

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012825\
 Data File : VU063074.D
 Acq On : 28 Jan 2025 18:08
 Operator : MD/SY
 Sample : Q1195-08MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2959MS

Quant Time: Jan 29 09:42:48 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	6.235	114	112644	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	107542	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	66066	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	14481	3.576	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.901	69	13855	4.506	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.554	65	10664	4.404	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.605	46	80253	68.286	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.580%#
24) Chloroform-d	5.049	84	76872	4.779	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.689	65	44143	4.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.711	84	116959	4.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.679	67	33428	5.342	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.800%
41) Toluene-d8	7.888	98	113548	4.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	8.171	79	17730	4.577	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.621	63	62770	64.942	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.880%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	35973	6.054	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	121.000%#
66) 1,2-Dichlorobenzene-d4	12.184	152	55327	4.678	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	44397	4.400	ug/L	96
3) Chloromethane	1.518	50	21803	4.492	ug/L	97
5) Vinyl chloride	1.599	62	24602	4.540	ug/L	84
6) Bromomethane	1.846	94	8309	3.205	ug/L	88
8) Chloroethane	1.924	64	13884	5.074	ug/L	93
9) Trichlorofluoromethane	2.129	101	64775	4.728	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	35257	5.230	ug/L	91
12) 1,1-Dichloroethene	2.567	96	30493	5.211	ug/L	94
13) Acetone	2.612	43	47626	62.672	ug/L	97
14) Carbon disulfide	2.779	76	82385	5.496	ug/L	98
15) Methyl Acetate	2.936	43	10228	7.008	ug/L	98
16) Methylene chloride	3.030	84	34284	5.558	ug/L	97
17) Methyl tert-butyl Ether	3.351	73	108238	6.175	ug/L	98
18) trans-1,2-Dichloroethene	3.338	96	36194	5.780	ug/L	91
19) 1,1-Dichloroethane	3.853	63	61949	5.707	ug/L	97
21) 2-Butanone	4.686	43	73646	71.056	ug/L	95
22) cis-1,2-Dichloroethene	4.653	96	40233	5.376	ug/L	95
23) Bromochloromethane	4.962	128	21858	5.820	ug/L #	85
25) Chloroform	5.075	83	82076	5.234	ug/L	97

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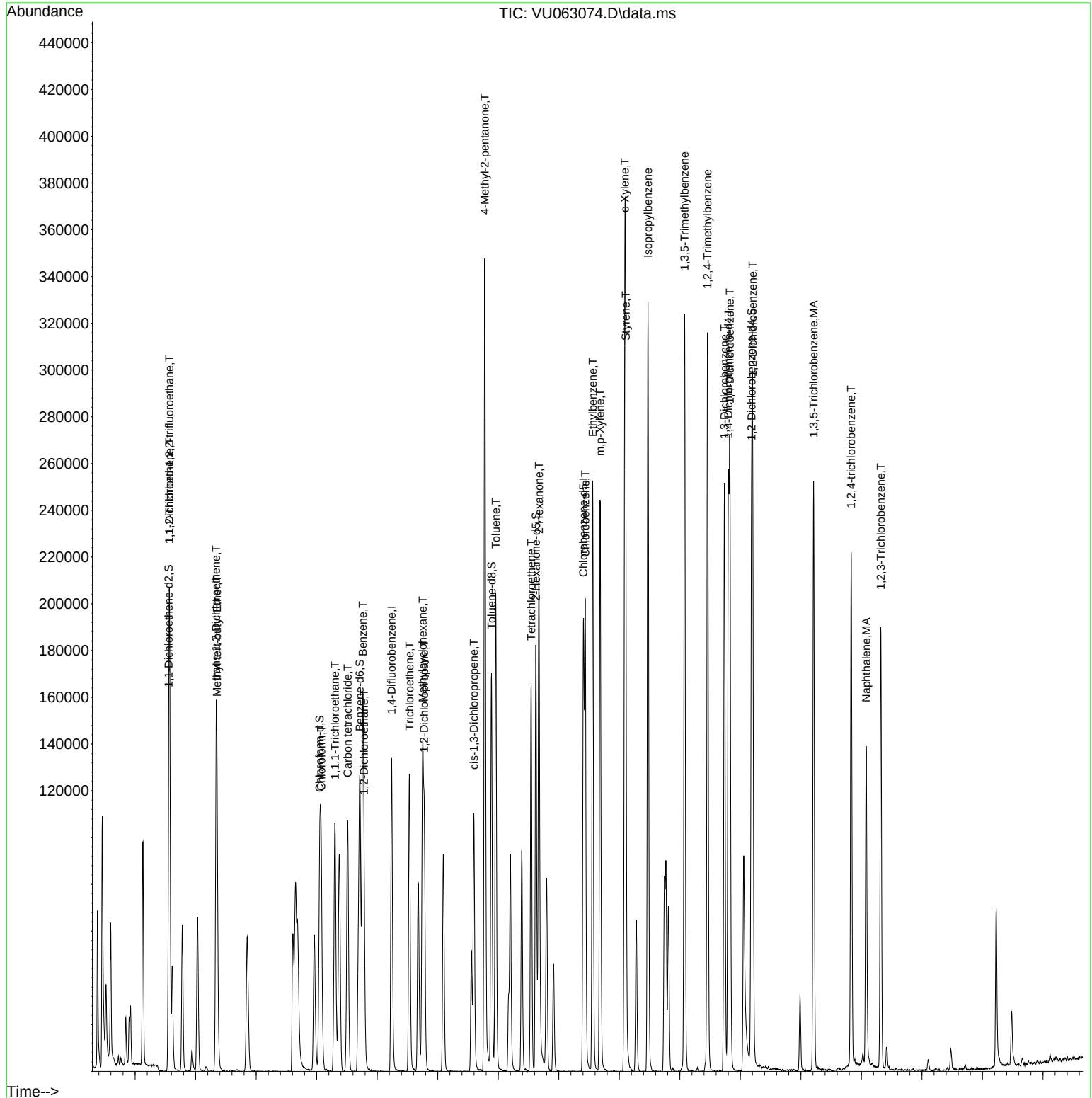
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	56848	5.171	ug/L	100
29) 1,1,1-Trichloroethane	5.300	97	82721	4.961	ug/L	97
30) Cyclohexane	5.374	56	43182	5.559	ug/L	86
31) Carbon tetrachloride	5.512	117	77766	4.844	ug/L	99
33) Benzene	5.759	78	139574	5.357	ug/L	100
34) Trichloroethene	6.531	95	42988	4.855	ug/L	96
35) Methylcyclohexane	6.750	83	57971	5.197	ug/L	95
37) 1,2-Dichloropropane	6.776	63	32346	5.520	ug/L	97
38) Bromodichloromethane	7.091	83	62368	5.311	ug/L	97
39) cis-1,3-Dichloropropene	7.595	75	62317	5.648	ug/L	98
40) 4-Methyl-2-pentanone	7.775	43	187736	66.411	ug/L	96
42) Toluene	7.959	91	151229	4.883	ug/L	98
44) trans-1,3-Dichloropropene	8.200	75	52322	5.149	ug/L	97
45) 1,1,2-Trichloroethane	8.390	97	29829	5.409	ug/L	88
47) Tetrachloroethene	8.544	164	38137	4.953	ug/L	89
48) 2-Hexanone	8.673	43	118611	60.493	ug/L #	96
49) Dibromochloromethane	8.798	129	44119	5.126	ug/L	98
50) 1,2-Dibromoethane	8.914	107	30955	5.556	ug/L	95
51) Chlorobenzene	9.438	112	106272	4.949	ug/L	96
52) Ethylbenzene	9.560	91	178602	4.948	ug/L	99
53) m,p-Xylene	9.682	106	69699	5.001	ug/L	98
54) o-Xylene	10.090	106	69077	5.410	ug/L	96
55) Styrene	10.107	104	115733	5.361	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	37244	6.036	ug/L #	95
59) Bromoform	10.280	173	30834	4.912	ug/L	99
60) Isopropylbenzene	10.473	105	212242	5.070	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	27684	5.207	ug/L	95
62) 1,3,5-Trimethylbenzene	11.078	105	182524	4.973	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	181083	5.216	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	103945	4.891	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	102507	4.808	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	99564	4.979	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.984	75	8597	6.115	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.209	180	83487	4.917	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	70464	5.303	ug/L	98
71) Naphthalene	14.077	128	115098	6.750	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	60709	5.287	ug/L	95

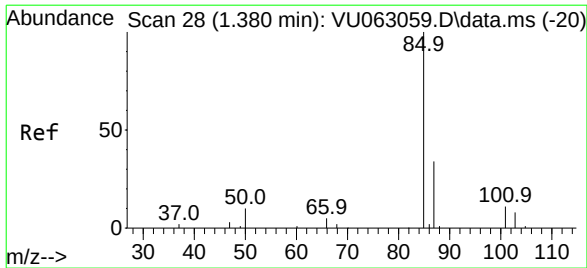
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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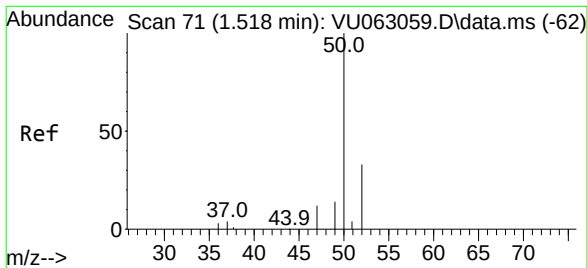
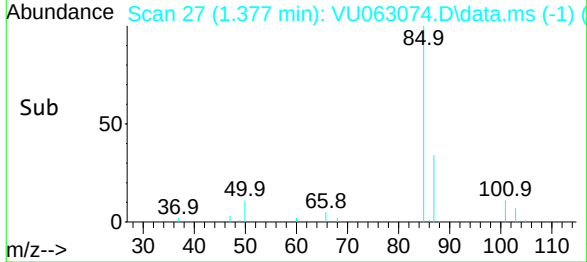
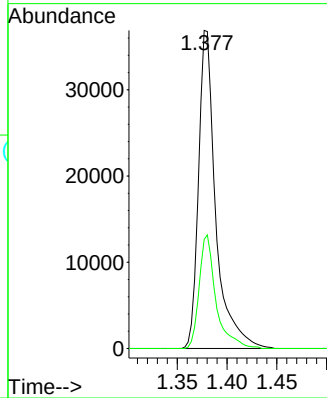
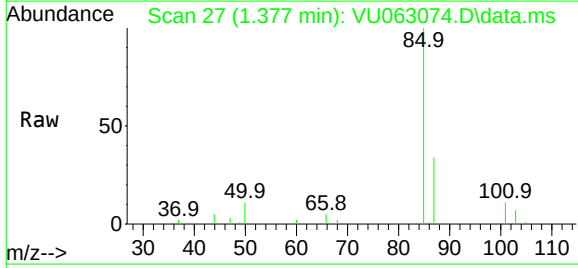




#2
 Dichlorodifluoromethane
 Concen: 4.400 ug/L
 RT: 1.377 min Scan# 27
 Delta R.T. -0.003 min
 Lab File: VU063074.D
 Acq: 28 Jan 2025 18:08

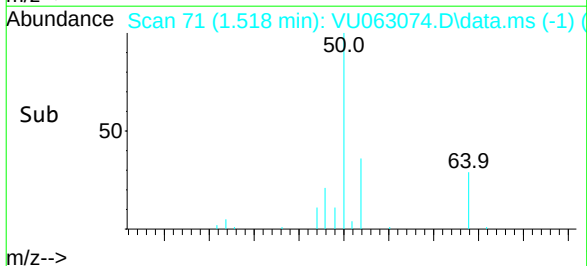
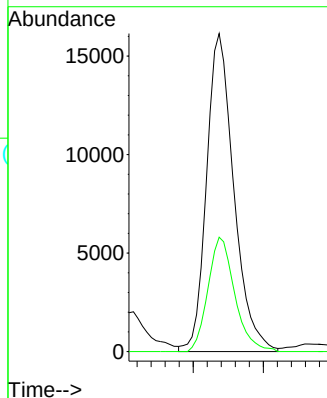
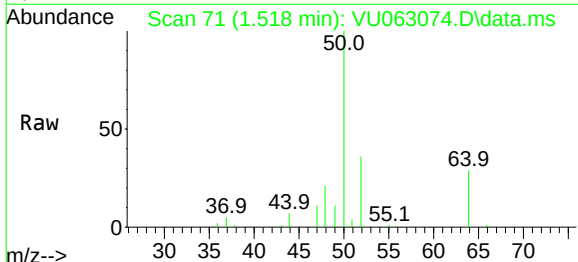
Instrument :
 MSVOA_U
 ClientSampleId :
 E2959MS

Tgt Ion: 85 Resp: 44397
 Ion Ratio Lower Upper
 85 100
 87 34.9 26.1 39.1

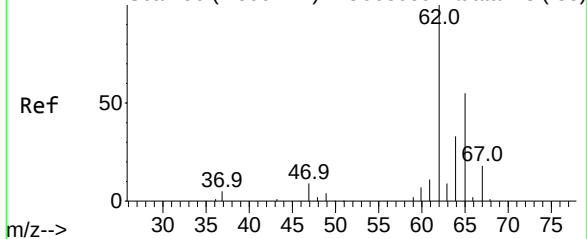


#3
 Chloromethane
 Concen: 4.492 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU063074.D
 Acq: 28 Jan 2025 18:08

Tgt Ion: 50 Resp: 21803
 Ion Ratio Lower Upper
 50 100
 52 36.0 24.1 44.7



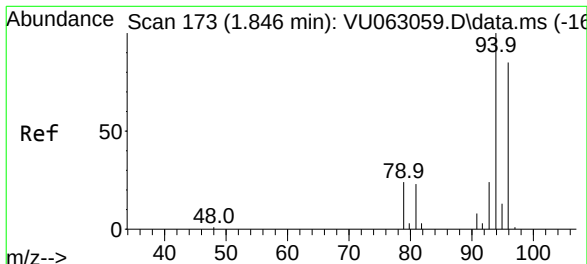
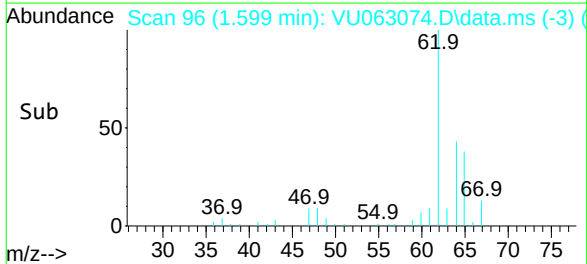
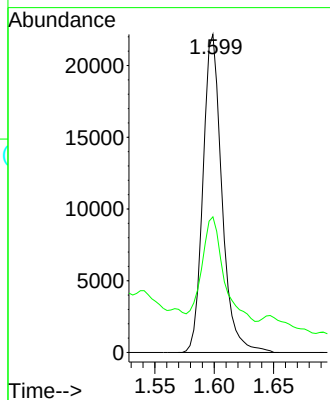
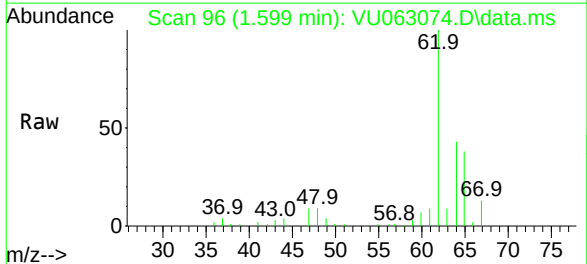
Abundance Scan 96 (1.599 min): VU063059.D\data.ms (-88)



#5
Vinyl chloride
Concen: 4.540 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063074.D
Acq: 28 Jan 2025 18:08

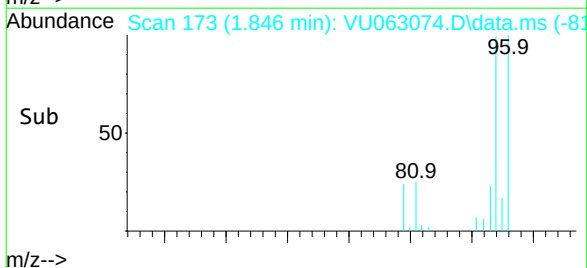
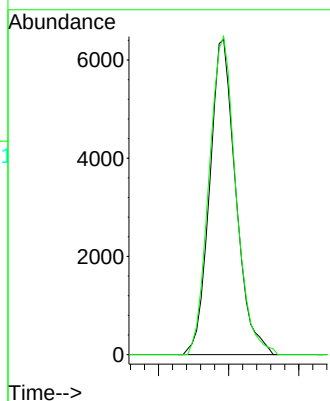
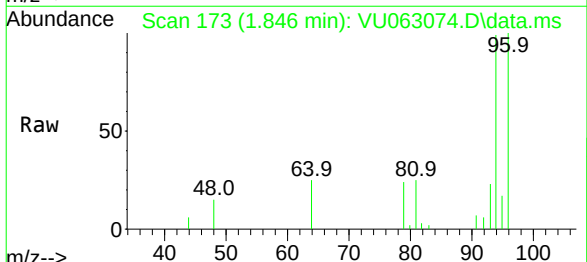
Instrument :
MSVOA_U
ClientSampleId :
E2959MS

