

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062801.D
 Acq On : 16 Jan 2025 06:08
 Operator : MD/SY
 Sample : Q1071-12MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ77MS

Quant Time: Jan 16 07:01:07 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	97747	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	91491	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	47936	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	17040	3.148	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.000%
7) Chloroethane-d5	1.901	69	15900	3.651	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.000%
11) 1,1-Dichloroethene-d2	2.557	65	9824	3.503	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.000%
20) 2-Butanone-d5	4.608	46	63212	57.131	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.260%
24) Chloroform-d	5.049	84	61067	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.689	65	34684	4.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.714	84	92251	4.125	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	6.679	67	27871	4.495	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.888	98	89898	4.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	8.171	79	13130	4.248	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.618	63	52785	54.299	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.600%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	27970	5.386	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	38236	4.794	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	42824	4.599	ug/L	98
3) Chloromethane	1.515	50	27457	4.394	ug/L	99
5) Vinyl chloride	1.599	62	77502	11.014	ug/L	99
6) Bromomethane	1.843	94	15062	2.942	ug/L	89
8) Chloroethane	1.923	64	174632	41.307	ug/L	95
9) Trichlorofluoromethane	2.129	101	67380	4.747	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	34751	5.067	ug/L	92
12) 1,1-Dichloroethene	2.570	96	1198615	197.534	ug/L #	73
13) Acetone	2.611	43	45170	51.535	ug/L	100
14) Carbon disulfide	2.782	76	83282	4.297	ug/L	97
15) Methyl Acetate	2.939	43	6127	3.228	ug/L	100
16) Methylene chloride	3.033	84	31583	4.752	ug/L	97
17) Methyl tert-butyl Ether	3.348	73	84506	5.067	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	110987	17.073	ug/L	98
19) 1,1-Dichloroethane	3.853	63	702470	60.436	ug/L	95
21) 2-Butanone	4.685	43	60282	51.641	ug/L #	1
22) cis-1,2-Dichloroethene	4.650	96	3126629	441.646	ug/L	97
23) Bromochloromethane	4.959	128	16858	5.044	ug/L	94
25) Chloroform	5.071	83	68345	4.778	ug/L	97

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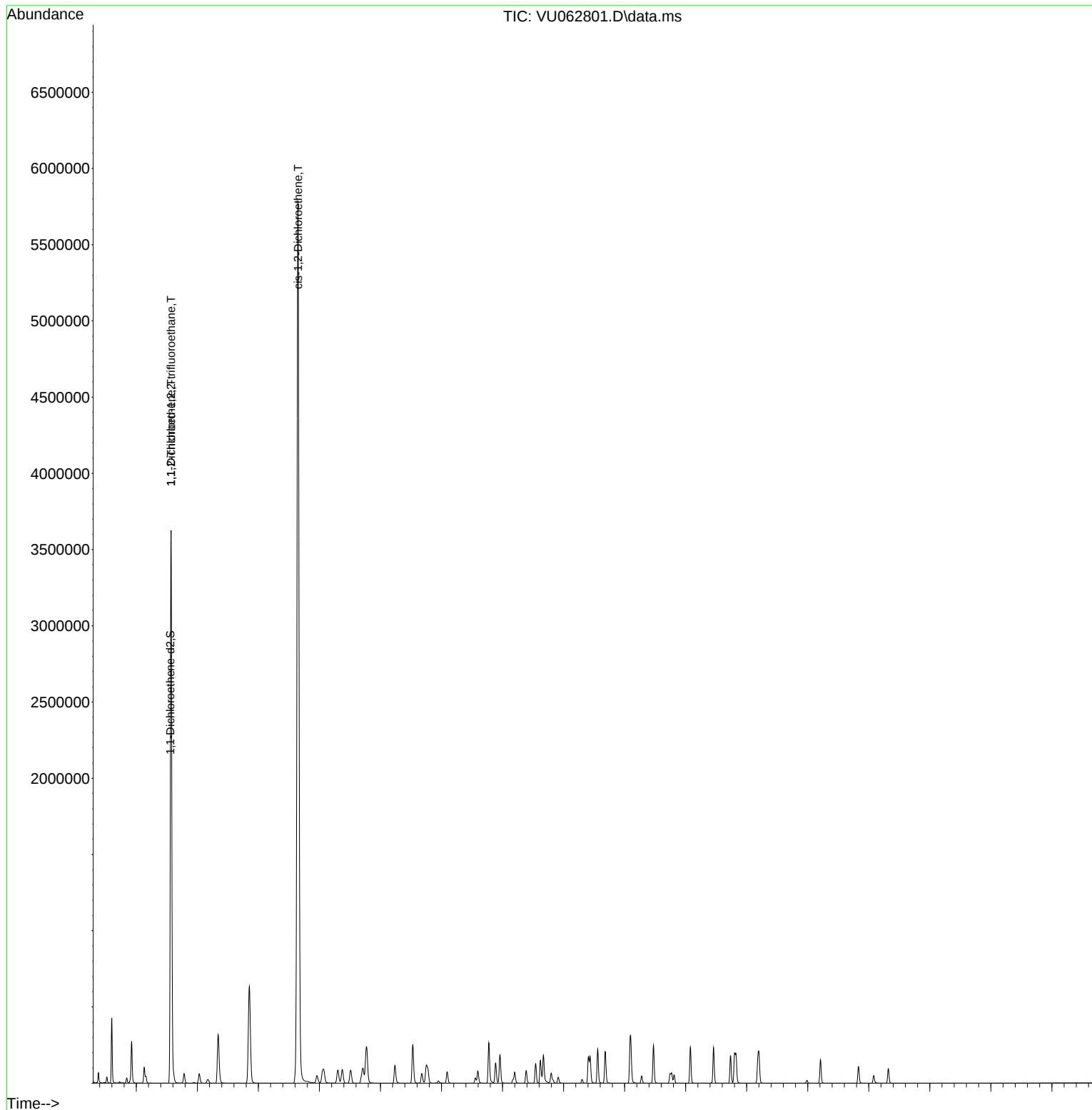
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	153774	16.440	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	66824	4.815	ug/L	100
30) Cyclohexane	5.377	56	42616	4.702	ug/L	96
31) Carbon tetrachloride	5.512	117	62229	4.879	ug/L	99
33) Benzene	5.759	78	137490	5.230	ug/L	100
34) Trichloroethene	6.531	95	86819	9.669	ug/L	97
35) Methylcyclohexane	6.750	83	47845	4.330	ug/L	96
37) 1,2-Dichloropropane	6.779	63	30288	4.884	ug/L	99
38) Bromodichloromethane	7.094	83	49934	5.007	ug/L	100
39) cis-1,3-Dichloropropene	7.595	75	47136	4.465	ug/L	98
40) 4-Methyl-2-pentanone	7.775	43	150046	51.800	ug/L	99
42) Toluene	7.959	91	138502	4.808	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	42479	4.667	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	25344	5.032	ug/L	95
47) Tetrachloroethene	8.544	164	28274	4.572	ug/L	97
48) 2-Hexanone	8.669	43	103344	49.626	ug/L	98
49) Dibromochloromethane	8.798	129	33858	5.007	ug/L	93
50) 1,2-Dibromoethane	8.913	107	25731	5.340	ug/L	97
51) Chlorobenzene	9.434	112	92217	4.896	ug/L	99
52) Ethylbenzene	9.560	91	157867	4.830	ug/L	97
53) m,p-Xylene	9.682	106	57837	4.731	ug/L	100
54) o-Xylene	10.090	106	56601	4.834	ug/L	97
55) Styrene	10.103	104	95979	4.900	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	30177	5.342	ug/L #	96
59) Bromoform	10.280	173	21496	5.141	ug/L	98
60) Isopropylbenzene	10.473	105	159479	4.828	ug/L	100
61) 1,2,3-Trichloropropane	10.810	75	22125	5.204	ug/L	97
62) 1,3,5-Trimethylbenzene	11.077	105	133694	4.762	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	130348	4.799	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	73384	4.792	ug/L	96
65) 1,4-Dichlorobenzene	11.827	146	71751	4.646	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	71215	4.962	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	5335	4.844	ug/L	90
69) 1,3,5-Trichlorobenzene	13.209	180	48897	4.239	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	36125	3.889	ug/L	99
71) Naphthalene	14.080	128	46977	3.456	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	30085	3.715	ug/L	97

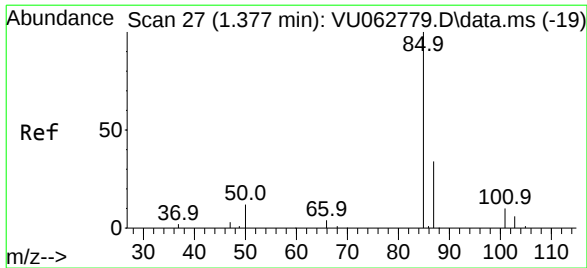
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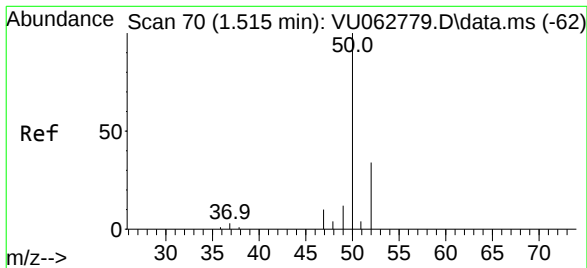
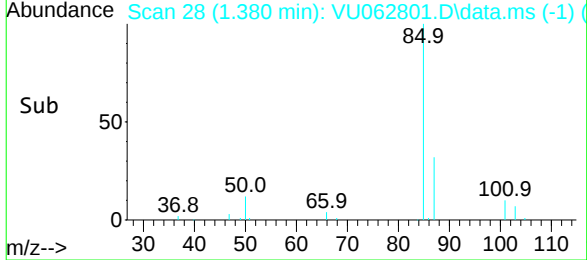
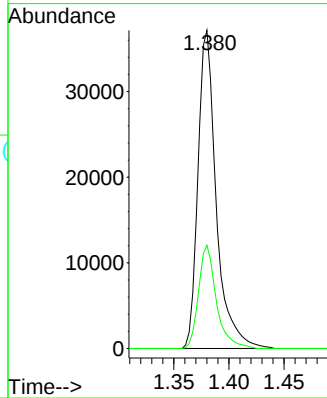
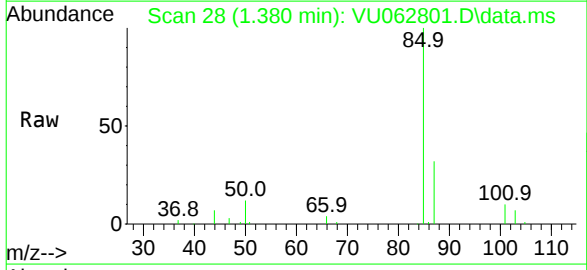




#2
 Dichlorodifluoromethane
 Concen: 4.599 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. 0.003 min
 Lab File: VU062801.D
 Acq: 16 Jan 2025 06:08

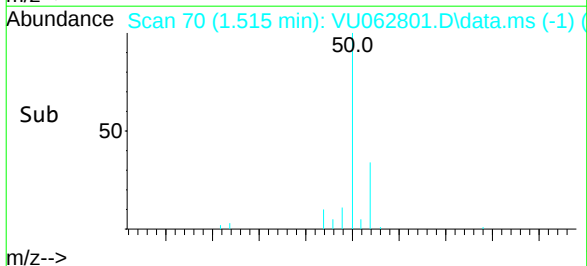
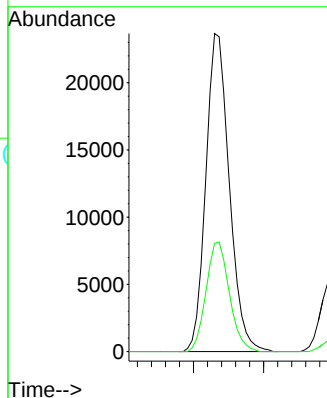
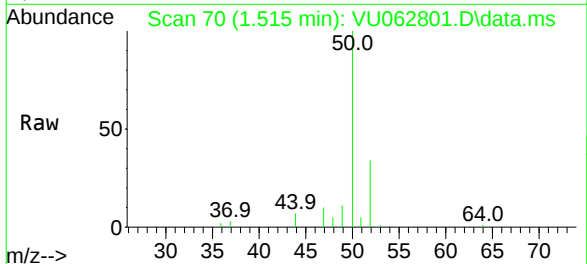
Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ77MS

Tgt Ion: 85 Resp: 42824
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.1 39.1

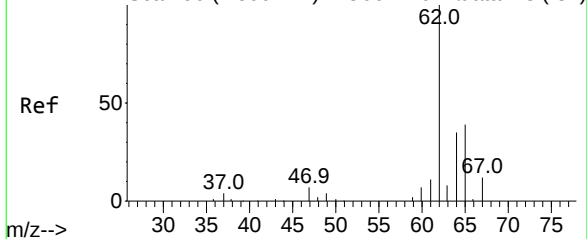


#3
 Chloromethane
 Concen: 4.394 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU062801.D
 Acq: 16 Jan 2025 06:08

Tgt Ion: 50 Resp: 27457
 Ion Ratio Lower Upper
 50 100
 52 34.1 24.1 44.7



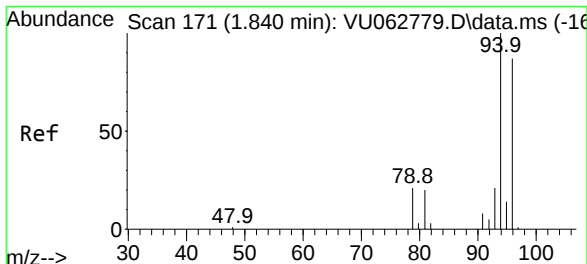
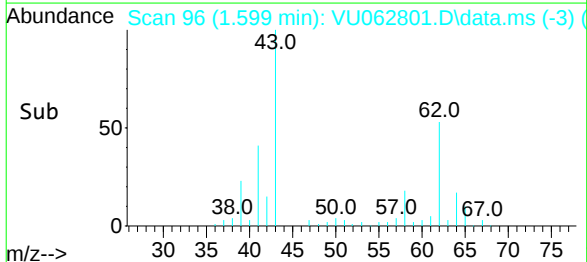
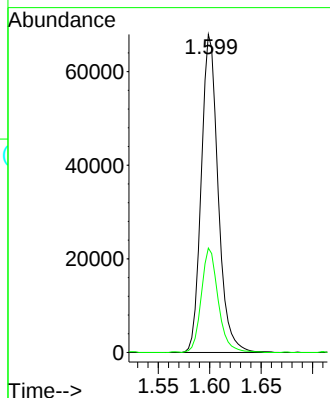
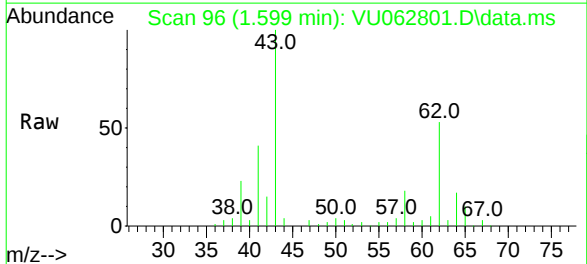
Abundance Scan 96 (1.599 min): VU062779.D\data.ms (-87)



#5
Vinyl chloride
Concen: 11.014 ug/L
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU062801.D
Acq: 16 Jan 2025 06:08

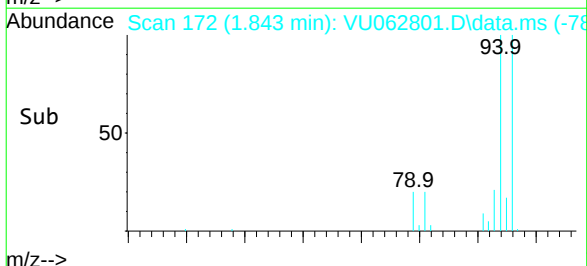
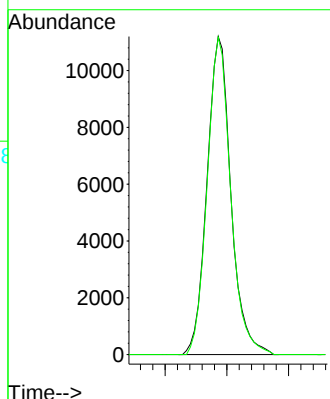
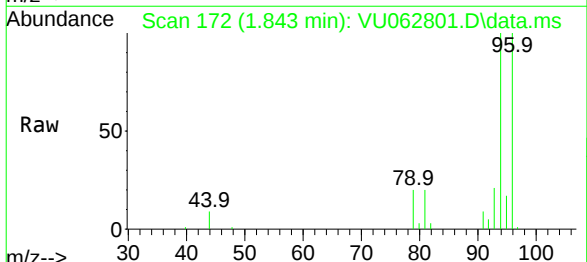
Instrument :
MSVOA_U
ClientSampleId :
GCQ77MS

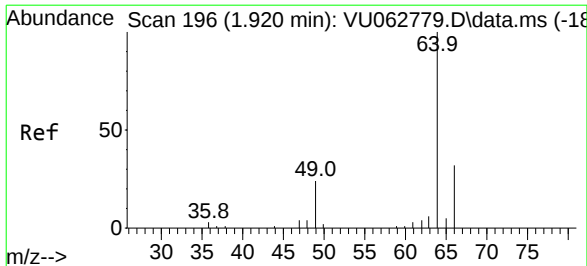
Tgt Ion: 62 Resp: 77502
Ion Ratio Lower Upper
62 100
64 32.8 23.4 43.4



