

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062803.D
 Acq On : 16 Jan 2025 07:22
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 07:37:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 01:55:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	94475	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88421	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	47554	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19008	3.633	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.904	69	18099	4.300	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.557	65	9639	3.556	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	4.618	46	16364	15.302	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	30.600%#
24) Chloroform-d	5.049	84	63085	4.900	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.689	65	34653	4.963	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.714	84	100966	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.679	67	28128	4.694	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.888	98	96963	4.605	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.171	79	13661	4.573	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.621	63	39880	42.448	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.900%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	26666	5.313	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	39472	4.989	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	42771	4.752	ug/L	99
3) Chloromethane	1.515	50	27988	4.634	ug/L	99
5) Vinyl chloride	1.599	62	32621	4.796	ug/L	98
6) Bromomethane	1.843	94	18077	3.653	ug/L	98
8) Chloroethane	1.924	64	19833	4.854	ug/L	96
9) Trichlorofluoromethane	2.129	101	71233	5.192	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	31225	4.711	ug/L	99
12) 1,1-Dichloroethene	2.570	96	32011	5.458	ug/L	89
13) Acetone	2.612	43	38657	45.631	ug/L	97
14) Carbon disulfide	2.782	76	87615	4.677	ug/L	99
15) Methyl Acetate	2.940	43	9636	5.253	ug/L	96
16) Methylene chloride	3.030	84	32866	5.116	ug/L	99
17) Methyl tert-butyl Ether	3.348	73	87572	5.433	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	31567	5.024	ug/L	95
19) 1,1-Dichloroethane	3.853	63	58413	5.200	ug/L	96
21) 2-Butanone	4.695	43	14758	13.081	ug/L	95
22) cis-1,2-Dichloroethene	4.650	96	39171	5.725	ug/L	96
23) Bromochloromethane	4.959	128	17123	5.301	ug/L	95
25) Chloroform	5.075	83	71037	5.138	ug/L	95

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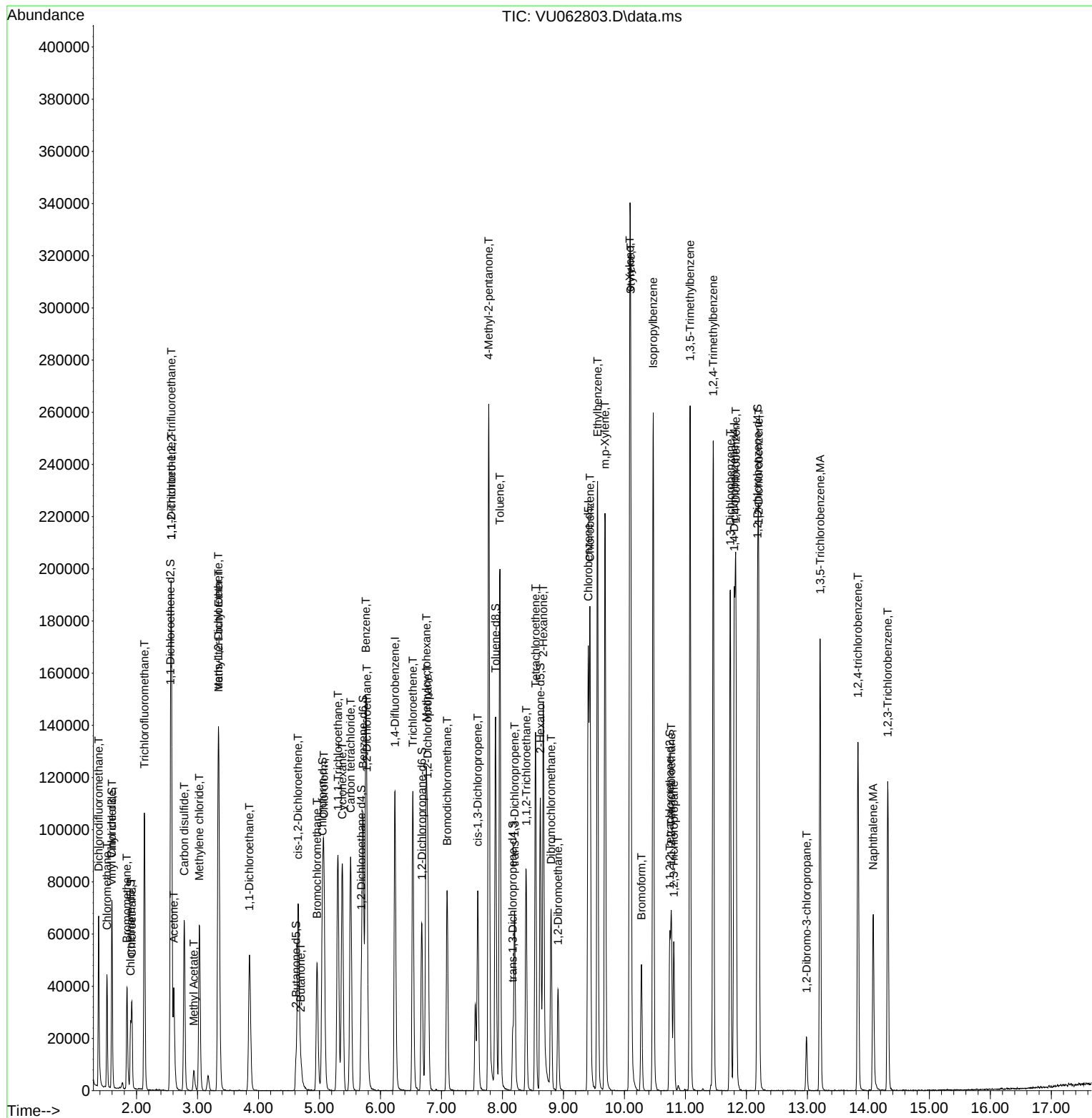
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	47896	5.298	ug/L #	96
29) 1,1,1-Trichloroethane	5.303	97	70113	5.228	ug/L	98
30) Cyclohexane	5.374	56	41883	4.782	ug/L	95
31) Carbon tetrachloride	5.512	117	64778	5.255	ug/L	99
33) Benzene	5.763	78	130574	5.140	ug/L	100
34) Trichloroethene	6.531	95	39566	4.559	ug/L	98
35) Methylcyclohexane	6.753	83	48148	4.509	ug/L	97
37) 1,2-Dichloropropane	6.775	63	30540	5.096	ug/L	100
38) Bromodichloromethane	7.094	83	51967	5.392	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	44210	4.333	ug/L	96
40) 4-Methyl-2-pentanone	7.775	43	146833	52.451	ug/L	99
42) Toluene	7.959	91	148835	5.347	ug/L	98
44) trans-1,3-Dichloropropene	8.200	75	40738	4.631	ug/L	98
45) 1,1,2-Trichloroethane	8.390	97	26560	5.457	ug/L	95
47) Tetrachloroethene	8.544	164	29432	4.924	ug/L	98
48) 2-Hexanone	8.669	43	88256	43.852	ug/L	95
49) Dibromochloromethane	8.798	129	35389	5.415	ug/L	99
50) 1,2-Dibromoethane	8.910	107	26668	5.727	ug/L	94
51) Chlorobenzene	9.434	112	96971	5.327	ug/L	99
52) Ethylbenzene	9.560	91	166475	5.270	ug/L	99
53) m,p-Xylene	9.682	106	61987	5.247	ug/L	100
54) o-Xylene	10.090	106	61311	5.418	ug/L	99
55) Styrene	10.103	104	103896	5.489	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.769	83	29736	5.446	ug/L #	97
59) Bromoform	10.280	173	22349	5.388	ug/L	99
60) Isopropylbenzene	10.473	105	169705	5.179	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	22704	5.383	ug/L	99
62) 1,3,5-Trimethylbenzene	11.078	105	145473	5.223	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	143257	5.317	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	80571	5.303	ug/L	96
65) 1,4-Dichlorobenzene	11.827	146	80539	5.257	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	75866	5.328	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	6063	5.549	ug/L	94
69) 1,3,5-Trichlorobenzene	13.209	180	54373	4.752	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	42545	4.617	ug/L	99
71) Naphthalene	14.081	128	61603	4.569	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	37287	4.642	ug/L	97

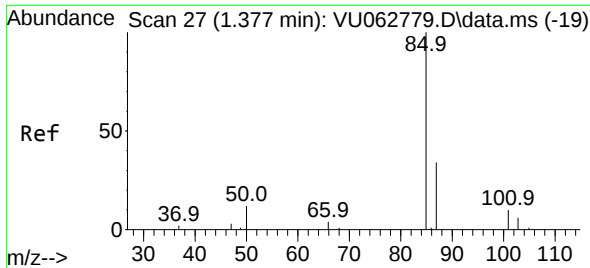
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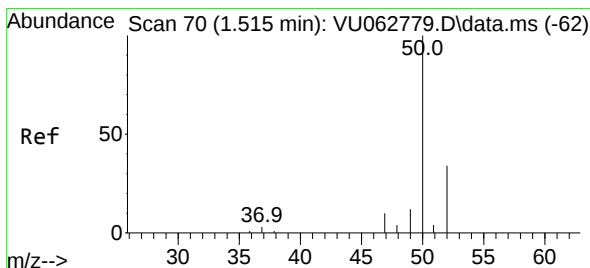
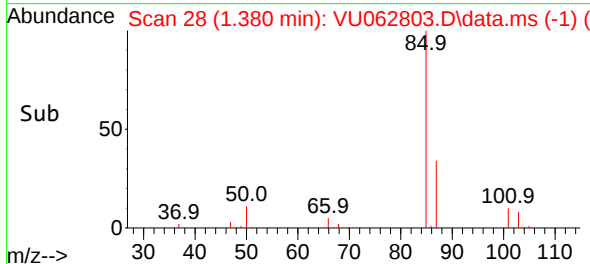
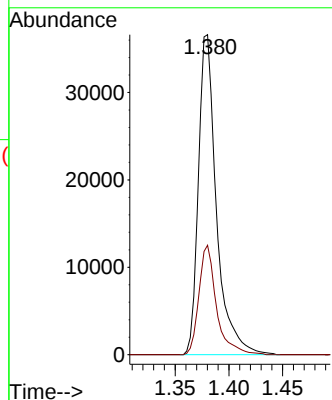
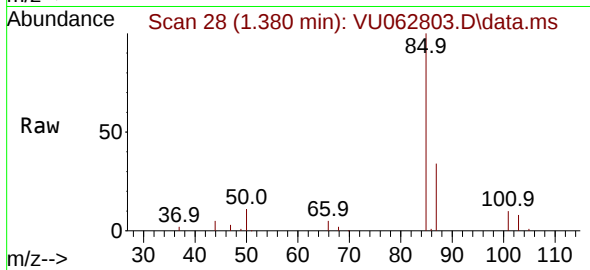




#2
Dichlorodifluoromethane
Concen: 4.752 ug/L
RT: 1.380 min Scan# 27
Delta R.T. 0.003 min
Lab File: VU062803.D
Acq: 16 Jan 2025 07:22

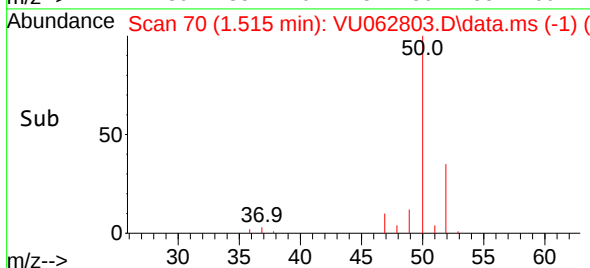
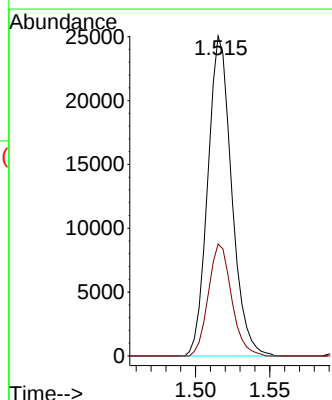
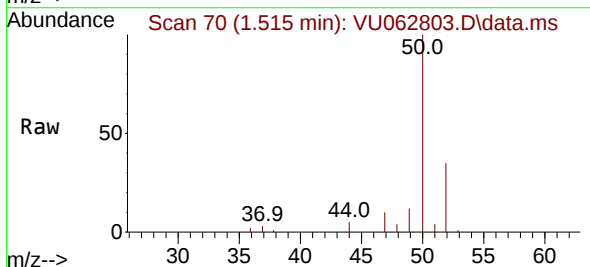
Instrument :
MSVOA_U
ClientSampleId :

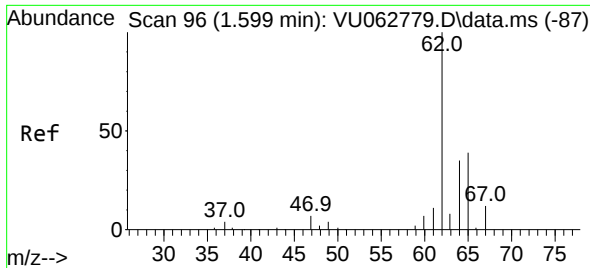
Tgt Ion: 85 Resp: 42771
Ion Ratio Lower Upper
85 100
87 33.3 26.1 39.1



#3
Chloromethane
Concen: 4.634 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU062803.D
Acq: 16 Jan 2025 07:22

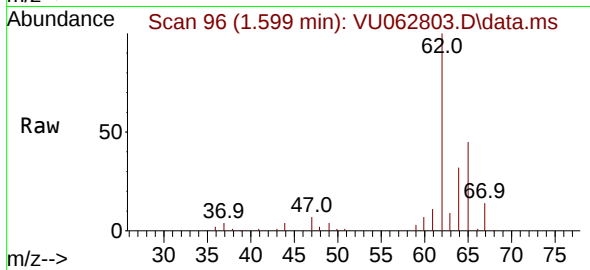
Tgt Ion: 50 Resp: 27988
Ion Ratio Lower Upper
50 100
52 35.0 24.1 44.7



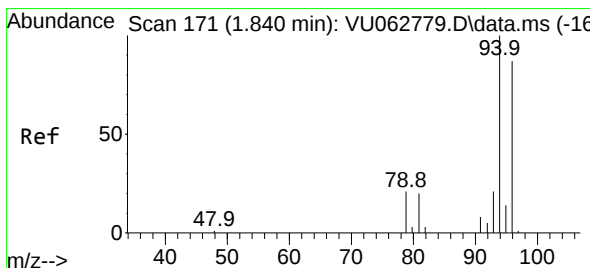
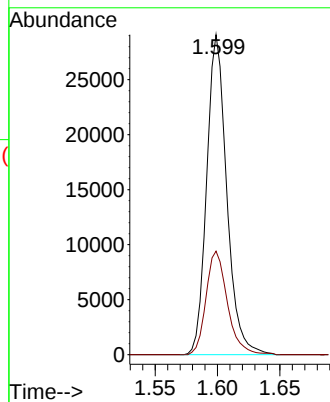
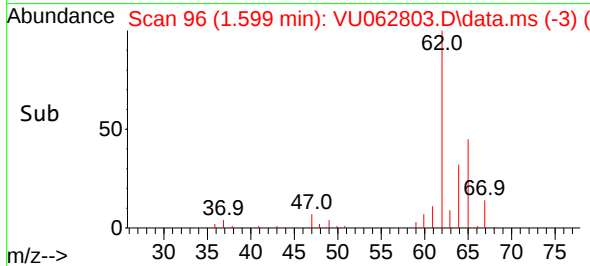


#5
 Vinyl chloride
 Concen: 4.796 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU062803.D
 Acq: 16 Jan 2025 07:22

Instrument :
 MSVOA_U
 ClientSampleId :

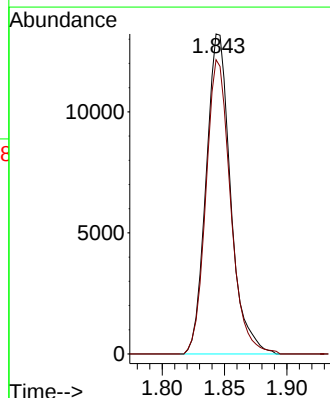
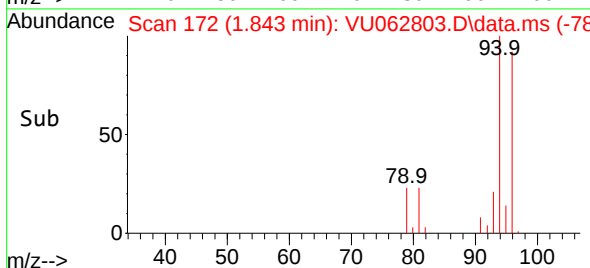
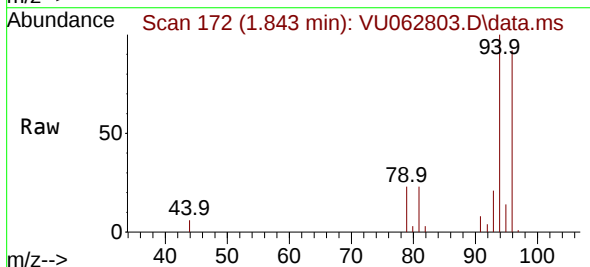


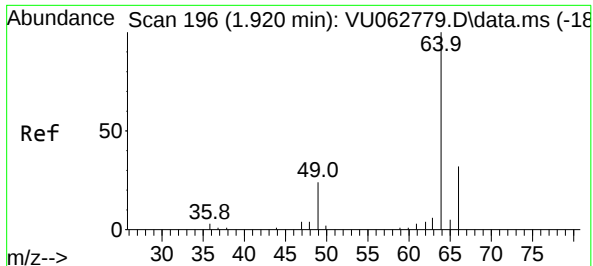
Tgt Ion: 62 Resp: 32621
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.4 43.4



