

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063053.D
 Acq On : 28 Jan 2025 07:21
 Operator : MD/SY
 Sample : Q1195-08MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2959MS

Quant Time: Jan 29 08:21:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 29 08:16:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.236	114	255960	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	147857	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	82522	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	25458	2.767	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.400%
7) Chloroethane-d5	1.905	69	22946	3.284	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.600%
11) 1,1-Dichloroethene-d2	2.554	65	14534	2.641	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.800%#
20) 2-Butanone-d5	4.612	46	180099	67.440	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.880%#
24) Chloroform-d	5.049	84	143678	3.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
26) 1,2-Dichloroethane-d4	5.689	65	91979	4.408	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.711	84	315837	9.348	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	187.000%#
36) 1,2-Dichloropropane-d6	6.676	67	56253	6.539	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	130.800%
41) Toluene-d8	7.885	98	121259	3.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.600%
43) trans-1,3-Dichloroprop...	8.168	79	20952	3.934	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.621	63	83002	62.460	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.920%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	60724	7.434	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	148.600%#
66) 1,2-Dichlorobenzene-d4	12.181	152	79217	5.363	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.380	85	73496	3.205	ug/L	98
3) Chloromethane	1.515	50	38306	3.473	ug/L	97
5) Vinyl chloride	1.596	62	37824	3.072	ug/L	84
6) Bromomethane	1.850	94	11825	2.007	ug/L	93
8) Chloroethane	1.924	64	22735	3.657	ug/L	94
9) Trichlorofluoromethane	2.130	101	83709	2.689	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	42692	2.787	ug/L	98
12) 1,1-Dichloroethene	2.570	96	37788	2.842	ug/L	91
13) Acetone	2.631	43	57046	33.036	ug/L	99
14) Carbon disulfide	2.782	76	185514	5.446	ug/L	100
15) Methyl Acetate	2.943	43	31259	9.426	ug/L #	88
16) Methylene chloride	3.033	84	95568	6.818	ug/L	83
17) Methyl tert-butyl Ether	3.348	73	242901	6.099	ug/L #	95
18) trans-1,2-Dichloroethene	3.339	96	86842	6.103	ug/L	92
19) 1,1-Dichloroethane	3.853	63	140492	5.696	ug/L	97
21) 2-Butanone	4.695	43	115104	48.874	ug/L	97
22) cis-1,2-Dichloroethene	4.650	96	83560	4.914	ug/L	92
23) Bromochloromethane	4.959	128	29629	3.472	ug/L #	82
25) Chloroform	5.075	83	148473	4.166	ug/L	99

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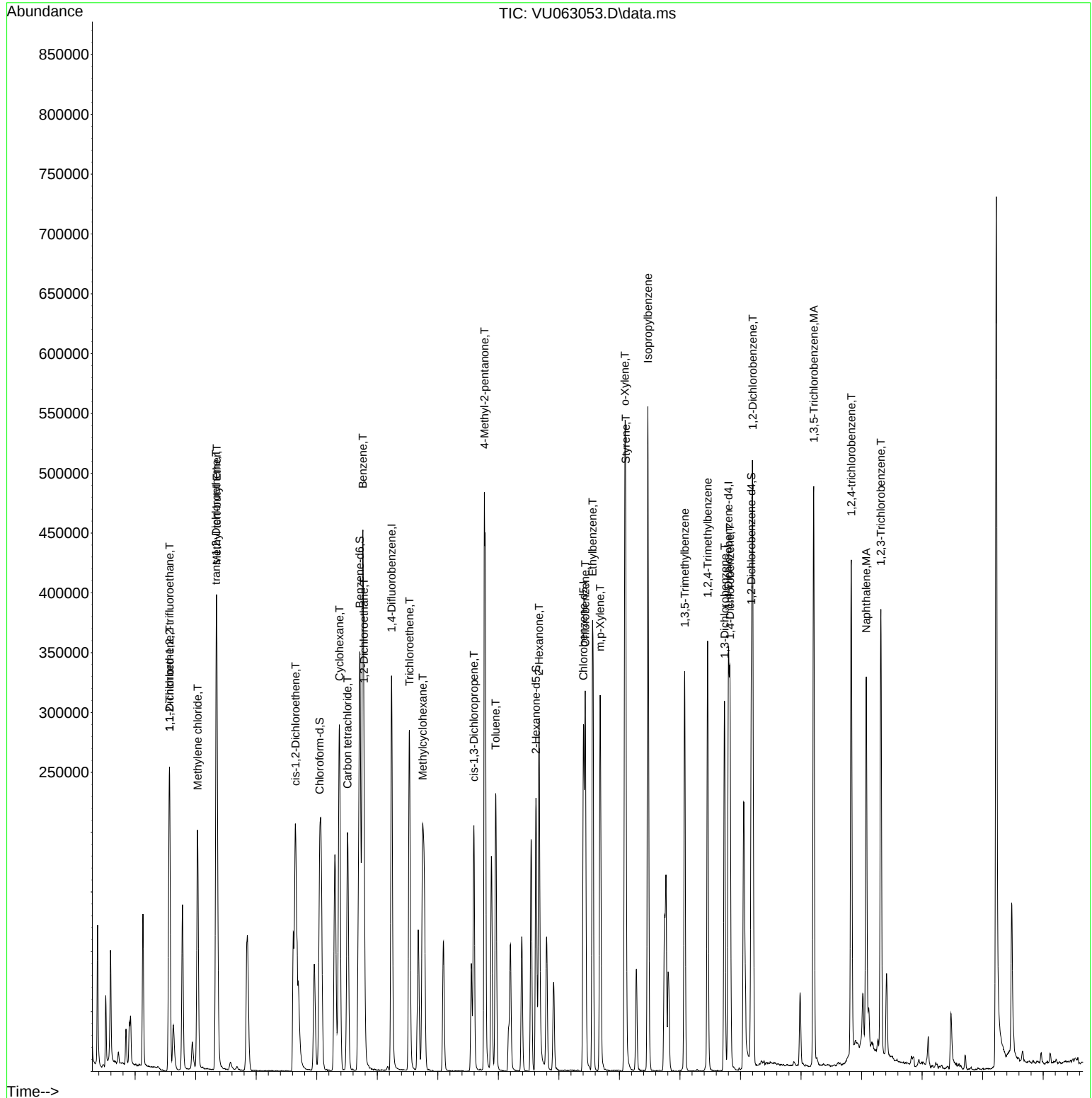
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	121965	4.883	ug/L	96
29) 1,1,1-Trichloroethane	5.300	97	140411	6.124	ug/L	97
30) Cyclohexane	5.374	56	149320	13.982	ug/L	89
31) Carbon tetrachloride	5.509	117	138464	6.273	ug/L	97
33) Benzene	5.760	78	391780	10.937	ug/L	100
34) Trichloroethene	6.531	95	102411	8.413	ug/L	92
35) Methylcyclohexane	6.750	83	81776	5.332	ug/L	98
37) 1,2-Dichloropropane	6.776	63	55280	6.862	ug/L	100
38) Bromodichloromethane	7.094	83	72633	4.499	ug/L	98
39) cis-1,3-Dichloropropene	7.596	75	119825	7.900	ug/L	100
40) 4-Methyl-2-pentanone	7.769	43	332198	85.473	ug/L	98
42) Toluene	7.956	91	172659	4.055	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	61926	4.432	ug/L	98
45) 1,1,2-Trichloroethane	8.387	97	35355	4.663	ug/L	93
47) Tetrachloroethene	8.544	164	41990	3.966	ug/L	95
48) 2-Hexanone	8.673	43	173836	64.484	ug/L	97
49) Dibromochloromethane	8.798	129	58769	4.967	ug/L	99
50) 1,2-Dibromoethane	8.914	107	50854	6.639	ug/L #	97
51) Chlorobenzene	9.435	112	162504	5.504	ug/L	97
52) Ethylbenzene	9.557	91	290601	5.856	ug/L	98
53) m,p-Xylene	9.682	106	87758	4.580	ug/L	96
54) o-Xylene	10.091	106	96611	5.503	ug/L	97
55) Styrene	10.104	104	167407	5.640	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.769	83	71965	8.483	ug/L	97
59) Bromoform	10.280	173	38647	4.928	ug/L	97
60) Isopropylbenzene	10.470	105	341626	6.533	ug/L	99
61) 1,2,3-Trichloropropane	10.804	75	37316	5.619	ug/L	99
62) 1,3,5-Trimethylbenzene	11.078	105	184384	4.022	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	201227	4.641	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	128313	4.833	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	128482	4.824	ug/L	100
67) 1,2-Dichlorobenzene	12.200	146	149496	5.985	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.984	75	17477	9.952	ug/L	95
69) 1,3,5-Trichlorobenzene	13.210	180	140598	6.629	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	118307	7.128	ug/L	99
71) Naphthalene	14.078	128	244675	11.488	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	106224	7.407	ug/L	96

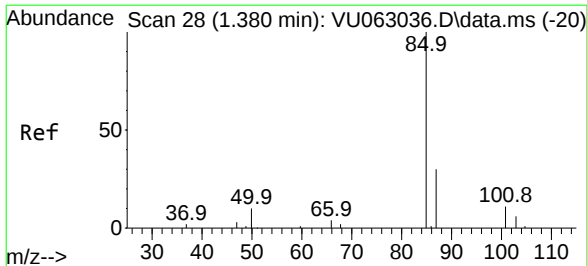
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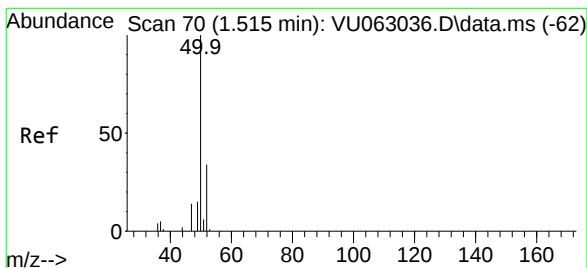
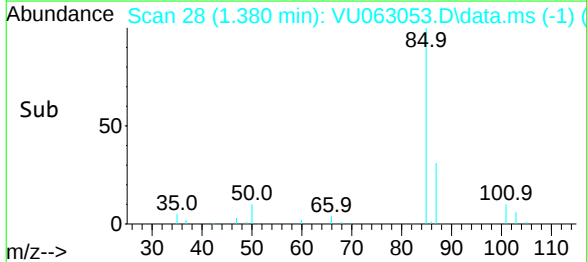
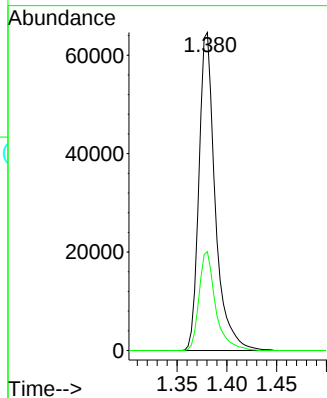
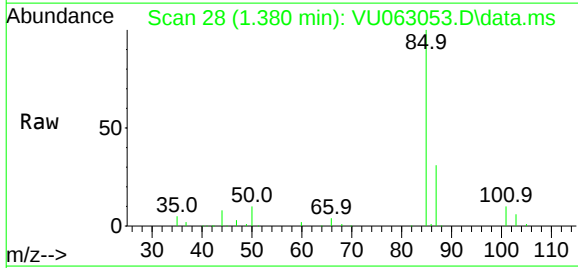




#2
Dichlorodifluoromethane
Concen: 3.205 ug/L
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063053.D
Acq: 28 Jan 2025 07:21

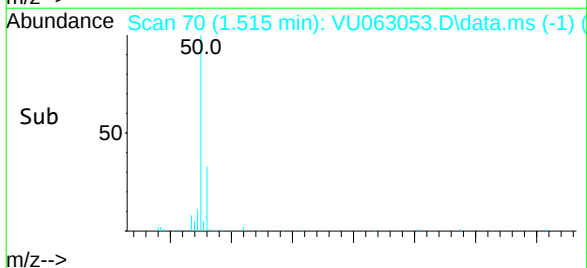
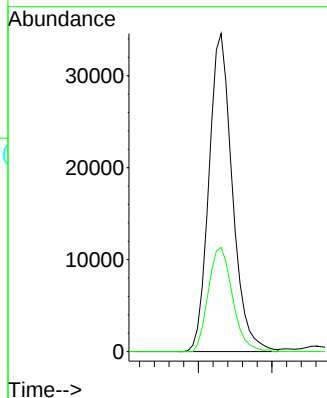
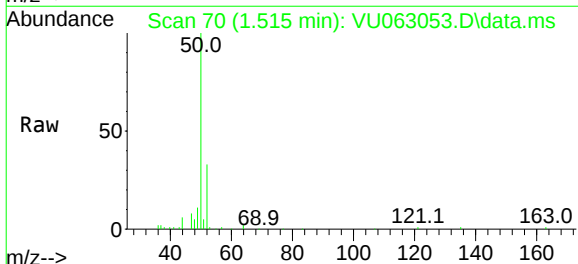
Instrument :
MSVOA_U
ClientSampleId :
E2959MS

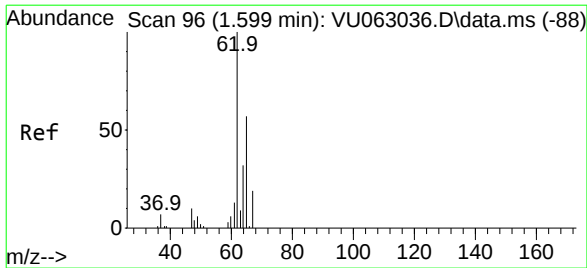
Tgt Ion: 85 Resp: 73496
Ion Ratio Lower Upper
85 100
87 31.5 26.1 39.1



#3
Chloromethane
Concen: 3.473 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU063053.D
Acq: 28 Jan 2025 07:21

Tgt Ion: 50 Resp: 38306
Ion Ratio Lower Upper
50 100
52 32.8 24.1 44.7

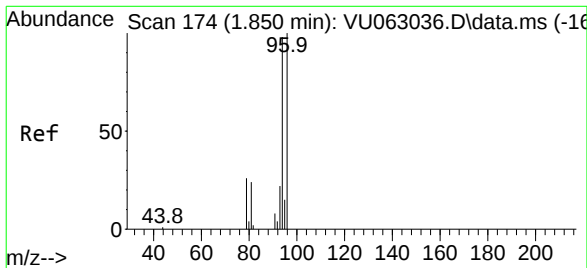
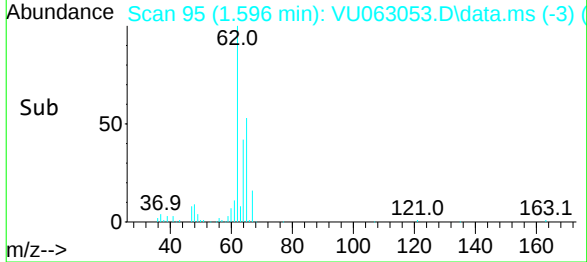
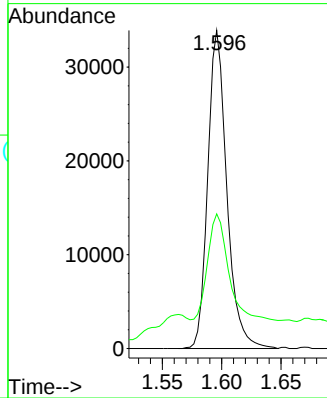
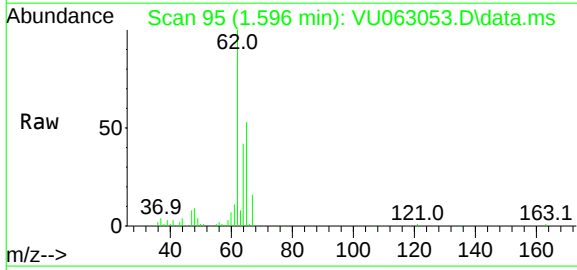




#5
 Vinyl chloride
 Concen: 3.072 ug/L
 RT: 1.596 min Scan# 95
 Delta R.T. -0.003 min
 Lab File: VU063053.D
 Acq: 28 Jan 2025 07:21

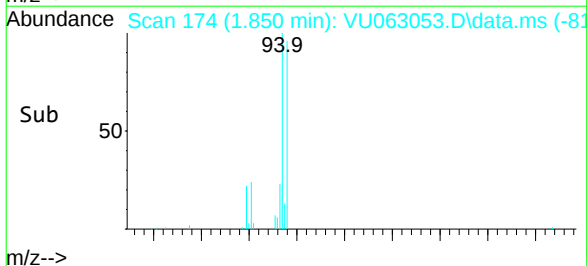
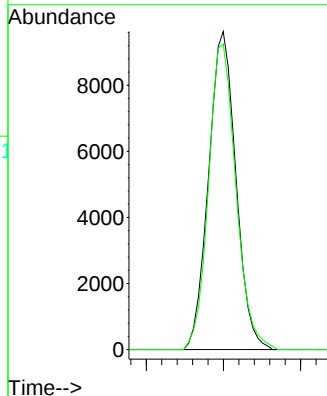
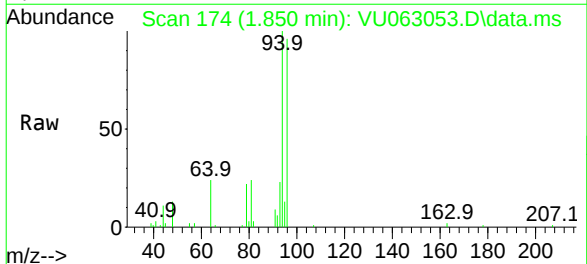
Instrument :
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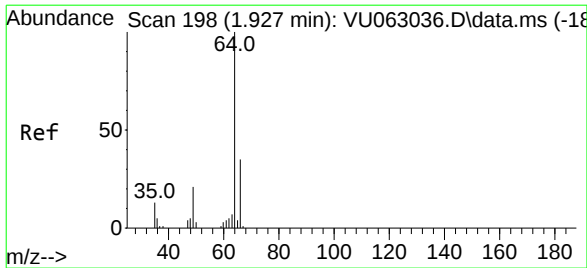
Tgt Ion: 62 Resp: 37824
 Ion Ratio Lower Upper
 62 100
 64 42.3 23.4 43.4