#6
Bromomethane
Concen: 2.942 ug/L
RT: 1.843 min Scan# 172
Delta R.T. 0.003 min
Lab File: VU062801.D
Acq: 16 Jan 2025 06:08

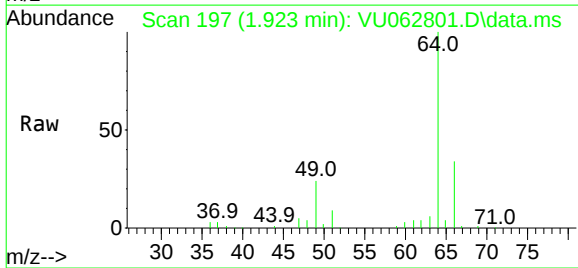
Tgt Ion: 94 Resp: 15062
Ion Ratio Lower Upper
94 100
96 99.8 62.9 116.7



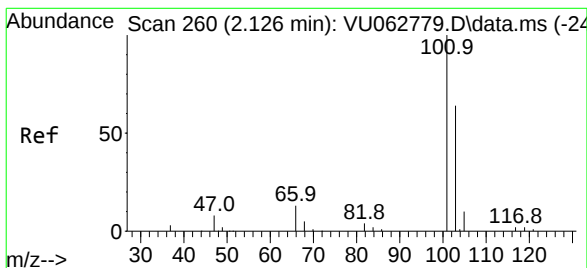
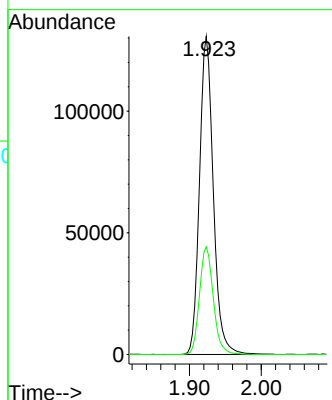
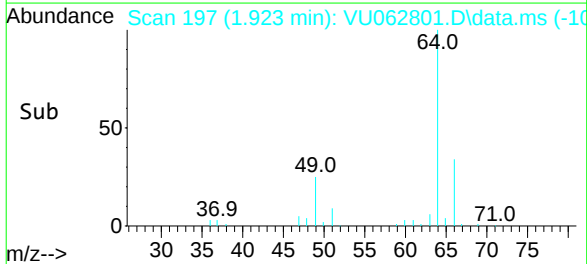


#8
Chloroethane
Concen: 41.307 ug/L
RT: 1.923 min Scan# 19
Delta R.T. 0.003 min
Lab File: VU062801.D
Acq: 16 Jan 2025 06:08

Instrument :
MSVOA_U
ClientSampleId :
GCQ77MS

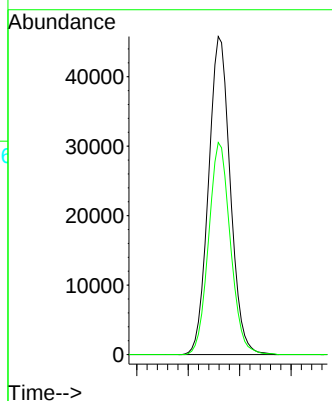
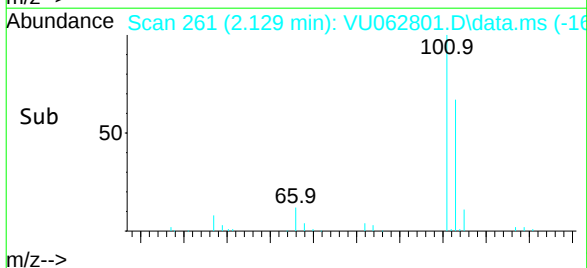
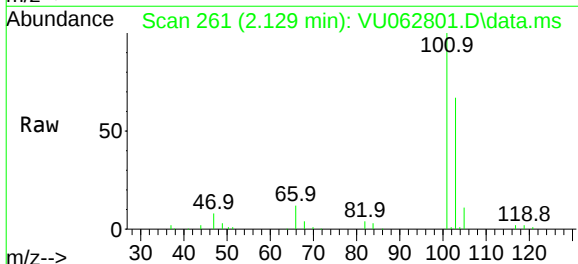


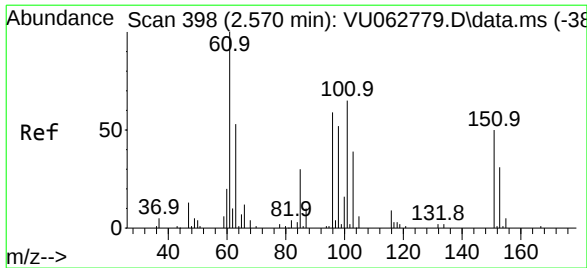
Tgt Ion: 64 Resp: 174632
Ion Ratio Lower Upper
64 100
66 33.9 21.6 40.2



#9
Trichlorofluoromethane
Concen: 4.747 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.003 min
Lab File: VU062801.D
Acq: 16 Jan 2025 06:08

Tgt Ion: 101 Resp: 67380
Ion Ratio Lower Upper
101 100
103 66.7 51.4 77.0

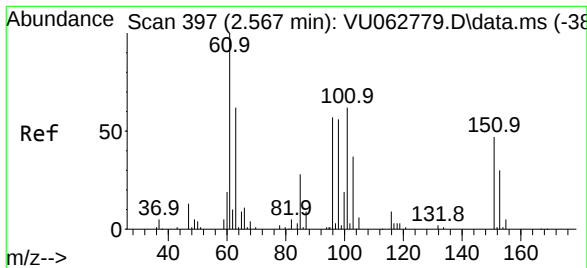
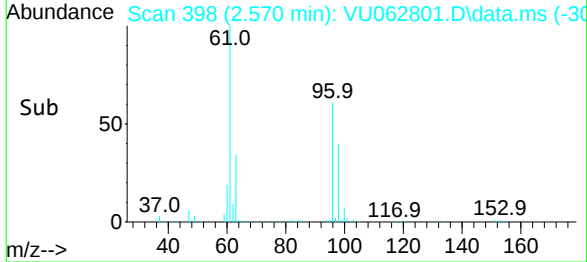
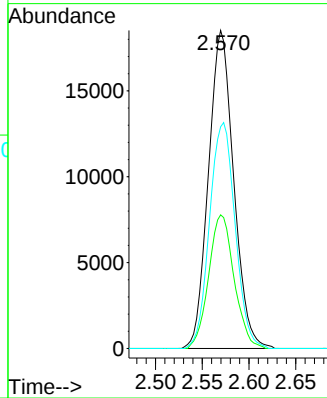
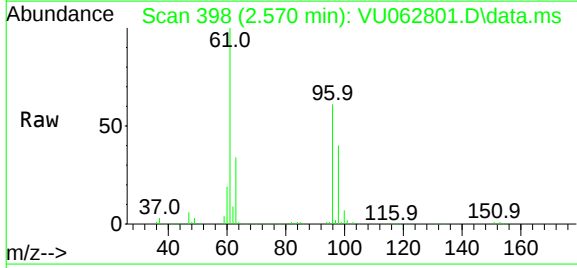




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.067 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU062801.D
Acq: 16 Jan 2025 06:08

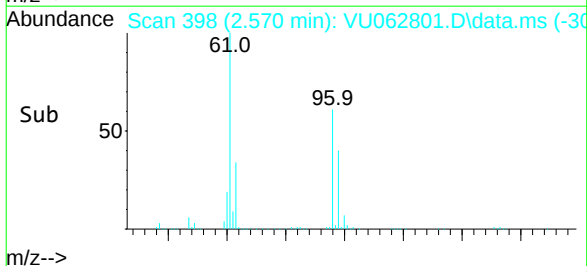
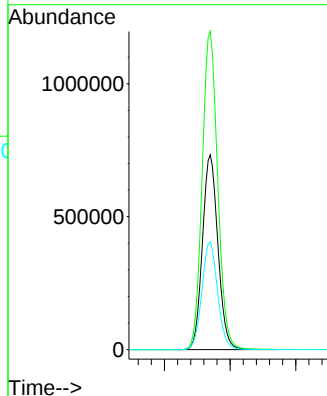
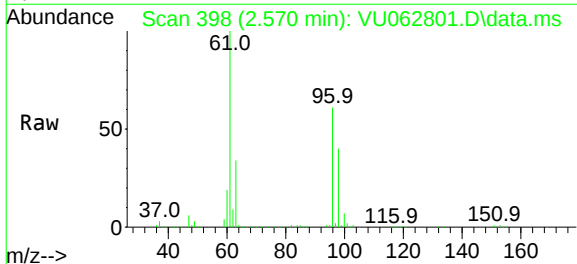
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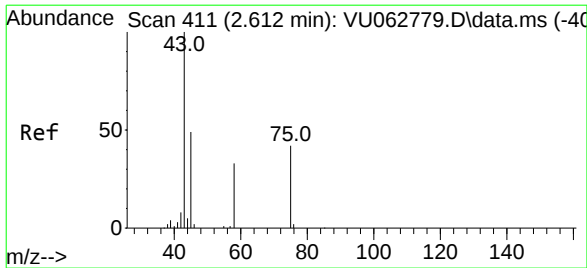
Tgt Ion:	101	Resp:	34751
Ion	Ratio	Lower	Upper
101	100		
85	42.3	37.0	55.6
151	72.1	64.4	96.6



#12
1,1-Dichloroethene
Concen: 197.534 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.003 min
Lab File: VU062801.D
Acq: 16 Jan 2025 06:08

Tgt Ion:	96	Resp:	1198615
Ion	Ratio	Lower	Upper
96	100		
61	163.3	120.4	223.6
63	55.2	82.3	152.9#





#13

Acetone

Concen: 51.535 ug/L

RT: 2.611 min Scan# 411

Delta R.T. -0.000 min

Lab File: VU062801.D

Acq: 16 Jan 2025 06:08

Instrument :

MSVOA_U

ClientSampleId :

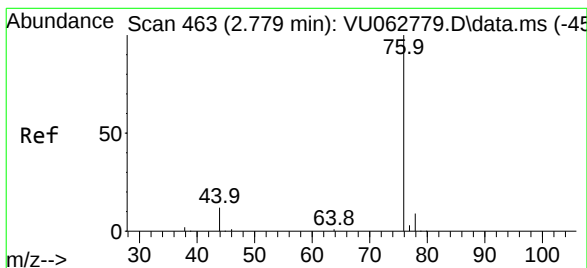
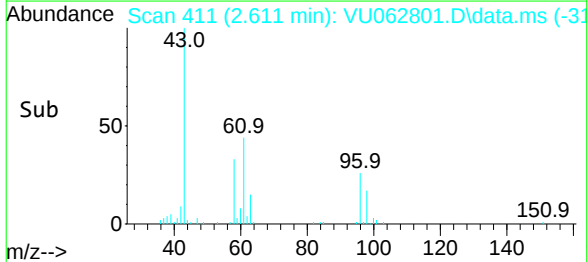
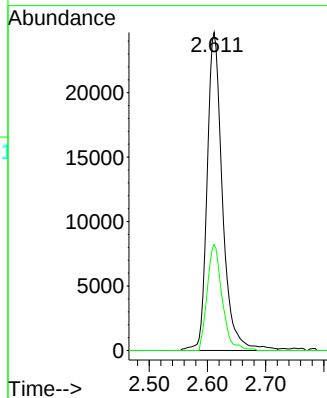
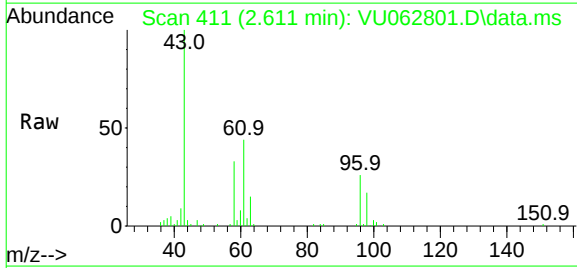
GCQ77MS

Tgt Ion: 43 Resp: 45170

Ion Ratio Lower Upper

43 100

58 32.2 0.0 64.4



#14

Carbon disulfide

Concen: 4.297 ug/L

RT: 2.782 min Scan# 464

Delta R.T. 0.003 min

Lab File: VU062801.D

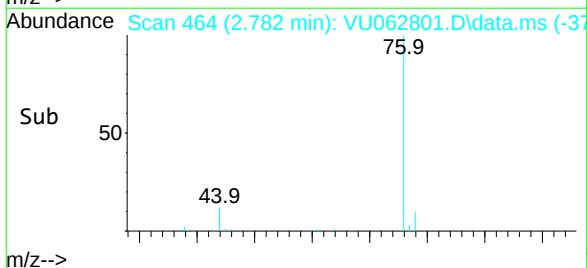
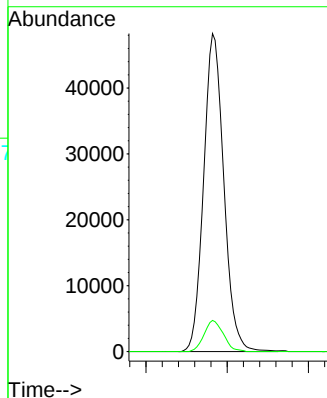
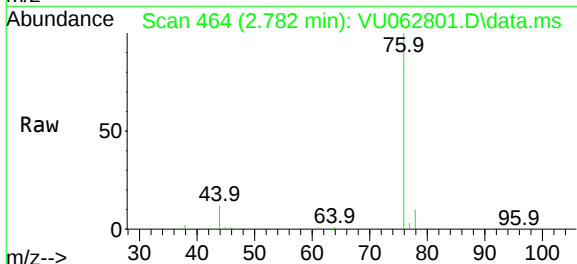
Acq: 16 Jan 2025 06:08

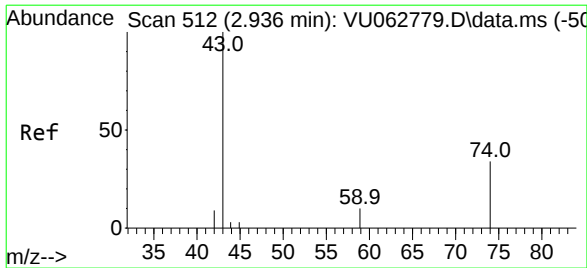
Tgt Ion: 76 Resp: 83282

Ion Ratio Lower Upper

76 100

78 9.8 7.0 10.6

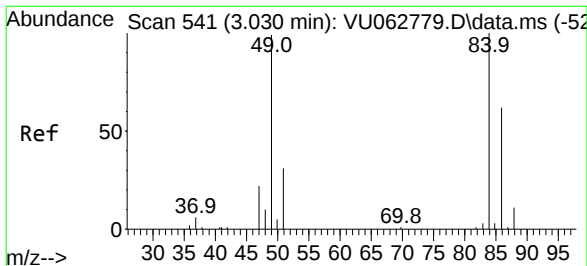
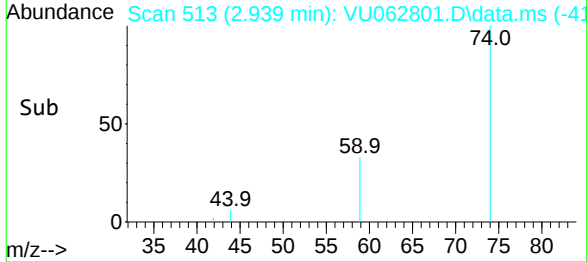
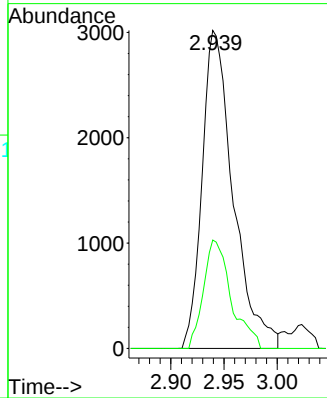
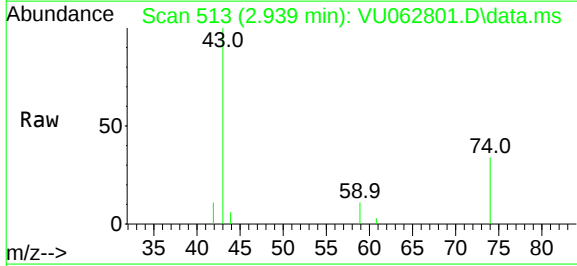




#15
Methyl Acetate
Concen: 3.228 ug/L
RT: 2.939 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU062801.D
Acq: 16 Jan 2025 06:08