#6
 Bromomethane
 Concen: 3.653 ug/L
 RT: 1.843 min Scan# 172
 Delta R.T. 0.003 min
 Lab File: VU062803.D
 Acq: 16 Jan 2025 07:22

Tgt Ion: 94 Resp: 18077
 Ion Ratio Lower Upper
 94 100
 96 92.0 62.9 116.7

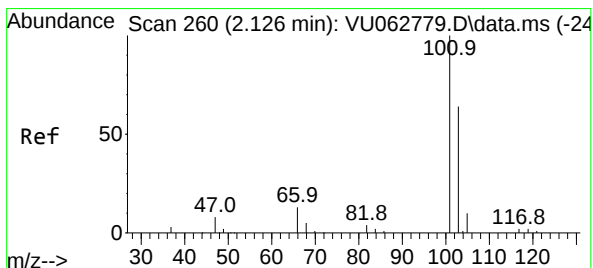
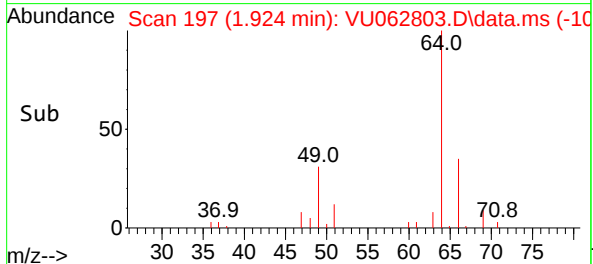
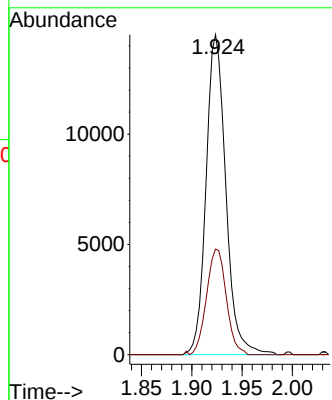
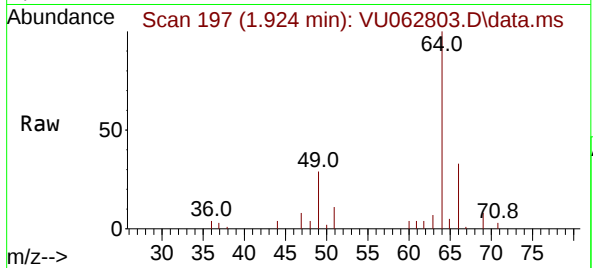




#8
Chloroethane
Concen: 4.854 ug/L
RT: 1.924 min Scan# 196
Delta R.T. 0.003 min
Lab File: VU062803.D
Acq: 16 Jan 2025 07:22

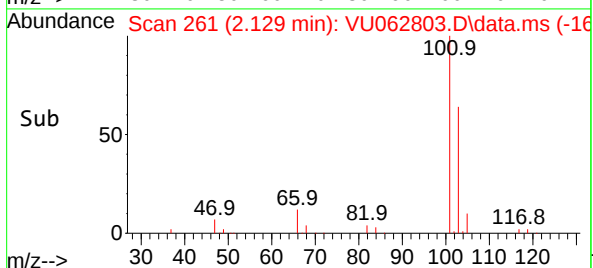
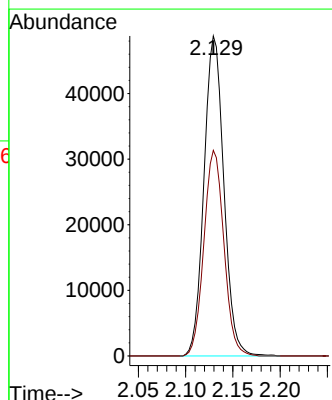
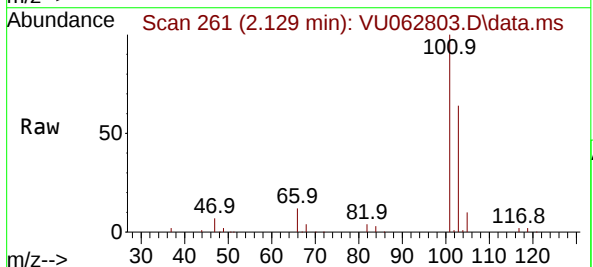
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MSVOA_U
ClientSampleId :

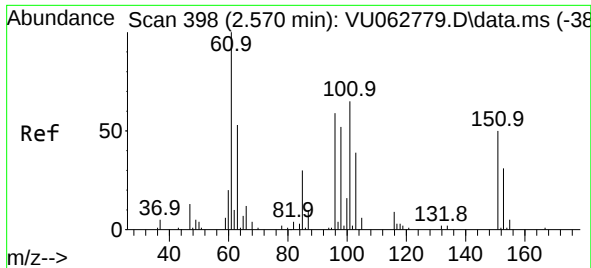
Tgt Ion: 64 Resp: 19833
Ion Ratio Lower Upper
64 100
66 33.0 21.6 40.2



#9
Trichlorofluoromethane
Concen: 5.192 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.003 min
Lab File: VU062803.D
Acq: 16 Jan 2025 07:22

Tgt Ion:101 Resp: 71233
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.0

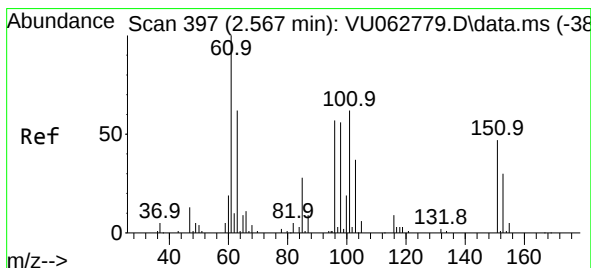
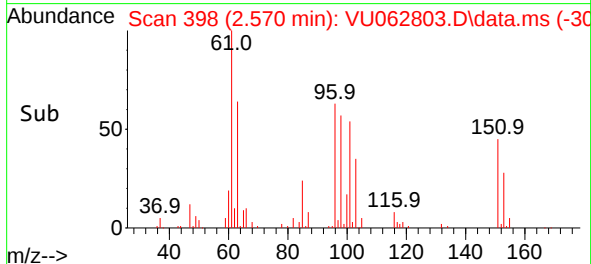
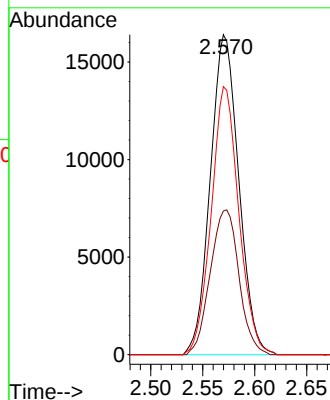
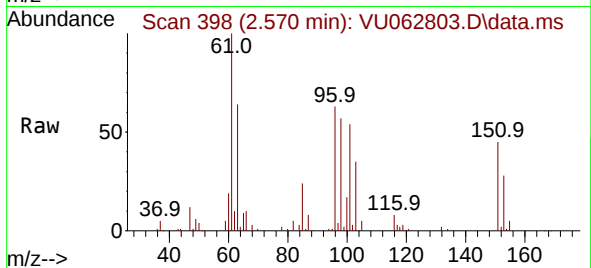




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.711 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU062803.D
 Acq: 16 Jan 2025 07:22

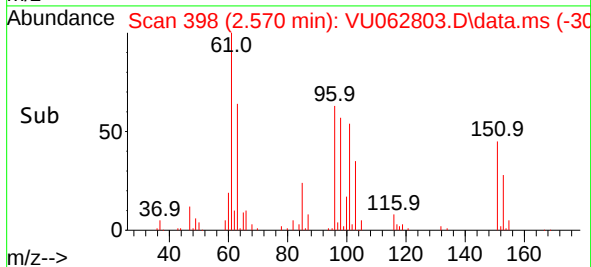
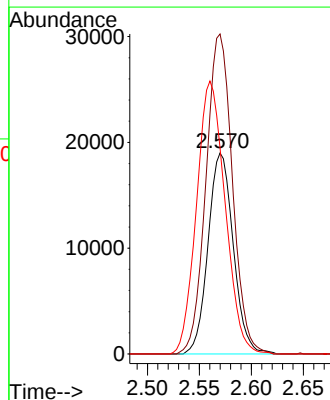
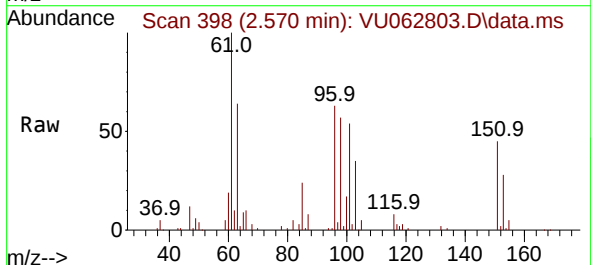
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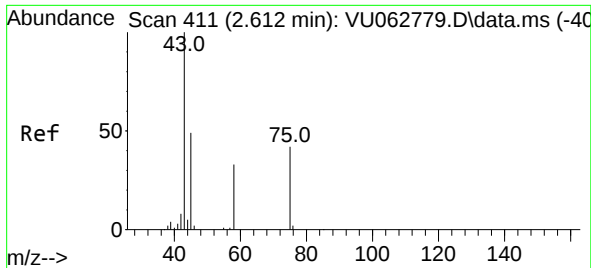
Tgt Ion:101 Resp: 31225
 Ion Ratio Lower Upper
 101 100
 85 45.7 37.0 55.6
 151 81.3 64.4 96.6



#12
 1,1-Dichloroethene
 Concen: 5.458 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.003 min
 Lab File: VU062803.D
 Acq: 16 Jan 2025 07:22

Tgt Ion: 96 Resp: 32011
 Ion Ratio Lower Upper
 96 100
 61 159.3 120.4 223.6
 63 102.6 82.3 152.9





#13

Acetone

Concen: 45.631 ug/L

RT: 2.612 min Scan# 411

Delta R.T. 0.000 min

Lab File: VU062803.D

Acq: 16 Jan 2025 07:22

Instrument :

MSVOA_U

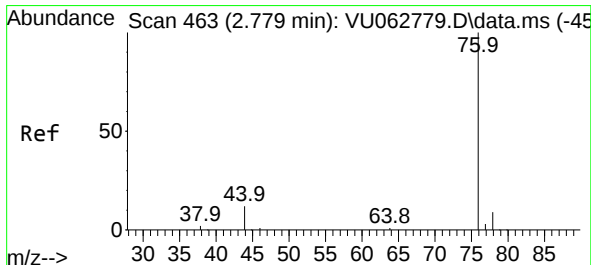
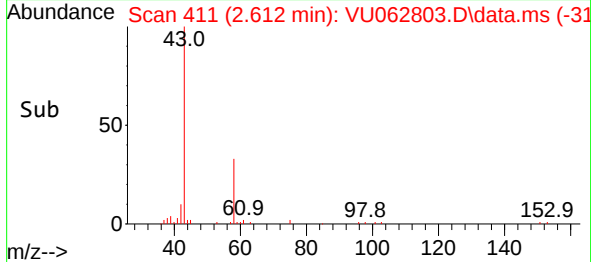
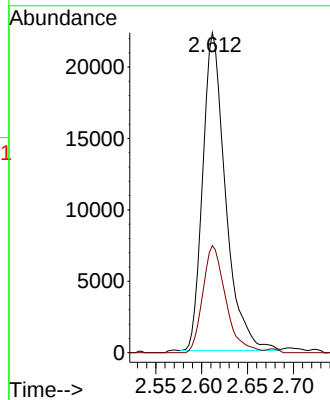
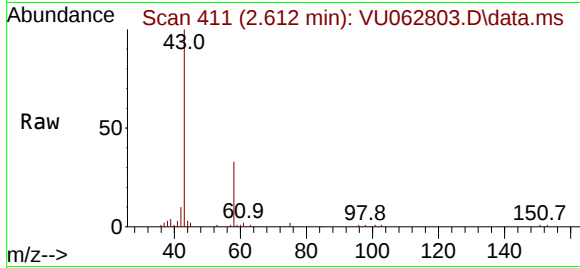
ClientSampleId :

Tgt Ion: 43 Resp: 38657

Ion Ratio Lower Upper

43 100

58 33.7 0.0 64.4



#14

Carbon disulfide

Concen: 4.677 ug/L

RT: 2.782 min Scan# 464

Delta R.T. 0.003 min

Lab File: VU062803.D

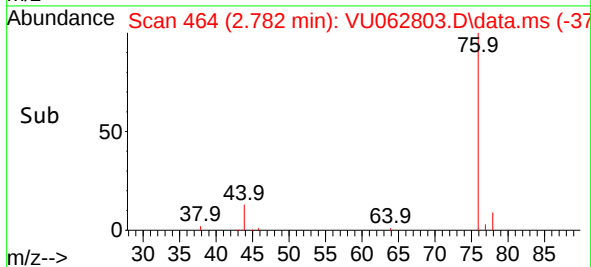
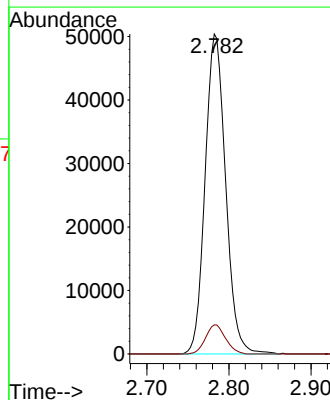
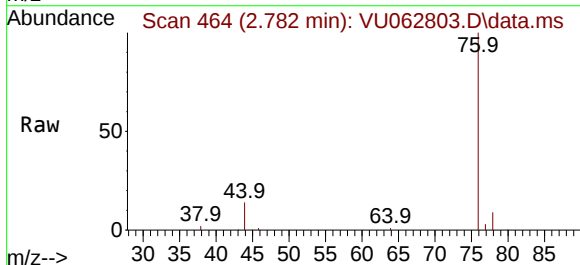
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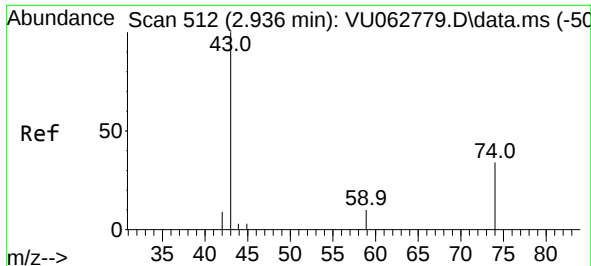
Tgt Ion: 76 Resp: 87615

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6

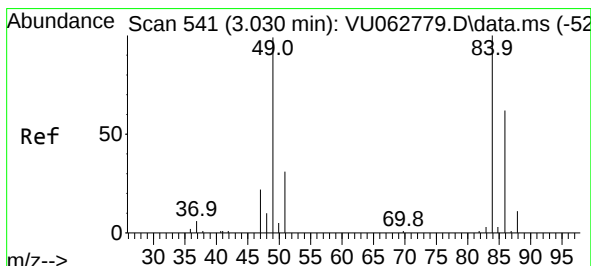
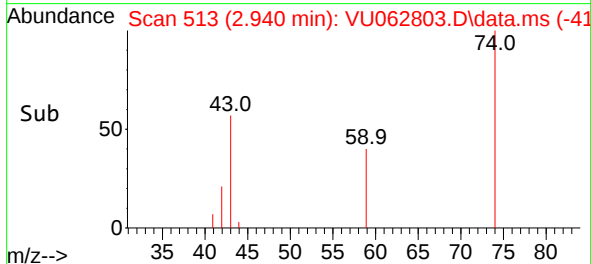
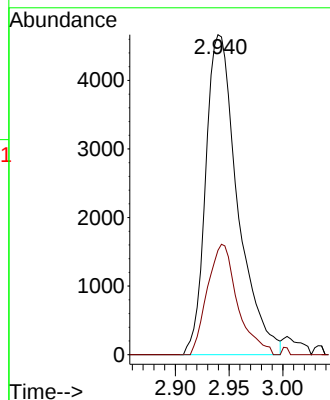
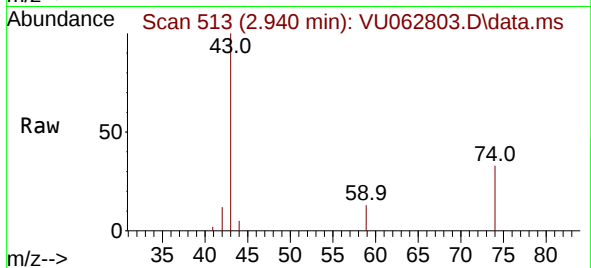




#15
Methyl Acetate
Concen: 5.253 ug/L
RT: 2.940 min Scan# 512
Delta R.T. 0.003 min
Lab File: VU062803.D
Acq: 16 Jan 2025 07:22

