

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012125\
 Data File : VU062934.D
 Acq On : 21 Jan 2025 09:38
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 22 02:11:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 21 02:39:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	89840	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	77187	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	40013	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	18840	3.786	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.901	69	17931	4.480	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.557	65	10428	4.046	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	4.608	46	57724	56.763	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.520%
24) Chloroform-d	5.049	84	61288	5.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.689	65	32838	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.714	84	95114	5.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.679	67	27926	5.338	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.800%
41) Toluene-d8	7.888	98	74712	4.064	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.174	79	10630	4.076	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.621	63	32528	39.662	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.320%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	25470	5.814	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.200%
66) 1,2-Dichlorobenzene-d4	12.180	152	34126	5.126	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	42212	4.932	ug/L	100
3) Chloromethane	1.515	50	27851	4.849	ug/L	97
5) Vinyl chloride	1.599	62	31559	4.880	ug/L	100
6) Bromomethane	1.843	94	21349	4.537	ug/L	95
8) Chloroethane	1.924	64	20761	5.343	ug/L	98
9) Trichlorofluoromethane	2.129	101	67457	5.171	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	32686	5.186	ug/L	98
12) 1,1-Dichloroethene	2.570	96	28309	5.076	ug/L	97
13) Acetone	2.615	43	38504	47.796	ug/L	98
14) Carbon disulfide	2.785	76	82437	4.628	ug/L	99
15) Methyl Acetate	2.940	43	9801	5.619	ug/L	99
16) Methylene chloride	3.033	84	31267	5.118	ug/L	92
17) Methyl tert-butyl Ether	3.348	73	81161	5.295	ug/L	99
18) trans-1,2-Dichloroethene	3.342	96	30412	5.090	ug/L	100
19) 1,1-Dichloroethane	3.856	63	55499	5.195	ug/L	94
21) 2-Butanone	4.686	43	57161	53.278	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	34201	5.256	ug/L	98
23) Bromochloromethane	4.959	128	15633	5.089	ug/L	93
25) Chloroform	5.075	83	68039	5.175	ug/L	99

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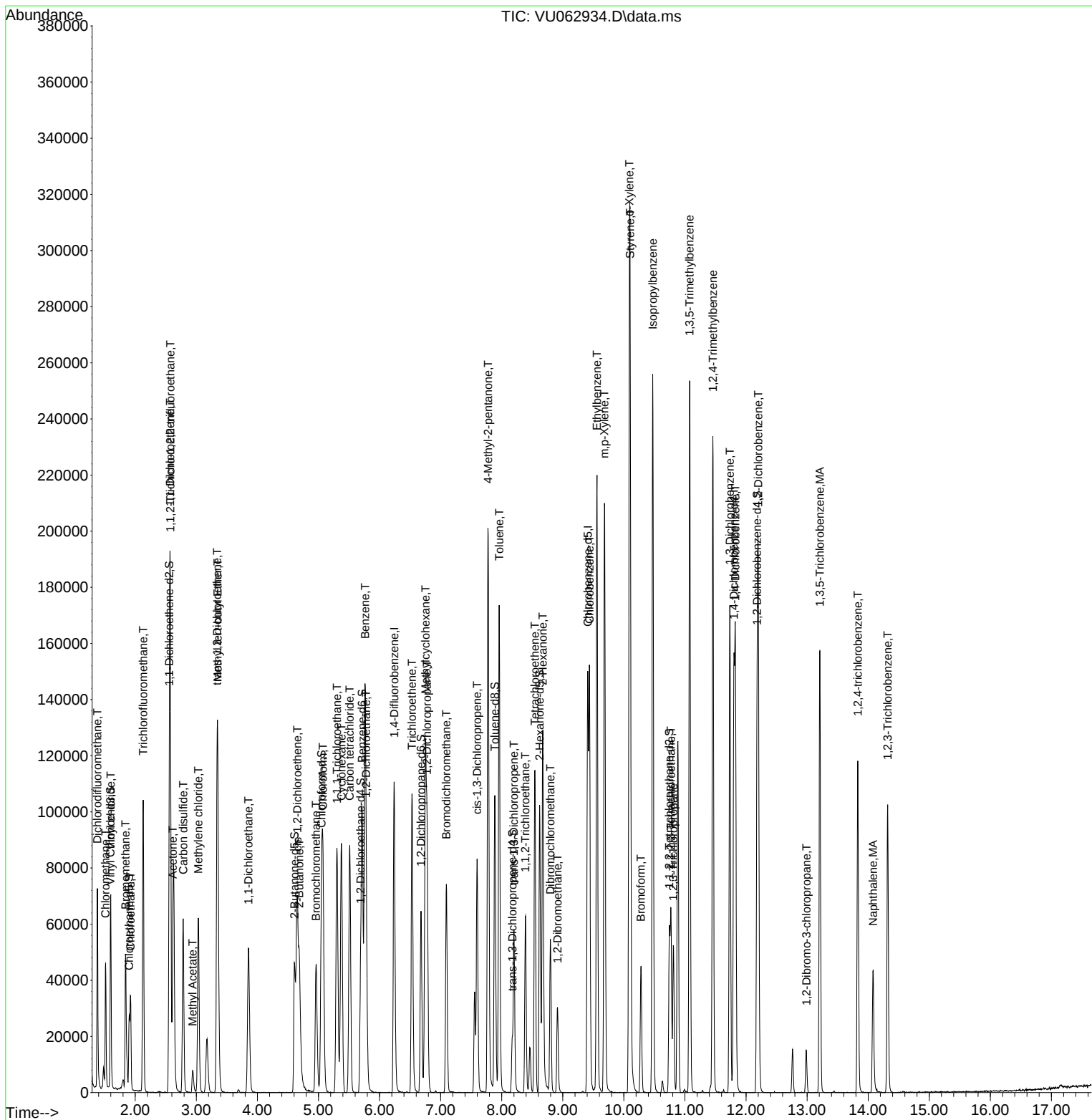
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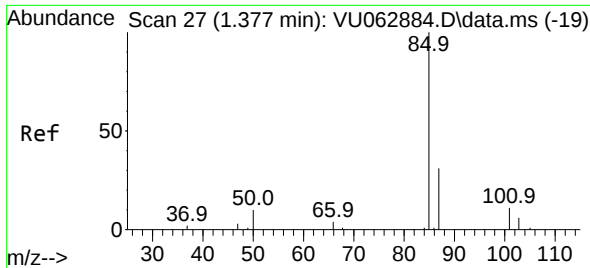
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	46394	5.397	ug/L	97
29) 1,1,1-Trichloroethane	5.303	97	67375	5.755	ug/L	99
30) Cyclohexane	5.377	56	41804	5.468	ug/L	97
31) Carbon tetrachloride	5.512	117	62578	5.816	ug/L	97
33) Benzene	5.763	78	125635	5.665	ug/L	100
34) Trichloroethene	6.531	95	37628	4.967	ug/L	98
35) Methylcyclohexane	6.753	83	48638	5.218	ug/L	99
37) 1,2-Dichloropropane	6.779	63	30520	5.834	ug/L #	97
38) Bromodichloromethane	7.094	83	49263	5.855	ug/L	95
39) cis-1,3-Dichloropropene	7.595	75	49574	5.566	ug/L	100
40) 4-Methyl-2-pentanone	7.775	43	113668	46.514	ug/L	98
42) Toluene	7.959	91	124219	5.112	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	33896	4.414	ug/L	98
45) 1,1,2-Trichloroethane	8.386	97	18889	4.446	ug/L	93
47) Tetrachloroethene	8.544	164	25857	4.956	ug/L	95
48) 2-Hexanone	8.673	43	66670	37.948	ug/L #	94
49) Dibromochloromethane	8.798	129	27971	4.903	ug/L	96
50) 1,2-Dibromoethane	8.914	107	19651	4.834	ug/L	99
51) Chlorobenzene	9.438	112	78983	4.970	ug/L	98
52) Ethylbenzene	9.560	91	152687	5.537	ug/L	98
53) m,p-Xylene	9.682	106	59517	5.771	ug/L	98
54) o-Xylene	10.090	106	55574	5.626	ug/L	94
55) Styrene	10.103	104	96396	5.834	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	28307	5.939	ug/L #	98
59) Bromoform	10.280	173	20221	5.794	ug/L	100
60) Isopropylbenzene	10.473	105	163755	5.939	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	21310	6.004	ug/L	99
62) 1,3,5-Trimethylbenzene	11.078	105	141802	6.050	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	133661	5.896	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	70867	5.544	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	62579	4.855	ug/L	99
67) 1,2-Dichlorobenzene	12.200	146	64746	5.404	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	4843	5.268	ug/L	94
69) 1,3,5-Trichlorobenzene	13.209	180	51467	5.346	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	37464	4.832	ug/L	99
71) Naphthalene	14.081	128	41904	3.693	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	32651	4.831	ug/L	95

