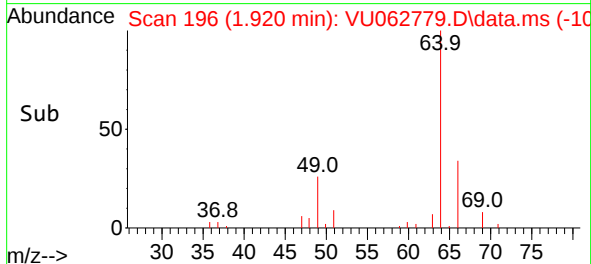
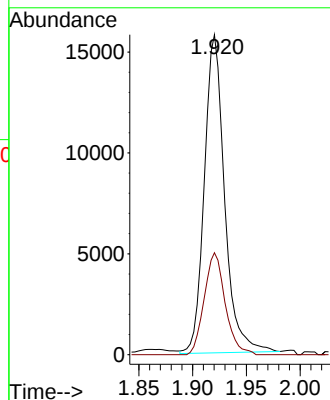
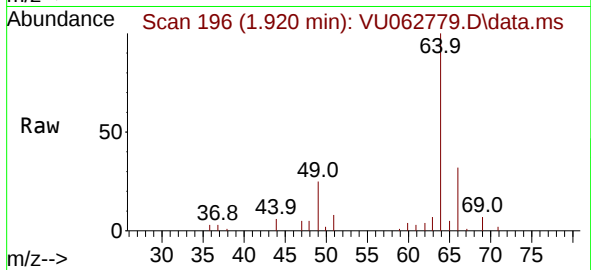




#8
Chloroethane
Concen: 4.919 ug/L
RT: 1.920 min Scan# 196
Delta R.T. 0.000 min
Lab File: VU062779.D
Acq: 15 Jan 2025 20:00

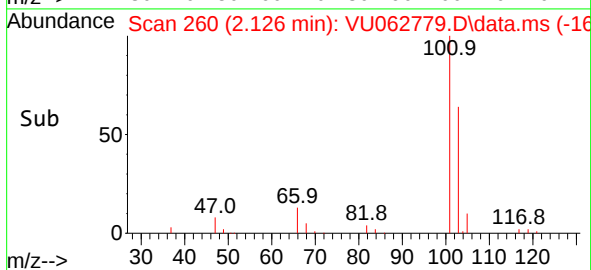
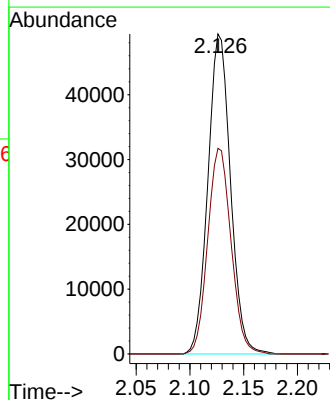
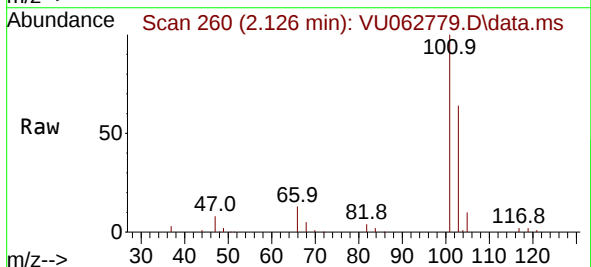
Instrument :
MSVOA_U
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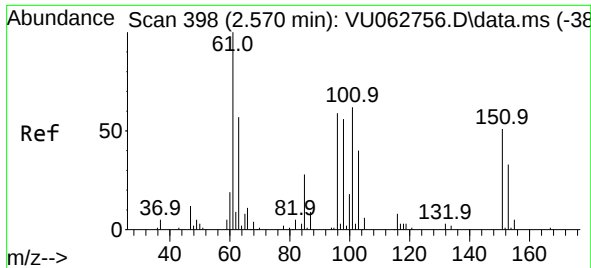
Tgt Ion: 64 Resp: 20615
Ion Ratio Lower Upper
64 100
66 31.9 21.6 40.2



#9
Trichlorofluoromethane
Concen: 5.125 ug/L
RT: 2.126 min Scan# 260
Delta R.T. -0.003 min
Lab File: VU062779.D
Acq: 15 Jan 2025 20:00

Tgt Ion:101 Resp: 72114
Ion Ratio Lower Upper
101 100
103 66.2 51.4 77.0

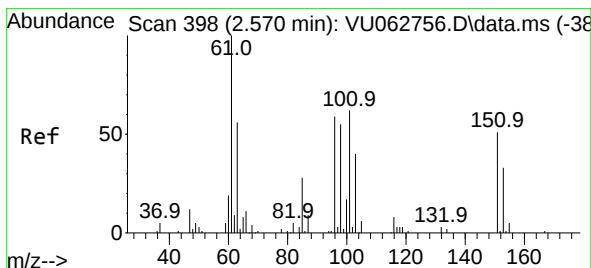
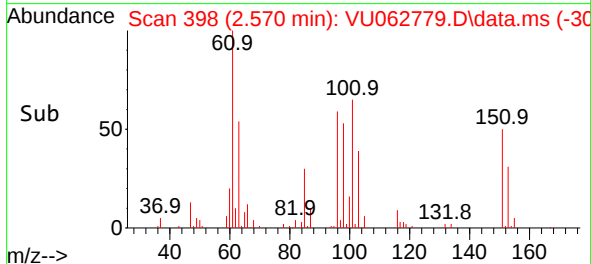
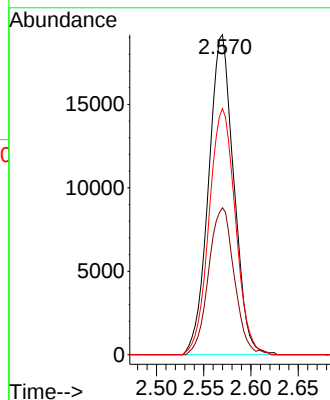
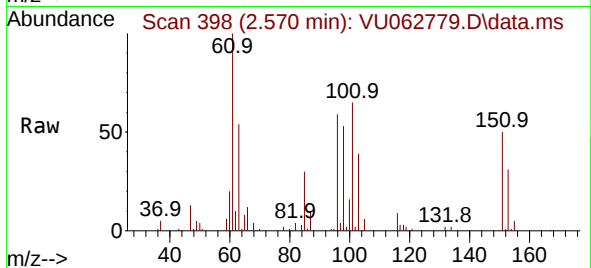




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.235 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU062779.D
 Acq: 15 Jan 2025 20:00

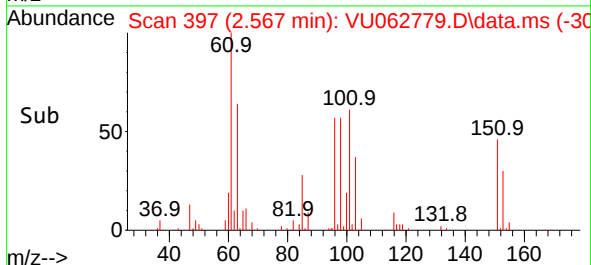
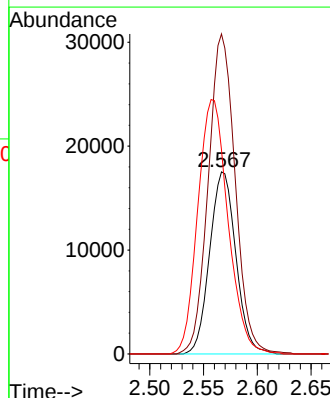
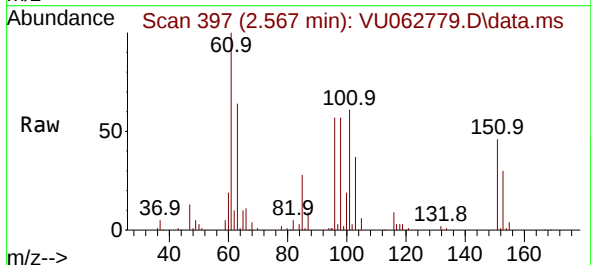
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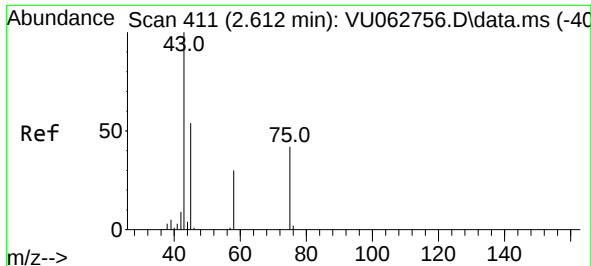
Tgt Ion:101 Resp: 35594
 Ion Ratio Lower Upper
 101 100
 85 46.5 37.0 55.6
 151 80.3 64.4 96.6



#12
 1,1-Dichloroethene
 Concen: 4.940 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. -0.003 min
 Lab File: VU062779.D
 Acq: 15 Jan 2025 20:00

Tgt Ion: 96 Resp: 29716
 Ion Ratio Lower Upper
 96 100
 61 175.8 120.4 223.6
 63 112.3 82.3 152.9





#13

Acetone

Concen: 47.537 ug/L

RT: 2.612 min Scan# 411

Delta R.T. -0.000 min

Lab File: VU062779.D

Acq: 15 Jan 2025 20:00

Instrument :

MSVOA_U

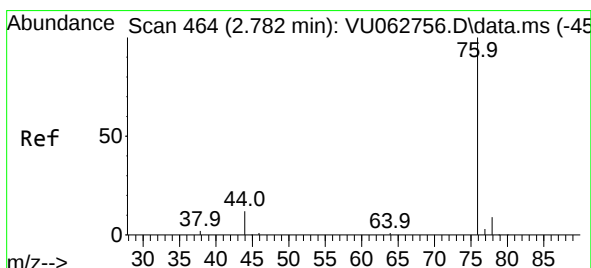
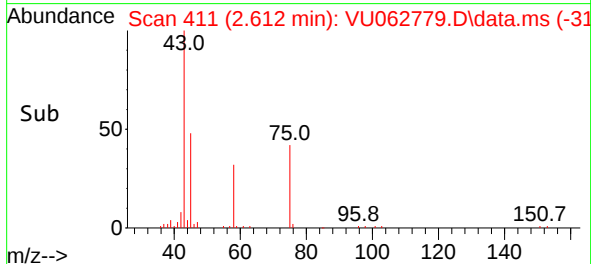
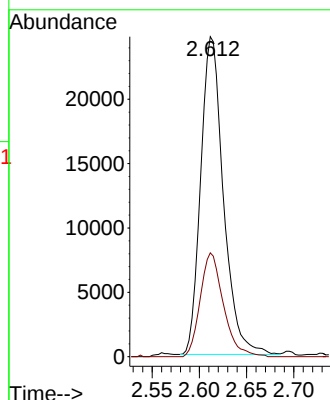
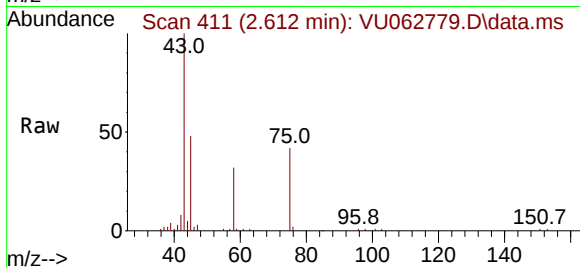
ClientSampleId :

Tgt Ion: 43 Resp: 41307

Ion Ratio Lower Upper

43 100

58 33.3 0.0 64.4



#14

Carbon disulfide

Concen: 4.682 ug/L

RT: 2.779 min Scan# 463

Delta R.T. -0.003 min

Lab File: VU062779.D

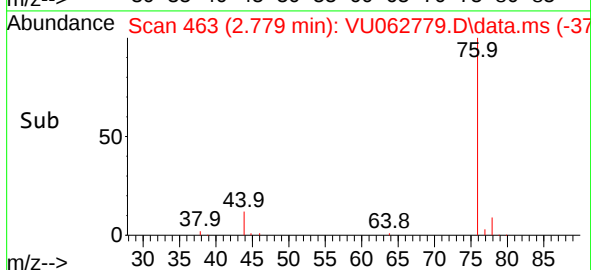
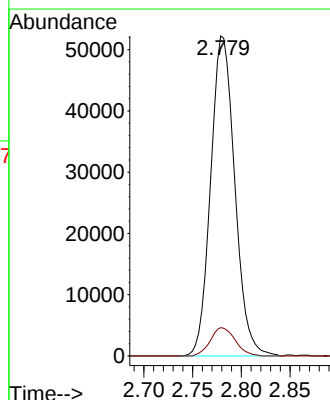
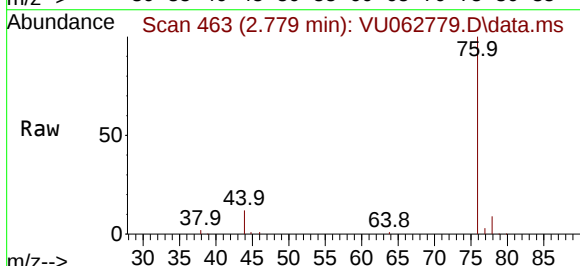
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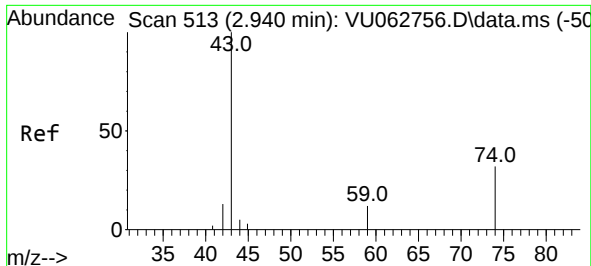
Tgt Ion: 76 Resp: 89960

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6

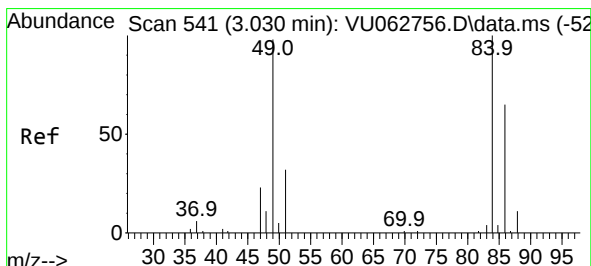
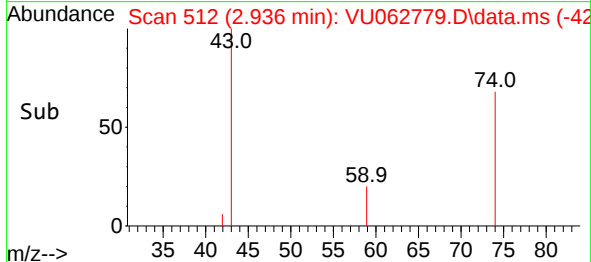
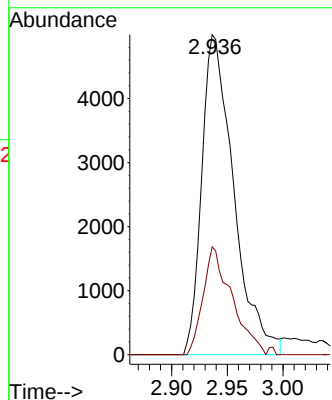
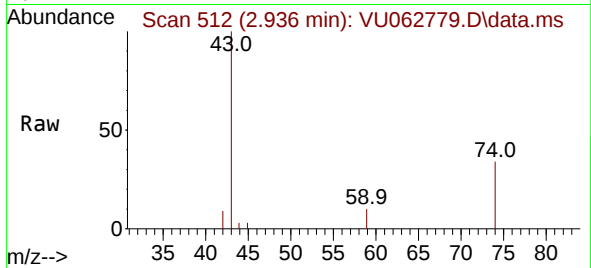




