

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063034.D
 Acq On : 27 Jan 2025 22:43
 Operator : MD/SY
 Sample : Q1192-02MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44T8MS

Quant Time: Jan 29 07:32:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 29 07:27:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	99116	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	92694	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	55067	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	12329	3.460	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.200%
7) Chloroethane-d5	1.904	69	11749	4.343	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.557	65	9279	4.355	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	4.605	46	44693	43.219	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.440%
24) Chloroform-d	5.049	84	61055	4.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.689	65	34048	4.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
32) Benzene-d6	5.714	84	86426	4.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.679	67	21198	3.930	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.600%
41) Toluene-d8	7.888	98	90923	4.341	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.168	79	14344	4.296	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.621	63	39185	47.035	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.060%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23254	4.541	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.180	152	43401	4.403	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	36630	4.126	ug/L	97
3) Chloromethane	1.518	50	16016	3.750	ug/L	99
5) Vinyl chloride	1.599	62	18825	3.948	ug/L	88
6) Bromomethane	1.846	94	9594	4.206	ug/L	91
8) Chloroethane	1.927	64	12554	5.214	ug/L	95
9) Trichlorofluoromethane	2.129	101	59060	4.899	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	30112	5.077	ug/L	91
12) 1,1-Dichloroethene	2.570	96	24904	4.837	ug/L	92
13) Acetone	2.612	43	42037	62.867	ug/L	96
14) Carbon disulfide	2.782	76	65417	4.959	ug/L	99
15) Methyl Acetate	2.936	43	6192	4.822	ug/L	100
16) Methylene chloride	3.033	84	26089	4.806	ug/L	92
17) Methyl tert-butyl Ether	3.348	73	77044	4.996	ug/L	97
18) trans-1,2-Dichloroethene	3.341	96	27309	4.956	ug/L	91
19) 1,1-Dichloroethane	3.853	63	43467	4.551	ug/L #	89
21) 2-Butanone	4.685	43	44391	48.675	ug/L	91
22) cis-1,2-Dichloroethene	4.653	96	32095	4.874	ug/L	92
23) Bromochloromethane	4.962	128	16667	5.043	ug/L #	85
25) Chloroform	5.074	83	65062	4.715	ug/L	97

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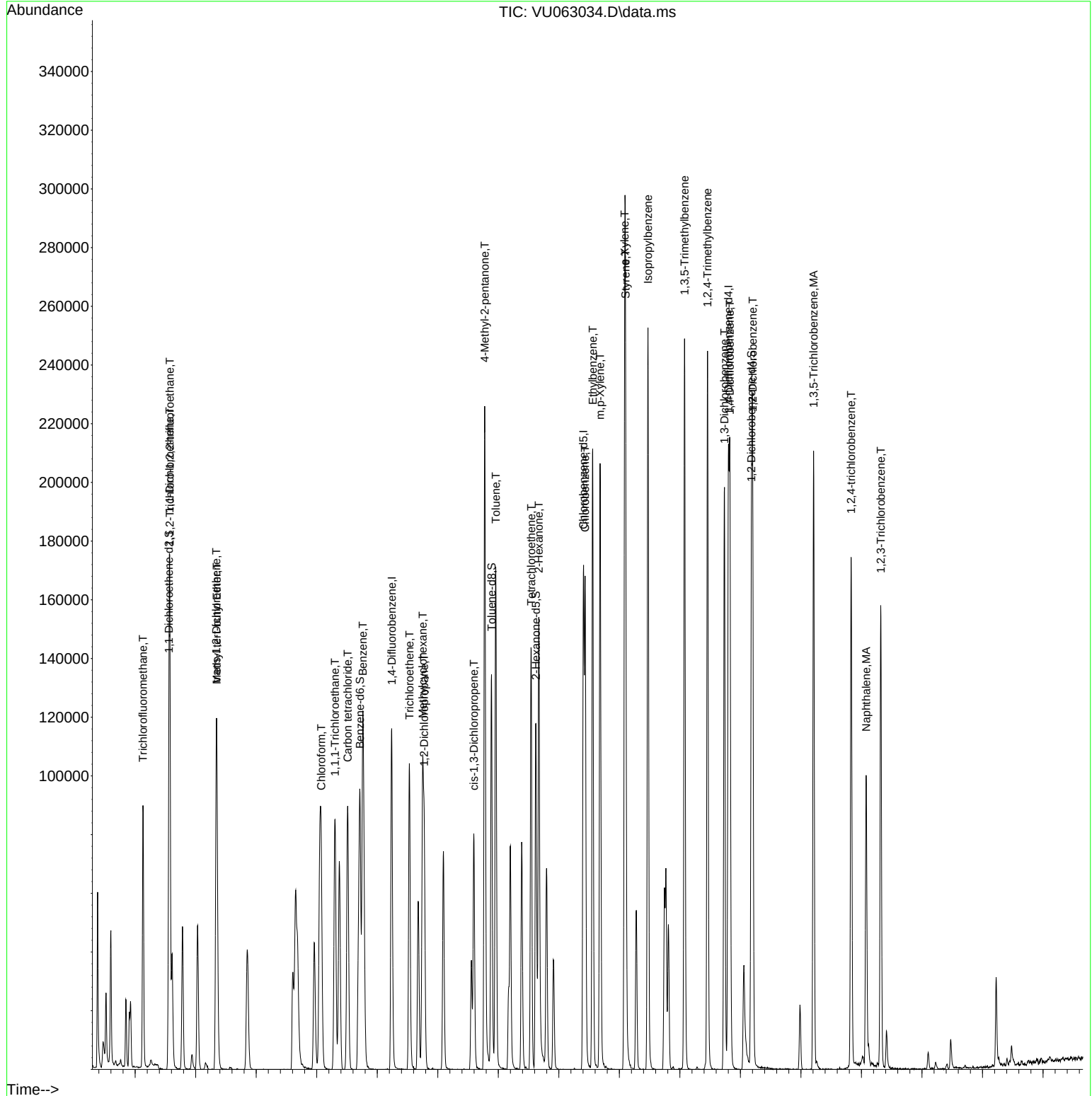
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	43346	4.481	ug/L	99
29) 1,1,1-Trichloroethane	5.300	97	68752	4.783	ug/L	97
30) Cyclohexane	5.373	56	29713	4.438	ug/L #	78
31) Carbon tetrachloride	5.512	117	65804	4.755	ug/L	100
33) Benzene	5.759	78	101389	4.515	ug/L	100
34) Trichloroethene	6.531	95	34907	4.574	ug/L	91
35) Methylcyclohexane	6.750	83	42583	4.429	ug/L	92
37) 1,2-Dichloropropane	6.775	63	21761	4.308	ug/L #	94
38) Bromodichloromethane	7.094	83	46818	4.626	ug/L	95
39) cis-1,3-Dichloropropene	7.595	75	45771	4.813	ug/L	100
40) 4-Methyl-2-pentanone	7.775	43	114295	46.908	ug/L #	95
42) Toluene	7.959	91	127772	4.787	ug/L	94
44) trans-1,3-Dichloropropene	8.200	75	41864	4.779	ug/L	99
45) 1,1,2-Trichloroethane	8.386	97	23818	5.011	ug/L	92
47) Tetrachloroethene	8.544	164	33890	5.106	ug/L	91
48) 2-Hexanone	8.669	43	84739	50.140	ug/L #	92
49) Dibromochloromethane	8.798	129	36538	4.926	ug/L	99
50) 1,2-Dibromoethane	8.910	107	25211	5.250	ug/L	96
51) Chlorobenzene	9.434	112	89095	4.814	ug/L	95
52) Ethylbenzene	9.560	91	148007	4.758	ug/L	98
53) m,p-Xylene	9.682	106	57408	4.779	ug/L	97
54) o-Xylene	10.087	106	55462	5.039	ug/L	97
55) Styrene	10.103	104	89469	4.808	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.769	83	25019	4.704	ug/L #	91
59) Bromoform	10.280	173	26138	4.995	ug/L	99
60) Isopropylbenzene	10.473	105	163127	4.675	ug/L	98
61) 1,2,3-Trichloropropane	10.811	75	18536	4.183	ug/L #	91
62) 1,3,5-Trimethylbenzene	11.077	105	142751	4.666	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	140861	4.868	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	84719	4.782	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	83470	4.697	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	79345	4.760	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.984	75	5991	5.112	ug/L #	73
69) 1,3,5-Trichlorobenzene	13.209	180	70411	4.975	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	56755	5.124	ug/L	99
71) Naphthalene	14.077	128	85909	6.045	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	51755	5.408	ug/L	94

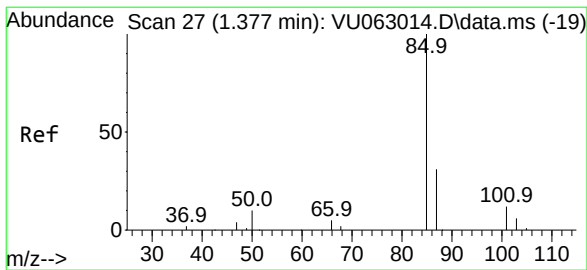
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#2

Dichlorodifluoromethane

Concen: 4.126 ug/L

RT: 1.380 min Scan# 28

Delta R.T. 0.003 min

Lab File: VU063034.D

Acq: 27 Jan 2025 22:43

Instrument :

MSVOA_U

ClientSampleId :

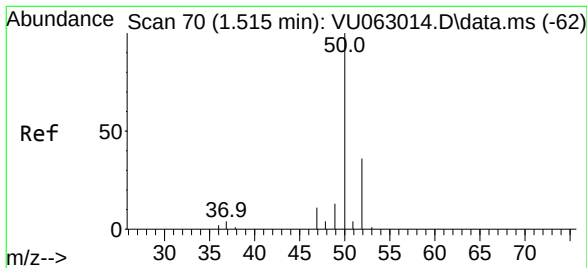
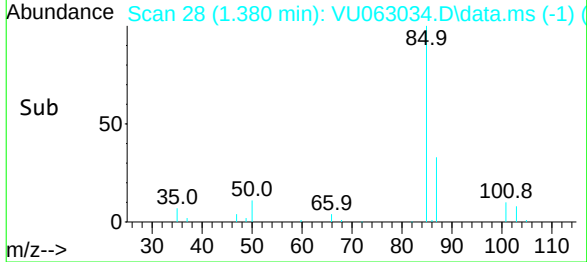
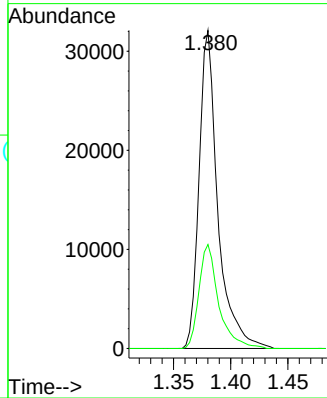
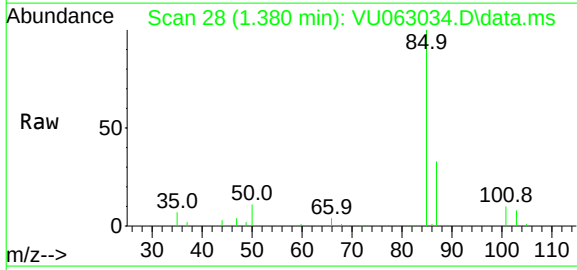
A44T8MS

Tgt Ion: 85 Resp: 36630

Ion Ratio Lower Upper

85 100

87 34.4 26.1 39.1



#3

Chloromethane

Concen: 3.750 ug/L

RT: 1.518 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU063034.D

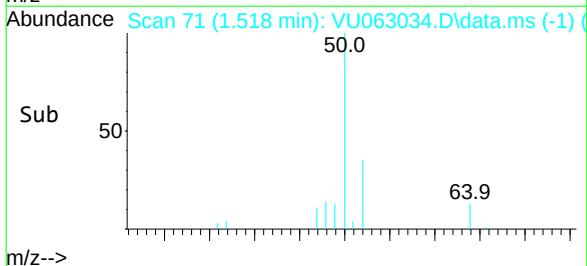
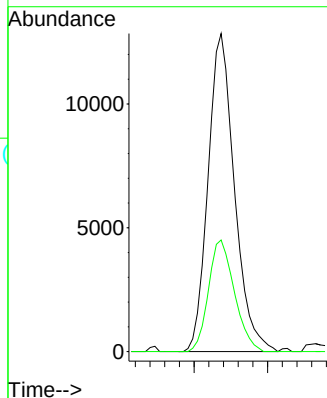
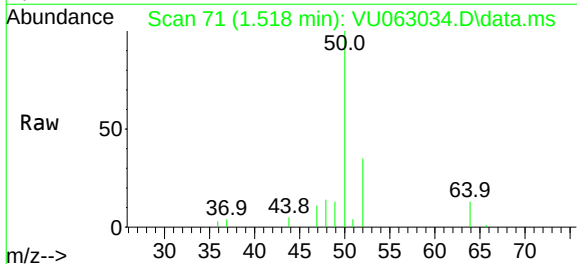
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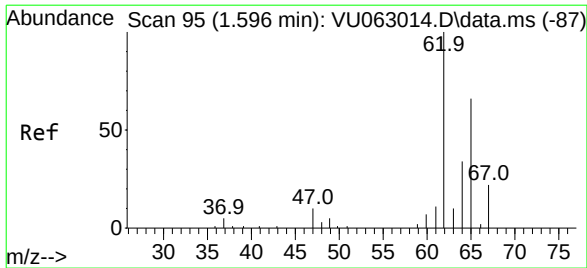
Tgt Ion: 50 Resp: 16016

Ion Ratio Lower Upper

50 100

52 35.1 24.1 44.7

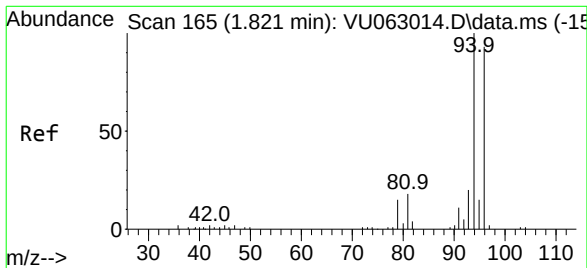
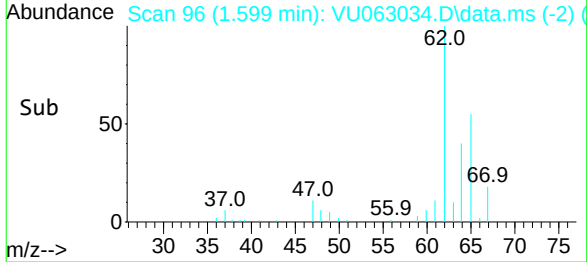
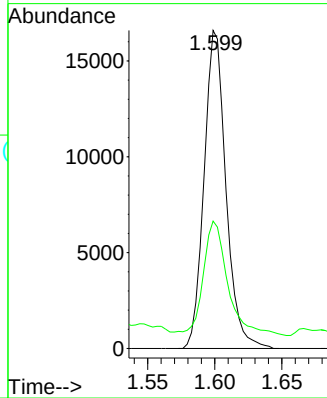
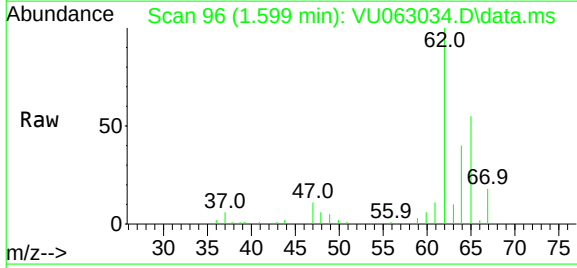




#5
 Vinyl chloride
 Concen: 3.948 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.003 min
 Lab File: VU063034.D
 Acq: 27 Jan 2025 22:43

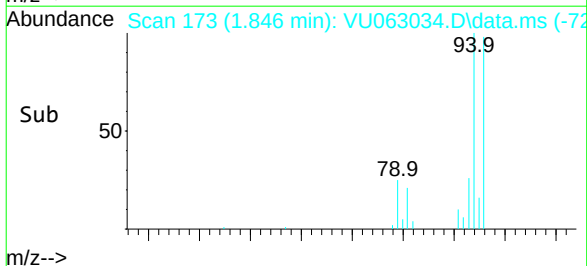
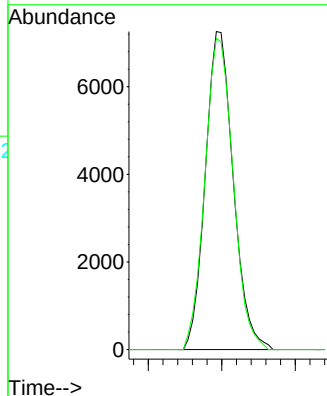
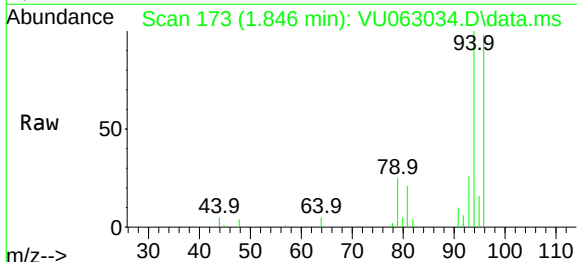
Instrument :
 MSVOA_U
 ClientSampleId :
 A44T8MS