#6
 Bromomethane
 Concen: 2.007 ug/L
 RT: 1.850 min Scan# 174
 Delta R.T. 0.000 min
 Lab File: VU063053.D
 Acq: 28 Jan 2025 07:21

Tgt Ion: 94 Resp: 11825
 Ion Ratio Lower Upper
 94 100
 96 96.1 62.9 116.7

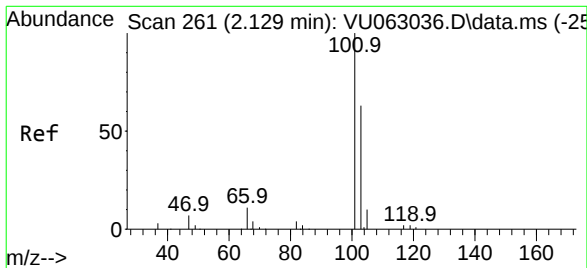
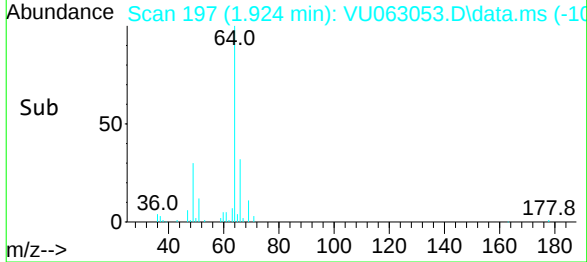
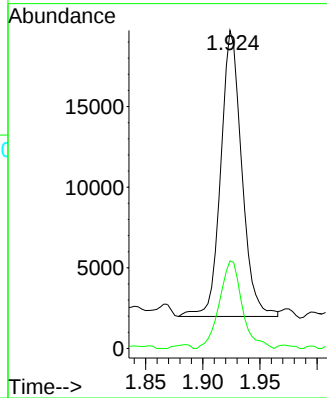
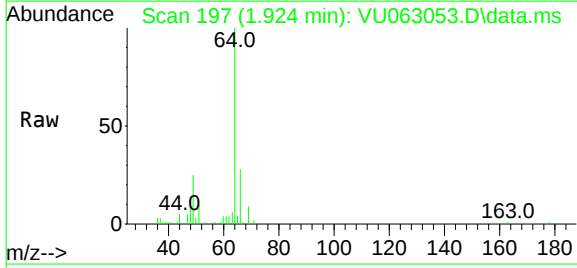




#8
Chloroethane
Concen: 3.657 ug/L
RT: 1.924 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU063053.D
Acq: 28 Jan 2025 07:21

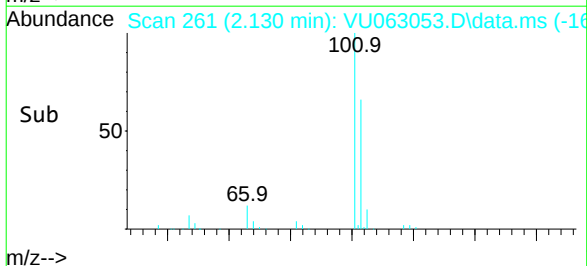
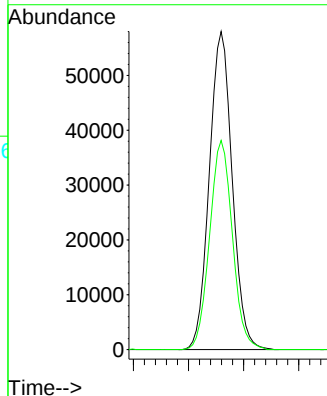
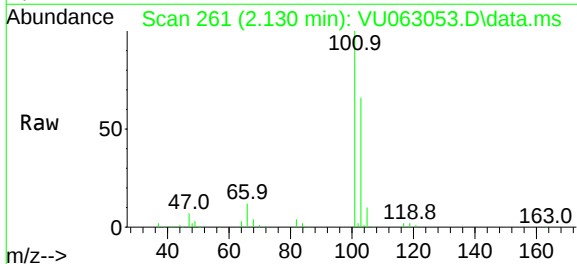
Instrument :
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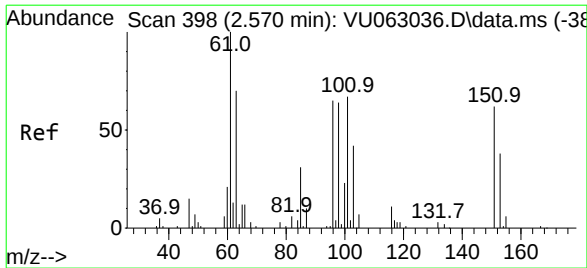
Tgt Ion: 64 Resp: 22735
Ion Ratio Lower Upper
64 100
66 27.6 21.6 40.2



#9
Trichlorofluoromethane
Concen: 2.689 ug/L
RT: 2.130 min Scan# 261
Delta R.T. 0.000 min
Lab File: VU063053.D
Acq: 28 Jan 2025 07:21

Tgt Ion: 101 Resp: 83709
Ion Ratio Lower Upper
101 100
103 65.5 51.4 77.0

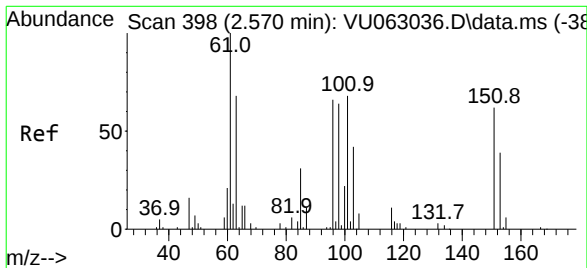
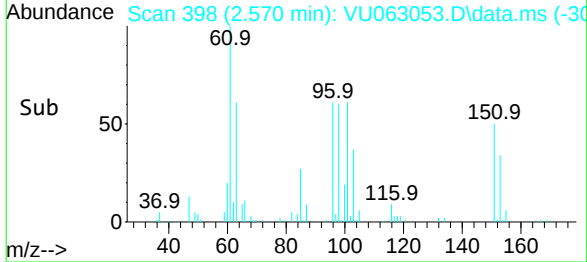
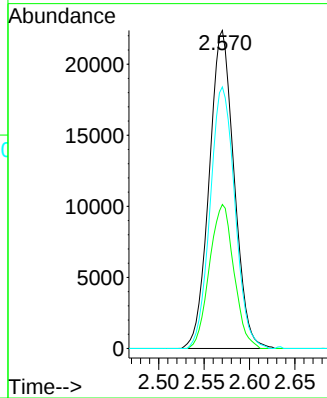
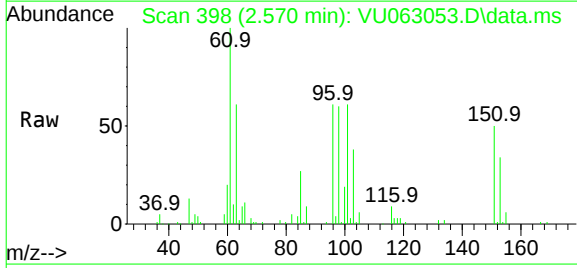




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.787 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU063053.D
Acq: 28 Jan 2025 07:21

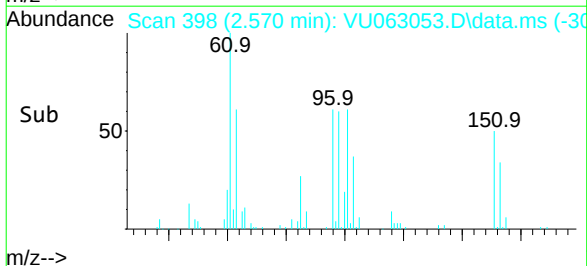
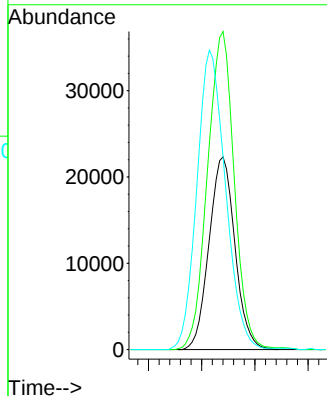
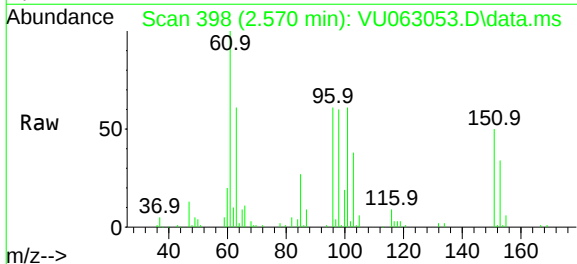
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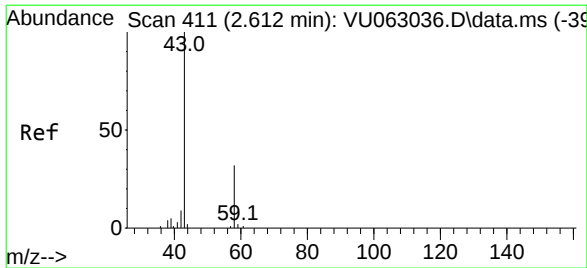
Tgt Ion: 101 Resp: 42692
Ion Ratio Lower Upper
101 100
85 44.5 37.0 55.6
151 81.8 64.4 96.6



#12
1,1-Dichloroethene
Concen: 2.842 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU063053.D
Acq: 28 Jan 2025 07:21

Tgt Ion: 96 Resp: 37788
Ion Ratio Lower Upper
96 100
61 165.0 120.4 223.6
63 100.2 82.3 152.9





#13

Acetone

Concen: 33.036 ug/L

RT: 2.631 min Scan# 411

Delta R.T. 0.020 min

Lab File: VU063053.D

Acq: 28 Jan 2025 07:21

Instrument :

MSVOA_U

ClientSampleId :

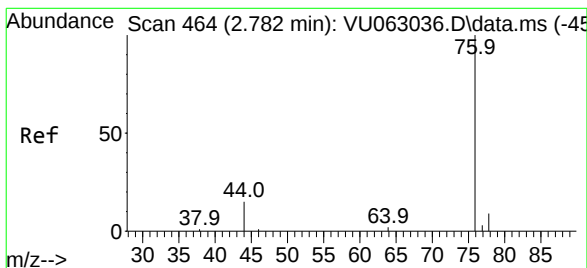
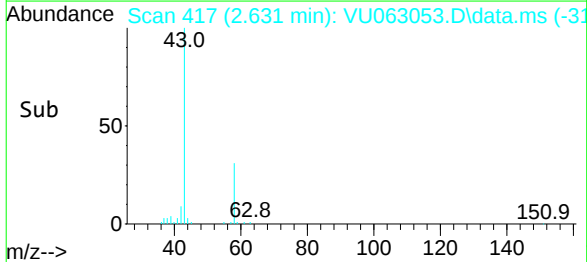
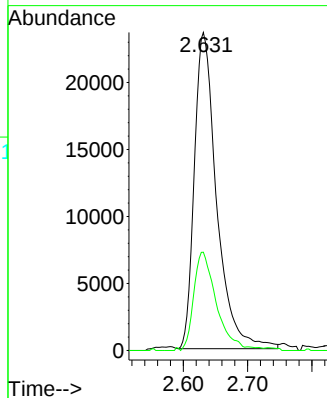
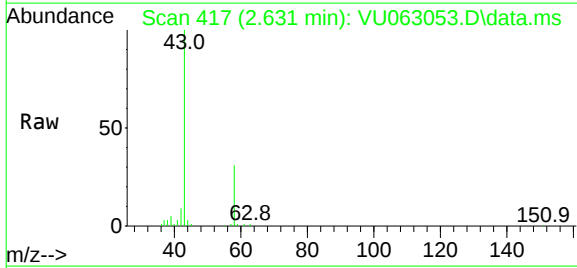
E2959MS

Tgt Ion: 43 Resp: 57046

Ion Ratio Lower Upper

43 100

58 31.6 0.0 64.4



#14

Carbon disulfide

Concen: 5.446 ug/L

RT: 2.782 min Scan# 464

Delta R.T. 0.000 min

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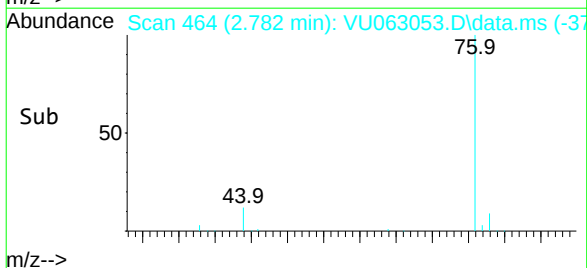
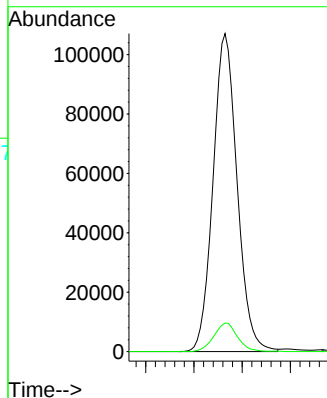
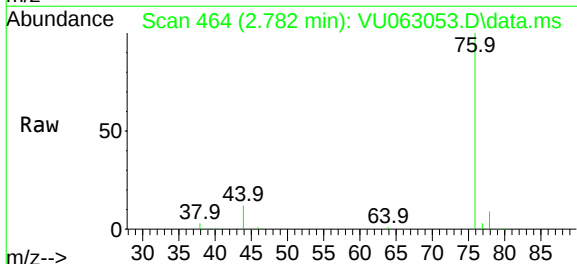
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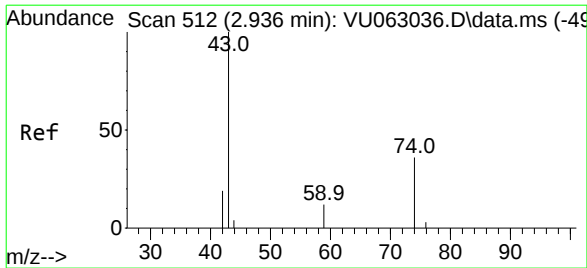
Tgt Ion: 76 Resp: 185514

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6

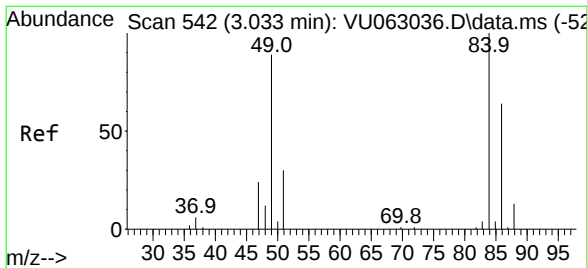
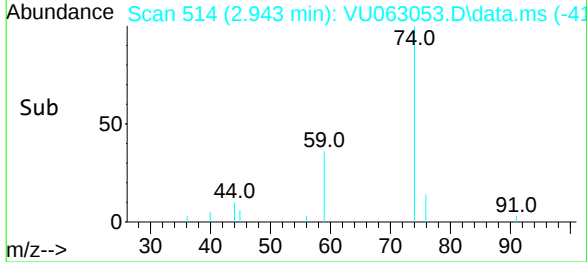
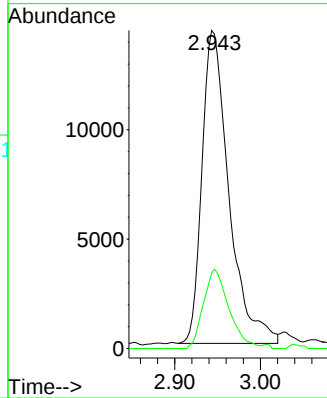
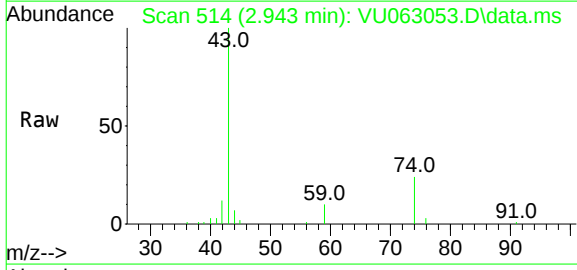




#15
Methyl Acetate
Concen: 9.426 ug/L
RT: 2.943 min Scan# 512
Delta R.T. 0.007 min
Lab File: VU063053.D
Acq: 28 Jan 2025 07:21