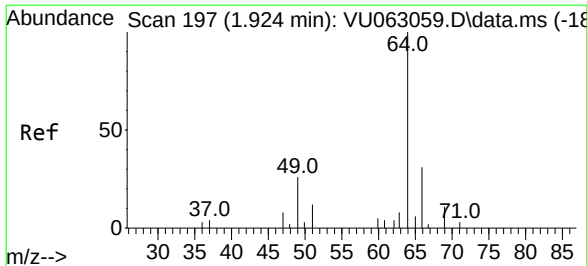
Tgt Ion: 62 Resp: 24602
Ion Ratio Lower Upper
62 100
64 42.7 23.4 43.4



#6
Bromomethane
Concen: 3.205 ug/L
RT: 1.846 min Scan# 173
Delta R.T. -0.003 min
Lab File: VU063074.D
Acq: 28 Jan 2025 18:08

Tgt Ion: 94 Resp: 8309
Ion Ratio Lower Upper
94 100
96 100.9 62.9 116.7

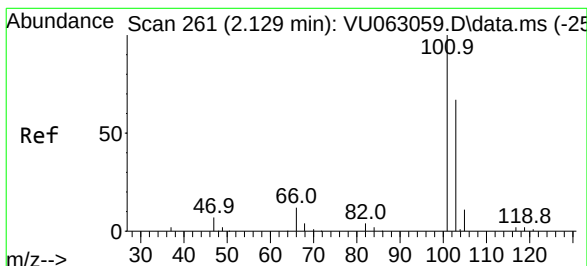
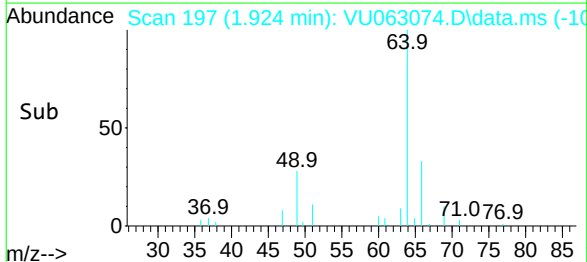
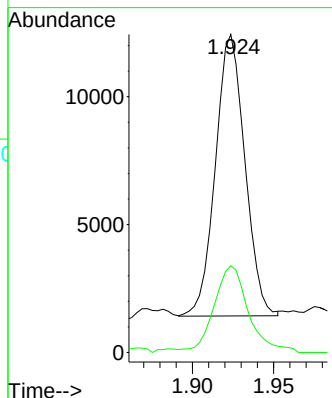
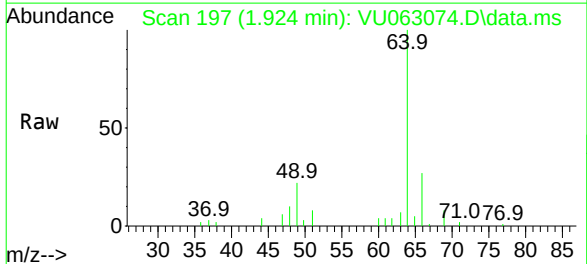




#8
Chloroethane
Concen: 5.074 ug/L
RT: 1.924 min Scan# 197
Delta R.T. -0.003 min
Lab File: VU063074.D
Acq: 28 Jan 2025 18:08

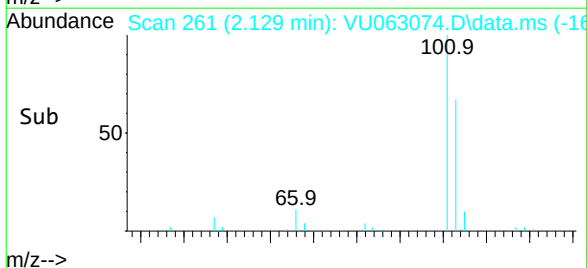
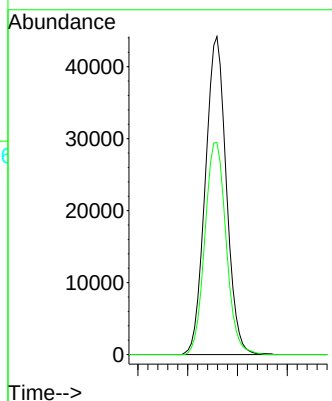
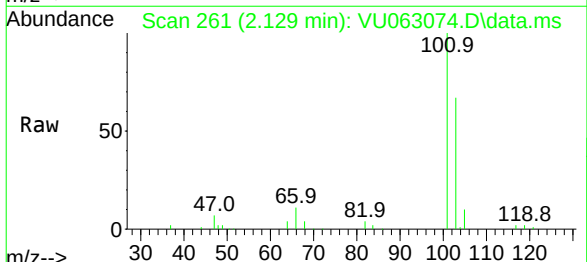
Instrument :
MSVOA_U
ClientSampleId :
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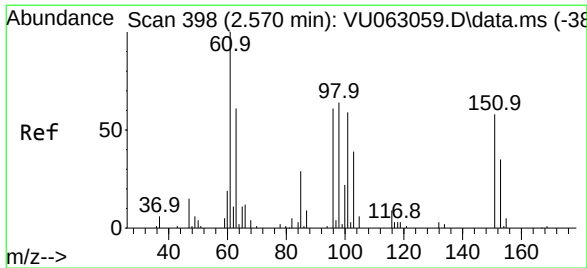
Tgt Ion: 64 Resp: 13884
Ion Ratio Lower Upper
64 100
66 27.3 21.6 40.2



#9
Trichlorofluoromethane
Concen: 4.728 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.000 min
Lab File: VU063074.D
Acq: 28 Jan 2025 18:08

Tgt Ion: 101 Resp: 64775
Ion Ratio Lower Upper
101 100
103 67.5 51.4 77.0

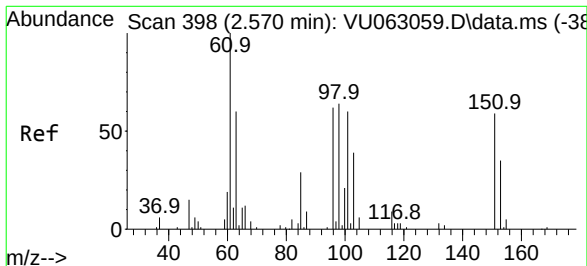
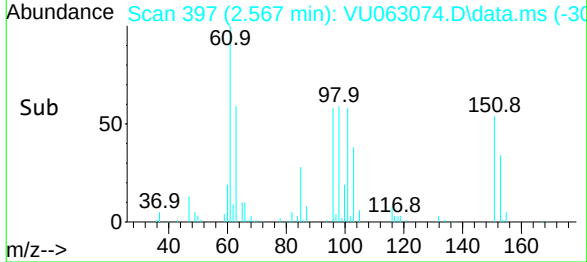
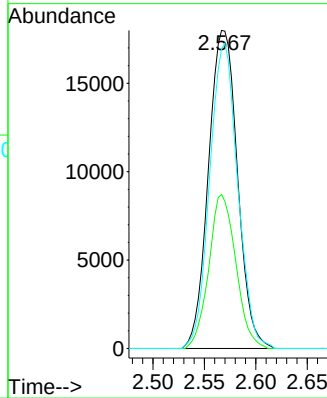
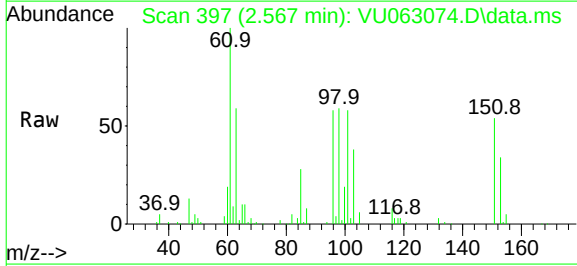




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.230 ug/L
RT: 2.567 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU063074.D
Acq: 28 Jan 2025 18:08

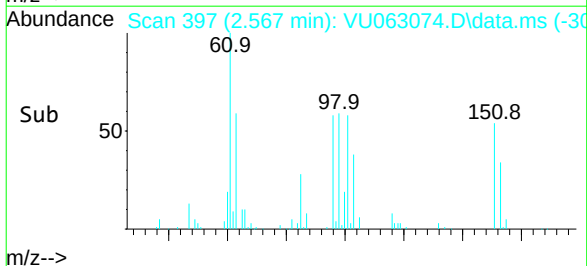
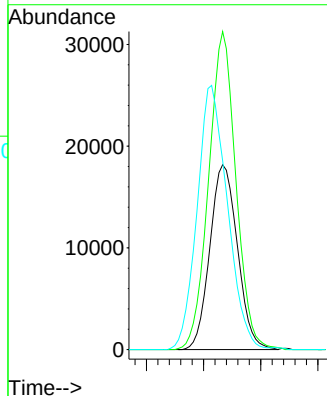
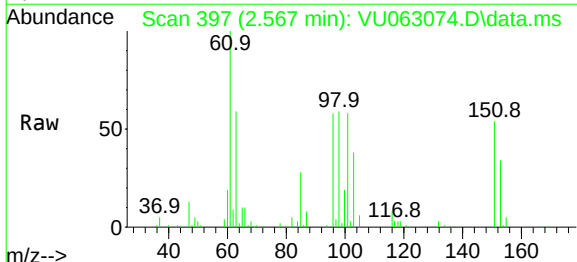
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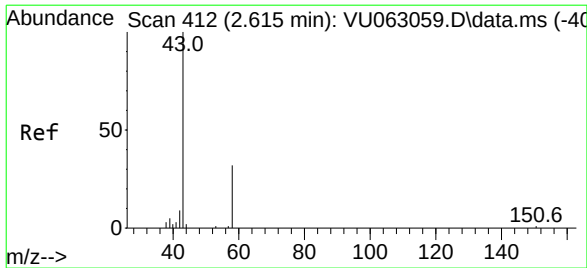
Tgt Ion	Ratio	Lower	Upper
101	100		
85	45.1	37.0	55.6
151	92.5	64.4	96.6



#12
1,1-Dichloroethene
Concen: 5.211 ug/L
RT: 2.567 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU063074.D
Acq: 28 Jan 2025 18:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.1	120.4	223.6
63	102.2	82.3	152.9





#13

Acetone

Concen: 62.672 ug/L

RT: 2.612 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU063074.D

Acq: 28 Jan 2025 18:08

Instrument :

MSVOA_U

ClientSampleId :

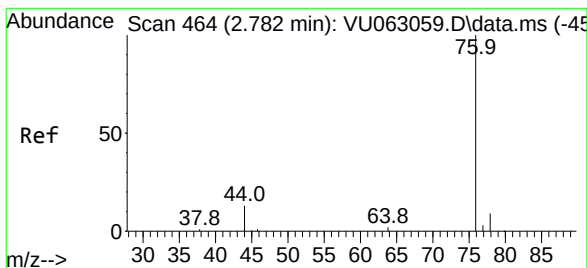
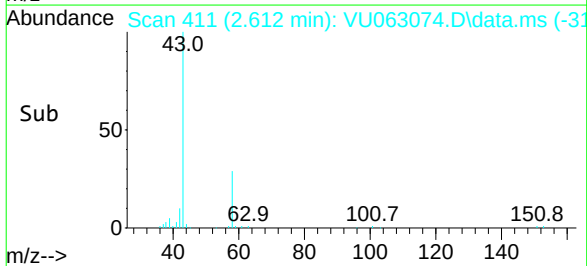
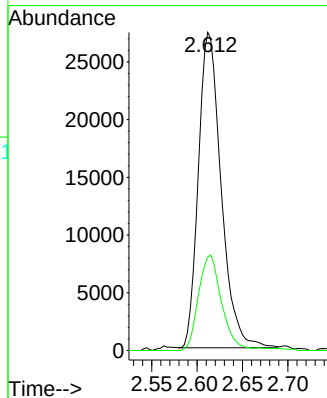
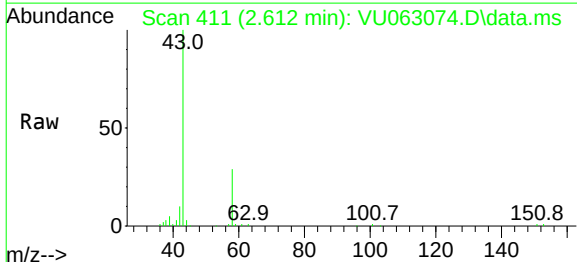
E2959MS

Tgt Ion: 43 Resp: 47626

Ion Ratio Lower Upper

43 100

58 30.5 0.0 64.4



#14

Carbon disulfide

Concen: 5.496 ug/L

RT: 2.779 min Scan# 463

Delta R.T. -0.003 min

Lab File: VU063074.D

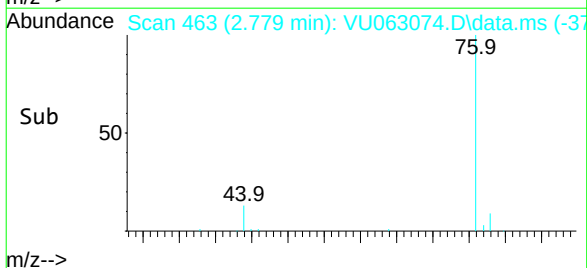
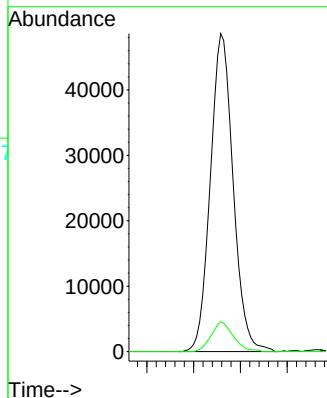
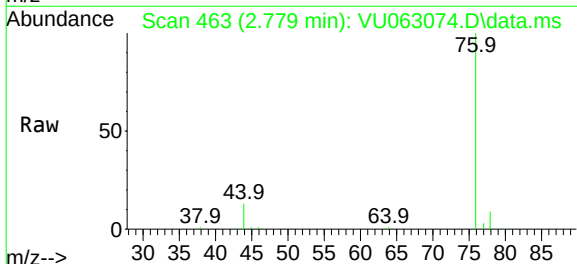
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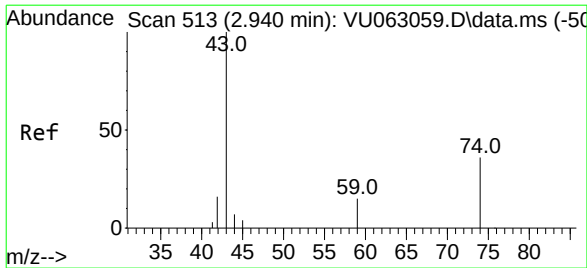
Tgt Ion: 76 Resp: 82385

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6

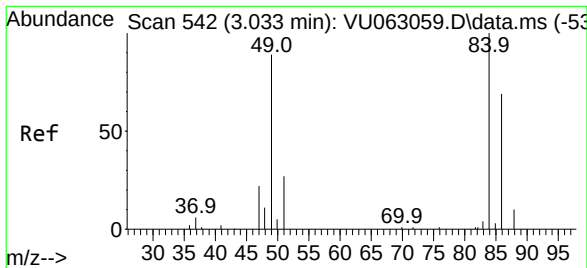
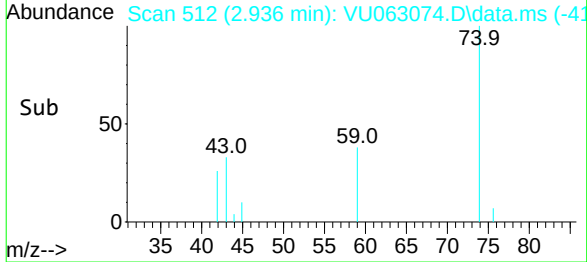
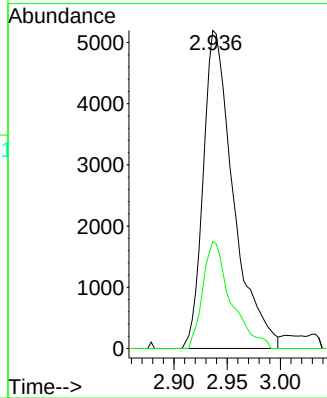
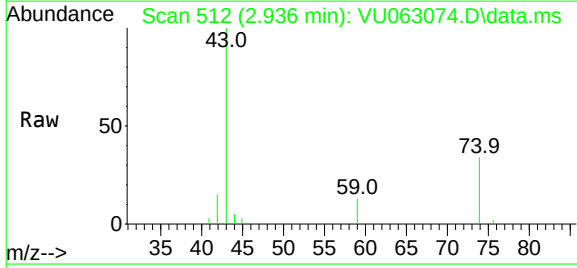




#15
Methyl Acetate
Concen: 7.008 ug/L
RT: 2.936 min Scan# 511
Delta R.T. 0.000 min
Lab File: VU063074.D
Acq: 28 Jan 2025 18:08