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

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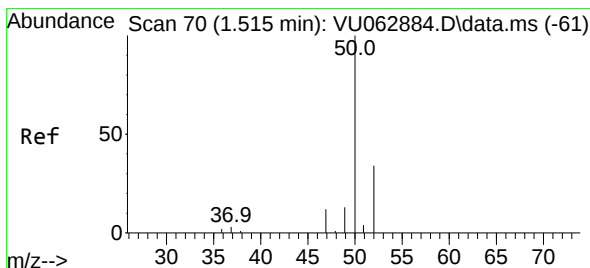
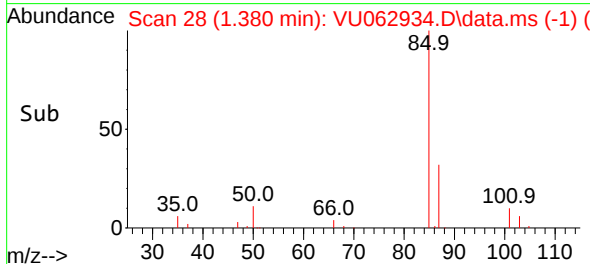
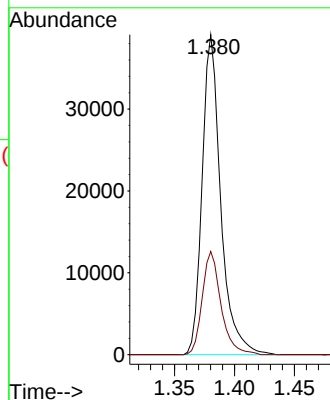
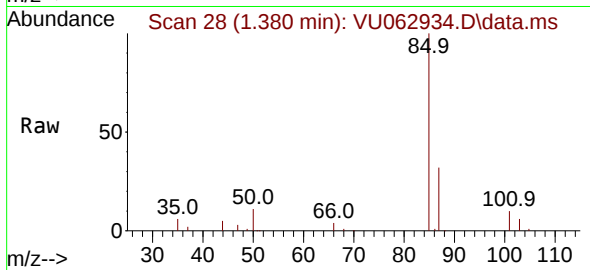




#2
Dichlorodifluoromethane
Concen: 4.932 ug/L
RT: 1.380 min Scan# 27
Delta R.T. 0.000 min
Lab File: VU062934.D
Acq: 21 Jan 2025 09:38

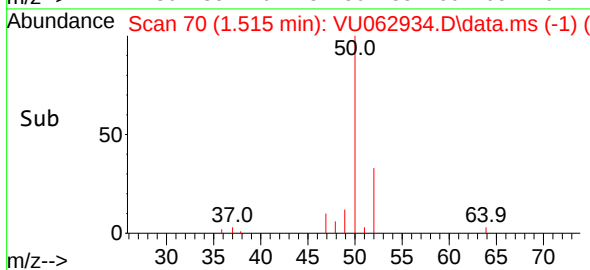
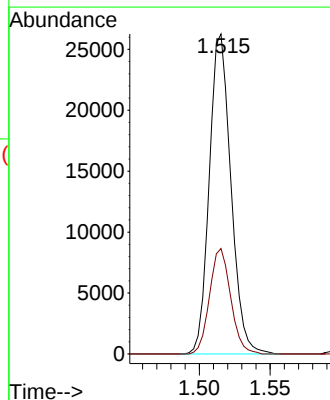
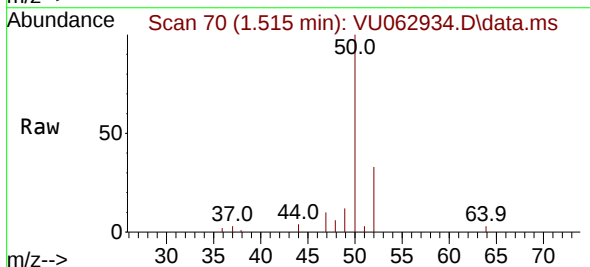
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MSVOA_U
ClientSampleId :

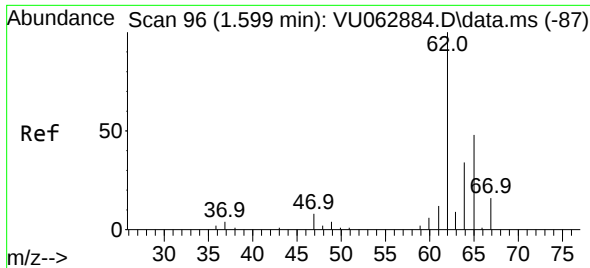
Tgt Ion: 85 Resp: 42212
Ion Ratio Lower Upper
85 100
87 32.5 26.1 39.1



#3
Chloromethane
Concen: 4.849 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU062934.D
Acq: 21 Jan 2025 09:38

Tgt Ion: 50 Resp: 27851
Ion Ratio Lower Upper
50 100
52 33.0 24.1 44.7

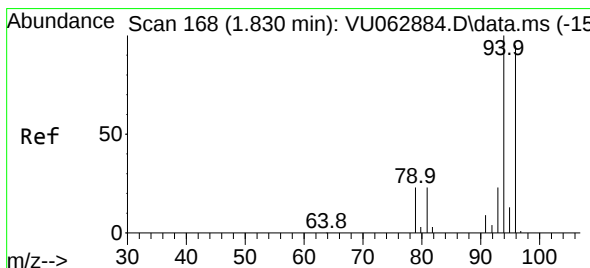
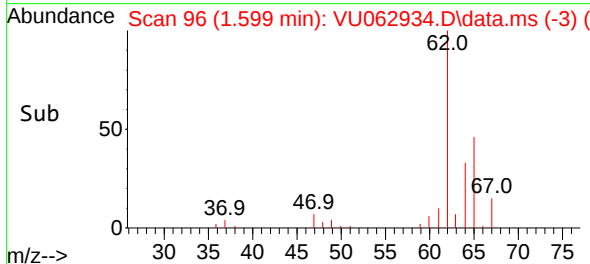
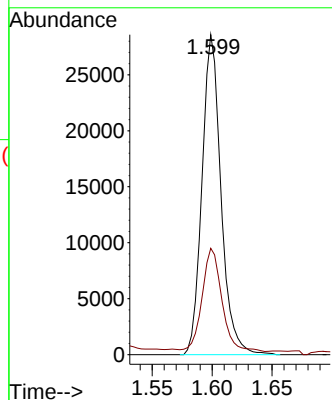
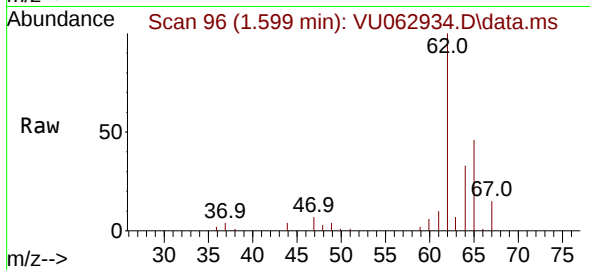




#5
 Vinyl chloride
 Concen: 4.880 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU062934.D
 Acq: 21 Jan 2025 09:38