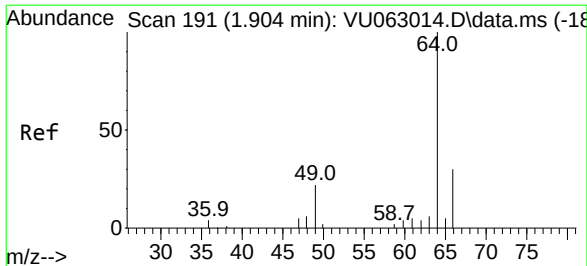
Tgt Ion: 62 Resp: 18825
 Ion Ratio Lower Upper
 62 100
 64 40.1 23.4 43.4



#6
 Bromomethane
 Concen: 4.206 ug/L
 RT: 1.846 min Scan# 173
 Delta R.T. 0.026 min
 Lab File: VU063034.D
 Acq: 27 Jan 2025 22:43

Tgt Ion: 94 Resp: 9594
 Ion Ratio Lower Upper
 94 100
 96 97.8 62.9 116.7

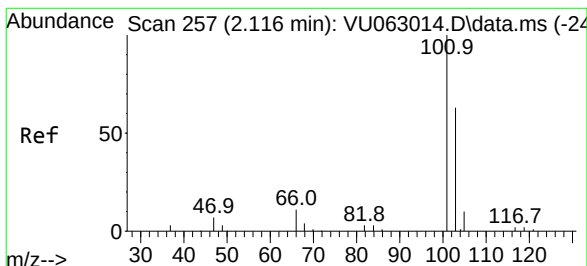
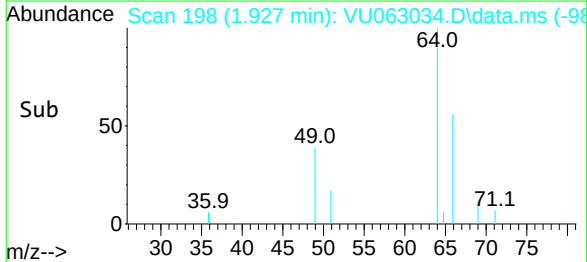
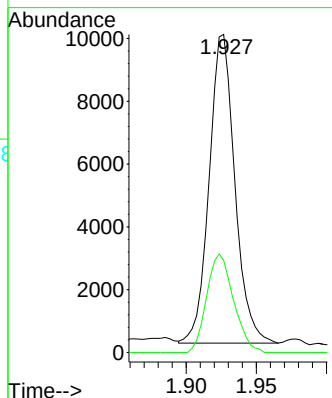
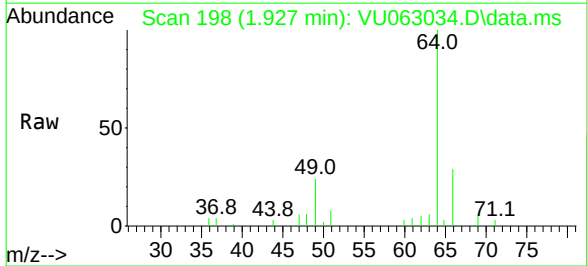




#8
Chloroethane
Concen: 5.214 ug/L
RT: 1.927 min Scan# 19
Delta R.T. 0.022 min
Lab File: VU063034.D
Acq: 27 Jan 2025 22:43

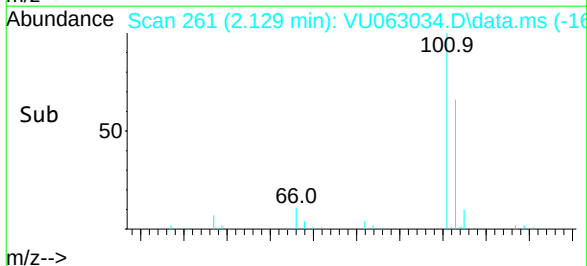
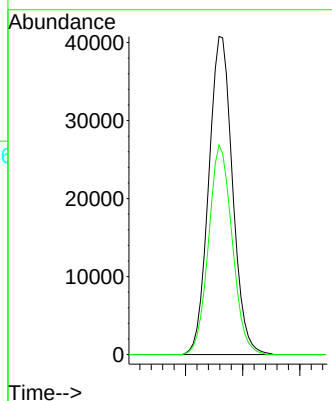
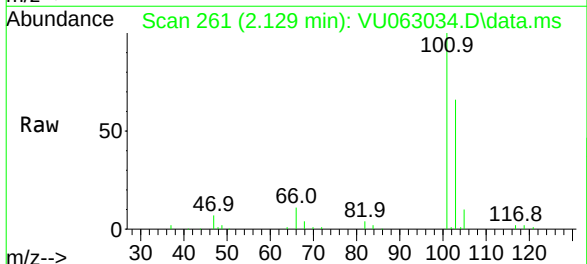
Instrument :
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ClientSampleId :
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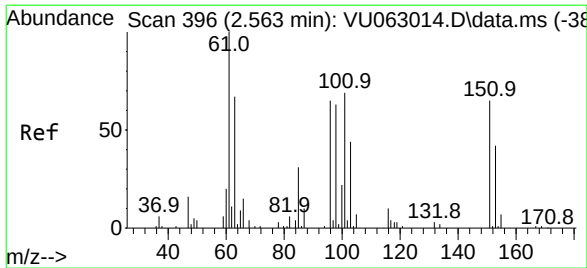
Tgt Ion: 64 Resp: 12554
Ion Ratio Lower Upper
64 100
66 28.2 21.6 40.2



#9
Trichlorofluoromethane
Concen: 4.899 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.013 min
Lab File: VU063034.D
Acq: 27 Jan 2025 22:43

Tgt Ion: 101 Resp: 59060
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.0

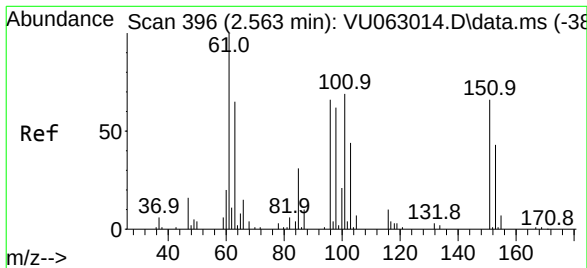
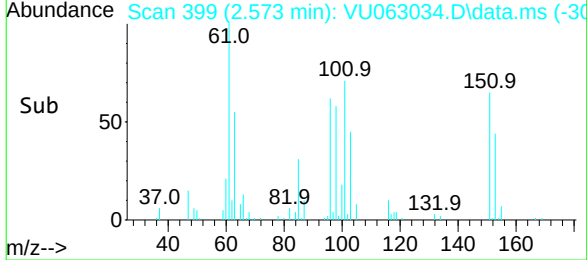
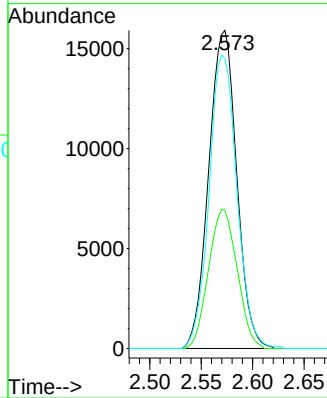
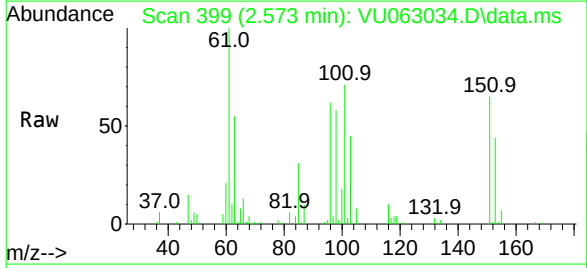




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.077 ug/L
RT: 2.573 min Scan# 39
Delta R.T. 0.010 min
Lab File: VU063034.D
Acq: 27 Jan 2025 22:43

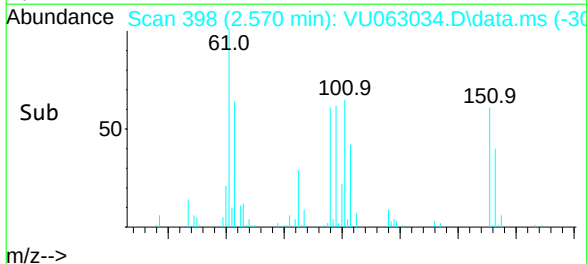
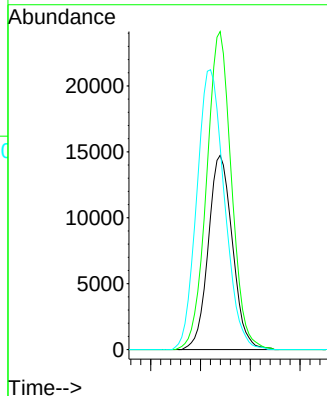
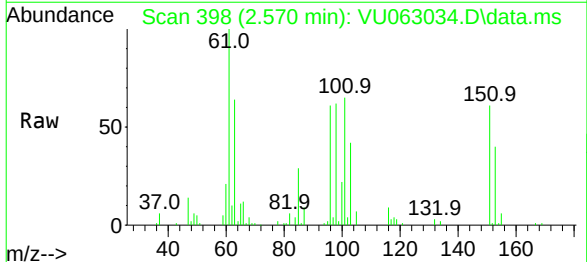
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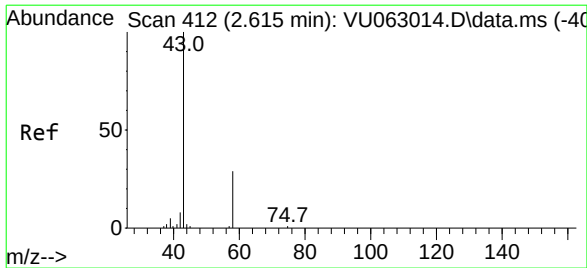
Tgt Ion	Ratio	Lower	Upper
101	100		
85	44.7	37.0	55.6
151	92.0	64.4	96.6



#12
1,1-Dichloroethene
Concen: 4.837 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.006 min
Lab File: VU063034.D
Acq: 27 Jan 2025 22:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.7	120.4	223.6
63	104.5	82.3	152.9





#13

Acetone

Concen: 62.867 ug/L

RT: 2.612 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU063034.D

Acq: 27 Jan 2025 22:43

Instrument :

MSVOA_U

ClientSampleId :

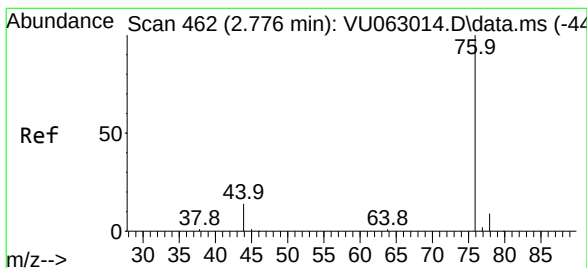
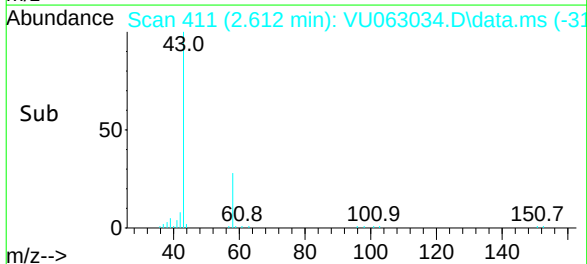
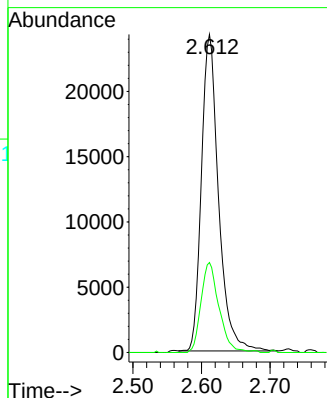
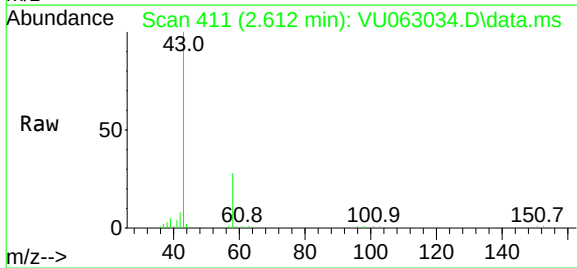
A44T8MS

Tgt Ion: 43 Resp: 42037

Ion Ratio Lower Upper

43 100

58 29.8 0.0 64.4



#14

Carbon disulfide

Concen: 4.959 ug/L

RT: 2.782 min Scan# 464

Delta R.T. 0.006 min

Lab File: VU063034.D

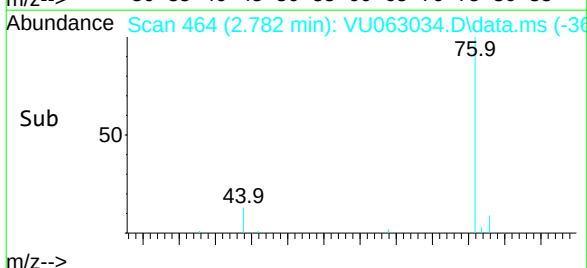
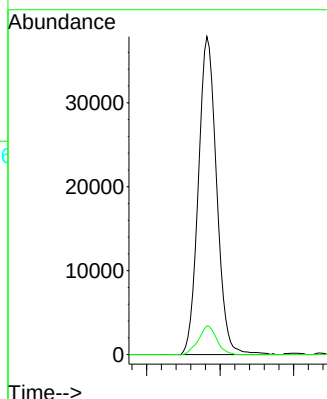
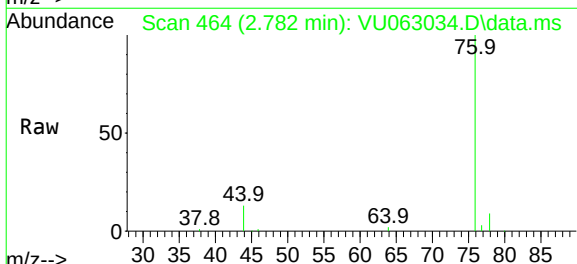
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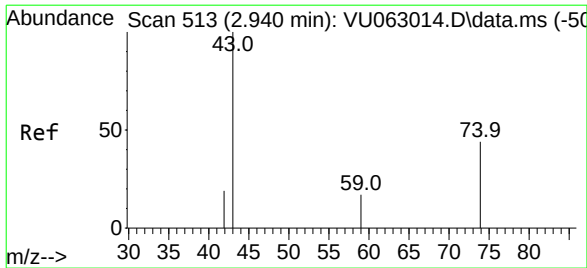
Tgt Ion: 76 Resp: 65417

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6

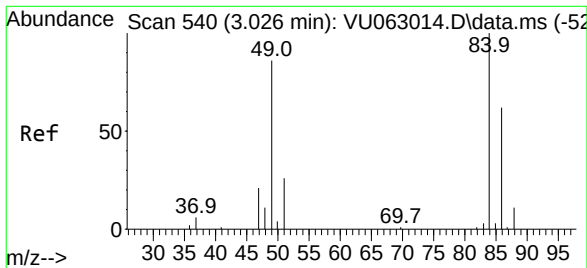
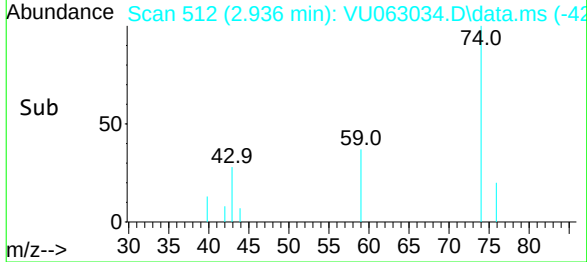
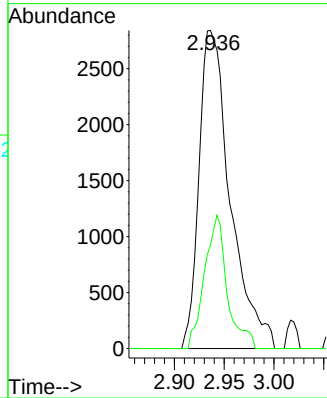
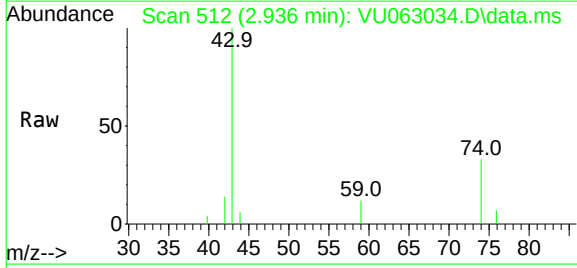




#15
Methyl Acetate
Concen: 4.822 ug/L
RT: 2.936 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU063034.D
Acq: 27 Jan 2025 22:43