#15
Methyl Acetate
Concen: 5.299 ug/L
RT: 2.936 min Scan# 513
Delta R.T. -0.003 min
Lab File: VU062779.D
Acq: 15 Jan 2025 20:00

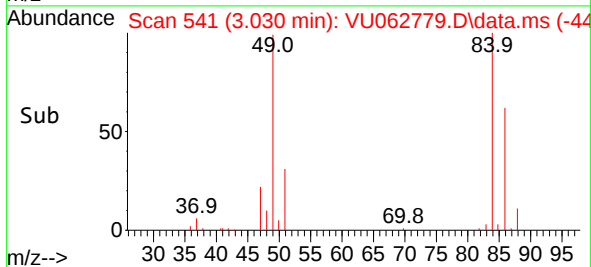
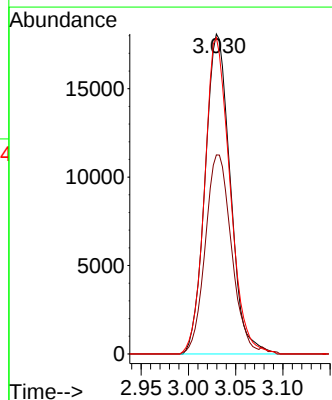
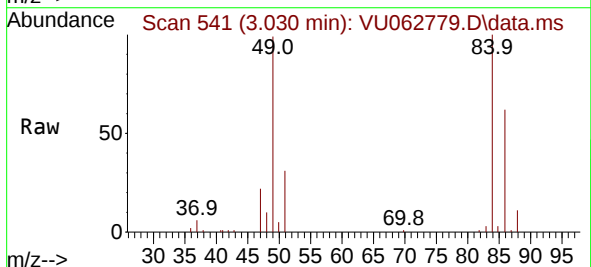
Instrument :
MSVOA_U
ClientSampleId :

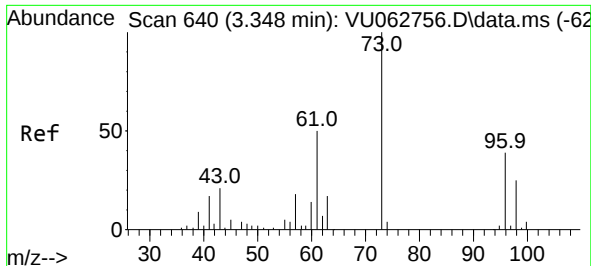
Tgt Ion: 43 Resp: 9970
Ion Ratio Lower Upper
43 100
74 30.4 24.4 36.6



#16
Methylene chloride
Concen: 5.092 ug/L
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU062779.D
Acq: 15 Jan 2025 20:00

Tgt Ion: 84 Resp: 33556
Ion Ratio Lower Upper
84 100
86 62.2 44.7 83.1
49 98.9 68.3 126.9

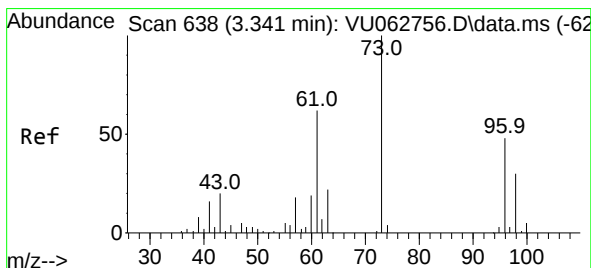
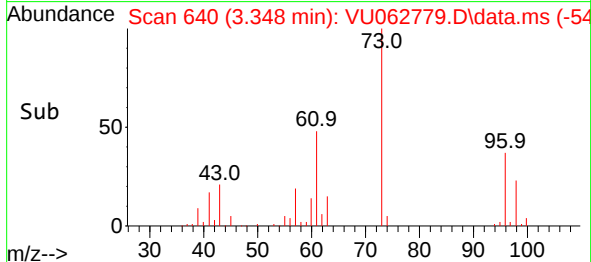
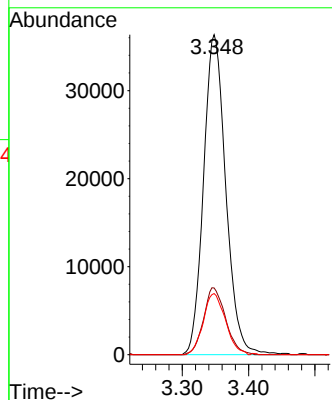
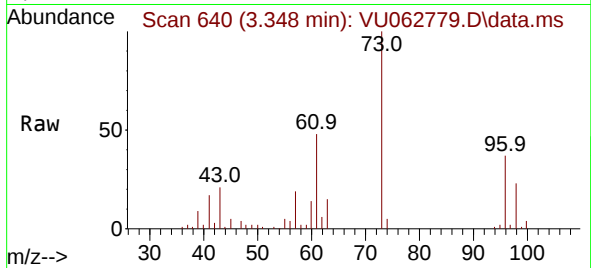




#17
Methyl tert-butyl Ether
Concen: 5.126 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU062779.D
Acq: 15 Jan 2025 20:00

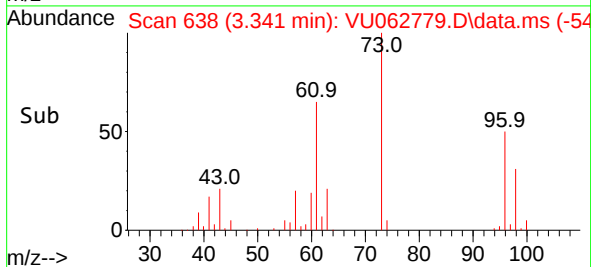
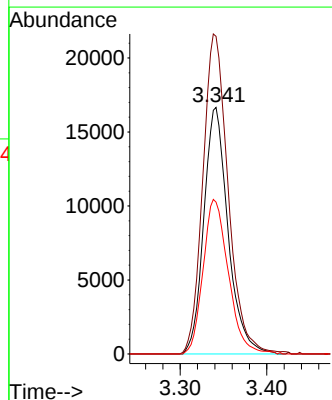
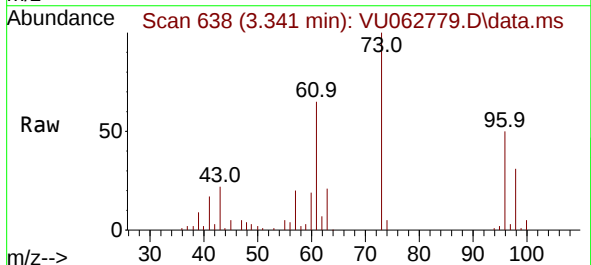
Instrument :
MSVOA_U
ClientSampleId :

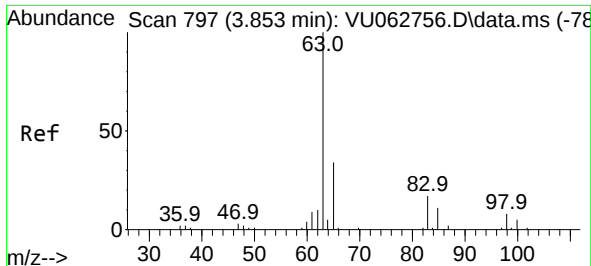
Tgt Ion: 73 Resp: 84741
Ion Ratio Lower Upper
73 100
43 20.8 16.2 24.4
57 19.1 14.6 22.0



#18
trans-1,2-Dichloroethene
Concen: 5.028 ug/L
RT: 3.341 min Scan# 638
Delta R.T. 0.000 min
Lab File: VU062779.D
Acq: 15 Jan 2025 20:00

Tgt Ion: 96 Resp: 32407
Ion Ratio Lower Upper
96 100
61 128.8 94.4 175.2
98 61.6 42.8 79.4





#19

1,1-Dichloroethane

Concen: 5.095 ug/L

RT: 3.853 min Scan# 797

Delta R.T. 0.000 min

Lab File: VU062779.D

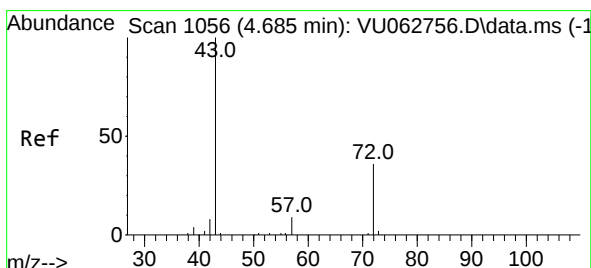
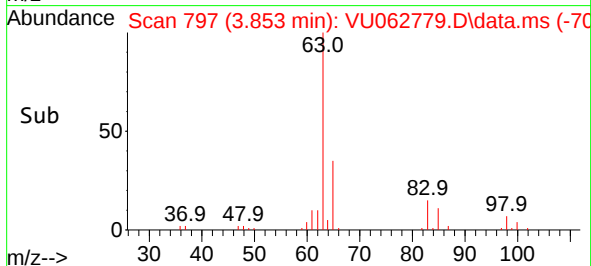
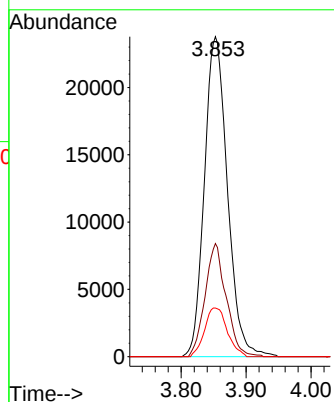
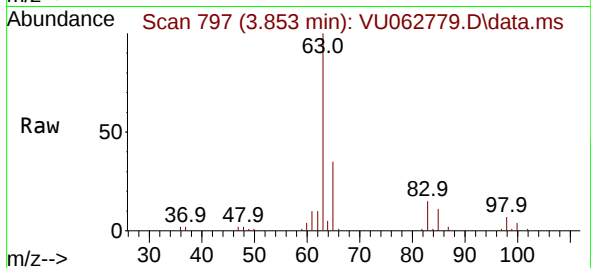
Acq: 15 Jan 2025 20:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 58714
Ion Ratio	Lower Upper
63	100
65	35.3 20.7 38.5
83	15.2 10.5 19.5



#21

2-Butanone

Concen: 51.121 ug/L

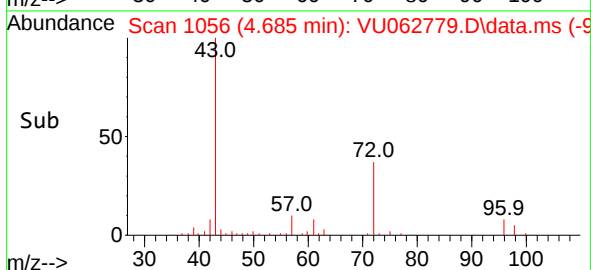
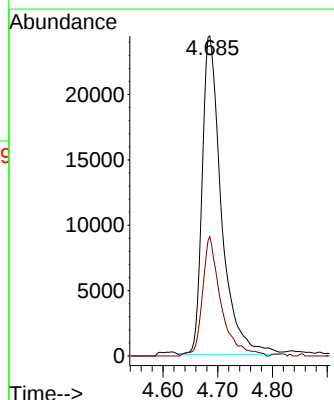
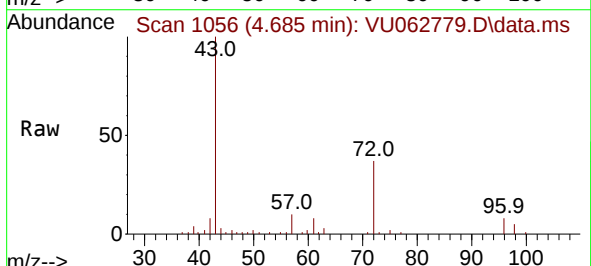
RT: 4.685 min Scan# 1056

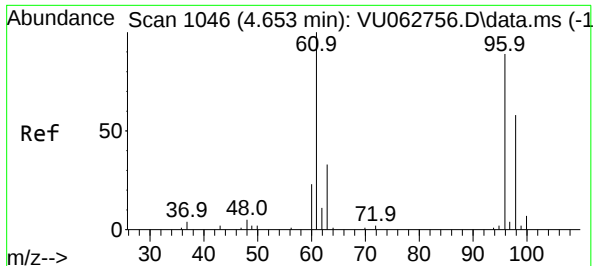
Delta R.T. 0.000 min

Lab File: VU062779.D

Acq: 15 Jan 2025 20:00

Tgt Ion: 43	Resp: 59161
Ion Ratio	Lower Upper
43	100
72	36.1 17.1 51.2

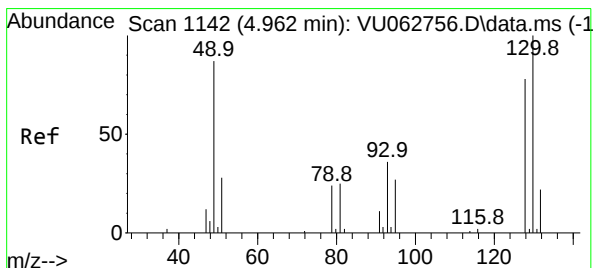
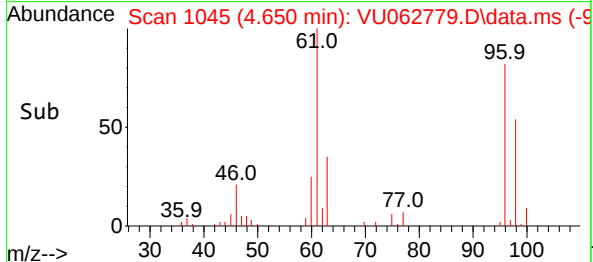
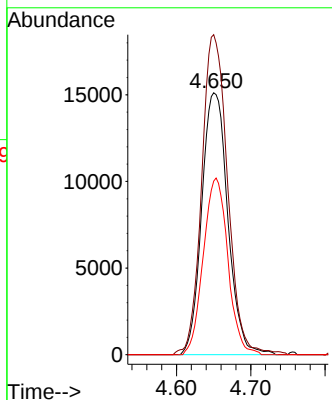
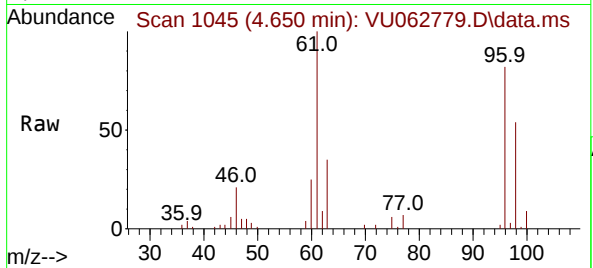




#22
 cis-1,2-Dichloroethene
 Concen: 5.260 ug/L
 RT: 4.650 min Scan# 1045
 Delta R.T. -0.003 min
 Lab File: VU062779.D
 Acq: 15 Jan 2025 20:00