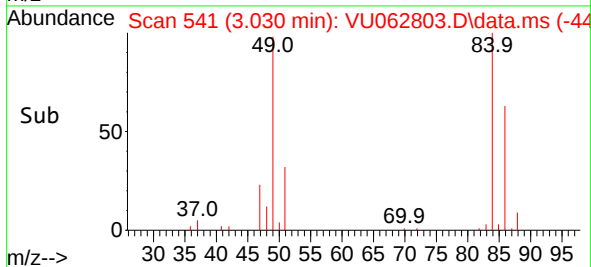
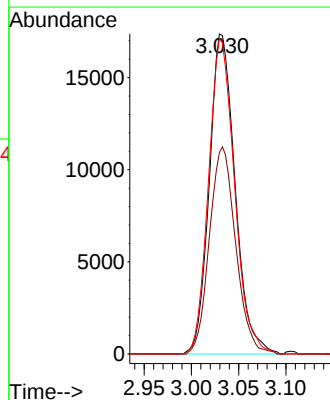
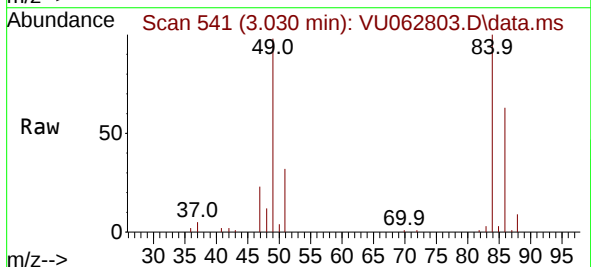
Instrument :
MSVOA_U
ClientSampleId :

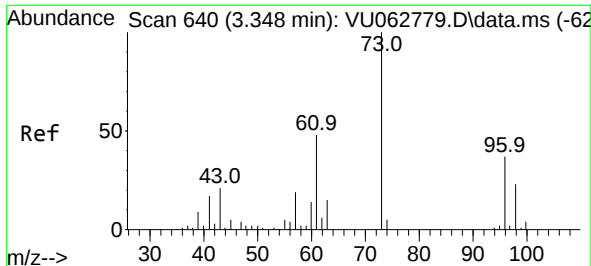
Tgt Ion: 43 Resp: 9636
Ion Ratio Lower Upper
43 100
74 32.6 24.4 36.6



#16
Methylene chloride
Concen: 5.116 ug/L
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU062803.D
Acq: 16 Jan 2025 07:22

Tgt Ion: 84 Resp: 32866
Ion Ratio Lower Upper
84 100
86 63.0 44.7 83.1
49 98.5 68.3 126.9





#17

Methyl tert-butyl Ether

Concen: 5.433 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.000 min

Lab File: VU062803.D

Acq: 16 Jan 2025 07:22

Instrument :

MSVOA_U

ClientSampleId :

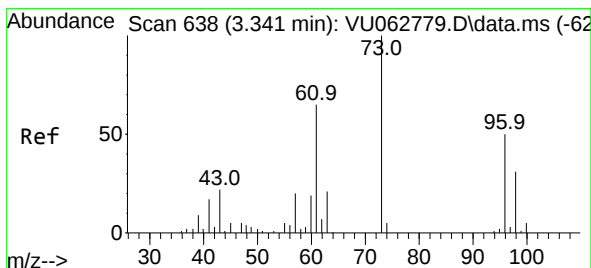
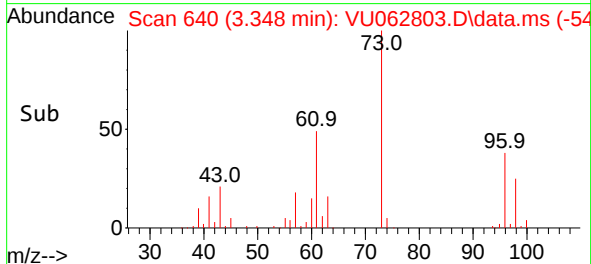
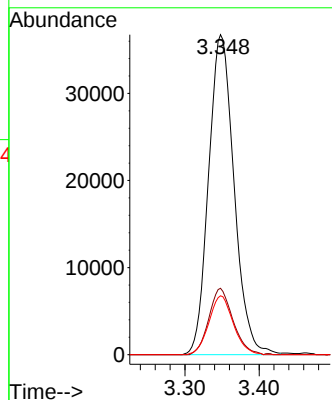
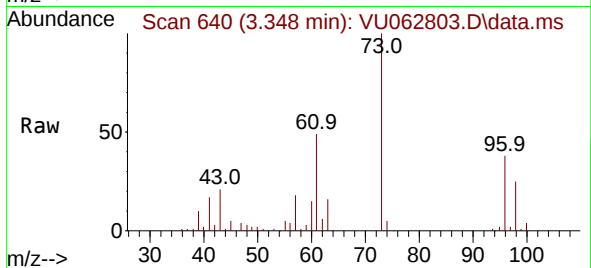
Tgt Ion: 73 Resp: 87572

Ion Ratio Lower Upper

73 100

43 19.6 16.2 24.4

57 17.7 14.6 22.0



#18

trans-1,2-Dichloroethene

Concen: 5.024 ug/L

RT: 3.341 min Scan# 638

Delta R.T. 0.000 min

Lab File: VU062803.D

Acq: 16 Jan 2025 07:22

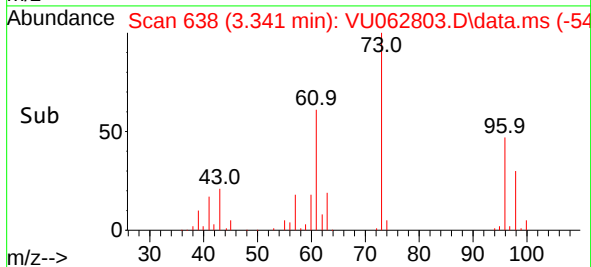
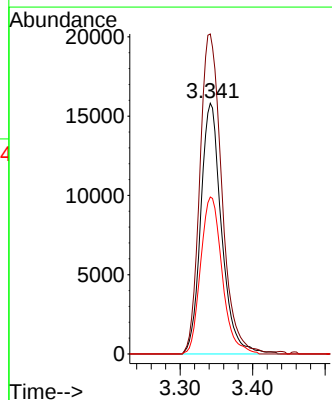
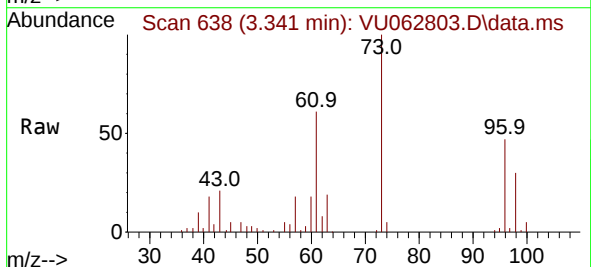
Tgt Ion: 96 Resp: 31567

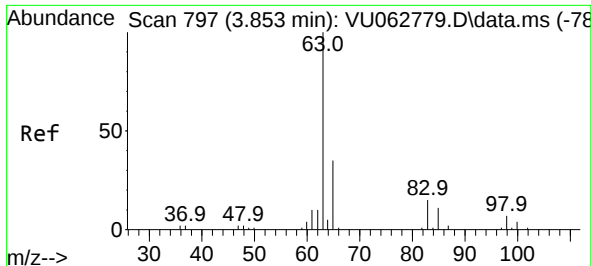
Ion Ratio Lower Upper

96 100

61 127.7 94.4 175.2

98 62.6 42.8 79.4

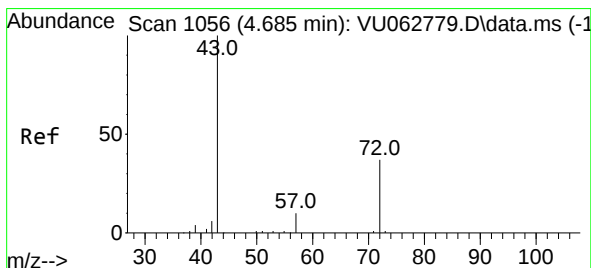
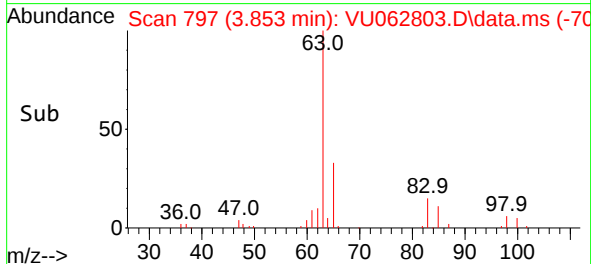
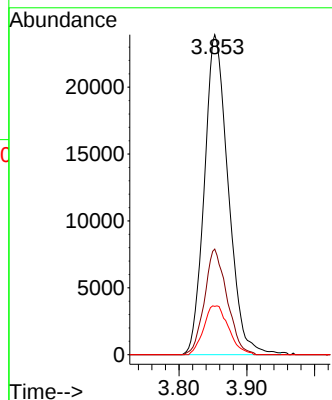
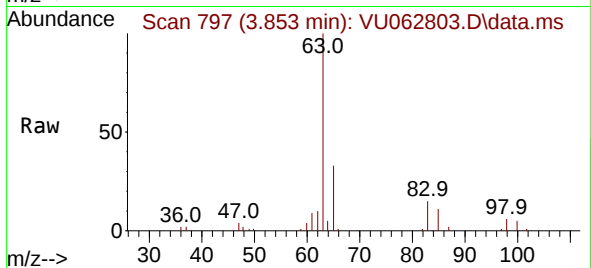




#19
1,1-Dichloroethane
Concen: 5.200 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU062803.D
Acq: 16 Jan 2025 07:22

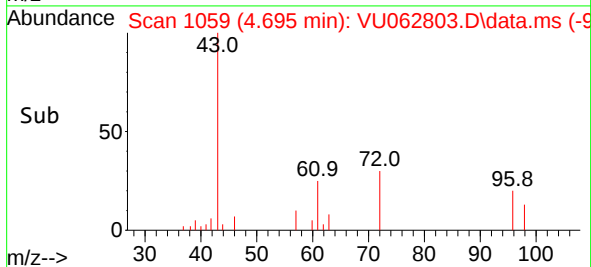
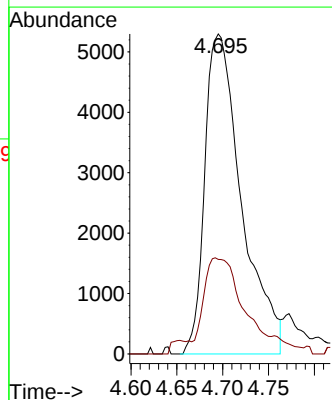
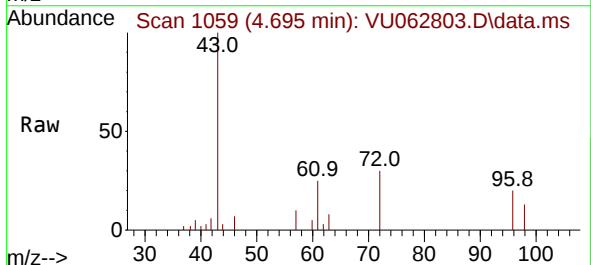
Instrument :
MSVOA_U
ClientSampleId :

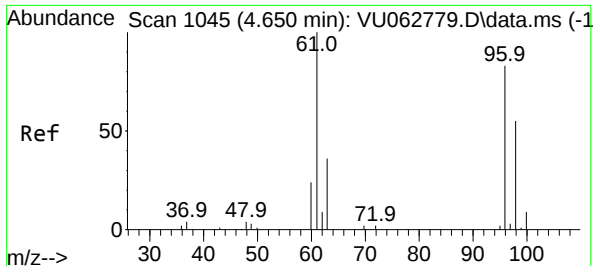
Tgt Ion: 63 Resp: 58413
Ion Ratio Lower Upper
63 100
65 33.0 20.7 38.5
83 15.1 10.5 19.5



#21
2-Butanone
Concen: 13.081 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. 0.010 min
Lab File: VU062803.D
Acq: 16 Jan 2025 07:22

Tgt Ion: 43 Resp: 14758
Ion Ratio Lower Upper
43 100
72 31.4 17.1 51.2

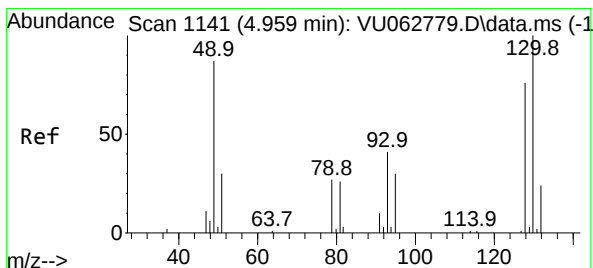
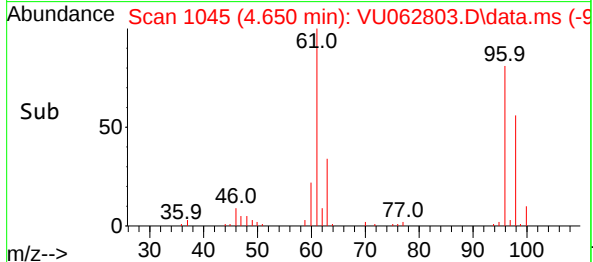
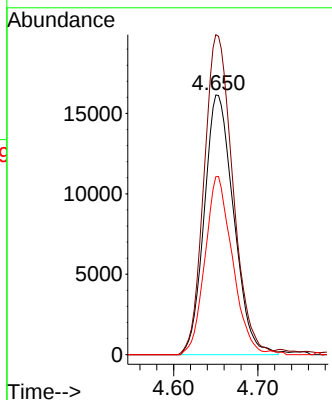
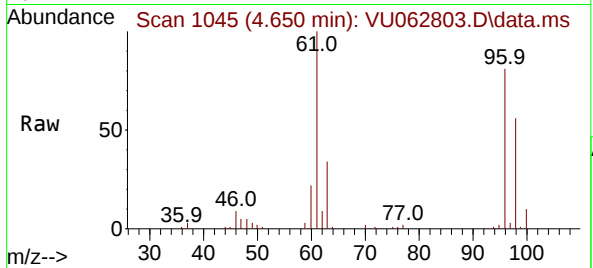




#22
 cis-1,2-Dichloroethene
 Concen: 5.725 ug/L
 RT: 4.650 min Scan# 1045
 Delta R.T. 0.000 min
 Lab File: VU062803.D
 Acq: 16 Jan 2025 07:22

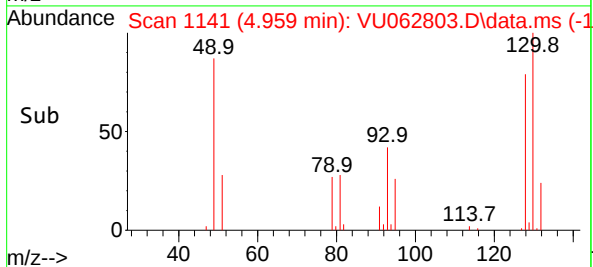
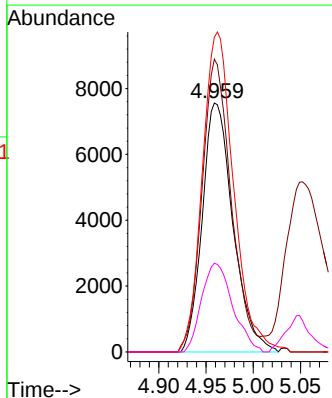
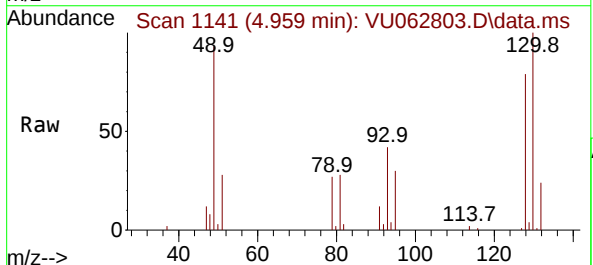
Instrument :
 MSVOA_U
 ClientSampleId :

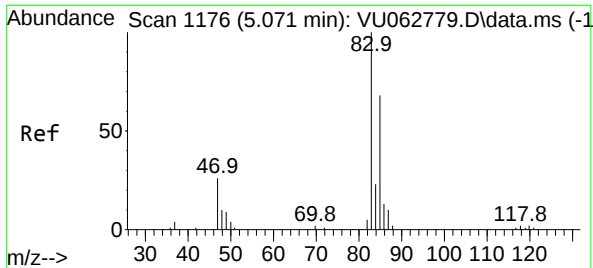
Tgt Ion: 96 Resp: 39171
 Ion Ratio Lower Upper
 96 100
 61 123.2 84.8 157.6
 98 68.5 43.1 80.1



#23
 Bromochloromethane
 Concen: 5.301 ug/L
 RT: 4.959 min Scan# 1141
 Delta R.T. 0.000 min
 Lab File: VU062803.D
 Acq: 16 Jan 2025 07:22

Tgt Ion: 128 Resp: 17123
 Ion Ratio Lower Upper
 128 100
 49 117.6 81.1 150.7
 130 126.5 94.9 176.3
 51 35.7 30.6 46.0





#25

Chloroform

Concen: 5.138 ug/L

RT: 5.075 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU062803.D

Acq: 16 Jan 2025 07:22

Instrument :