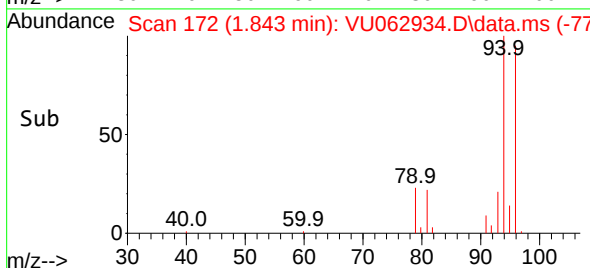
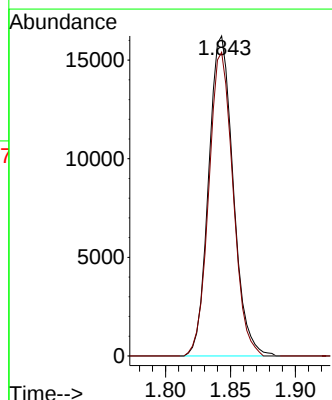
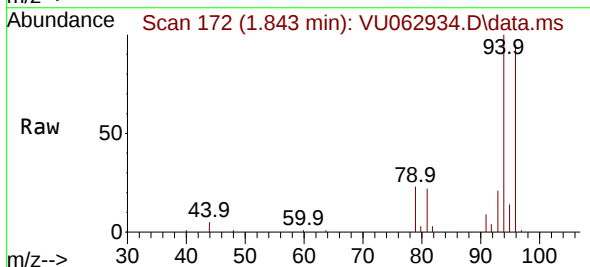
Instrument :
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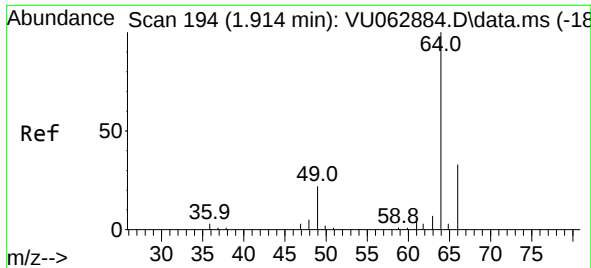
Tgt Ion: 62 Resp: 31559
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.4 43.4



#6
 Bromomethane
 Concen: 4.537 ug/L
 RT: 1.843 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VU062934.D
 Acq: 21 Jan 2025 09:38

Tgt Ion: 94 Resp: 21349
 Ion Ratio Lower Upper
 94 100
 96 94.9 62.9 116.7

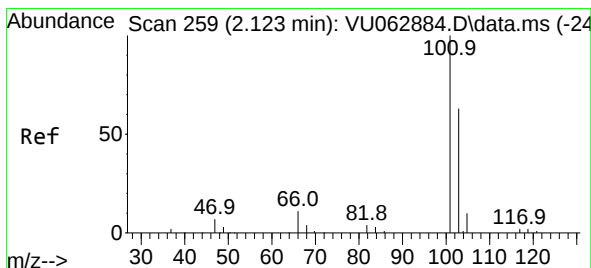
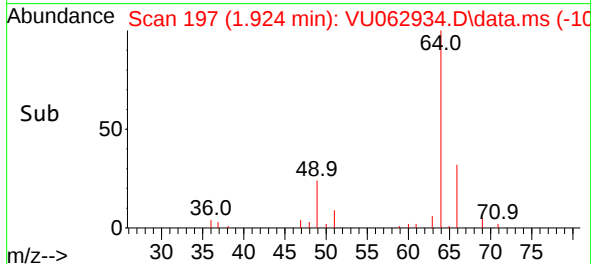
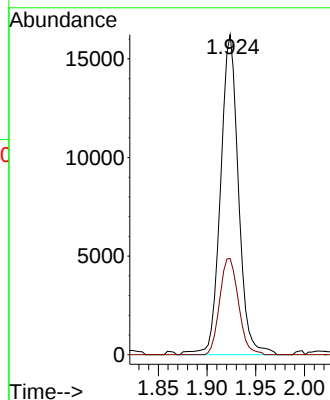
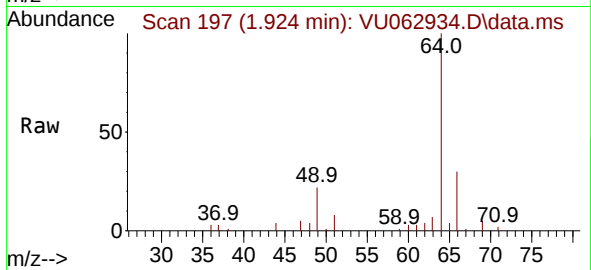




#8
Chloroethane
Concen: 5.343 ug/L
RT: 1.924 min Scan# 194
Delta R.T. 0.006 min
Lab File: VU062934.D
Acq: 21 Jan 2025 09:38

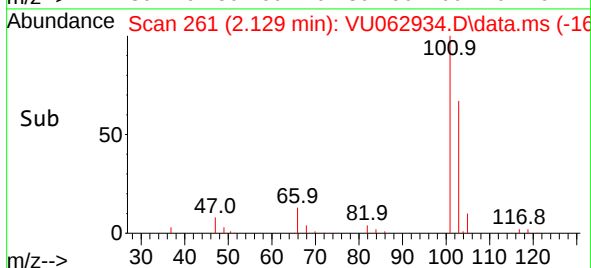
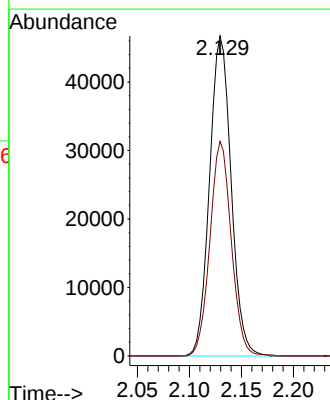
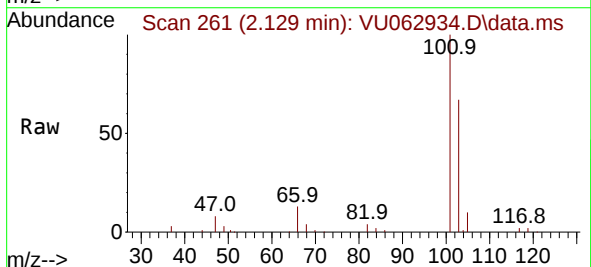
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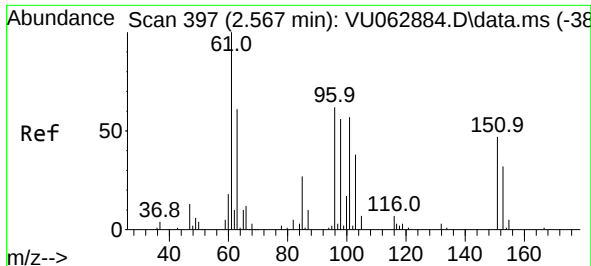
Tgt Ion: 64 Resp: 20761
Ion Ratio Lower Upper
64 100
66 30.1 21.6 40.2



#9
Trichlorofluoromethane
Concen: 5.171 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.003 min
Lab File: VU062934.D
Acq: 21 Jan 2025 09:38