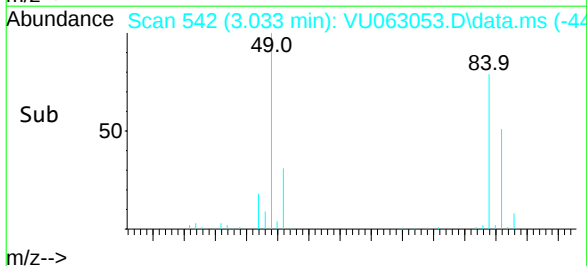
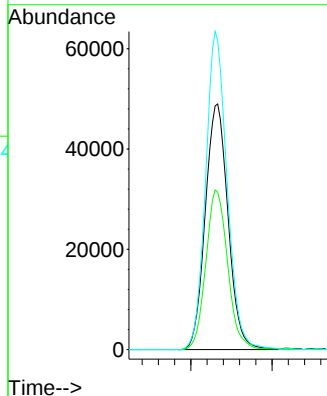
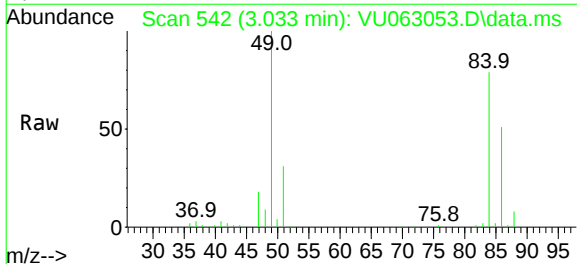
Instrument :
MSVOA_U
ClientSampleId :
E2959MS

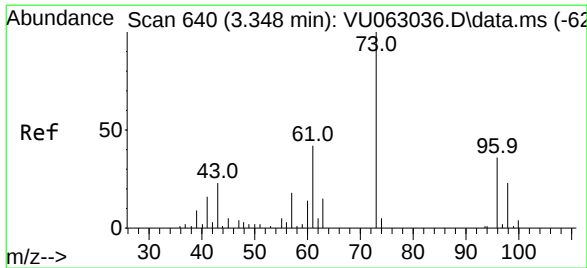
Tgt Ion: 43 Resp: 31259
Ion Ratio Lower Upper
43 100
74 23.8 24.4 36.6#



#16
Methylene chloride
Concen: 6.818 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.000 min
Lab File: VU063053.D
Acq: 28 Jan 2025 07:21

Tgt Ion: 84 Resp: 95568
Ion Ratio Lower Upper
84 100
86 64.1 44.7 83.1
49 125.9 68.3 126.9

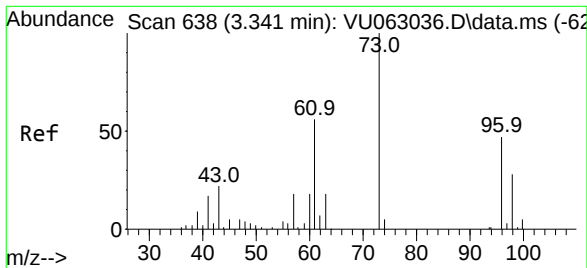
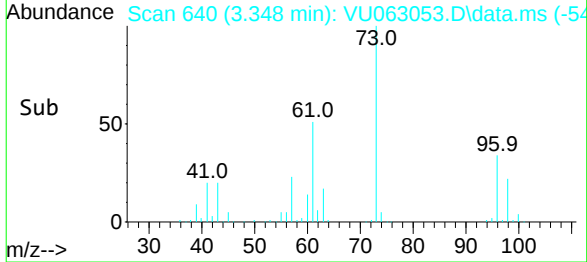
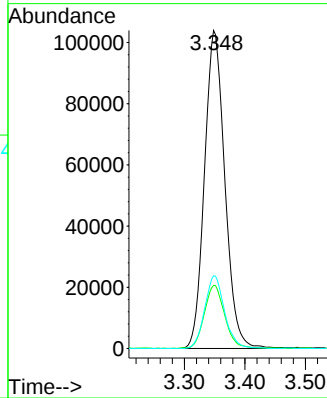
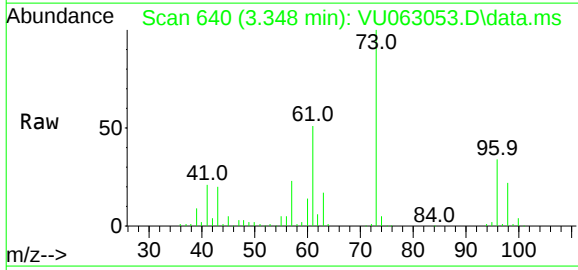




#17
Methyl tert-butyl Ether
Concen: 6.099 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU063053.D
Acq: 28 Jan 2025 07:21

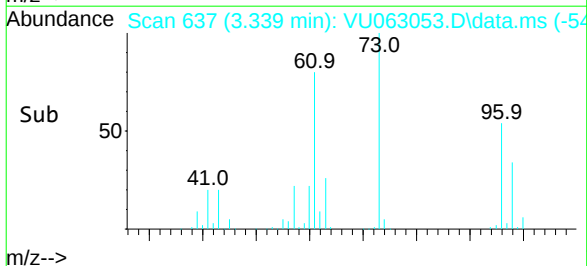
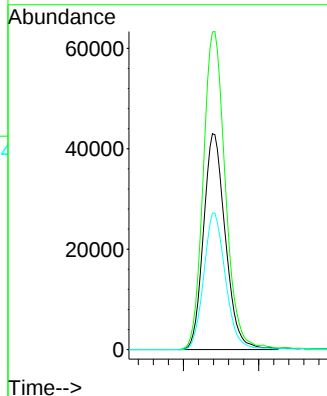
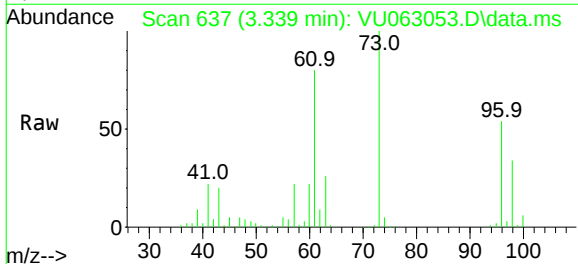
Instrument :
MSVOA_U
ClientSampleId :
E2959MS

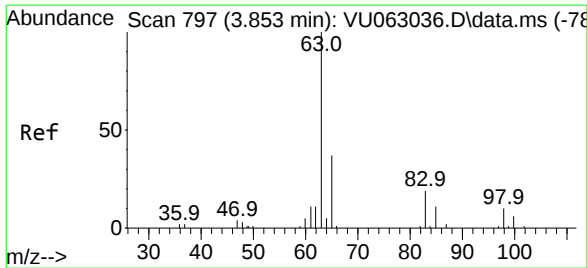
Tgt Ion: 73 Resp: 242901
Ion Ratio Lower Upper
73 100
43 20.0 16.2 24.4
57 22.3 14.6 22.0#



#18
trans-1,2-Dichloroethene
Concen: 6.103 ug/L
RT: 3.339 min Scan# 637
Delta R.T. -0.003 min
Lab File: VU063053.D
Acq: 28 Jan 2025 07:21

Tgt Ion: 96 Resp: 86842
Ion Ratio Lower Upper
96 100
61 147.1 94.4 175.2
98 63.2 42.8 79.4

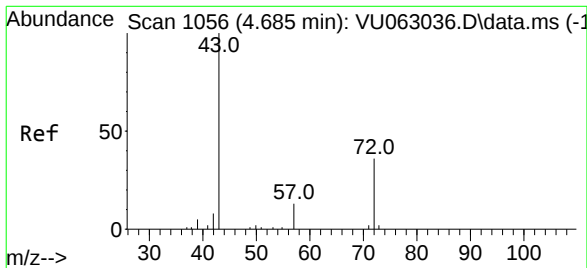
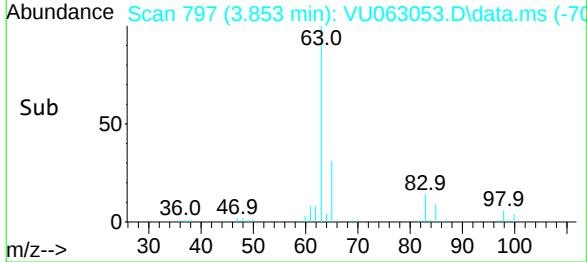
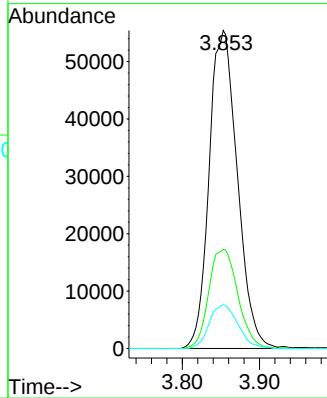
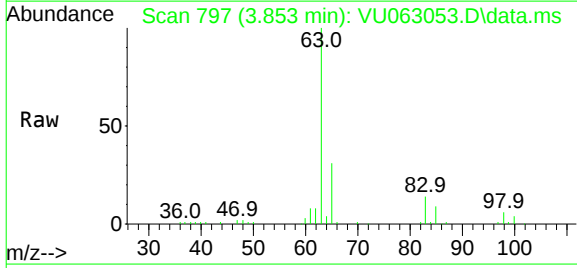




#19
1,1-Dichloroethane
Concen: 5.696 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU063053.D
Acq: 28 Jan 2025 07:21

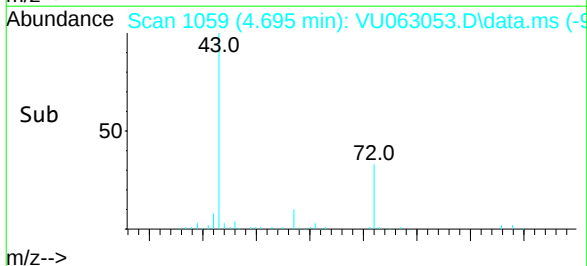
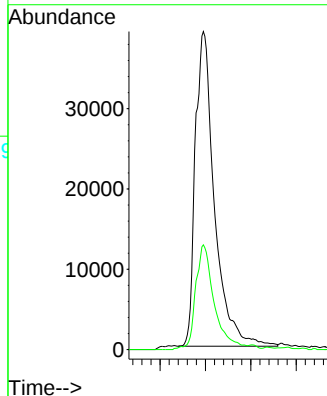
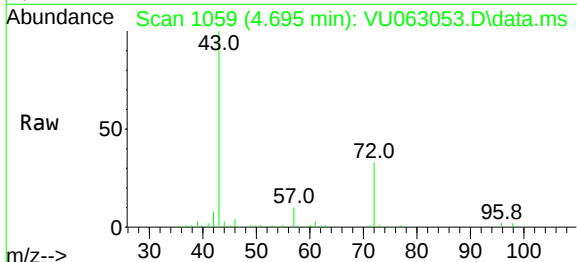
Instrument :
MSVOA_U
ClientSampleId :
E2959MS

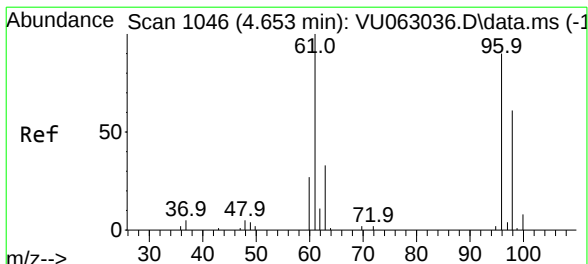
Tgt Ion: 63 Resp: 140492
Ion Ratio Lower Upper
63 100
65 31.2 20.7 38.5
83 13.7 10.5 19.5



#21
2-Butanone
Concen: 48.874 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. 0.010 min
Lab File: VU063053.D
Acq: 28 Jan 2025 07:21

Tgt Ion: 43 Resp: 115104
Ion Ratio Lower Upper
43 100
72 32.3 17.1 51.2

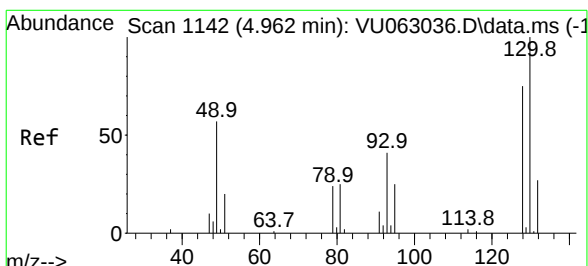
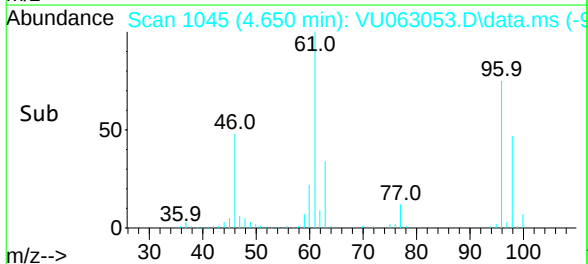
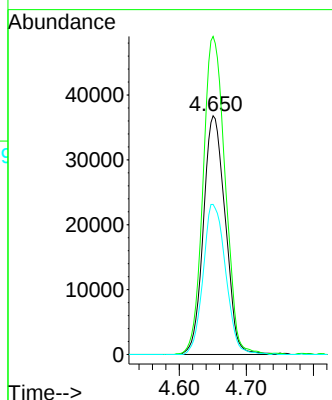
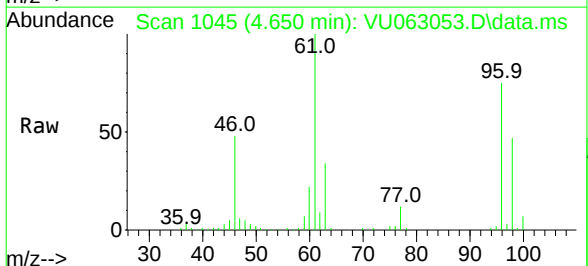




#22
 cis-1,2-Dichloroethene
 Concen: 4.914 ug/L
 RT: 4.650 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU063053.D
 Acq: 28 Jan 2025 07:21

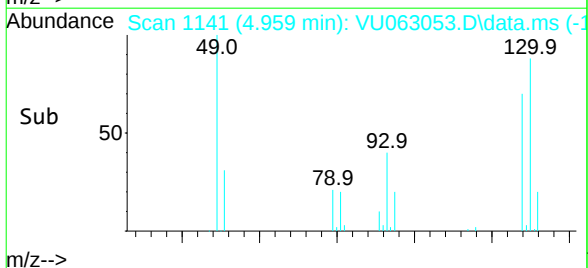
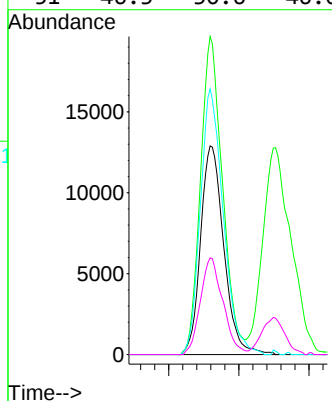
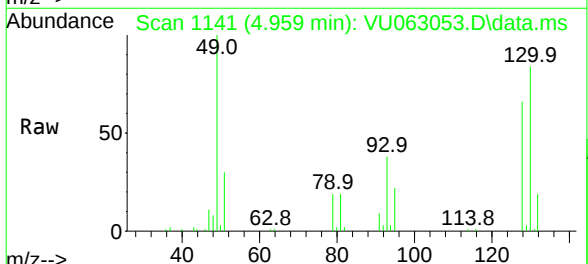
Instrument :
 MSVOA_U
 ClientSampleId :
 E2959MS

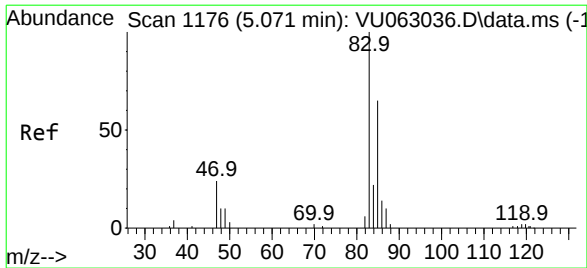
Tgt Ion:	96	Resp:	83560
Ion	Ratio	Lower	Upper
96	100		
61	133.2	84.8	157.6
98	62.9	43.1	80.1



#23
 Bromochloromethane
 Concen: 3.472 ug/L
 RT: 4.959 min Scan# 1141
 Delta R.T. -0.003 min
 Lab File: VU063053.D
 Acq: 28 Jan 2025 07:21

Tgt Ion:	128	Resp:	29629
Ion	Ratio	Lower	Upper
128	100		
49	152.4	81.1	150.7#
130	127.3	94.9	176.3
51	46.3	30.6	46.0#

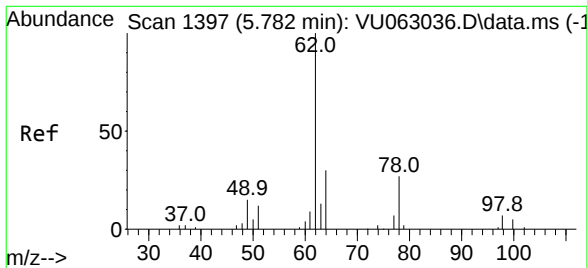
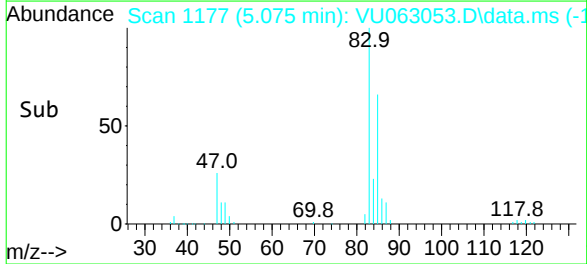
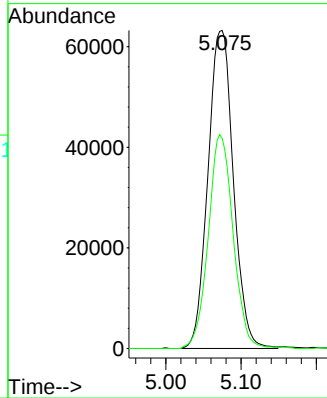
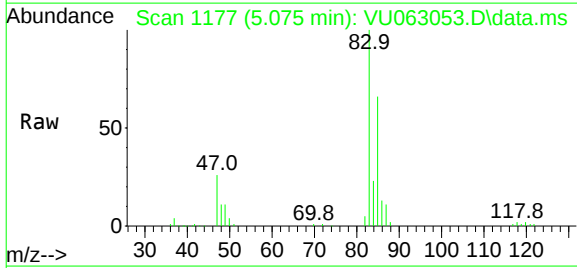