MSVOA_U

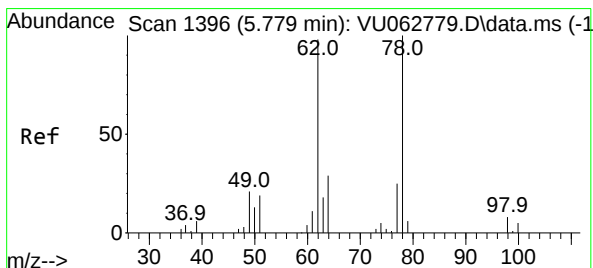
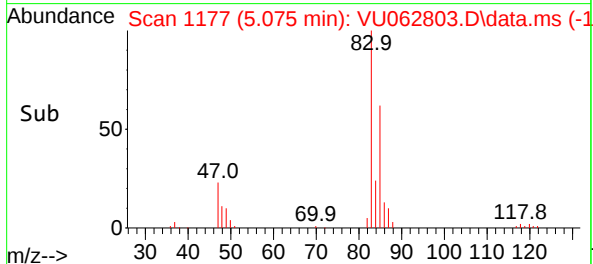
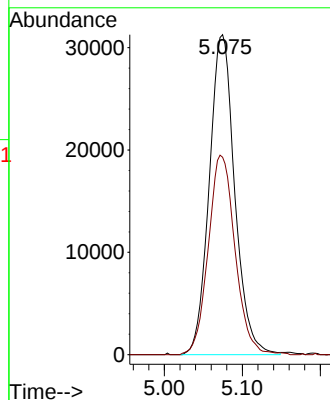
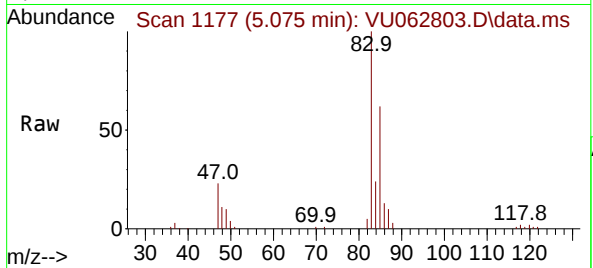
ClientSampleId :

Tgt Ion: 83 Resp: 71037

Ion Ratio Lower Upper

83 100

85 61.7 45.8 85.2



#27

1,2-Dichloroethane

Concen: 5.298 ug/L

RT: 5.779 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VU062803.D

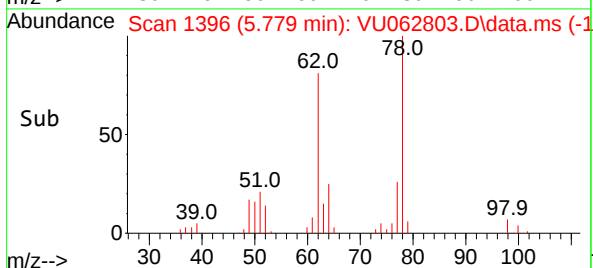
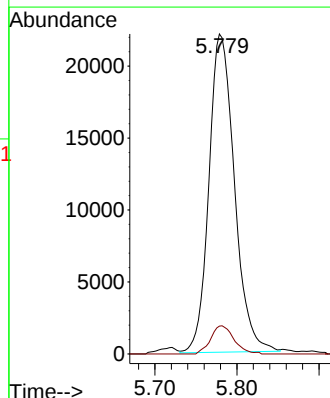
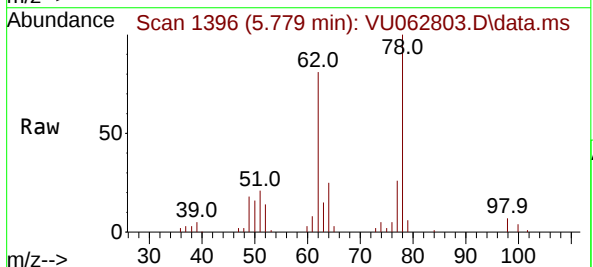
Acq: 16 Jan 2025 07:22

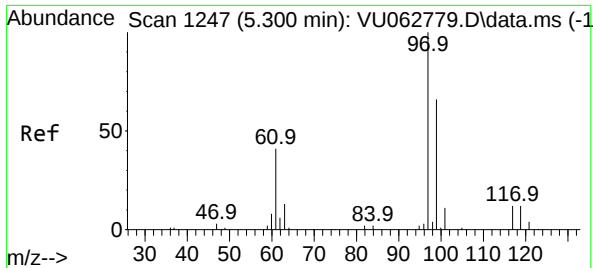
Tgt Ion: 62 Resp: 47896

Ion Ratio Lower Upper

62 100

98 8.7 5.8 8.6#





#29

1,1,1-Trichloroethane

Concen: 5.228 ug/L

RT: 5.303 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU062803.D

Acq: 16 Jan 2025 07:22

Instrument :

MSVOA_U

ClientSampleId :

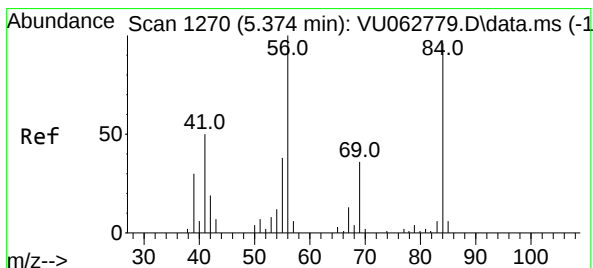
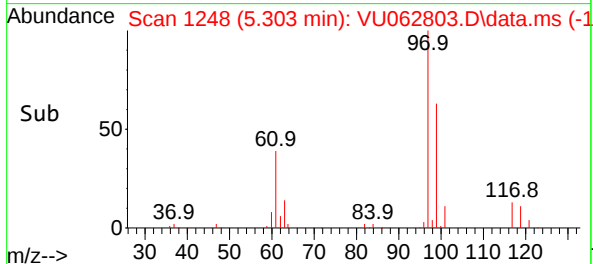
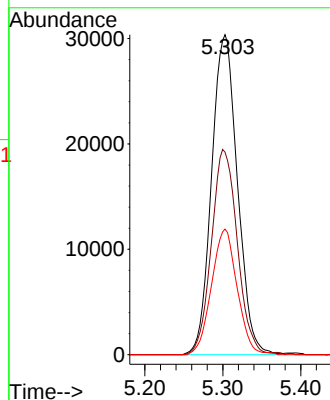
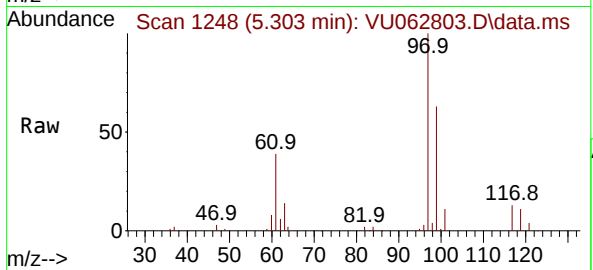
Tgt Ion: 97 Resp: 70113

Ion Ratio Lower Upper

97 100

99 64.1 52.4 78.6

61 38.9 32.2 48.4



#30

Cyclohexane

Concen: 4.782 ug/L

RT: 5.374 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VU062803.D

Acq: 16 Jan 2025 07:22

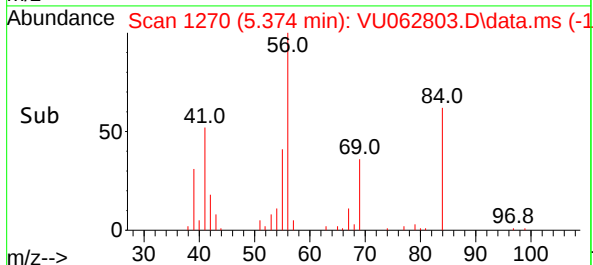
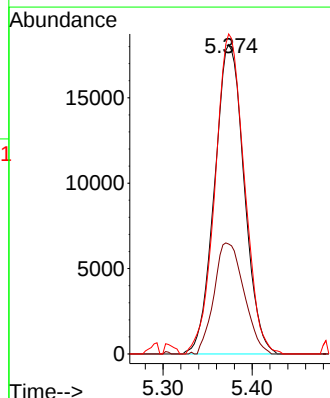
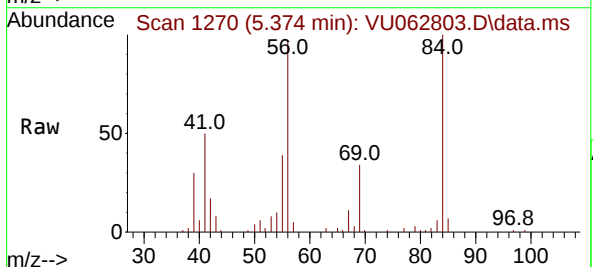
Tgt Ion: 56 Resp: 41883

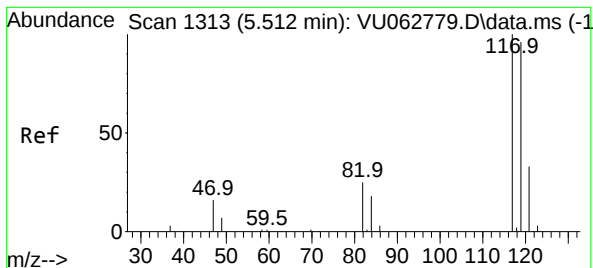
Ion Ratio Lower Upper

56 100

69 36.1 28.3 42.5

84 101.9 76.5 114.7





#31

Carbon tetrachloride

Concen: 5.255 ug/L

RT: 5.512 min Scan# 117

Delta R.T. 0.000 min

Lab File: VU062803.D

Acq: 16 Jan 2025 07:22

Instrument :

MSVOA_U

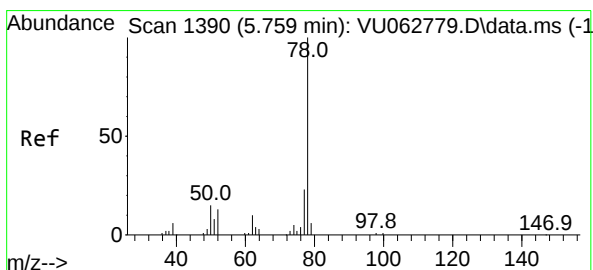
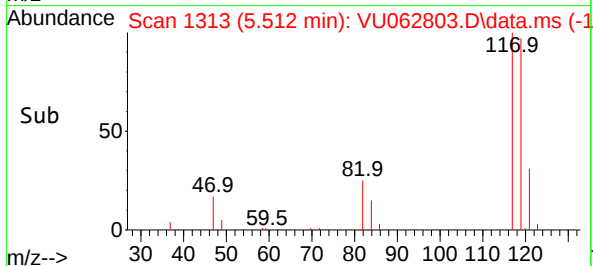
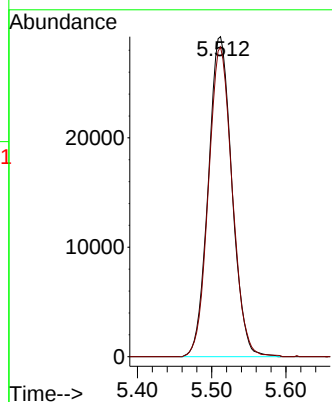
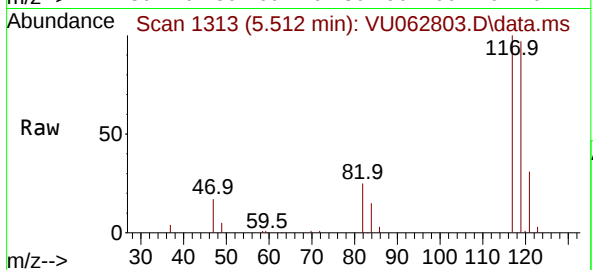
ClientSampleId :

Tgt Ion:117 Resp: 64778

Ion Ratio Lower Upper

117 100

119 97.1 78.6 118.0



#33

Benzene

Concen: 5.140 ug/L

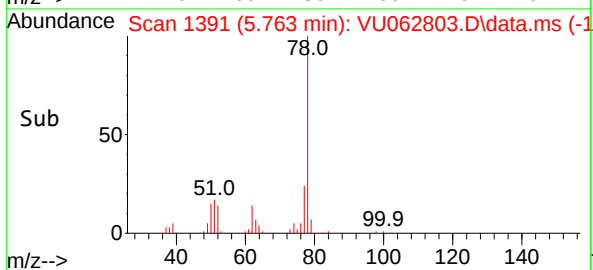
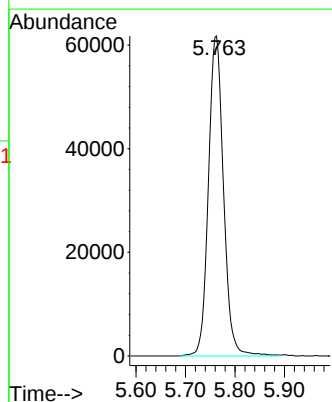
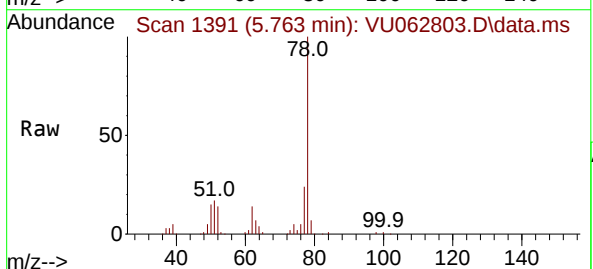
RT: 5.763 min Scan# 1391

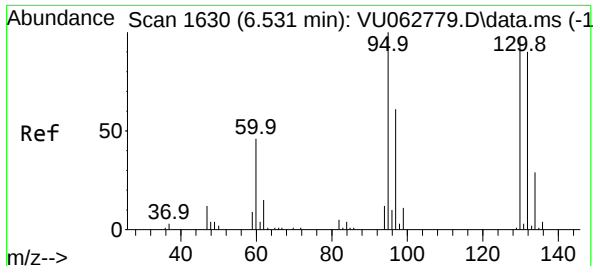
Delta R.T. 0.003 min

Lab File: VU062803.D

Acq: 16 Jan 2025 07:22

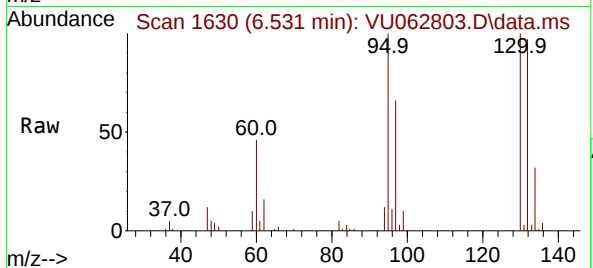
Tgt Ion: 78 Resp: 130574





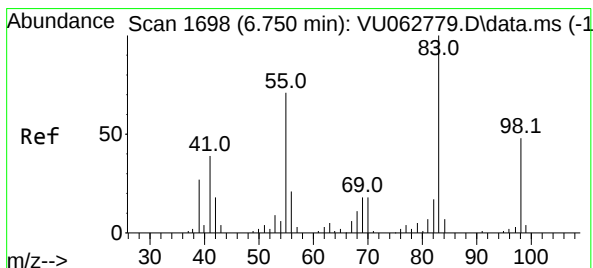
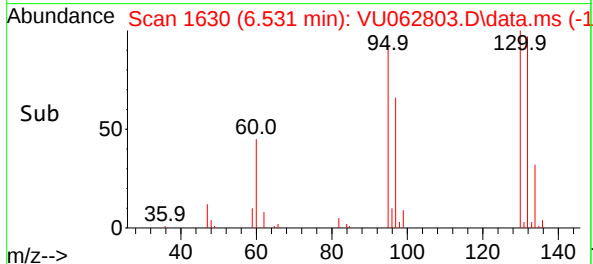
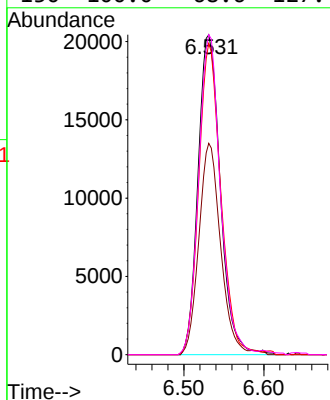
#34
Trichloroethene
Concen: 4.559 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VU062803.D
Acq: 16 Jan 2025 07:22

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 39566

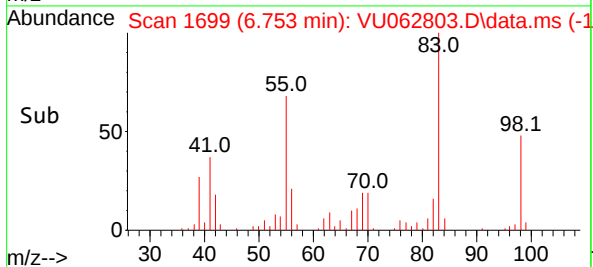
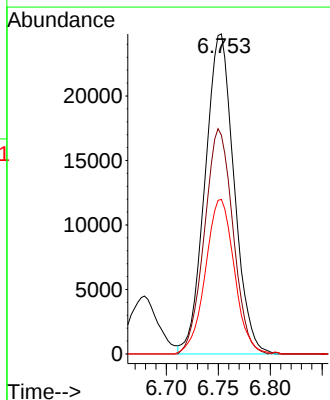
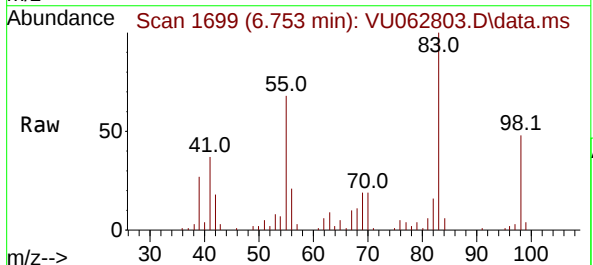
Ion	Ratio	Lower	Upper
95	100		
97	66.1	47.5	88.3
132	97.3	66.9	124.3
130	100.0	68.6	127.4

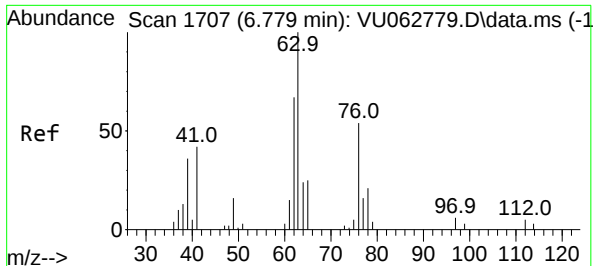


#35
Methylcyclohexane
Concen: 4.509 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.003 min
Lab File: VU062803.D
Acq: 16 Jan 2025 07:22