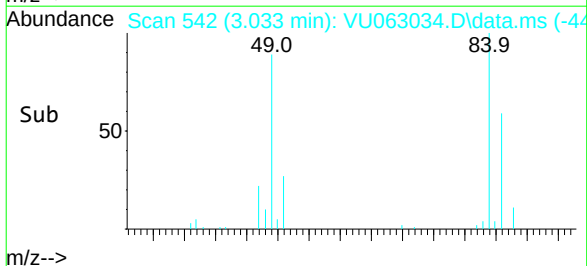
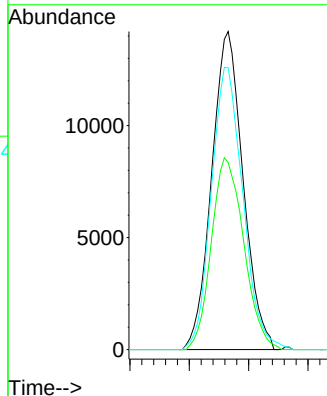
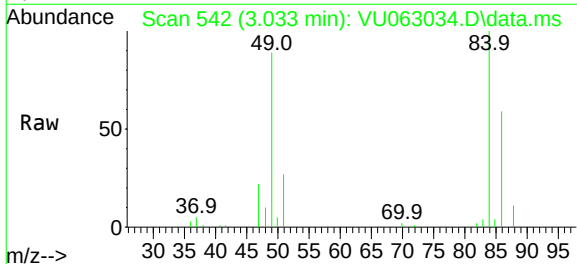
Instrument :
MSVOA_U
ClientSampleId :
A44T8MS

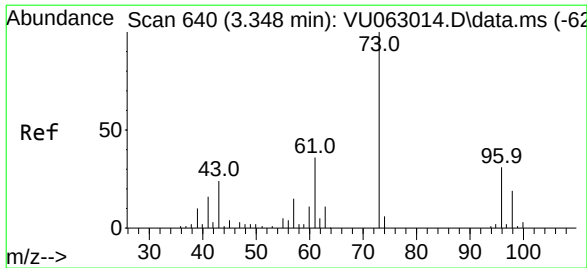
Tgt Ion: 43 Resp: 6192
Ion Ratio Lower Upper
43 100
74 30.4 24.4 36.6



#16
Methylene chloride
Concen: 4.806 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.006 min
Lab File: VU063034.D
Acq: 27 Jan 2025 22:43

Tgt Ion: 84 Resp: 26089
Ion Ratio Lower Upper
84 100
86 58.8 44.7 83.1
49 88.6 68.3 126.9

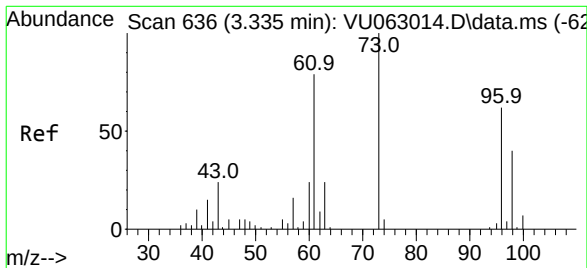
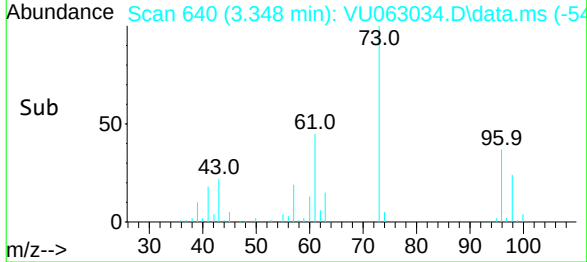
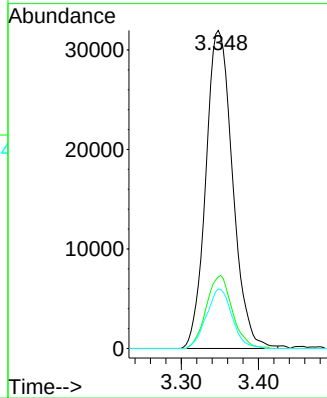
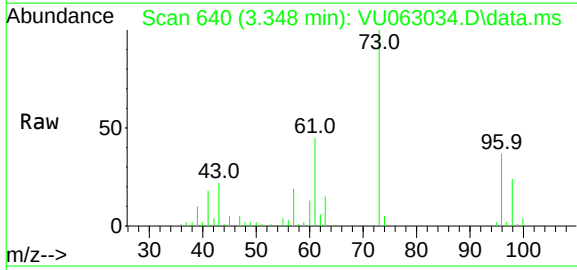




#17
Methyl tert-butyl Ether
Concen: 4.996 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU063034.D
Acq: 27 Jan 2025 22:43

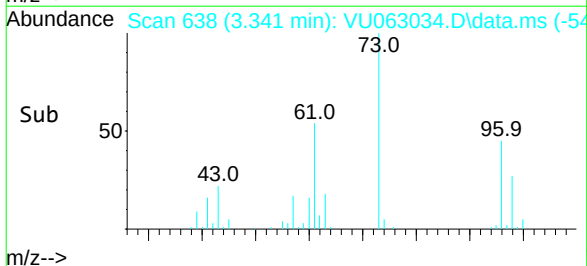
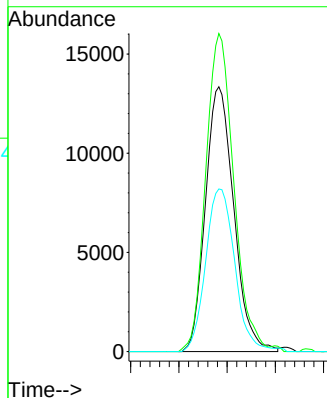
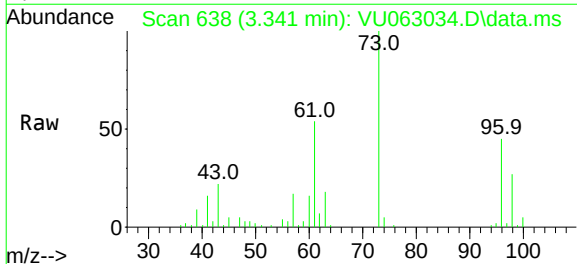
Instrument :
MSVOA_U
ClientSampleId :
A44T8MS

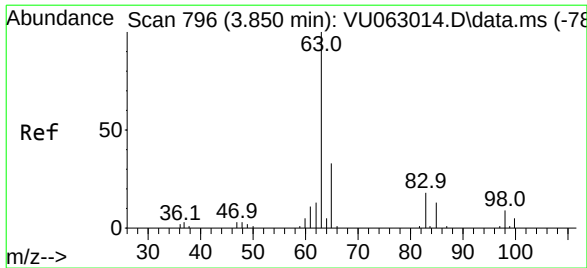
Tgt Ion: 73	Resp: 77044
Ion Ratio	Lower Upper
73 100	
43 22.3	16.2 24.4
57 18.0	14.6 22.0



#18
trans-1,2-Dichloroethene
Concen: 4.956 ug/L
RT: 3.341 min Scan# 638
Delta R.T. 0.006 min
Lab File: VU063034.D
Acq: 27 Jan 2025 22:43

Tgt Ion: 96	Resp: 27309
Ion Ratio	Lower Upper
96 100	
61 120.1	94.4 175.2
98 61.4	42.8 79.4

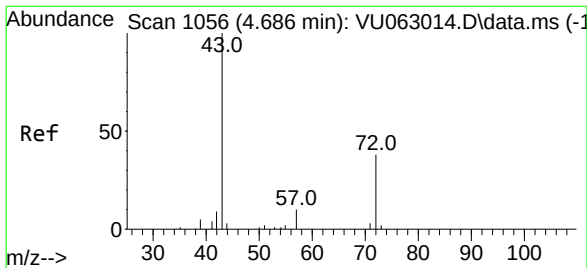
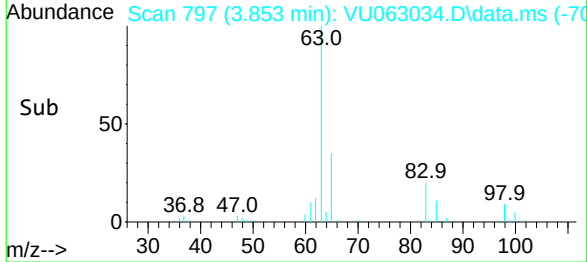
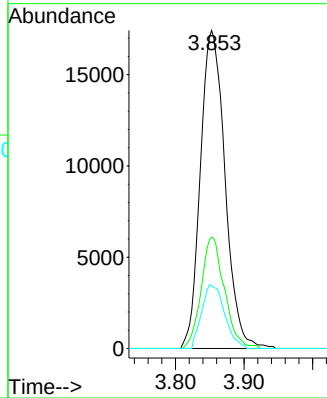
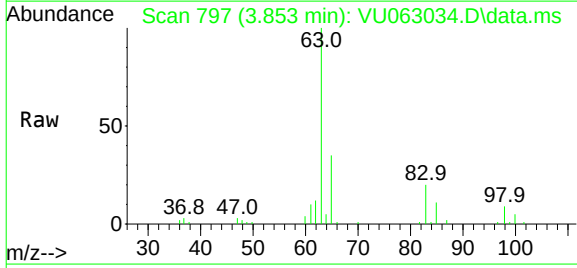




#19
1,1-Dichloroethane
Concen: 4.551 ug/L
RT: 3.853 min Scan# 796
Delta R.T. 0.003 min
Lab File: VU063034.D
Acq: 27 Jan 2025 22:43

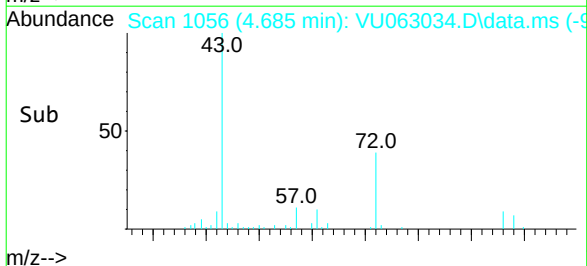
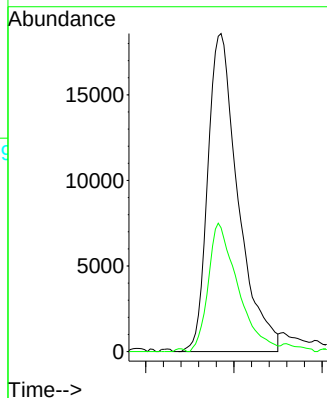
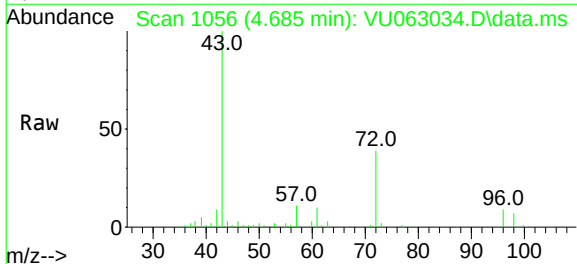
Instrument :
MSVOA_U
ClientSampleId :
A44T8MS

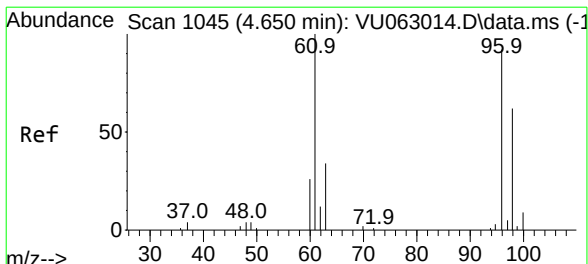
Tgt Ion: 63 Resp: 43467
Ion Ratio Lower Upper
63 100
65 35.0 20.7 38.5
83 19.7 10.5 19.5#



#21
2-Butanone
Concen: 48.675 ug/L
RT: 4.685 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VU063034.D
Acq: 27 Jan 2025 22:43

Tgt Ion: 43 Resp: 44391
Ion Ratio Lower Upper
43 100
72 39.4 17.1 51.2

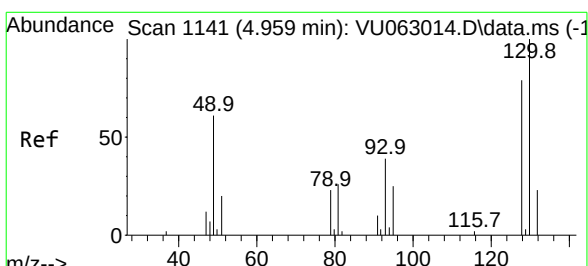
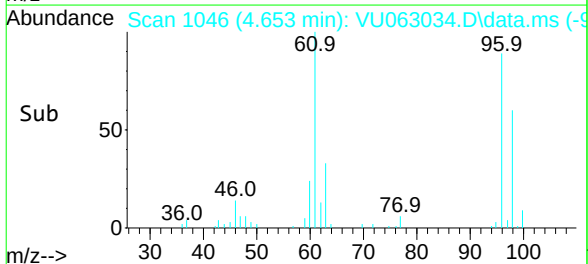
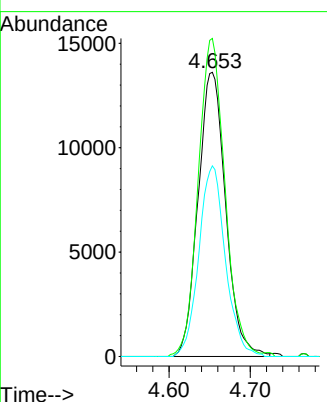
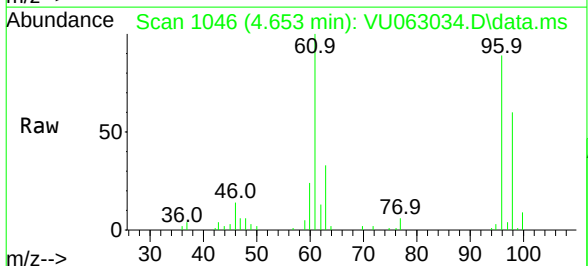




#22
 cis-1,2-Dichloroethene
 Concen: 4.874 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. 0.003 min
 Lab File: VU063034.D
 Acq: 27 Jan 2025 22:43

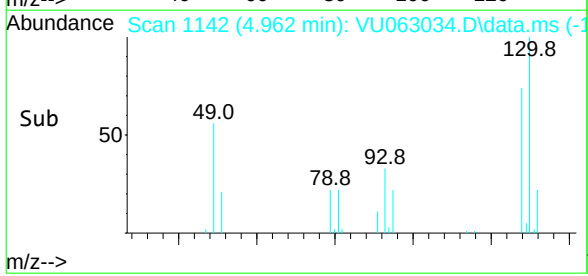
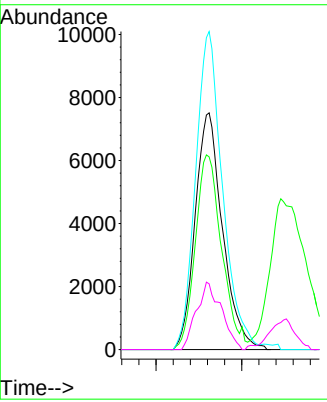
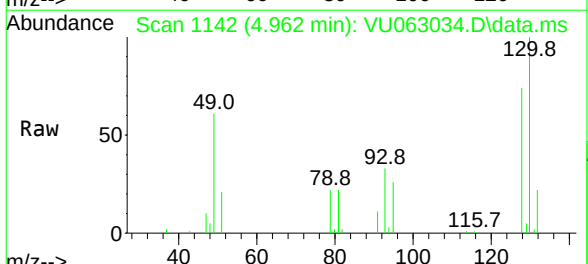
Instrument :
 MSVOA_U
 ClientSampleId :
 A44T8MS

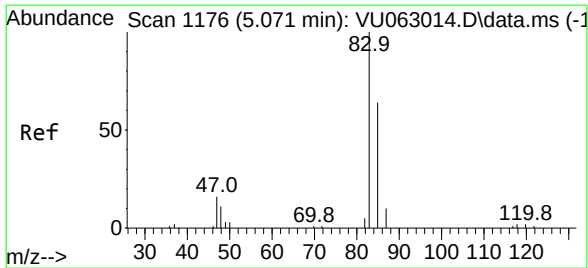
Tgt Ion:	96	Resp:	32095
Ion	Ratio	Lower	Upper
96	100		
61	111.9	84.8	157.6
98	67.1	43.1	80.1



#23
 Bromochloromethane
 Concen: 5.043 ug/L
 RT: 4.962 min Scan# 1142
 Delta R.T. 0.003 min
 Lab File: VU063034.D
 Acq: 27 Jan 2025 22:43

Tgt Ion:	128	Resp:	16667
Ion	Ratio	Lower	Upper
128	100		
49	81.4	81.1	150.7
130	134.4	94.9	176.3
51	27.8	30.6	46.0