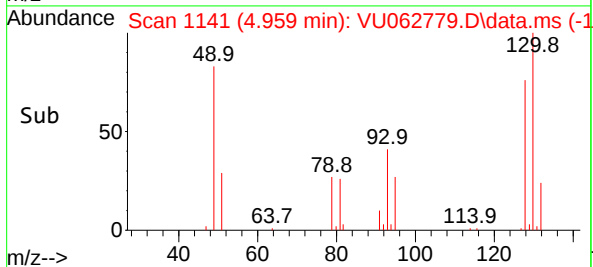
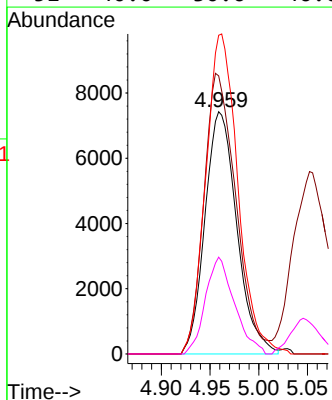
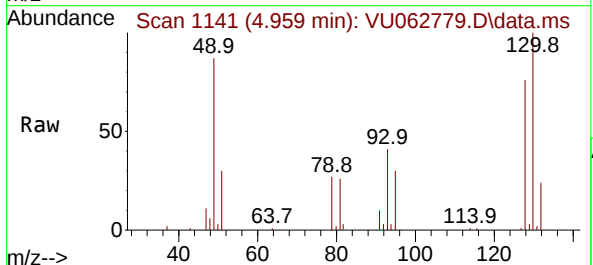
Instrument :
 MSVOA_U
 ClientSampleId :

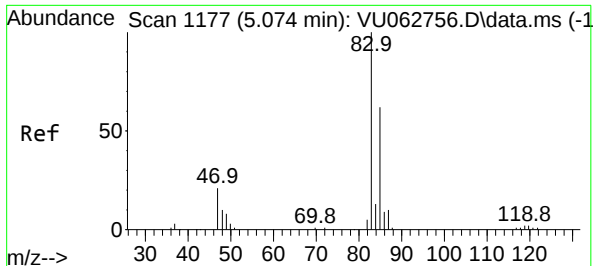
Tgt Ion: 96 Resp: 36916
 Ion Ratio Lower Upper
 96 100
 61 122.1 84.8 157.6
 98 66.3 43.1 80.1



#23
 Bromochloromethane
 Concen: 5.098 ug/L
 RT: 4.959 min Scan# 1141
 Delta R.T. -0.003 min
 Lab File: VU062779.D
 Acq: 15 Jan 2025 20:00

Tgt Ion:128 Resp: 16892
 Ion Ratio Lower Upper
 128 100
 49 114.8 81.1 150.7
 130 131.6 94.9 176.3
 51 40.0 30.6 46.0





#25

Chloroform

Concen: 5.161 ug/L

RT: 5.071 min Scan# 1177

Delta R.T. -0.003 min

Lab File: VU062779.D

Acq: 15 Jan 2025 20:00

Instrument :

MSVOA_U

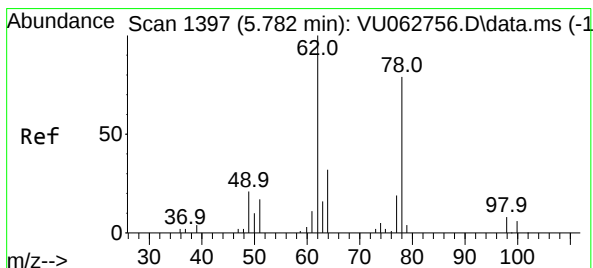
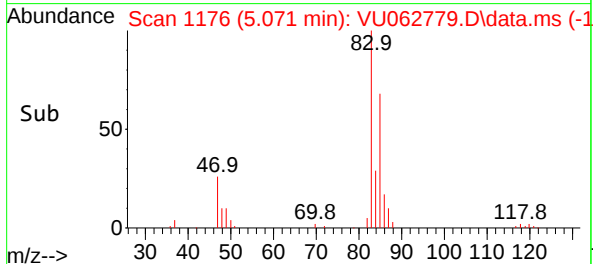
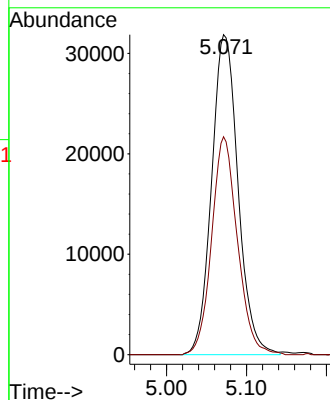
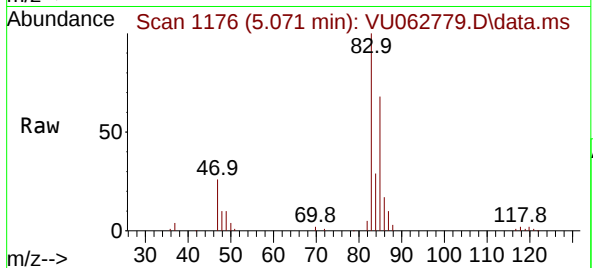
ClientSampleId :

Tgt Ion: 83 Resp: 73191

Ion Ratio Lower Upper

83 100

85 68.1 45.8 85.2



#27

1,2-Dichloroethane

Concen: 5.364 ug/L

RT: 5.779 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VU062779.D

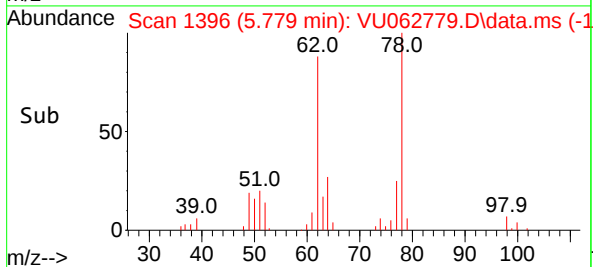
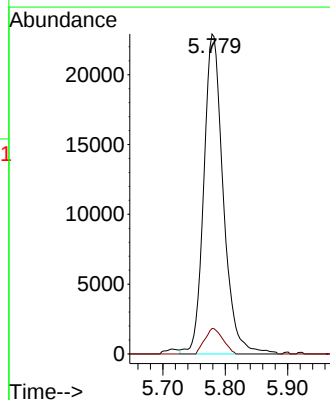
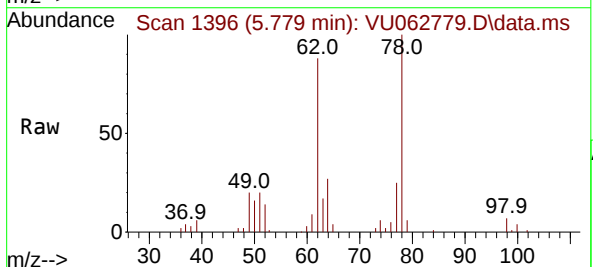
Acq: 15 Jan 2025 20:00

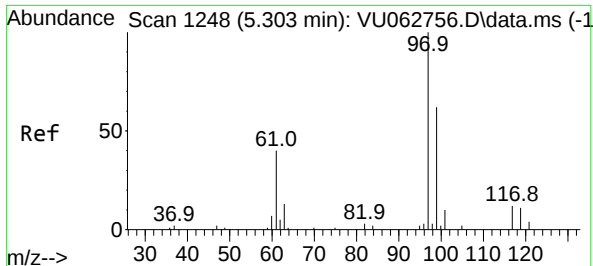
Tgt Ion: 62 Resp: 49742

Ion Ratio Lower Upper

62 100

98 8.0 5.8 8.6

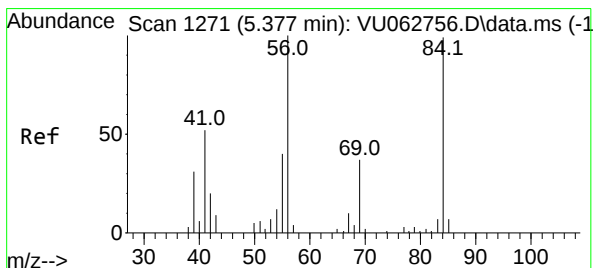
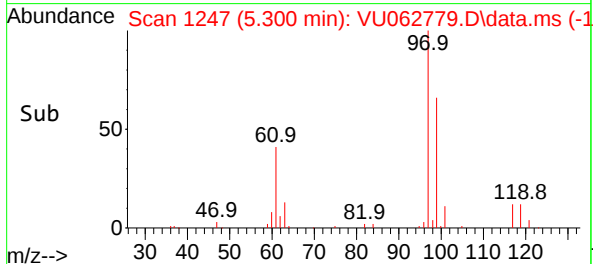
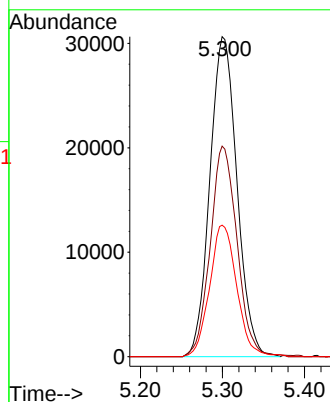
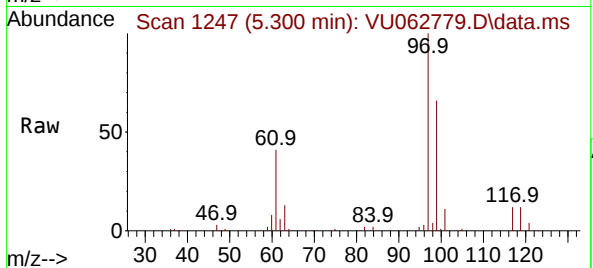




#29
1,1,1-Trichloroethane
Concen: 5.055 ug/L
RT: 5.300 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU062779.D
Acq: 15 Jan 2025 20:00

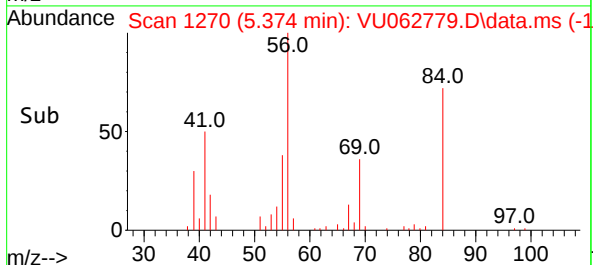
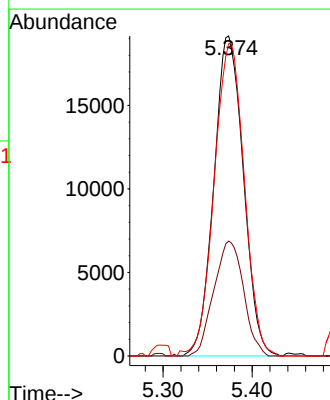
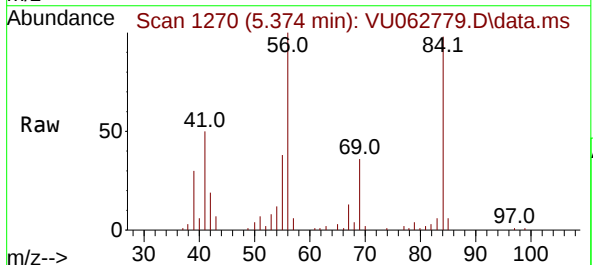
Instrument :
MSVOA_U
ClientSampleId :

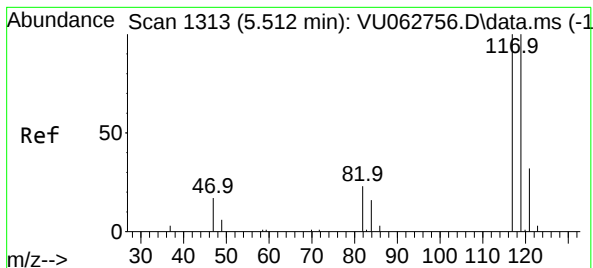
Tgt Ion: 97 Resp: 70357
Ion Ratio Lower Upper
97 100
99 65.2 52.4 78.6
61 41.2 32.2 48.4



#30
Cyclohexane
Concen: 4.850 ug/L
RT: 5.374 min Scan# 1270
Delta R.T. -0.003 min
Lab File: VU062779.D
Acq: 15 Jan 2025 20:00

Tgt Ion: 56 Resp: 44085
Ion Ratio Lower Upper
56 100
69 36.2 28.3 42.5
84 99.9 76.5 114.7





#31

Carbon tetrachloride

Concen: 5.153 ug/L

RT: 5.512 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU062779.D

Acq: 15 Jan 2025 20:00

Instrument :

MSVOA_U

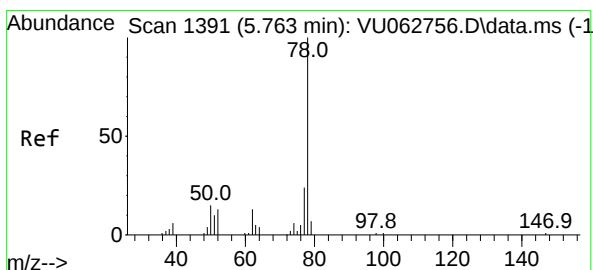
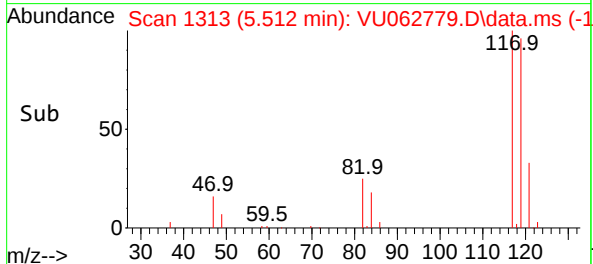
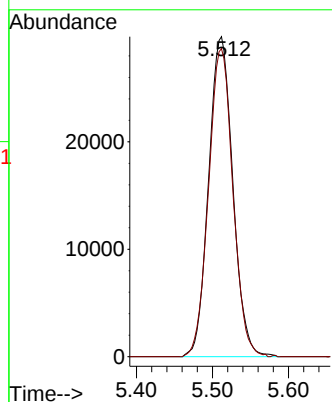
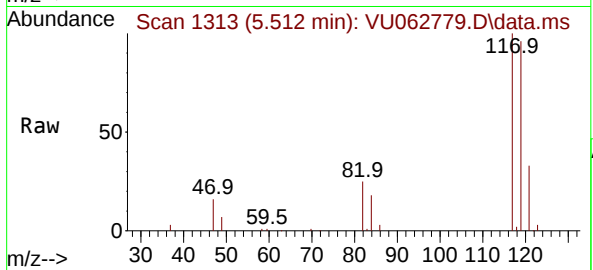
ClientSampleId :