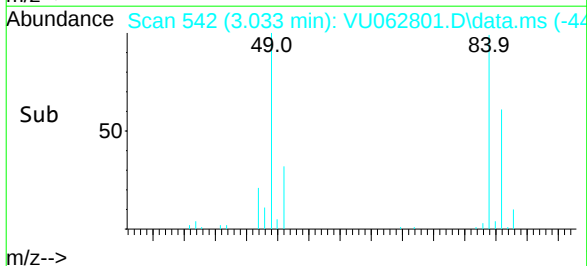
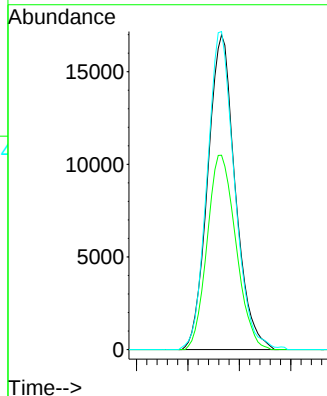
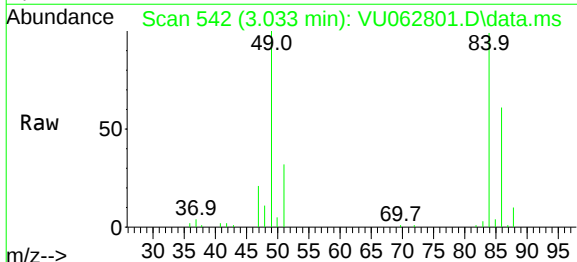
Instrument :
MSVOA_U
ClientSampleId :
GCQ77MS

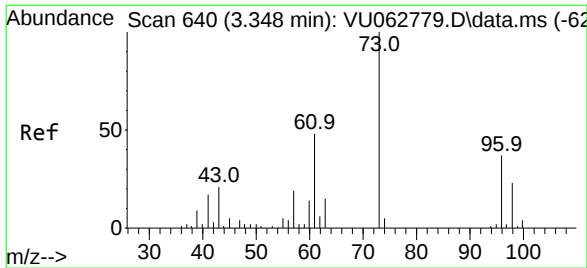
Tgt Ion: 43 Resp: 6127
Ion Ratio Lower Upper
43 100
74 30.3 24.4 36.6



#16
Methylene chloride
Concen: 4.752 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.003 min
Lab File: VU062801.D
Acq: 16 Jan 2025 06:08

Tgt Ion: 84 Resp: 31583
Ion Ratio Lower Upper
84 100
86 61.8 44.7 83.1
49 101.1 68.3 126.9

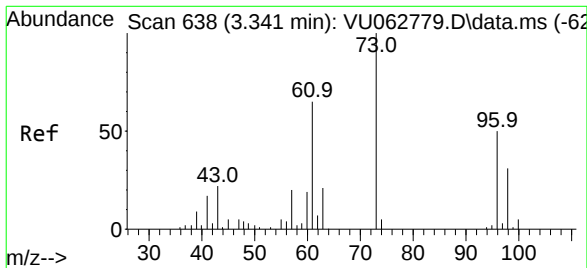
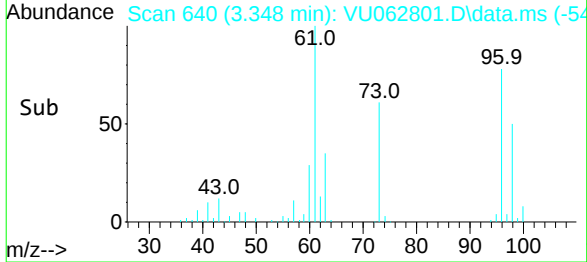
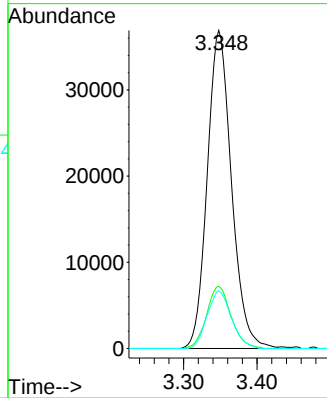
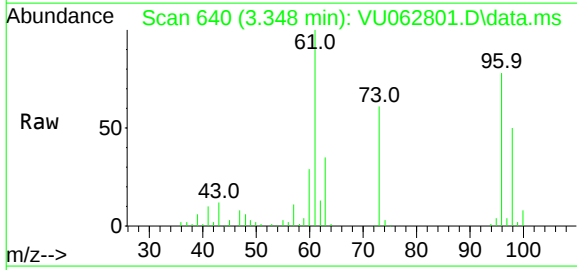




#17
Methyl tert-butyl Ether
Concen: 5.067 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU062801.D
Acq: 16 Jan 2025 06:08

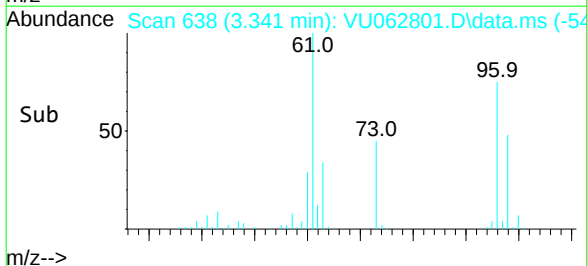
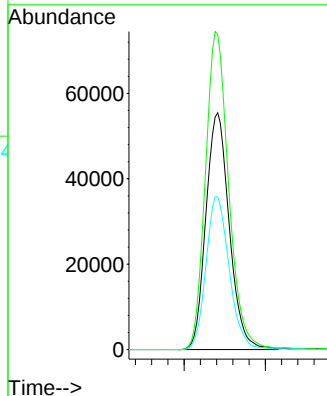
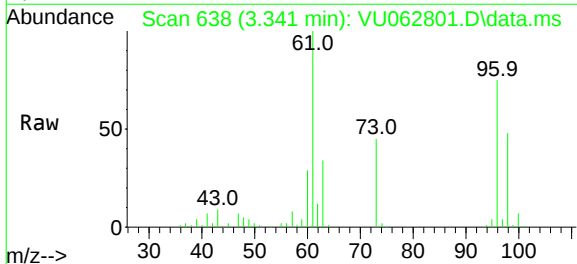
Instrument :
MSVOA_U
ClientSampleId :
GCQ77MS

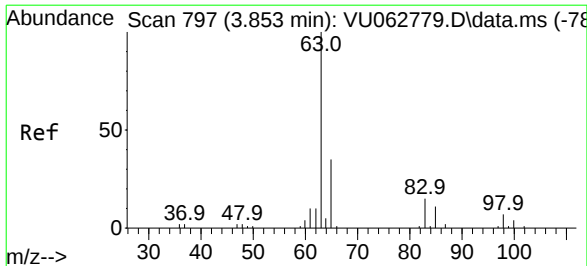
Tgt Ion:	73	Resp:	84506
Ion	Ratio	Lower	Upper
73	100		
43	19.8	16.2	24.4
57	18.1	14.6	22.0



#18
trans-1,2-Dichloroethene
Concen: 17.073 ug/L
RT: 3.341 min Scan# 638
Delta R.T. -0.000 min
Lab File: VU062801.D
Acq: 16 Jan 2025 06:08

Tgt Ion:	96	Resp:	110987
Ion	Ratio	Lower	Upper
96	100		
61	133.2	94.4	175.2
98	64.5	42.8	79.4

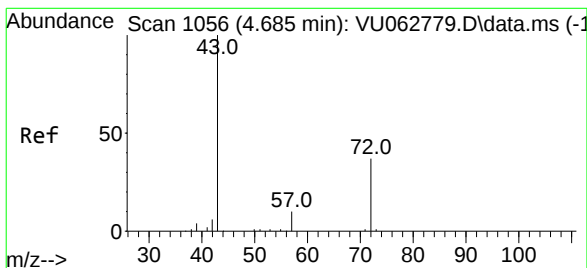
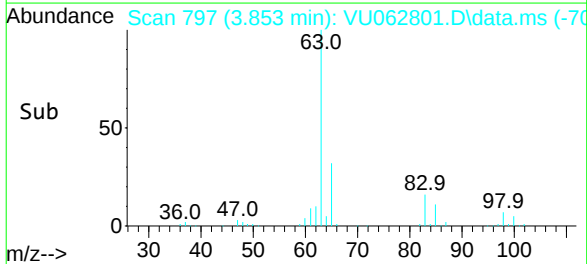
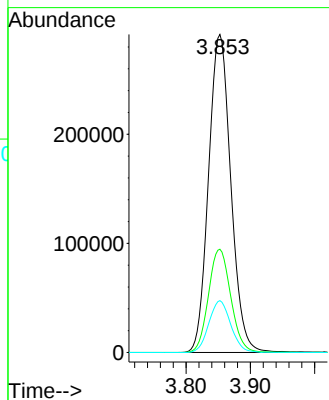
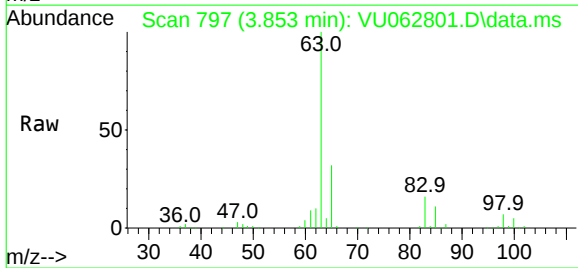




#19
1,1-Dichloroethane
Concen: 60.436 ug/L
RT: 3.853 min Scan# 797
Delta R.T. -0.000 min
Lab File: VU062801.D
Acq: 16 Jan 2025 06:08

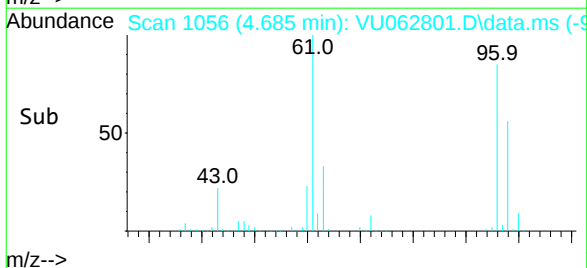
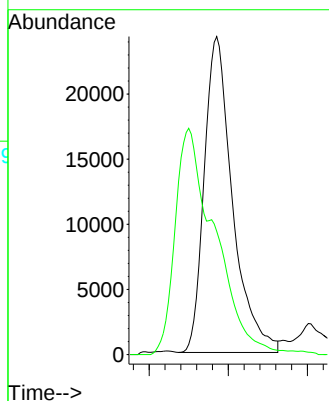
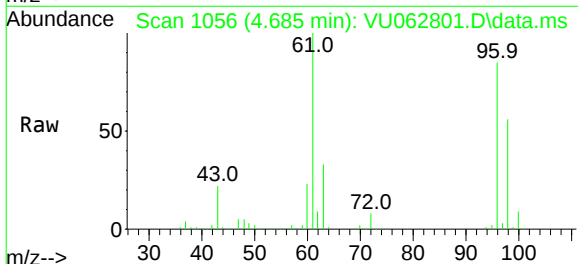
Instrument :
MSVOA_U
ClientSampleId :
GCQ77MS

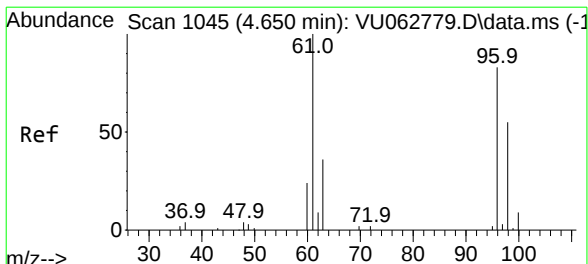
Tgt Ion: 63 Resp: 702470
Ion Ratio Lower Upper
63 100
65 32.5 20.7 38.5
83 16.3 10.5 19.5



#21
2-Butanone
Concen: 51.641 ug/L
RT: 4.685 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VU062801.D
Acq: 16 Jan 2025 06:08

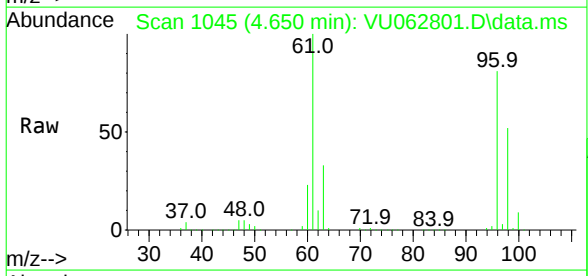
Tgt Ion: 43 Resp: 60282
Ion Ratio Lower Upper
43 100
72 101.0 17.1 51.2#





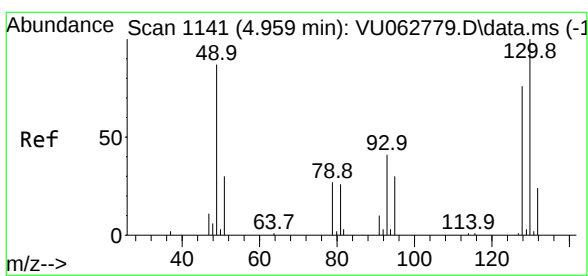
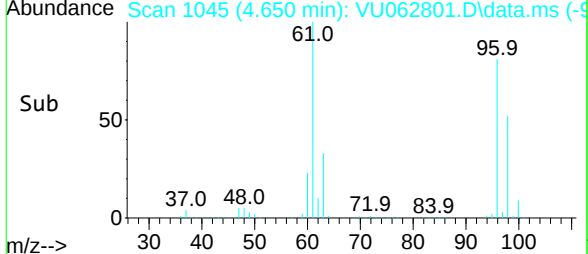
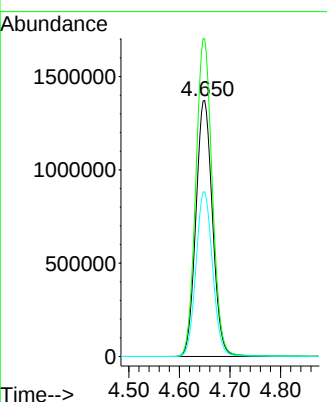
#22
 cis-1,2-Dichloroethene
 Concen: 441.646 ug/L
 RT: 4.650 min Scan# 1045
 Delta R.T. -0.000 min
 Lab File: VU062801.D
 Acq: 16 Jan 2025 06:08

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ77MS



Tgt Ion: 96 Resp: 3126629

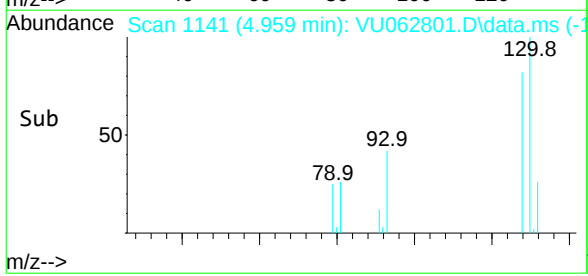
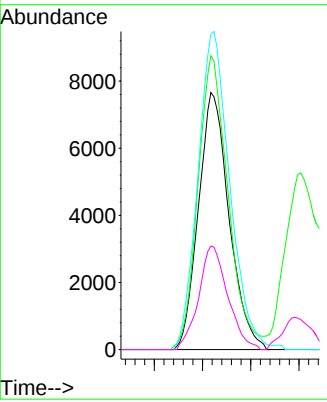
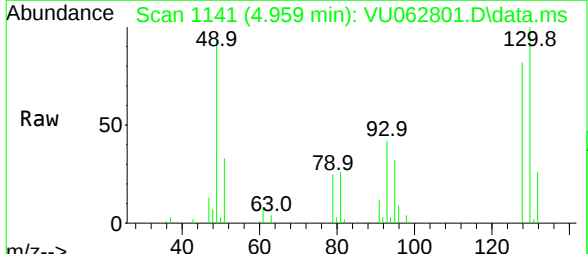
Ion	Ratio	Lower	Upper
96	100		
61	124.0	84.8	157.6
98	64.3	43.1	80.1

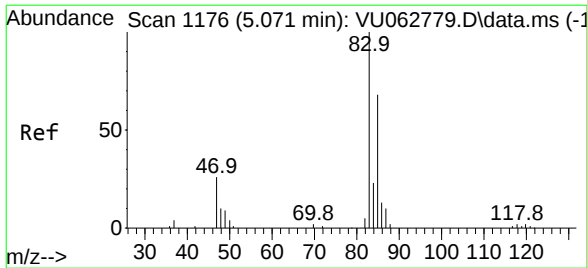


#23
 Bromochloromethane
 Concen: 5.044 ug/L
 RT: 4.959 min Scan# 1141
 Delta R.T. -0.000 min
 Lab File: VU062801.D
 Acq: 16 Jan 2025 06:08

Tgt Ion: 128 Resp: 16858

Ion	Ratio	Lower	Upper
128	100		
49	114.3	81.1	150.7
130	122.5	94.9	176.3
51	40.3	30.6	46.0

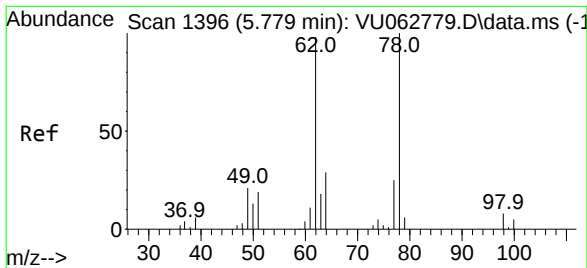
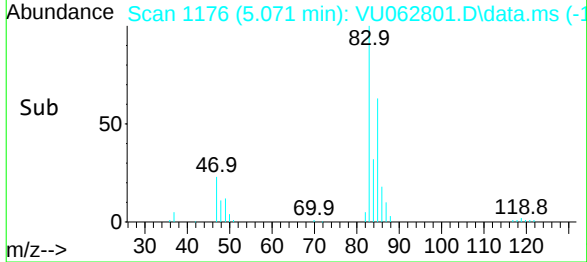
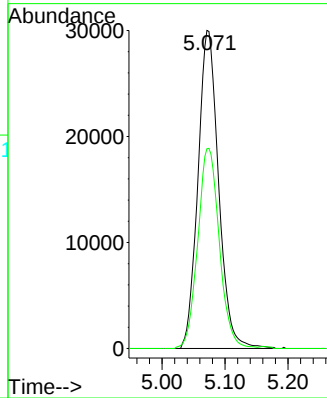
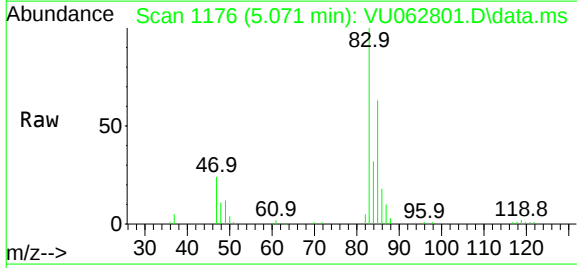