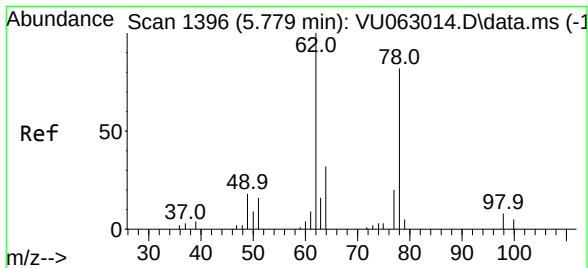
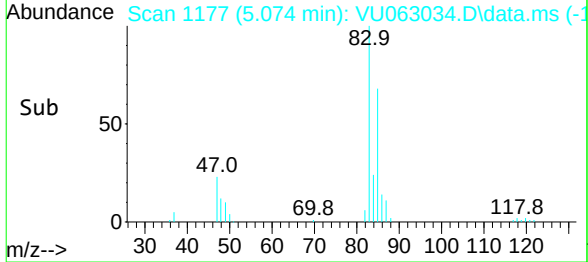
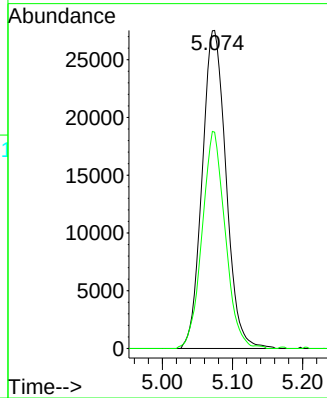
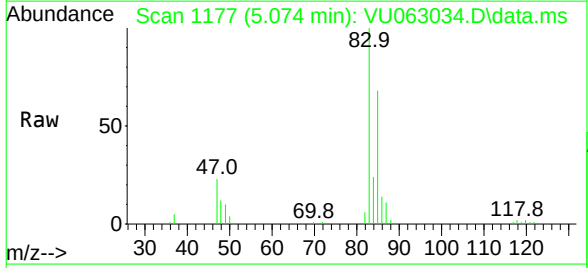




#25
Chloroform
Concen: 4.715 ug/L
RT: 5.074 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VU063034.D
Acq: 27 Jan 2025 22:43

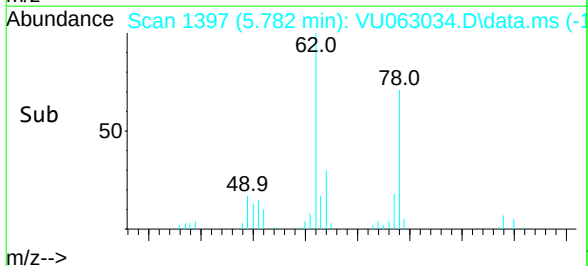
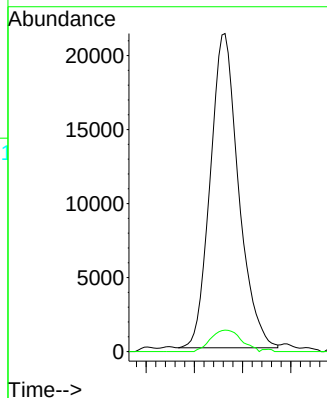
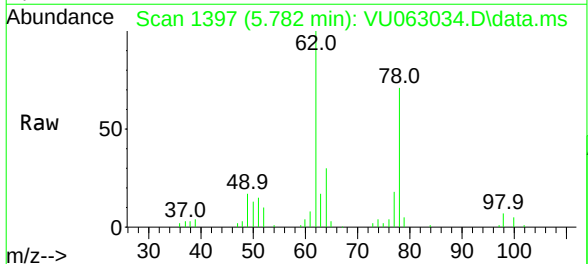
Instrument :
MSVOA_U
ClientSampleId :
A44T8MS

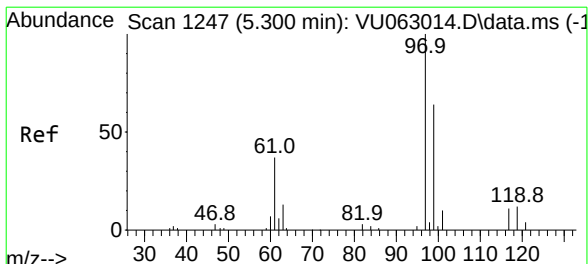
Tgt Ion: 83 Resp: 65062
Ion Ratio Lower Upper
83 100
85 68.0 45.8 85.2



#27
1,2-Dichloroethane
Concen: 4.481 ug/L
RT: 5.782 min Scan# 1397
Delta R.T. 0.003 min
Lab File: VU063034.D
Acq: 27 Jan 2025 22:43

Tgt Ion: 62 Resp: 43346
Ion Ratio Lower Upper
62 100
98 6.7 5.8 8.6

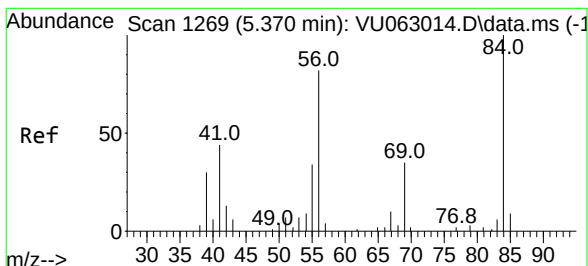
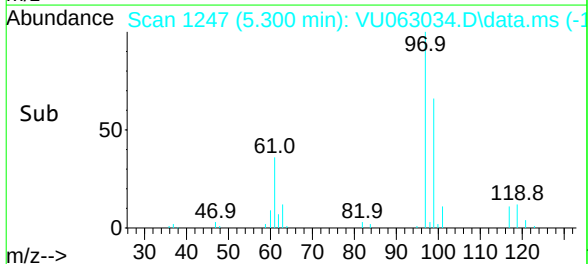
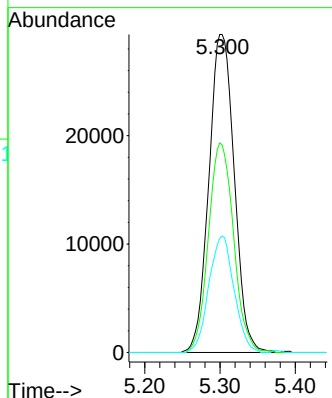
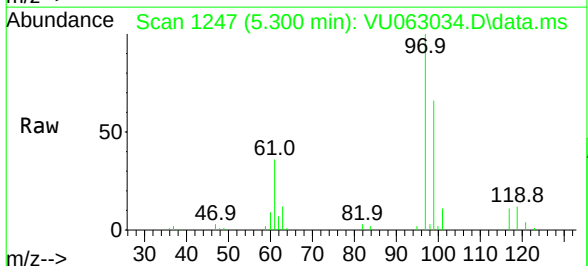




#29
 1,1,1-Trichloroethane
 Concen: 4.783 ug/L
 RT: 5.300 min Scan# 1270
 Delta R.T. -0.000 min
 Lab File: VU063034.D
 Acq: 27 Jan 2025 22:43

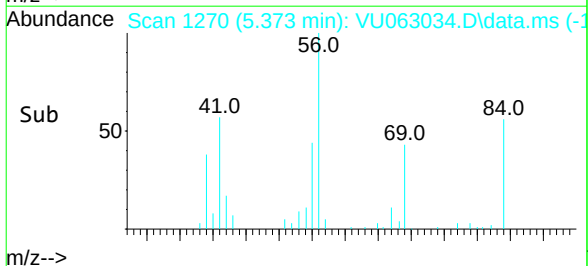
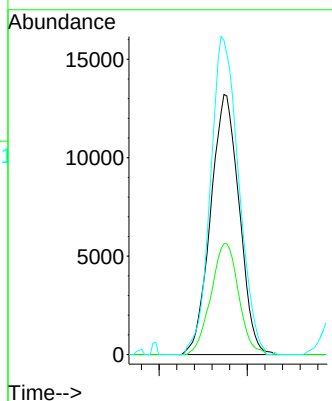
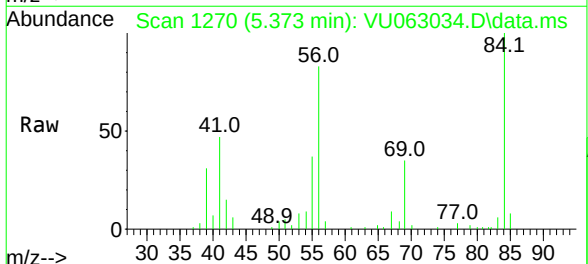
Instrument :
 MSVOA_U
 ClientSampleId :
 A44T8MS

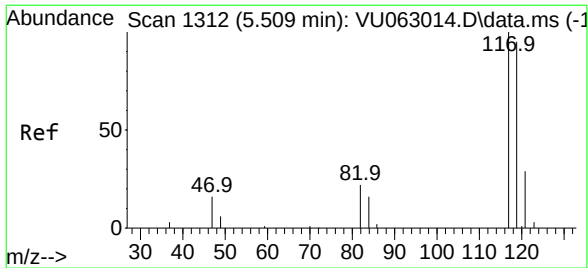
Tgt Ion:	97	Resp:	68752
Ion	Ratio	Lower	Upper
97	100		
99	65.4	52.4	78.6
61	36.3	32.2	48.4



#30
 Cyclohexane
 Concen: 4.438 ug/L
 RT: 5.373 min Scan# 1270
 Delta R.T. 0.003 min
 Lab File: VU063034.D
 Acq: 27 Jan 2025 22:43

Tgt Ion:	56	Resp:	29713
Ion	Ratio	Lower	Upper
56	100		
69	41.3	28.3	42.5
84	120.8	76.5	114.7

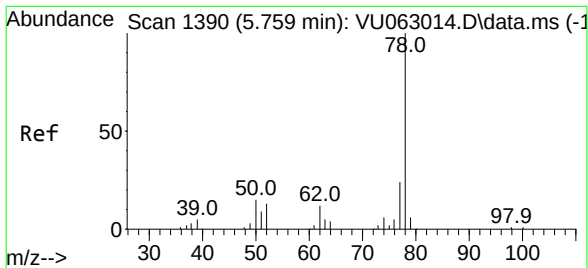
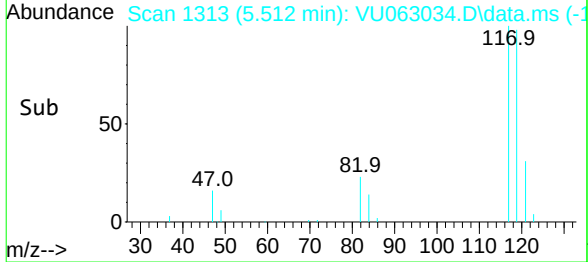
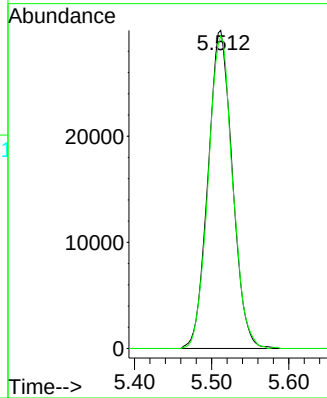
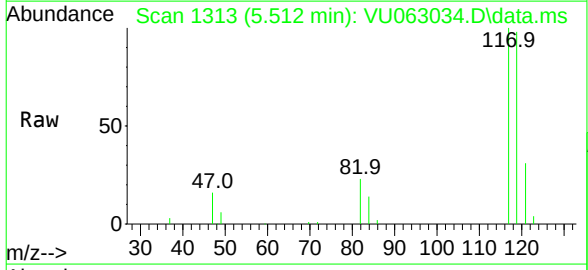




#31
Carbon tetrachloride
Concen: 4.755 ug/L
RT: 5.512 min Scan# 1312
Delta R.T. 0.003 min
Lab File: VU063034.D
Acq: 27 Jan 2025 22:43

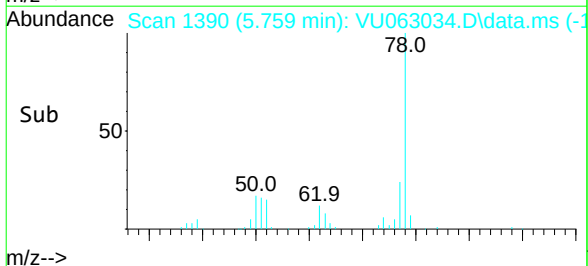
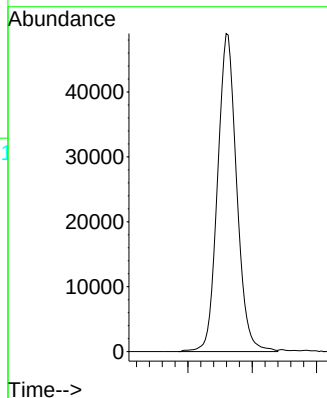
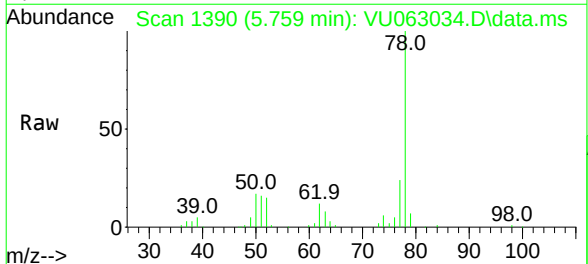
Instrument :
MSVOA_U
ClientSampleId :
A44T8MS

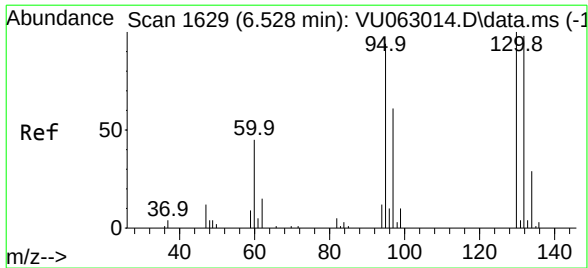
Tgt Ion:117 Resp: 65804
Ion Ratio Lower Upper
117 100
119 98.4 78.6 118.0



#33
Benzene
Concen: 4.515 ug/L
RT: 5.759 min Scan# 1390
Delta R.T. -0.000 min
Lab File: VU063034.D
Acq: 27 Jan 2025 22:43

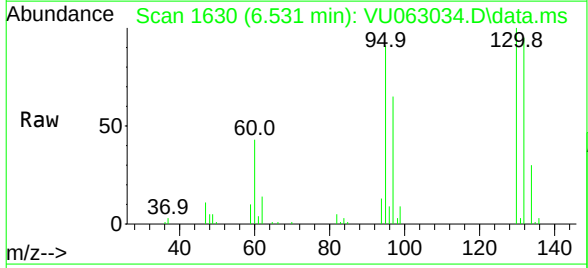
Tgt Ion: 78 Resp: 101389



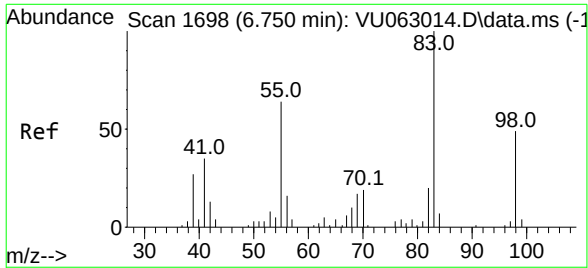
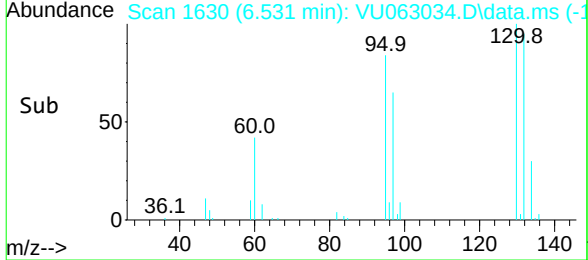
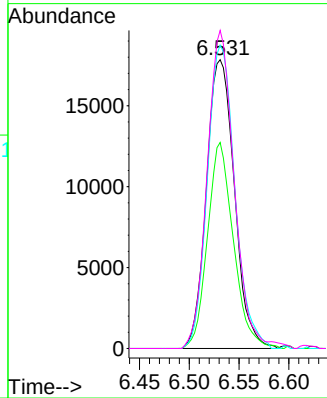


#34
Trichloroethene
Concen: 4.574 ug/L
RT: 6.531 min Scan# 1629
Delta R.T. 0.003 min
Lab File: VU063034.D
Acq: 27 Jan 2025 22:43

Instrument :
MSVOA_U
ClientSampleId :
A44T8MS

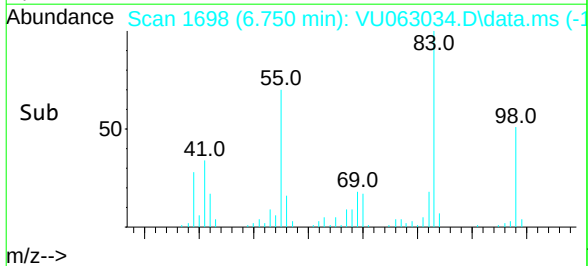
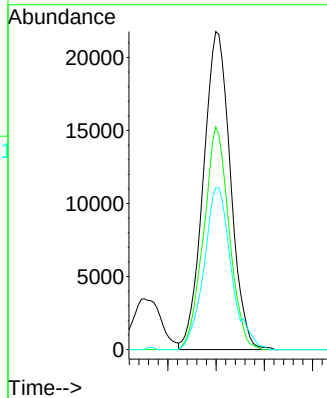
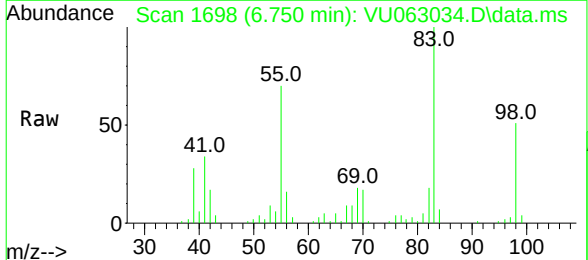