#25
Chloroform
Concen: 4.166 ug/L
RT: 5.075 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VU063053.D
Acq: 28 Jan 2025 07:21

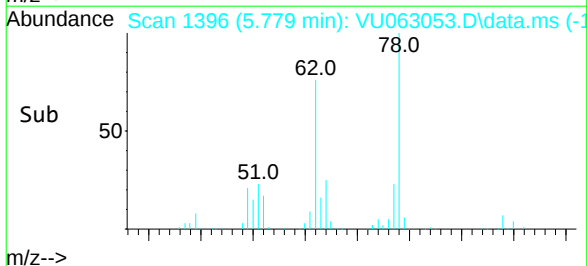
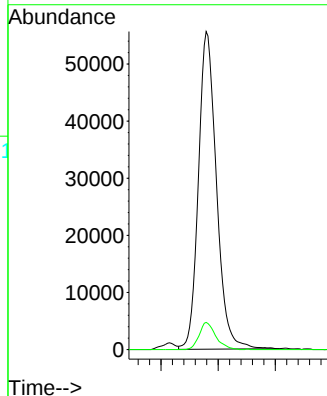
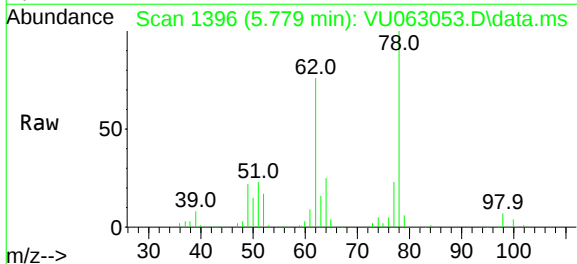
Instrument :
MSVOA_U
ClientSampleId :
E2959MS

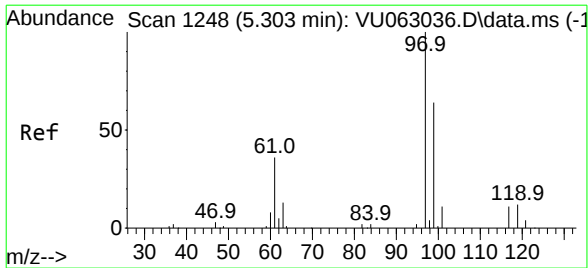
Tgt Ion: 83 Resp: 148473
Ion Ratio Lower Upper
83 100
85 66.1 45.8 85.2



#27
1,2-Dichloroethane
Concen: 4.883 ug/L
RT: 5.779 min Scan# 1396
Delta R.T. -0.003 min
Lab File: VU063053.D
Acq: 28 Jan 2025 07:21

Tgt Ion: 62 Resp: 121965
Ion Ratio Lower Upper
62 100
98 8.5 5.8 8.6

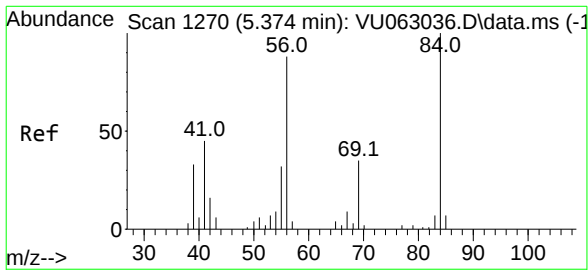
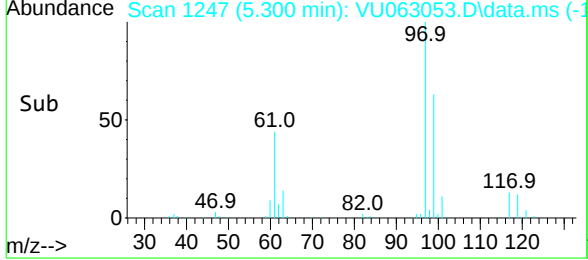
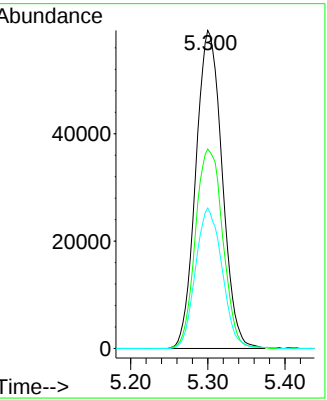
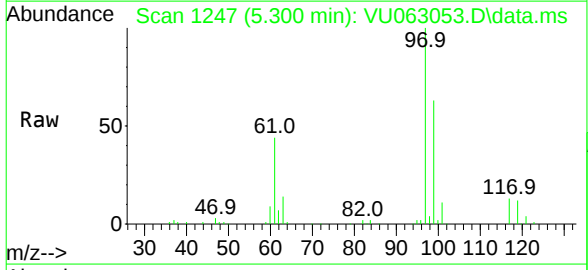




#29
 1,1,1-Trichloroethane
 Concen: 6.124 ug/L
 RT: 5.300 min Scan# 1247
 Delta R.T. -0.003 min
 Lab File: VU063053.D
 Acq: 28 Jan 2025 07:21

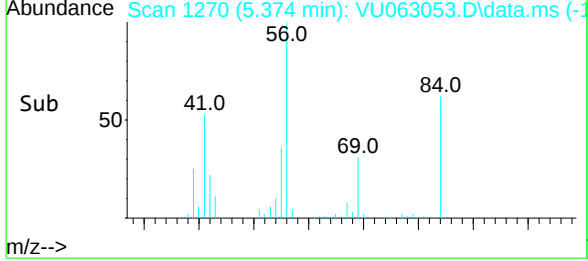
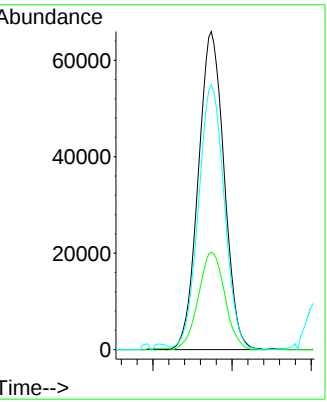
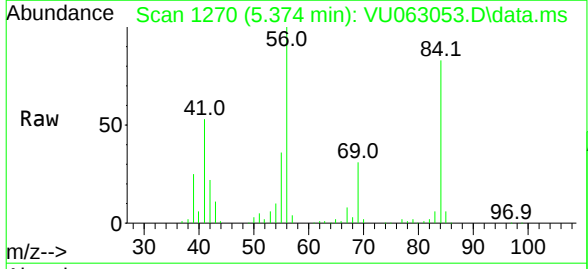
Instrument :
 MSVOA_U
 ClientSampleId :
 E2959MS

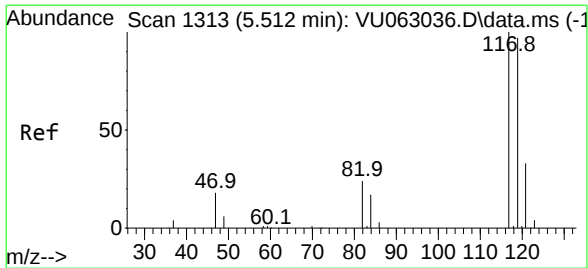
Tgt Ion:	97	Resp:	140411
Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.4	78.6
61	44.6	32.2	48.4



#30
 Cyclohexane
 Concen: 13.982 ug/L
 RT: 5.374 min Scan# 1270
 Delta R.T. 0.000 min
 Lab File: VU063053.D
 Acq: 28 Jan 2025 07:21

Tgt Ion:	56	Resp:	149320
Ion	Ratio	Lower	Upper
56	100		
69	31.3	28.3	42.5
84	83.8	76.5	114.7

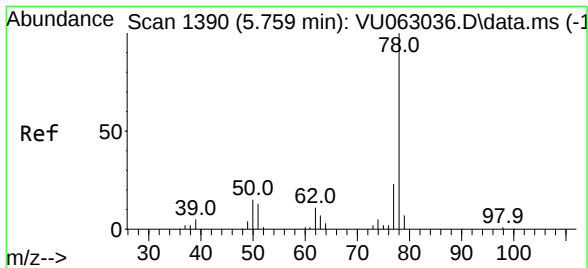
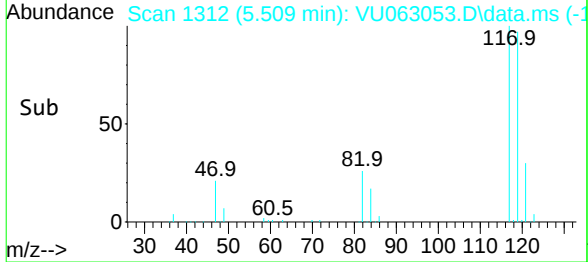
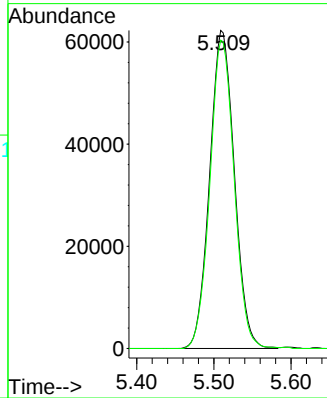
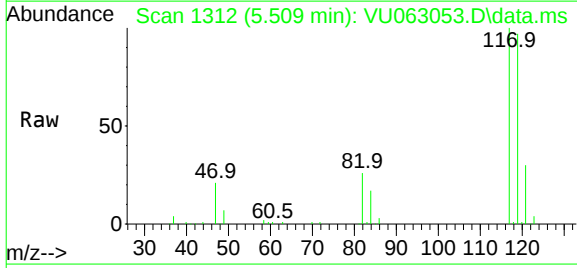




#31
Carbon tetrachloride
Concen: 6.273 ug/L
RT: 5.509 min Scan# 1313
Delta R.T. -0.003 min
Lab File: VU063053.D
Acq: 28 Jan 2025 07:21

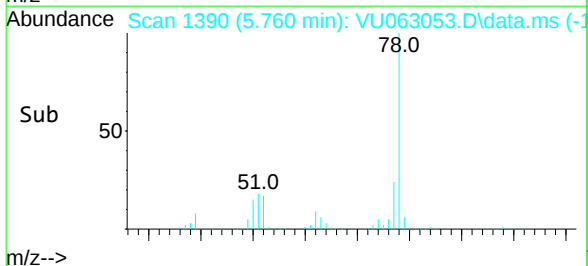
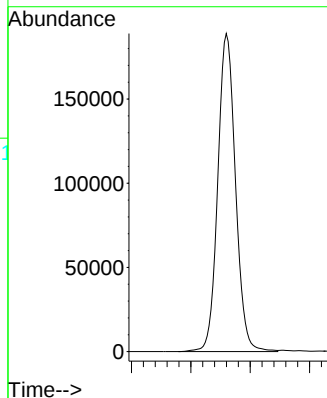
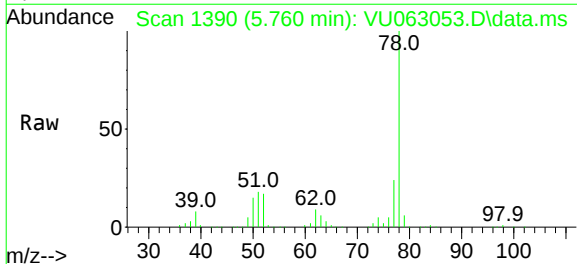
Instrument : MSVOA_U
ClientSampleId : E2959MS

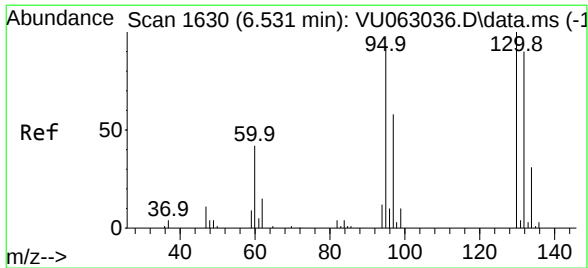
Tgt Ion: 117 Resp: 138464
Ion Ratio Lower Upper
117 100
119 95.4 78.6 118.0



#33
Benzene
Concen: 10.937 ug/L
RT: 5.760 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VU063053.D
Acq: 28 Jan 2025 07:21

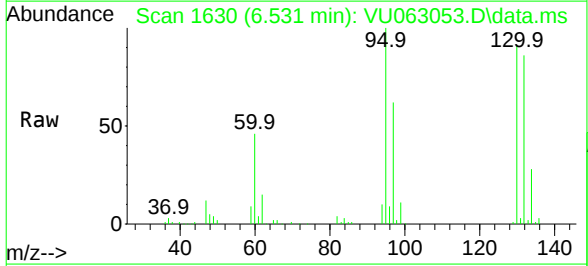
Tgt Ion: 78 Resp: 391780





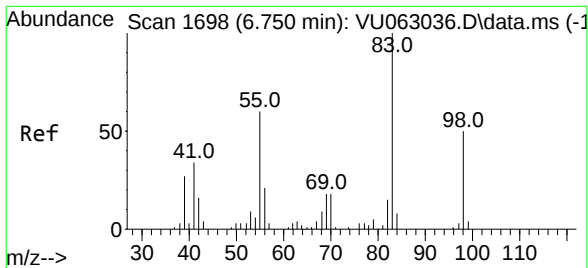
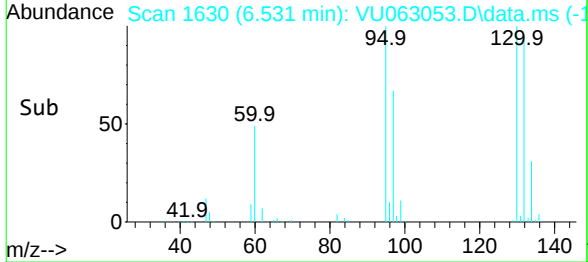
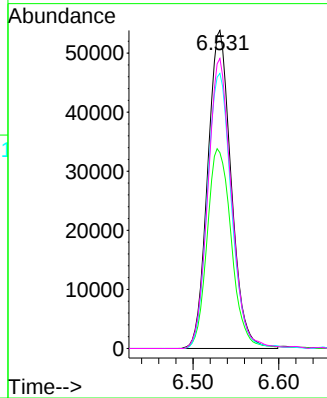
#34
Trichloroethene
Concen: 8.413 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VU063053.D
Acq: 28 Jan 2025 07:21

Instrument :
MSVOA_U
ClientSampleId :
E2959MS



Tgt Ion: 95 Resp: 102411

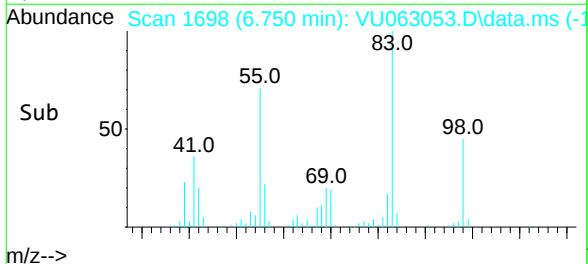
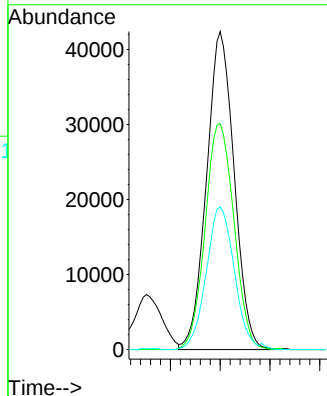
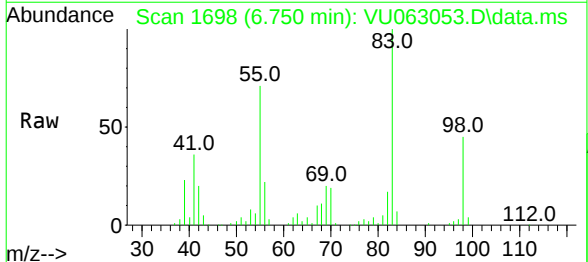
Ion	Ratio	Lower	Upper
95	100		
97	61.5	47.5	88.3
132	86.5	66.9	124.3
130	91.2	68.6	127.4

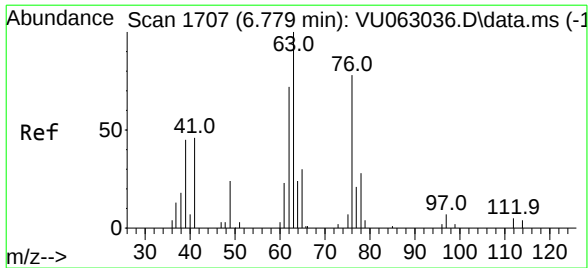


#35
Methylcyclohexane
Concen: 5.332 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU063053.D
Acq: 28 Jan 2025 07:21