Tgt Ion: 83 Resp: 48148

Ion	Ratio	Lower	Upper
83	100		
55	69.2	57.2	85.8
98	48.2	36.6	55.0

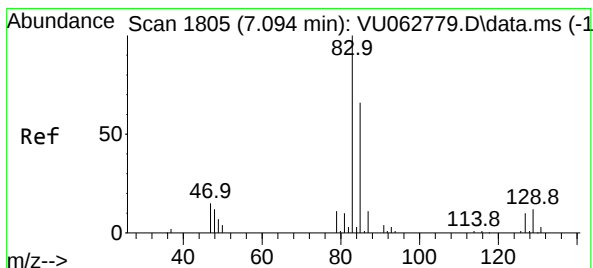
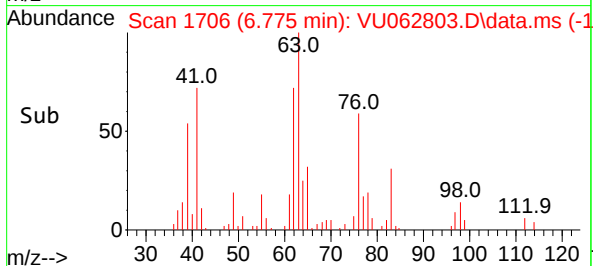
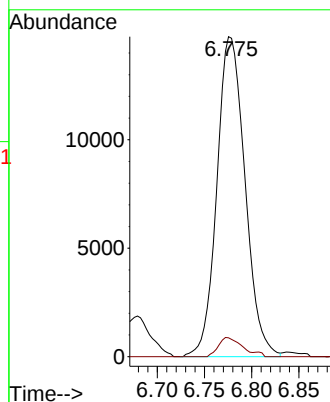
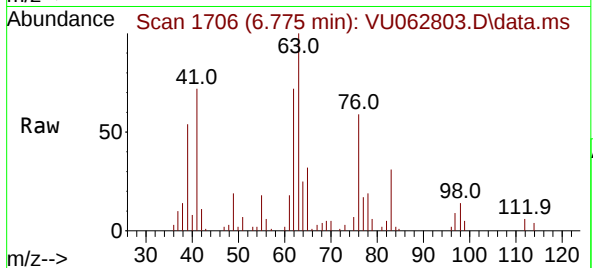




#37
1,2-Dichloropropane
Concen: 5.096 ug/L
RT: 6.775 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU062803.D
Acq: 16 Jan 2025 07:22

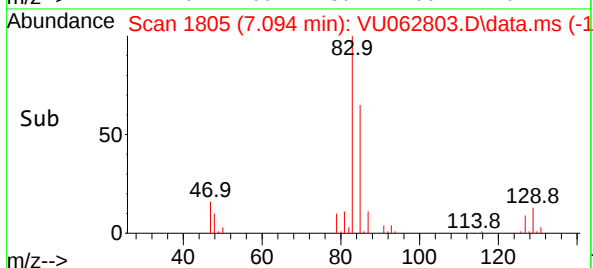
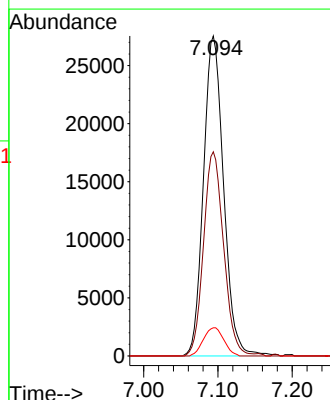
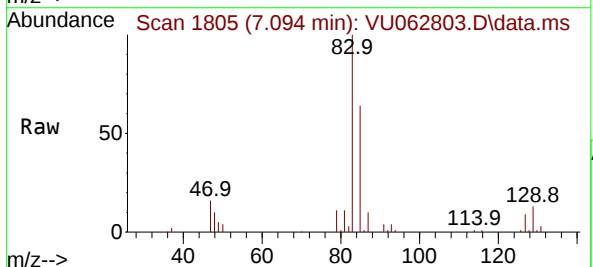
Instrument :
MSVOA_U
ClientSampleId :

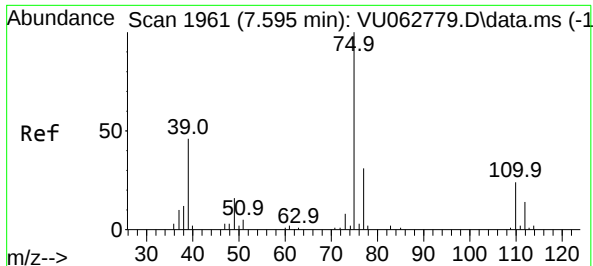
Tgt Ion: 63 Resp: 30540
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.8



#38
Bromodichloromethane
Concen: 5.392 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VU062803.D
Acq: 16 Jan 2025 07:22

Tgt Ion: 83 Resp: 51967
Ion Ratio Lower Upper
83 100
85 63.8 44.2 82.0
127 8.8 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 4.333 ug/L

RT: 7.595 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VU062803.D

Acq: 16 Jan 2025 07:22

Instrument :

MSVOA_U

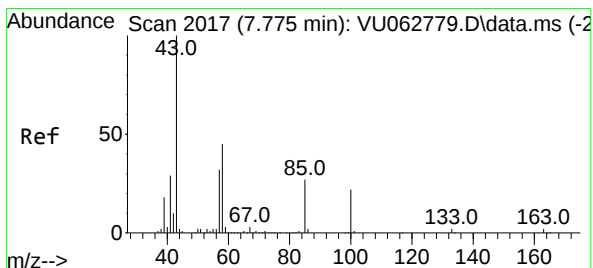
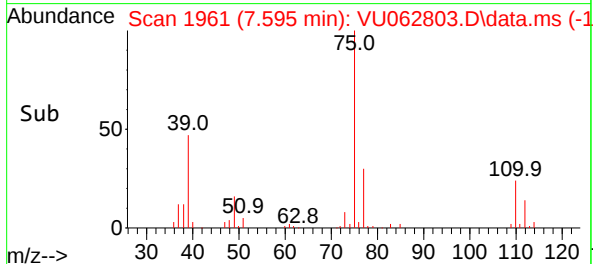
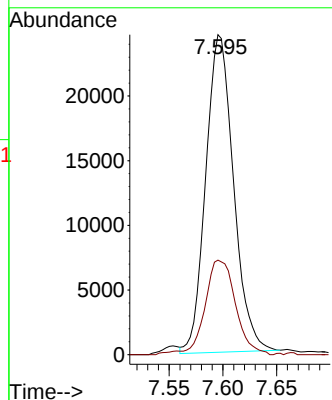
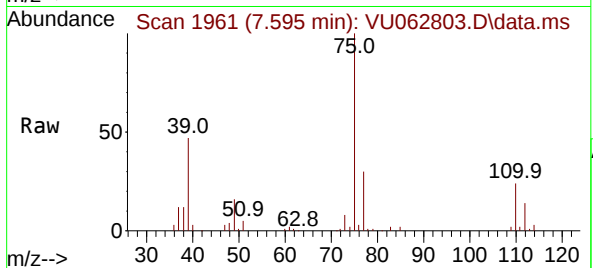
ClientSampleId :

Tgt Ion: 75 Resp: 44210

Ion Ratio Lower Upper

75 100

77 29.5 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 52.451 ug/L

RT: 7.775 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VU062803.D

Acq: 16 Jan 2025 07:22

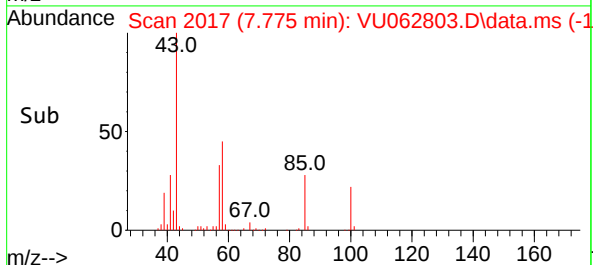
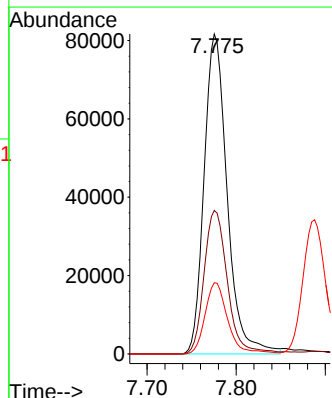
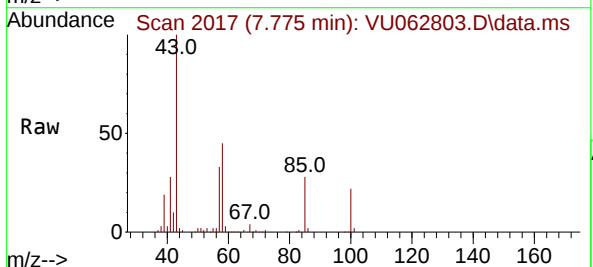
Tgt Ion: 43 Resp: 146833

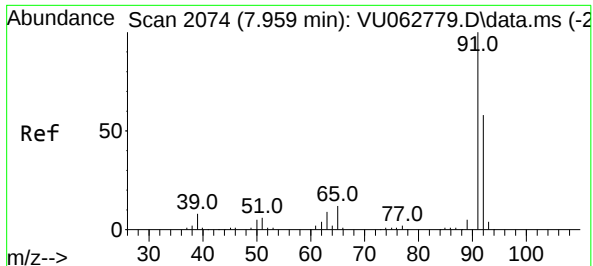
Ion Ratio Lower Upper

43 100

58 45.3 35.8 53.8

100 21.9 16.8 25.2

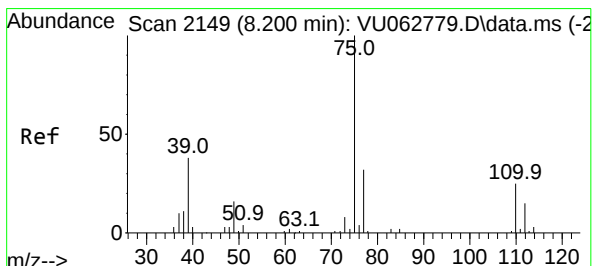
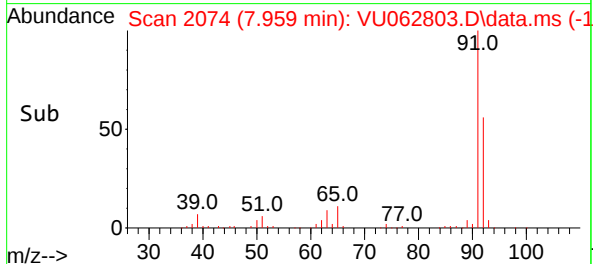
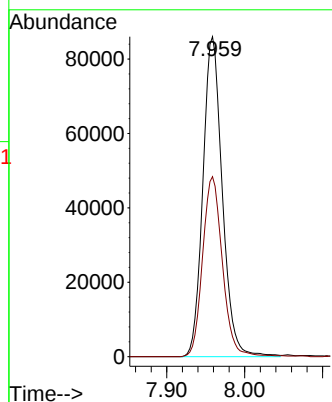
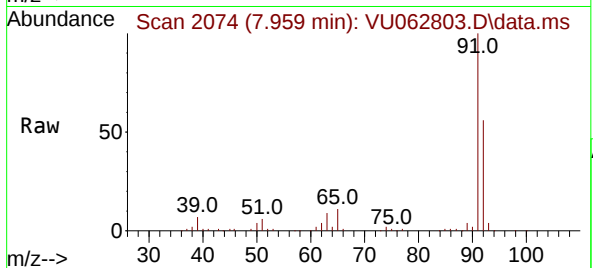




#42
Toluene
Concen: 5.347 ug/L
RT: 7.959 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VU062803.D
Acq: 16 Jan 2025 07:22

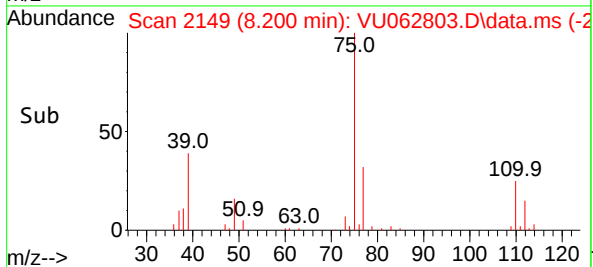
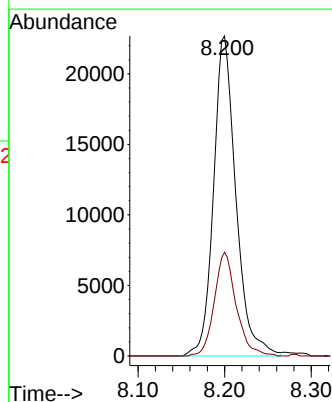
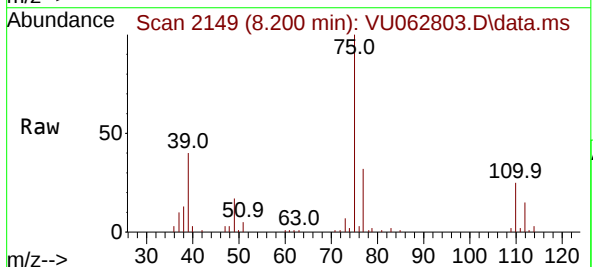
Instrument :
MSVOA_U
ClientSampleId :

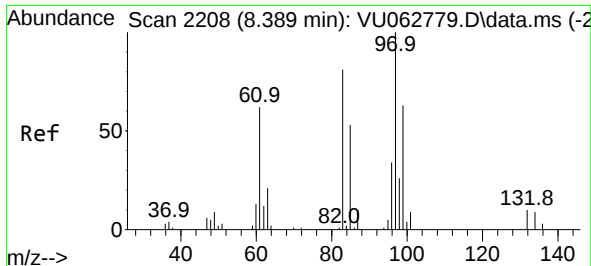
Tgt Ion: 91 Resp: 148835
Ion Ratio Lower Upper
91 100
92 56.2 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 4.631 ug/L
RT: 8.200 min Scan# 2149
Delta R.T. 0.000 min
Lab File: VU062803.D
Acq: 16 Jan 2025 07:22

Tgt Ion: 75 Resp: 40738
Ion Ratio Lower Upper
75 100
77 32.4 21.8 40.6

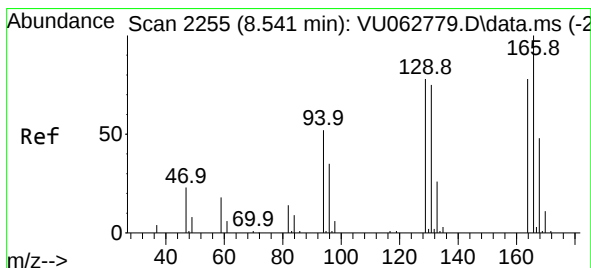
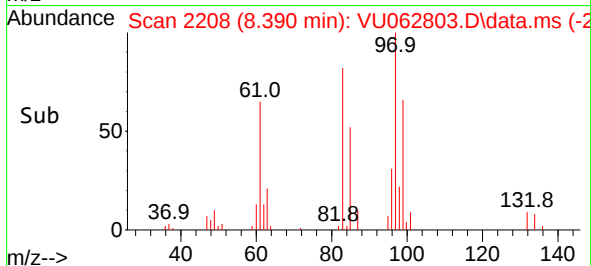
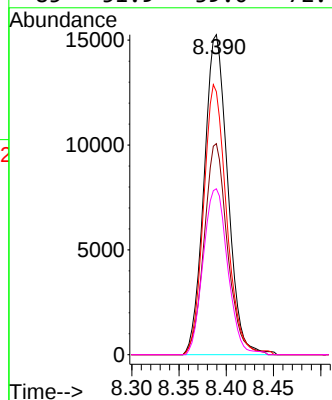
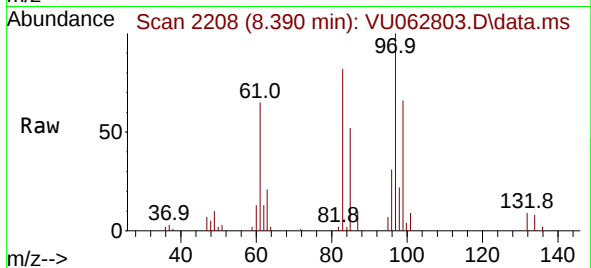




#45
1,1,2-Trichloroethane
Concen: 5.457 ug/L
RT: 8.390 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062803.D
Acq: 16 Jan 2025 07:22

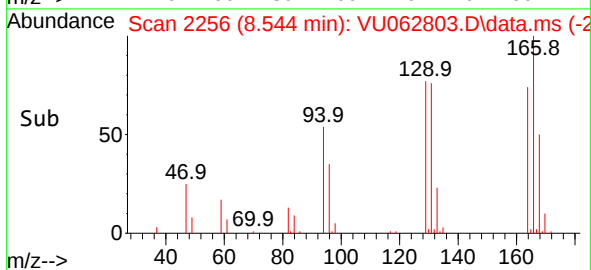
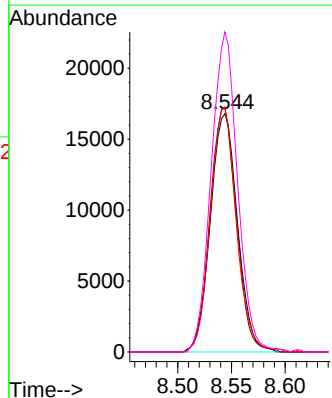
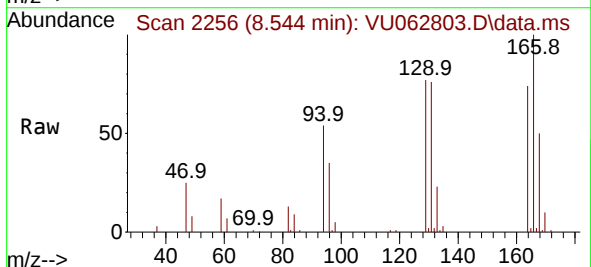
Instrument :
MSVOA_U
ClientSampleId :