#25
Chloroform
Concen: 4.778 ug/L
RT: 5.071 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VU062801.D
Acq: 16 Jan 2025 06:08

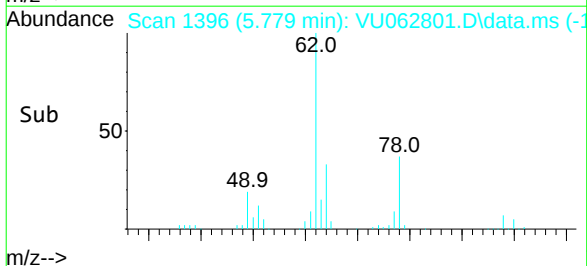
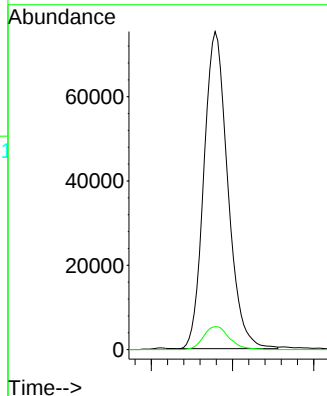
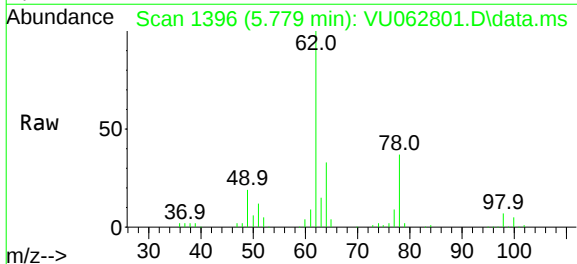
Instrument :
MSVOA_U
ClientSampleId :
GCQ77MS

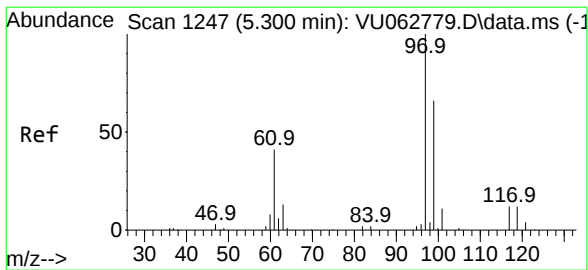
Tgt Ion: 83 Resp: 68345
Ion Ratio Lower Upper
83 100
85 62.8 45.8 85.2



#27
1,2-Dichloroethane
Concen: 16.440 ug/L
RT: 5.779 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VU062801.D
Acq: 16 Jan 2025 06:08

Tgt Ion: 62 Resp: 153774
Ion Ratio Lower Upper
62 100
98 7.2 5.8 8.6





#29

1,1,1-Trichloroethane

Concen: 4.815 ug/L

RT: 5.303 min Scan# 12

Delta R.T. 0.003 min

Lab File: VU062801.D

Acq: 16 Jan 2025 06:08

Instrument :

MSVOA_U

ClientSampleId :

GCQ77MS

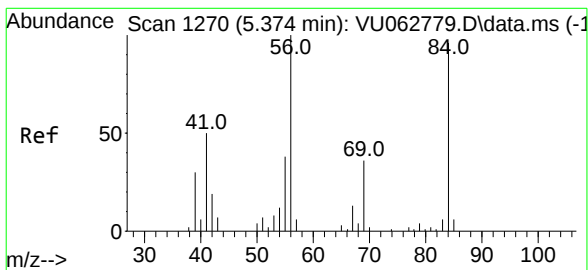
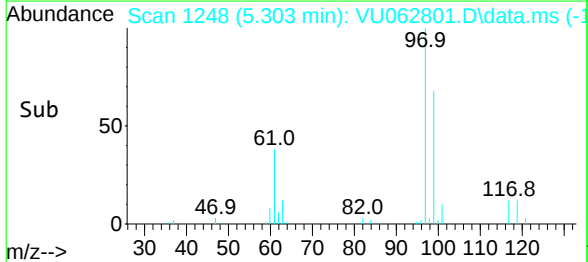
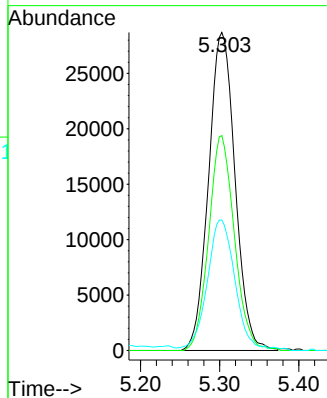
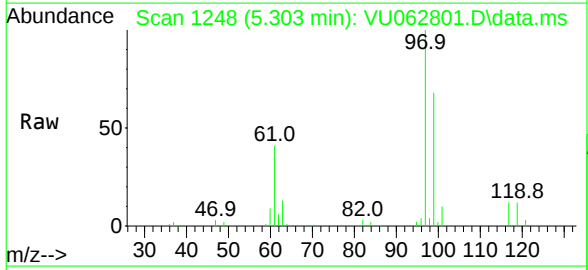
Tgt Ion: 97 Resp: 66824

Ion Ratio Lower Upper

97 100

99 65.5 52.4 78.6

61 40.5 32.2 48.4



#30

Cyclohexane

Concen: 4.702 ug/L

RT: 5.377 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VU062801.D

Acq: 16 Jan 2025 06:08

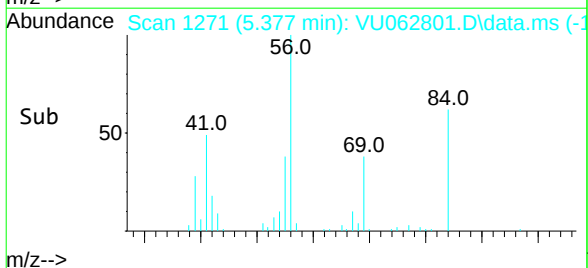
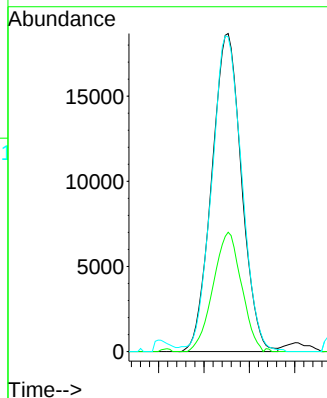
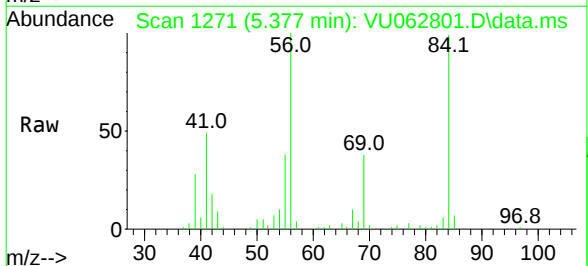
Tgt Ion: 56 Resp: 42616

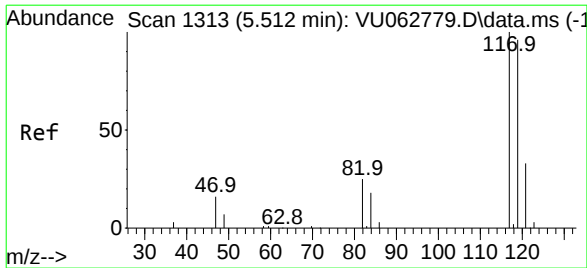
Ion Ratio Lower Upper

56 100

69 35.8 28.3 42.5

84 100.3 76.5 114.7





#31

Carbon tetrachloride

Concen: 4.879 ug/L

RT: 5.512 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VU062801.D

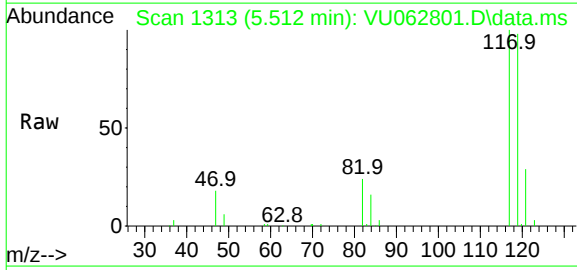
Acq: 16 Jan 2025 06:08

Instrument :

MSVOA_U

ClientSampleId :

GCQ77MS

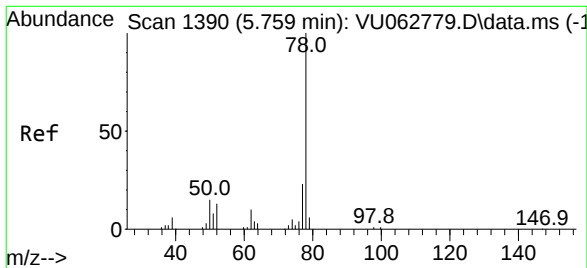
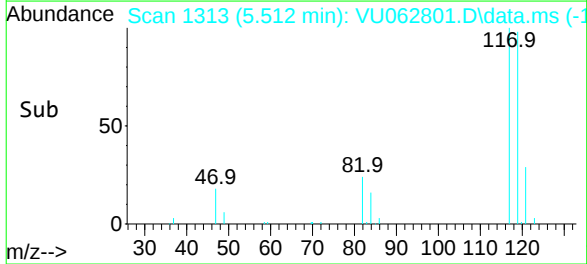
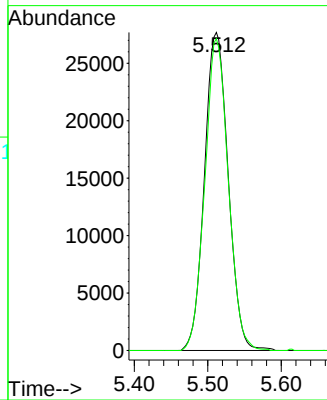


Tgt Ion:117 Resp: 62229

Ion Ratio Lower Upper

117 100

119 96.9 78.6 118.0



#33

Benzene

Concen: 5.230 ug/L

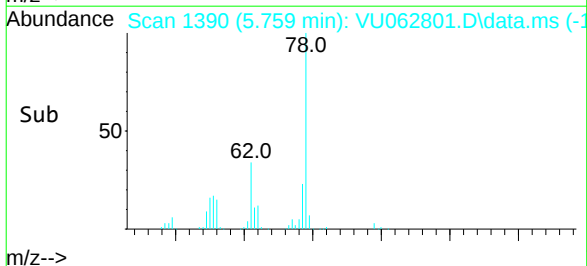
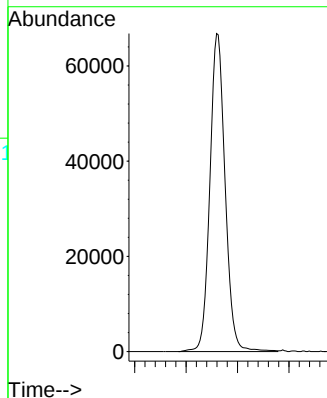
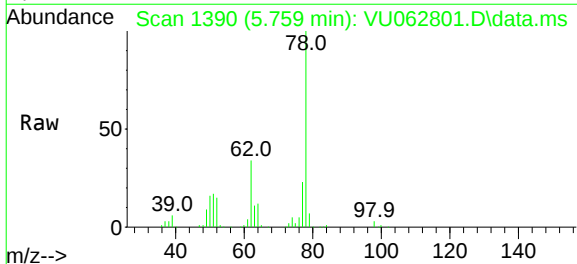
RT: 5.759 min Scan# 1390

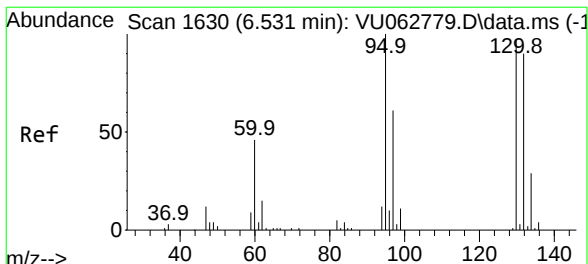
Delta R.T. -0.000 min

Lab File: VU062801.D

Acq: 16 Jan 2025 06:08

Tgt Ion: 78 Resp: 137490

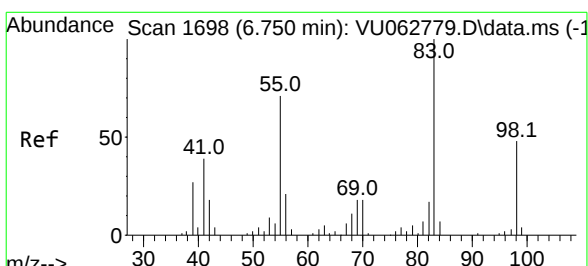
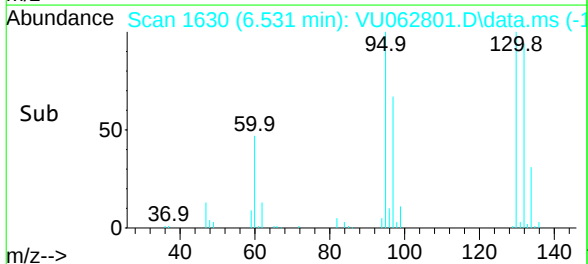
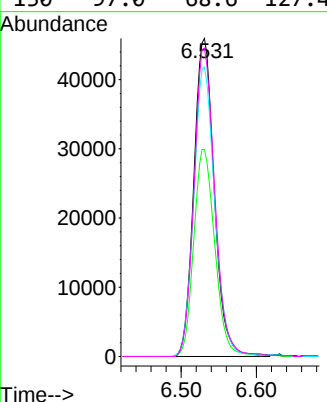
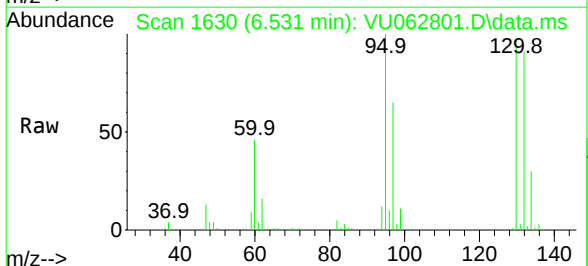




#34
 Trichloroethene
 Concen: 9.669 ug/L
 RT: 6.531 min Scan# 1630
 Delta R.T. -0.000 min
 Lab File: VU062801.D
 Acq: 16 Jan 2025 06:08

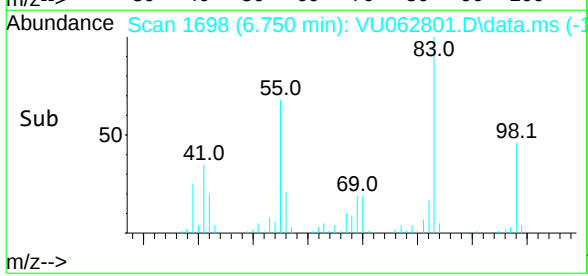
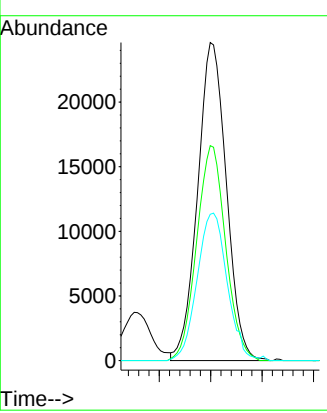
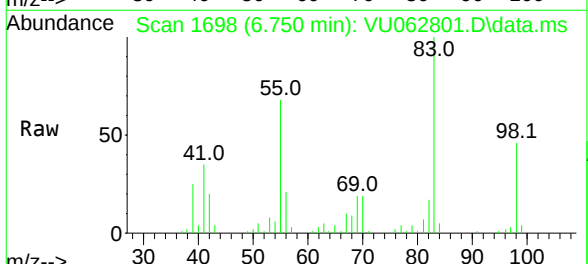
Instrument : MSVOA_U
 ClientSampleId : GCQ77MS

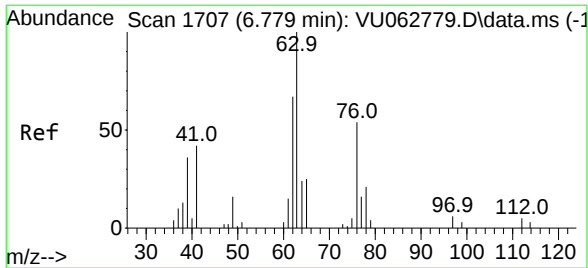
Tgt Ion:	95	Resp:	86819
Ion	Ratio	Lower	Upper
95	100		
97	65.1	47.5	88.3
132	91.0	66.9	124.3
130	97.0	68.6	127.4