Tgt Ion:117 Resp: 65911

Ion Ratio Lower Upper

117 100

119 96.7 78.6 118.0



#33

Benzene

Concen: 5.012 ug/L

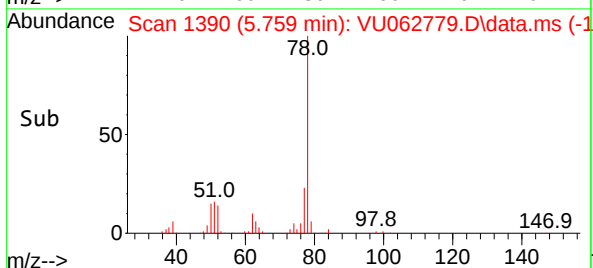
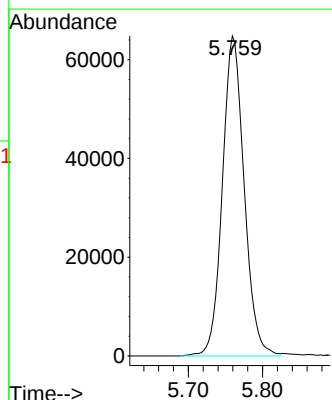
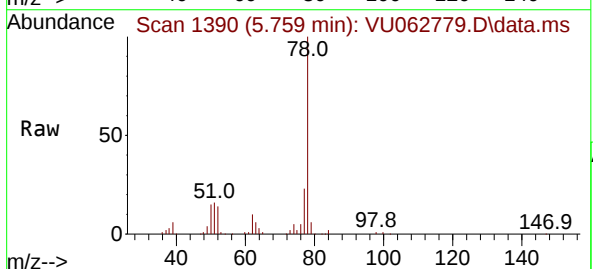
RT: 5.759 min Scan# 1390

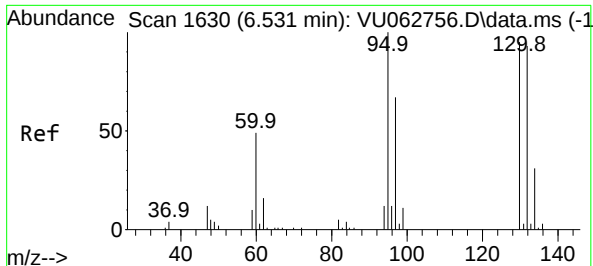
Delta R.T. -0.003 min

Lab File: VU062779.D

Acq: 15 Jan 2025 20:00

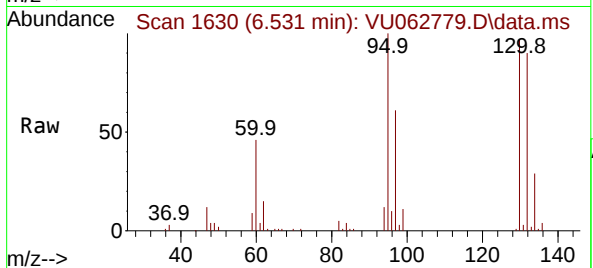
Tgt Ion: 78 Resp: 132148





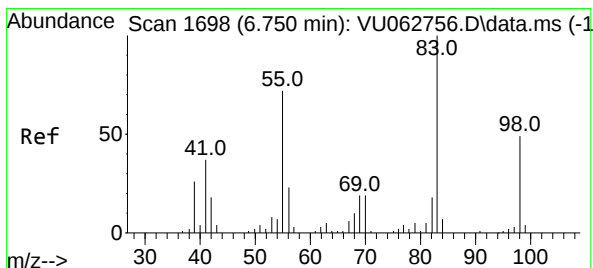
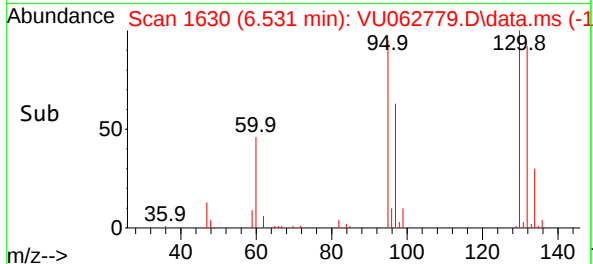
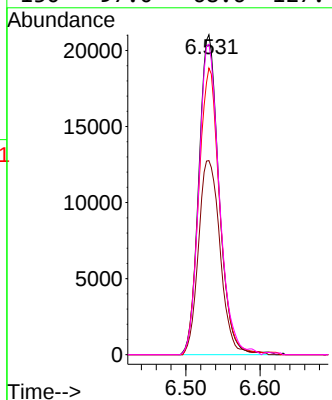
#34
Trichloroethene
Concen: 4.423 ug/L
RT: 6.531 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU062779.D
Acq: 15 Jan 2025 20:00

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 39838

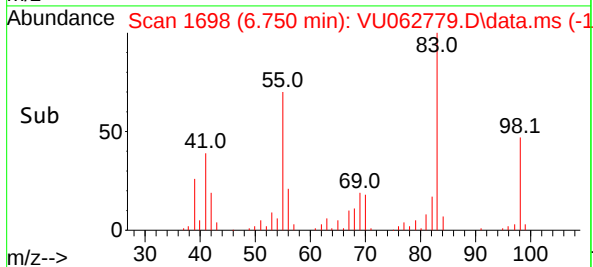
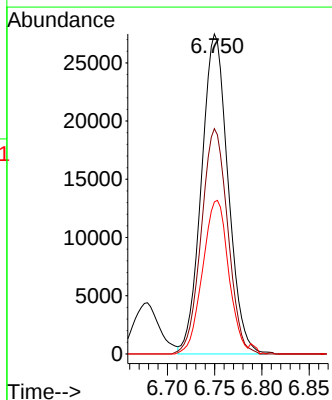
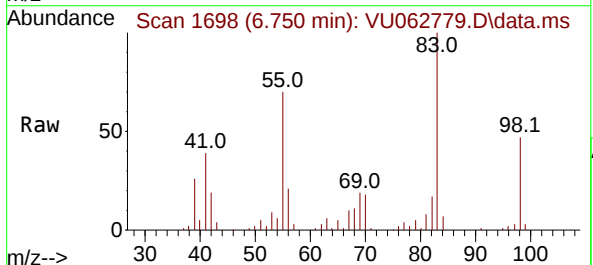
Ion	Ratio	Lower	Upper
95	100		
97	60.7	47.5	88.3
132	89.5	66.9	124.3
130	97.0	68.6	127.4

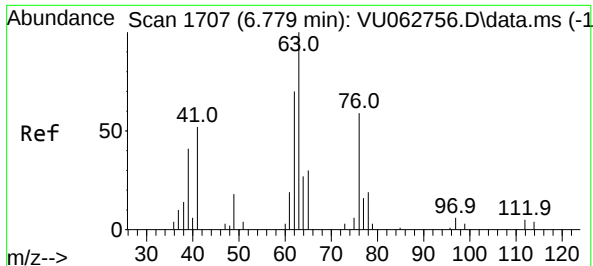


#35
Methylcyclohexane
Concen: 4.863 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU062779.D
Acq: 15 Jan 2025 20:00

Tgt Ion: 83 Resp: 53890

Ion	Ratio	Lower	Upper
83	100		
55	69.7	57.2	85.8
98	46.8	36.6	55.0

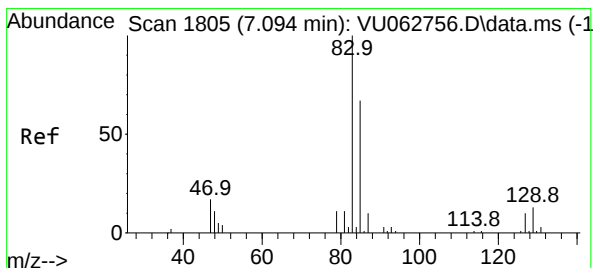
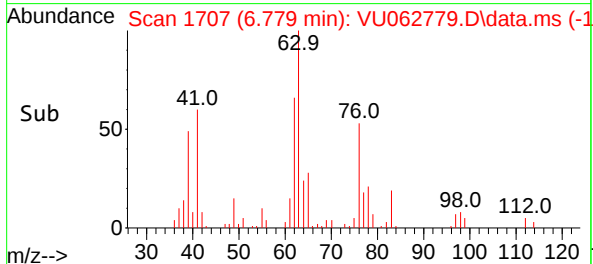
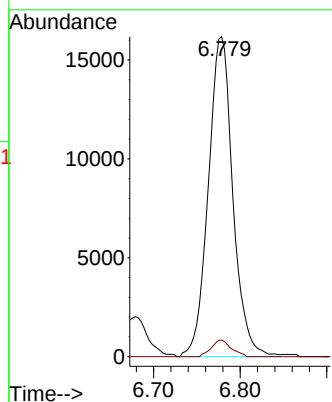
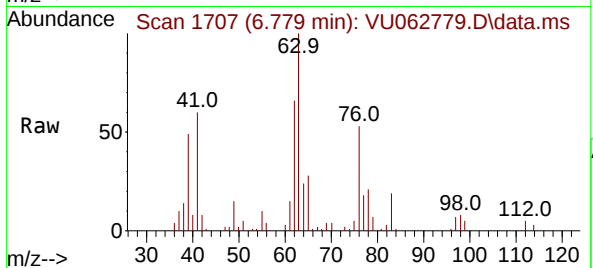




#37
1,2-Dichloropropane
Concen: 5.131 ug/L
RT: 6.779 min Scan# 1707
Delta R.T. -0.000 min
Lab File: VU062779.D
Acq: 15 Jan 2025 20:00

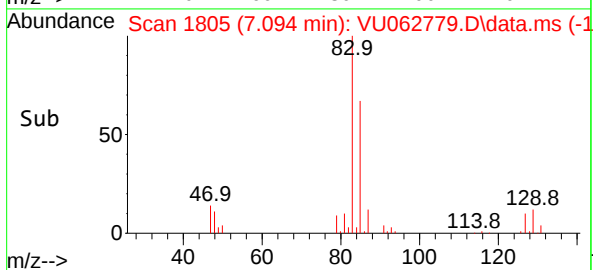
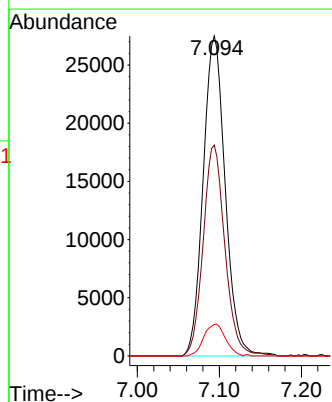
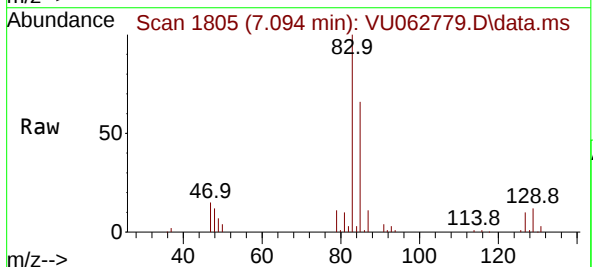
Instrument :
MSVOA_U
ClientSampleId :

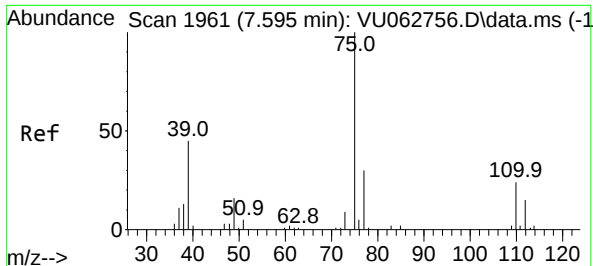
Tgt Ion: 63 Resp: 31911
Ion Ratio Lower Upper
63 100
112 4.2 3.8 5.8



#38
Bromodichloromethane
Concen: 5.132 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU062779.D
Acq: 15 Jan 2025 20:00

Tgt Ion: 83 Resp: 51334
Ion Ratio Lower Upper
83 100
85 65.9 44.2 82.0
127 9.9 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 5.102 ug/L

RT: 7.595 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VU062779.D

Acq: 15 Jan 2025 20:00

Instrument :

MSVOA_U

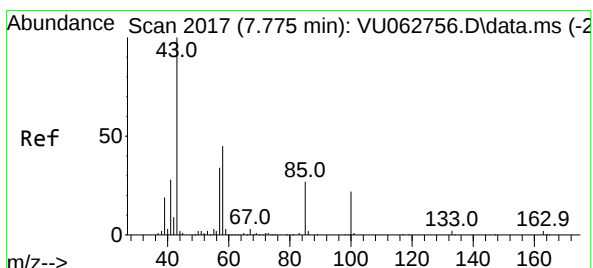
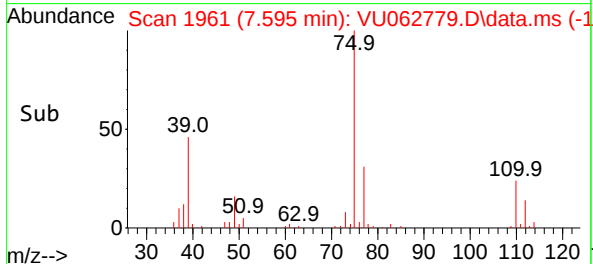
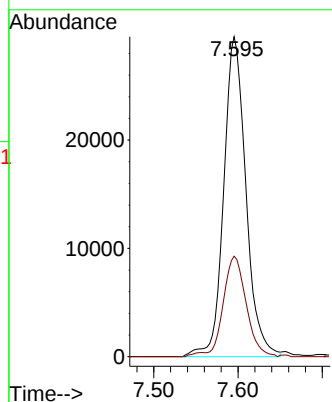
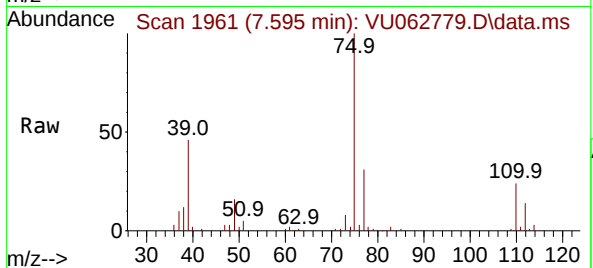
ClientSampleId :

Tgt Ion: 75 Resp: 54030

Ion Ratio Lower Upper

75 100

77 31.4 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 51.561 ug/L

RT: 7.775 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VU062779.D

Acq: 15 Jan 2025 20:00

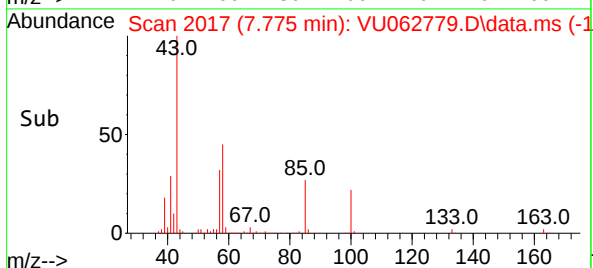
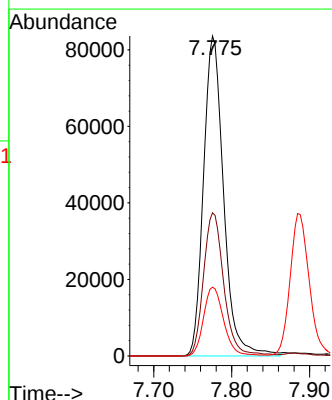
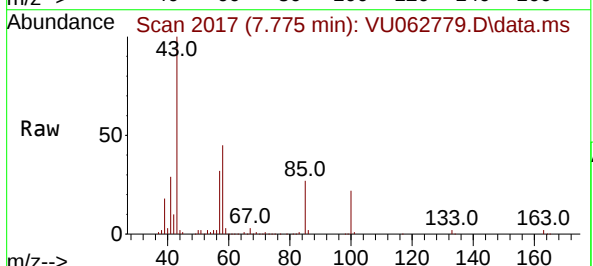
Tgt Ion: 43 Resp: 149797