Tgt Ion:101 Resp: 67457
Ion Ratio Lower Upper
101 100
103 66.1 51.4 77.0

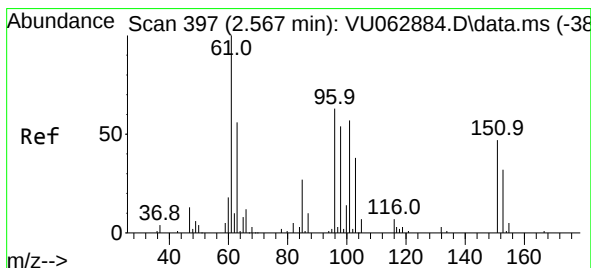
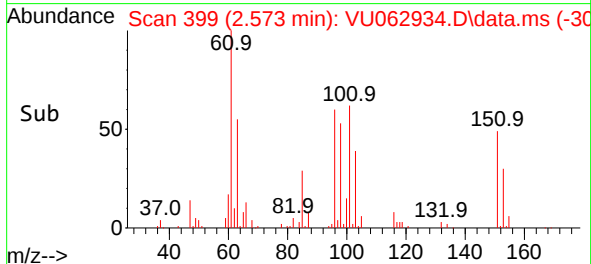
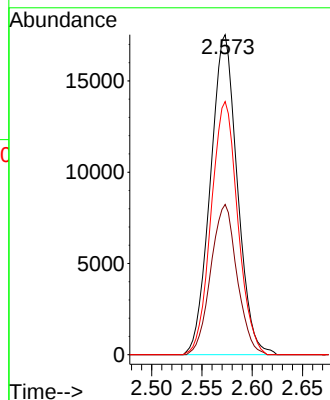
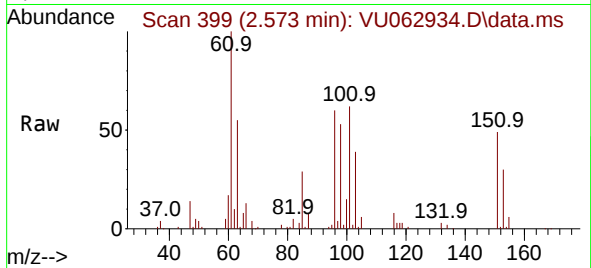




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.186 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.003 min
Lab File: VU062934.D
Acq: 21 Jan 2025 09:38

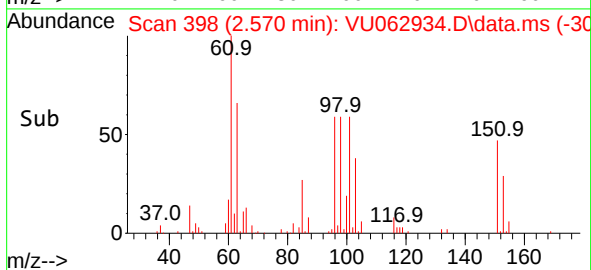
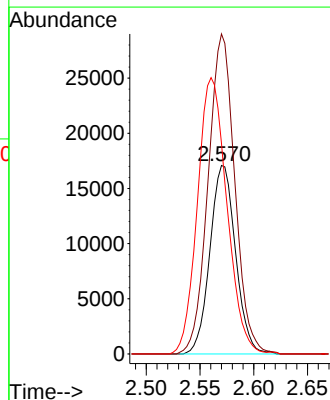
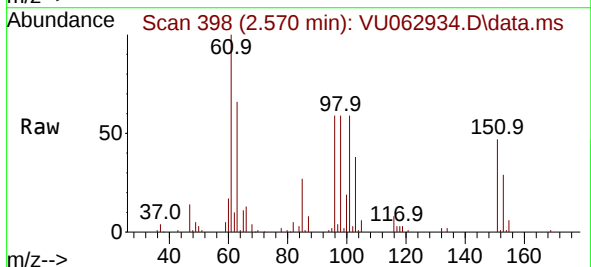
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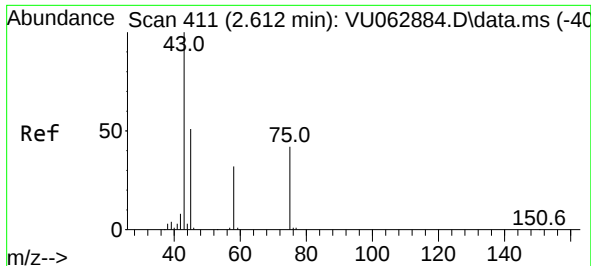
Tgt Ion:101 Resp: 32686
Ion Ratio Lower Upper
101 100
85 45.6 37.0 55.6
151 78.0 64.4 96.6



#12
1,1-Dichloroethene
Concen: 5.076 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU062934.D
Acq: 21 Jan 2025 09:38

Tgt Ion: 96 Resp: 28309
Ion Ratio Lower Upper
96 100
61 169.8 120.4 223.6
63 111.7 82.3 152.9





#13

Acetone

Concen: 47.796 ug/L

RT: 2.615 min Scan# 411

Delta R.T. 0.003 min

Lab File: VU062934.D

Acq: 21 Jan 2025 09:38

Instrument :

MSVOA_U

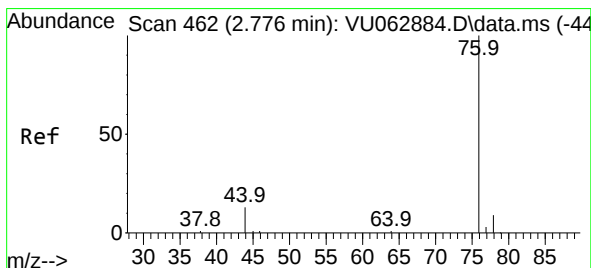
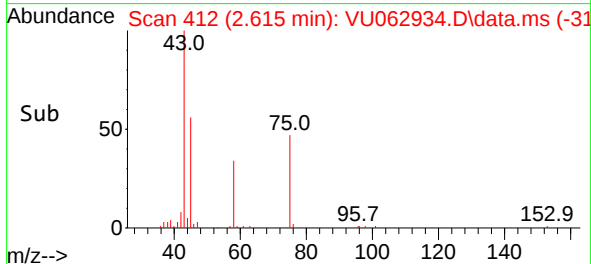
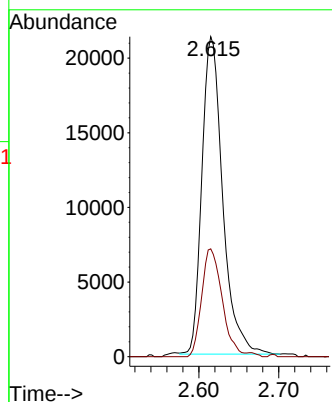
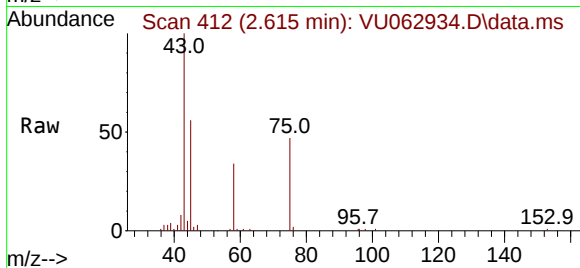
ClientSampleId :

Tgt Ion: 43 Resp: 38504

Ion Ratio Lower Upper

43 100

58 33.4 0.0 64.4



#14

Carbon disulfide

Concen: 4.628 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.003 min

Lab File: VU062934.D

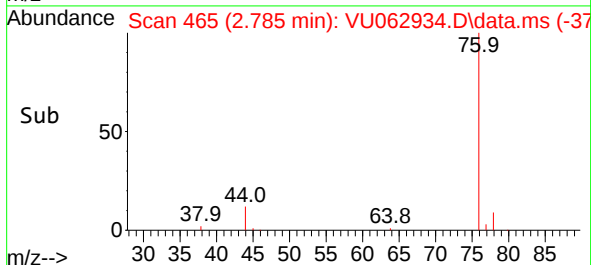
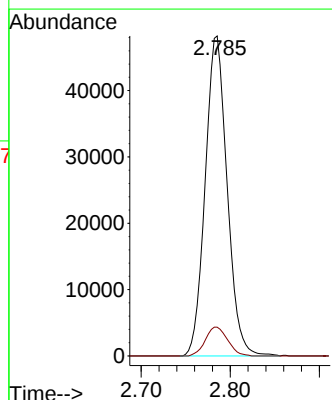
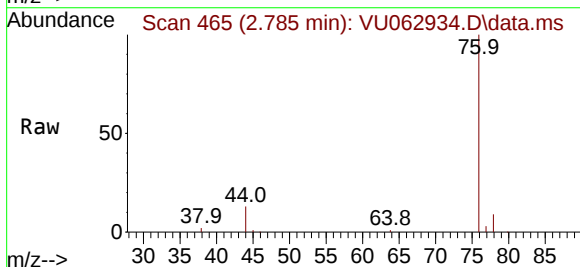
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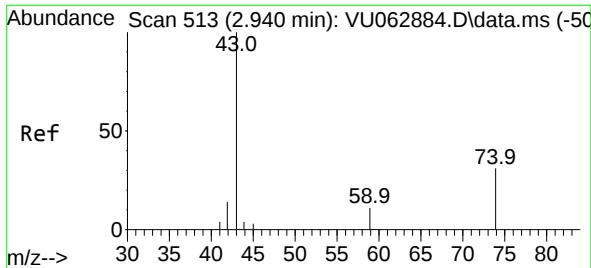
Tgt Ion: 76 Resp: 82437