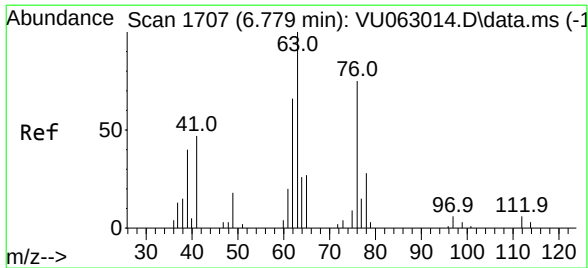
Tgt Ion:	95	Resp:	34907
Ion Ratio	Lower	Upper	
95	100		
97	71.3	47.5	88.3
132	105.1	66.9	124.3
130	110.1	68.6	127.4



#35
Methylcyclohexane
Concen: 4.429 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU063034.D
Acq: 27 Jan 2025 22:43

Tgt Ion:	83	Resp:	42583
Ion Ratio	Lower	Upper	
83	100		
55	65.7	57.2	85.8
98	51.3	36.6	55.0

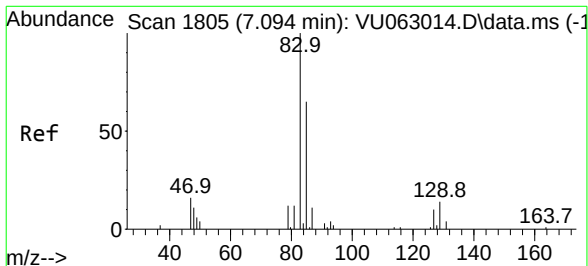
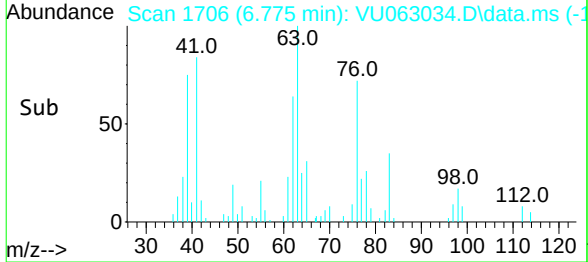
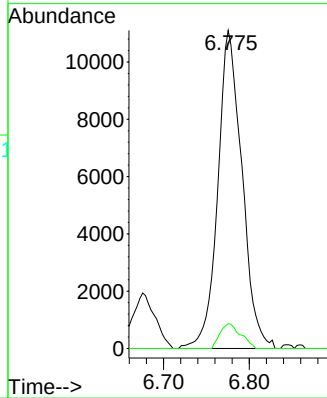
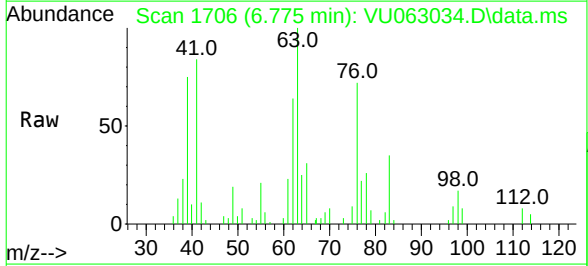




#37
1,2-Dichloropropane
Concen: 4.308 ug/L
RT: 6.775 min Scan# 1707
Delta R.T. -0.003 min
Lab File: VU063034.D
Acq: 27 Jan 2025 22:43

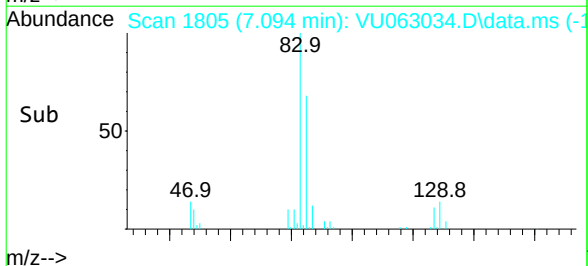
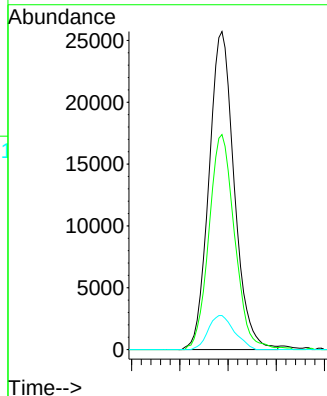
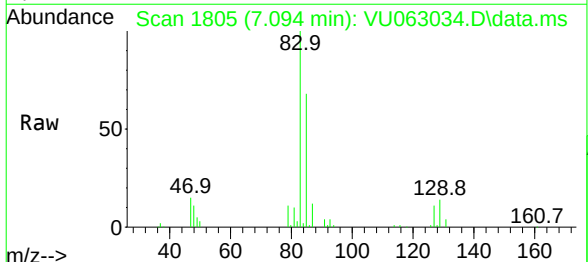
Instrument :
MSVOA_U
ClientSampleId :
A44T8MS

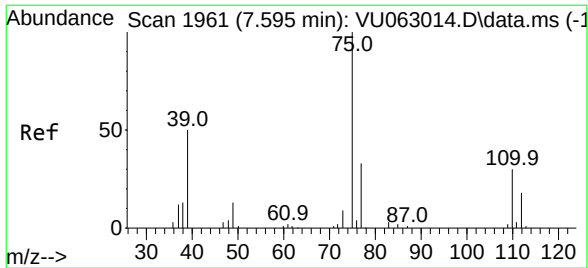
Tgt Ion: 63 Resp: 21761
Ion Ratio Lower Upper
63 100
112 6.7 3.8 5.8#



#38
Bromodichloromethane
Concen: 4.626 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063034.D
Acq: 27 Jan 2025 22:43

Tgt Ion: 83 Resp: 46818
Ion Ratio Lower Upper
83 100
85 67.6 44.2 82.0
127 10.7 7.8 11.8

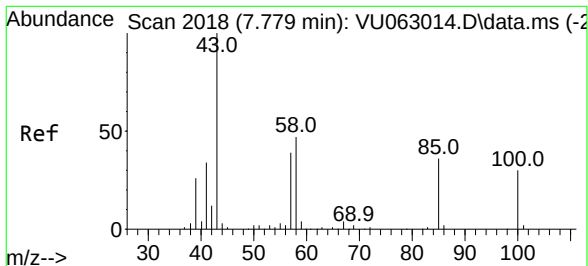
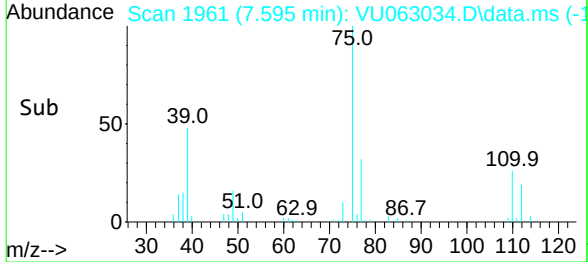
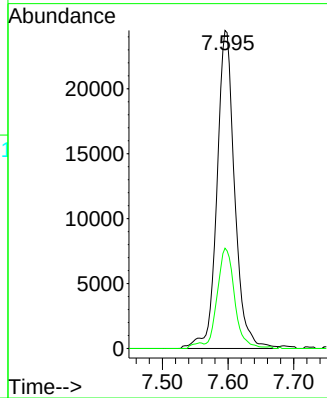
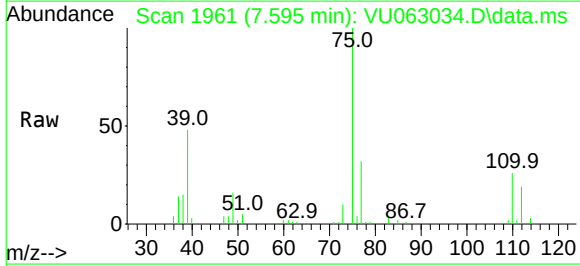




#39
 cis-1,3-Dichloropropene
 Concen: 4.813 ug/L
 RT: 7.595 min Scan# 1961
 Delta R.T. -0.000 min
 Lab File: VU063034.D
 Acq: 27 Jan 2025 22:43

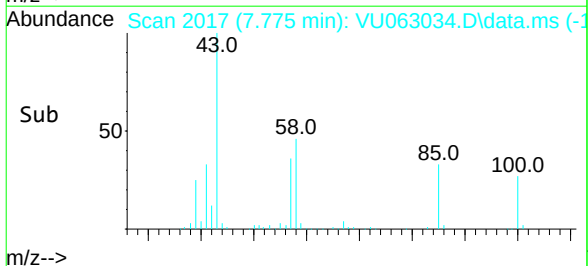
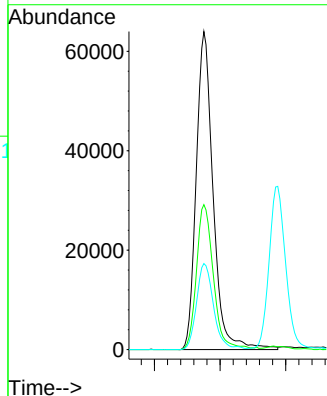
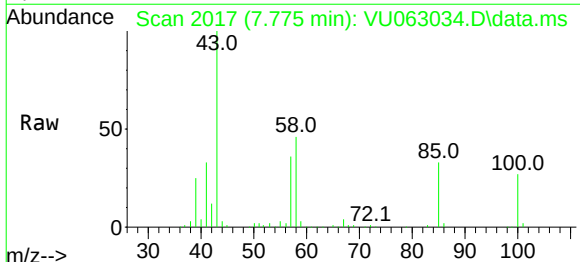
Instrument :
 MSVOA_U
 ClientSampleId :
 A44T8MS

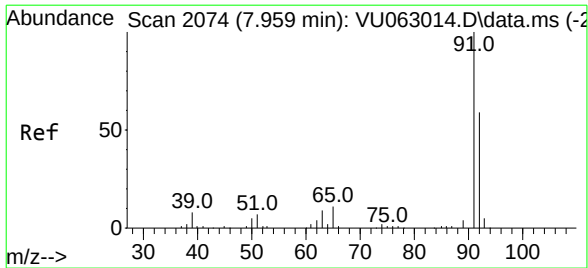
Tgt Ion: 75 Resp: 45771
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 46.908 ug/L
 RT: 7.775 min Scan# 2017
 Delta R.T. -0.003 min
 Lab File: VU063034.D
 Acq: 27 Jan 2025 22:43

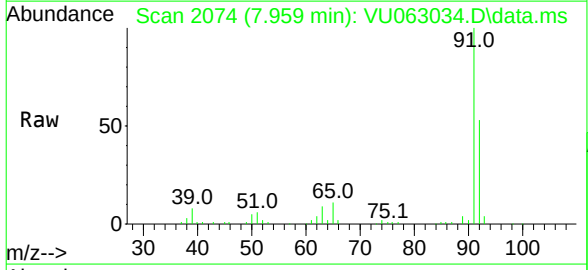
Tgt Ion: 43 Resp: 114295
 Ion Ratio Lower Upper
 43 100
 58 45.6 35.8 53.8
 100 26.9 16.8 25.2#



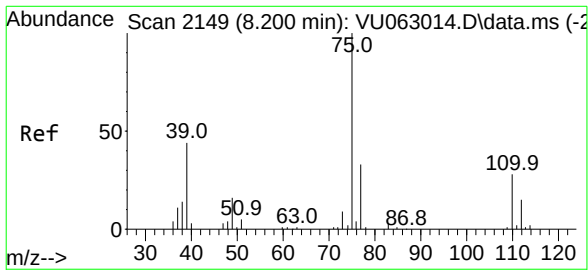
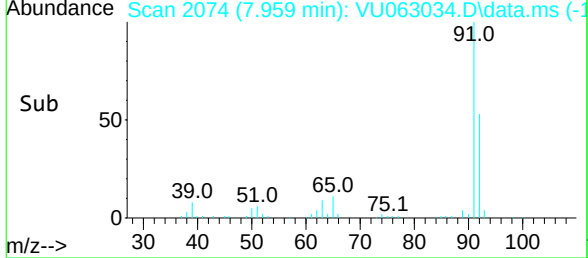
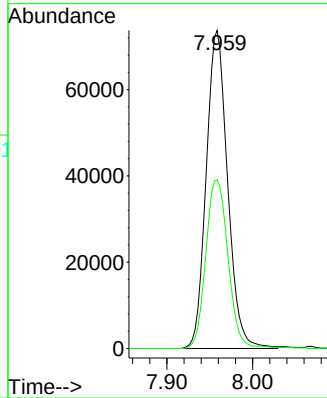


#42
Toluene
Concen: 4.787 ug/L
RT: 7.959 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VU063034.D
Acq: 27 Jan 2025 22:43

Instrument :
MSVOA_U
ClientSampleId :
A44T8MS

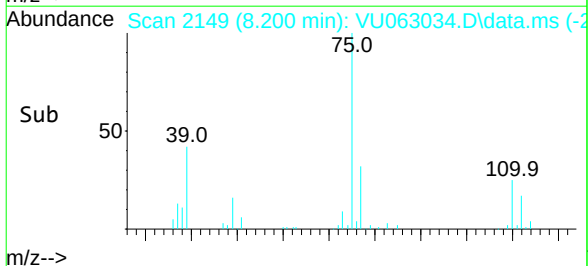
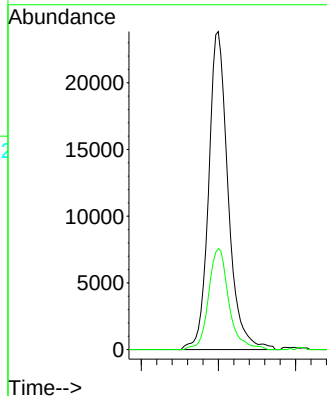
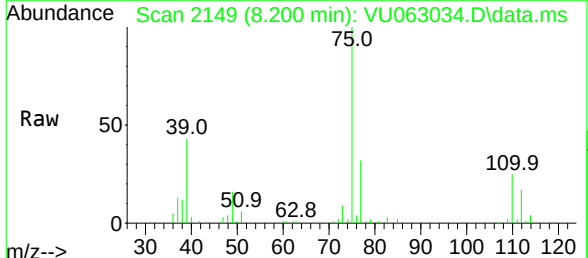


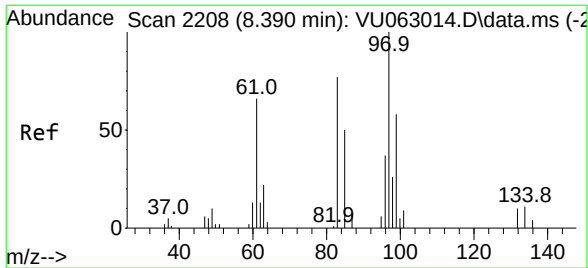
Tgt Ion: 91 Resp: 127772
Ion Ratio Lower Upper
91 100
92 53.1 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 4.779 ug/L
RT: 8.200 min Scan# 2149
Delta R.T. -0.000 min
Lab File: VU063034.D
Acq: 27 Jan 2025 22:43

Tgt Ion: 75 Resp: 41864
Ion Ratio Lower Upper
75 100
77 31.8 21.8 40.6

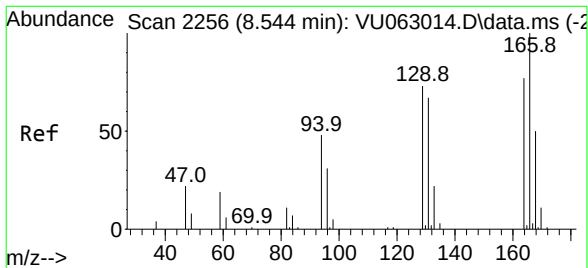
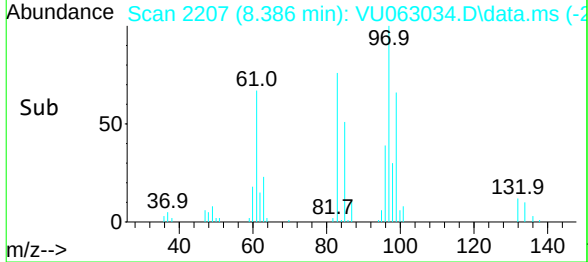
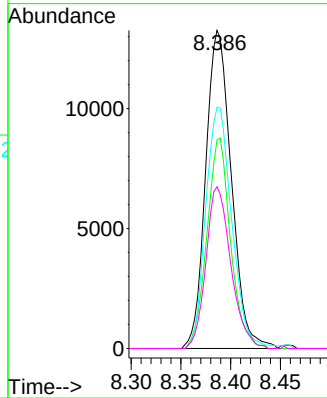
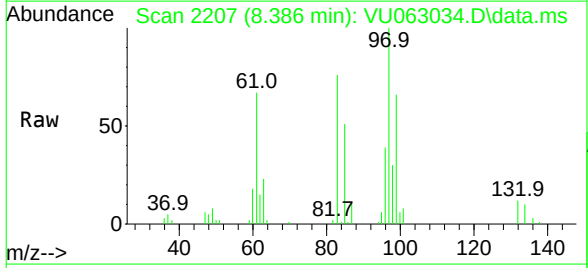




#45
1,1,2-Trichloroethane
Concen: 5.011 ug/L
RT: 8.386 min Scan# 2208
Delta R.T. -0.003 min
Lab File: VU063034.D
Acq: 27 Jan 2025 22:43