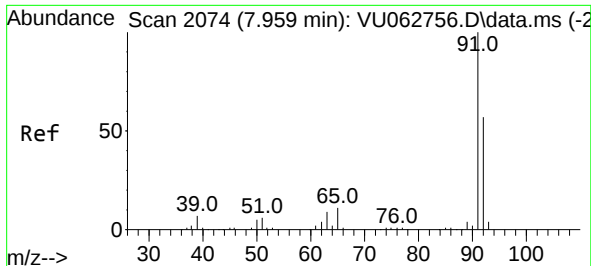
Ion Ratio Lower Upper

43 100

58 45.3 35.8 53.8

100 21.6 16.8 25.2





#42

Toluene

Concen: 5.142 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU062779.D

Acq: 15 Jan 2025 20:00

Instrument :

MSVOA_U

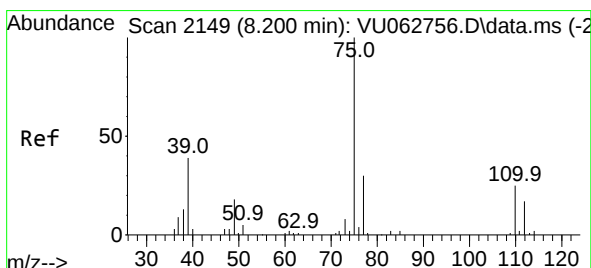
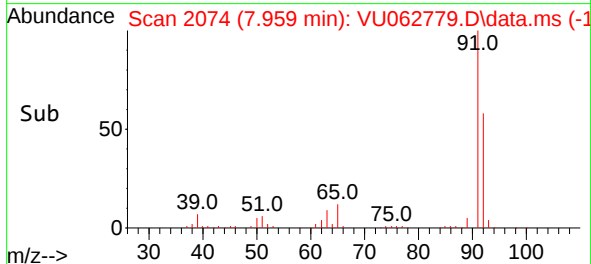
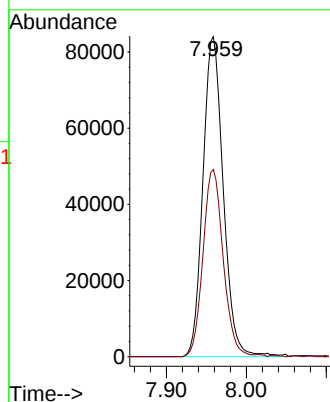
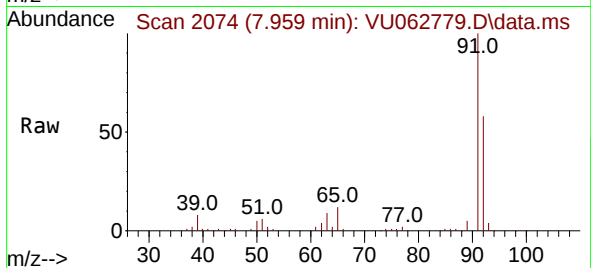
ClientSampleId :

Tgt Ion: 91 Resp: 148562

Ion Ratio Lower Upper

91 100

92 58.5 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 5.245 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.000 min

Lab File: VU062779.D

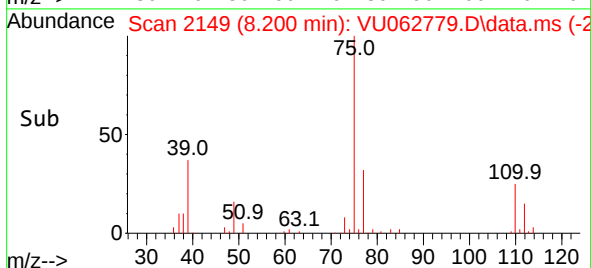
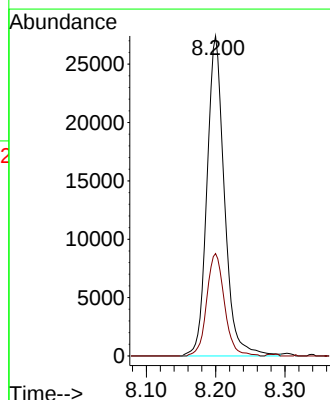
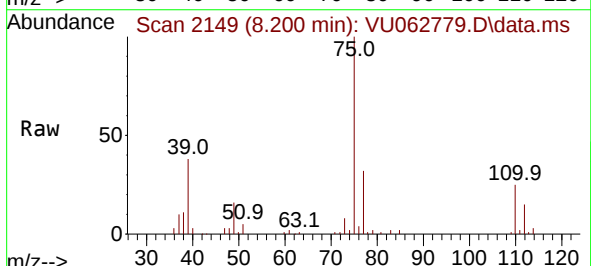
Acq: 15 Jan 2025 20:00

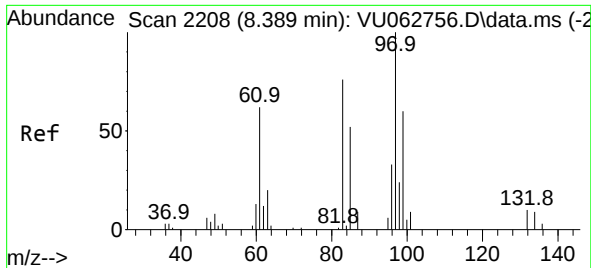
Tgt Ion: 75 Resp: 47883

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.6

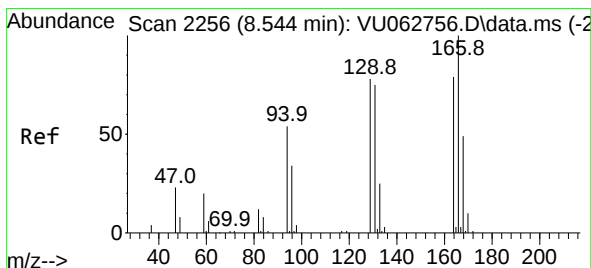
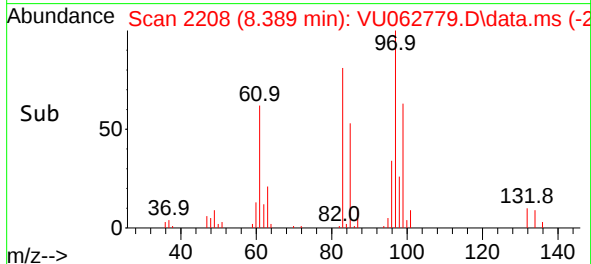
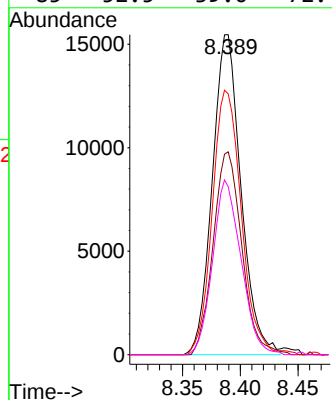
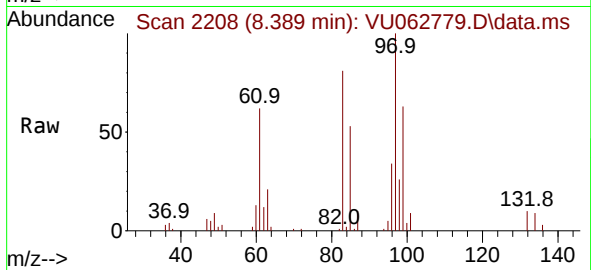




#45
1,1,2-Trichloroethane
Concen: 5.283 ug/L
RT: 8.389 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062779.D
Acq: 15 Jan 2025 20:00

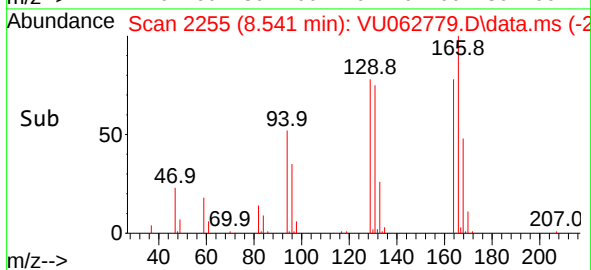
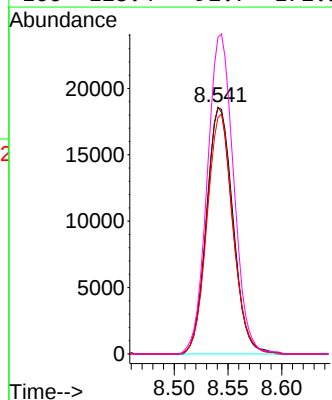
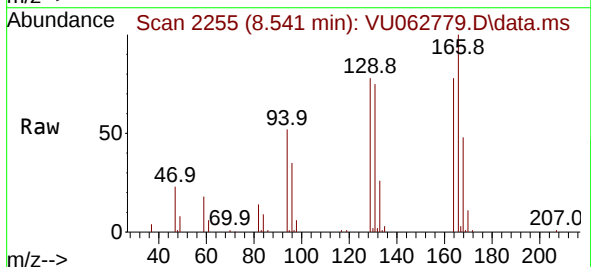
Instrument :
MSVOA_U
ClientSampleId :

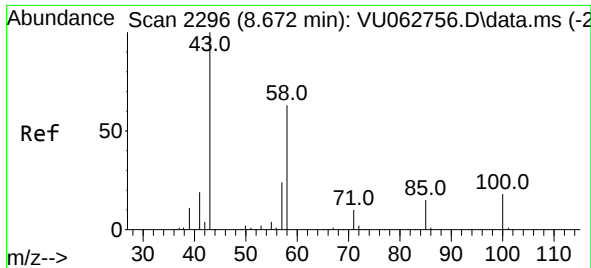
Tgt Ion: 97	Resp: 26688
Ion Ratio	Lower Upper
97 100	
99 63.4	45.6 84.6
83 81.5	63.0 117.0
85 52.5	39.0 72.4



#47
Tetrachloroethene
Concen: 5.112 ug/L
RT: 8.541 min Scan# 2255
Delta R.T. -0.003 min
Lab File: VU062779.D
Acq: 15 Jan 2025 20:00

Tgt	Ion:164	Resp:	31711
Ion	Ratio	Lower	Upper
164	100		
129	100.0	71.0	131.9
131	95.9	69.4	129.0
166	128.4	92.7	172.3

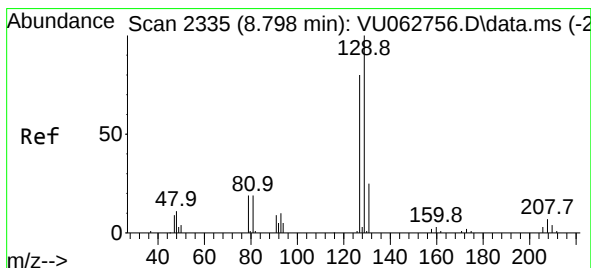
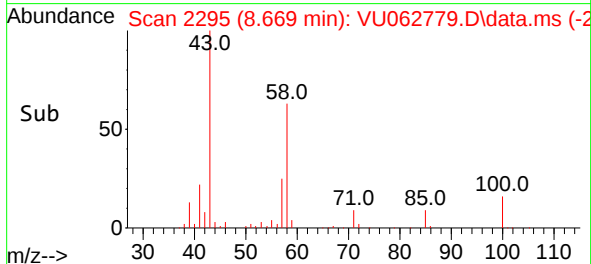
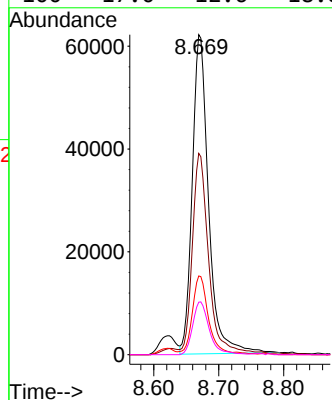
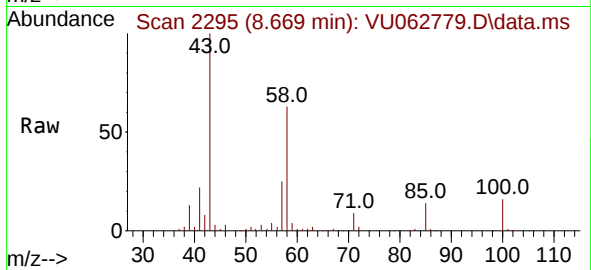




#48
2-Hexanone
Concen: 51.855 ug/L
RT: 8.669 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062779.D
Acq: 15 Jan 2025 20:00

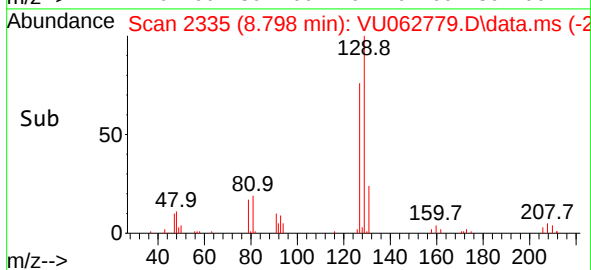
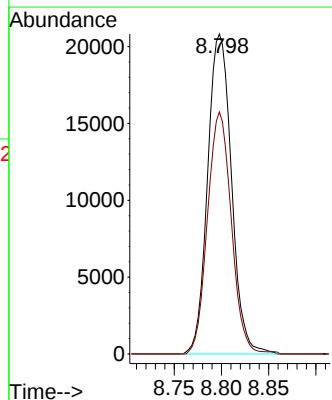
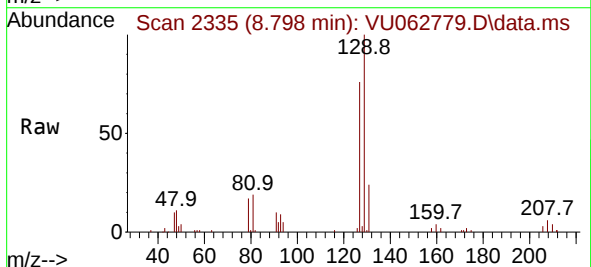
Instrument :
MSVOA_U
ClientSampleId :

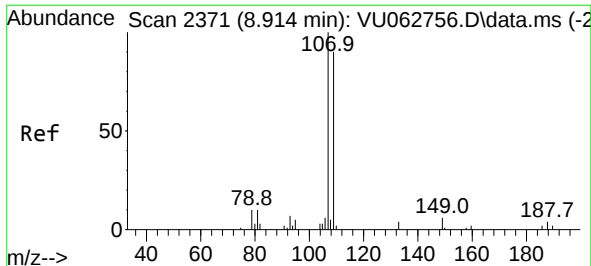
Tgt Ion: 43	Resp: 108309
Ion Ratio	Lower Upper
43 100	
58 61.1	50.2 75.4
57 22.9	19.9 29.9
100 17.0	12.6 18.8



#49
Dibromochloromethane
Concen: 5.386 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VU062779.D
Acq: 15 Jan 2025 20:00