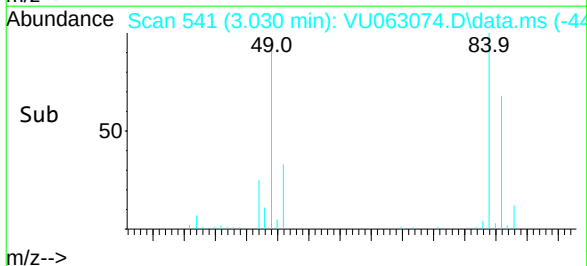
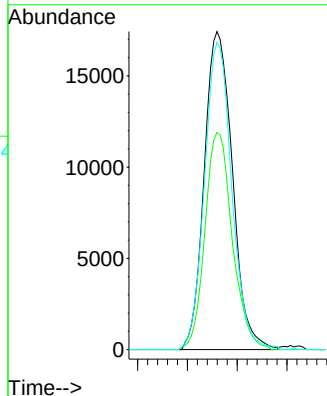
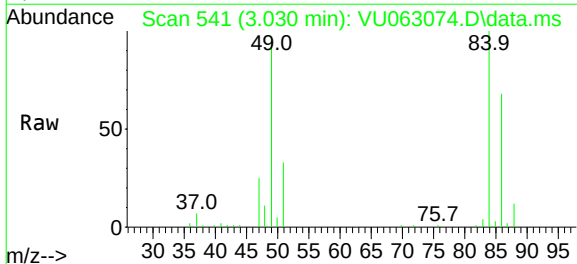
Instrument :
MSVOA_U
ClientSampleId :
E2959MS

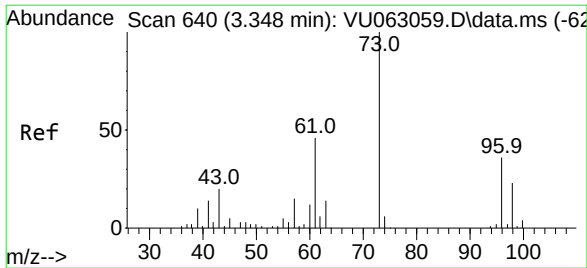
Tgt Ion: 43 Resp: 10228
Ion Ratio Lower Upper
43 100
74 31.3 24.4 36.6



#16
Methylene chloride
Concen: 5.558 ug/L
RT: 3.030 min Scan# 541
Delta R.T. -0.003 min
Lab File: VU063074.D
Acq: 28 Jan 2025 18:08

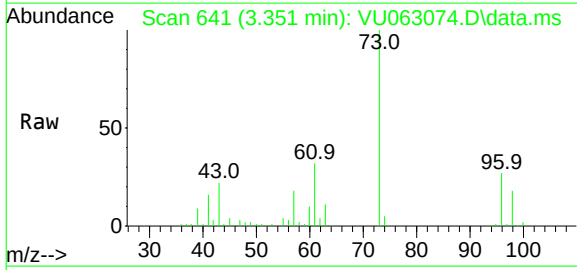
Tgt Ion: 84 Resp: 34284
Ion Ratio Lower Upper
84 100
86 68.3 44.7 83.1
49 96.6 68.3 126.9



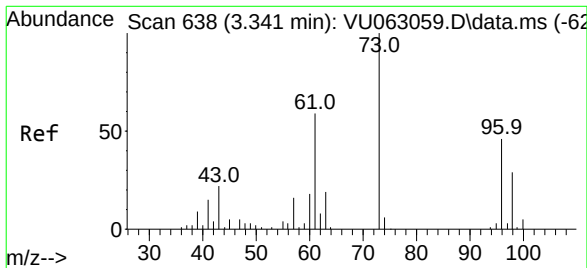
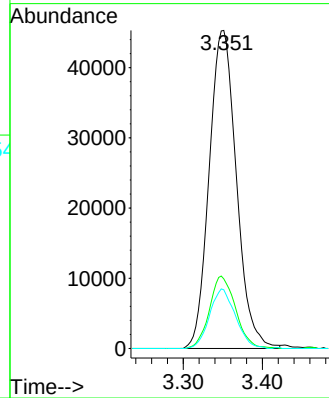
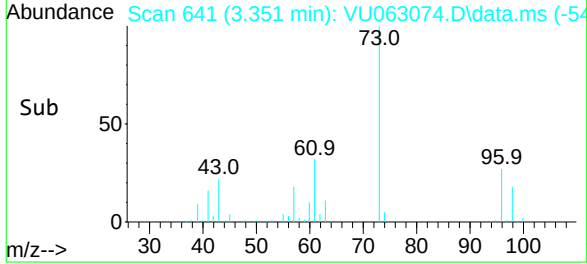


#17
Methyl tert-butyl Ether
Concen: 6.175 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU063074.D
Acq: 28 Jan 2025 18:08

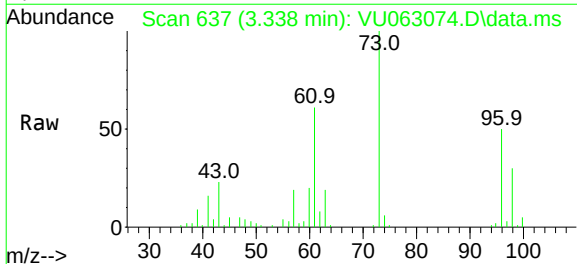
Instrument :
MSVOA_U
ClientSampleId :
E2959MS



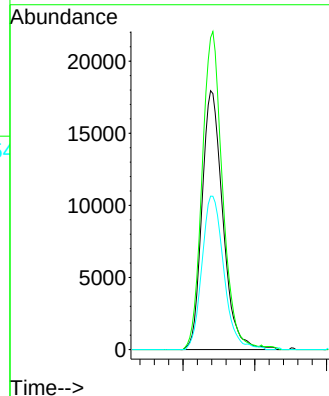
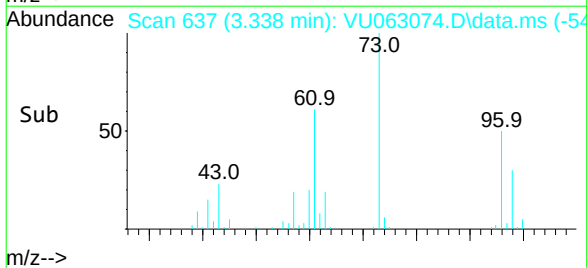
Tgt Ion: 73 Resp: 108238
Ion Ratio Lower Upper
73 100
43 21.9 16.2 24.4
57 17.8 14.6 22.0

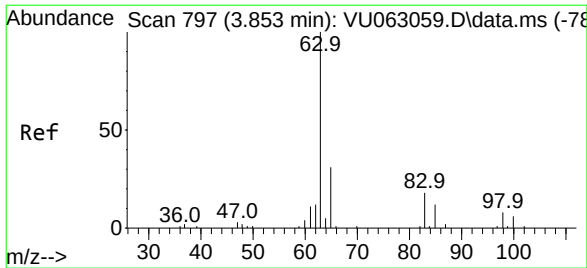


#18
trans-1,2-Dichloroethene
Concen: 5.780 ug/L
RT: 3.338 min Scan# 637
Delta R.T. -0.003 min
Lab File: VU063074.D
Acq: 28 Jan 2025 18:08



Tgt Ion: 96 Resp: 36194
Ion Ratio Lower Upper
96 100
61 120.5 94.4 175.2
98 59.3 42.8 79.4

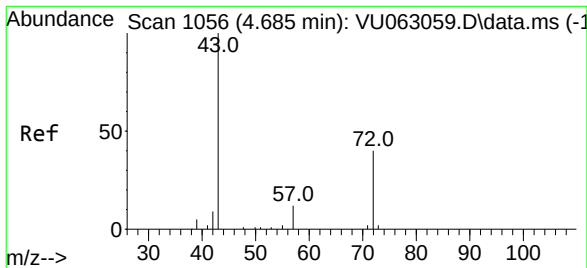
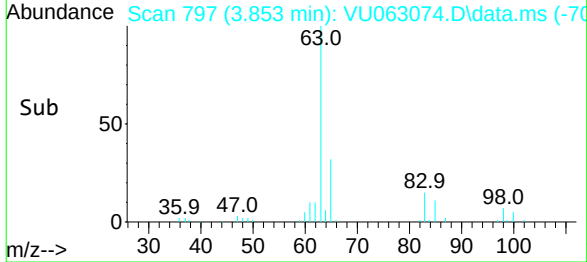
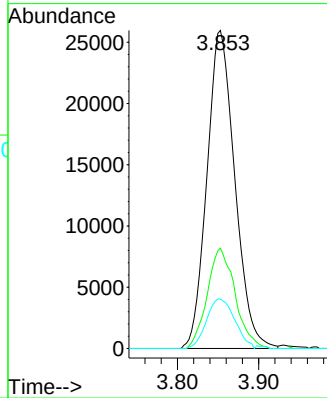
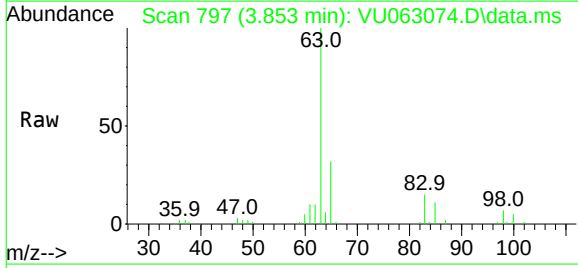




#19
1,1-Dichloroethane
Concen: 5.707 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU063074.D
Acq: 28 Jan 2025 18:08

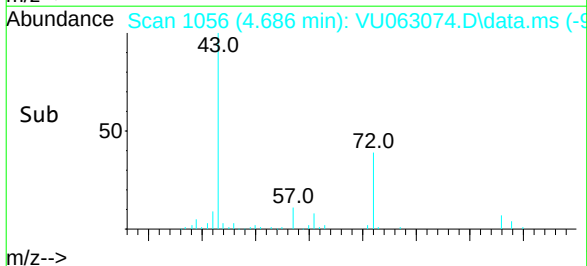
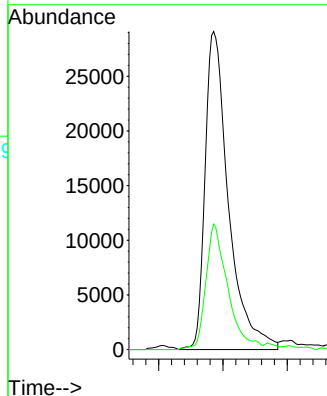
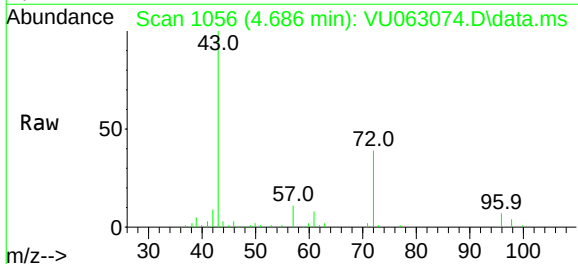
Instrument :
MSVOA_U
ClientSampleId :
E2959MS

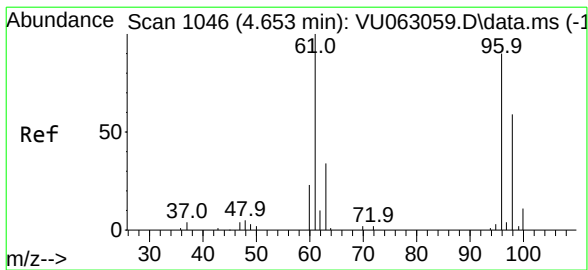
Tgt Ion: 63 Resp: 61949
Ion Ratio Lower Upper
63 100
65 31.5 20.7 38.5
83 15.5 10.5 19.5



#21
2-Butanone
Concen: 71.056 ug/L
RT: 4.686 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VU063074.D
Acq: 28 Jan 2025 18:08

Tgt Ion: 43 Resp: 73646
Ion Ratio Lower Upper
43 100
72 36.8 17.1 51.2

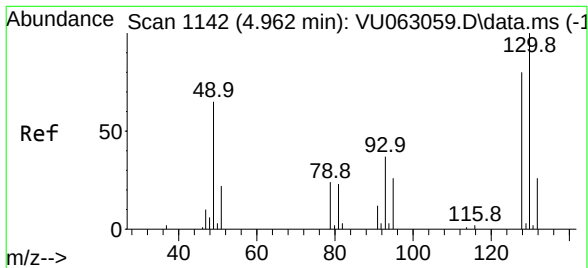
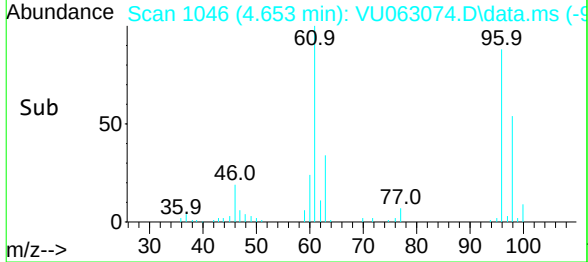
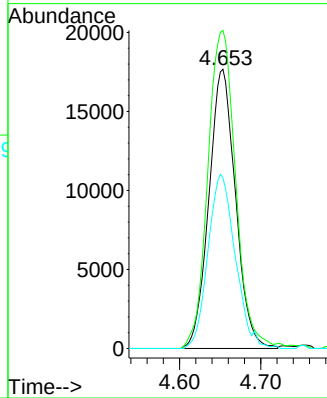
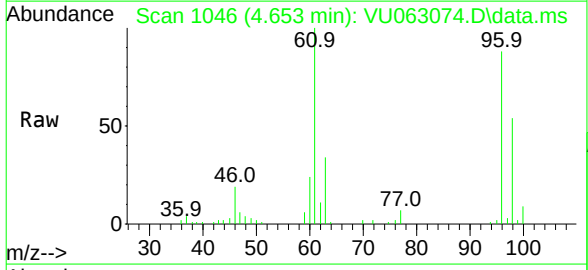




#22
 cis-1,2-Dichloroethene
 Concen: 5.376 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. 0.000 min
 Lab File: VU063074.D
 Acq: 28 Jan 2025 18:08

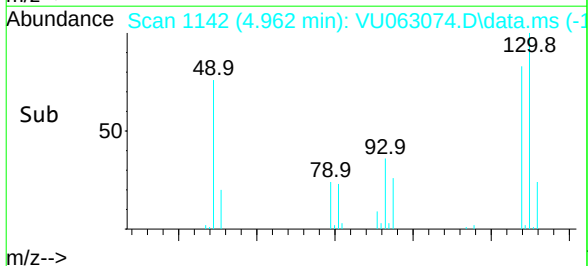
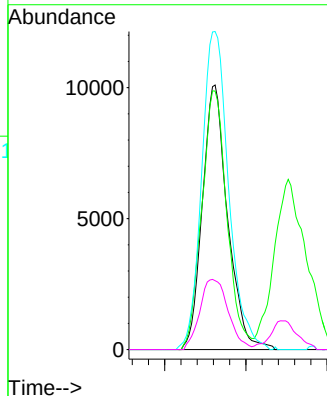
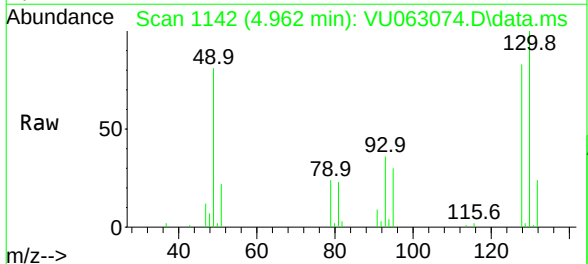
Instrument :
 MSVOA_U
 ClientSampleId :
 E2959MS

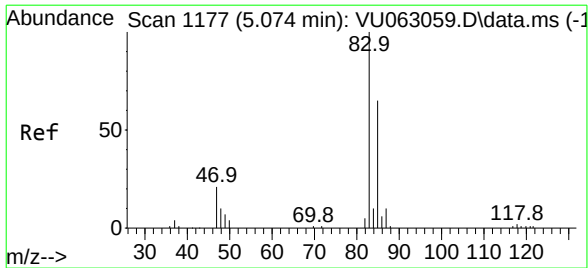
Tgt Ion:	96	Resp:	40233
Ion	Ratio	Lower	Upper
96	100		
61	113.9	84.8	157.6
98	61.1	43.1	80.1



#23
 Bromochloromethane
 Concen: 5.820 ug/L
 RT: 4.962 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VU063074.D
 Acq: 28 Jan 2025 18:08

Tgt Ion:	128	Resp:	21858
Ion	Ratio	Lower	Upper
128	100		
49	97.7	81.1	150.7
130	120.2	94.9	176.3
51	26.0	30.6	46.0

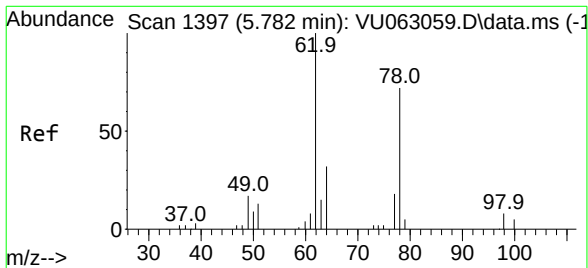
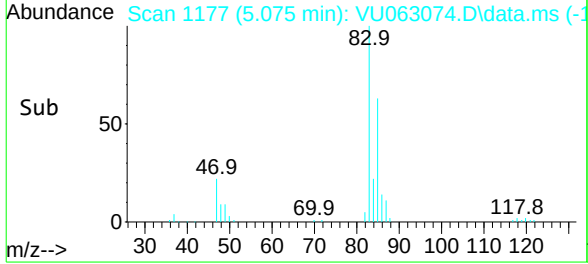
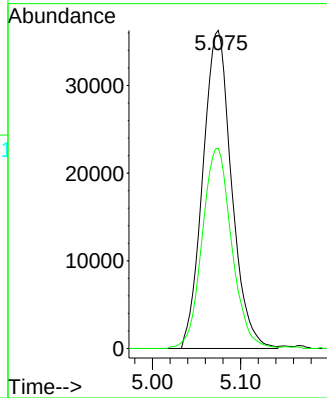
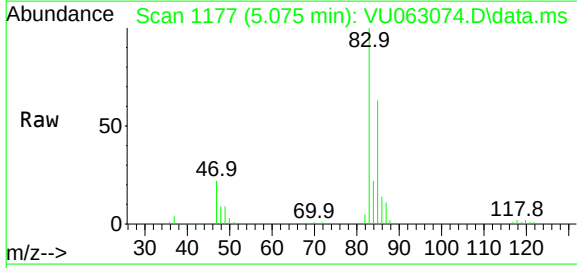