Tgt Ion: 83 Resp: 81776

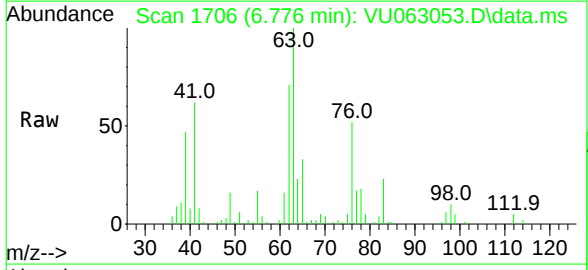
Ion	Ratio	Lower	Upper
83	100		
55	74.0	57.2	85.8
98	45.9	36.6	55.0



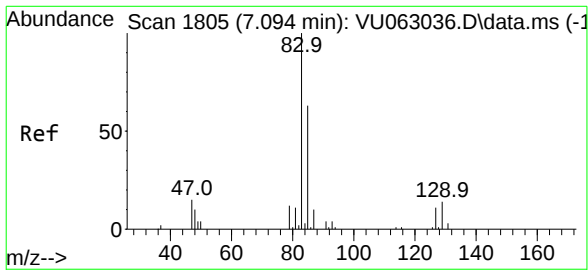
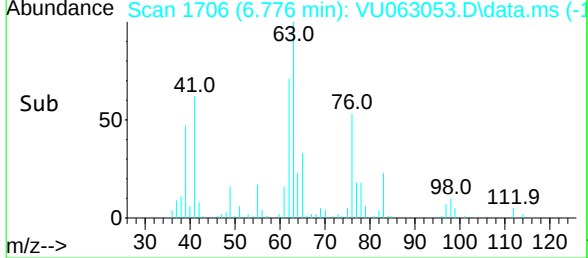
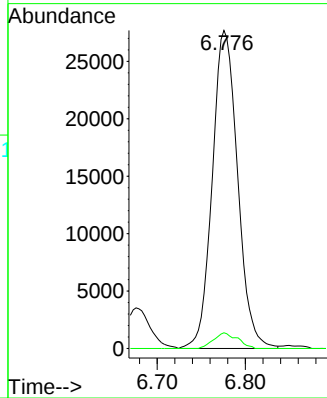


#37
 1,2-Dichloropropane
 Concen: 6.862 ug/L
 RT: 6.776 min Scan# 1707
 Delta R.T. -0.003 min
 Lab File: VU063053.D
 Acq: 28 Jan 2025 07:21

Instrument :
 MSVOA_U
 ClientSampleId :
 E2959MS

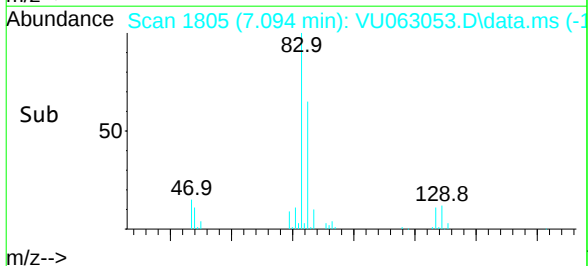
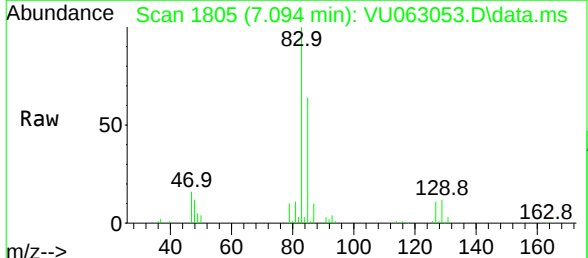
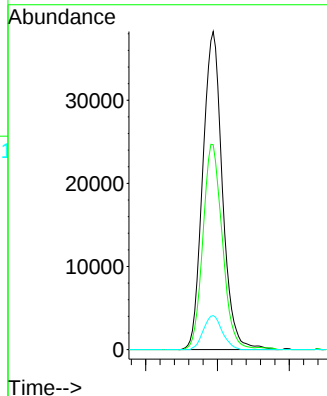


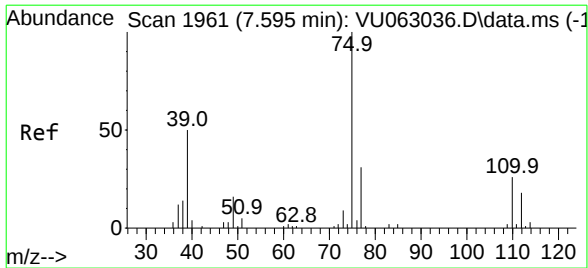
Tgt Ion: 63 Resp: 55280
 Ion Ratio Lower Upper
 63 100
 112 4.7 3.8 5.8



#38
 Bromodichloromethane
 Concen: 4.499 ug/L
 RT: 7.094 min Scan# 1805
 Delta R.T. 0.000 min
 Lab File: VU063053.D
 Acq: 28 Jan 2025 07:21

Tgt Ion: 83 Resp: 72633
 Ion Ratio Lower Upper
 83 100
 85 64.4 44.2 82.0
 127 10.7 7.8 11.8

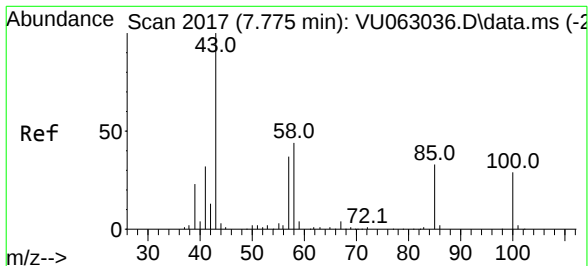
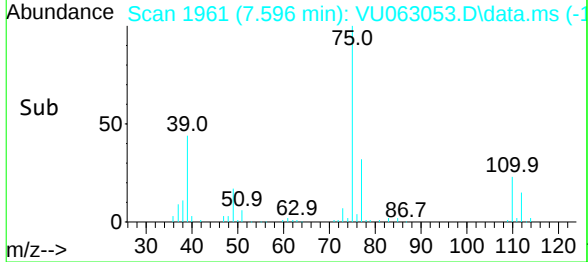
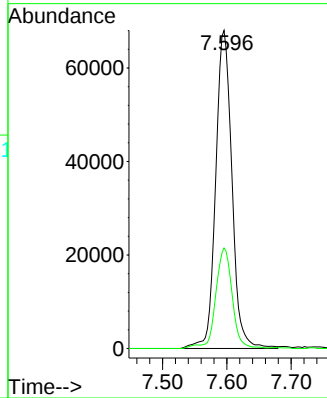
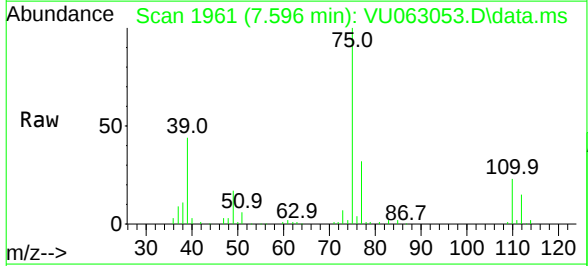




#39
 cis-1,3-Dichloropropene
 Concen: 7.900 ug/L
 RT: 7.596 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VU063053.D
 Acq: 28 Jan 2025 07:21

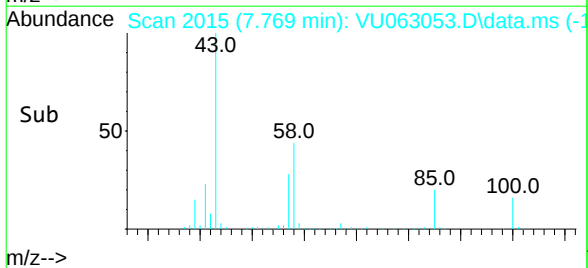
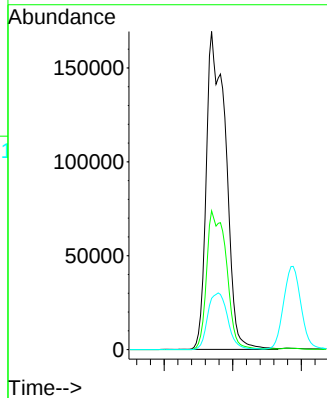
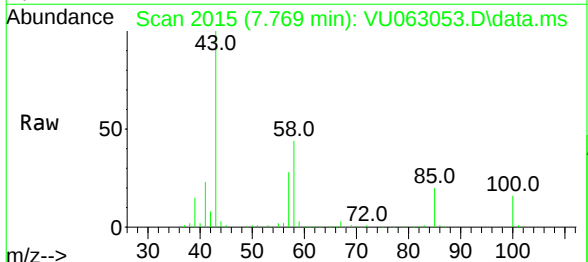
Instrument :
 MSVOA_U
 ClientSampleId :
 E2959MS

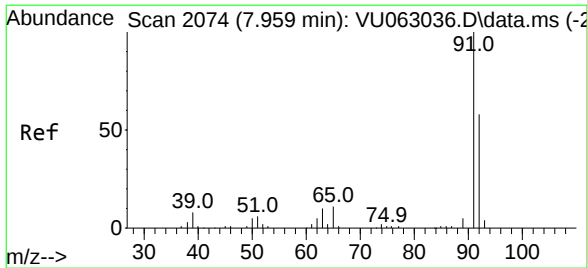
Tgt Ion: 75 Resp: 119825
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 85.473 ug/L
 RT: 7.769 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: VU063053.D
 Acq: 28 Jan 2025 07:21

Tgt Ion: 43 Resp: 332198
 Ion Ratio Lower Upper
 43 100
 58 44.2 35.8 53.8
 100 18.4 16.8 25.2





#42

Toluene

Concen: 4.055 ug/L

RT: 7.956 min Scan# 2074

Delta R.T. -0.003 min

Lab File: VU063053.D

Acq: 28 Jan 2025 07:21

Instrument :

MSVOA_U

ClientSampleId :

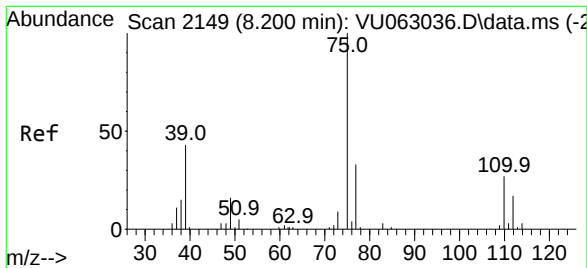
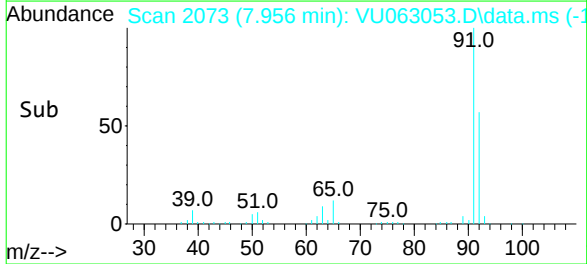
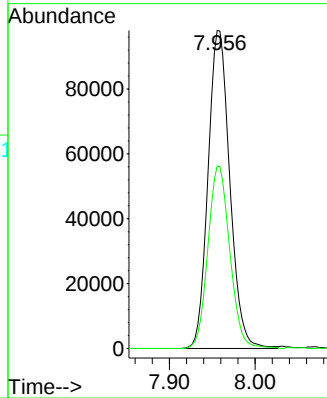
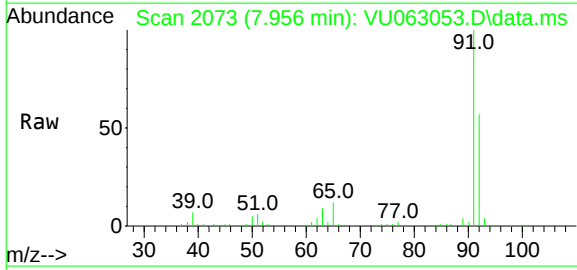
E2959MS

Tgt Ion: 91 Resp: 172659

Ion Ratio Lower Upper

91 100

92 57.4 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.432 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. 0.000 min

Lab File: VU063053.D

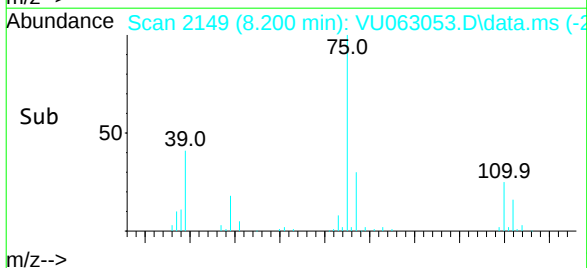
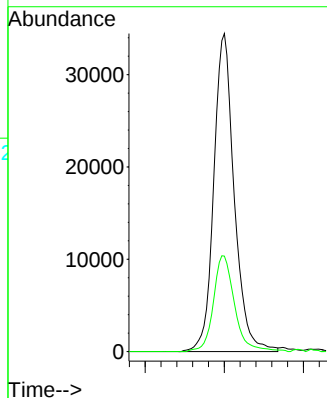
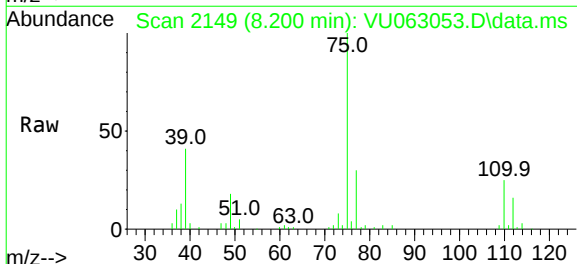
Acq: 28 Jan 2025 07:21

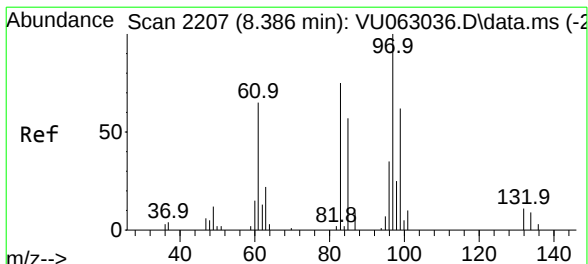
Tgt Ion: 75 Resp: 61926

Ion Ratio Lower Upper

75 100

77 30.0 21.8 40.6

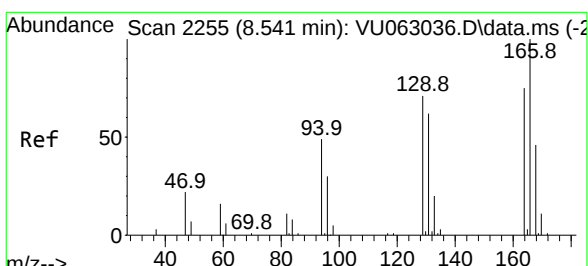
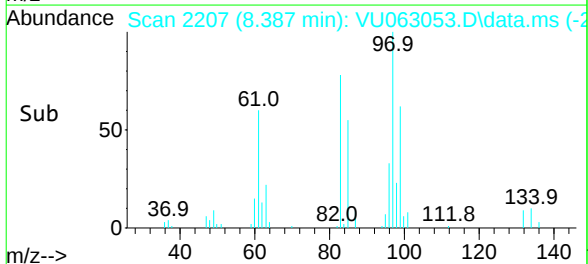
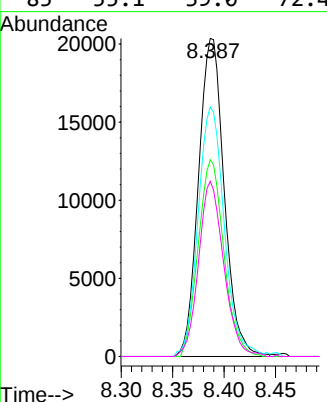
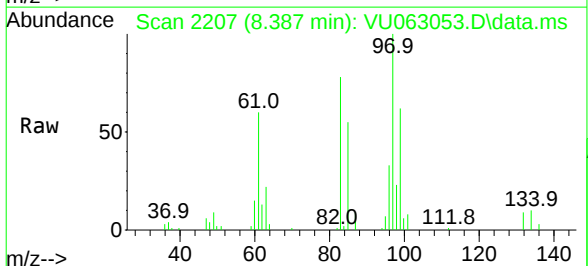




#45
 1,1,2-Trichloroethane
 Concen: 4.663 ug/L
 RT: 8.387 min Scan# 2207
 Delta R.T. 0.000 min
 Lab File: VU063053.D
 Acq: 28 Jan 2025 07:21

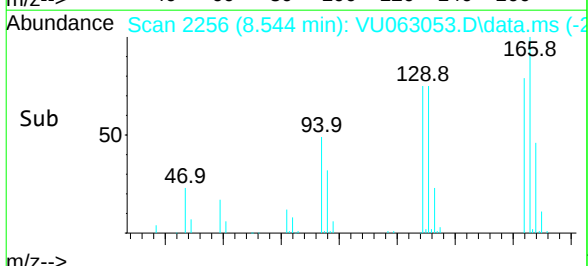
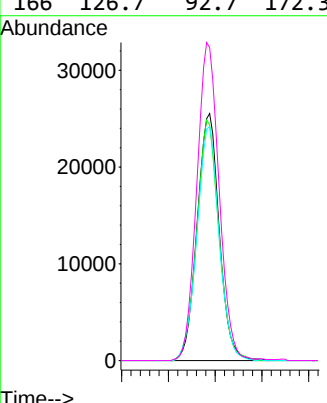
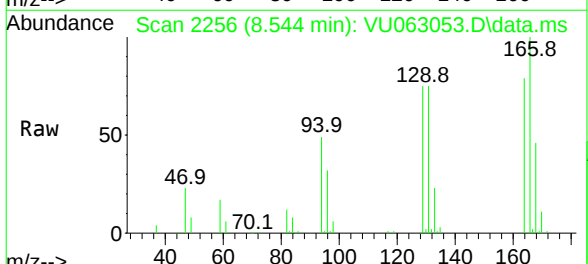
Instrument :
 MSVOA_U
 ClientSampleId :
 E2959MS