Tgt Ion:129	Resp:	36529	
Ion	Ratio	Lower	Upper
129	100		
127	75.6	52.1	96.9





#50

1,2-Dibromoethane

Concen: 5.398 ug/L

RT: 8.910 min Scan# 21

Delta R.T. -0.003 min

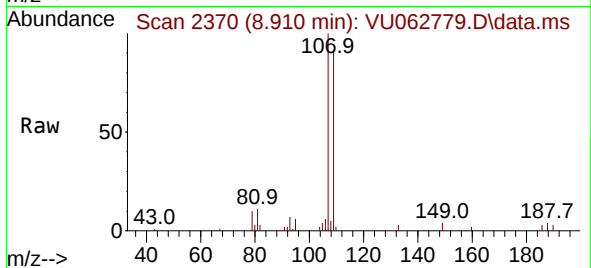
Lab File: VU062779.D

Acq: 15 Jan 2025 20:00

Instrument :

MSVOA_U

ClientSampleId :



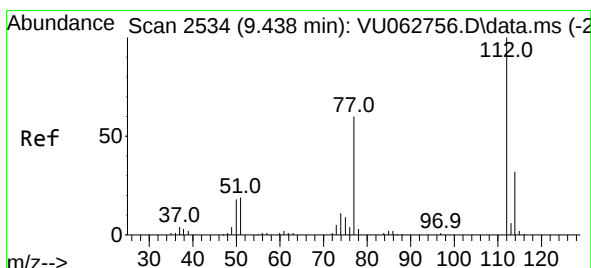
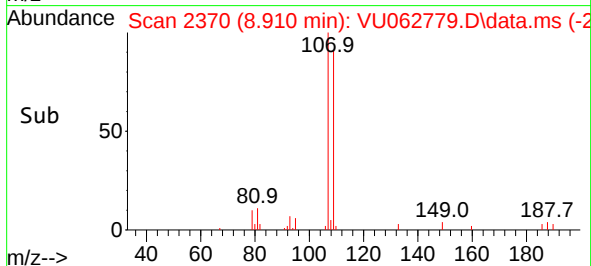
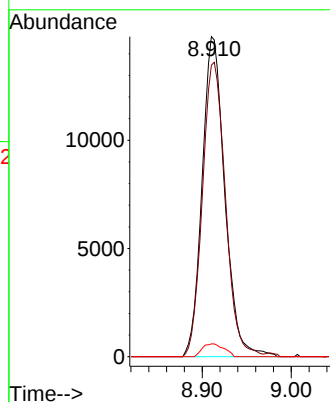
Tgt Ion:107 Resp: 26088

Ion Ratio Lower Upper

107 100

109 91.1 65.7 121.9

188 4.0 3.4 5.2



#51

Chlorobenzene

Concen: 5.201 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU062779.D

Acq: 15 Jan 2025 20:00

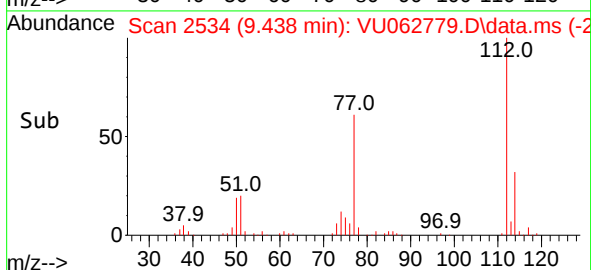
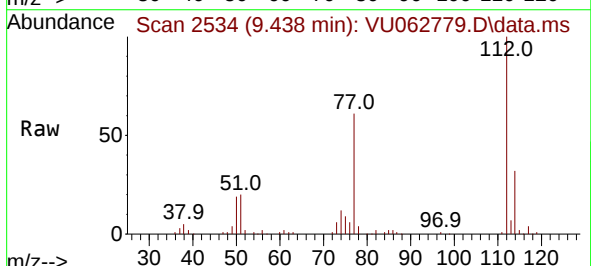
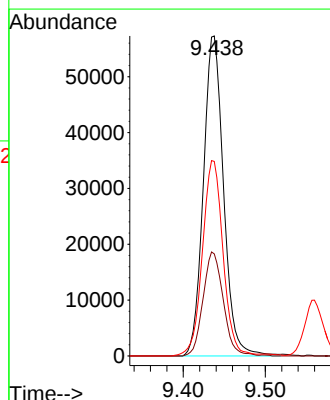
Tgt Ion:112 Resp: 98256

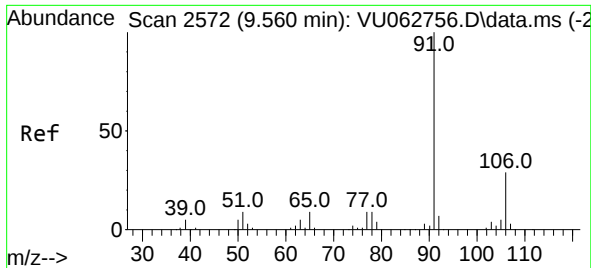
Ion Ratio Lower Upper

112 100

114 31.9 21.7 40.3

77 60.8 48.6 73.0

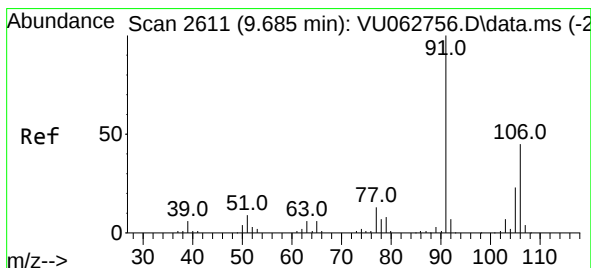
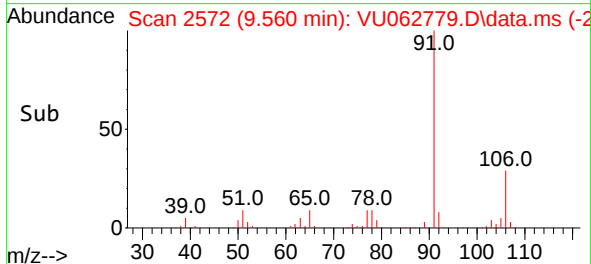
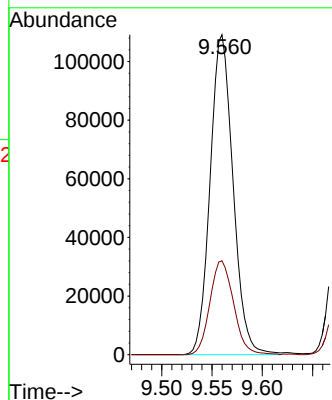
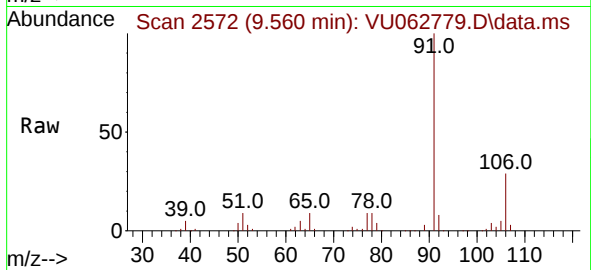




#52
Ethylbenzene
Concen: 5.277 ug/L
RT: 9.560 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062779.D
Acq: 15 Jan 2025 20:00

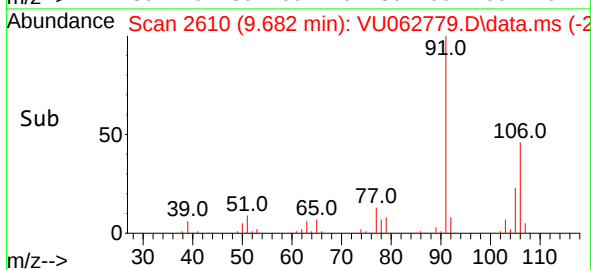
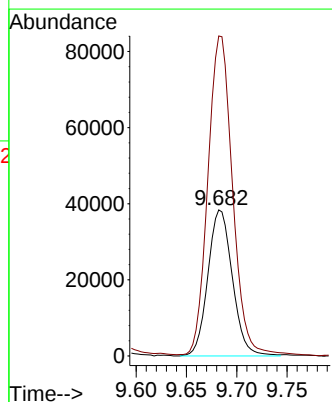
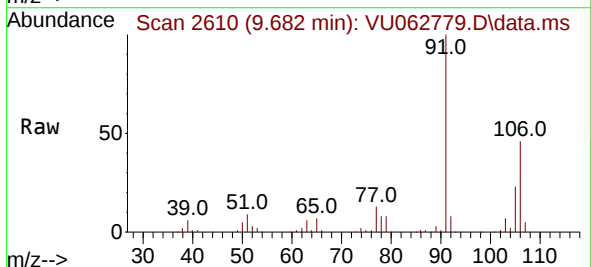
Instrument :
MSVOA_U
ClientSampleId :

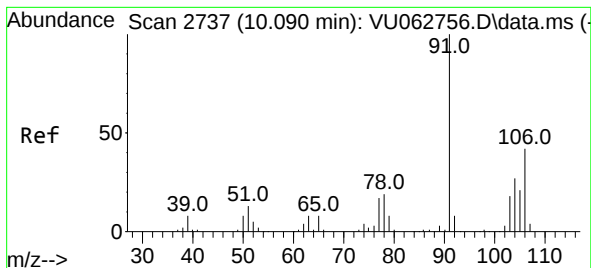
Tgt Ion: 91 Resp: 173009
Ion Ratio Lower Upper
91 100
106 29.3 21.9 40.7



#53
m,p-Xylene
Concen: 5.307 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. -0.003 min
Lab File: VU062779.D
Acq: 15 Jan 2025 20:00

Tgt Ion:106 Resp: 65073
Ion Ratio Lower Upper
106 100
91 219.0 153.1 284.3





#54

o-Xylene

Concen: 5.301 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. 0.000 min

Lab File: VU062779.D

Acq: 15 Jan 2025 20:00

Instrument :

MSVOA_U

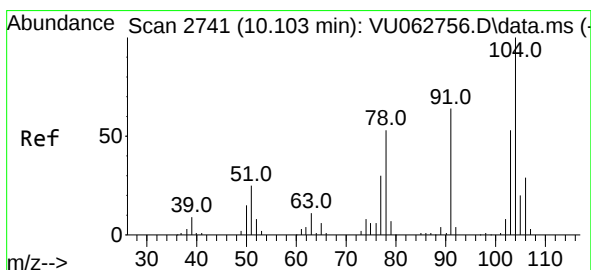
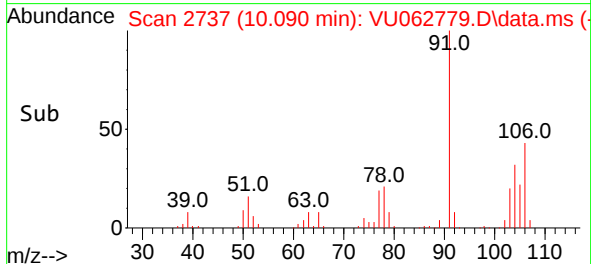
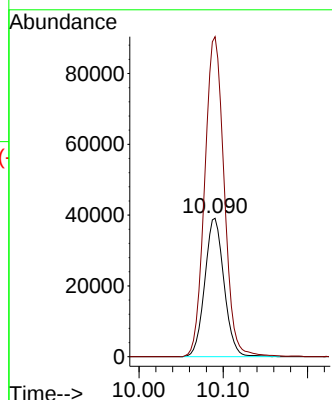
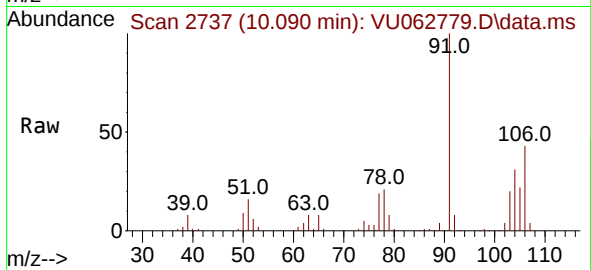
ClientSampleId :

Tgt Ion:106 Resp: 62250

Ion Ratio Lower Upper

106 100

91 231.3 160.4 297.8



#55

Styrene

Concen: 5.487 ug/L

RT: 10.103 min Scan# 2741

Delta R.T. 0.000 min

Lab File: VU062779.D

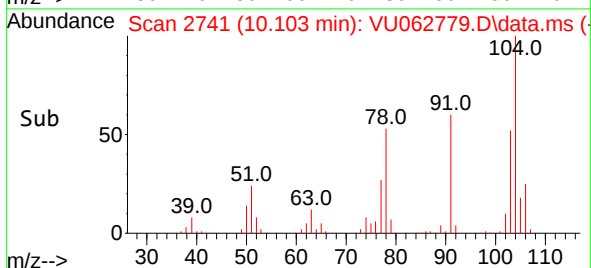
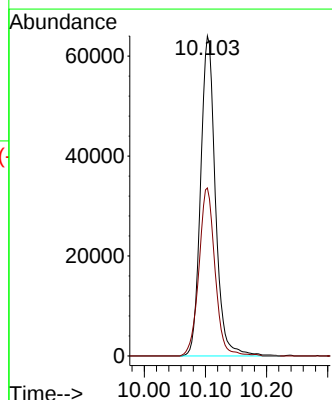
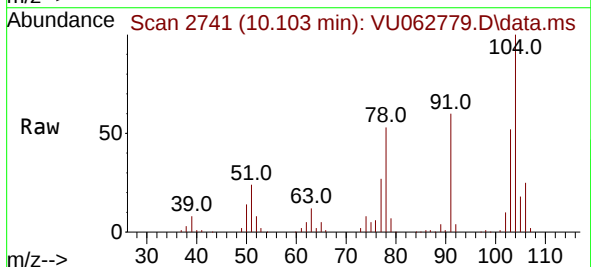
Acq: 15 Jan 2025 20:00

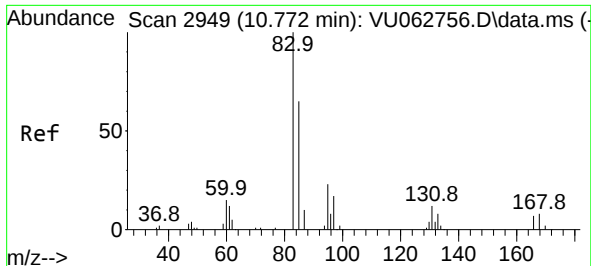
Tgt Ion:104 Resp: 107784

Ion Ratio Lower Upper

104 100

78 52.5 35.5 65.9

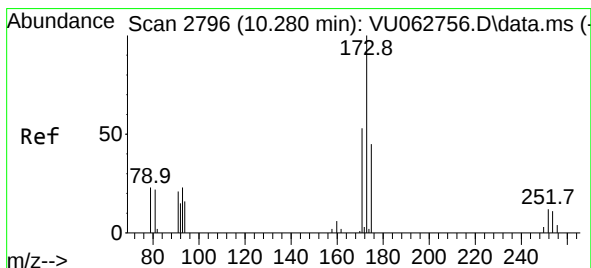
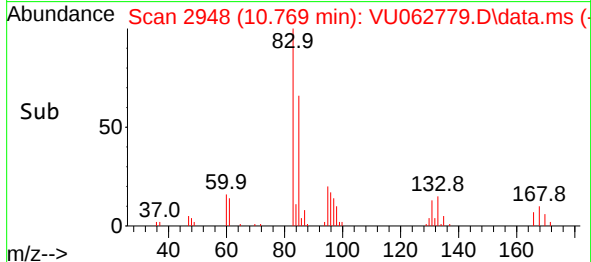
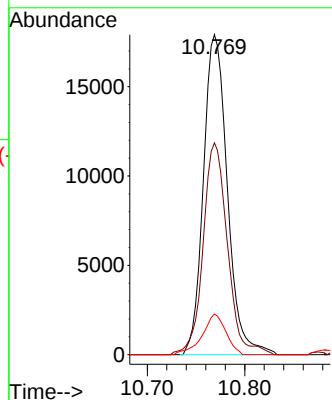
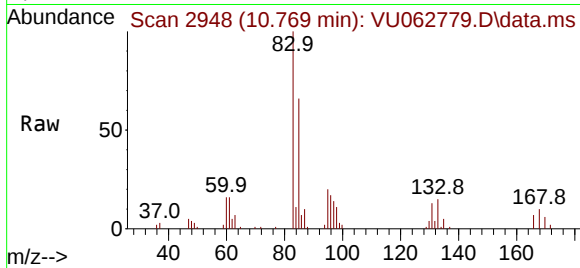