#25
Chloroform
Concen: 5.234 ug/L
RT: 5.075 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VU063074.D
Acq: 28 Jan 2025 18:08

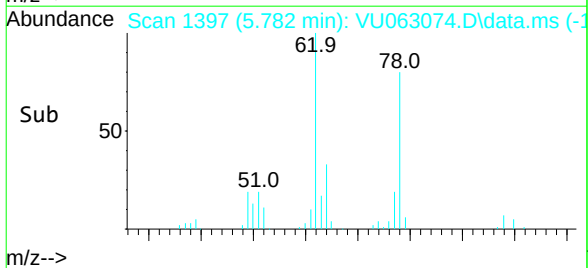
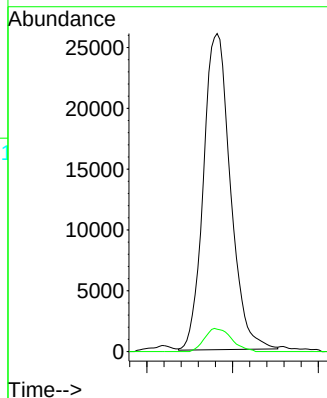
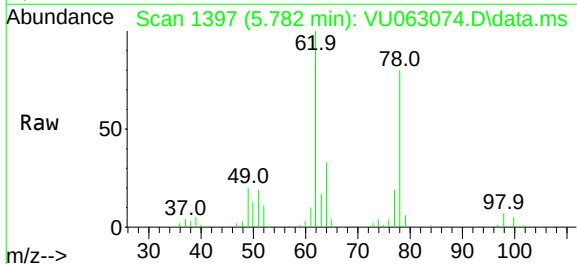
Instrument :
MSVOA_U
ClientSampleId :
E2959MS

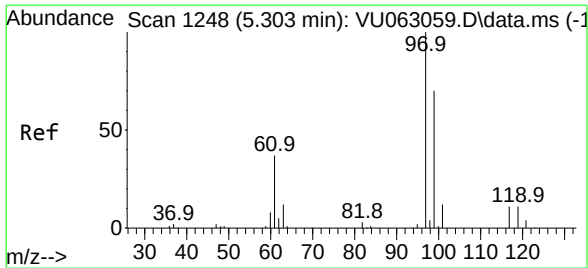
Tgt Ion: 83 Resp: 82076
Ion Ratio Lower Upper
83 100
85 62.9 45.8 85.2



#27
1,2-Dichloroethane
Concen: 5.171 ug/L
RT: 5.782 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VU063074.D
Acq: 28 Jan 2025 18:08

Tgt Ion: 62 Resp: 56848
Ion Ratio Lower Upper
62 100
98 7.0 5.8 8.6

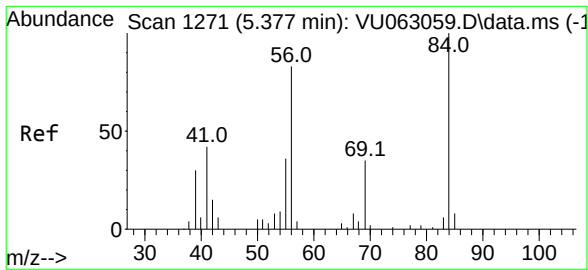
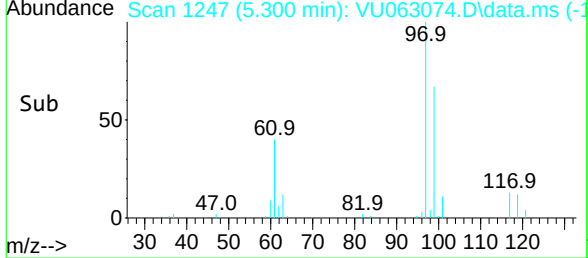
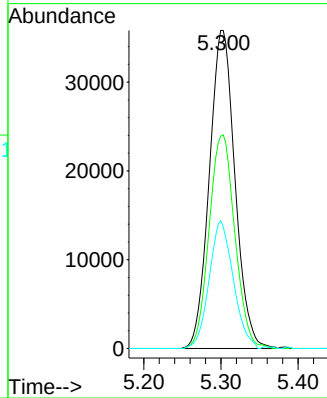
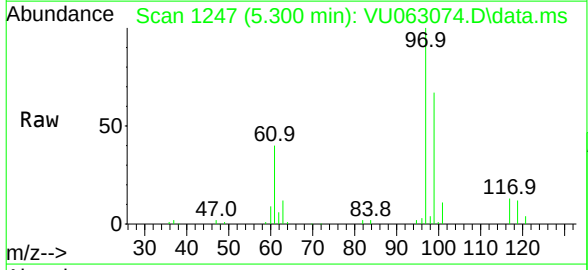




#29
1,1,1-Trichloroethane
Concen: 4.961 ug/L
RT: 5.300 min Scan# 1248
Delta R.T. -0.003 min
Lab File: VU063074.D
Acq: 28 Jan 2025 18:08

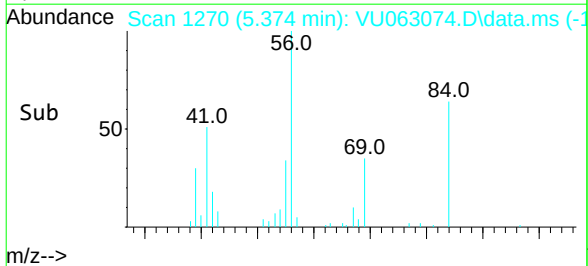
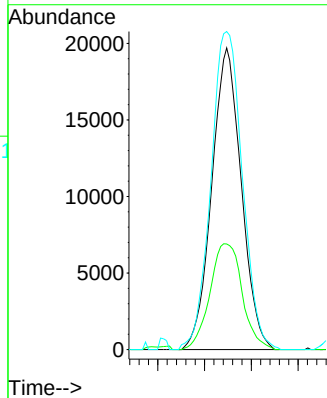
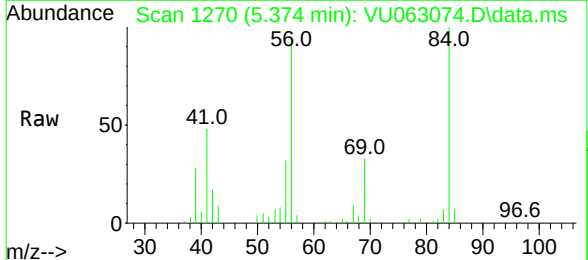
Instrument :
MSVOA_U
ClientSampleId :
E2959MS

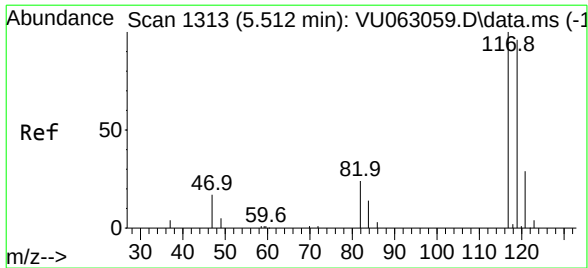
Tgt Ion:	97	Resp:	82721
Ion	Ratio	Lower	Upper
97	100		
99	67.3	52.4	78.6
61	37.8	32.2	48.4



#30
Cyclohexane
Concen: 5.559 ug/L
RT: 5.374 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VU063074.D
Acq: 28 Jan 2025 18:08

Tgt Ion:	56	Resp:	43182
Ion	Ratio	Lower	Upper
56	100		
69	38.3	28.3	42.5
84	112.2	76.5	114.7





#31

Carbon tetrachloride

Concen: 4.844 ug/L

RT: 5.512 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VU063074.D

Acq: 28 Jan 2025 18:08

Instrument :

MSVOA_U

ClientSampleId :

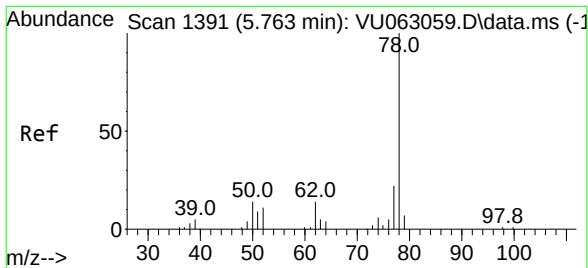
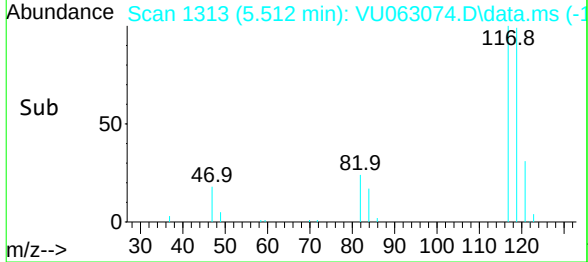
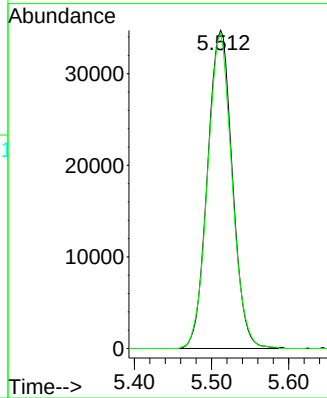
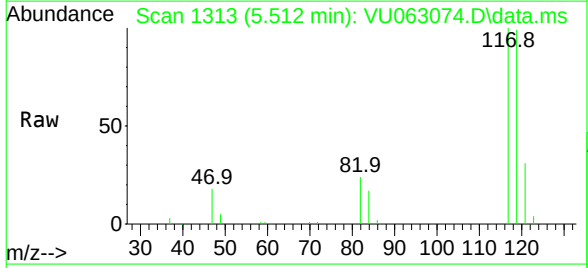
E2959MS

Tgt Ion:117 Resp: 77766

Ion Ratio Lower Upper

117 100

119 97.6 78.6 118.0



#33

Benzene

Concen: 5.357 ug/L

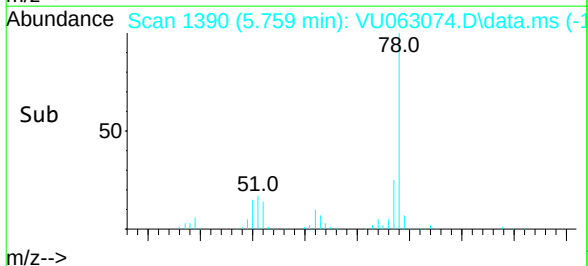
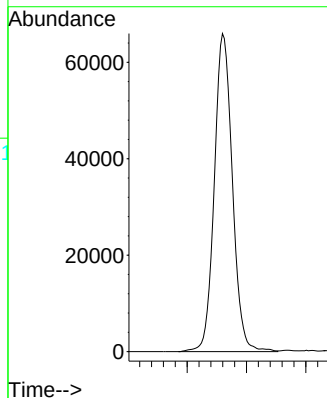
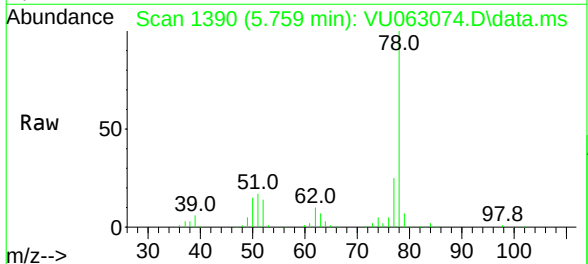
RT: 5.759 min Scan# 1390

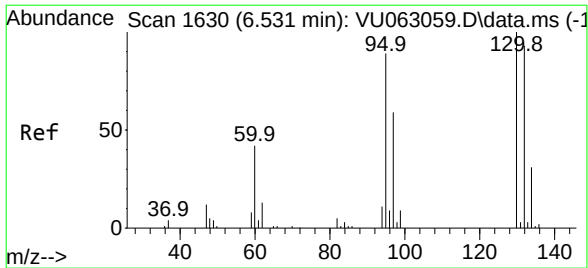
Delta R.T. 0.000 min

Lab File: VU063074.D

Acq: 28 Jan 2025 18:08

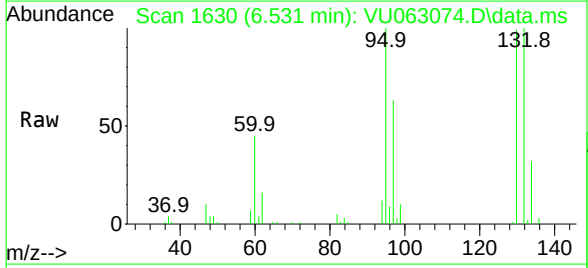
Tgt Ion: 78 Resp: 139574





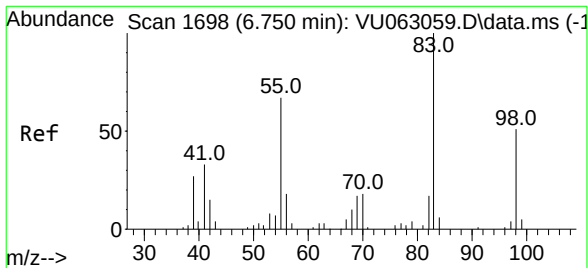
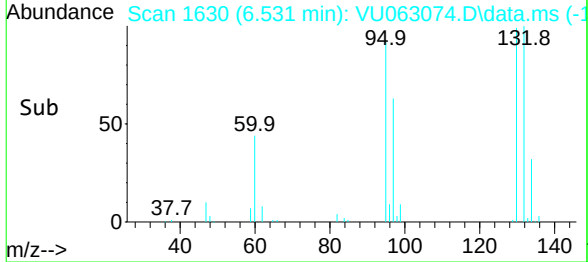
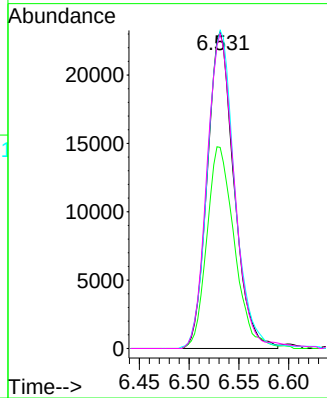
#34
Trichloroethene
Concen: 4.855 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VU063074.D
Acq: 28 Jan 2025 18:08

Instrument :
MSVOA_U
ClientSampleId :
E2959MS



Tgt Ion: 95 Resp: 42988

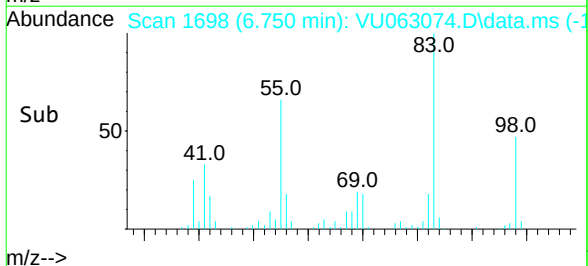
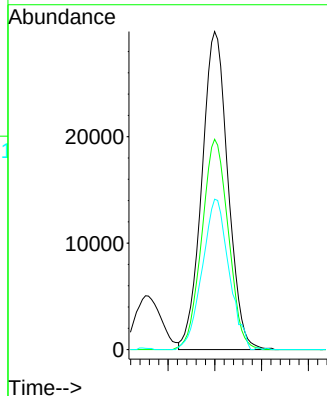
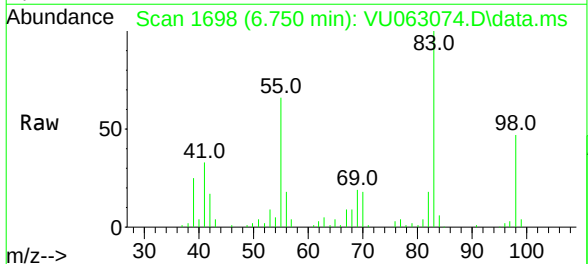
Ion	Ratio	Lower	Upper
95	100		
97	63.5	47.5	88.3
132	100.4	66.9	124.3
130	99.4	68.6	127.4

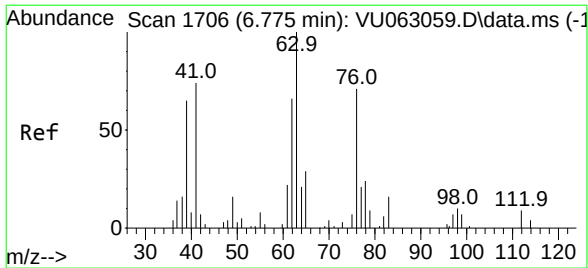


#35
Methylcyclohexane
Concen: 5.197 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU063074.D
Acq: 28 Jan 2025 18:08