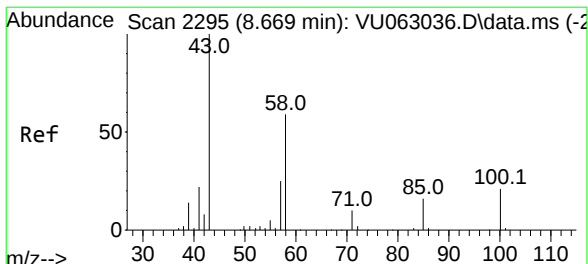
Tgt Ion:	97	Resp:	35355
Ion	Ratio	Lower	Upper
97	100		
99	61.9	45.6	84.6
83	78.5	63.0	117.0
85	55.1	39.0	72.4



#47
 Tetrachloroethene
 Concen: 3.966 ug/L
 RT: 8.544 min Scan# 2256
 Delta R.T. 0.003 min
 Lab File: VU063053.D
 Acq: 28 Jan 2025 07:21

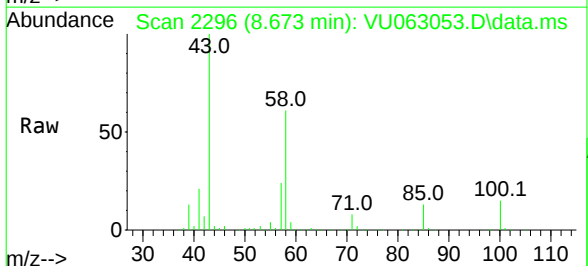
Tgt Ion:	164	Resp:	41990
Ion	Ratio	Lower	Upper
164	100		
129	95.4	71.0	131.9
131	94.7	69.4	129.0
166	126.7	92.7	172.3



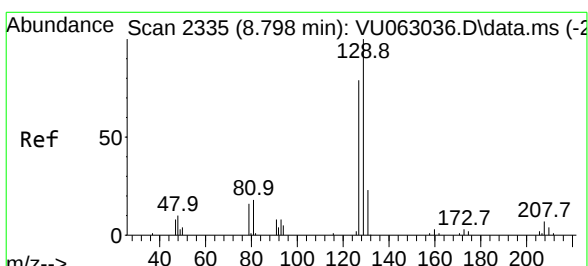
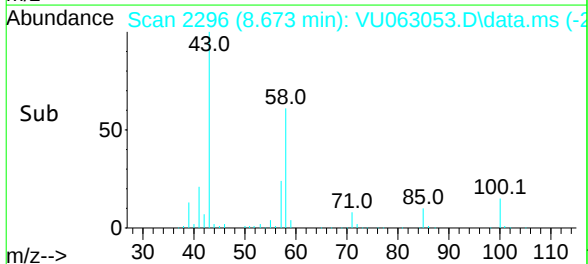
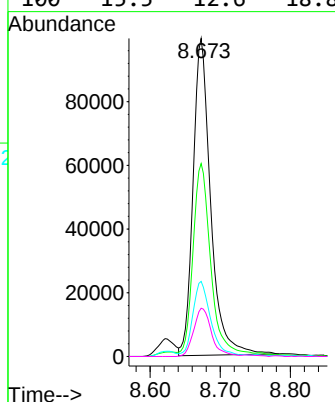


#48
 2-Hexanone
 Concen: 64.484 ug/L
 RT: 8.673 min Scan# 2296
 Delta R.T. 0.003 min
 Lab File: VU063053.D
 Acq: 28 Jan 2025 07:21

Instrument :
 MSVOA_U
 ClientSampleId :
 E2959MS

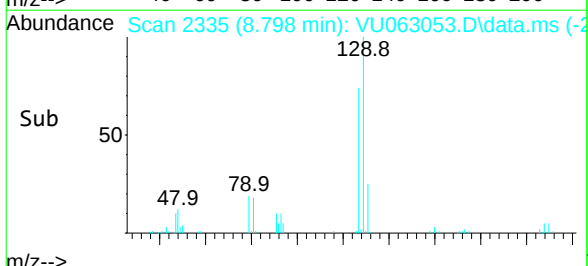
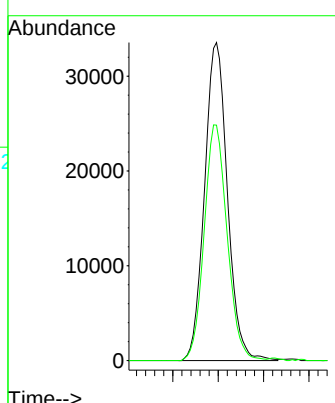
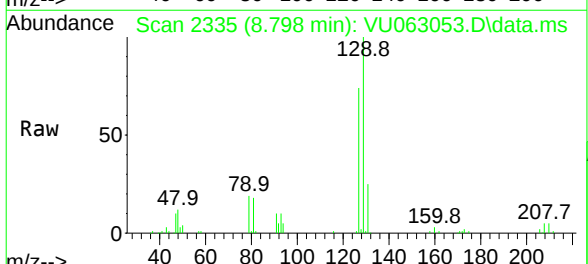


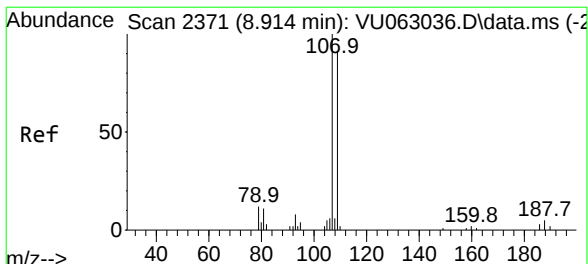
Tgt Ion:	43	Resp:	173836
Ion	Ratio	Lower	Upper
43	100		
58	59.5	50.2	75.4
57	23.5	19.9	29.9
100	15.5	12.6	18.8



#49
 Dibromochloromethane
 Concen: 4.967 ug/L
 RT: 8.798 min Scan# 2335
 Delta R.T. 0.000 min
 Lab File: VU063053.D
 Acq: 28 Jan 2025 07:21

Tgt Ion:	129	Resp:	58769
Ion	Ratio	Lower	Upper
129	100		
127	74.0	52.1	96.9

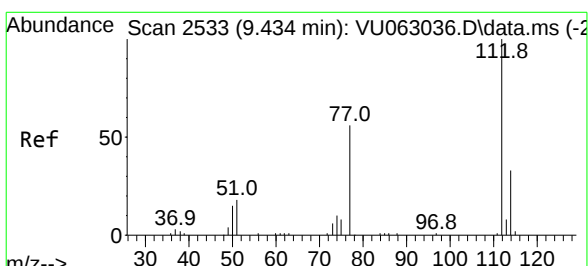
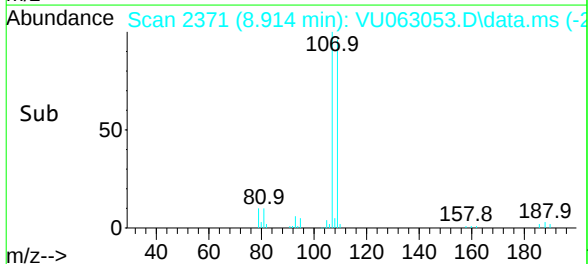
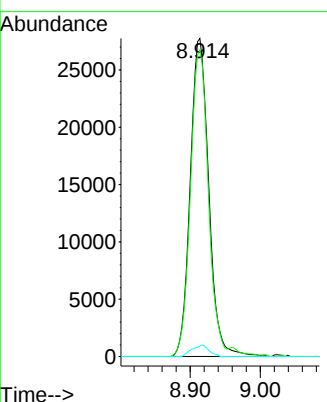
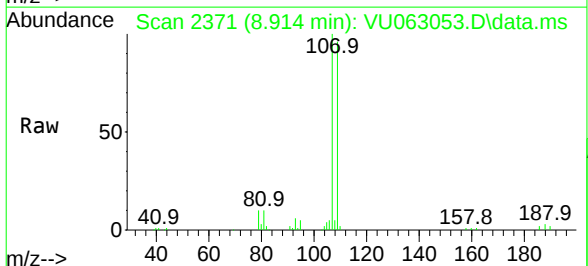




#50
 1,2-Dibromoethane
 Concen: 6.639 ug/L
 RT: 8.914 min Scan# 2371
 Delta R.T. 0.000 min
 Lab File: VU063053.D
 Acq: 28 Jan 2025 07:21

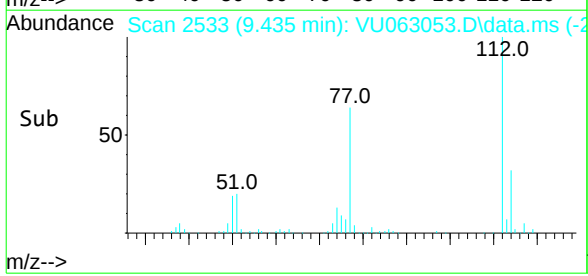
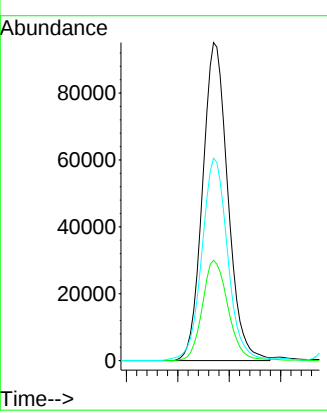
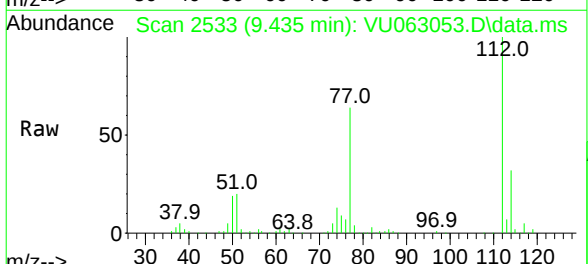
Instrument :
 MSVOA_U
 ClientSampleId :
 E2959MS

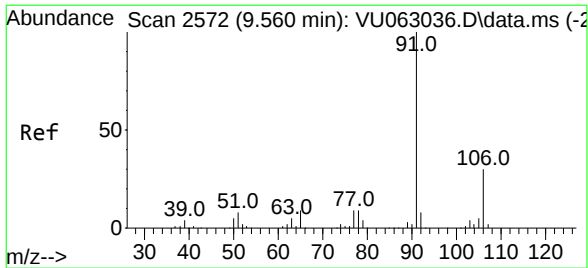
Tgt Ion:	107	Resp:	50854
Ion	Ratio	Lower	Upper
107	100		
109	96.4	65.7	121.9
188	3.3	3.4	5.2



#51
 Chlorobenzene
 Concen: 5.504 ug/L
 RT: 9.435 min Scan# 2533
 Delta R.T. 0.000 min
 Lab File: VU063053.D
 Acq: 28 Jan 2025 07:21

Tgt Ion:	112	Resp:	162504
Ion	Ratio	Lower	Upper
112	100		
114	31.5	21.7	40.3
77	63.6	48.6	73.0

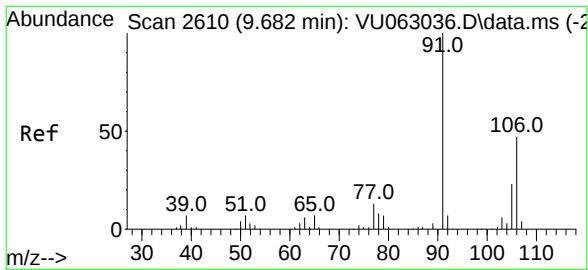
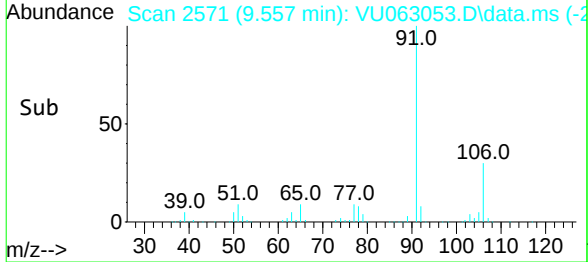
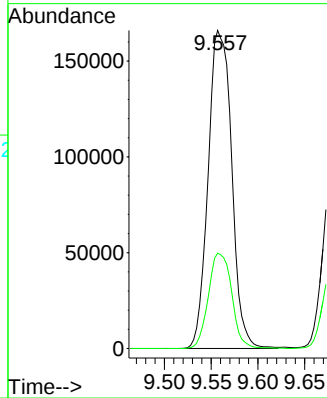
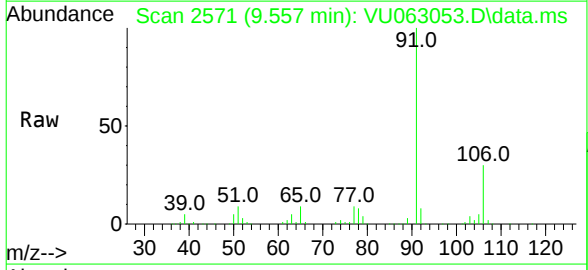




#52
 Ethylbenzene
 Concen: 5.856 ug/L
 RT: 9.557 min Scan# 2571
 Delta R.T. -0.003 min
 Lab File: VU063053.D
 Acq: 28 Jan 2025 07:21

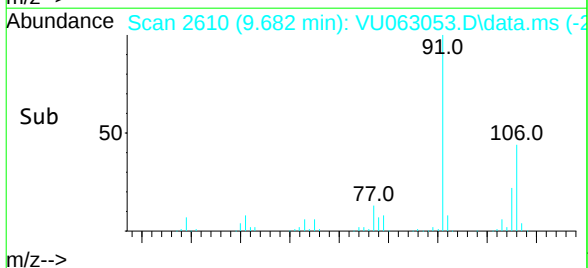
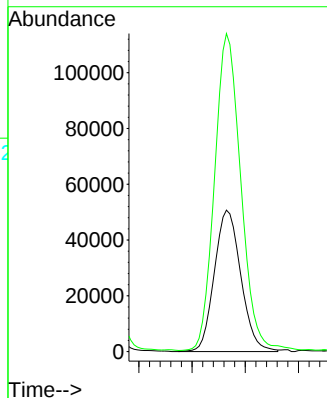
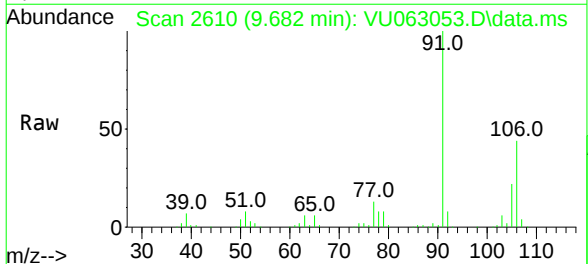
Instrument : MSVOA_U
 ClientSampleId : E2959MS

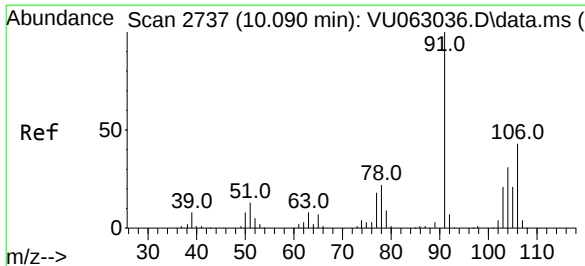
Tgt Ion: 91 Resp: 290601
 Ion Ratio Lower Upper
 91 100
 106 30.0 21.9 40.7



#53
 m,p-Xylene
 Concen: 4.580 ug/L
 RT: 9.682 min Scan# 2610
 Delta R.T. 0.000 min
 Lab File: VU063053.D
 Acq: 28 Jan 2025 07:21

Tgt Ion: 106 Resp: 87758
 Ion Ratio Lower Upper
 106 100
 91 224.8 153.1 284.3





#54

o-Xylene

Concen: 5.503 ug/L

RT: 10.091 min Scan# 2737

Delta R.T. 0.000 min

Lab File: VU063053.D

Acq: 28 Jan 2025 07:21

Instrument :

MSVOA_U

ClientSampleId :