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6

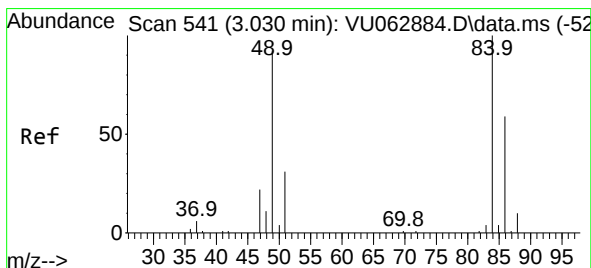
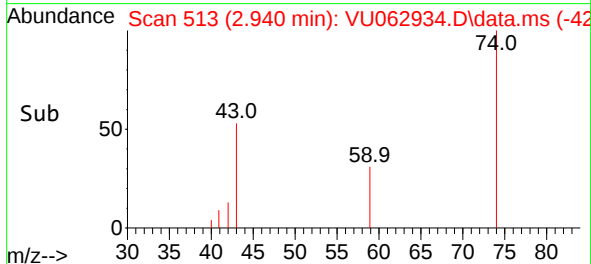
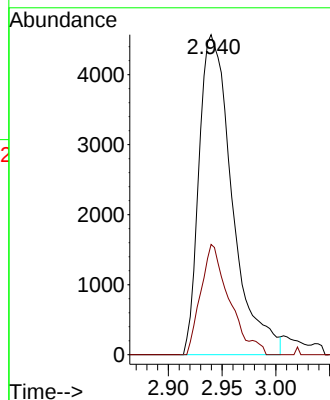
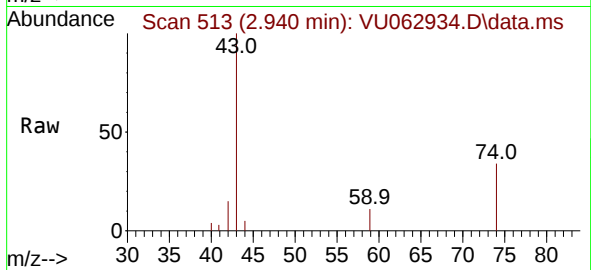




#15
Methyl Acetate
Concen: 5.619 ug/L
RT: 2.940 min Scan# 513
Delta R.T. 0.000 min
Lab File: VU062934.D
Acq: 21 Jan 2025 09:38

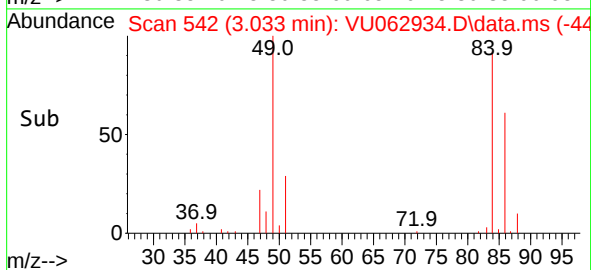
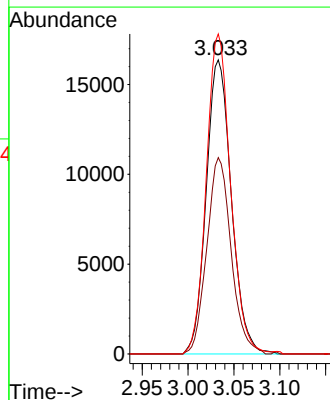
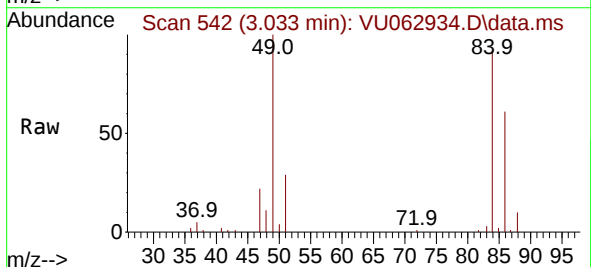
Instrument :
MSVOA_U
ClientSampleId :

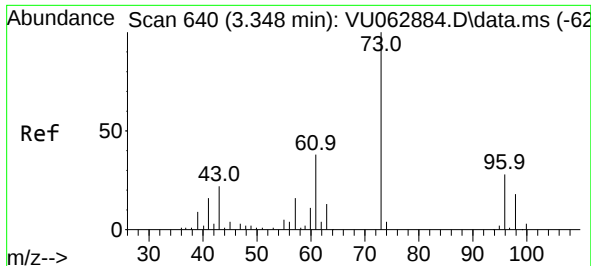
Tgt Ion: 43 Resp: 9801
Ion Ratio Lower Upper
43 100
74 29.8 24.4 36.6



#16
Methylene chloride
Concen: 5.118 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.003 min
Lab File: VU062934.D
Acq: 21 Jan 2025 09:38

Tgt Ion: 84 Resp: 31267
Ion Ratio Lower Upper
84 100
86 66.8 44.7 83.1
49 108.8 68.3 126.9

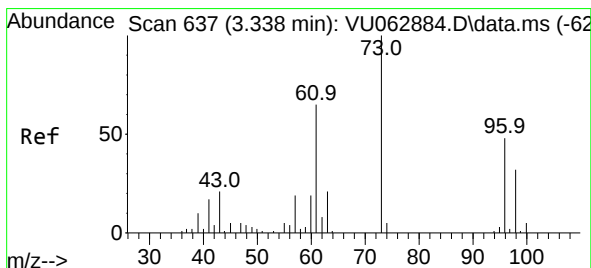
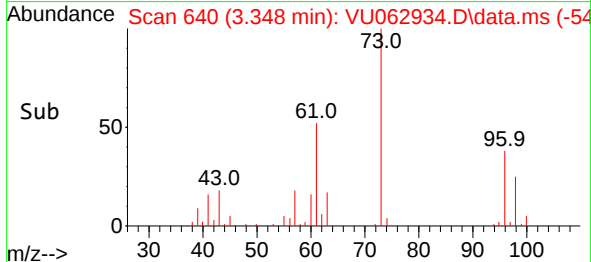
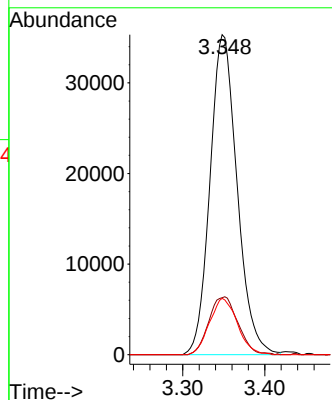
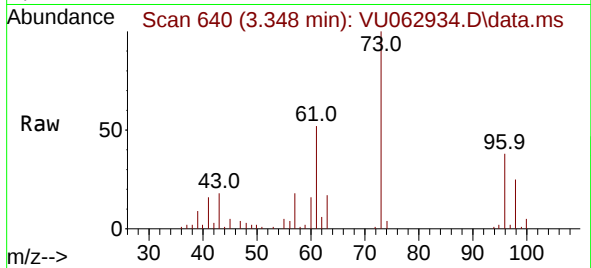




#17
Methyl tert-butyl Ether
Concen: 5.295 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU062934.D
Acq: 21 Jan 2025 09:38