Tgt Ion: 83 Resp: 57971

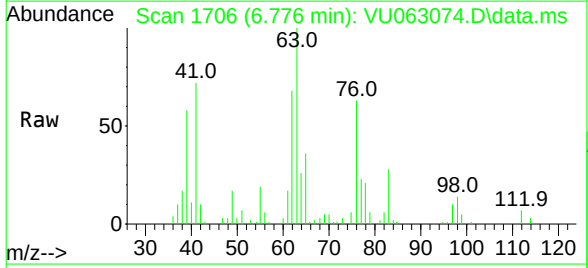
Ion	Ratio	Lower	Upper
83	100		
55	67.1	57.2	85.8
98	48.3	36.6	55.0



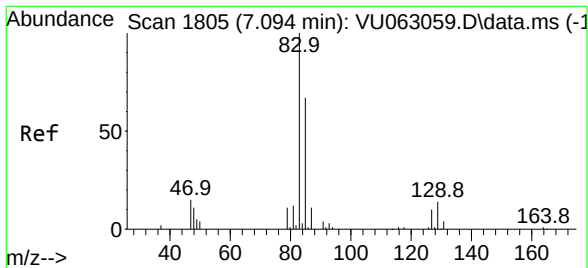
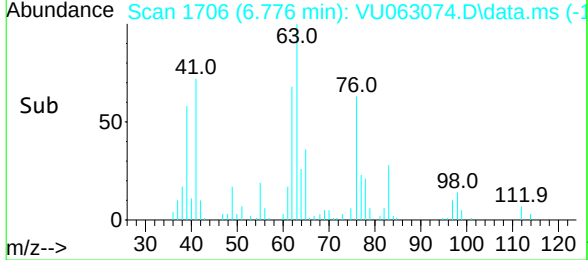
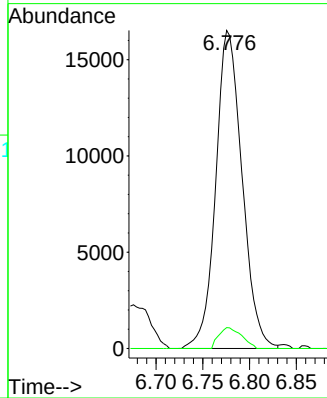


#37
1,2-Dichloropropane
Concen: 5.520 ug/L
RT: 6.776 min Scan# 17
Delta R.T. -0.003 min
Lab File: VU063074.D
Acq: 28 Jan 2025 18:08

Instrument :
MSVOA_U
ClientSampleId :
E2959MS

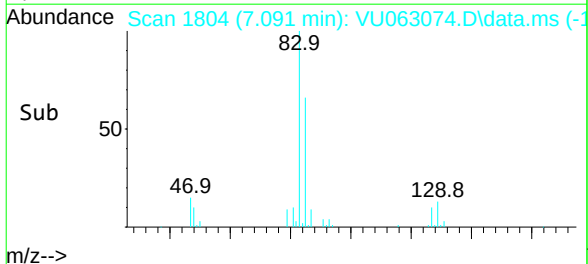
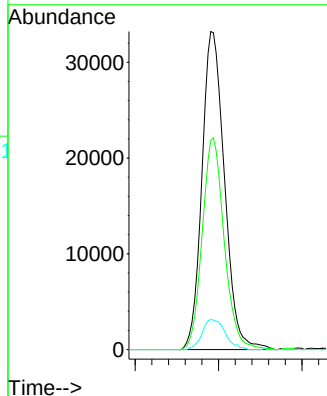
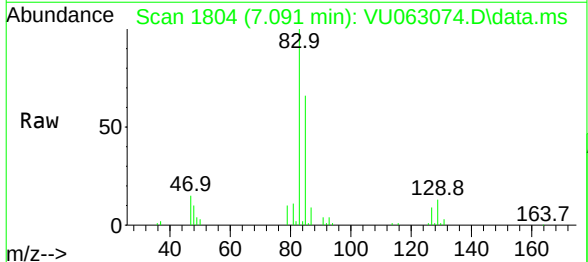


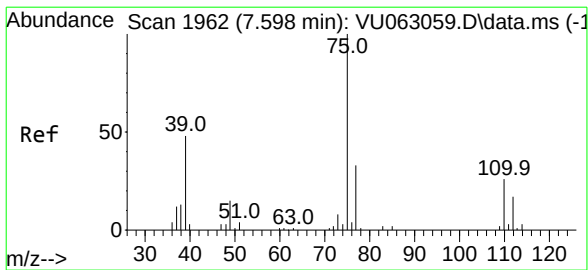
Tgt Ion: 63 Resp: 32346
Ion Ratio Lower Upper
63 100
112 5.7 3.8 5.8



#38
Bromodichloromethane
Concen: 5.311 ug/L
RT: 7.091 min Scan# 1804
Delta R.T. -0.003 min
Lab File: VU063074.D
Acq: 28 Jan 2025 18:08

Tgt Ion: 83 Resp: 62368
Ion Ratio Lower Upper
83 100
85 65.8 44.2 82.0
127 9.5 7.8 11.8

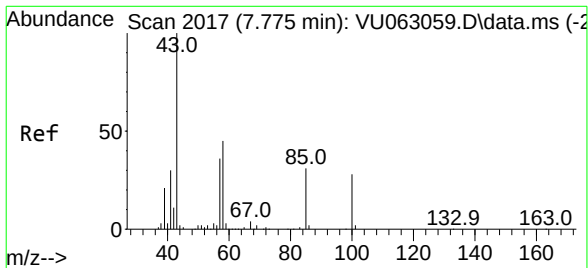
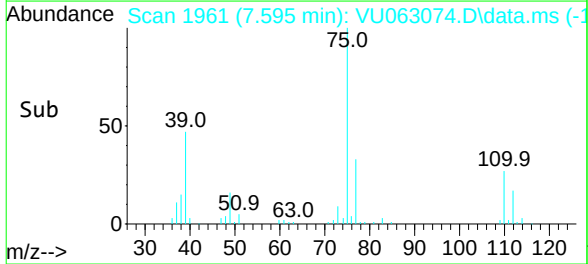
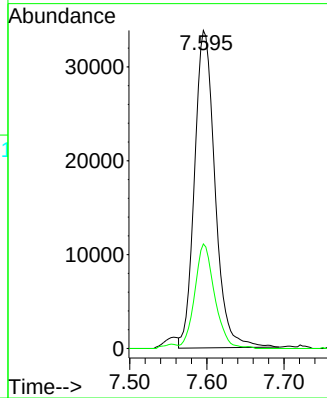
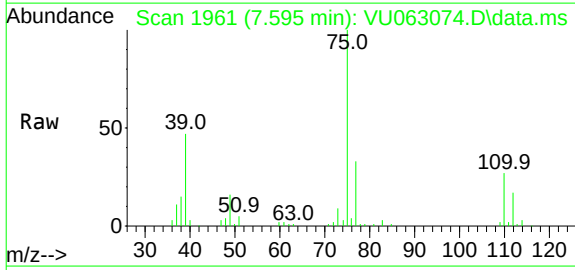




#39
 cis-1,3-Dichloropropene
 Concen: 5.648 ug/L
 RT: 7.595 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VU063074.D
 Acq: 28 Jan 2025 18:08

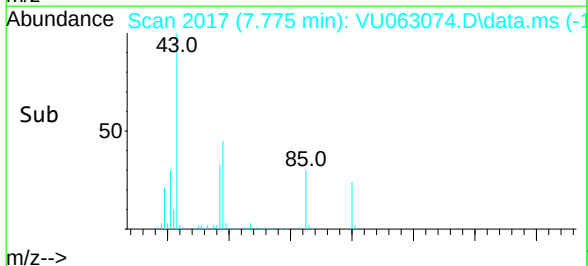
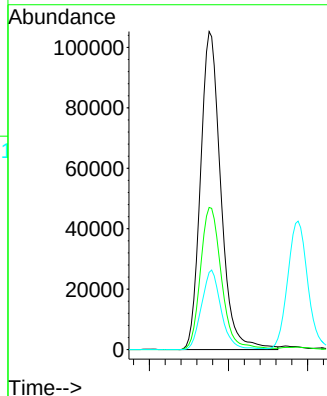
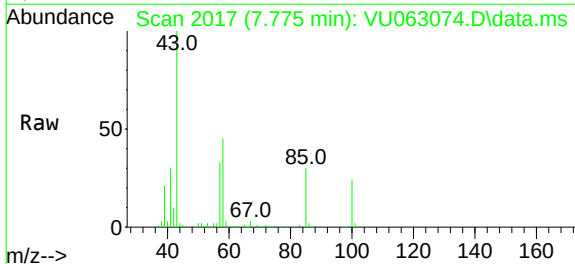
Instrument :
 MSVOA_U
 ClientSampleId :
 E2959MS

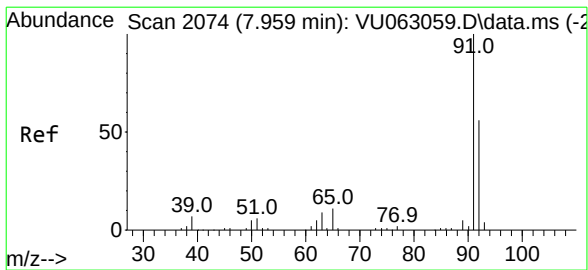
Tgt Ion: 75 Resp: 62317
 Ion Ratio Lower Upper
 75 100
 77 32.9 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 66.411 ug/L
 RT: 7.775 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VU063074.D
 Acq: 28 Jan 2025 18:08

Tgt Ion: 43 Resp: 187736
 Ion Ratio Lower Upper
 43 100
 58 46.2 35.8 53.8
 100 24.3 16.8 25.2





#42

Toluene

Concen: 4.883 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU063074.D

Acq: 28 Jan 2025 18:08

Instrument :

MSVOA_U

ClientSampleId :

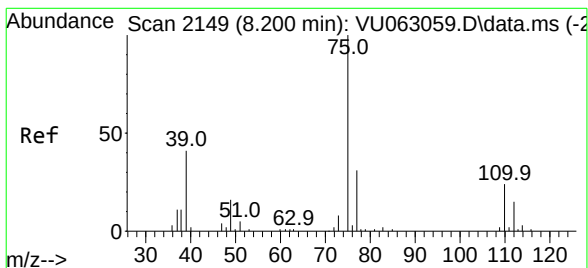
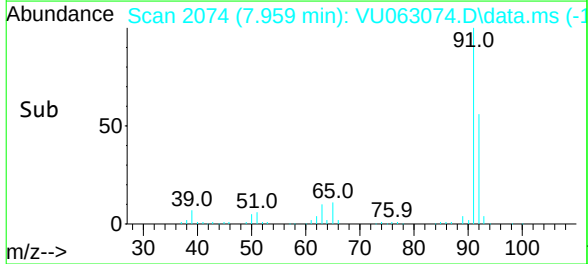
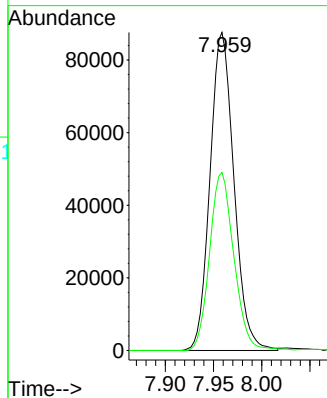
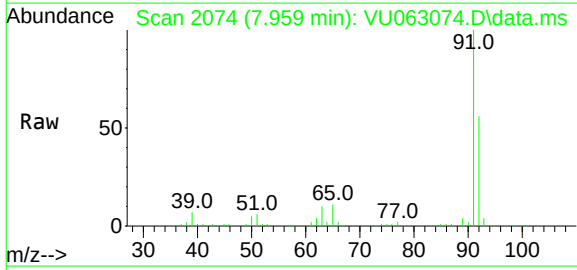
E2959MS

Tgt Ion: 91 Resp: 151229

Ion Ratio Lower Upper

91 100

92 56.0 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 5.149 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. 0.000 min

Lab File: VU063074.D

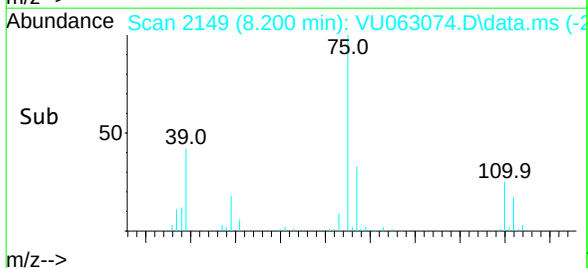
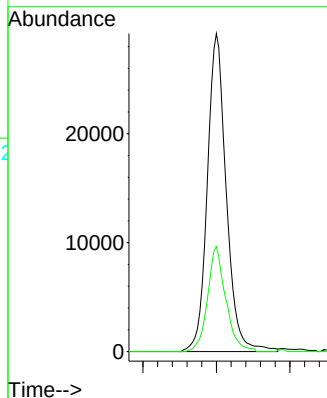
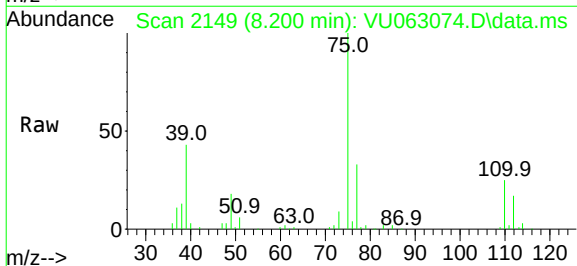
Acq: 28 Jan 2025 18:08

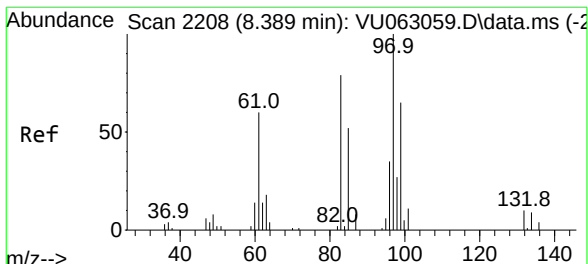
Tgt Ion: 75 Resp: 52322

Ion Ratio Lower Upper

75 100

77 33.0 21.8 40.6

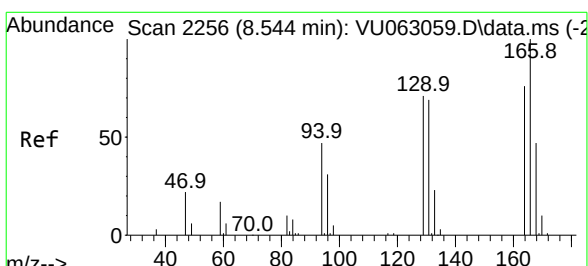
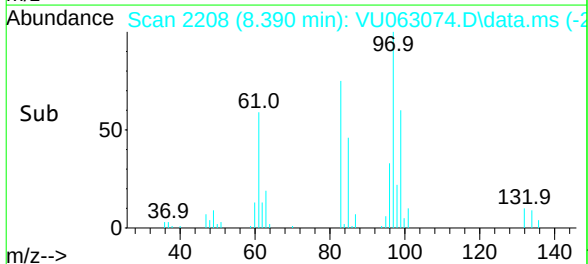
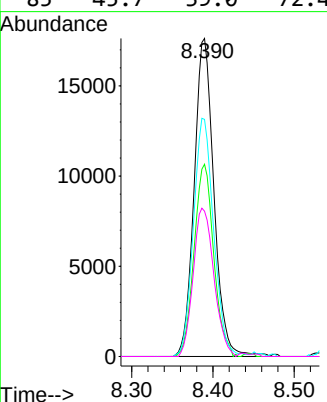
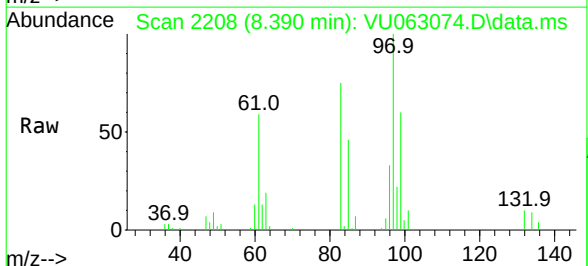




#45
 1,1,2-Trichloroethane
 Concen: 5.409 ug/L
 RT: 8.390 min Scan# 2208
 Delta R.T. 0.003 min
 Lab File: VU063074.D
 Acq: 28 Jan 2025 18:08

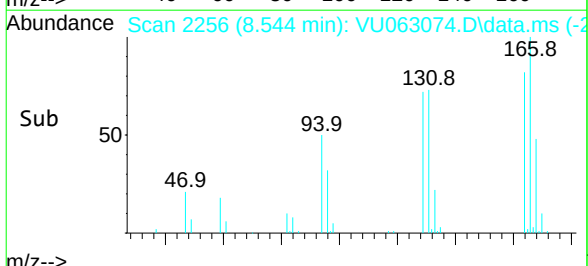
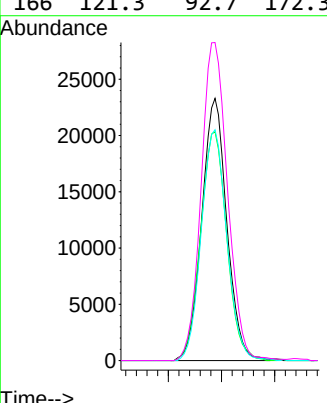
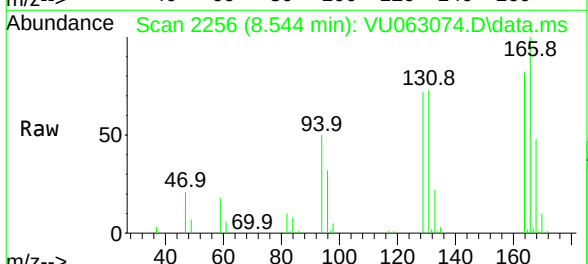
Instrument :
 MSVOA_U
 ClientSampleId :
 E2959MS