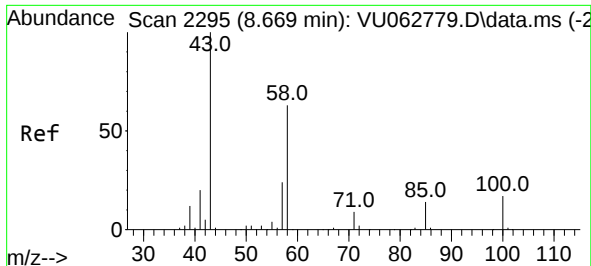
Tgt Ion:	97	Resp:	26560
Ion	Ratio	Lower	Upper
97	100		
99	65.9	45.6	84.6
83	82.2	63.0	117.0
85	51.9	39.0	72.4



#47
Tetrachloroethene
Concen: 4.924 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.003 min
Lab File: VU062803.D
Acq: 16 Jan 2025 07:22

Tgt Ion:	164	Resp:	29432
Ion	Ratio	Lower	Upper
164	100		
129	102.8	71.0	131.9
131	102.7	69.4	129.0
166	134.3	92.7	172.3

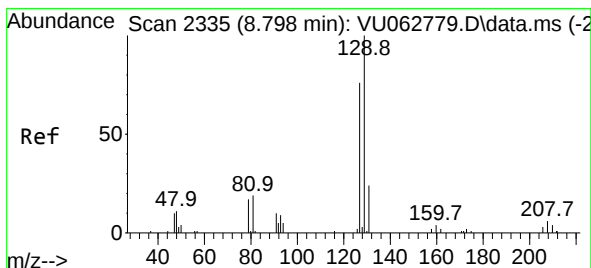
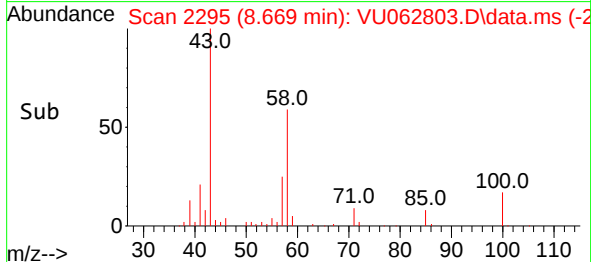
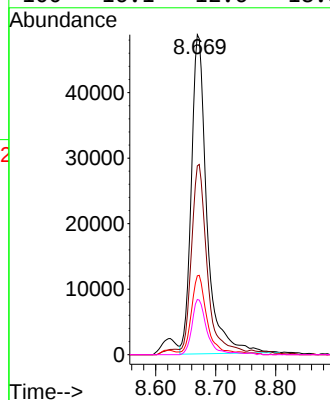
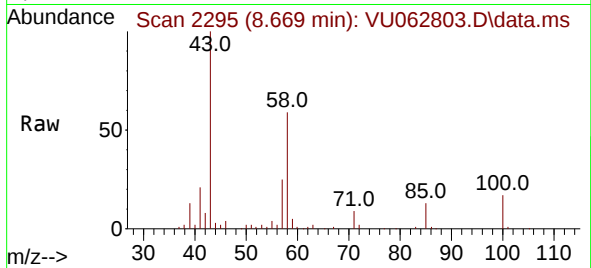




#48
2-Hexanone
Concen: 43.852 ug/L
RT: 8.669 min Scan# 2295
Delta R.T. 0.000 min
Lab File: VU062803.D
Acq: 16 Jan 2025 07:22

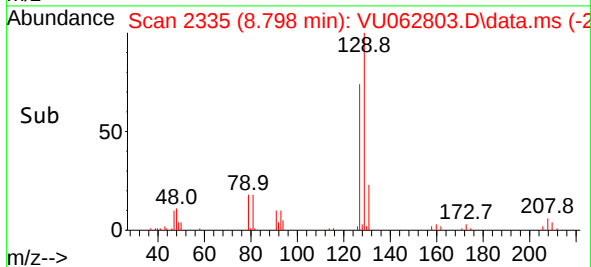
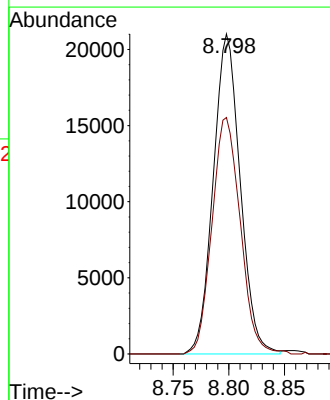
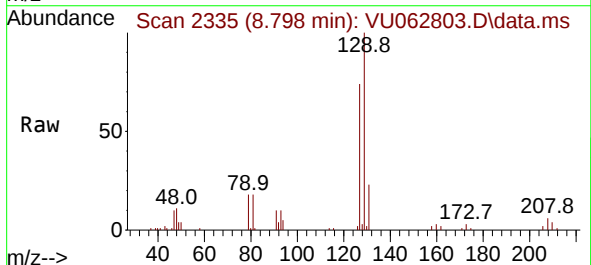
Instrument :
MSVOA_U
ClientSampleId :

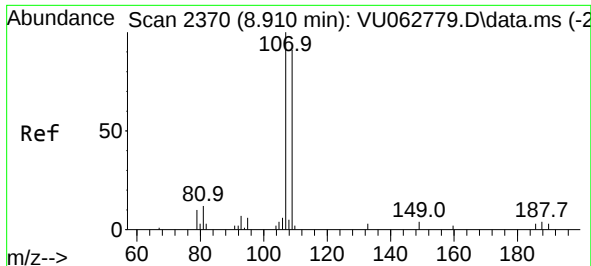
Tgt Ion:	43	Resp:	88256
Ion	Ratio	Lower	Upper
43	100		
58	57.8	50.2	75.4
57	23.0	19.9	29.9
100	16.1	12.6	18.8



#49
Dibromochloromethane
Concen: 5.415 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VU062803.D
Acq: 16 Jan 2025 07:22

Tgt Ion:	129	Resp:	35389
Ion	Ratio	Lower	Upper
129	100		
127	73.9	52.1	96.9





#50

1,2-Dibromoethane

Concen: 5.727 ug/L

RT: 8.910 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU062803.D

Acq: 16 Jan 2025 07:22

Instrument :

MSVOA_U

ClientSampleId :

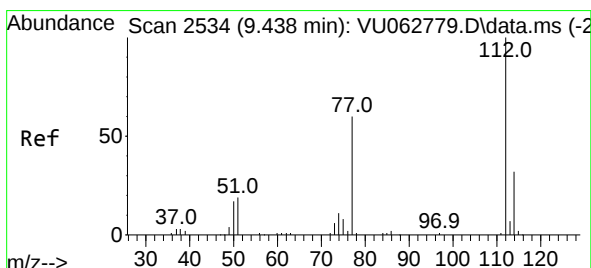
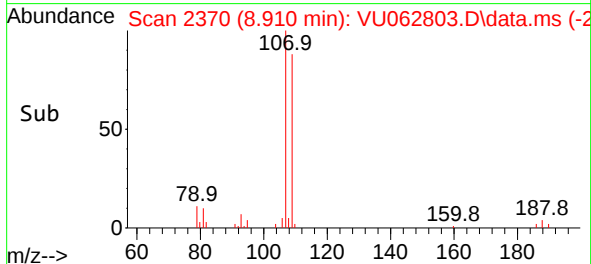
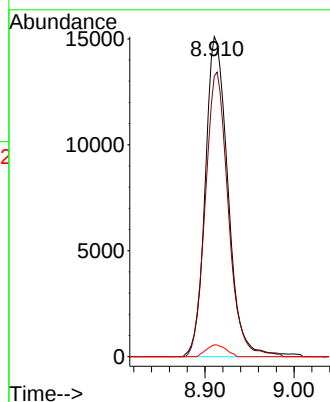
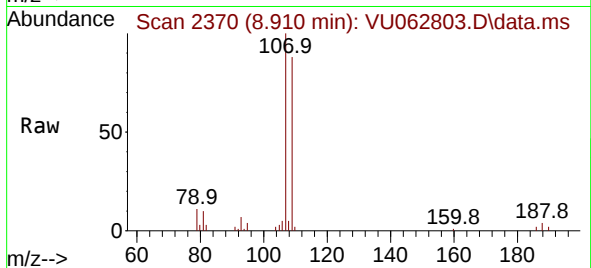
Tgt Ion:107 Resp: 26668

Ion Ratio Lower Upper

107 100

109 87.7 65.7 121.9

188 3.7 3.4 5.2



#51

Chlorobenzene

Concen: 5.327 ug/L

RT: 9.434 min Scan# 2533

Delta R.T. -0.003 min

Lab File: VU062803.D

Acq: 16 Jan 2025 07:22

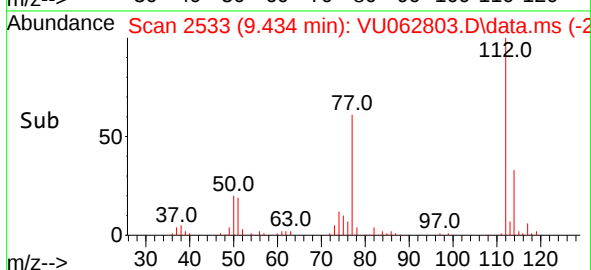
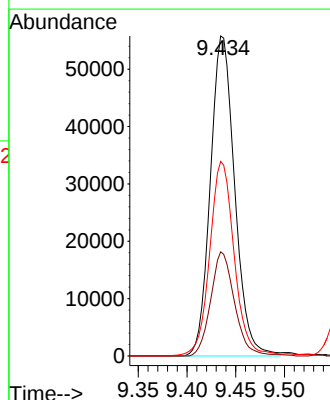
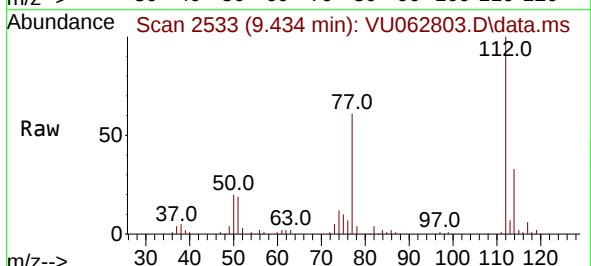
Tgt Ion:112 Resp: 96971

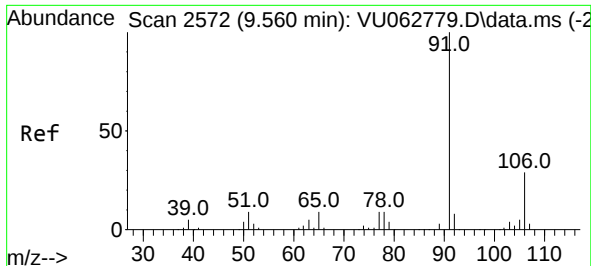
Ion Ratio Lower Upper

112 100

114 32.6 21.7 40.3

77 60.8 48.6 73.0

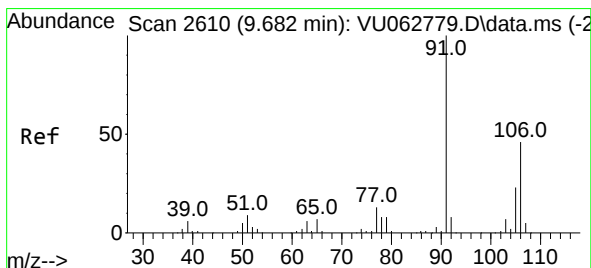
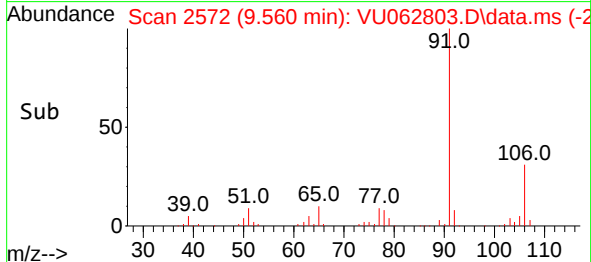
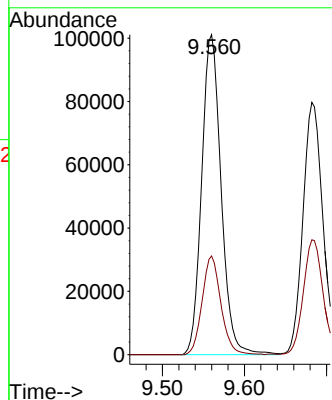
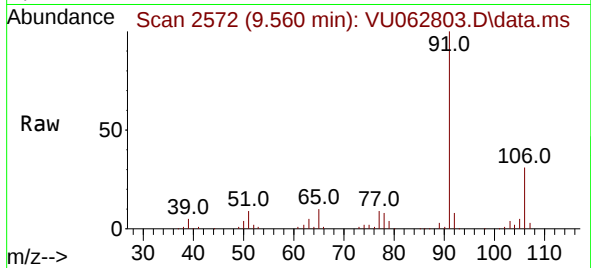




#52
Ethylbenzene
Concen: 5.270 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. 0.000 min
Lab File: VU062803.D
Acq: 16 Jan 2025 07:22

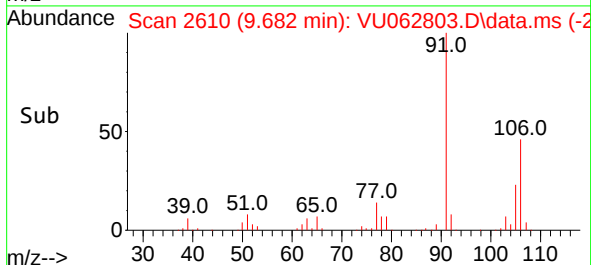
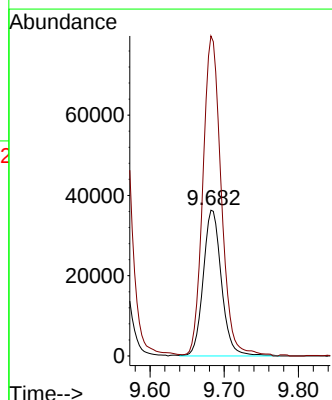
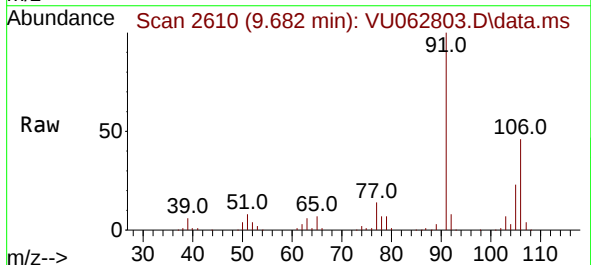
Instrument :
MSVOA_U
ClientSampleId :

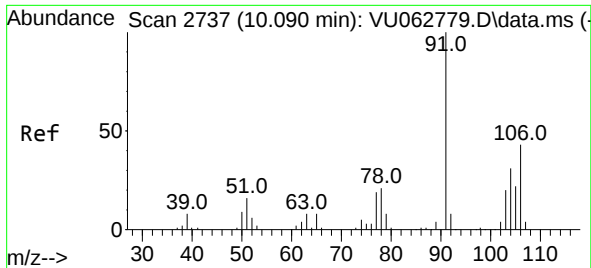
Tgt Ion: 91 Resp: 166475
Ion Ratio Lower Upper
91 100
106 30.8 21.9 40.7



#53
m,p-Xylene
Concen: 5.247 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. 0.000 min
Lab File: VU062803.D
Acq: 16 Jan 2025 07:22

Tgt Ion: 106 Resp: 61987
Ion Ratio Lower Upper
106 100
91 219.5 153.1 284.3

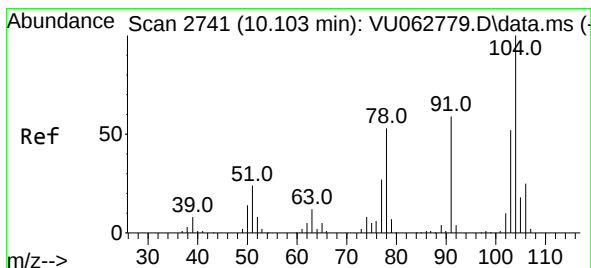
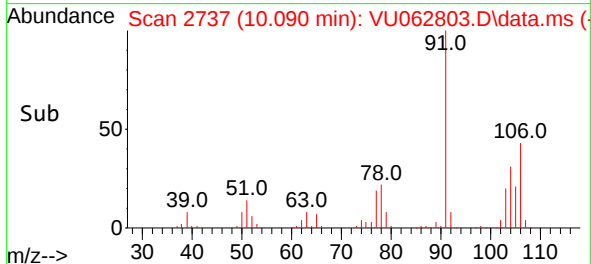
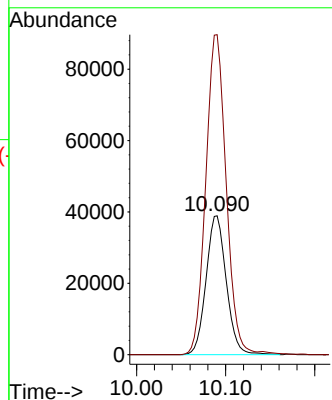
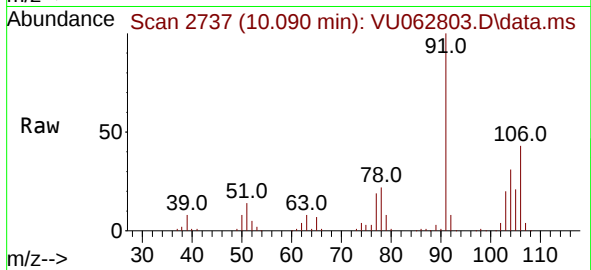