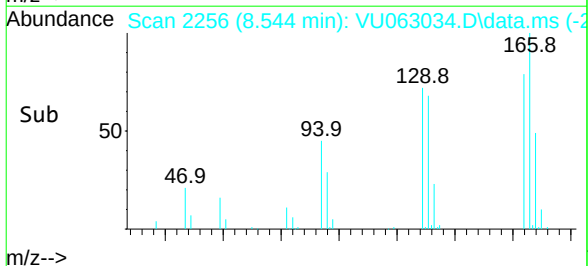
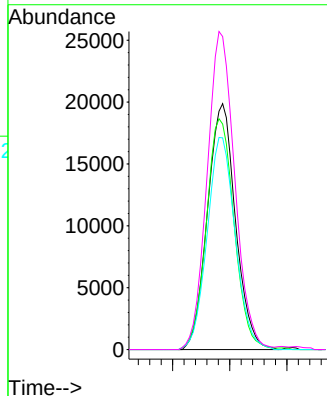
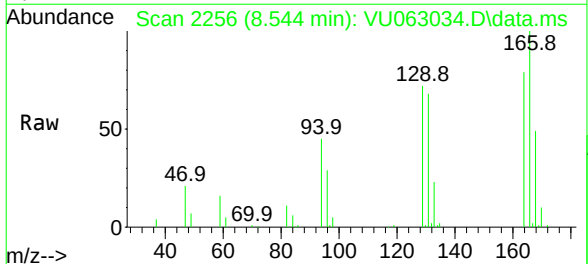
Instrument :
MSVOA_U
ClientSampleId :
A44T8MS

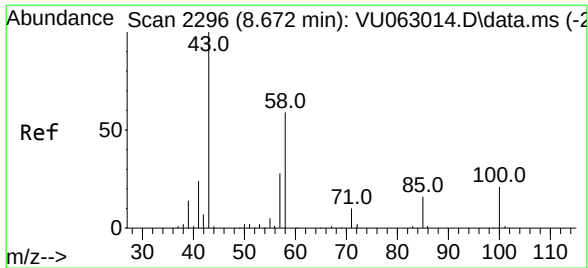
Tgt Ion:	97	Resp:	23818
Ion	Ratio	Lower	Upper
97	100		
99	65.6	45.6	84.6
83	75.8	63.0	117.0
85	50.8	39.0	72.4



#47
Tetrachloroethene
Concen: 5.106 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063034.D
Acq: 27 Jan 2025 22:43

Tgt Ion:	164	Resp:	33890
Ion	Ratio	Lower	Upper
164	100		
129	91.7	71.0	131.9
131	86.1	69.4	129.0
166	127.3	92.7	172.3

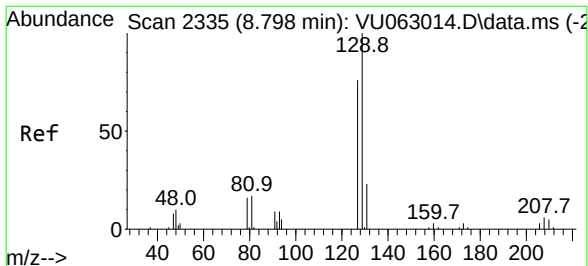
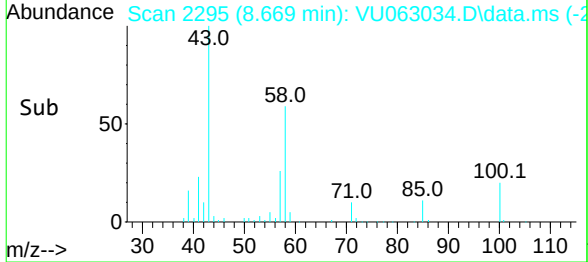
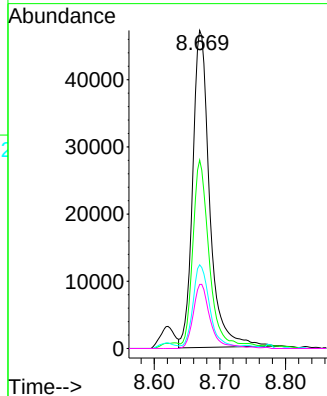
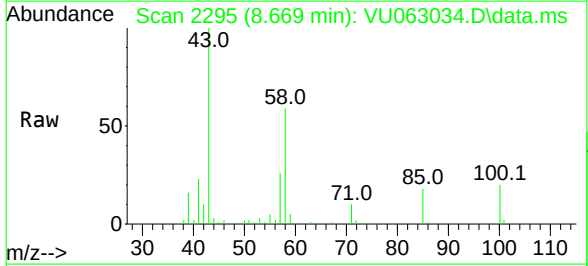




#48
2-Hexanone
Concen: 50.140 ug/L
RT: 8.669 min Scan# 2295
Delta R.T. -0.003 min
Lab File: VU063034.D
Acq: 27 Jan 2025 22:43

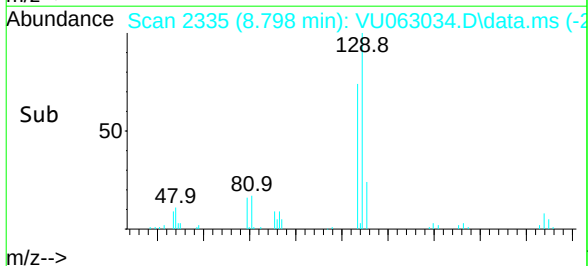
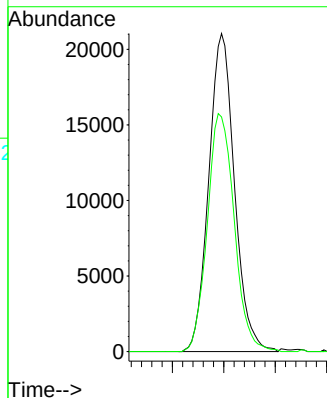
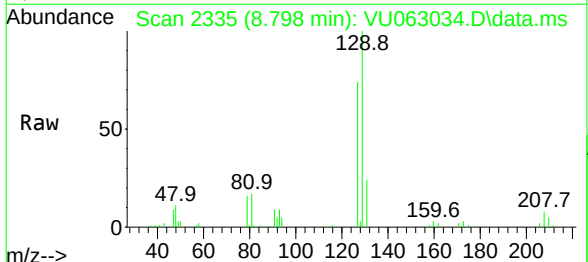
Instrument :
MSVOA_U
ClientSampleId :
A44T8MS

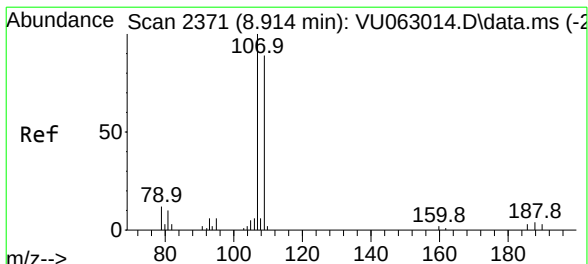
Tgt Ion:	43	Resp:	84739
Ion	Ratio	Lower	Upper
43	100		
58	54.3	50.2	75.4
57	24.9	19.9	29.9
100	20.2	12.6	18.8



#49
Dibromochloromethane
Concen: 4.926 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VU063034.D
Acq: 27 Jan 2025 22:43

Tgt Ion:	129	Resp:	36538
Ion	Ratio	Lower	Upper
129	100		
127	73.8	52.1	96.9

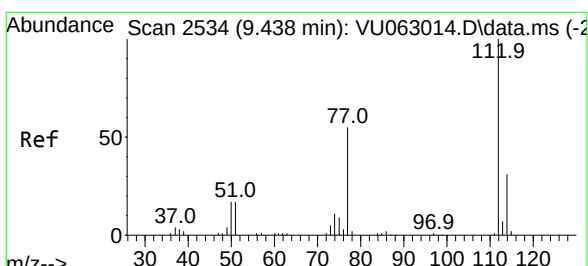
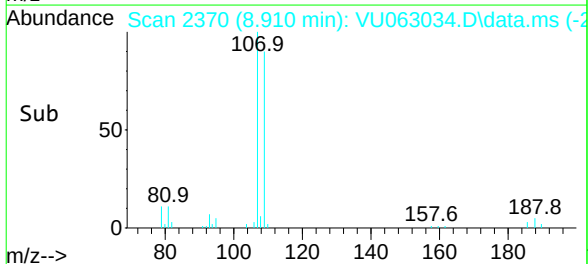
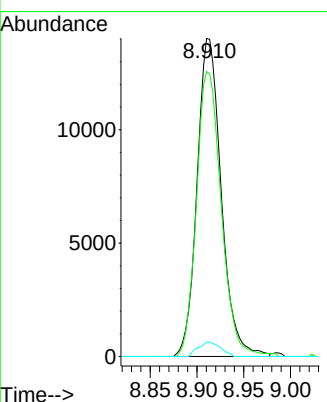
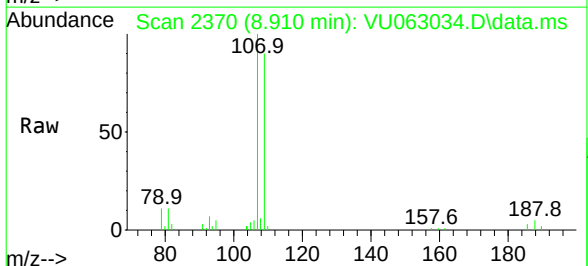




#50
 1,2-Dibromoethane
 Concen: 5.250 ug/L
 RT: 8.910 min Scan# 2371
 Delta R.T. -0.003 min
 Lab File: VU063034.D
 Acq: 27 Jan 2025 22:43

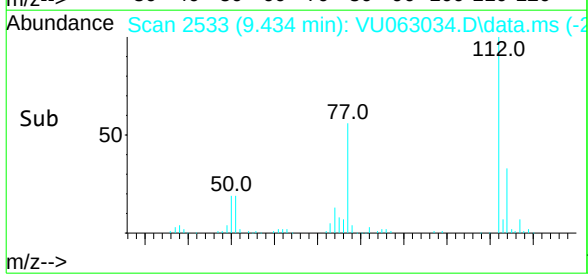
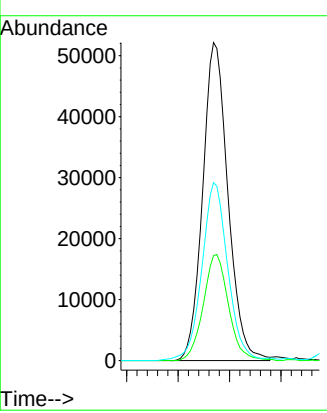
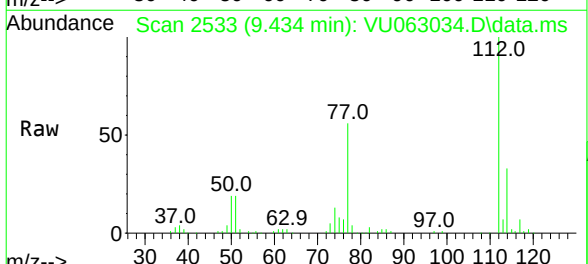
Instrument :
 MSVOA_U
 ClientSampleId :
 A44T8MS

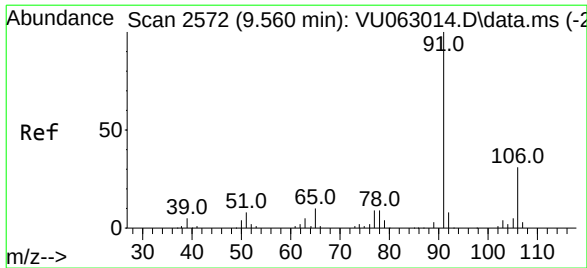
Tgt Ion:	107	Resp:	25211
Ion	Ratio	Lower	Upper
107	100		
109	89.6	65.7	121.9
188	4.5	3.4	5.2



#51
 Chlorobenzene
 Concen: 4.814 ug/L
 RT: 9.434 min Scan# 2533
 Delta R.T. -0.003 min
 Lab File: VU063034.D
 Acq: 27 Jan 2025 22:43

Tgt Ion:	112	Resp:	89095
Ion	Ratio	Lower	Upper
112	100		
114	33.0	21.7	40.3
77	56.0	48.6	73.0

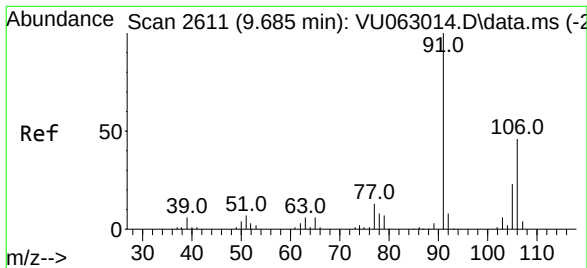
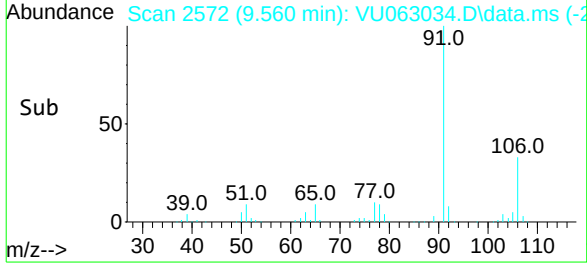
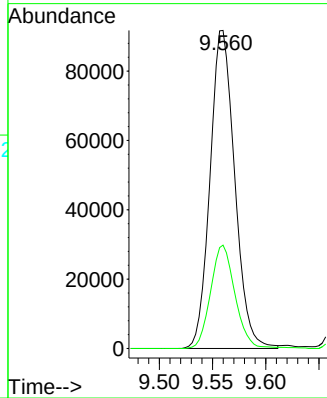
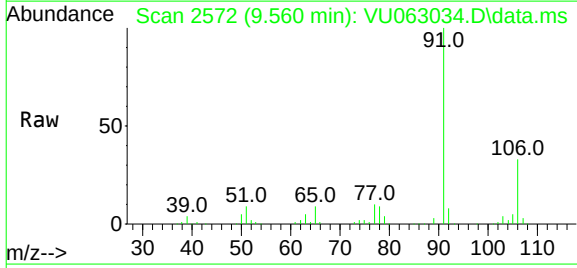




#52
Ethylbenzene
Concen: 4.758 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. -0.000 min
Lab File: VU063034.D
Acq: 27 Jan 2025 22:43

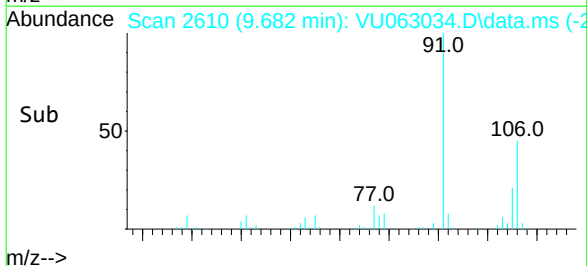
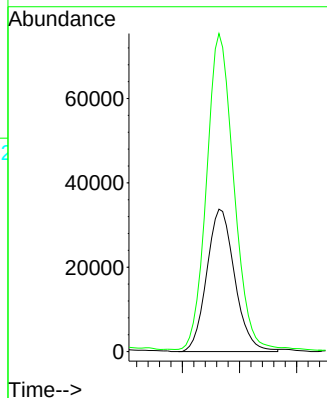
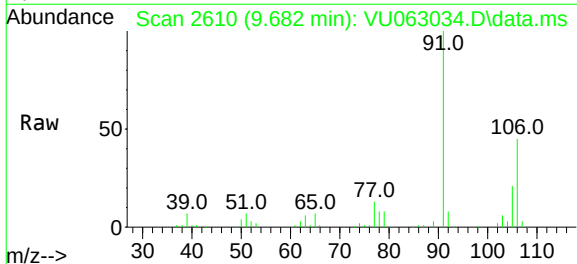
Instrument :
MSVOA_U
ClientSampleId :
A44T8MS

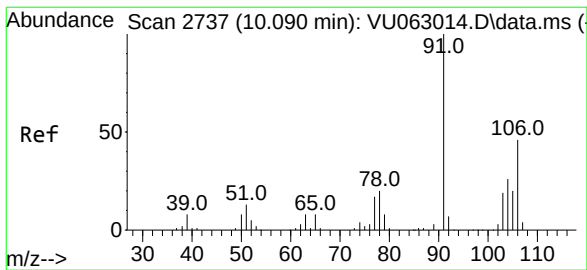
Tgt Ion: 91 Resp: 148007
Ion Ratio Lower Upper
91 100
106 32.5 21.9 40.7



#53
m,p-Xylene
Concen: 4.779 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. -0.003 min
Lab File: VU063034.D
Acq: 27 Jan 2025 22:43

Tgt Ion:106 Resp: 57408
Ion Ratio Lower Upper
106 100
91 223.3 153.1 284.3





#54

o-Xylene

Concen: 5.039 ug/L

RT: 10.087 min Scan# 2737

Delta R.T. -0.003 min

Lab File: VU063034.D

Acq: 27 Jan 2025 22:43

Instrument :

MSVOA_U

ClientSampleId :