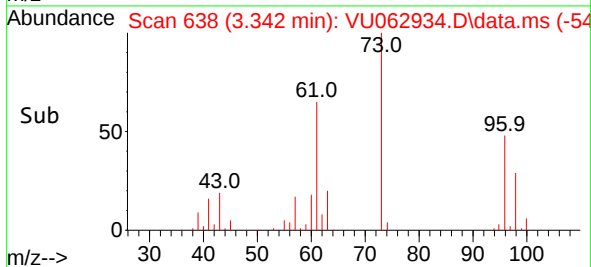
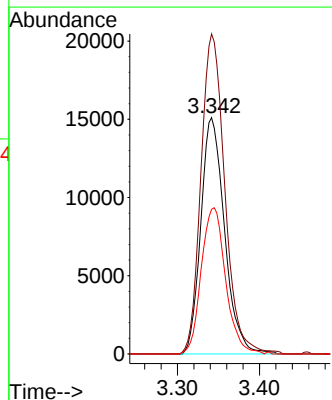
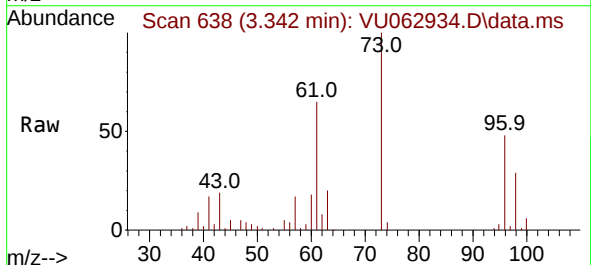
Instrument :
MSVOA_U
ClientSampleId :

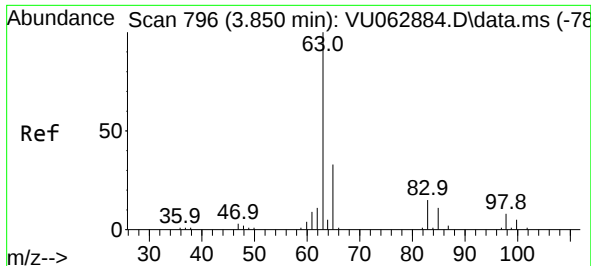
Tgt Ion: 73	Resp: 81161
Ion Ratio	Lower Upper
73	100
43	19.5 16.2 24.4
57	18.1 14.6 22.0



#18
trans-1,2-Dichloroethene
Concen: 5.090 ug/L
RT: 3.342 min Scan# 638
Delta R.T. 0.000 min
Lab File: VU062934.D
Acq: 21 Jan 2025 09:38

Tgt Ion: 96	Resp: 30412
Ion Ratio	Lower Upper
96	100
61	135.4 94.4 175.2
98	61.2 42.8 79.4

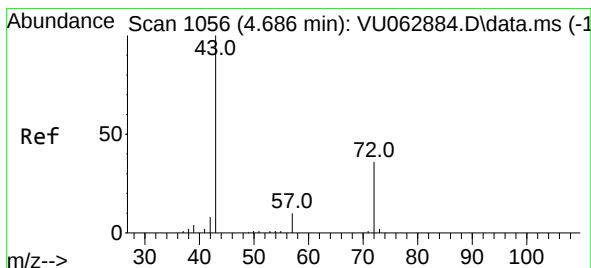
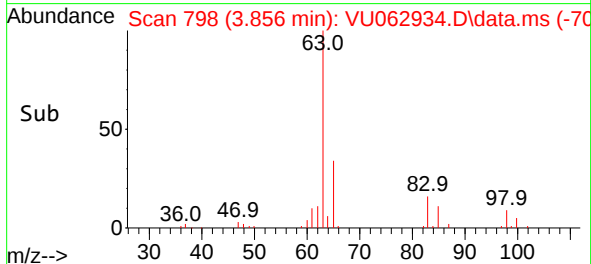
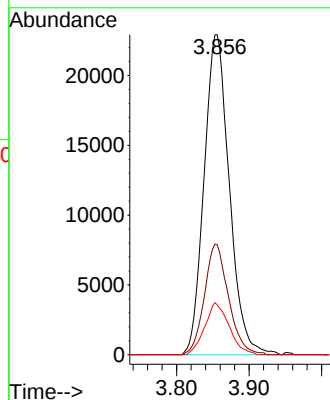
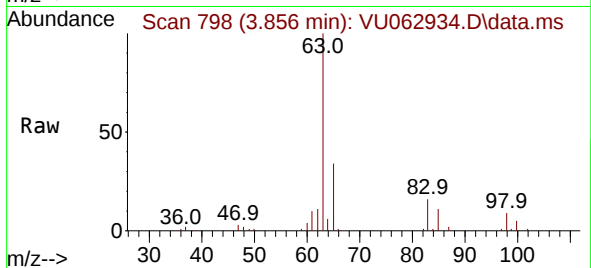




#19
1,1-Dichloroethane
Concen: 5.195 ug/L
RT: 3.856 min Scan# 796
Delta R.T. 0.003 min
Lab File: VU062934.D
Acq: 21 Jan 2025 09:38

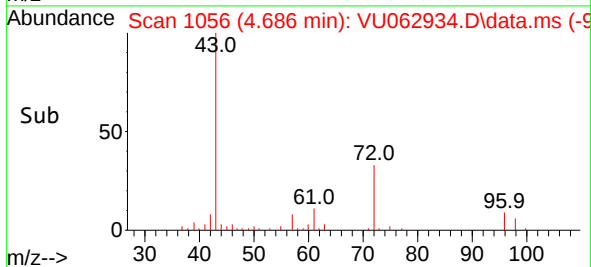
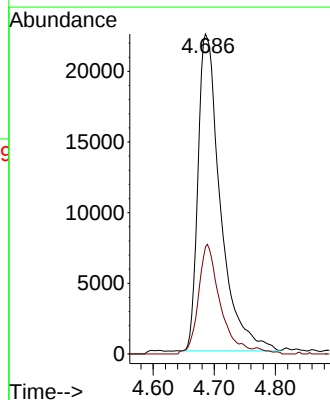
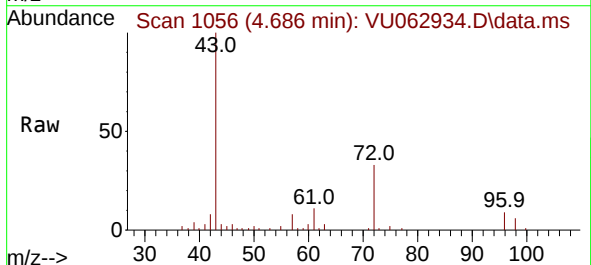
Instrument :
MSVOA_U
ClientSampleId :

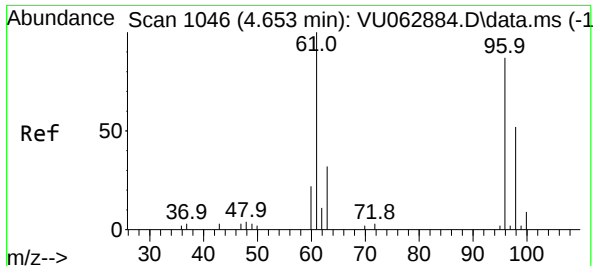
Tgt Ion: 63 Resp: 55499
Ion Ratio Lower Upper
63 100
65 34.4 20.7 38.5
83 15.6 10.5 19.5



#21
2-Butanone
Concen: 53.278 ug/L
RT: 4.686 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VU062934.D
Acq: 21 Jan 2025 09:38