#35
 Methylcyclohexane
 Concen: 4.330 ug/L
 RT: 6.750 min Scan# 1698
 Delta R.T. -0.000 min
 Lab File: VU062801.D
 Acq: 16 Jan 2025 06:08

Tgt Ion:	83	Resp:	47845
Ion	Ratio	Lower	Upper
83	100		
55	68.1	57.2	85.8
98	48.6	36.6	55.0

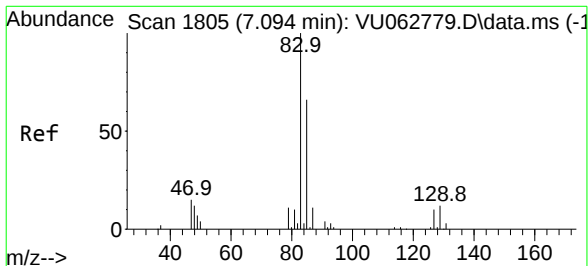
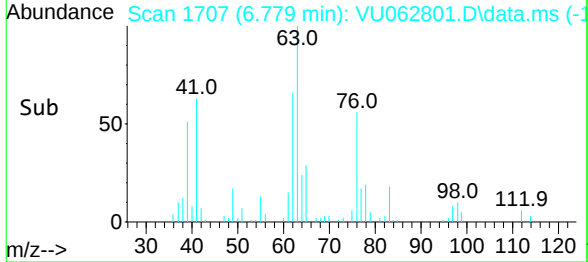
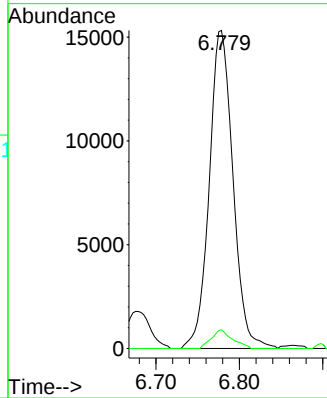
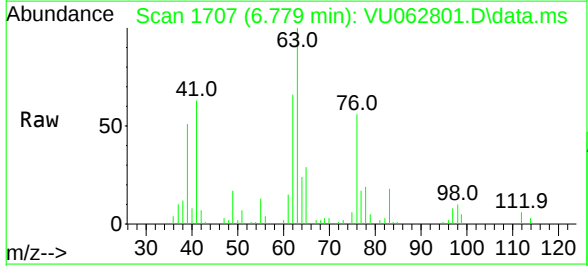




#37
1,2-Dichloropropane
Concen: 4.884 ug/L
RT: 6.779 min Scan# 1707
Delta R.T. -0.000 min
Lab File: VU062801.D
Acq: 16 Jan 2025 06:08

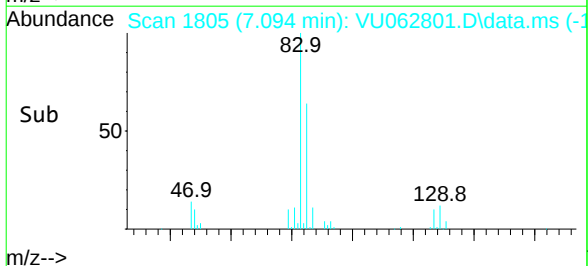
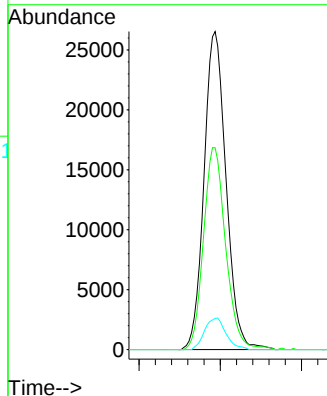
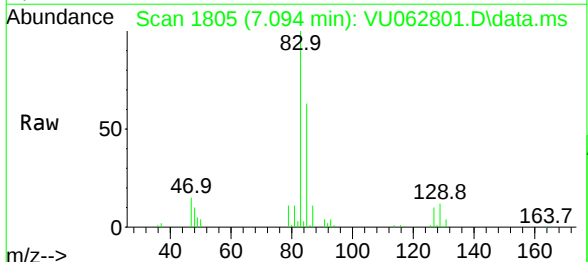
Instrument :
MSVOA_U
ClientSampleId :
GCQ77MS

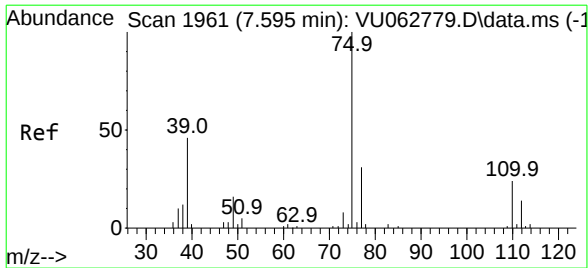
Tgt Ion: 63 Resp: 30288
Ion Ratio Lower Upper
63 100
112 5.2 3.8 5.8



#38
Bromodichloromethane
Concen: 5.007 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU062801.D
Acq: 16 Jan 2025 06:08

Tgt Ion: 83 Resp: 49934
Ion Ratio Lower Upper
83 100
85 63.5 44.2 82.0
127 9.8 7.8 11.8

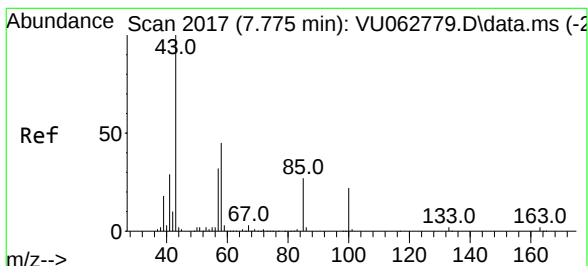
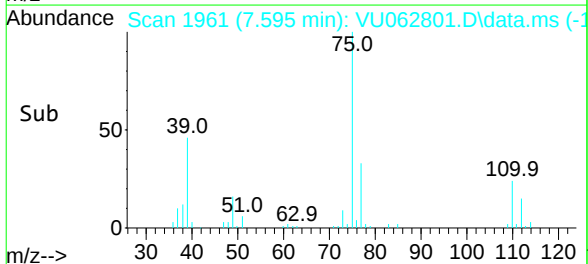
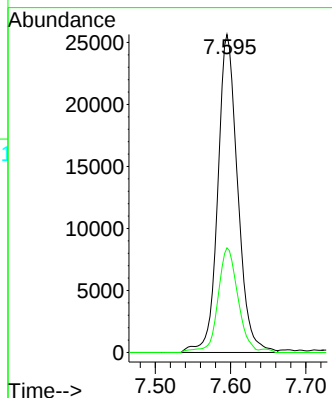
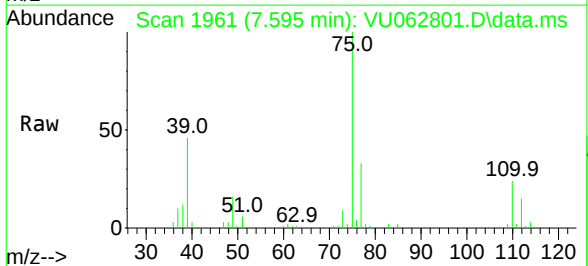




#39
 cis-1,3-Dichloropropene
 Concen: 4.465 ug/L
 RT: 7.595 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: VU062801.D
 Acq: 16 Jan 2025 06:08

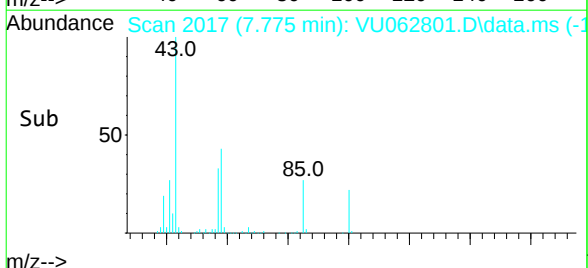
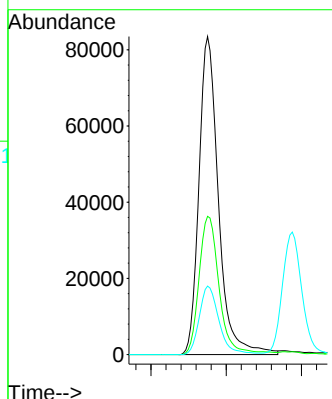
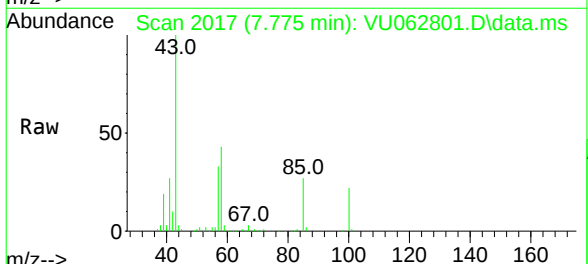
Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ77MS

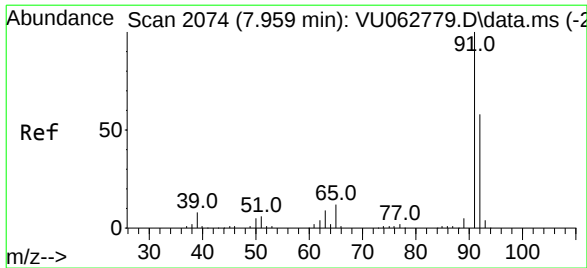
Tgt Ion: 75 Resp: 47136
 Ion Ratio Lower Upper
 75 100
 77 32.9 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 51.800 ug/L
 RT: 7.775 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VU062801.D
 Acq: 16 Jan 2025 06:08

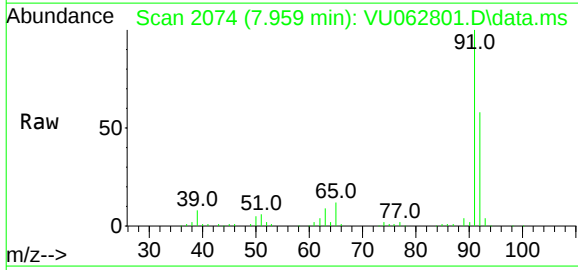
Tgt Ion: 43 Resp: 150046
 Ion Ratio Lower Upper
 43 100
 58 44.4 35.8 53.8
 100 21.8 16.8 25.2



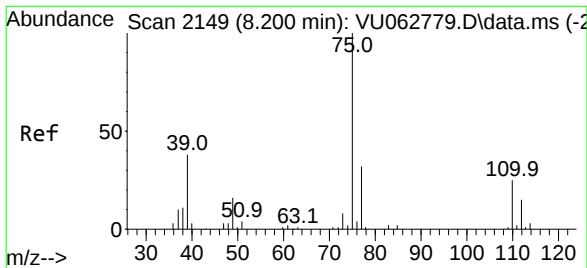
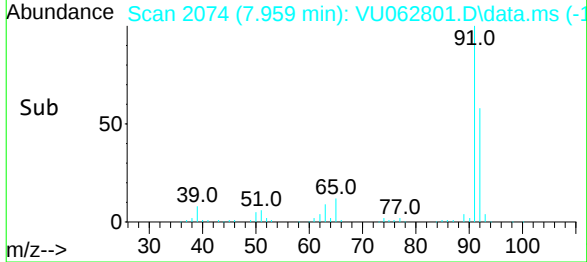
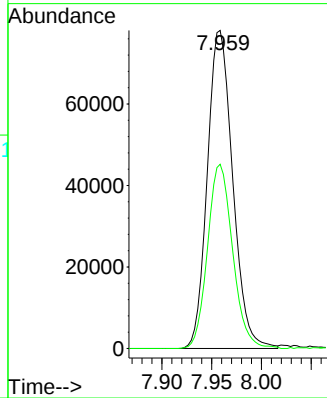


#42
Toluene
Concen: 4.808 ug/L
RT: 7.959 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VU062801.D
Acq: 16 Jan 2025 06:08

Instrument :
MSVOA_U
ClientSampleId :
GCQ77MS

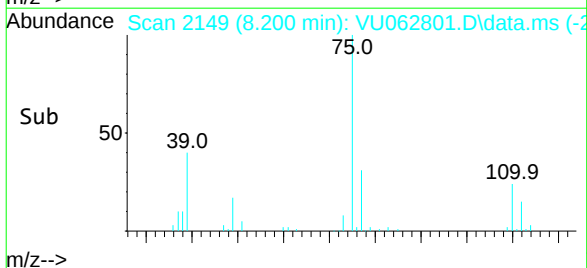
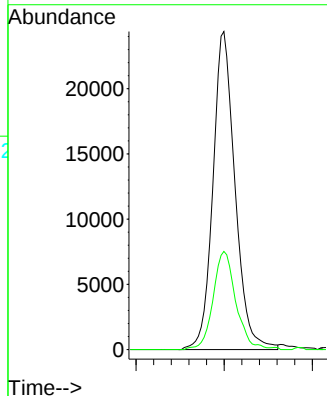
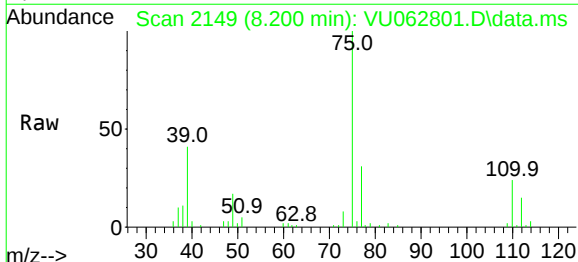


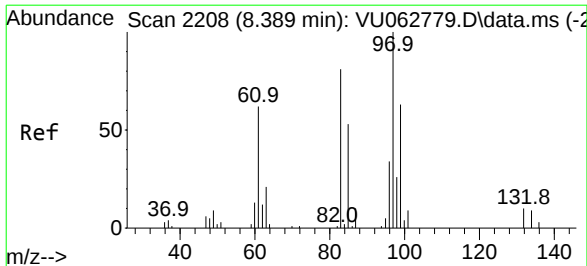
Tgt Ion: 91 Resp: 138502
Ion Ratio Lower Upper
91 100
92 57.9 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 4.667 ug/L
RT: 8.200 min Scan# 2149
Delta R.T. -0.000 min
Lab File: VU062801.D
Acq: 16 Jan 2025 06:08

Tgt Ion: 75 Resp: 42479
Ion Ratio Lower Upper
75 100
77 30.9 21.8 40.6

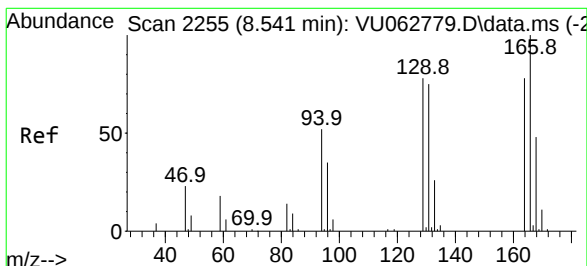
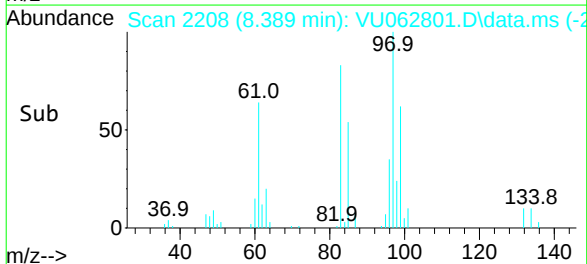
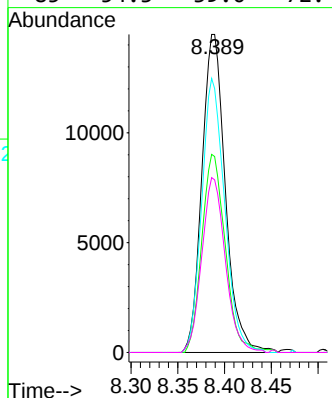
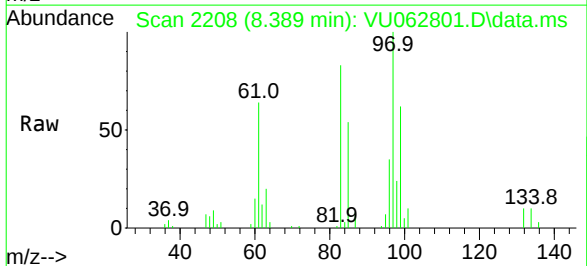




#45
1,1,2-Trichloroethane
Concen: 5.032 ug/L
RT: 8.389 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VU062801.D
Acq: 16 Jan 2025 06:08