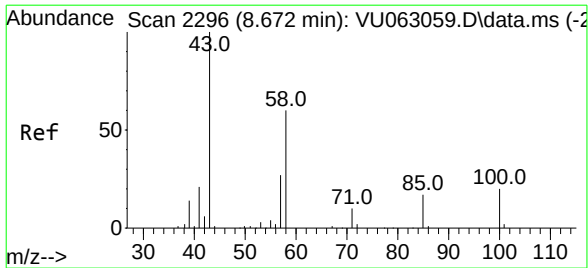
Tgt Ion:	97	Resp:	29829
Ion	Ratio	Lower	Upper
97	100		
99	60.4	45.6	84.6
83	74.5	63.0	117.0
85	45.7	39.0	72.4



#47
 Tetrachloroethene
 Concen: 4.953 ug/L
 RT: 8.544 min Scan# 2256
 Delta R.T. 0.003 min
 Lab File: VU063074.D
 Acq: 28 Jan 2025 18:08

Tgt Ion:	164	Resp:	38137
Ion	Ratio	Lower	Upper
164	100		
129	87.3	71.0	131.9
131	88.0	69.4	129.0
166	121.3	92.7	172.3

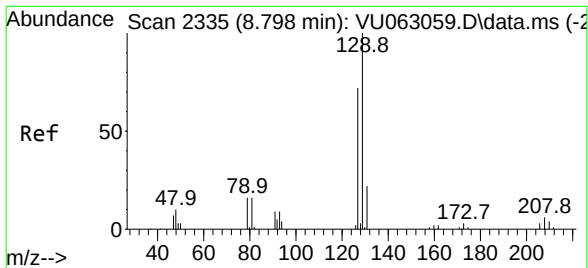
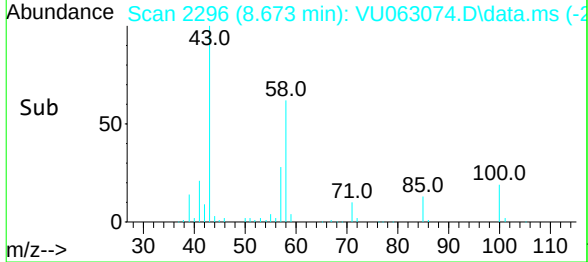
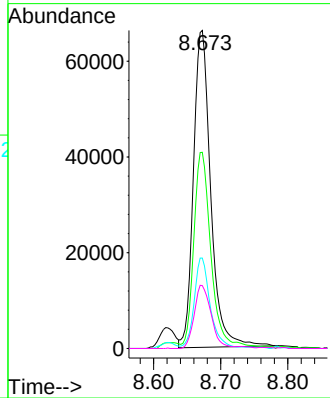
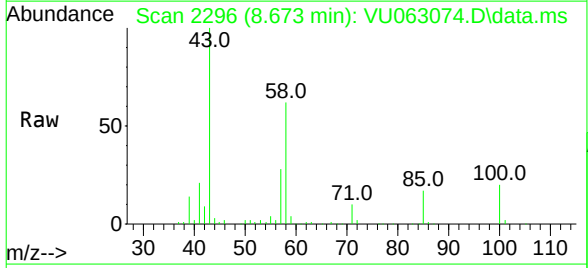




#48
2-Hexanone
Concen: 60.493 ug/L
RT: 8.673 min Scan# 2296
Delta R.T. 0.003 min
Lab File: VU063074.D
Acq: 28 Jan 2025 18:08

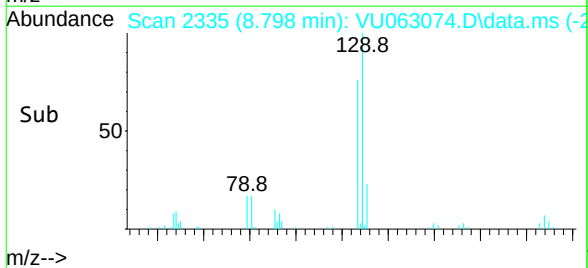
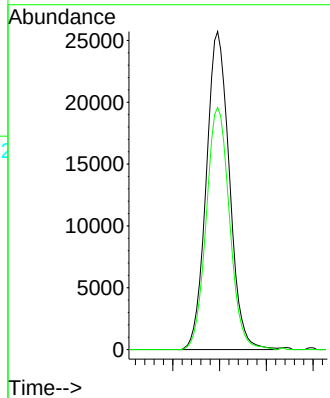
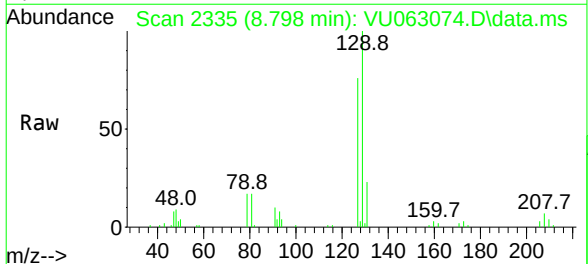
Instrument :
MSVOA_U
ClientSampleId :
E2959MS

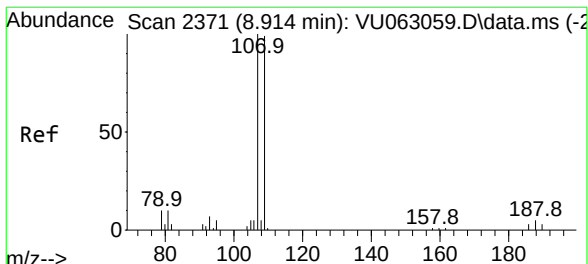
Tgt Ion: 43 Resp: 118611
Ion Ratio Lower Upper
43 100
58 60.1 50.2 75.4
57 25.9 19.9 29.9
100 19.5 12.6 18.8#



#49
Dibromochloromethane
Concen: 5.126 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VU063074.D
Acq: 28 Jan 2025 18:08

Tgt Ion: 129 Resp: 44119
Ion Ratio Lower Upper
129 100
127 76.1 52.1 96.9

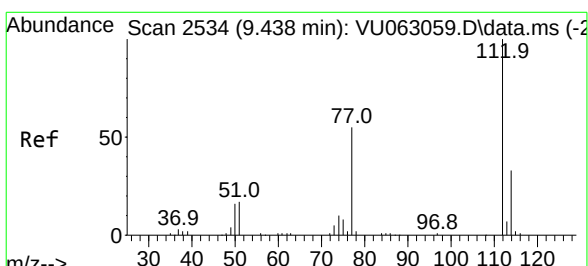
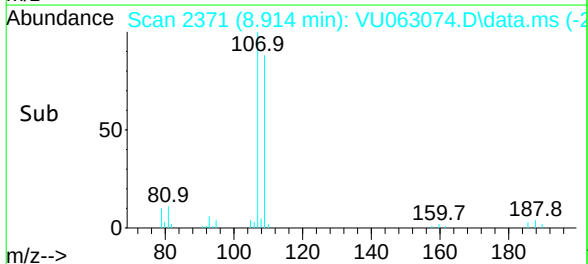
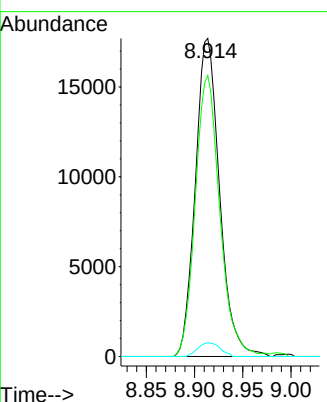
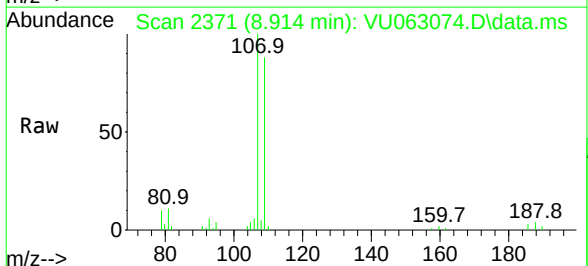




#50
 1,2-Dibromoethane
 Concen: 5.556 ug/L
 RT: 8.914 min Scan# 2371
 Delta R.T. 0.000 min
 Lab File: VU063074.D
 Acq: 28 Jan 2025 18:08

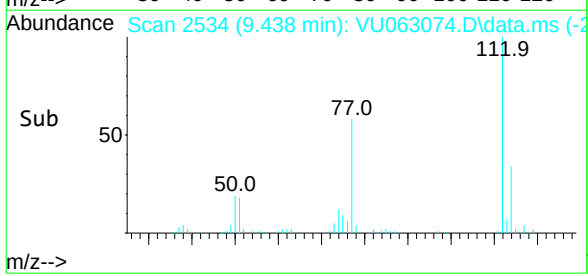
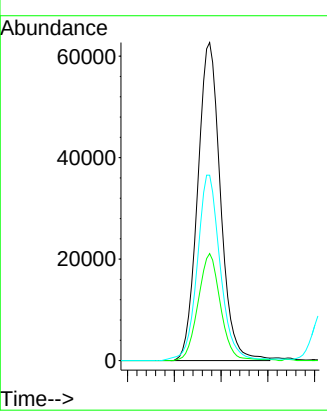
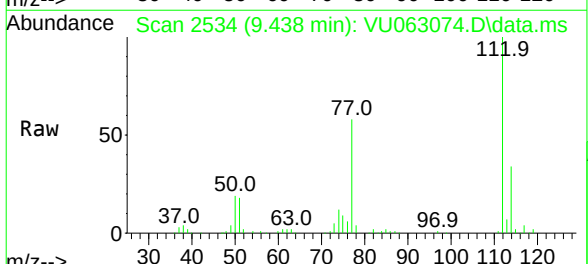
Instrument :
 MSVOA_U
 ClientSampleId :
 E2959MS

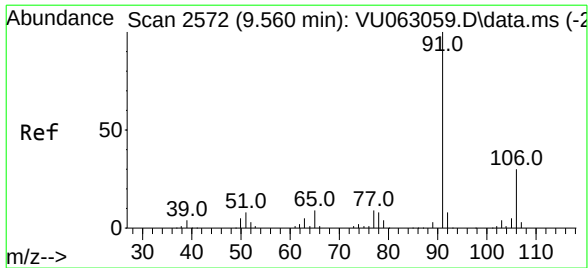
Tgt Ion:	107	Resp:	30955
Ion	Ratio	Lower	Upper
107	100		
109	88.3	65.7	121.9
188	4.3	3.4	5.2



#51
 Chlorobenzene
 Concen: 4.949 ug/L
 RT: 9.438 min Scan# 2534
 Delta R.T. 0.003 min
 Lab File: VU063074.D
 Acq: 28 Jan 2025 18:08

Tgt Ion:	112	Resp:	106272
Ion	Ratio	Lower	Upper
112	100		
114	33.6	21.7	40.3
77	58.3	48.6	73.0

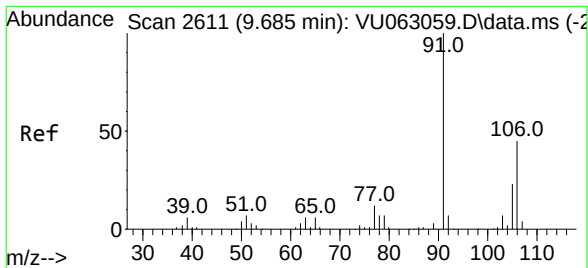
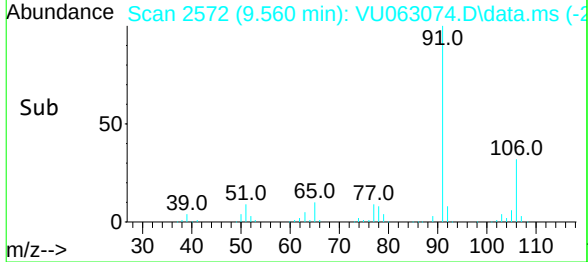
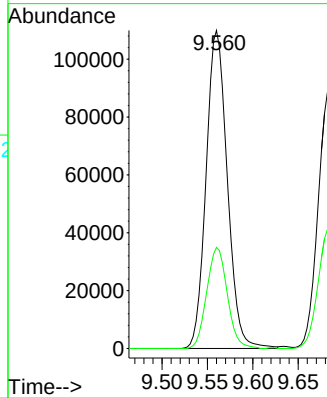
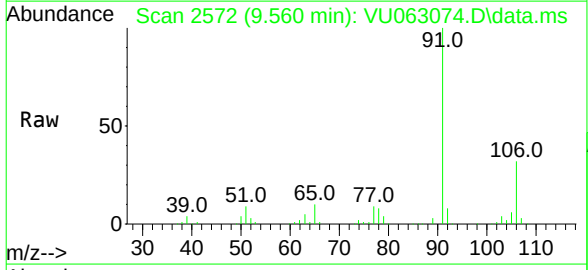




#52
Ethylbenzene
Concen: 4.948 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. 0.000 min
Lab File: VU063074.D
Acq: 28 Jan 2025 18:08

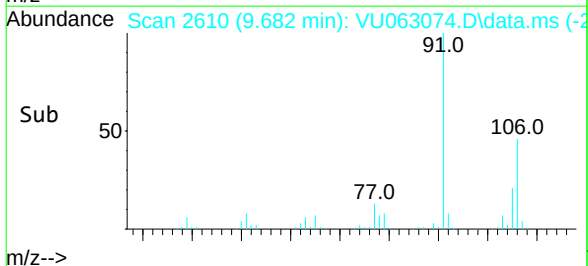
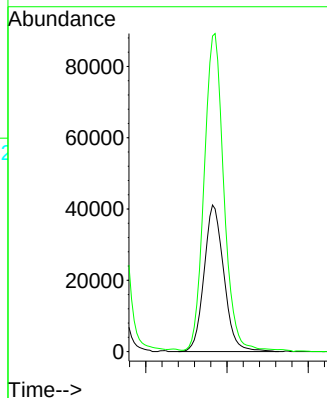
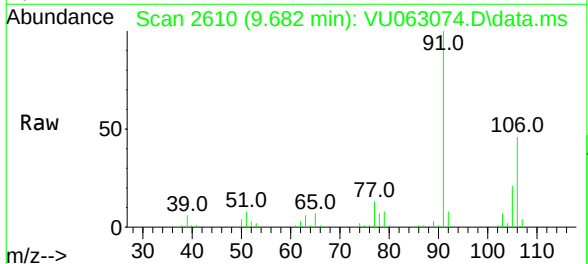
Instrument :
MSVOA_U
ClientSampleId :
E2959MS

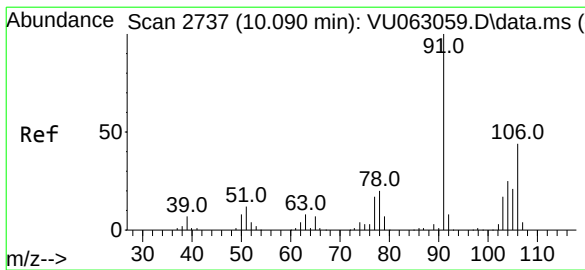
Tgt Ion: 91 Resp: 178602
Ion Ratio Lower Upper
91 100
106 31.8 21.9 40.7



#53
m,p-Xylene
Concen: 5.001 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. 0.000 min
Lab File: VU063074.D
Acq: 28 Jan 2025 18:08

Tgt Ion:106 Resp: 69699
Ion Ratio Lower Upper
106 100
91 215.2 153.1 284.3





#54

o-Xylene

Concen: 5.410 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. 0.000 min

Lab File: VU063074.D

Acq: 28 Jan 2025 18:08

Instrument :

MSVOA_U

ClientSampleId :