#57
1,1,2,2-Tetrachloroethane
Concen: 5.402 ug/L
RT: 10.769 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU062779.D
Acq: 15 Jan 2025 20:00

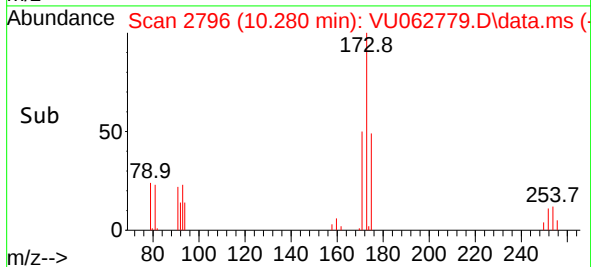
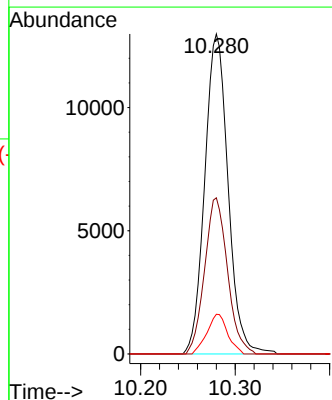
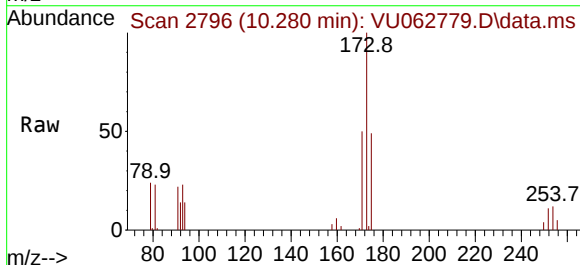
Instrument :
MSVOA_U
ClientSampleId :

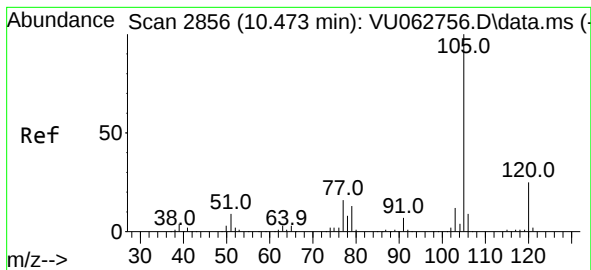
Tgt Ion: 83 Resp: 30610
Ion Ratio Lower Upper
83 100
85 66.2 43.0 79.8
131 12.7 7.4 11.0#



#59
Bromoform
Concen: 5.067 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. -0.000 min
Lab File: VU062779.D
Acq: 15 Jan 2025 20:00

Tgt Ion:173 Resp: 22220
Ion Ratio Lower Upper
173 100
175 47.9 39.8 59.8
254 11.0 8.6 12.8





#60

Isopropylbenzene

Concen: 5.089 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. -0.000 min

Lab File: VU062779.D

Acq: 15 Jan 2025 20:00

Instrument :

MSVOA_U

ClientSampleId :

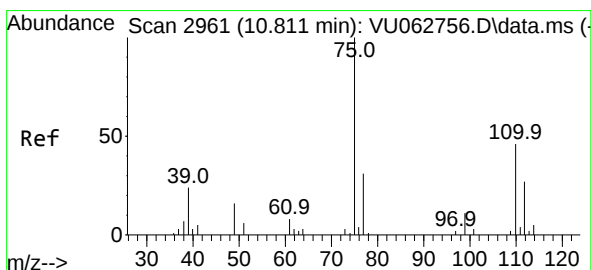
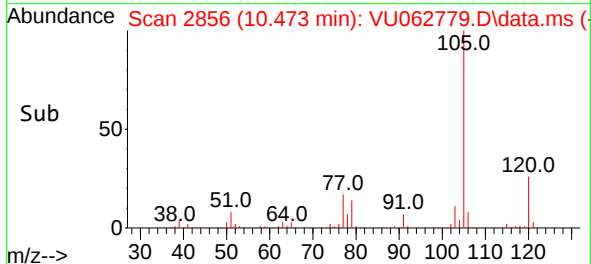
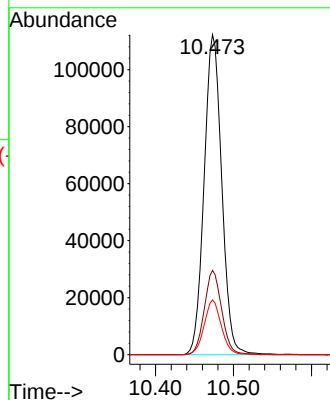
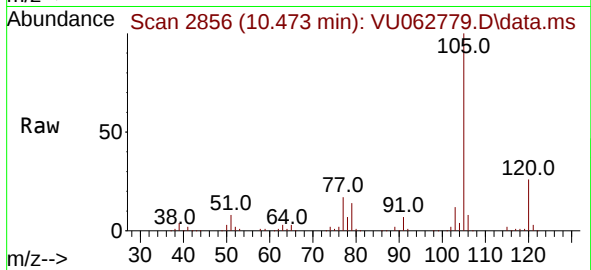
Tgt Ion:105 Resp: 176321

Ion Ratio Lower Upper

105 100

120 25.9 20.2 30.2

77 16.7 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 5.088 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. 0.000 min

Lab File: VU062779.D

Acq: 15 Jan 2025 20:00

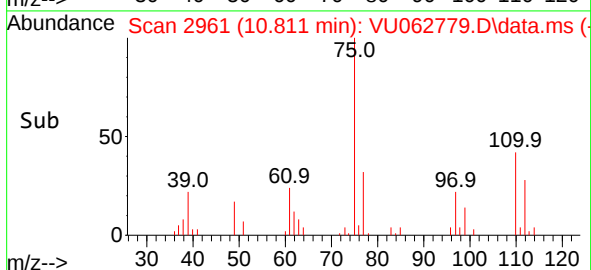
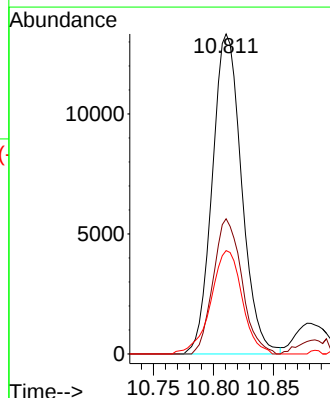
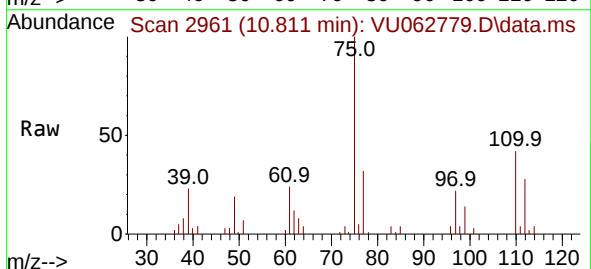
Tgt Ion: 75 Resp: 22692

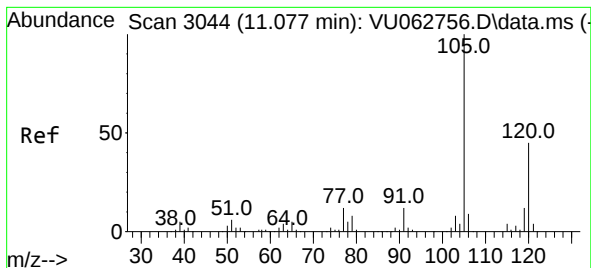
Ion Ratio Lower Upper

75 100

110 41.1 33.2 49.8

77 34.4 25.9 38.9





#62

1,3,5-Trimethylbenzene

Concen: 5.344 ug/L

RT: 11.077 min Scan# 3044

Delta R.T. 0.000 min

Lab File: VU062779.D

Acq: 15 Jan 2025 20:00

Instrument :

MSVOA_U

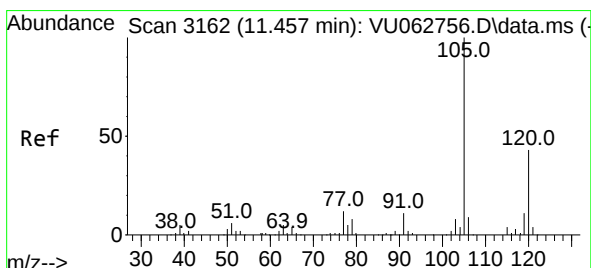
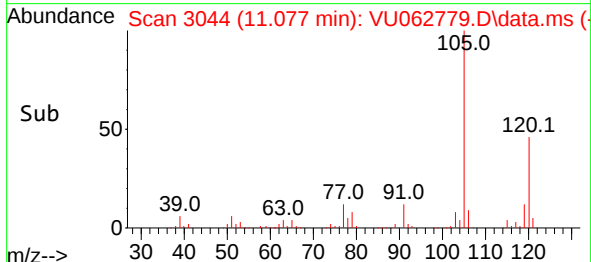
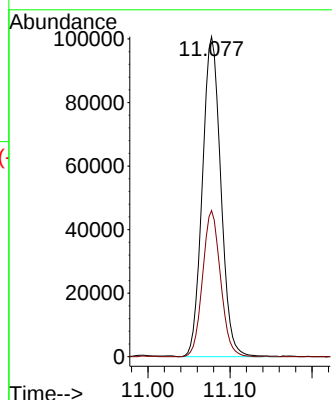
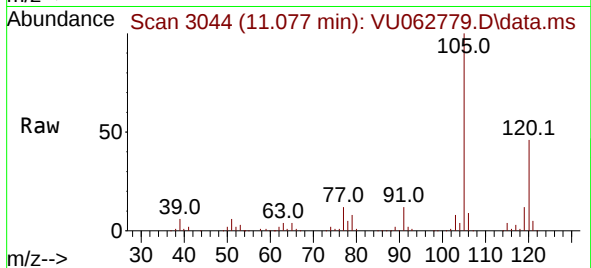
ClientSampleId :

Tgt Ion:105 Resp: 157385

Ion Ratio Lower Upper

105 100

120 44.4 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 5.270 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VU062779.D

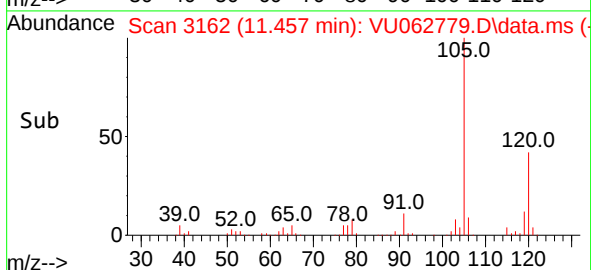
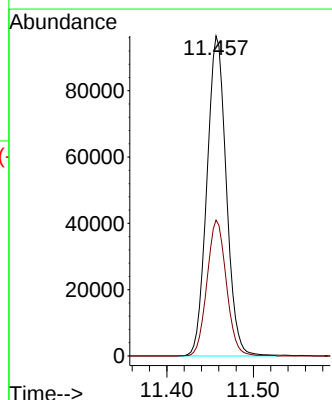
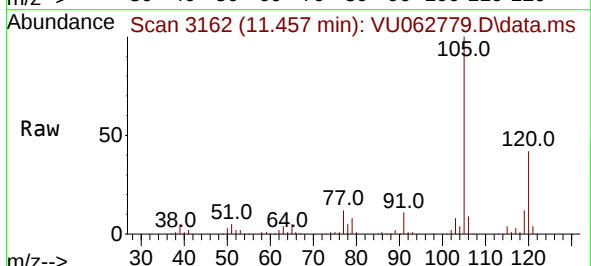
Acq: 15 Jan 2025 20:00

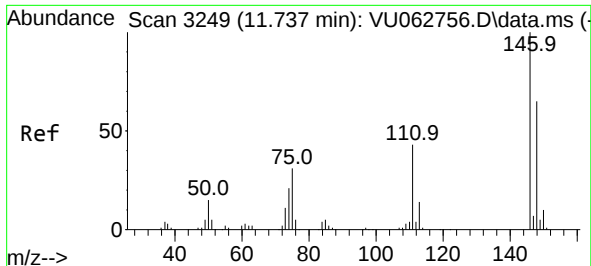
Tgt Ion:105 Resp: 150135

Ion Ratio Lower Upper

105 100

120 42.5 34.2 51.2

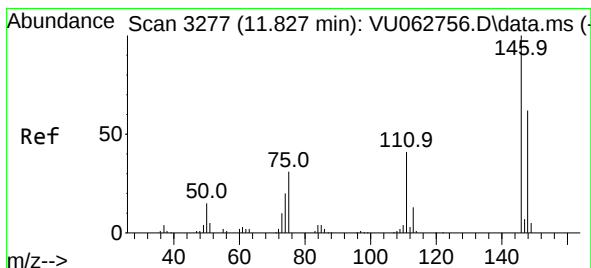
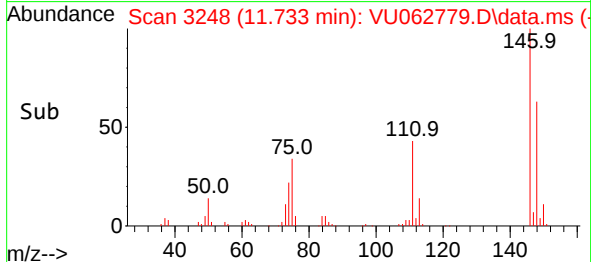
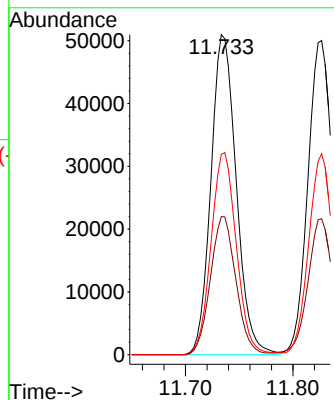
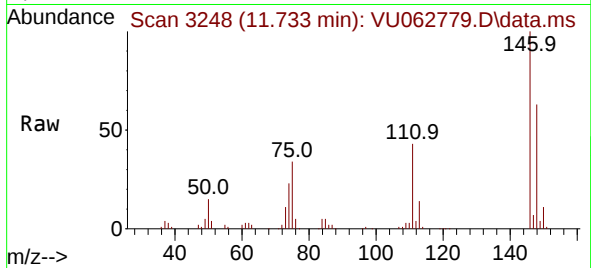