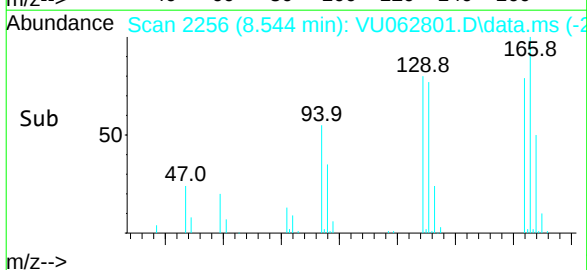
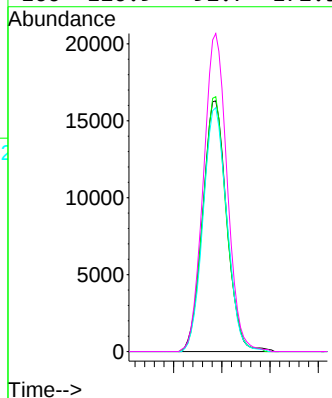
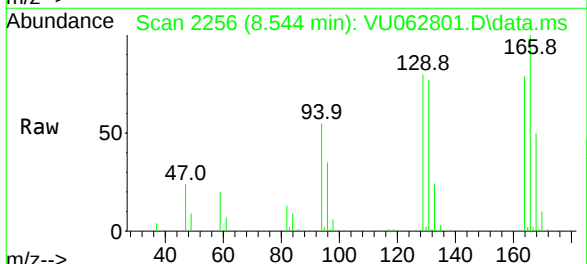
Instrument :
MSVOA_U
ClientSampleId :
GCQ77MS

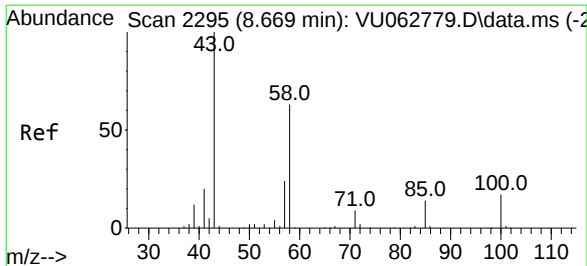
Tgt Ion:	97	Resp:	25344
Ion	Ratio	Lower	Upper
97	100		
99	61.6	45.6	84.6
83	83.0	63.0	117.0
85	54.3	39.0	72.4



#47
Tetrachloroethene
Concen: 4.572 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.003 min
Lab File: VU062801.D
Acq: 16 Jan 2025 06:08

Tgt Ion:	164	Resp:	28274
Ion	Ratio	Lower	Upper
164	100		
129	101.7	71.0	131.9
131	97.3	69.4	129.0
166	126.9	92.7	172.3

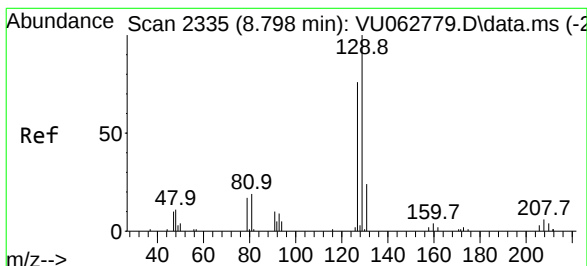
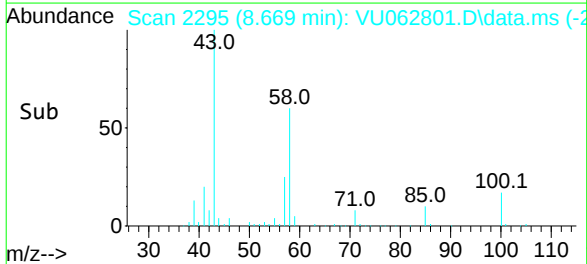
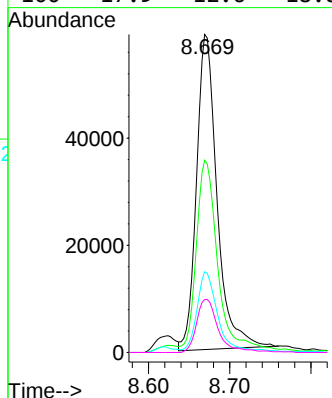
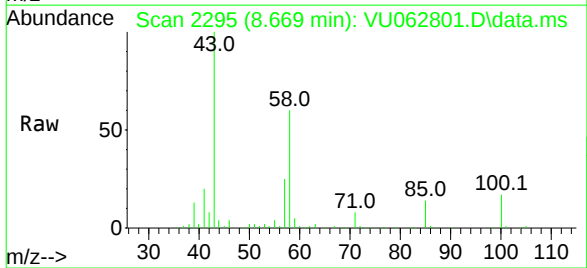




#48
2-Hexanone
Concen: 49.626 ug/L
RT: 8.669 min Scan# 2295
Delta R.T. -0.000 min
Lab File: VU062801.D
Acq: 16 Jan 2025 06:08

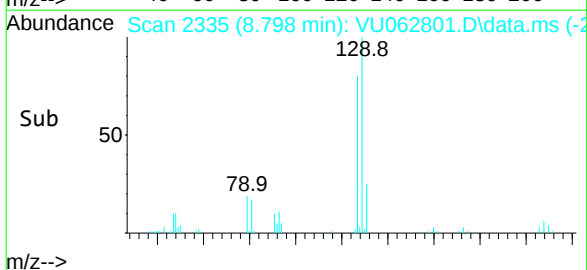
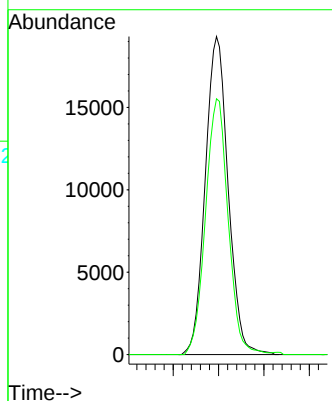
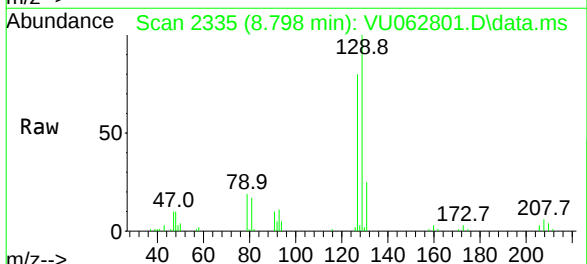
Instrument :
MSVOA_U
ClientSampleId :
GCQ77MS

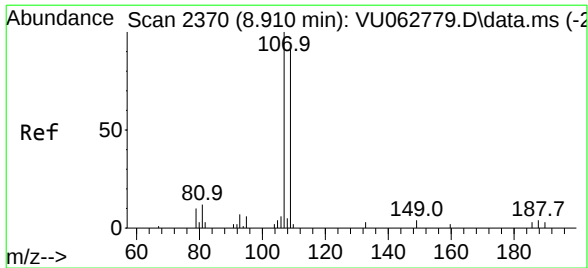
Tgt Ion:	43	Resp:	103344
Ion	Ratio	Lower	Upper
43	100		
58	62.2	50.2	75.4
57	23.9	19.9	29.9
100	17.9	12.6	18.8



#49
Dibromochloromethane
Concen: 5.007 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VU062801.D
Acq: 16 Jan 2025 06:08

Tgt Ion:	129	Resp:	33858
Ion	Ratio	Lower	Upper
129	100		
127	80.4	52.1	96.9

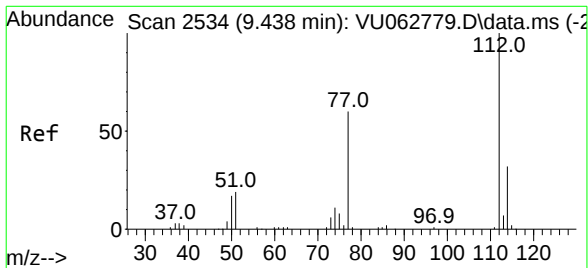
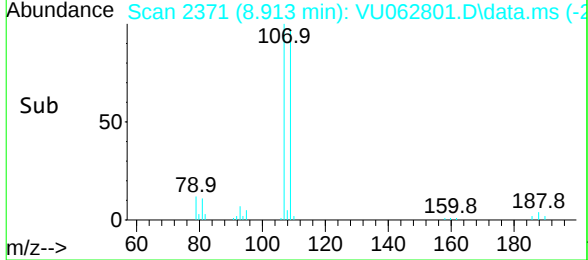
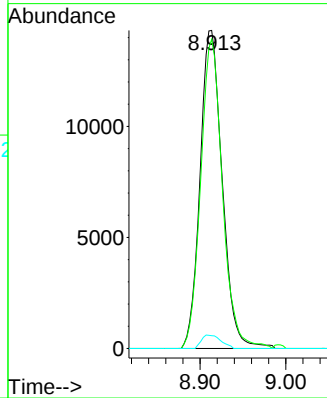
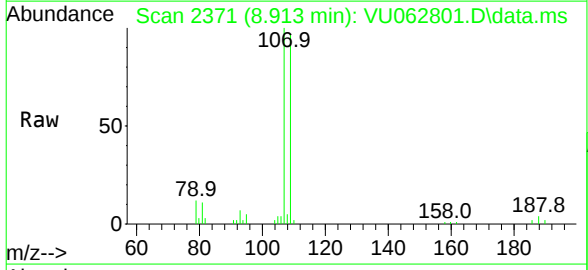




#50
1,2-Dibromoethane
Concen: 5.340 ug/L
RT: 8.913 min Scan# 2370
Delta R.T. 0.003 min
Lab File: VU062801.D
Acq: 16 Jan 2025 06:08

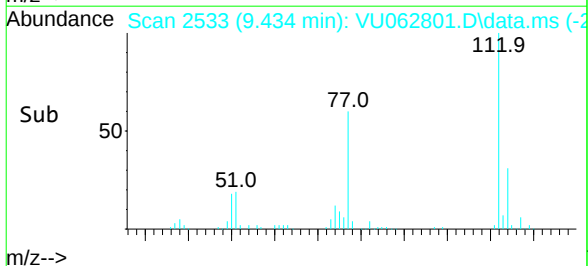
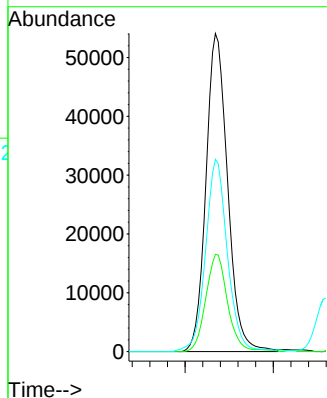
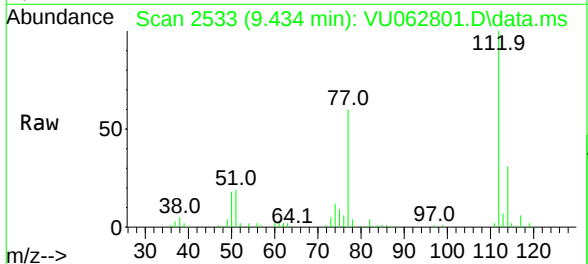
Instrument :
MSVOA_U
ClientSampleId :
GCQ77MS

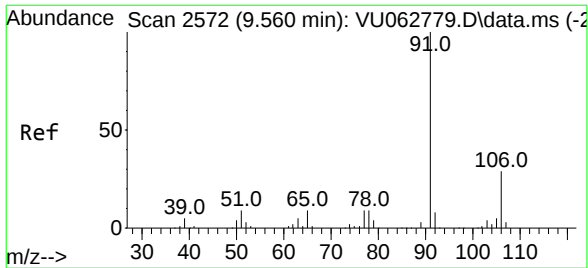
Tgt Ion:107 Resp: 25731
Ion Ratio Lower Upper
107 100
109 97.2 65.7 121.9
188 4.0 3.4 5.2



#51
Chlorobenzene
Concen: 4.896 ug/L
RT: 9.434 min Scan# 2533
Delta R.T. -0.003 min
Lab File: VU062801.D
Acq: 16 Jan 2025 06:08

Tgt Ion:112 Resp: 92217
Ion Ratio Lower Upper
112 100
114 30.6 21.7 40.3
77 60.5 48.6 73.0

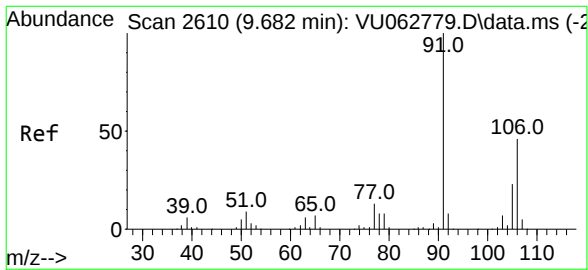
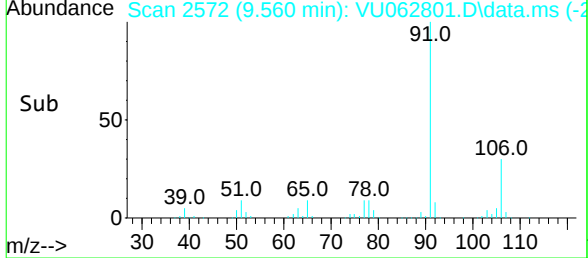
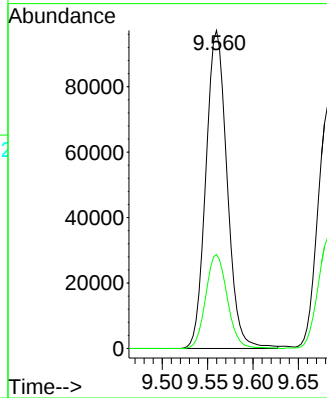
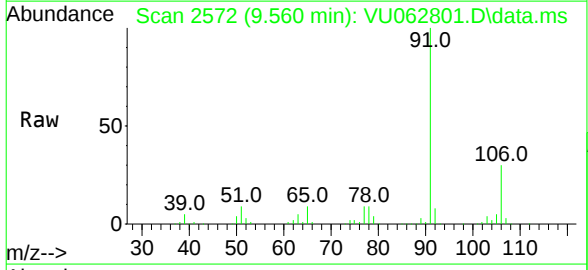




#52
 Ethylbenzene
 Concen: 4.830 ug/L
 RT: 9.560 min Scan# 2572
 Delta R.T. -0.000 min
 Lab File: VU062801.D
 Acq: 16 Jan 2025 06:08

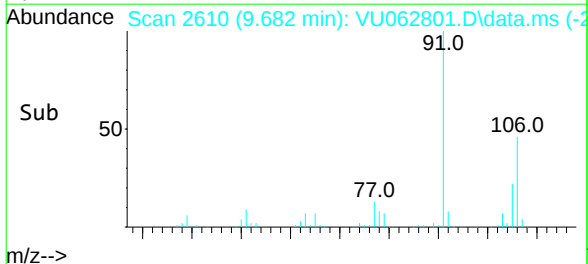
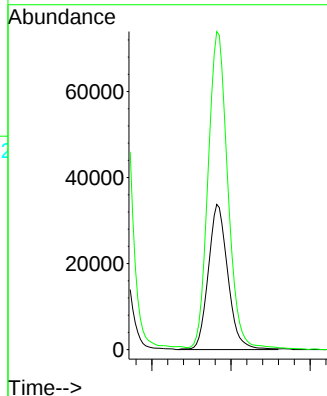
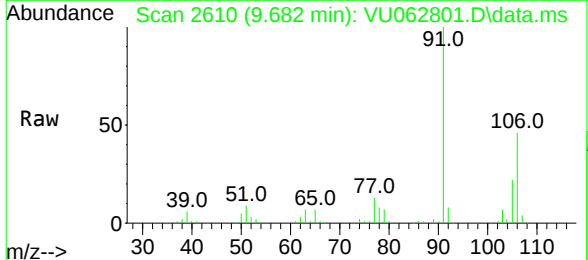
Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ77MS

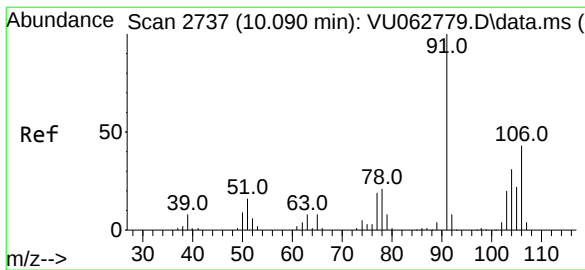
Tgt Ion: 91 Resp: 157867
 Ion Ratio Lower Upper
 91 100
 106 29.5 21.9 40.7



#53
 m,p-Xylene
 Concen: 4.731 ug/L
 RT: 9.682 min Scan# 2610
 Delta R.T. -0.000 min
 Lab File: VU062801.D
 Acq: 16 Jan 2025 06:08

Tgt Ion: 106 Resp: 57837
 Ion Ratio Lower Upper
 106 100
 91 219.0 153.1 284.3





#54

o-Xylene

Concen: 4.834 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. -0.000 min

Lab File: VU062801.D

Acq: 16 Jan 2025 06:08

Instrument :

MSVOA_U

ClientSampleId :