#54
o-Xylene
Concen: 5.418 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU062803.D
Acq: 16 Jan 2025 07:22

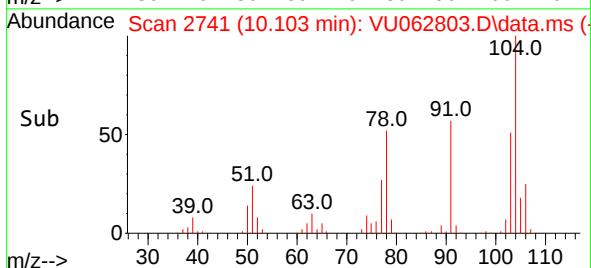
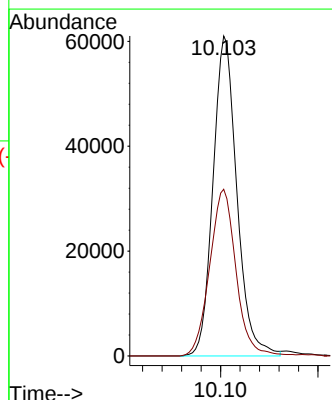
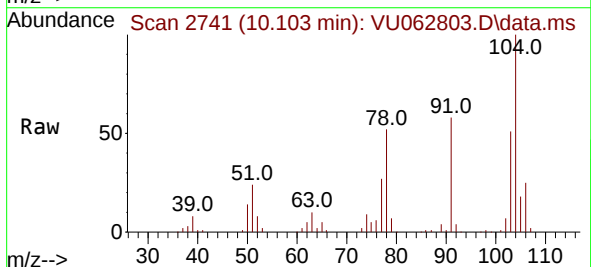
Instrument :
MSVOA_U
ClientSampleId :

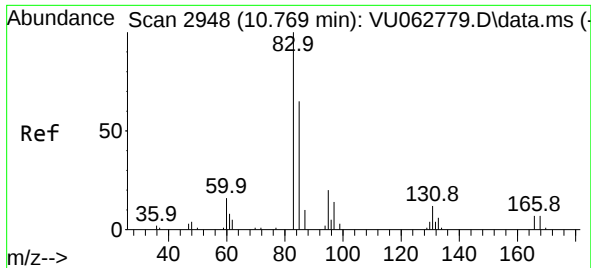
Tgt Ion:106 Resp: 61311
Ion Ratio Lower Upper
106 100
91 230.3 160.4 297.8



#55
Styrene
Concen: 5.489 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. 0.000 min
Lab File: VU062803.D
Acq: 16 Jan 2025 07:22

Tgt Ion:104 Resp: 103896
Ion Ratio Lower Upper
104 100
78 52.1 35.5 65.9

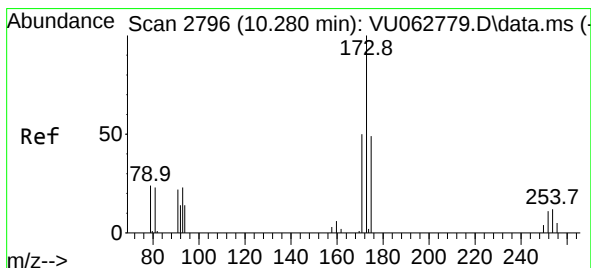
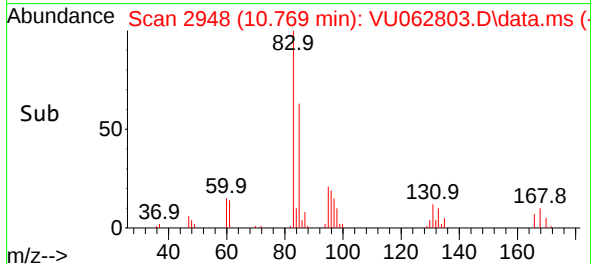
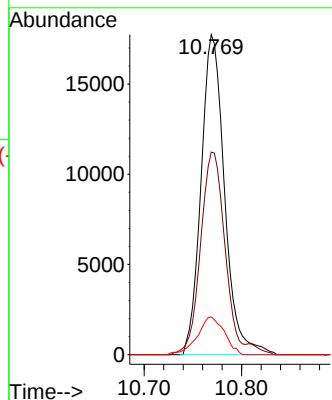
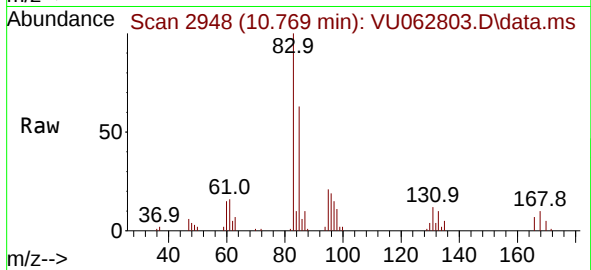




#57
1,1,2,2-Tetrachloroethane
Concen: 5.446 ug/L
RT: 10.769 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU062803.D
Acq: 16 Jan 2025 07:22

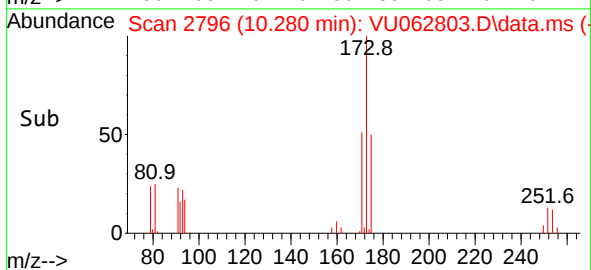
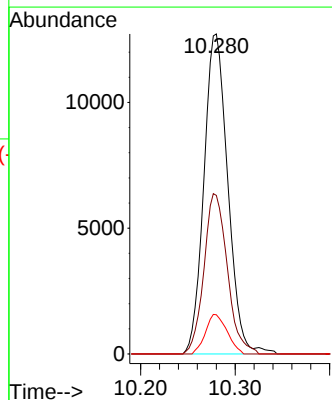
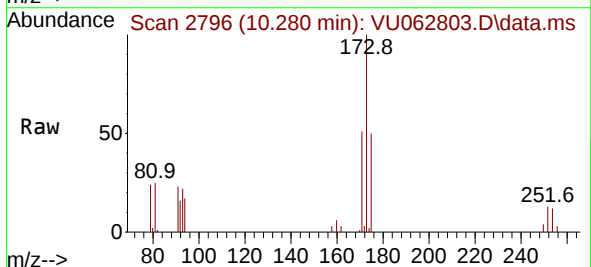
Instrument :
MSVOA_U
ClientSampleId :

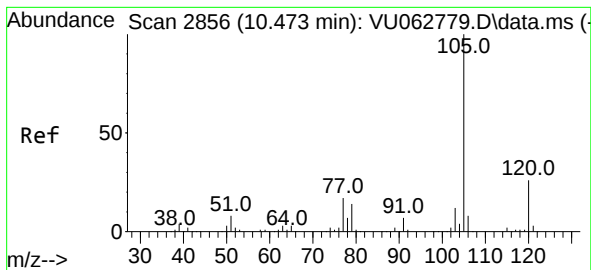
Tgt Ion: 83 Resp: 29736
Ion Ratio Lower Upper
83 100
85 63.3 43.0 79.8
131 11.8 7.4 11.0#



#59
Bromoform
Concen: 5.388 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. 0.000 min
Lab File: VU062803.D
Acq: 16 Jan 2025 07:22

Tgt Ion:173 Resp: 22349
Ion Ratio Lower Upper
173 100
175 48.9 39.8 59.8
254 11.1 8.6 12.8





#60

Isopropylbenzene

Concen: 5.179 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. 0.000 min

Lab File: VU062803.D

Acq: 16 Jan 2025 07:22

Instrument :

MSVOA_U

ClientSampleId :

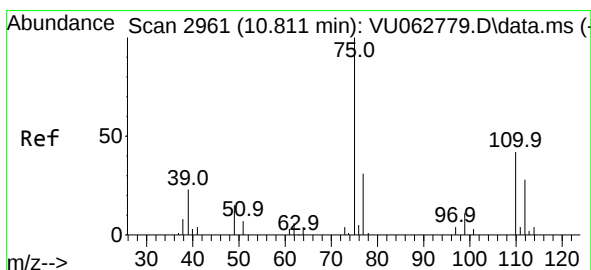
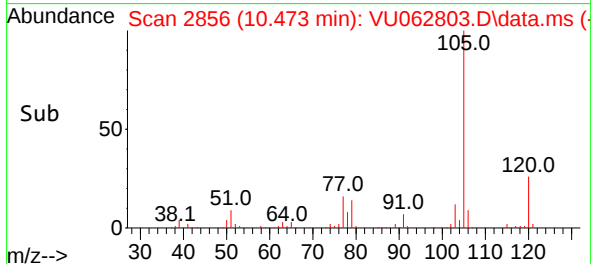
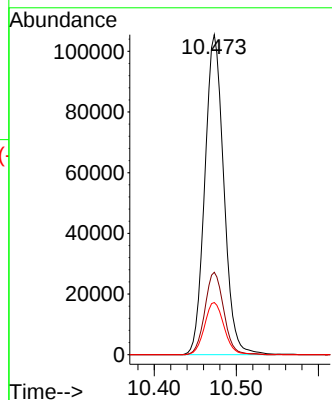
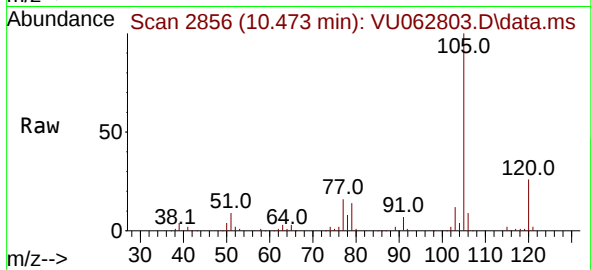
Tgt Ion:105 Resp: 169705

Ion Ratio Lower Upper

105 100

120 25.6 20.2 30.2

77 16.9 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 5.383 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. 0.000 min

Lab File: VU062803.D

Acq: 16 Jan 2025 07:22

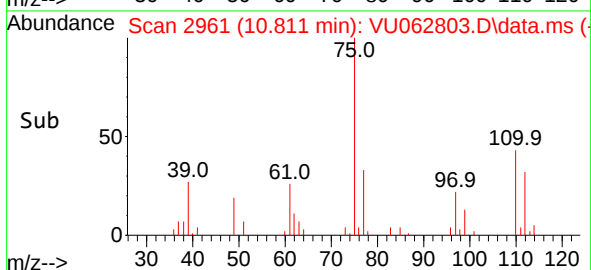
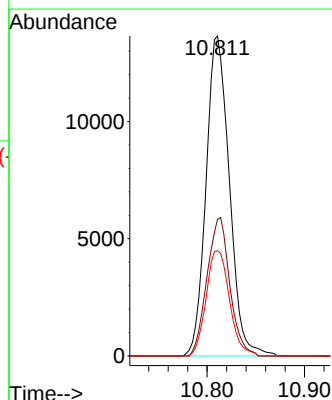
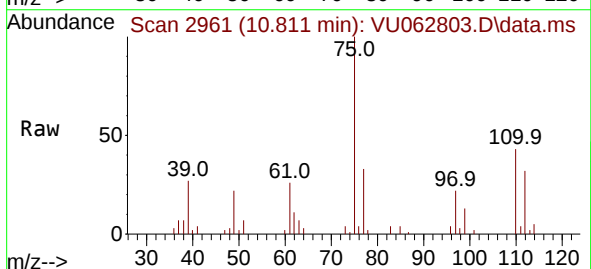
Tgt Ion: 75 Resp: 22704

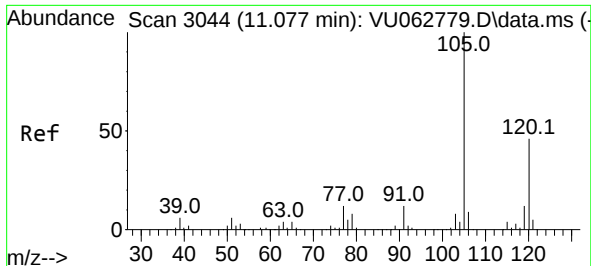
Ion Ratio Lower Upper

75 100

110 42.3 33.2 49.8

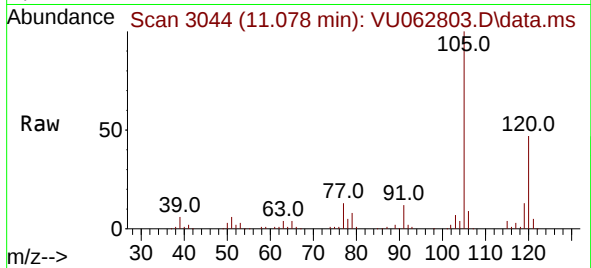
77 33.0 25.9 38.9



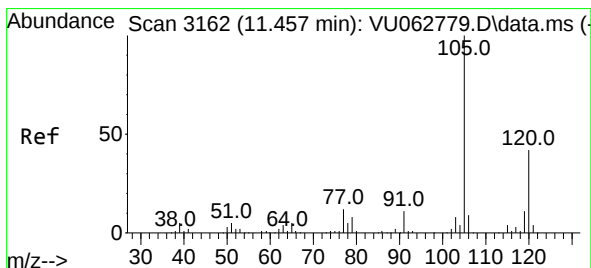
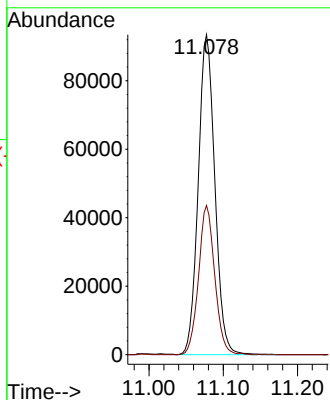
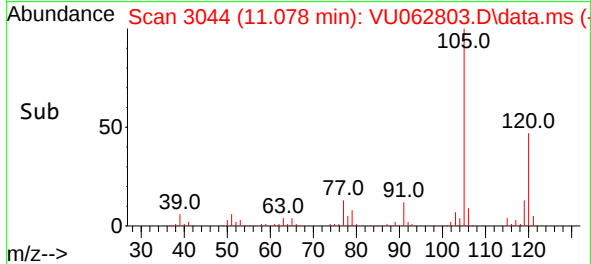


#62
1,3,5-Trimethylbenzene
Concen: 5.223 ug/L
RT: 11.078 min Scan# 3044
Delta R.T. 0.000 min
Lab File: VU062803.D
Acq: 16 Jan 2025 07:22

Instrument :
MSVOA_U
ClientSampleId :

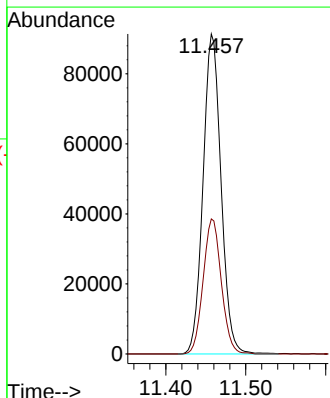
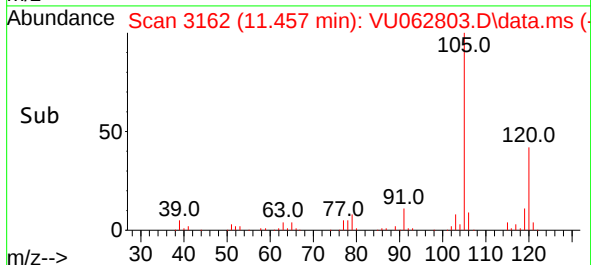
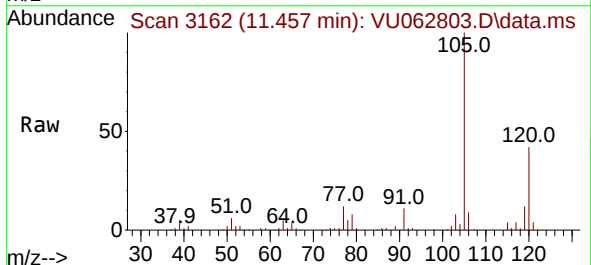


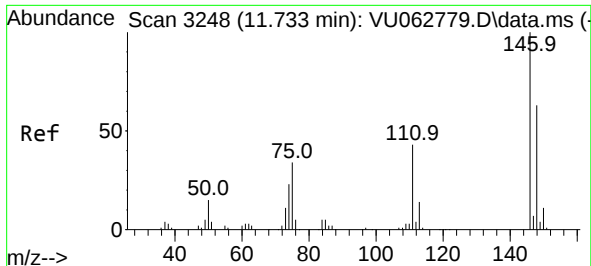
Tgt Ion:105 Resp: 145473
Ion Ratio Lower Upper
105 100
120 45.3 35.9 53.9