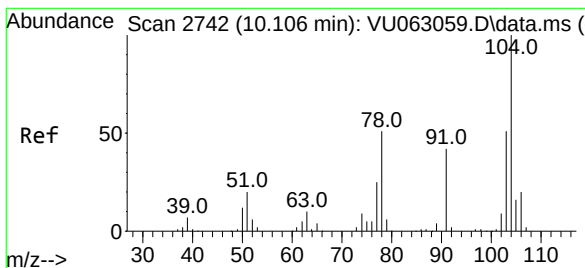
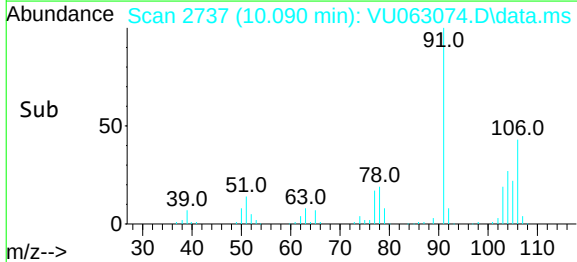
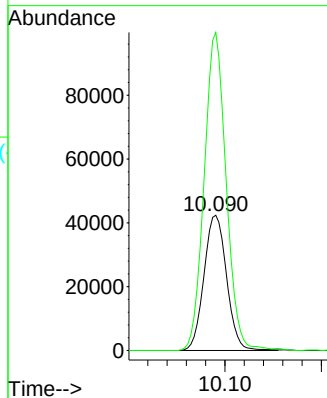
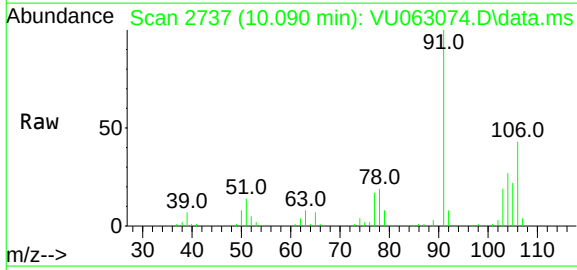
E2959MS

Tgt Ion:106 Resp: 69077

Ion Ratio Lower Upper

106 100

91 235.2 160.4 297.8



#55

Styrene

Concen: 5.361 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. 0.003 min

Lab File: VU063074.D

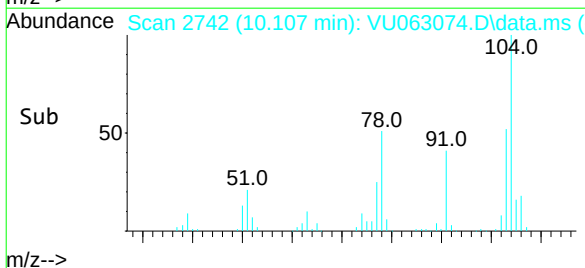
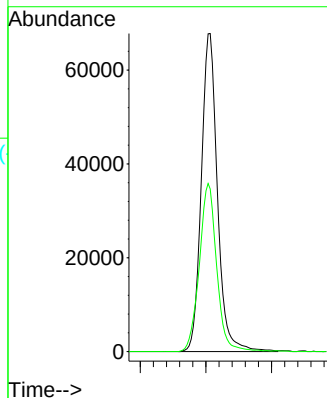
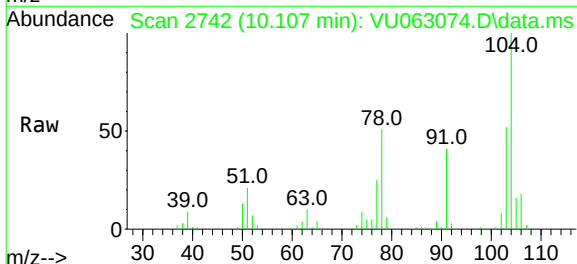
Acq: 28 Jan 2025 18:08

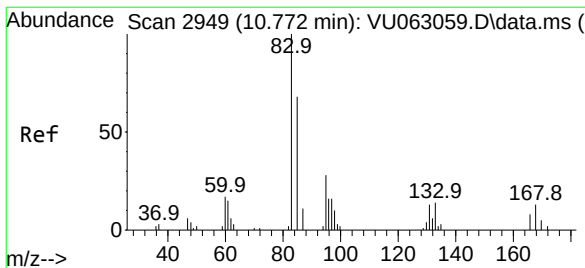
Tgt Ion:104 Resp: 115733

Ion Ratio Lower Upper

104 100

78 51.1 35.5 65.9





#57

1,1,2,2-Tetrachloroethane

Concen: 6.036 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU063074.D

Acq: 28 Jan 2025 18:08

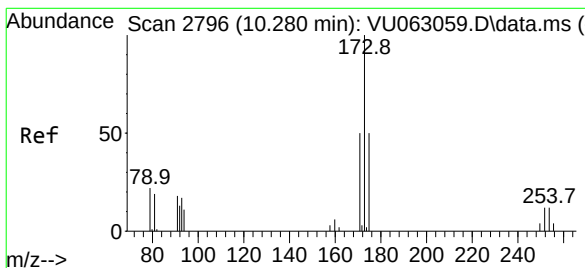
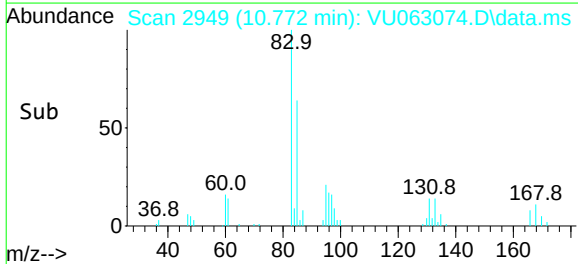
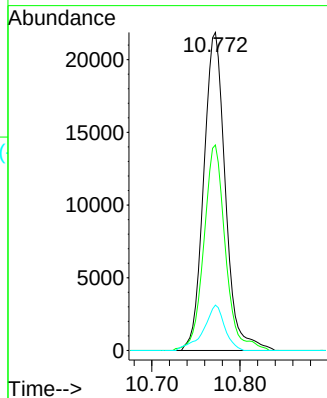
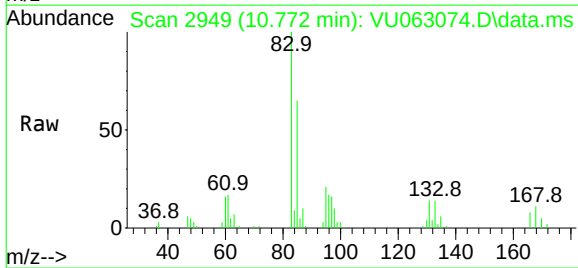
Instrument :

MSVOA_U

ClientSampleId :

E2959MS

Tgt Ion:	83	Resp:	37244
Ion	Ratio	Lower	Upper
83	100		
85	64.6	43.0	79.8
131	14.3	7.4	11.0



#59

Bromoform

Concen: 4.912 ug/L

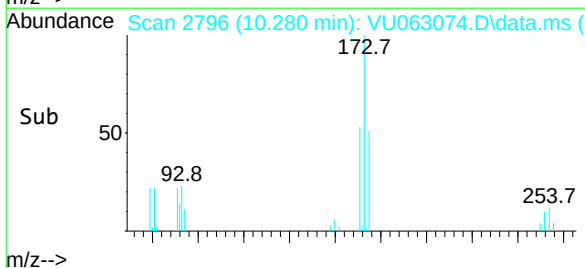
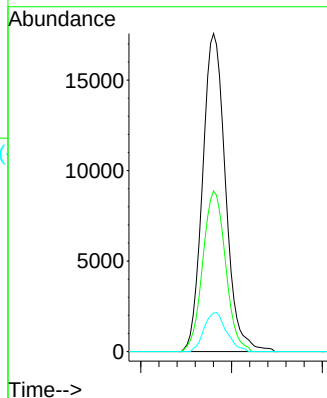
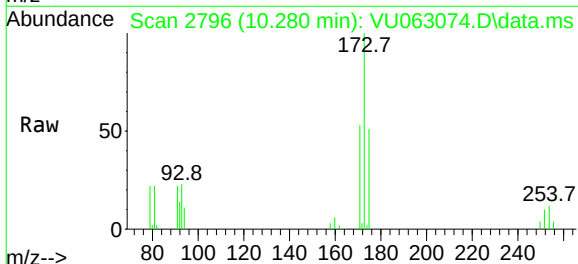
RT: 10.280 min Scan# 2796

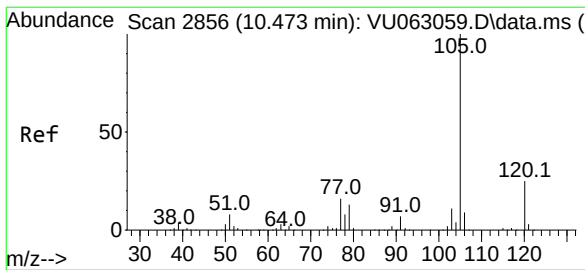
Delta R.T. 0.000 min

Lab File: VU063074.D

Acq: 28 Jan 2025 18:08

Tgt Ion:	173	Resp:	30834
Ion	Ratio	Lower	Upper
173	100		
175	50.3	39.8	59.8
254	11.9	8.6	12.8





#60

Isopropylbenzene

Concen: 5.070 ug/L

RT: 10.473 min Scan# 28

Delta R.T. 0.000 min

Lab File: VU063074.D

Acq: 28 Jan 2025 18:08

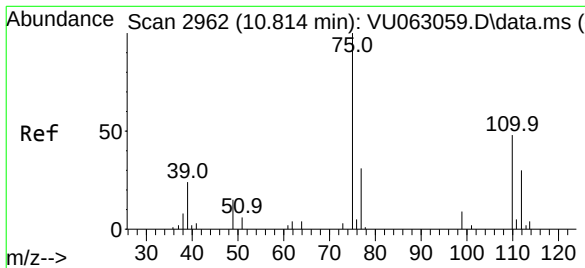
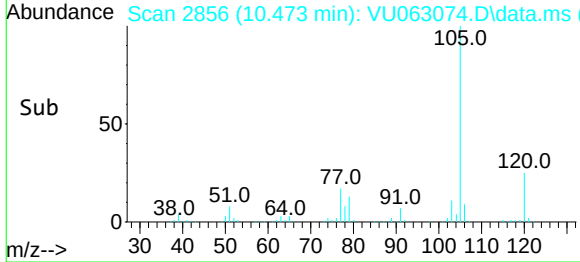
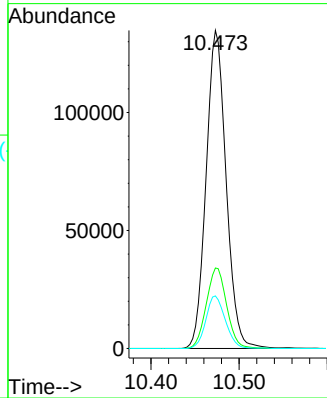
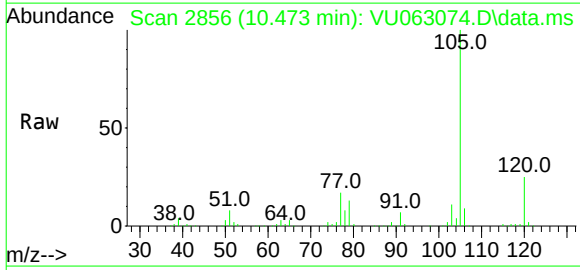
Instrument :

MSVOA_U

ClientSampleId :

E2959MS

Tgt Ion:	105	Resp:	212242
Ion Ratio	Lower	Upper	
105	100		
120	25.8	20.2	30.2
77	16.1	13.0	19.4



#61

1,2,3-Trichloropropane

Concen: 5.207 ug/L

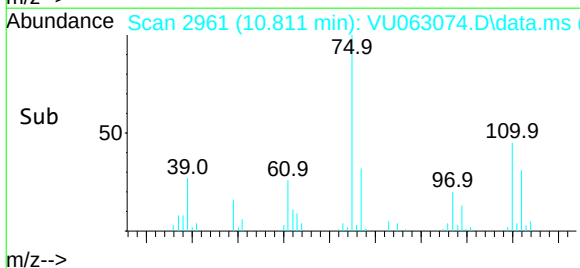
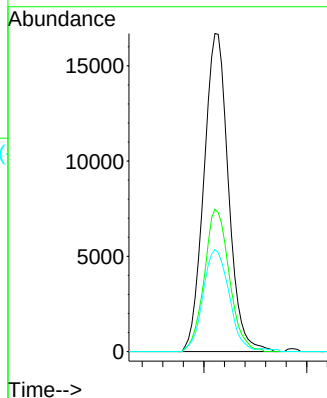
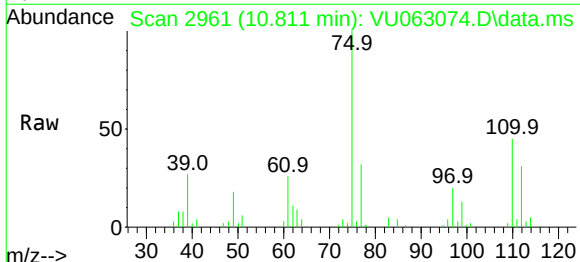
RT: 10.811 min Scan# 2961

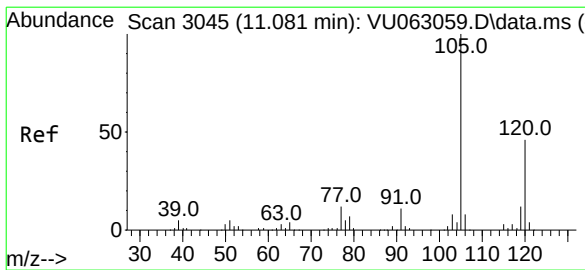
Delta R.T. 0.000 min

Lab File: VU063074.D

Acq: 28 Jan 2025 18:08

Tgt Ion:	75	Resp:	27684
Ion Ratio	Lower	Upper	
75	100		
110	45.5	33.2	49.8
77	34.0	25.9	38.9

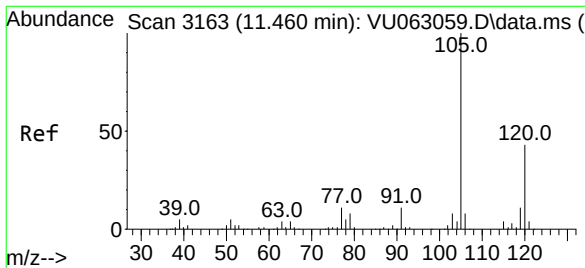
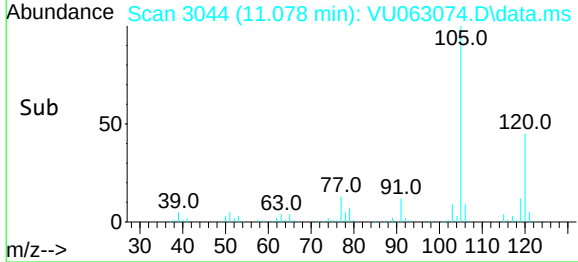
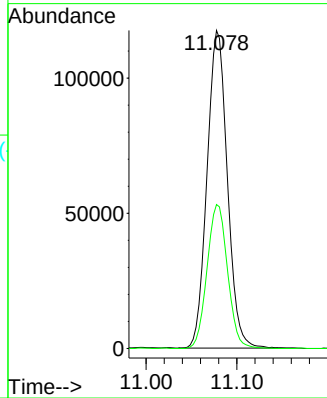
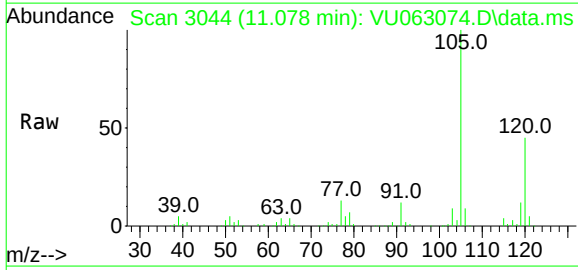




#62
1,3,5-Trimethylbenzene
Concen: 4.973 ug/L
RT: 11.078 min Scan# 3044
Delta R.T. 0.000 min
Lab File: VU063074.D
Acq: 28 Jan 2025 18:08

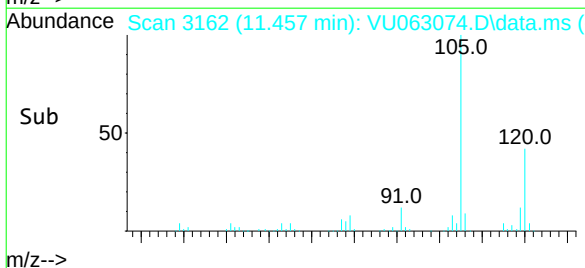
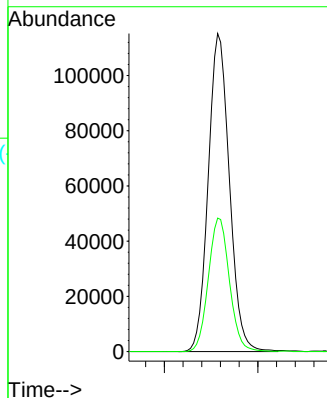
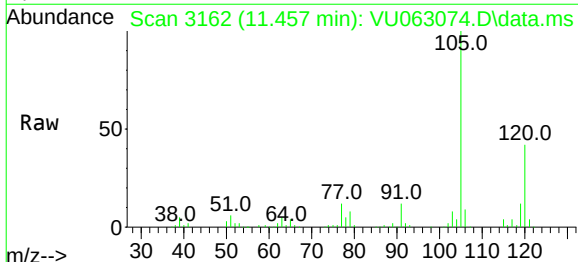
Instrument :
MSVOA_U
ClientSampleId :
E2959MS

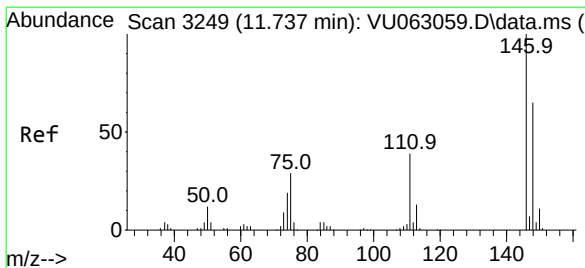
Tgt Ion:105 Resp: 182524
Ion Ratio Lower Upper
105 100
120 45.8 35.9 53.9