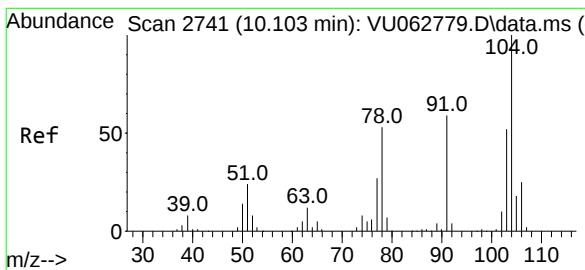
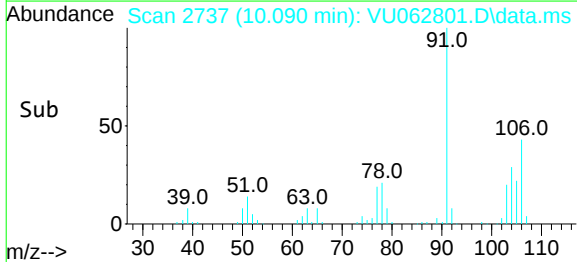
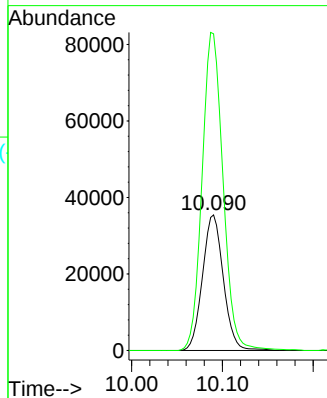
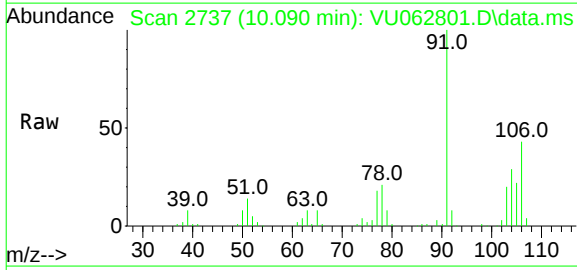
GCQ77MS

Tgt Ion:106 Resp: 56601

Ion Ratio Lower Upper

106 100

91 233.6 160.4 297.8



#55

Styrene

Concen: 4.900 ug/L

RT: 10.103 min Scan# 2741

Delta R.T. -0.000 min

Lab File: VU062801.D

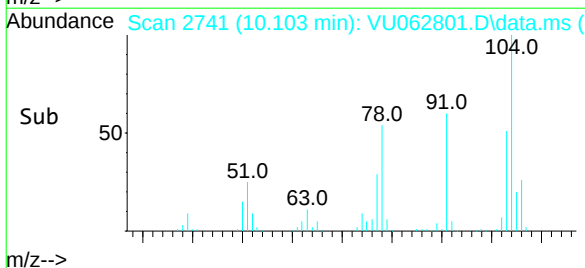
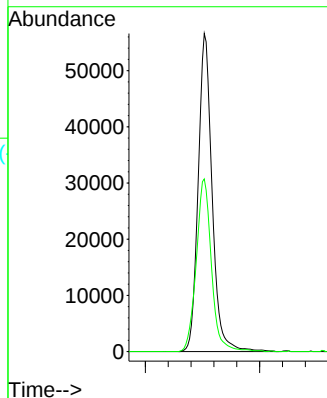
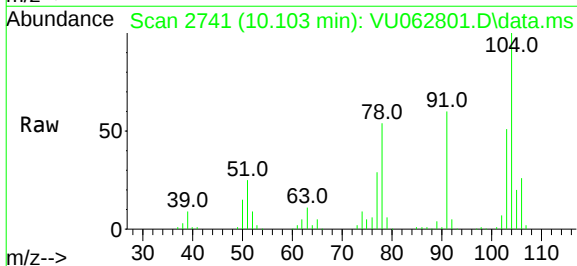
Acq: 16 Jan 2025 06:08

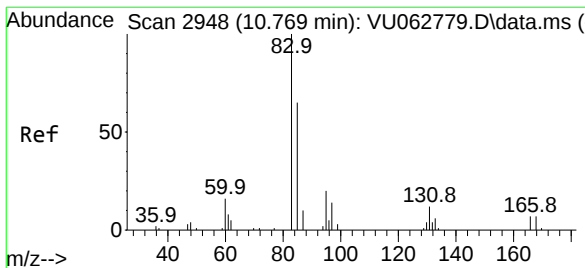
Tgt Ion:104 Resp: 95979

Ion Ratio Lower Upper

104 100

78 54.3 35.5 65.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.342 ug/L

RT: 10.772 min Scan# 29

Delta R.T. 0.003 min

Lab File: VU062801.D

Acq: 16 Jan 2025 06:08

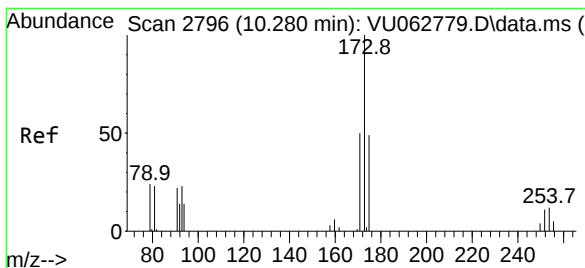
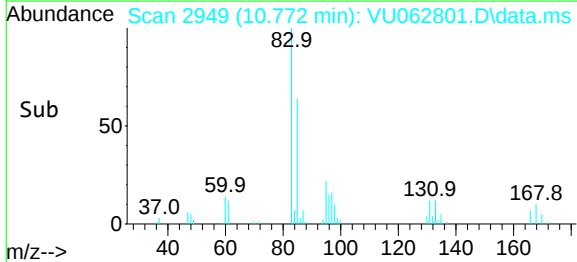
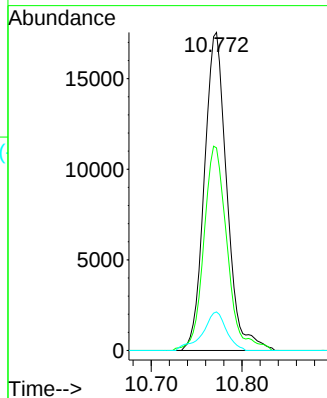
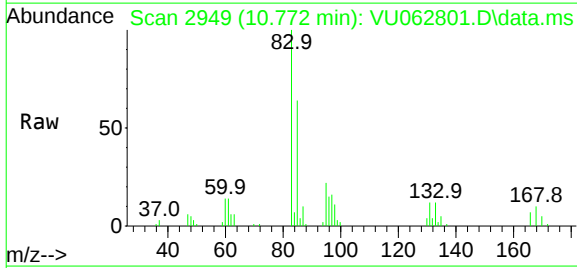
Instrument :

MSVOA_U

ClientSampleId :

GCQ77MS

Tgt Ion: 83	Resp: 30177
Ion Ratio	Lower Upper
83 100	
85 63.7	43.0 79.8
131 12.1	7.4 11.0



#59

Bromoform

Concen: 5.141 ug/L

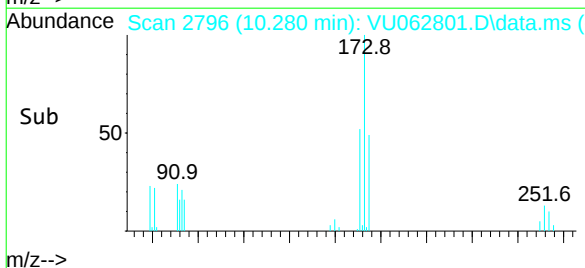
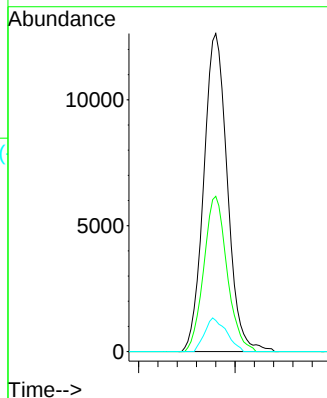
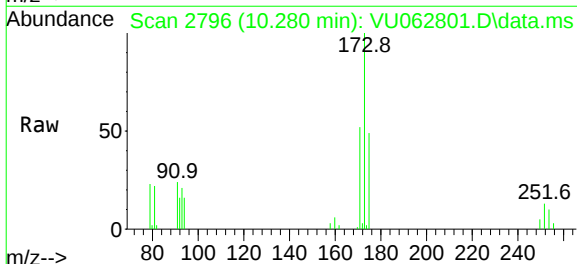
RT: 10.280 min Scan# 2796

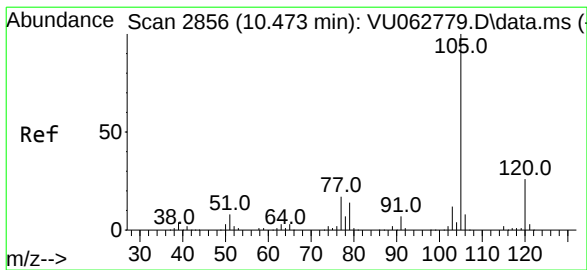
Delta R.T. -0.000 min

Lab File: VU062801.D

Acq: 16 Jan 2025 06:08

Tgt Ion: 173	Resp: 21496
Ion Ratio	Lower Upper
173 100	
175 48.2	39.8 59.8
254 9.7	8.6 12.8





#60

Isopropylbenzene

Concen: 4.828 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. -0.000 min

Lab File: VU062801.D

Acq: 16 Jan 2025 06:08

Instrument :

MSVOA_U

ClientSampleId :

GCQ77MS

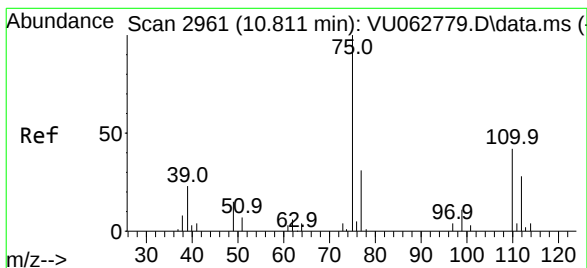
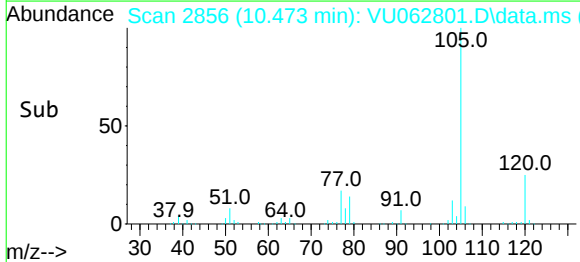
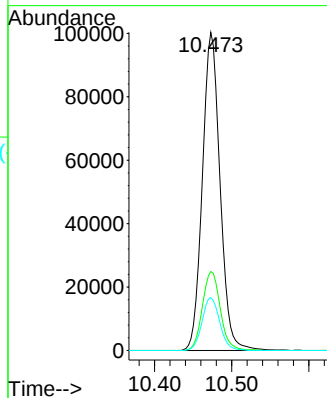
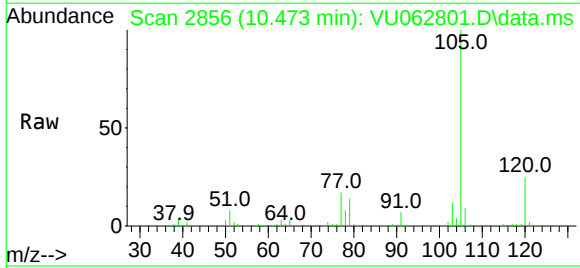
Tgt Ion:105 Resp: 159479

Ion Ratio Lower Upper

105 100

120 25.2 20.2 30.2

77 16.6 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 5.204 ug/L

RT: 10.810 min Scan# 2961

Delta R.T. -0.000 min

Lab File: VU062801.D

Acq: 16 Jan 2025 06:08

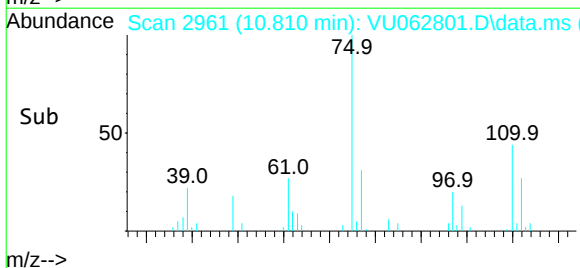
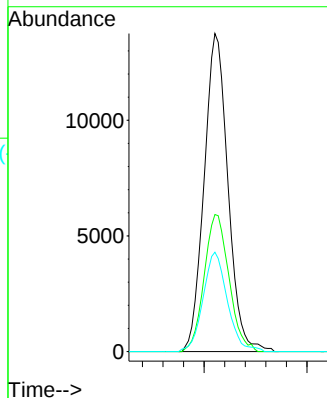
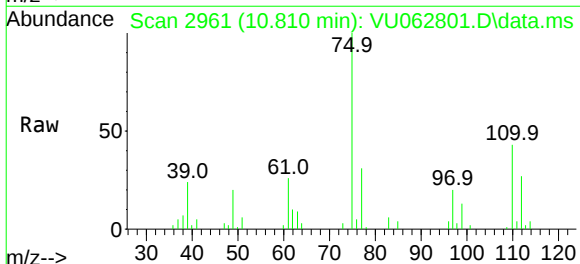
Tgt Ion: 75 Resp: 22125

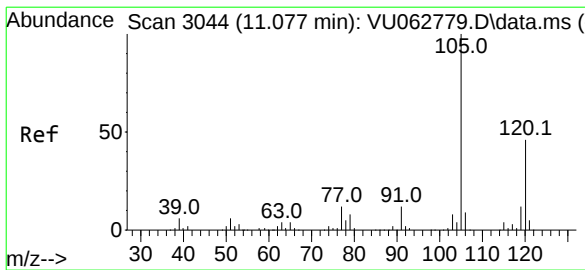
Ion Ratio Lower Upper

75 100

110 44.8 33.2 49.8

77 31.8 25.9 38.9

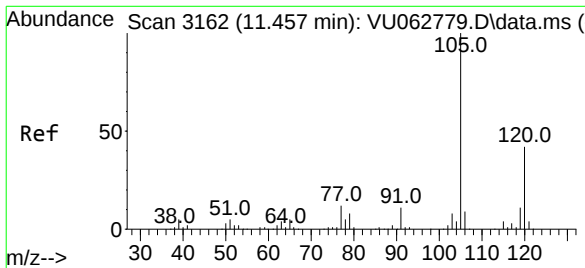
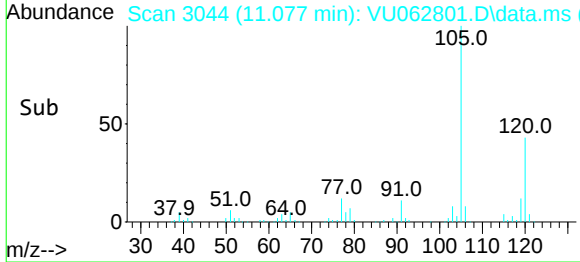
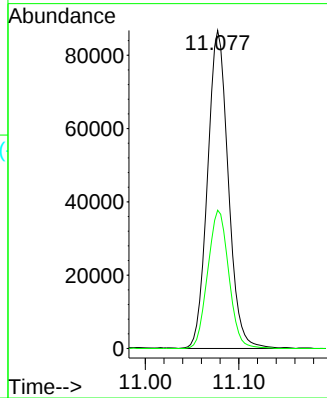
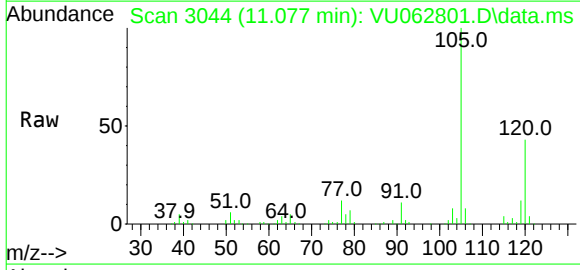




#62
1,3,5-Trimethylbenzene
Concen: 4.762 ug/L
RT: 11.077 min Scan# 3044
Delta R.T. -0.000 min
Lab File: VU062801.D
Acq: 16 Jan 2025 06:08

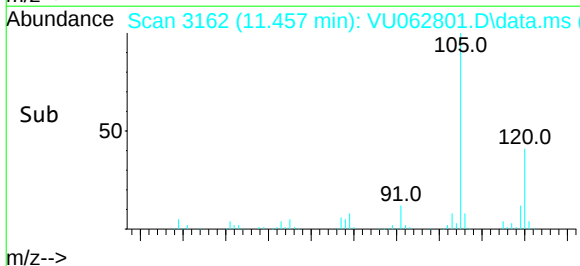
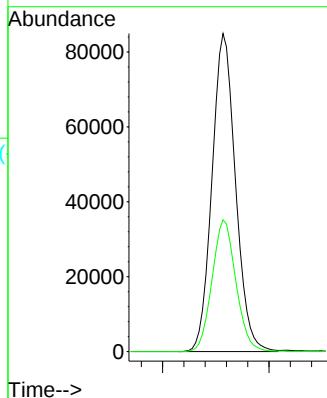
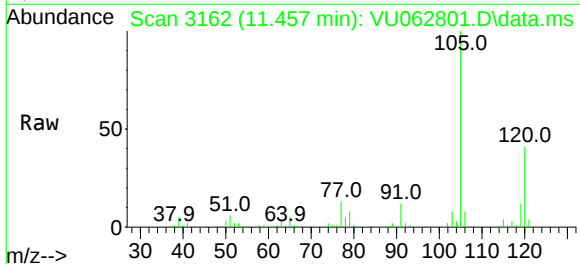
Instrument :
MSVOA_U
ClientSampleId :
GCQ77MS

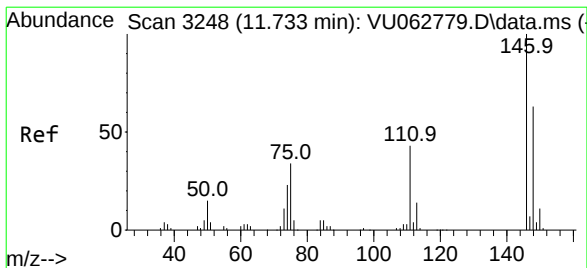
Tgt Ion:105 Resp: 133694
Ion Ratio Lower Upper
105 100
120 44.1 35.9 53.9