Tgt Ion: 43 Resp: 57161
Ion Ratio Lower Upper
43 100
72 33.2 17.1 51.2

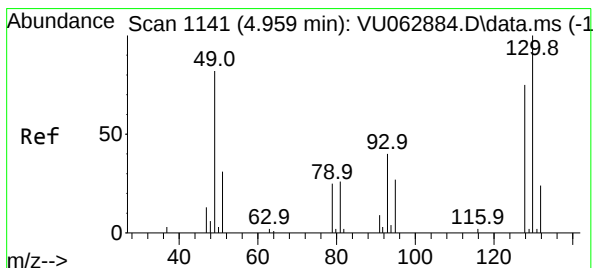
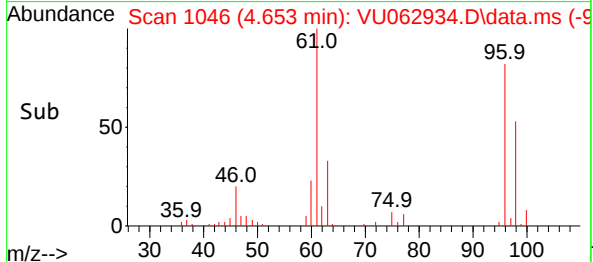
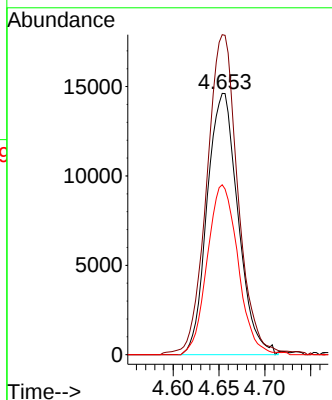
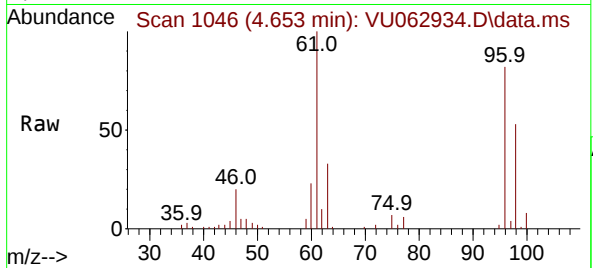




#22
 cis-1,2-Dichloroethene
 Concen: 5.256 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. 0.000 min
 Lab File: VU062934.D
 Acq: 21 Jan 2025 09:38

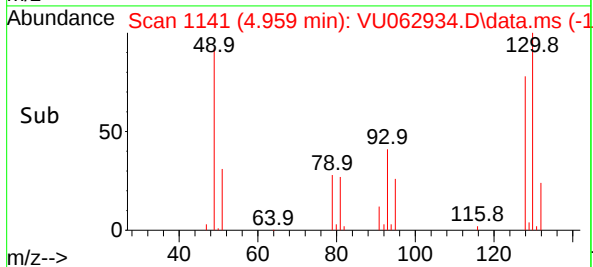
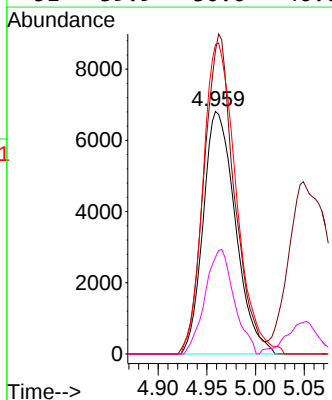
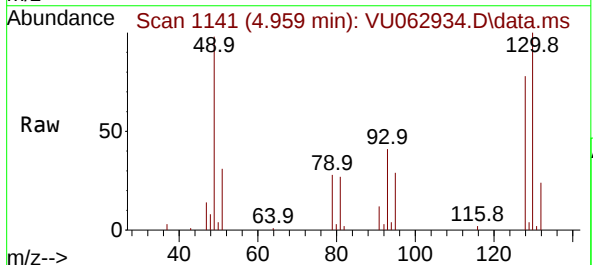
Instrument :
 MSVOA_U
 ClientSampleId :

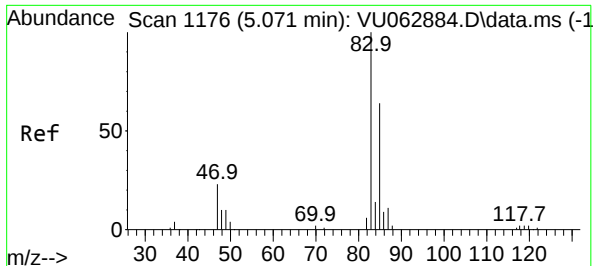
Tgt Ion: 96 Resp: 34201
 Ion Ratio Lower Upper
 96 100
 61 122.5 84.8 157.6
 98 65.0 43.1 80.1



#23
 Bromochloromethane
 Concen: 5.089 ug/L
 RT: 4.959 min Scan# 1141
 Delta R.T. 0.000 min
 Lab File: VU062934.D
 Acq: 21 Jan 2025 09:38

Tgt Ion:128 Resp: 15633
 Ion Ratio Lower Upper
 128 100
 49 125.1 81.1 150.7
 130 127.6 94.9 176.3
 51 39.9 30.6 46.0





#25

Chloroform

Concen: 5.175 ug/L

RT: 5.075 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU062934.D

Acq: 21 Jan 2025 09:38

Instrument :

MSVOA_U

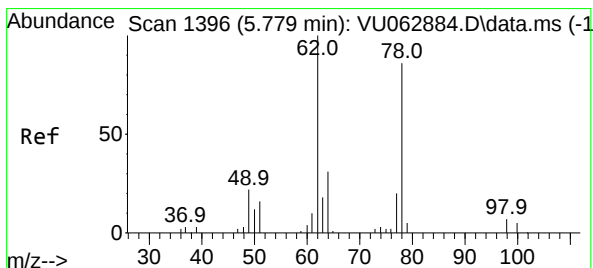
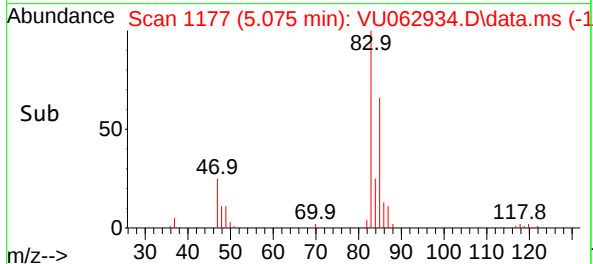
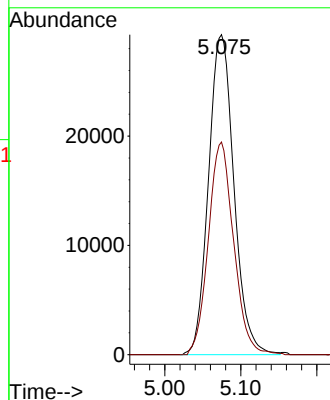
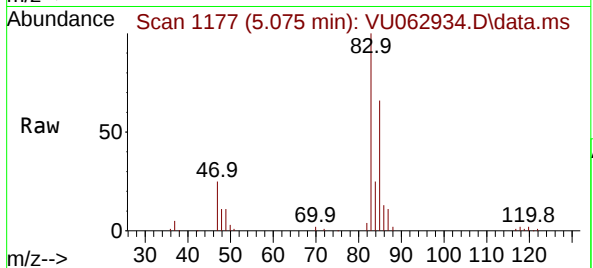
ClientSampleId :

Tgt Ion: 83 Resp: 68039

Ion Ratio Lower Upper

83 100

85 66.4 45.8 85.2



#27

1,2-Dichloroethane

Concen: 5.397 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VU062934.D

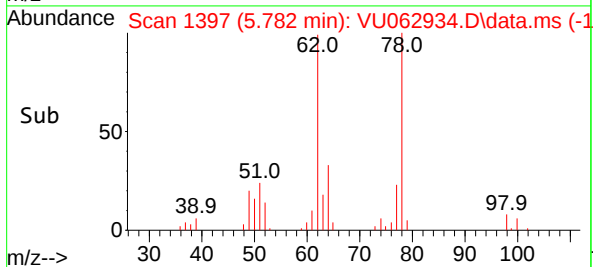
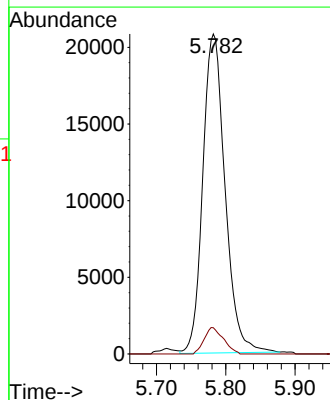
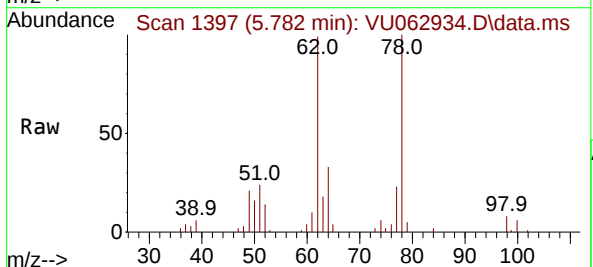
Acq: 21 Jan 2025 09:38