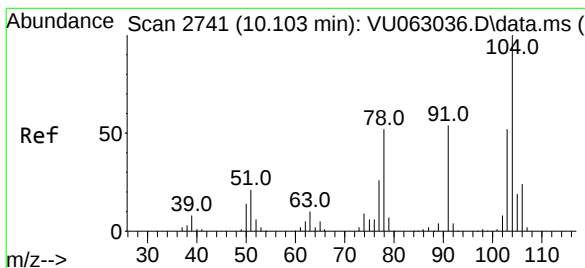
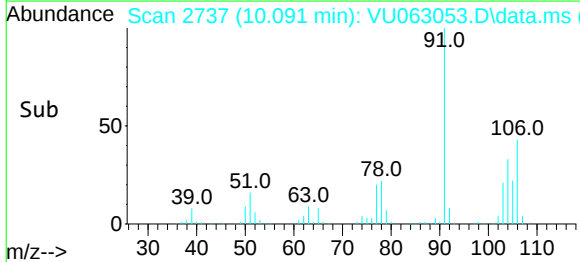
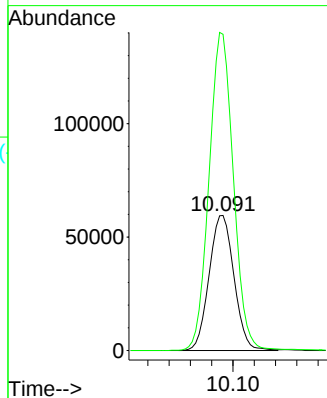
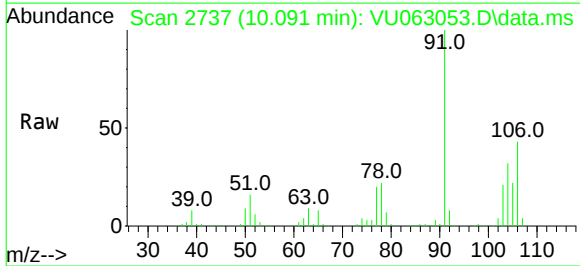
E2959MS

Tgt Ion:106 Resp: 96611

Ion Ratio Lower Upper

106 100

91 234.2 160.4 297.8



#55

Styrene

Concen: 5.640 ug/L

RT: 10.104 min Scan# 2741

Delta R.T. 0.000 min

Lab File: VU063053.D

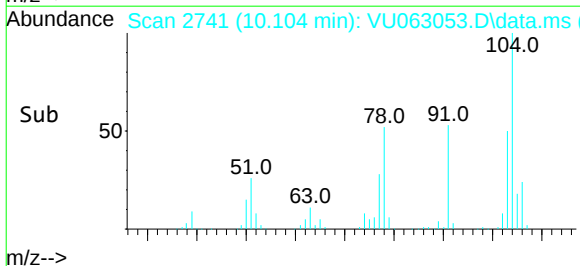
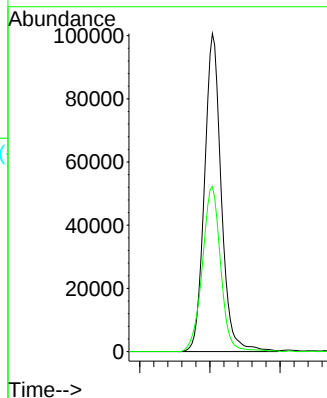
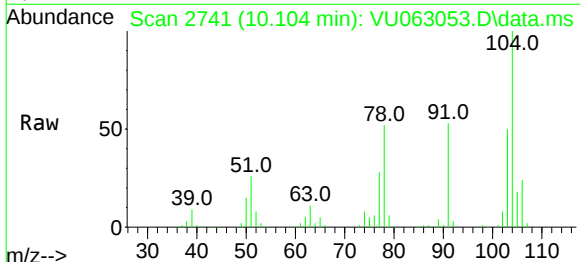
Acq: 28 Jan 2025 07:21

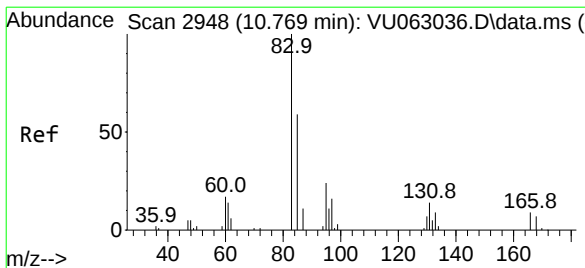
Tgt Ion:104 Resp: 167407

Ion Ratio Lower Upper

104 100

78 51.8 35.5 65.9





#57

1,1,2,2-Tetrachloroethane

Concen: 8.483 ug/L

RT: 10.769 min Scan# 2948

Delta R.T. 0.000 min

Lab File: VU063053.D

Acq: 28 Jan 2025 07:21

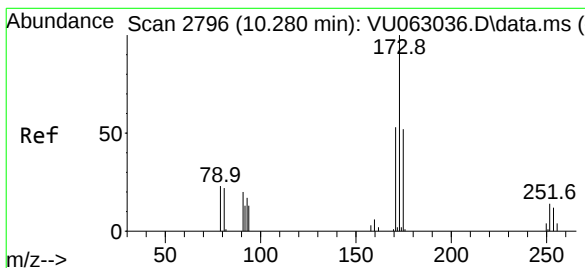
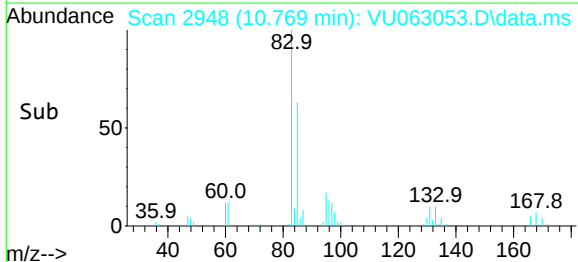
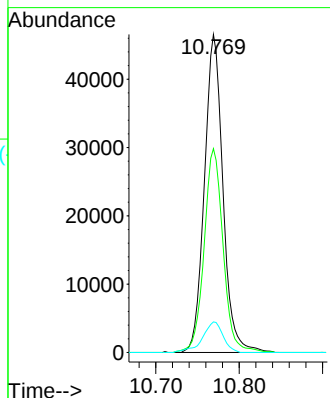
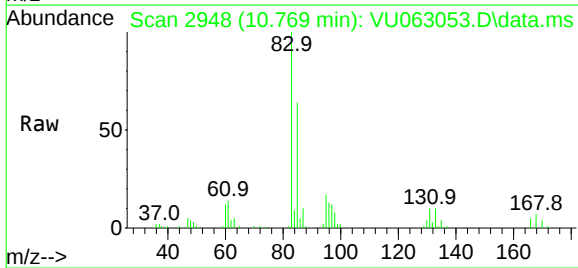
Instrument :

MSVOA_U

ClientSampleId :

E2959MS

Tgt Ion:	83	Resp:	71965
Ion Ratio	Lower	Upper	
83	100		
85	64.1	43.0	79.8
131	9.6	7.4	11.0



#59

Bromoform

Concen: 4.928 ug/L

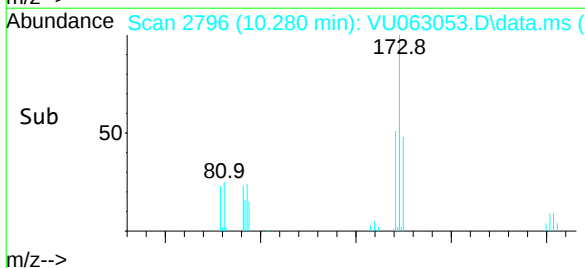
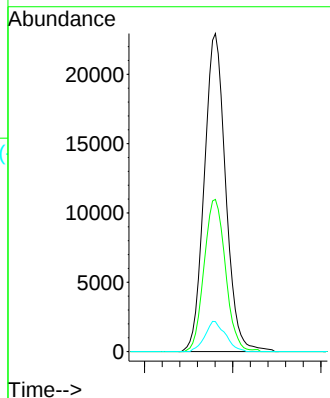
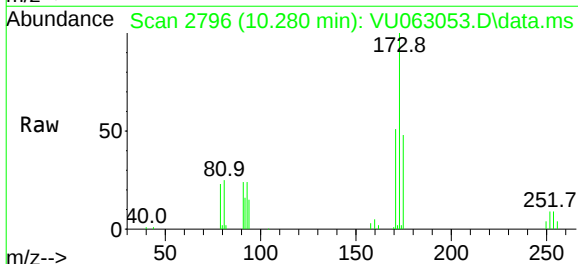
RT: 10.280 min Scan# 2796

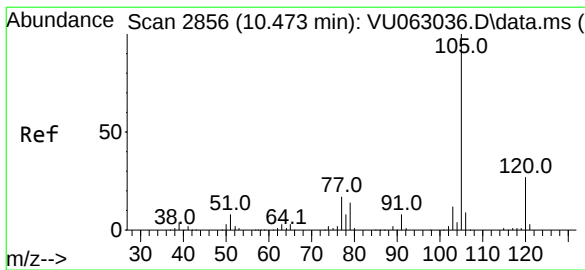
Delta R.T. 0.000 min

Lab File: VU063053.D

Acq: 28 Jan 2025 07:21

Tgt Ion:	173	Resp:	38647
Ion Ratio	Lower	Upper	
173	100		
175	48.0	39.8	59.8
254	9.1	8.6	12.8





#60

Isopropylbenzene

Concen: 6.533 ug/L

RT: 10.470 min Scan# 28

Delta R.T. -0.003 min

Lab File: VU063053.D

Acq: 28 Jan 2025 07:21

Instrument :

MSVOA_U

ClientSampleId :

E2959MS

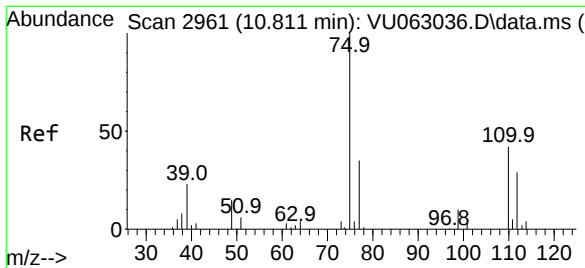
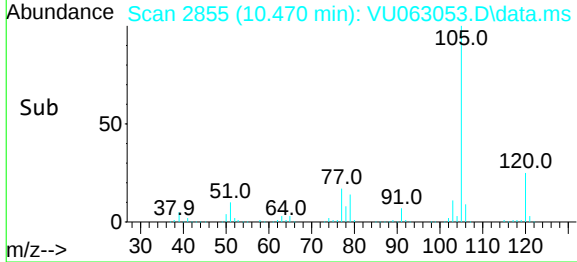
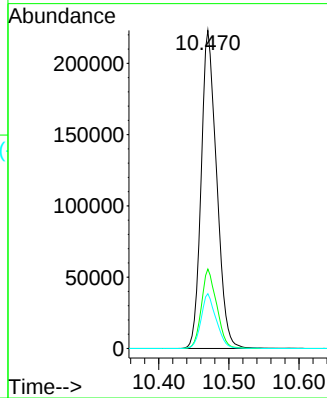
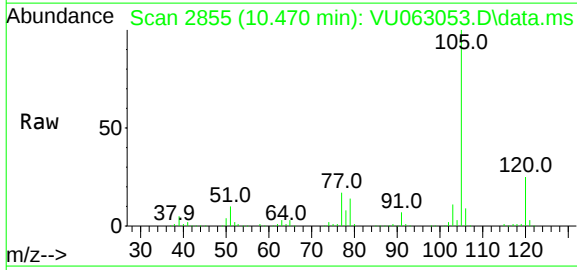
Tgt Ion:105 Resp: 341626

Ion Ratio Lower Upper

105 100

120 24.6 20.2 30.2

77 16.9 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 5.619 ug/L

RT: 10.804 min Scan# 2959

Delta R.T. -0.006 min

Lab File: VU063053.D

Acq: 28 Jan 2025 07:21

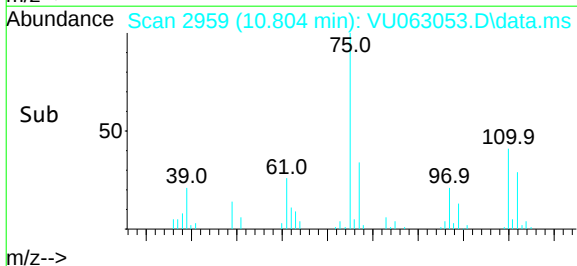
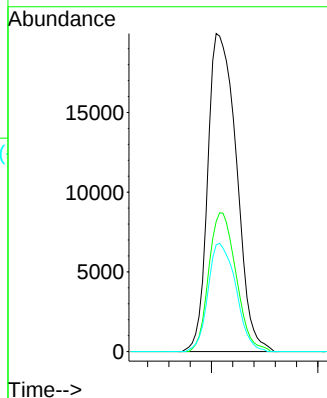
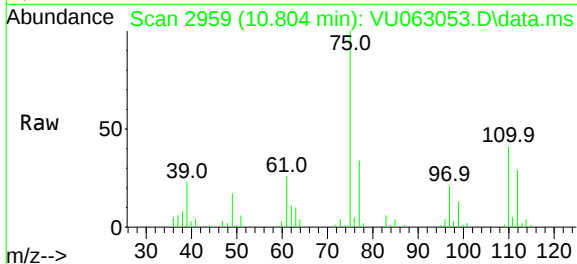
Tgt Ion: 75 Resp: 37316

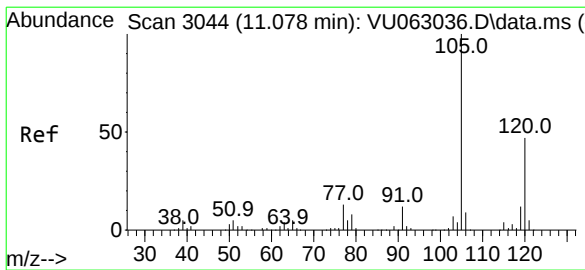
Ion Ratio Lower Upper

75 100

110 41.6 33.2 49.8

77 33.1 25.9 38.9

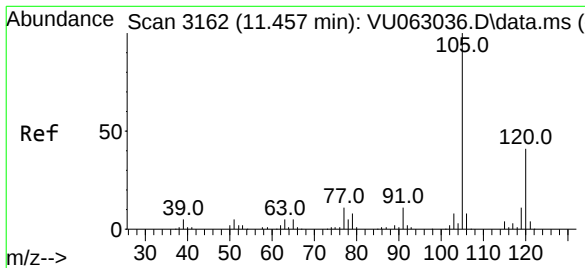
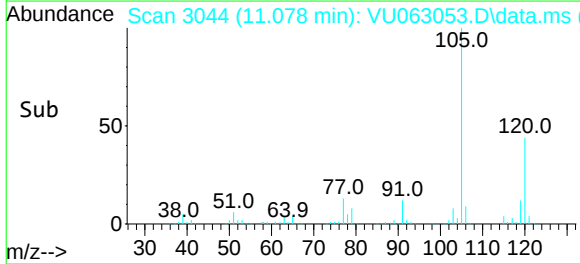
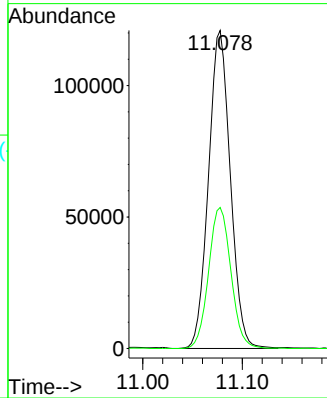
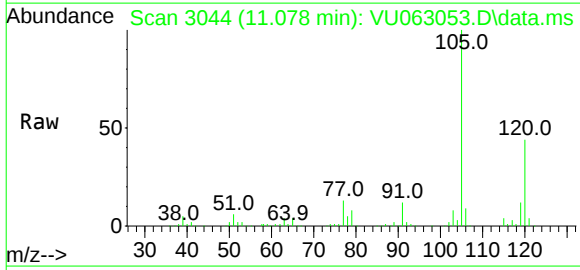




#62
1,3,5-Trimethylbenzene
Concen: 4.022 ug/L
RT: 11.078 min Scan# 3044
Delta R.T. 0.000 min
Lab File: VU063053.D
Acq: 28 Jan 2025 07:21

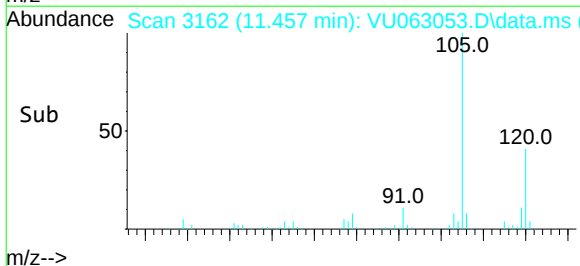
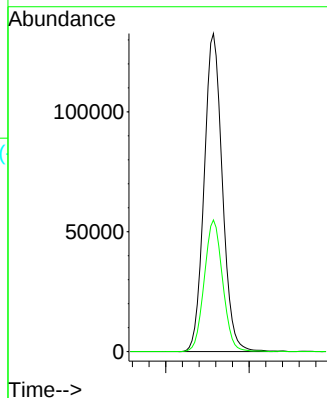
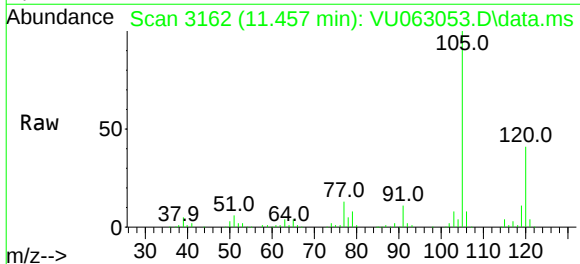
Instrument :
MSVOA_U
ClientSampleId :
E2959MS

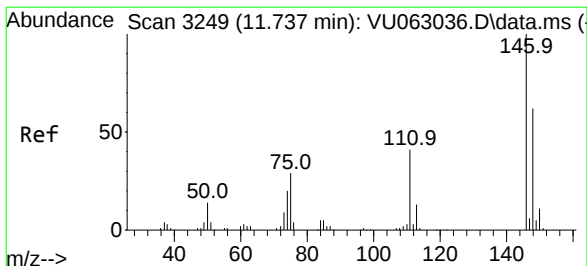
Tgt Ion:105 Resp: 184384
Ion Ratio Lower Upper
105 100
120 45.4 35.9 53.9