#64
1,3-Dichlorobenzene
Concen: 5.198 ug/L
RT: 11.733 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU062779.D
Acq: 15 Jan 2025 20:00

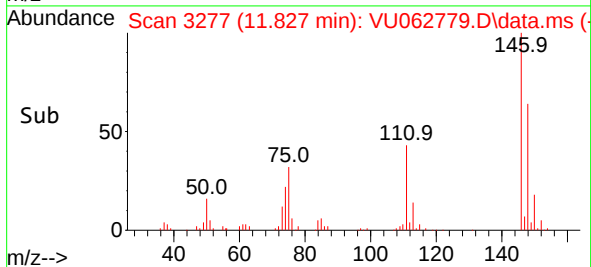
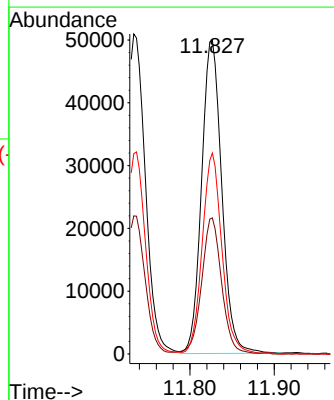
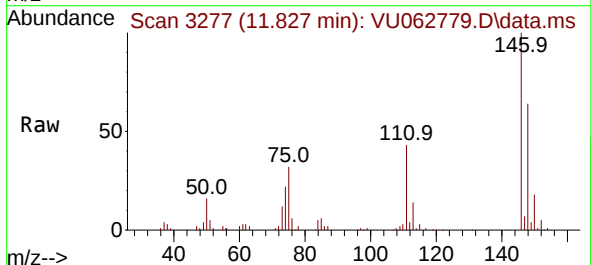
Instrument :
MSVOA_U
ClientSampleId :

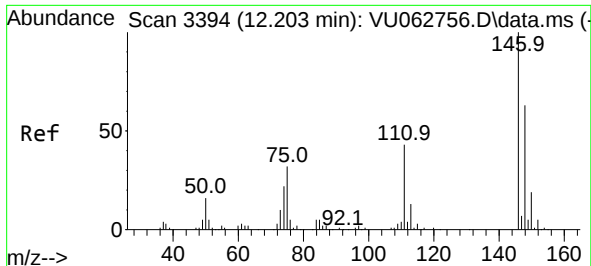
Tgt Ion:146 Resp: 83492
Ion Ratio Lower Upper
146 100
111 43.2 28.6 53.0
148 62.6 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 5.144 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU062779.D
Acq: 15 Jan 2025 20:00

Tgt Ion:146 Resp: 83319
Ion Ratio Lower Upper
146 100
111 43.3 29.5 54.9
148 64.0 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 5.078 ug/L

RT: 12.200 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU062779.D

Acq: 15 Jan 2025 20:00

Instrument :

MSVOA_U

ClientSampleId :

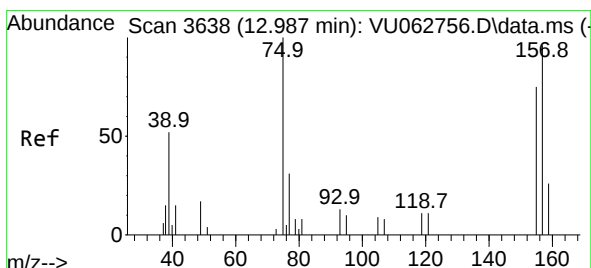
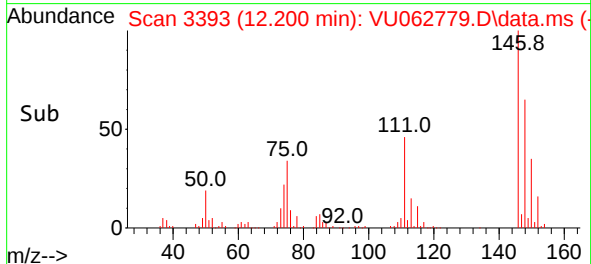
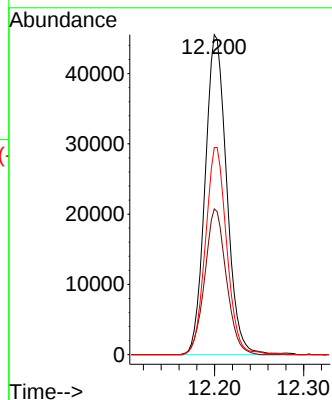
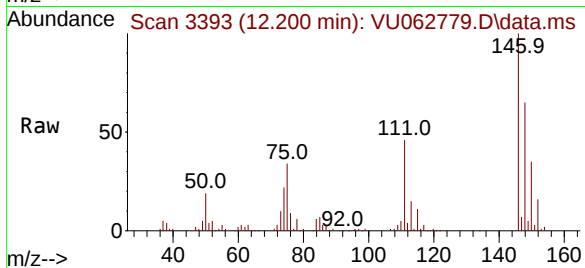
Tgt Ion:146 Resp: 76450

Ion Ratio Lower Upper

146 100

111 45.6 36.3 54.5

148 64.7 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.821 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU062779.D

Acq: 15 Jan 2025 20:00

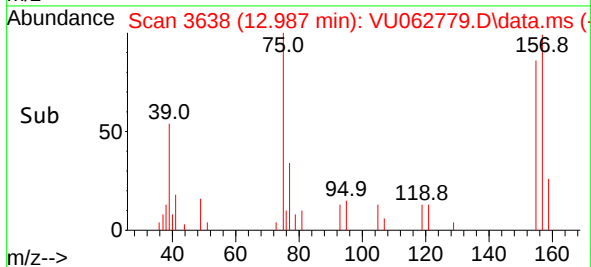
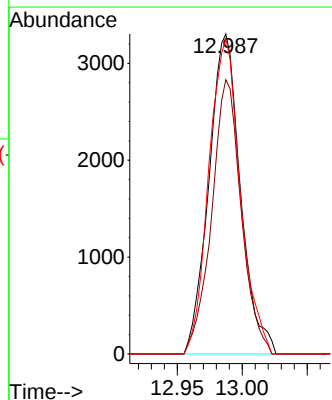
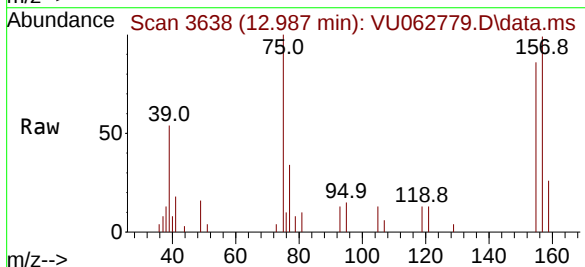
Tgt Ion: 75 Resp: 5569

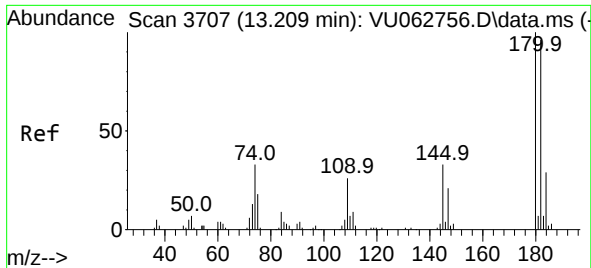
Ion Ratio Lower Upper

75 100

155 85.7 59.6 89.4

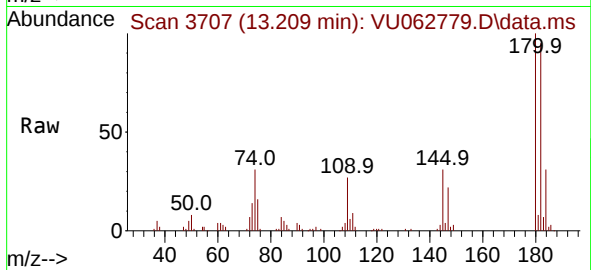
157 98.5 70.8 106.2



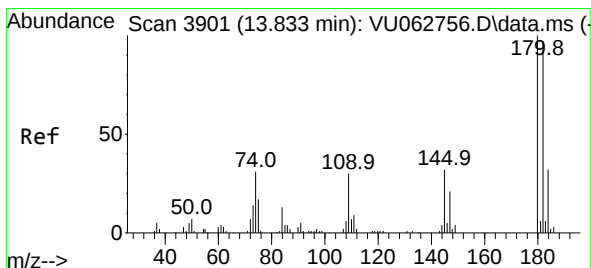
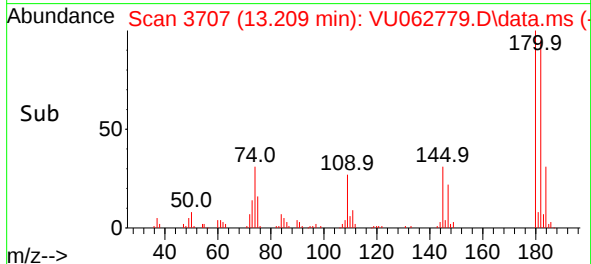
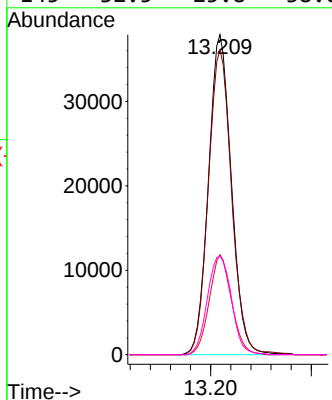


#69
1,3,5-Trichlorobenzene
Concen: 4.952 ug/L
RT: 13.209 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU062779.D
Acq: 15 Jan 2025 20:00

Instrument :
MSVOA_U
ClientSampleId :

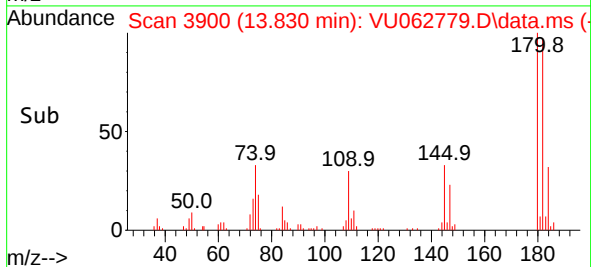
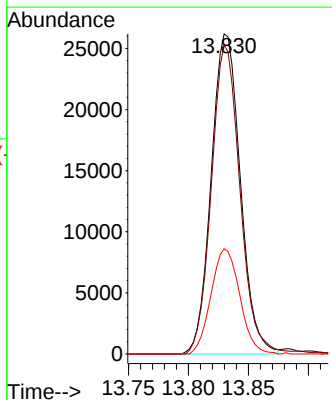
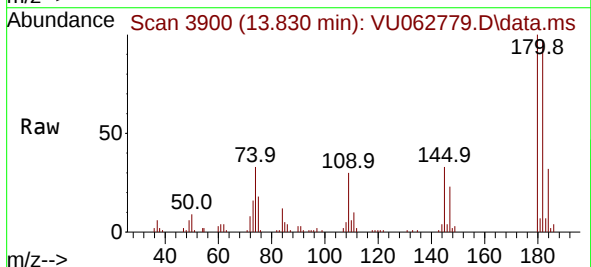


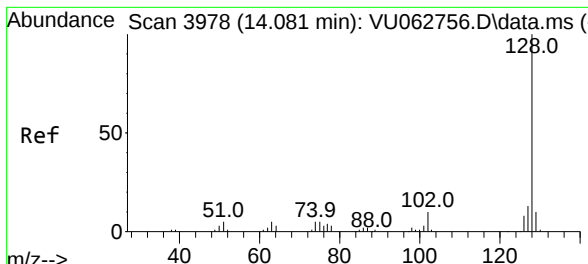
Tgt Ion:180 Resp: 59906
Ion Ratio Lower Upper
180 100
182 97.0 75.8 113.8
184 30.4 24.7 37.1
145 32.5 25.8 38.6



#70
1,2,4-trichlorobenzene
Concen: 4.528 ug/L
RT: 13.830 min Scan# 3900
Delta R.T. -0.003 min
Lab File: VU062779.D
Acq: 15 Jan 2025 20:00

Tgt Ion:180 Resp: 44122
Ion Ratio Lower Upper
180 100
182 95.0 77.1 115.7
145 32.4 26.9 40.3

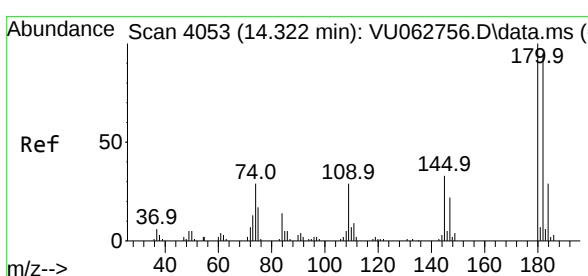
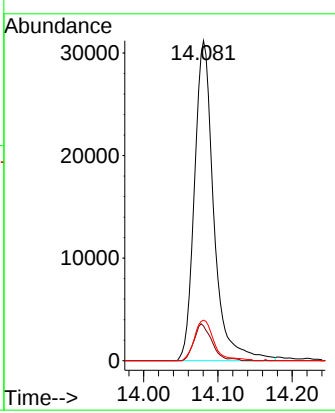
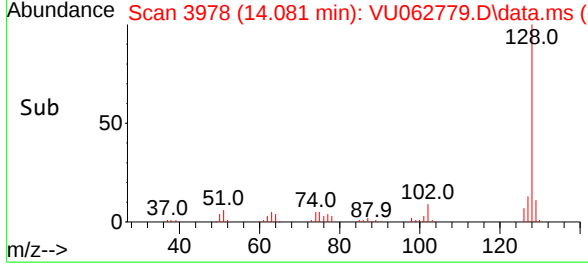
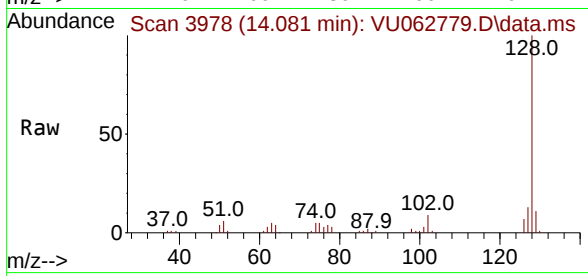




#71
 Naphthalene
 Concen: 3.954 ug/L
 RT: 14.081 min Scan# 3978
 Delta R.T. 0.000 min
 Lab File: VU062779.D
 Acq: 15 Jan 2025 20:00

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:	128	Resp:	56377
Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.5	12.7
127	12.9	10.2	15.2



#72
 1,2,3-Trichlorobenzene
 Concen: 4.391 ug/L
 RT: 14.319 min Scan# 4052
 Delta R.T. -0.003 min
 Lab File: VU062779.D
 Acq: 15 Jan 2025 20:00

Tgt Ion:	180	Resp:	37293
Ion	Ratio	Lower	Upper
180	100		
182	97.5	79.8	119.6
145	34.8	29.2	43.8