#63
1,2,4-Trimethylbenzene
Concen: 4.799 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VU062801.D
Acq: 16 Jan 2025 06:08

Tgt Ion:105 Resp: 130348
Ion Ratio Lower Upper
105 100
120 42.0 34.2 51.2





#64

1,3-Dichlorobenzene

Concen: 4.792 ug/L

RT: 11.736 min Scan# 3248

Delta R.T. 0.003 min

Lab File: VU062801.D

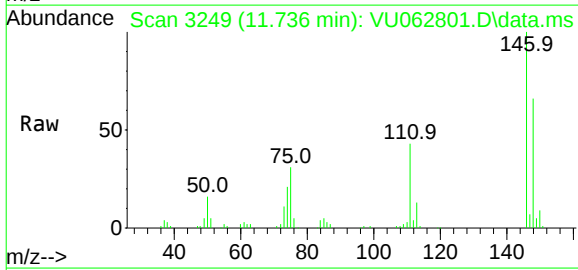
Acq: 16 Jan 2025 06:08

Instrument :

MSVOA_U

ClientSampleId :

GCQ77MS



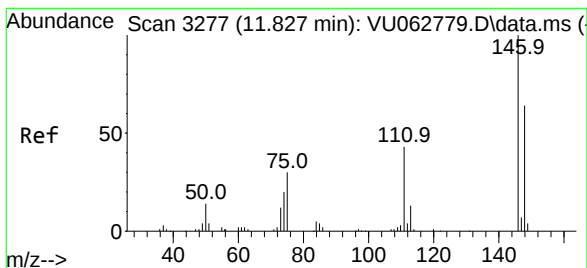
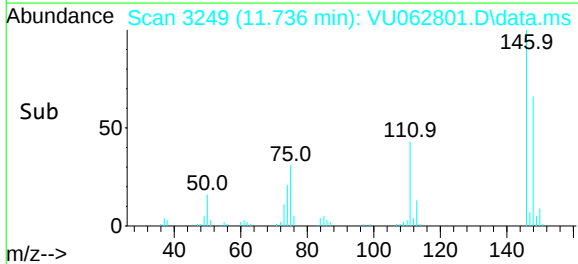
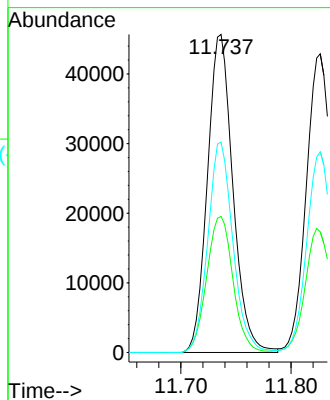
Tgt Ion:146 Resp: 73384

Ion Ratio Lower Upper

146 100

111 42.8 28.6 53.0

148 66.1 44.0 81.6



#65

1,4-Dichlorobenzene

Concen: 4.646 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU062801.D

Acq: 16 Jan 2025 06:08

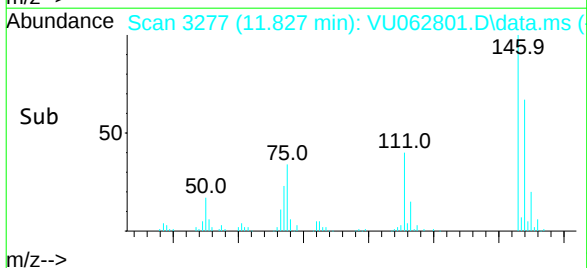
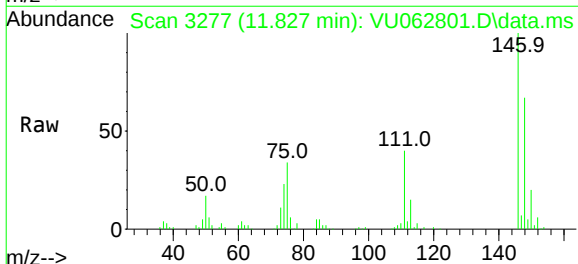
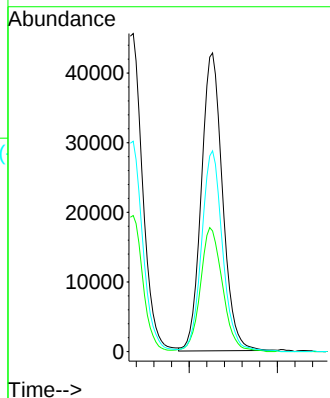
Tgt Ion:146 Resp: 71751

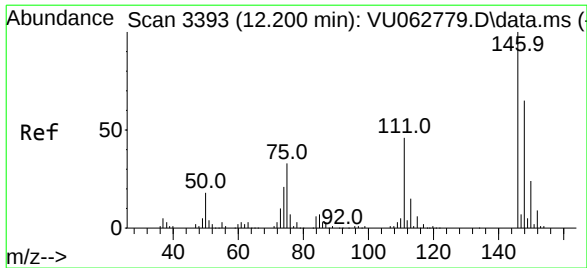
Ion Ratio Lower Upper

146 100

111 40.4 29.5 54.9

148 67.2 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 4.962 ug/L

RT: 12.203 min Scan# 3393

Delta R.T. 0.003 min

Lab File: VU062801.D

Acq: 16 Jan 2025 06:08

Instrument :

MSVOA_U

ClientSampleId :

GCQ77MS

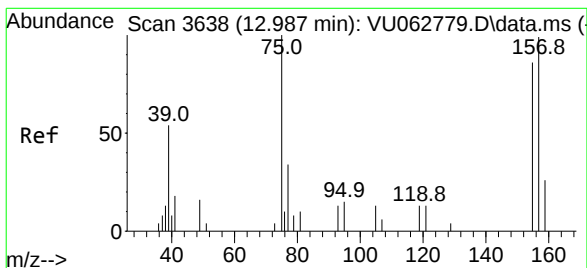
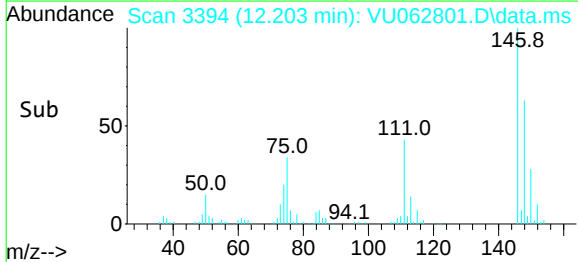
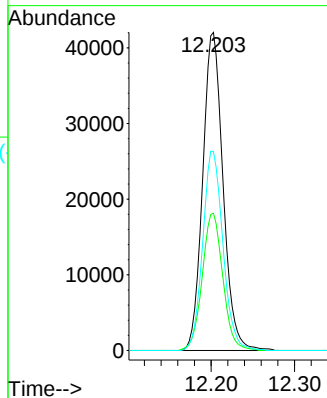
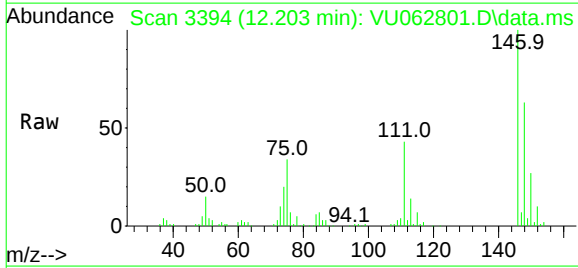
Tgt Ion: 146 Resp: 71215

Ion Ratio Lower Upper

146 100

111 43.2 36.3 54.5

148 62.5 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.844 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU062801.D

Acq: 16 Jan 2025 06:08

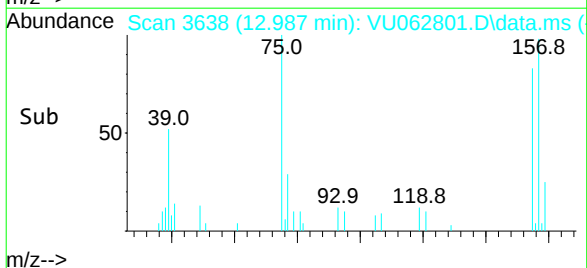
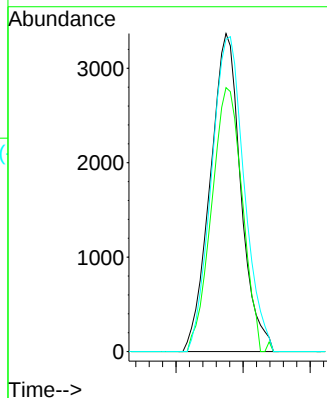
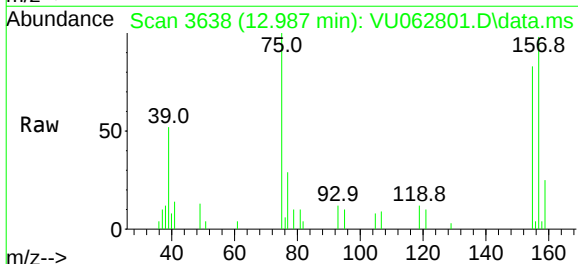
Tgt Ion: 75 Resp: 5335

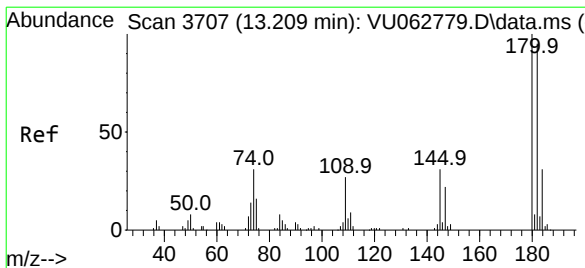
Ion Ratio Lower Upper

75 100

155 83.0 59.6 89.4

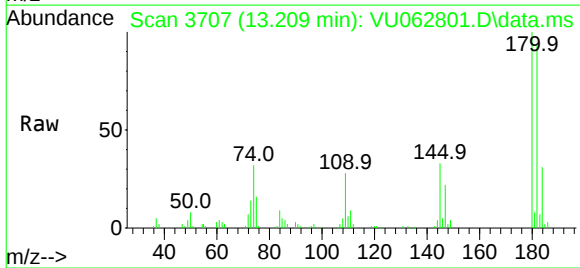
157 98.2 70.8 106.2



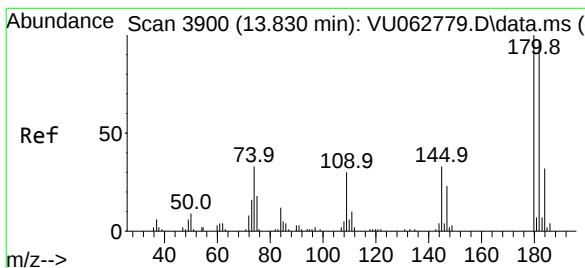
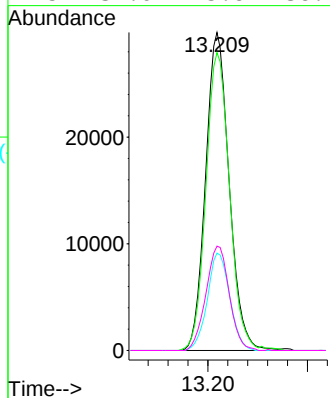
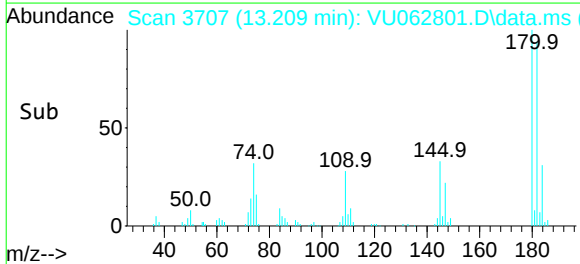


1,3,5-Trichlorobenzene
Concen: 4.239 ug/L
RT: 13.209 min Scan# 3707
Delta R.T. -0.000 min
Lab File: VU062801.D
Acq: 16 Jan 2025 06:08

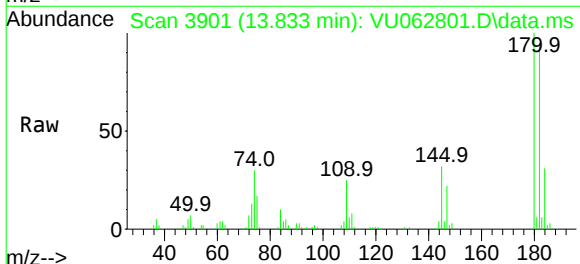
Instrument :
MSVOA_U
ClientSampleId :
GCQ77MS



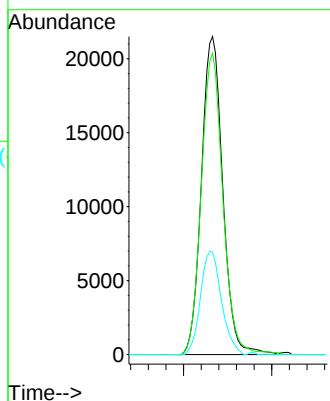
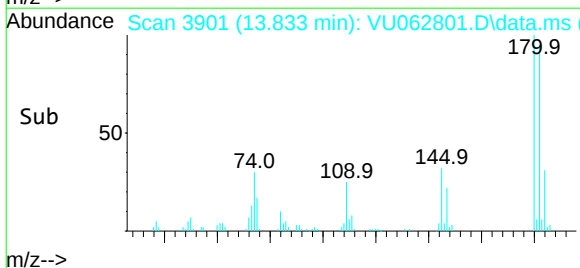
Tgt Ion:	180	Resp:	48897
Ion Ratio	Lower	Upper	
180	100		
182	94.3	75.8	113.8
184	29.2	24.7	37.1
145	32.6	25.8	38.6

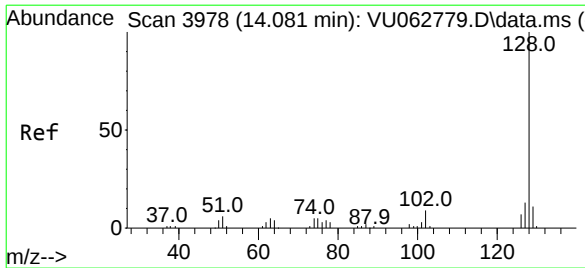


1,2,4-trichlorobenzene
Concen: 3.889 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. 0.003 min
Lab File: VU062801.D
Acq: 16 Jan 2025 06:08



Tgt Ion:	180	Resp:	36125
Ion Ratio	Lower	Upper	
180	100		
182	95.7	77.1	115.7
145	32.0	26.9	40.3





#71

Naphthalene

Concen: 3.456 ug/L

RT: 14.080 min Scan# 39

Delta R.T. -0.000 min

Lab File: VU062801.D

Acq: 16 Jan 2025 06:08

Instrument :

MSVOA_U

ClientSampleId :

GCQ77MS

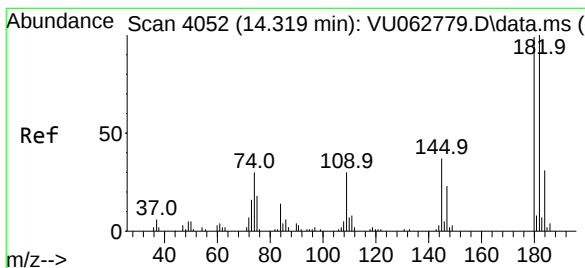
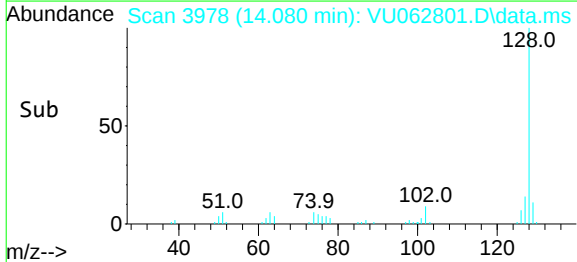
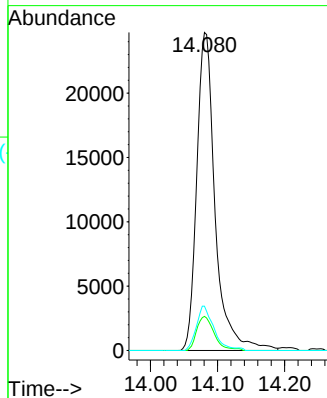
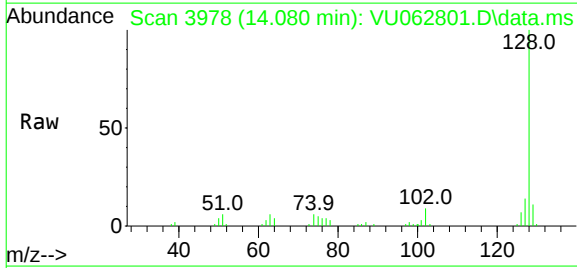
Tgt Ion:128 Resp: 46977

Ion Ratio Lower Upper

128 100

129 10.2 8.5 12.7

127 13.4 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 3.715 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.003 min

Lab File: VU062801.D

Acq: 16 Jan 2025 06:08

Tgt Ion:180 Resp: 30085

Ion Ratio Lower Upper

180 100

182 96.4 79.8 119.6

145 36.1 29.2 43.8