#63
1,2,4-Trimethylbenzene
Concen: 4.641 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VU063053.D
Acq: 28 Jan 2025 07:21

Tgt Ion:105 Resp: 201227
Ion Ratio Lower Upper
105 100
120 41.6 34.2 51.2





#64

1,3-Dichlorobenzene

Concen: 4.833 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VU063053.D

Acq: 28 Jan 2025 07:21

Instrument :

MSVOA_U

ClientSampleId :

E2959MS

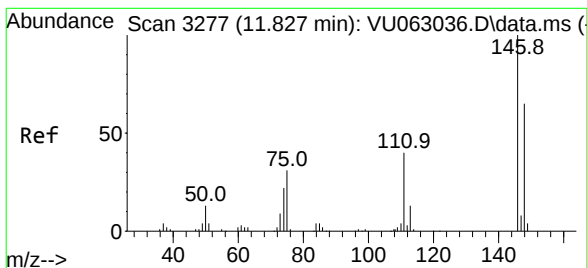
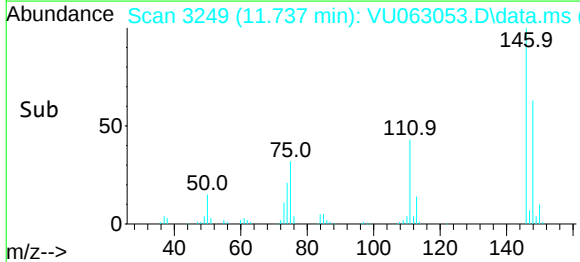
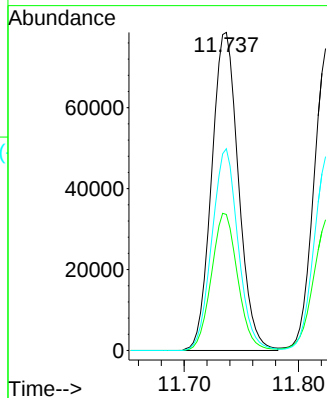
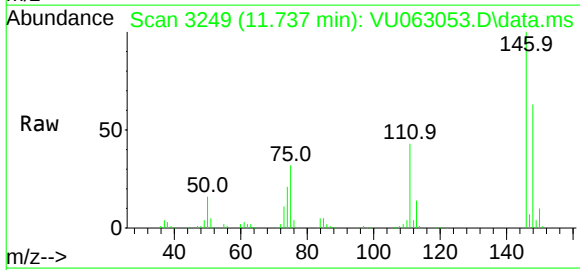
Tgt Ion:146 Resp: 128313

Ion Ratio Lower Upper

146 100

111 42.8 28.6 53.0

148 63.4 44.0 81.6



#65

1,4-Dichlorobenzene

Concen: 4.824 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VU063053.D

Acq: 28 Jan 2025 07:21

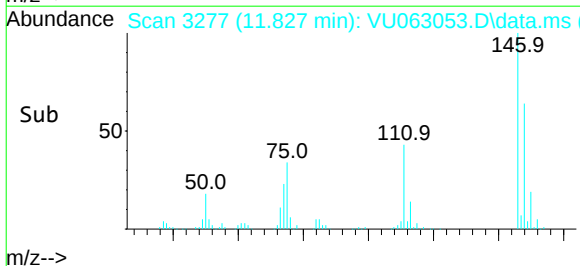
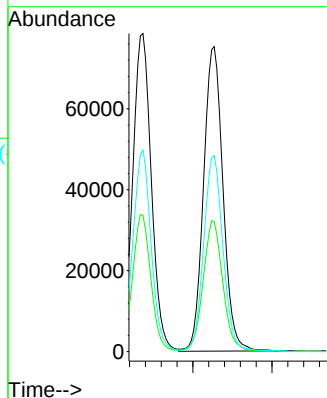
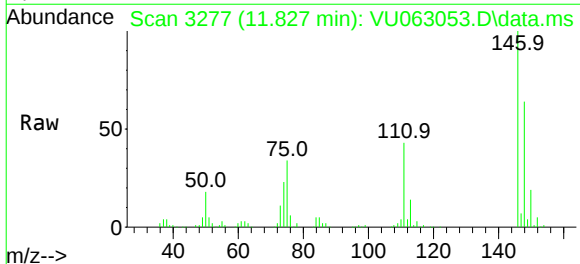
Tgt Ion:146 Resp: 128482

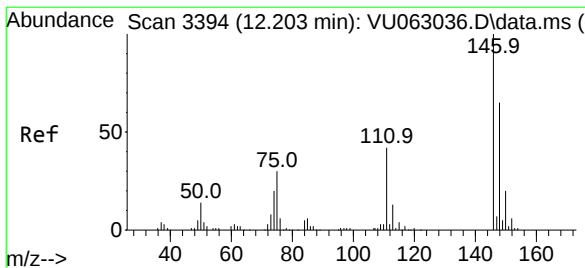
Ion Ratio Lower Upper

146 100

111 42.6 29.5 54.9

148 64.2 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 5.985 ug/L

RT: 12.200 min Scan# 3394

Delta R.T. -0.003 min

Lab File: VU063053.D

Acq: 28 Jan 2025 07:21

Instrument :

MSVOA_U

ClientSampleId :

E2959MS

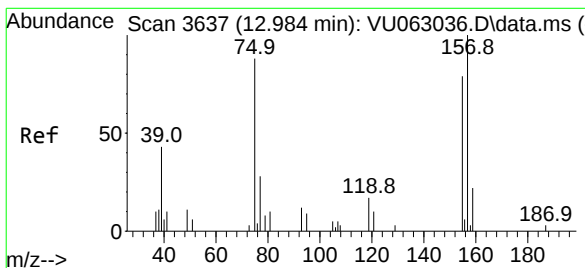
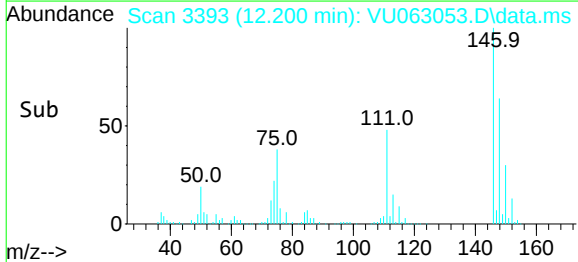
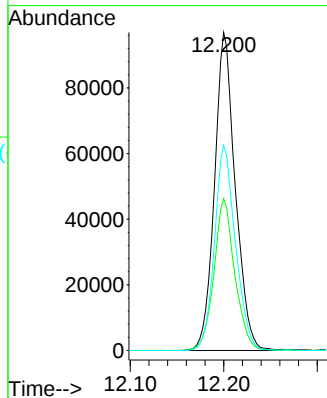
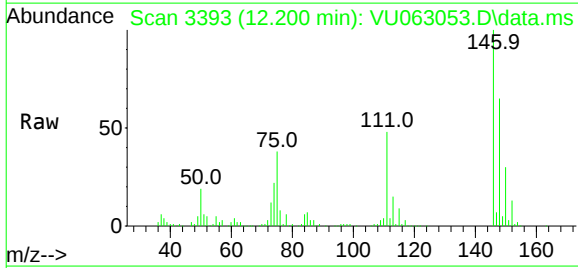
Tgt Ion:146 Resp: 149496

Ion Ratio Lower Upper

146 100

111 47.7 36.3 54.5

148 64.5 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 9.952 ug/L

RT: 12.984 min Scan# 3637

Delta R.T. 0.000 min

Lab File: VU063053.D

Acq: 28 Jan 2025 07:21

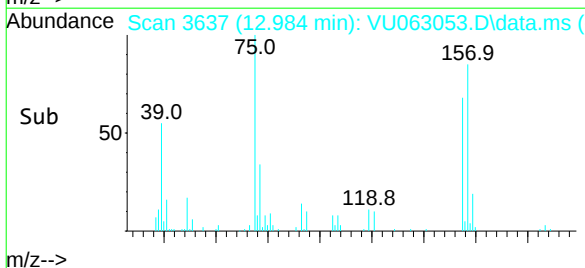
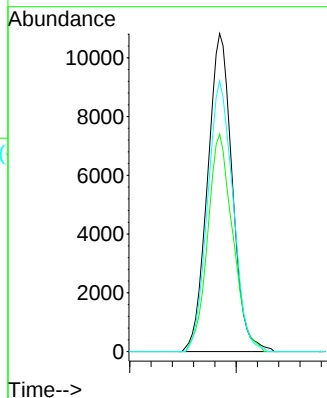
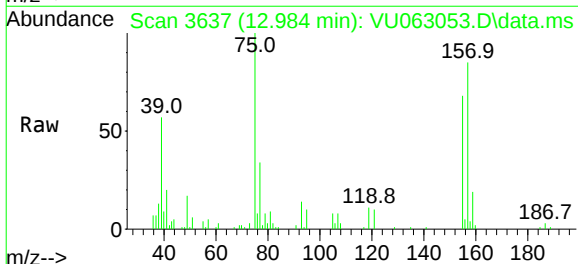
Tgt Ion: 75 Resp: 17477

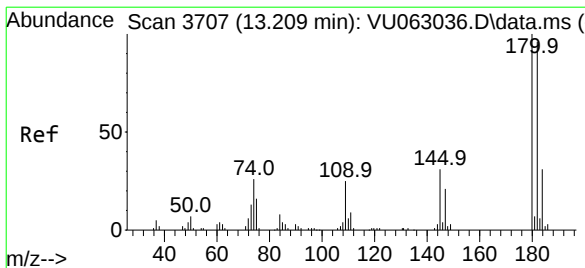
Ion Ratio Lower Upper

75 100

155 68.4 59.6 89.4

157 85.1 70.8 106.2





#69

1,3,5-Trichlorobenzene

Concen: 6.629 ug/L

RT: 13.210 min Scan# 3707

Delta R.T. 0.000 min

Lab File: VU063053.D

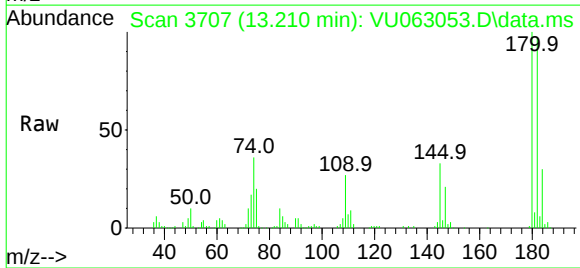
Acq: 28 Jan 2025 07:21

Instrument :

MSVOA_U

ClientSampleId :

E2959MS



Tgt Ion:180 Resp: 140598

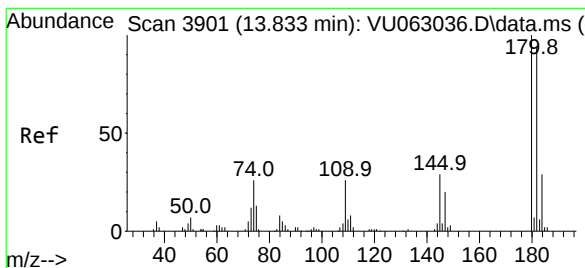
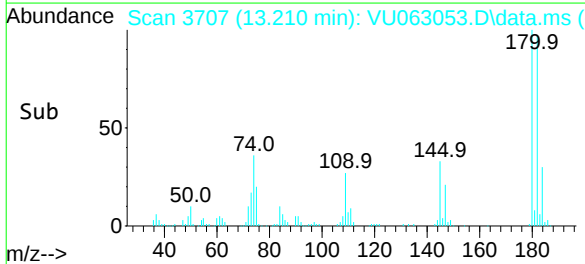
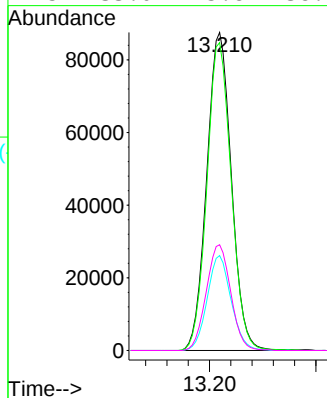
Ion Ratio Lower Upper

180 100

182 95.8 75.8 113.8

184 29.0 24.7 37.1

145 33.0 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 7.128 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.003 min

Lab File: VU063053.D

Acq: 28 Jan 2025 07:21

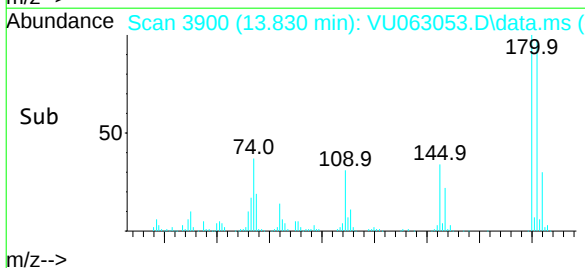
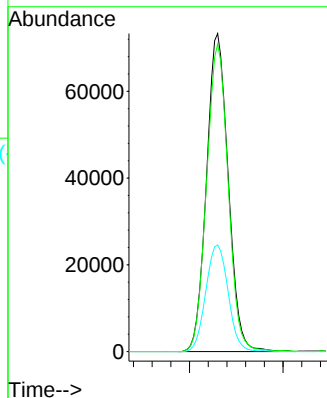
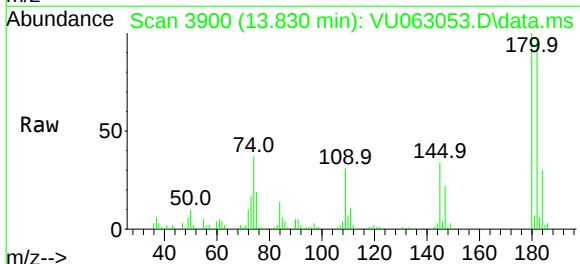
Tgt Ion:180 Resp: 118307

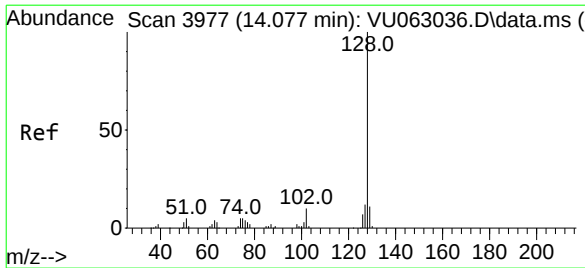
Ion Ratio Lower Upper

180 100

182 95.9 77.1 115.7

145 34.5 26.9 40.3

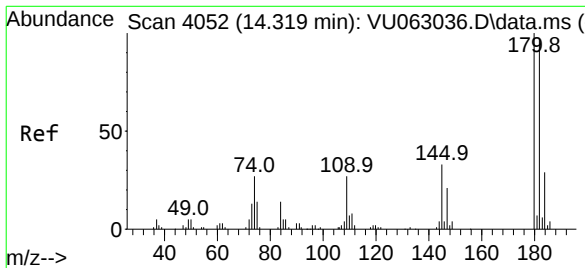
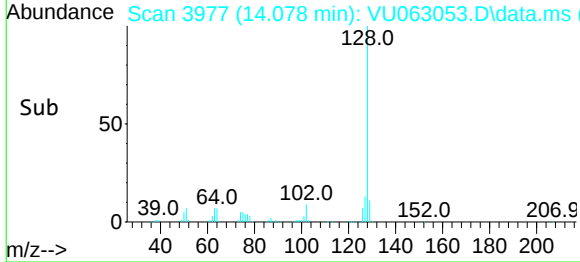
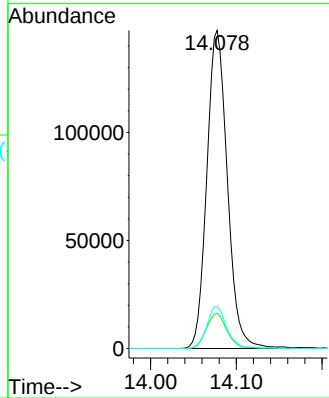
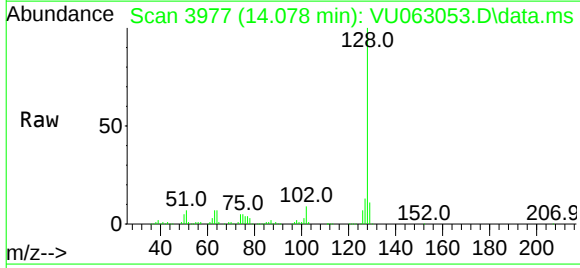




#71
Naphthalene
Concen: 11.488 ug/L
RT: 14.078 min Scan# 3977
Delta R.T. 0.000 min
Lab File: VU063053.D
Acq: 28 Jan 2025 07:21

Instrument :
MSVOA_U
ClientSampleId :
E2959MS

Tgt Ion:	128	Resp:	244675
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.5	12.7
127	12.8	10.2	15.2



#72
1,2,3-Trichlorobenzene
Concen: 7.407 ug/L
RT: 14.319 min Scan# 4052
Delta R.T. 0.000 min
Lab File: VU063053.D
Acq: 28 Jan 2025 07:21

Tgt Ion:	180	Resp:	106224
Ion	Ratio	Lower	Upper
180	100		
182	94.2	79.8	119.6
145	35.8	29.2	43.8