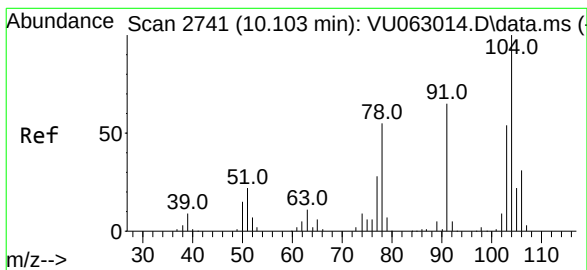
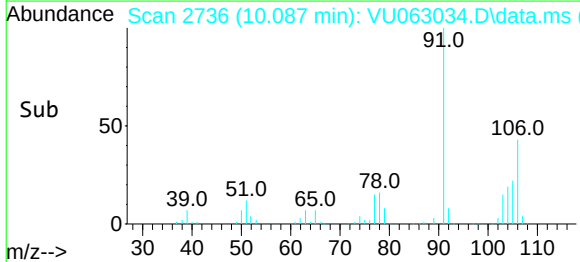
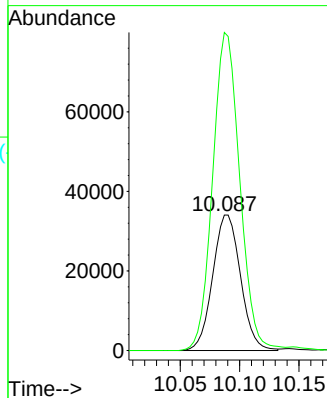
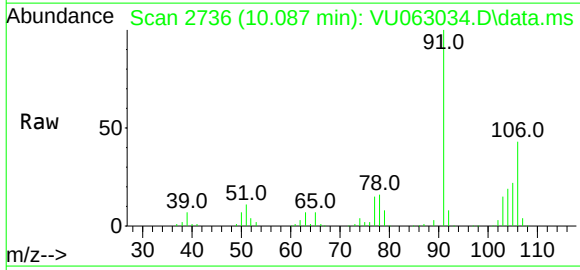
A44T8MS

Tgt Ion:106 Resp: 55462

Ion Ratio Lower Upper

106 100

91 234.8 160.4 297.8



#55

Styrene

Concen: 4.808 ug/L

RT: 10.103 min Scan# 2741

Delta R.T. -0.000 min

Lab File: VU063034.D

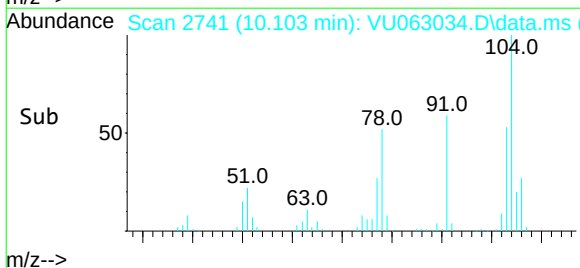
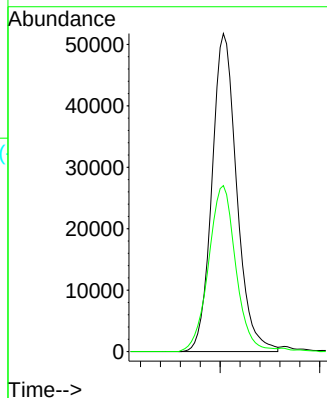
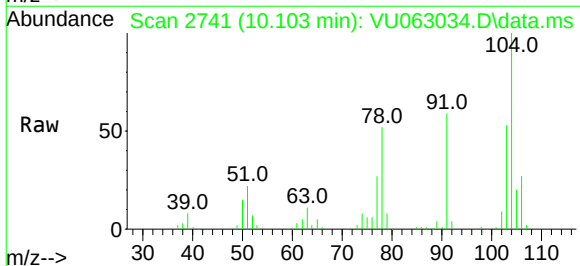
Acq: 27 Jan 2025 22:43

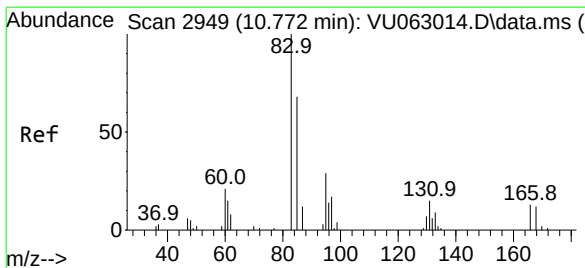
Tgt Ion:104 Resp: 89469

Ion Ratio Lower Upper

104 100

78 52.2 35.5 65.9

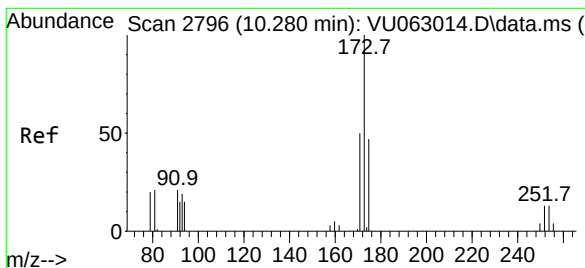
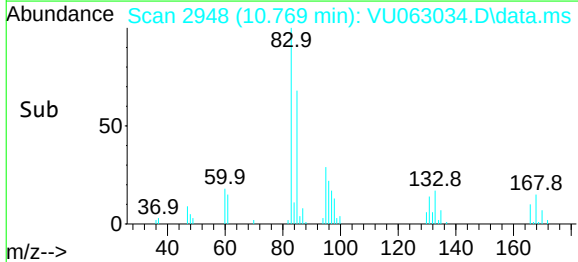
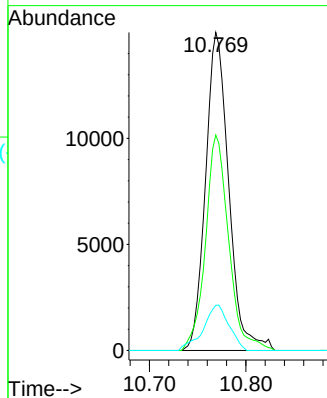
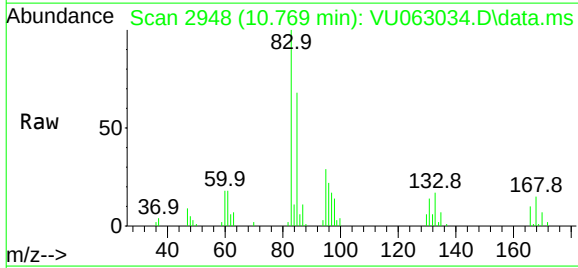




#57
1,1,2,2-Tetrachloroethane
Concen: 4.704 ug/L
RT: 10.769 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU063034.D
Acq: 27 Jan 2025 22:43

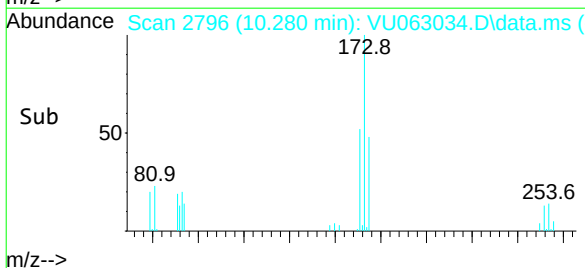
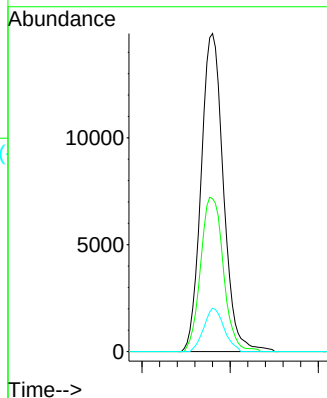
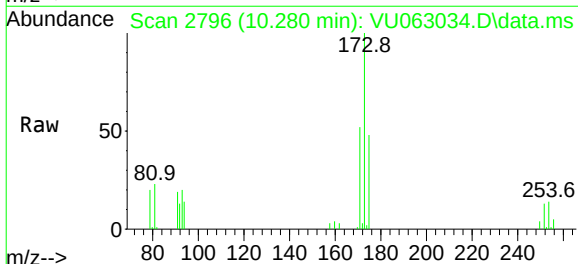
Instrument :
MSVOA_U
ClientSampleId :
A44T8MS

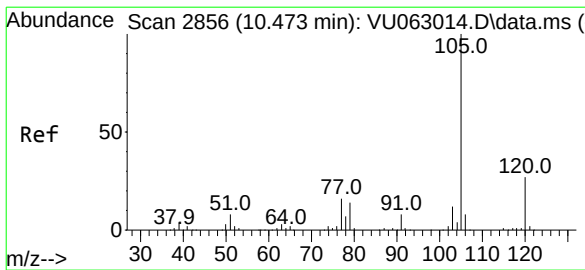
Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.7	43.0	79.8
131	14.2	7.4	11.0



#59
Bromoform
Concen: 4.995 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. -0.000 min
Lab File: VU063034.D
Acq: 27 Jan 2025 22:43

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.5	39.8	59.8
254	12.4	8.6	12.8





#60

Isopropylbenzene

Concen: 4.675 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. -0.000 min

Lab File: VU063034.D

Acq: 27 Jan 2025 22:43

Instrument :

MSVOA_U

ClientSampleId :

A44T8MS

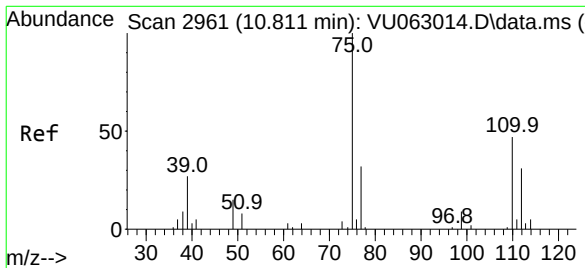
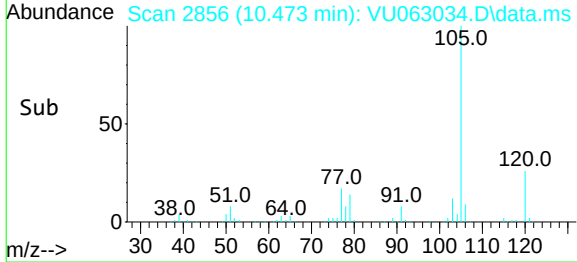
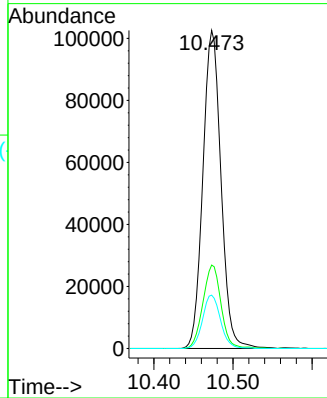
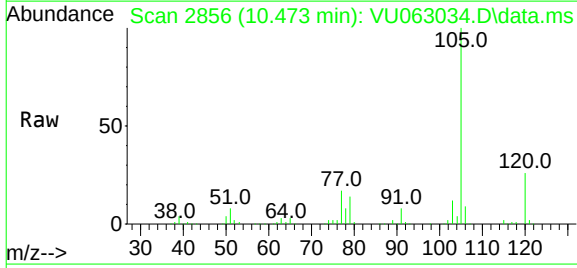
Tgt Ion:105 Resp: 163127

Ion Ratio Lower Upper

105 100

120 26.3 20.2 30.2

77 16.6 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 4.183 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. -0.000 min

Lab File: VU063034.D

Acq: 27 Jan 2025 22:43

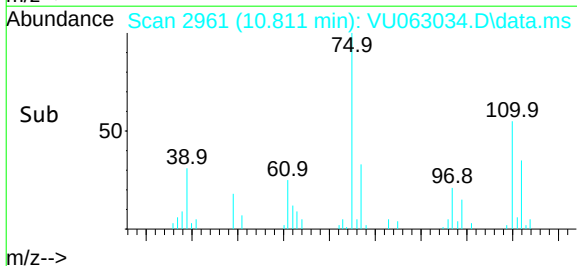
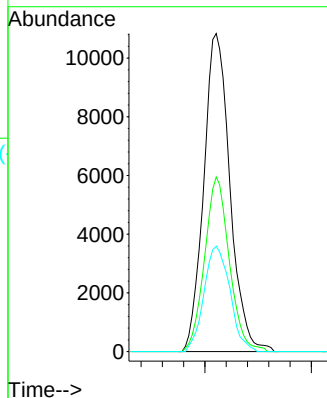
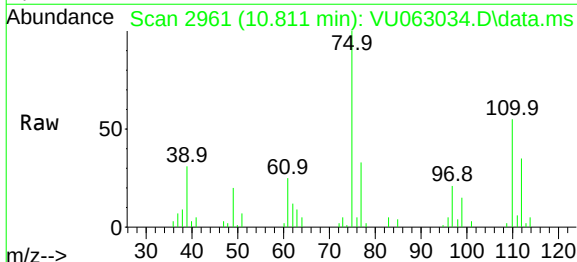
Tgt Ion: 75 Resp: 18536

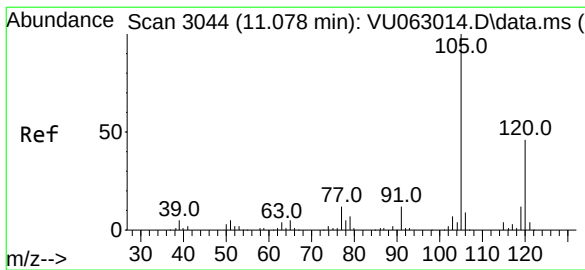
Ion Ratio Lower Upper

75 100

110 51.8 33.2 49.8#

77 32.8 25.9 38.9

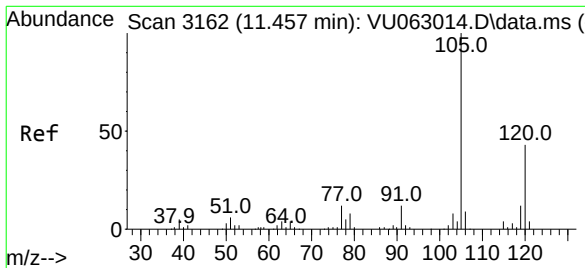
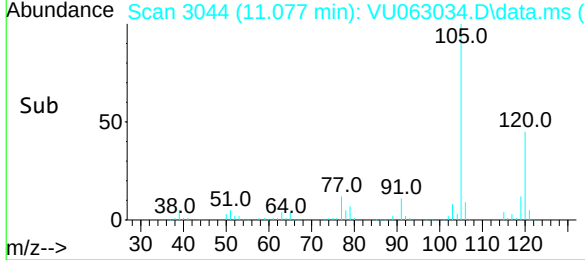
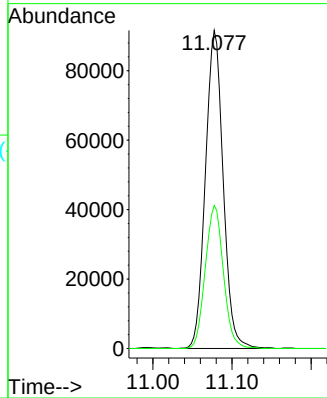
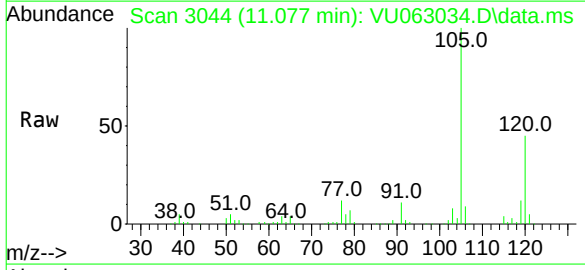




#62
1,3,5-Trimethylbenzene
Concen: 4.666 ug/L
RT: 11.077 min Scan# 3044
Delta R.T. -0.000 min
Lab File: VU063034.D
Acq: 27 Jan 2025 22:43

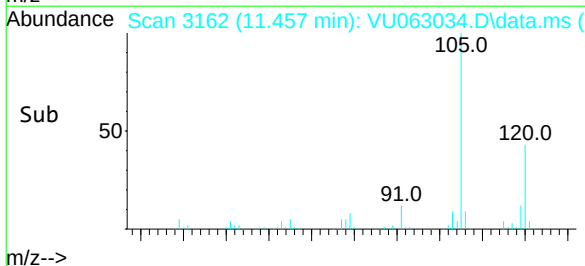
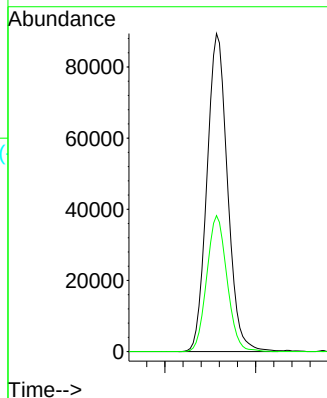
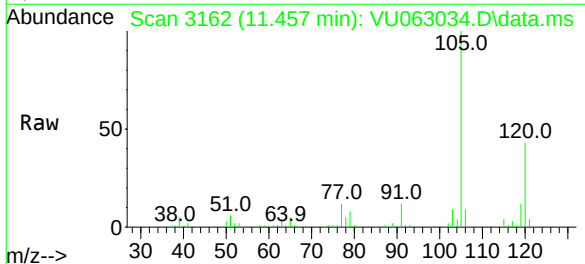
Instrument :
MSVOA_U
ClientSampleId :
A44T8MS