#63
1,2,4-Trimethylbenzene
Concen: 5.216 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VU063074.D
Acq: 28 Jan 2025 18:08

Tgt Ion:105 Resp: 181083
Ion Ratio Lower Upper
105 100
120 41.8 34.2 51.2





#64

1,3-Dichlorobenzene

Concen: 4.891 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VU063074.D

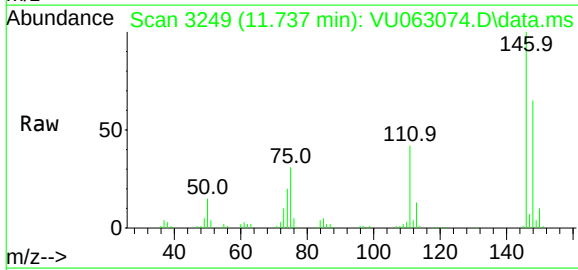
Acq: 28 Jan 2025 18:08

Instrument :

MSVOA_U

ClientSampleId :

E2959MS



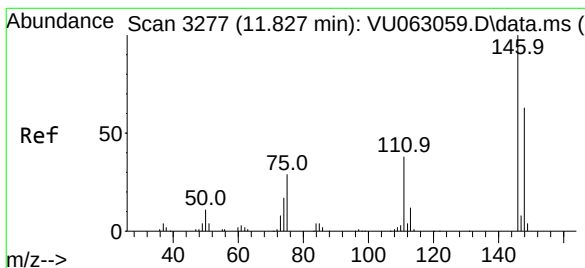
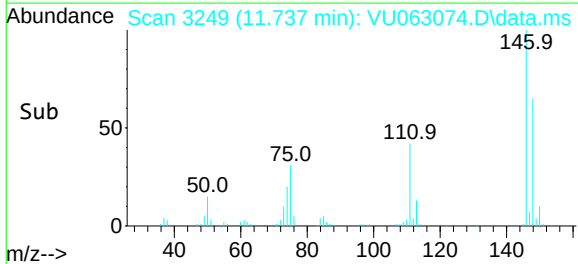
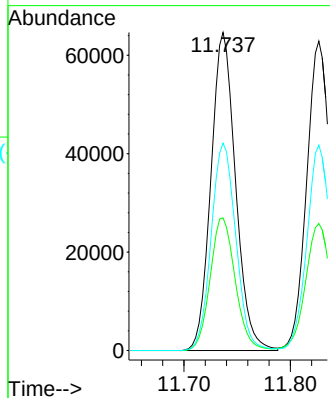
Tgt Ion:146 Resp: 103945

Ion Ratio Lower Upper

146 100

111 41.7 28.6 53.0

148 65.2 44.0 81.6



#65

1,4-Dichlorobenzene

Concen: 4.808 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VU063074.D

Acq: 28 Jan 2025 18:08

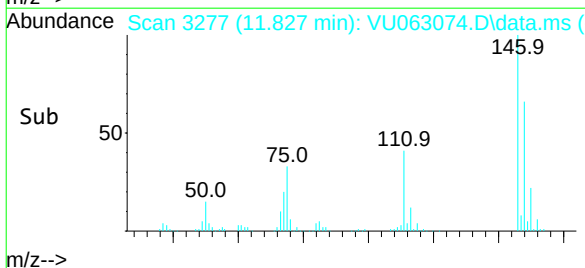
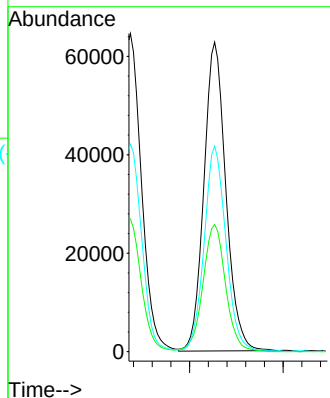
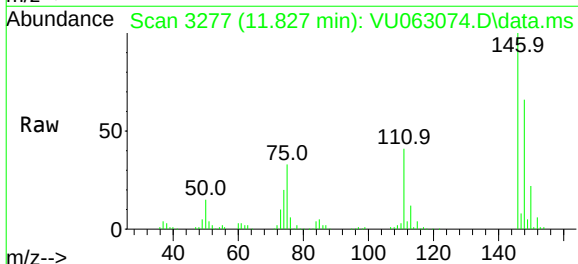
Tgt Ion:146 Resp: 102507

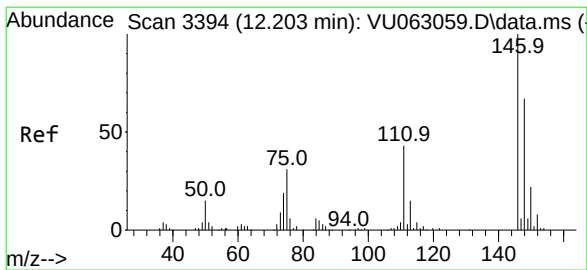
Ion Ratio Lower Upper

146 100

111 41.0 29.5 54.9

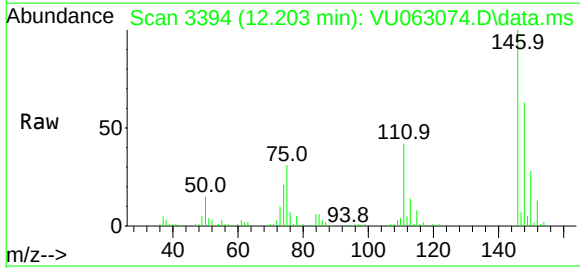
148 66.4 45.1 83.9



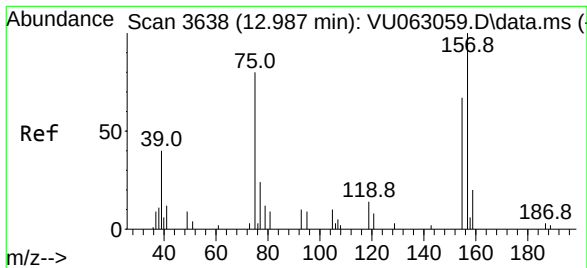
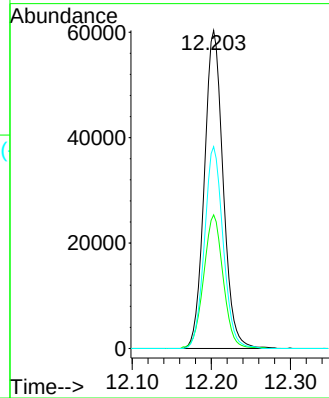
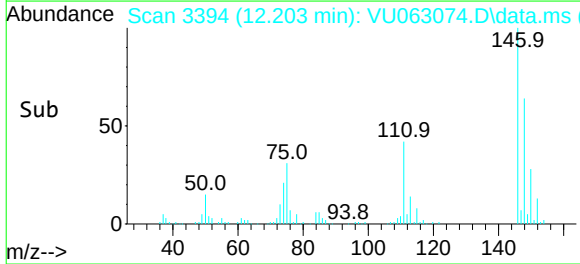


#67
1,2-Dichlorobenzene
Concen: 4.979 ug/L
RT: 12.203 min Scan# 3394
Delta R.T. 0.000 min
Lab File: VU063074.D
Acq: 28 Jan 2025 18:08

Instrument :
MSVOA_U
ClientSampleId :
E2959MS

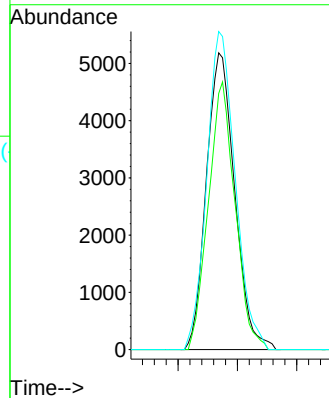
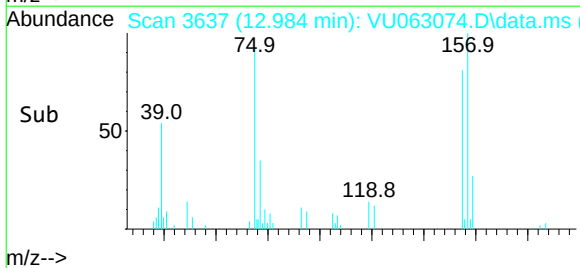
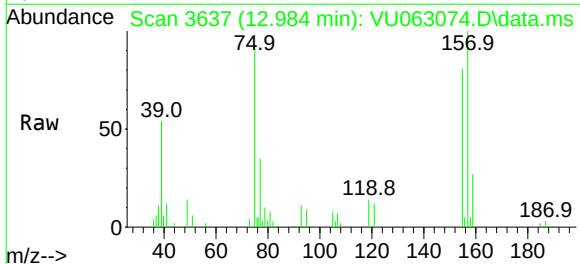


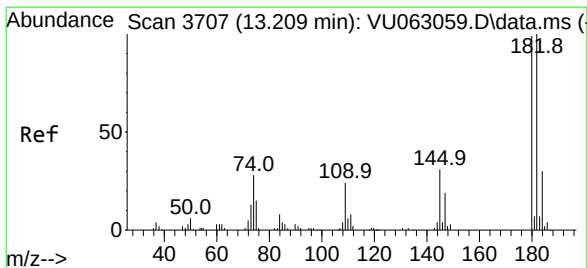
Tgt Ion: 146 Resp: 99564
Ion Ratio Lower Upper
146 100
111 42.0 36.3 54.5
148 63.4 52.0 78.0



#68
1,2-Dibromo-3-chloropropane
Concen: 6.115 ug/L
RT: 12.984 min Scan# 3637
Delta R.T. 0.000 min
Lab File: VU063074.D
Acq: 28 Jan 2025 18:08

Tgt Ion: 75 Resp: 8597
Ion Ratio Lower Upper
75 100
155 86.3 59.6 89.4
157 107.2 70.8 106.2#





#69

1,3,5-Trichlorobenzene

Concen: 4.917 ug/L

RT: 13.209 min Scan# 3707

Delta R.T. 0.000 min

Lab File: VU063074.D

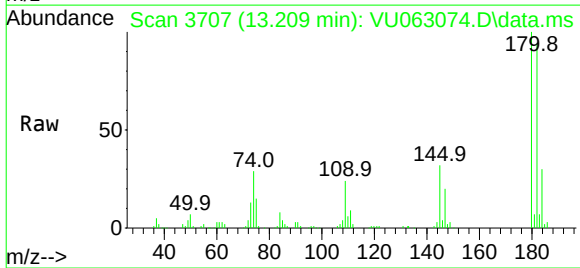
Acq: 28 Jan 2025 18:08

Instrument :

MSVOA_U

ClientSampleId :

E2959MS



Tgt Ion:180 Resp: 83487

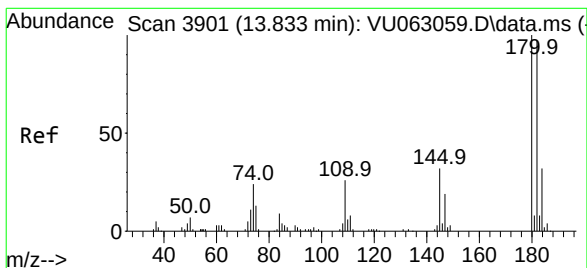
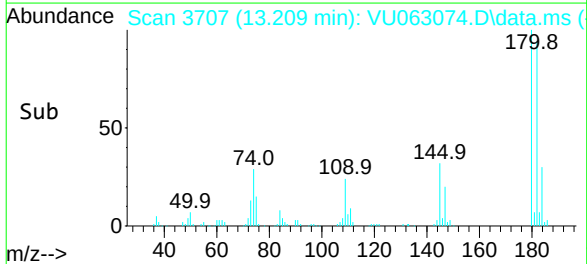
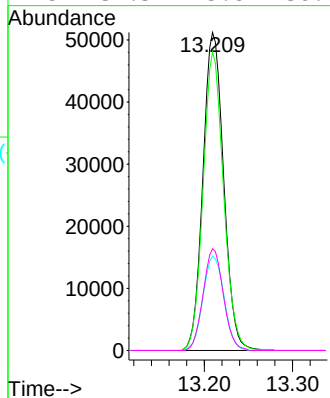
Ion Ratio Lower Upper

180 100

182 92.8 75.8 113.8

184 30.3 24.7 37.1

145 31.3 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 5.303 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.003 min

Lab File: VU063074.D

Acq: 28 Jan 2025 18:08

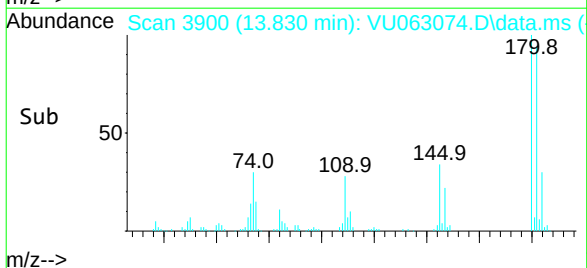
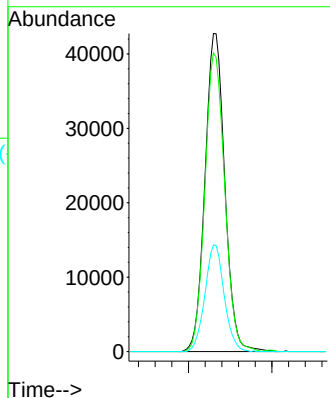
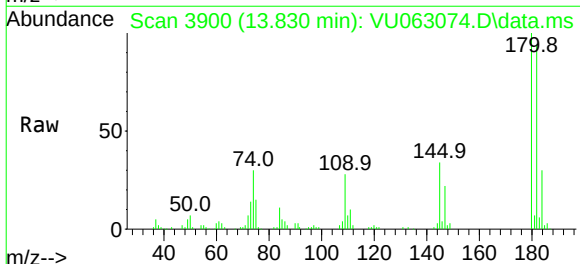
Tgt Ion:180 Resp: 70464

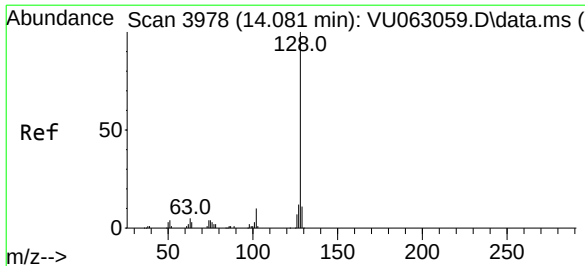
Ion Ratio Lower Upper

180 100

182 93.9 77.1 115.7

145 32.6 26.9 40.3

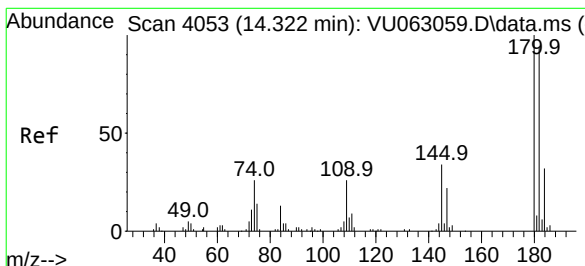
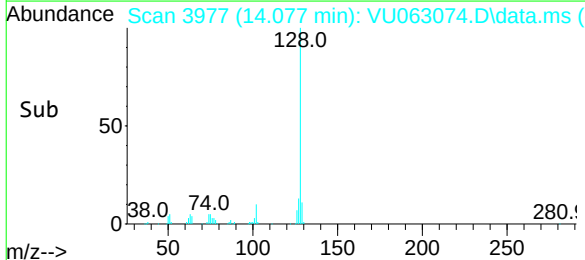
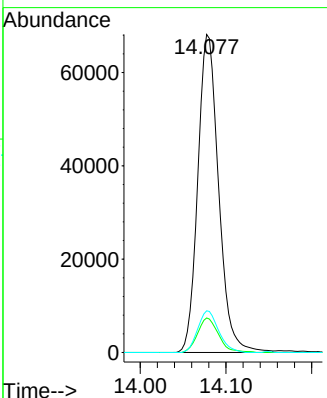
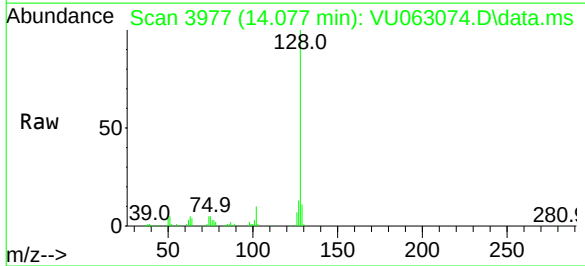




#71
Naphthalene
Concen: 6.750 ug/L
RT: 14.077 min Scan# 3977
Delta R.T. 0.000 min
Lab File: VU063074.D
Acq: 28 Jan 2025 18:08

Instrument :
MSVOA_U
ClientSampleId :
E2959MS

Tgt Ion:	128	Resp:	115098
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.5	12.7
127	13.1	10.2	15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.287 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.003 min
Lab File: VU063074.D
Acq: 28 Jan 2025 18:08

Tgt Ion:	180	Resp:	60709
Ion Ratio	Lower	Upper	
180	100		
182	95.2	79.8	119.6
145	33.0	29.2	43.8