#63
1,2,4-Trimethylbenzene
Concen: 5.317 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VU062803.D
Acq: 16 Jan 2025 07:22

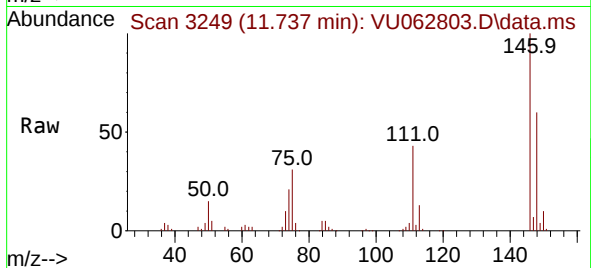
Tgt Ion:105 Resp: 143257
Ion Ratio Lower Upper
105 100
120 42.5 34.2 51.2



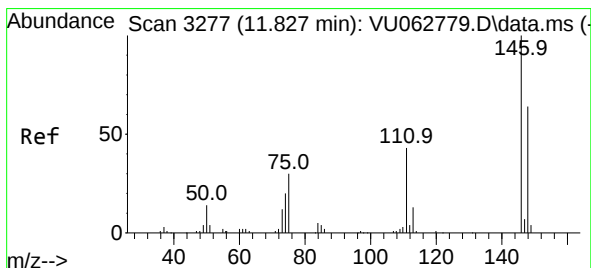
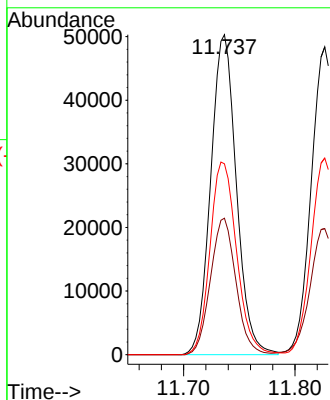
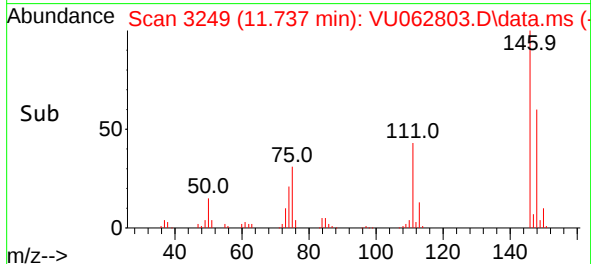


#64
1,3-Dichlorobenzene
Concen: 5.303 ug/L
RT: 11.737 min Scan# 3248
Delta R.T. 0.003 min
Lab File: VU062803.D
Acq: 16 Jan 2025 07:22

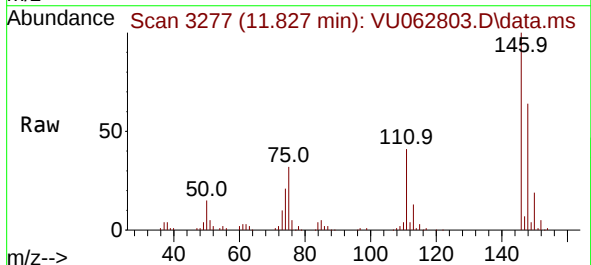
Instrument :
MSVOA_U
ClientSampleId :



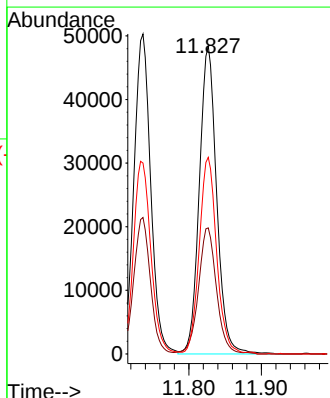
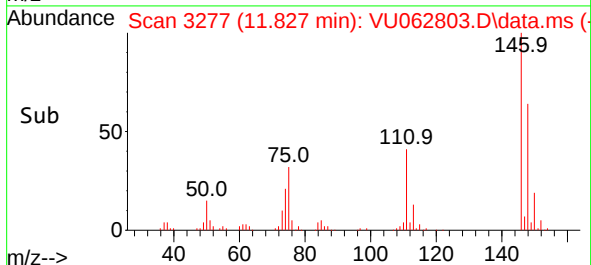
Tgt Ion:146 Resp: 80571
Ion Ratio Lower Upper
146 100
111 42.6 28.6 53.0
148 59.7 44.0 81.6

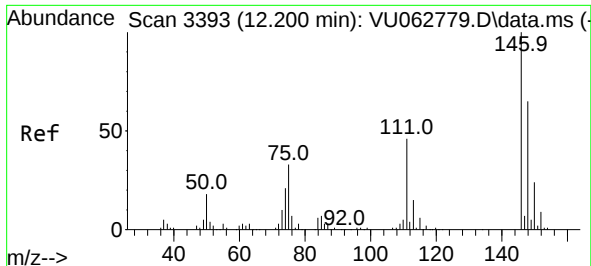


#65
1,4-Dichlorobenzene
Concen: 5.257 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU062803.D
Acq: 16 Jan 2025 07:22



Tgt Ion:146 Resp: 80539
Ion Ratio Lower Upper
146 100
111 41.0 29.5 54.9
148 63.9 45.1 83.9

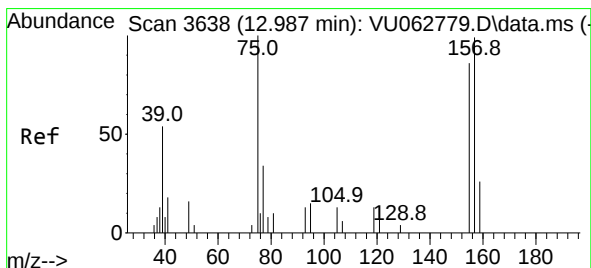
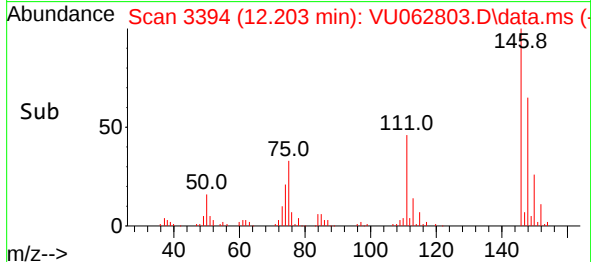
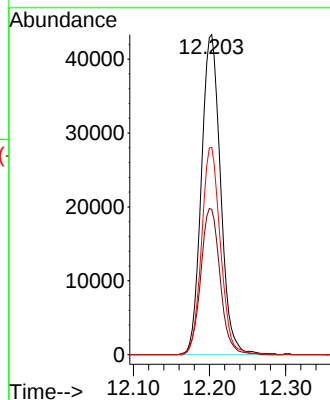
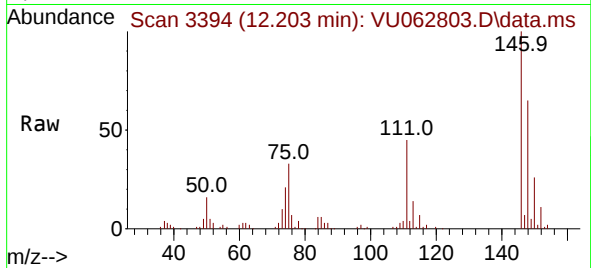




#67
1,2-Dichlorobenzene
Concen: 5.328 ug/L
RT: 12.203 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU062803.D
Acq: 16 Jan 2025 07:22

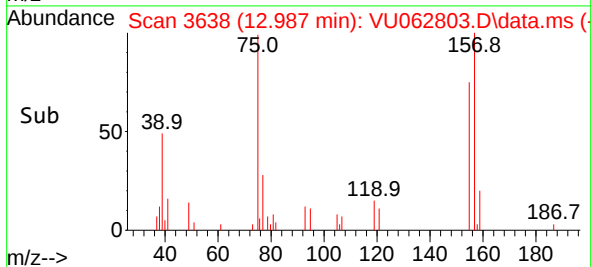
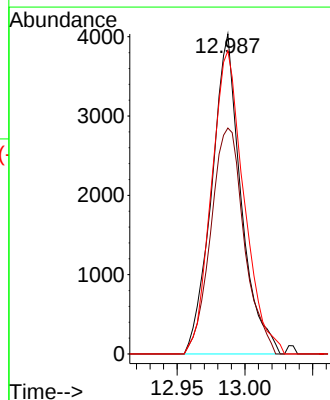
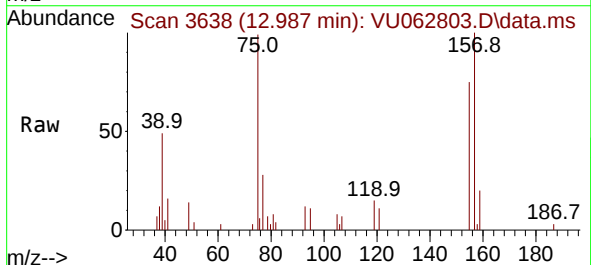
Instrument :
MSVOA_U
ClientSampleId :

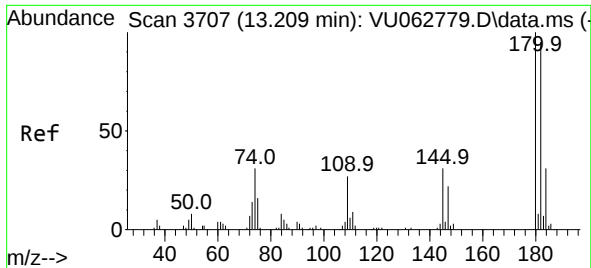
Tgt Ion:146 Resp: 75866
Ion Ratio Lower Upper
146 100
111 45.4 36.3 54.5
148 64.8 52.0 78.0



#68
1,2-Dibromo-3-chloropropane
Concen: 5.549 ug/L
RT: 12.987 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VU062803.D
Acq: 16 Jan 2025 07:22

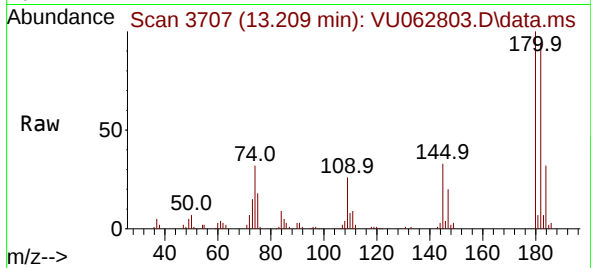
Tgt Ion: 75 Resp: 6063
Ion Ratio Lower Upper
75 100
155 70.6 59.6 89.4
157 94.8 70.8 106.2



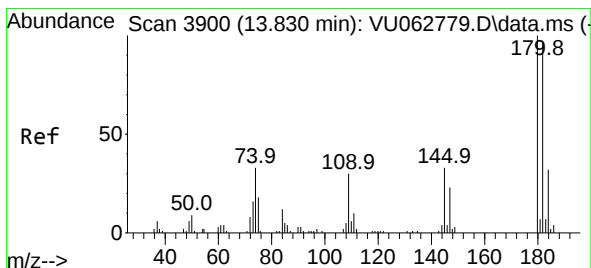
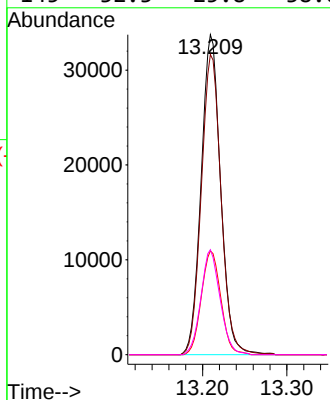
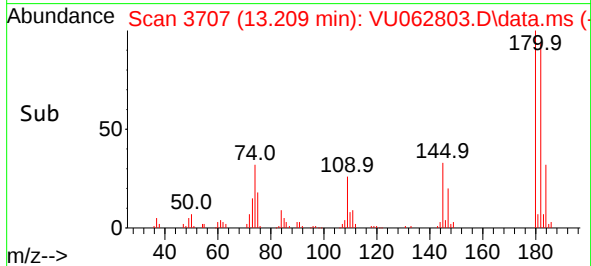


#69
 1,3,5-Trichlorobenzene
 Concen: 4.752 ug/L
 RT: 13.209 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU062803.D
 Acq: 16 Jan 2025 07:22

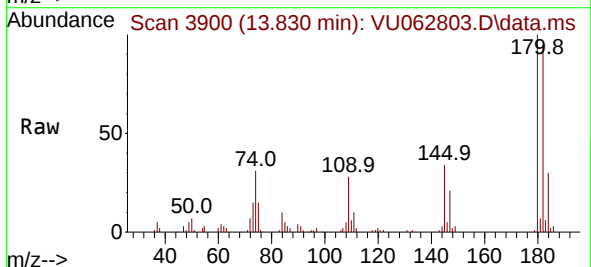
Instrument :
 MSVOA_U
 ClientSampleId :



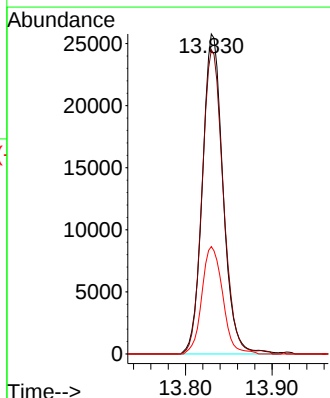
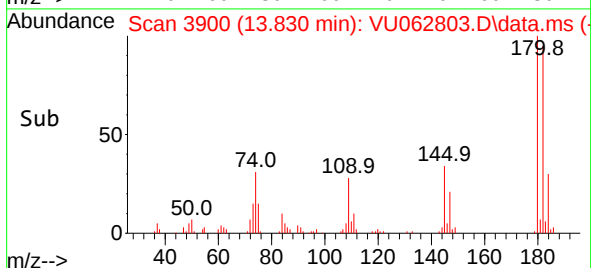
Tgt Ion:180 Resp: 54373
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.8 113.8
 184 32.3 24.7 37.1
 145 32.3 25.8 38.6

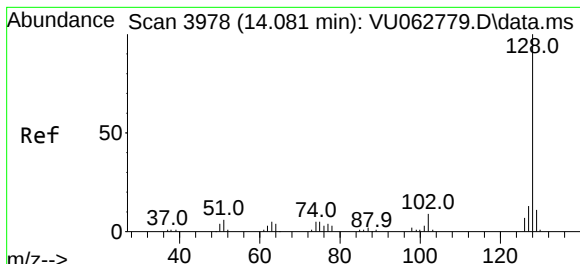


#70
 1,2,4-trichlorobenzene
 Concen: 4.617 ug/L
 RT: 13.830 min Scan# 3900
 Delta R.T. 0.000 min
 Lab File: VU062803.D
 Acq: 16 Jan 2025 07:22



Tgt Ion:180 Resp: 42545
 Ion Ratio Lower Upper
 180 100
 182 97.0 77.1 115.7
 145 33.9 26.9 40.3

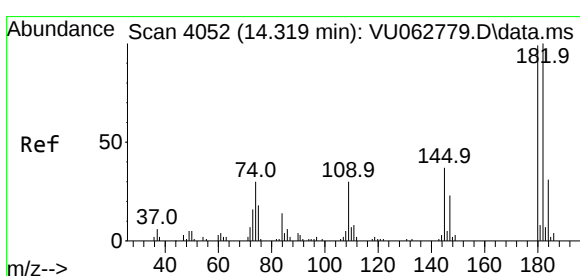
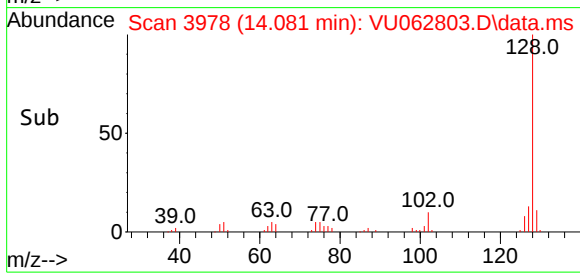
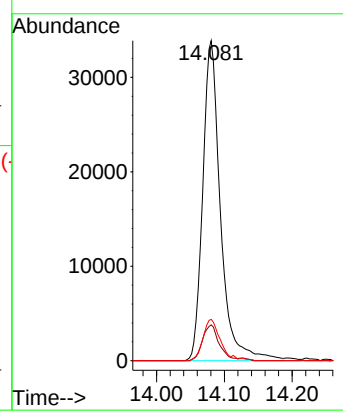
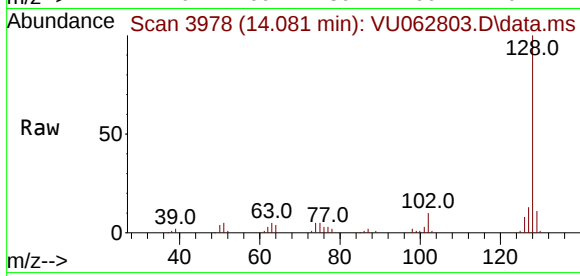




#71
 Naphthalene
 Concen: 4.569 ug/L
 RT: 14.081 min Scan# 3978
 Delta R.T. 0.000 min
 Lab File: VU062803.D
 Acq: 16 Jan 2025 07:22

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:	128	Resp:	61603
Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.5	12.7
127	12.4	10.2	15.2



#72
 1,2,3-Trichlorobenzene
 Concen: 4.642 ug/L
 RT: 14.319 min Scan# 4052
 Delta R.T. 0.000 min
 Lab File: VU062803.D
 Acq: 16 Jan 2025 07:22

Tgt Ion:	180	Resp:	37287
Ion	Ratio	Lower	Upper
180	100		
182	96.9	79.8	119.6
145	35.2	29.2	43.8