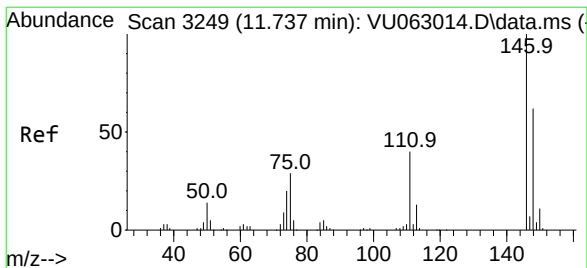
Tgt Ion:105 Resp: 142751
Ion Ratio Lower Upper
105 100
120 45.9 35.9 53.9



#63
1,2,4-Trimethylbenzene
Concen: 4.868 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VU063034.D
Acq: 27 Jan 2025 22:43

Tgt Ion:105 Resp: 140861
Ion Ratio Lower Upper
105 100
120 42.1 34.2 51.2





#64

1,3-Dichlorobenzene

Concen: 4.782 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU063034.D

Acq: 27 Jan 2025 22:43

Instrument :

MSVOA_U

ClientSampleId :

A44T8MS

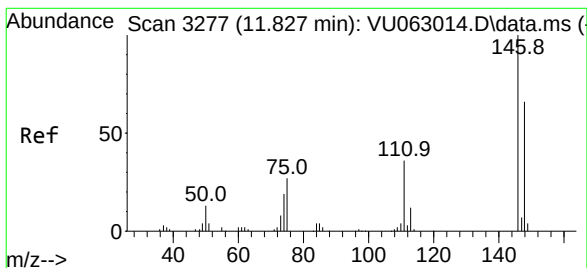
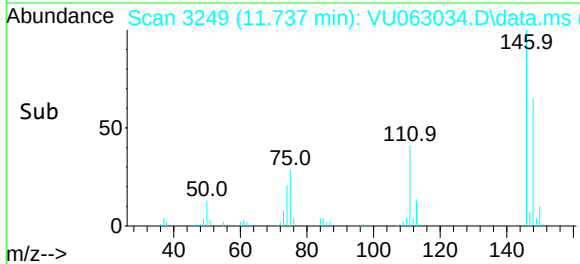
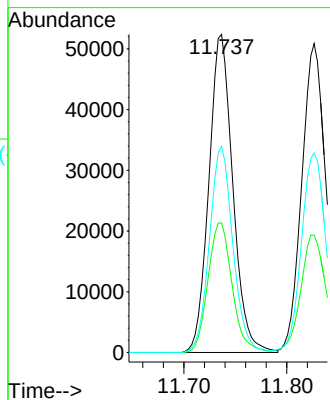
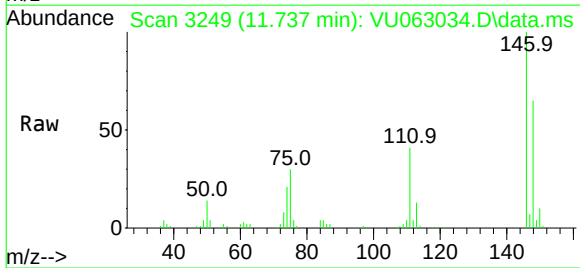
Tgt Ion:146 Resp: 84719

Ion Ratio Lower Upper

146 100

111 40.7 28.6 53.0

148 64.9 44.0 81.6



#65

1,4-Dichlorobenzene

Concen: 4.697 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU063034.D

Acq: 27 Jan 2025 22:43

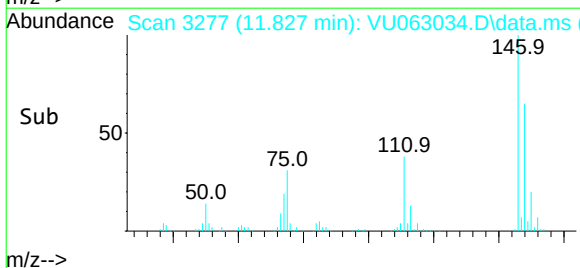
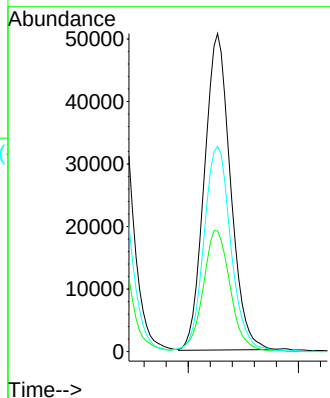
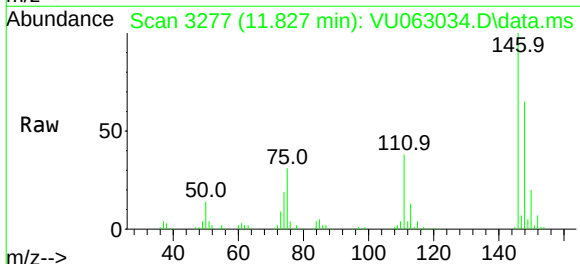
Tgt Ion:146 Resp: 83470

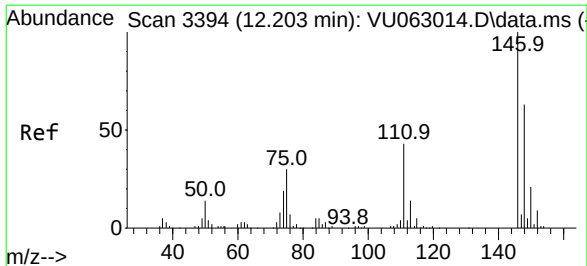
Ion Ratio Lower Upper

146 100

111 37.9 29.5 54.9

148 64.6 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 4.760 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU063034.D

Acq: 27 Jan 2025 22:43

Instrument :

MSVOA_U

ClientSampleId :

A44T8MS

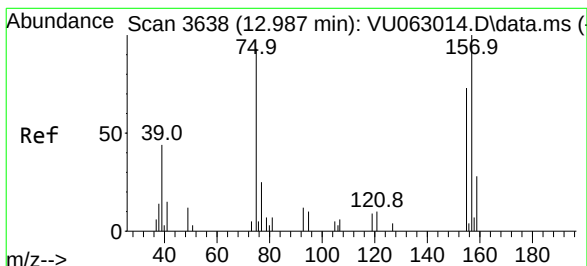
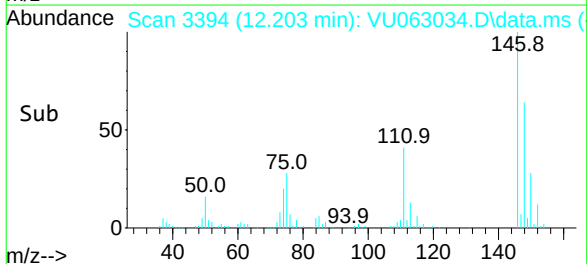
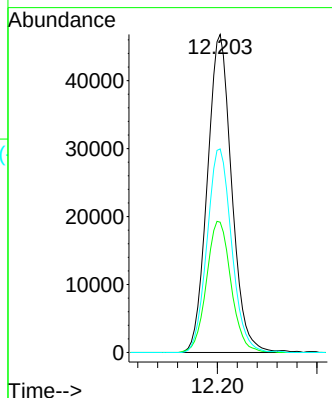
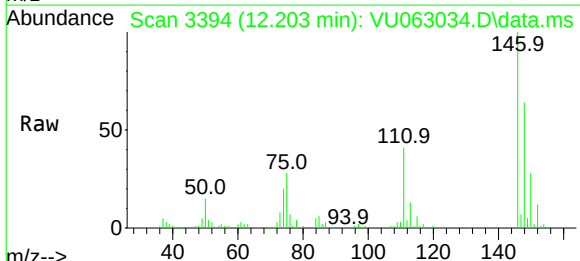
Tgt Ion:146 Resp: 79345

Ion Ratio Lower Upper

146 100

111 41.0 36.3 54.5

148 64.0 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.112 ug/L

RT: 12.984 min Scan# 3637

Delta R.T. -0.003 min

Lab File: VU063034.D

Acq: 27 Jan 2025 22:43

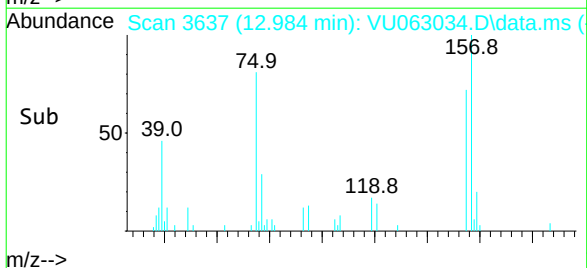
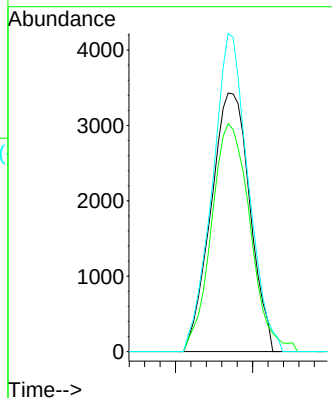
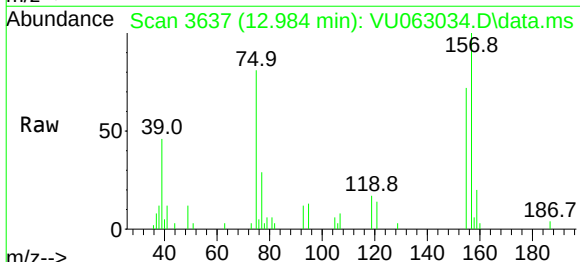
Tgt Ion: 75 Resp: 5991

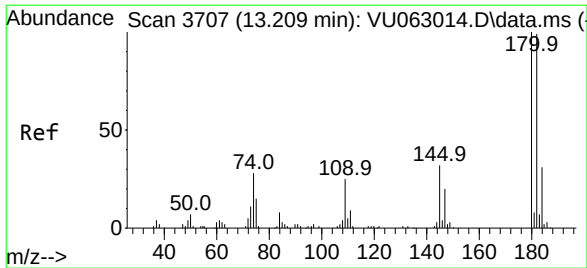
Ion Ratio Lower Upper

75 100

155 88.2 59.6 89.4

157 123.0 70.8 106.2#





#69

1,3,5-Trichlorobenzene

Concen: 4.975 ug/L

RT: 13.209 min Scan# 37

Delta R.T. -0.000 min

Lab File: VU063034.D

Acq: 27 Jan 2025 22:43

Instrument :

MSVOA_U

ClientSampleId :

A44T8MS

Tgt Ion:180 Resp: 70411

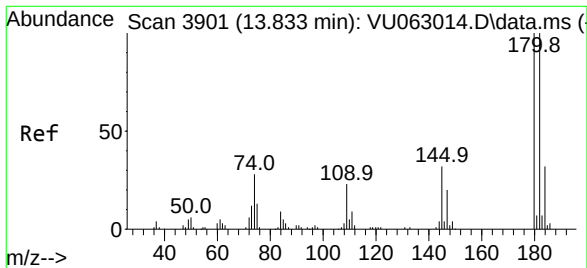
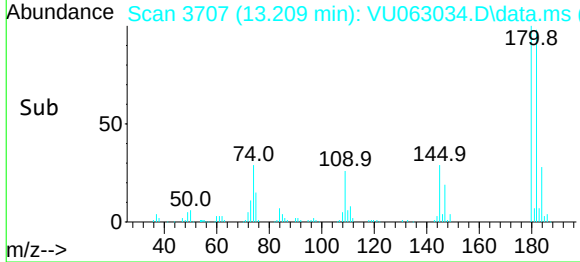
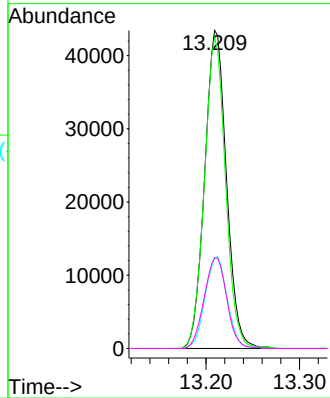
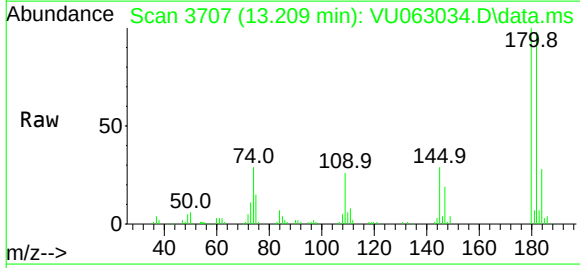
Ion Ratio Lower Upper

180 100

182 94.6 75.8 113.8

184 29.2 24.7 37.1

145 29.6 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 5.124 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.003 min

Lab File: VU063034.D

Acq: 27 Jan 2025 22:43

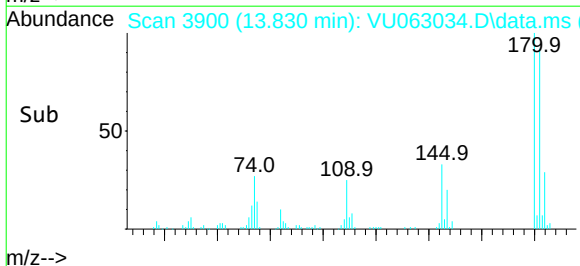
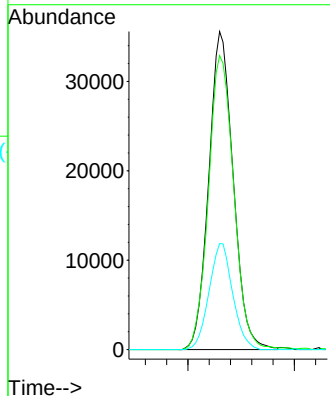
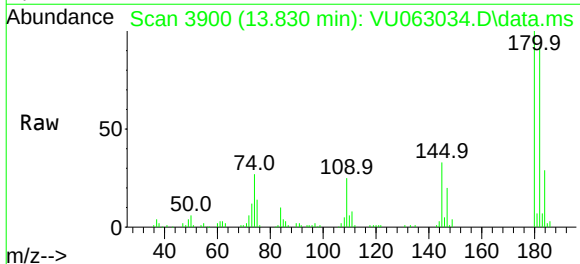
Tgt Ion:180 Resp: 56755

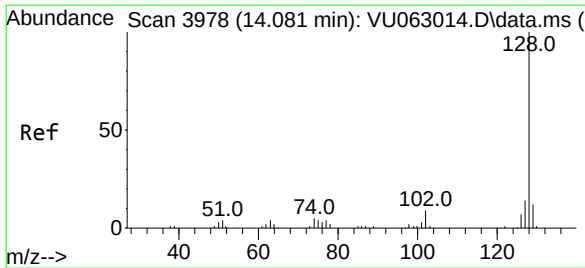
Ion Ratio Lower Upper

180 100

182 95.8 77.1 115.7

145 32.2 26.9 40.3





#71

Naphthalene

Concen: 6.045 ug/L

RT: 14.077 min Scan# 3977

Delta R.T. -0.003 min

Lab File: VU063034.D

Acq: 27 Jan 2025 22:43

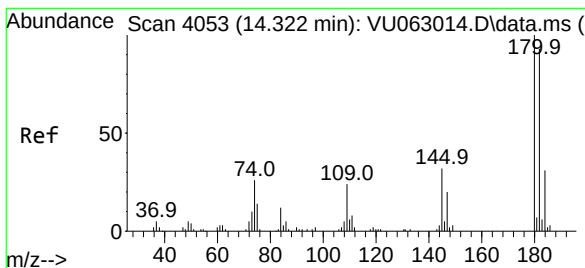
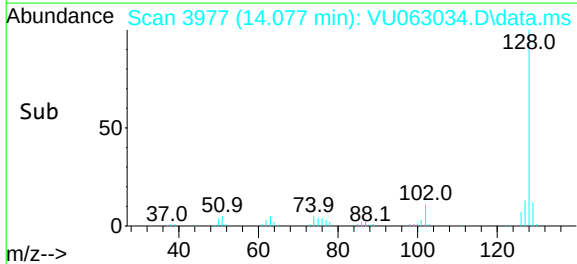
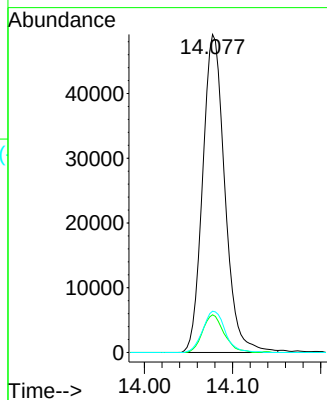
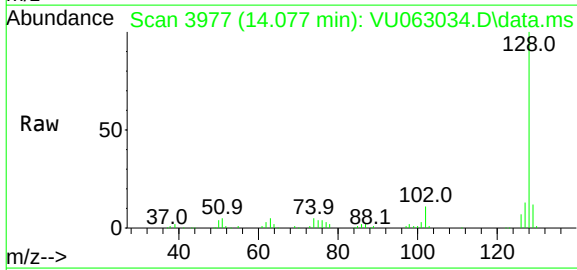
Instrument :

MSVOA_U

ClientSampleId :

A44T8MS

Tgt Ion:	128	Resp:	85909
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.5	12.7
127	13.1	10.2	15.2



#72

1,2,3-Trichlorobenzene

Concen: 5.408 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU063034.D

Acq: 27 Jan 2025 22:43

Tgt Ion:	180	Resp:	51755
Ion Ratio	Lower	Upper	
180	100		
182	93.5	79.8	119.6
145	33.8	29.2	43.8