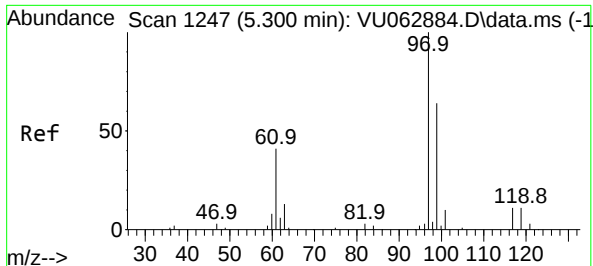
Tgt Ion: 62 Resp: 46394

Ion Ratio Lower Upper

62 100

98 8.2 5.8 8.6

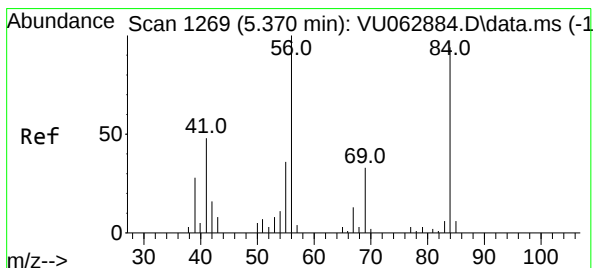
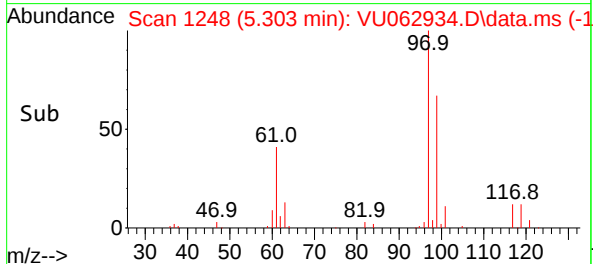
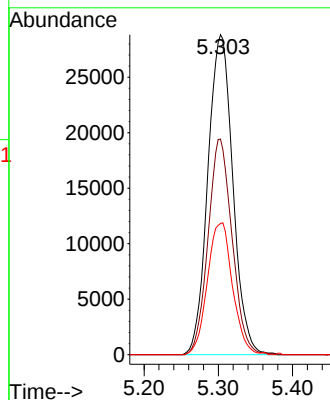
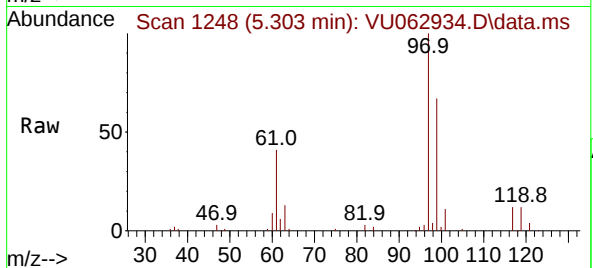




#29
1,1,1-Trichloroethane
Concen: 5.755 ug/L
RT: 5.303 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU062934.D
Acq: 21 Jan 2025 09:38

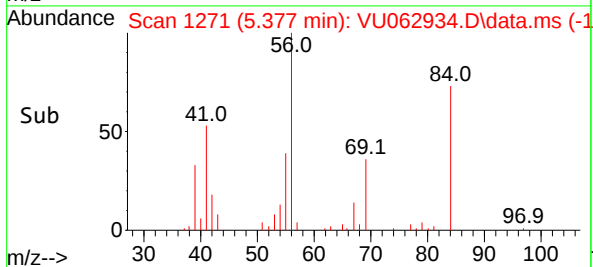
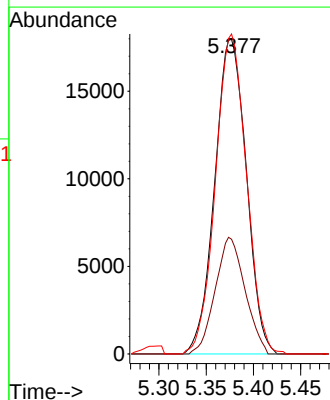
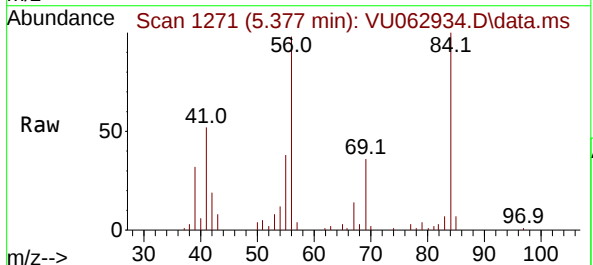
Instrument :
MSVOA_U
ClientSampleId :

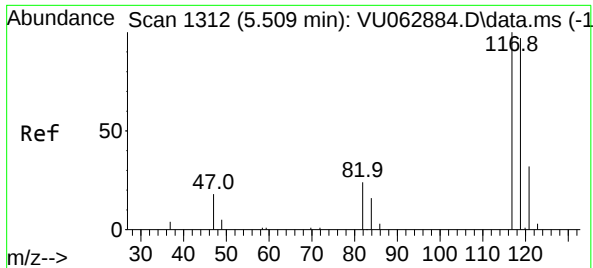
Tgt Ion: 97 Resp: 67375
Ion Ratio Lower Upper
97 100
99 64.8 52.4 78.6
61 41.3 32.2 48.4



#30
Cyclohexane
Concen: 5.468 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU062934.D
Acq: 21 Jan 2025 09:38

Tgt Ion: 56 Resp: 41804
Ion Ratio Lower Upper
56 100
69 34.9 28.3 42.5
84 99.5 76.5 114.7

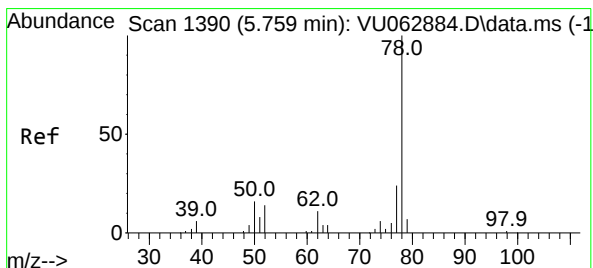
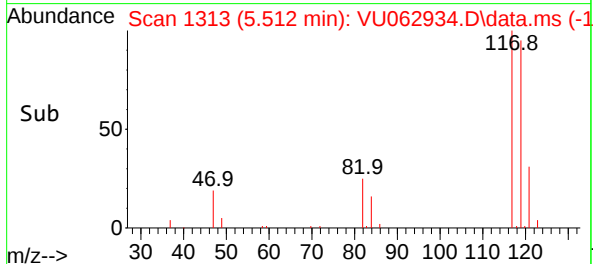
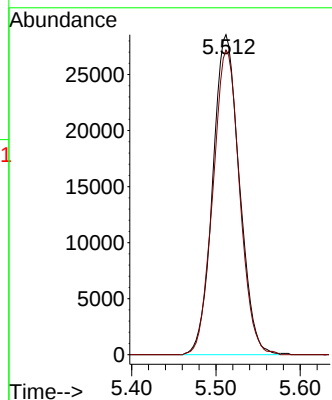
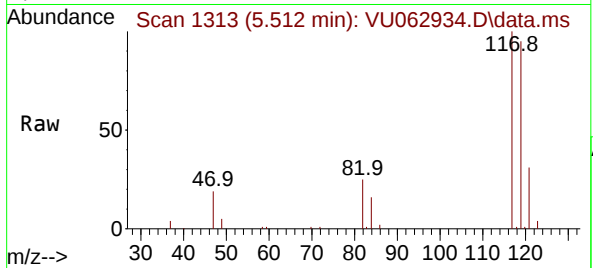




#31
Carbon tetrachloride
Concen: 5.816 ug/L
RT: 5.512 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU062934.D
Acq: 21 Jan 2025 09:38

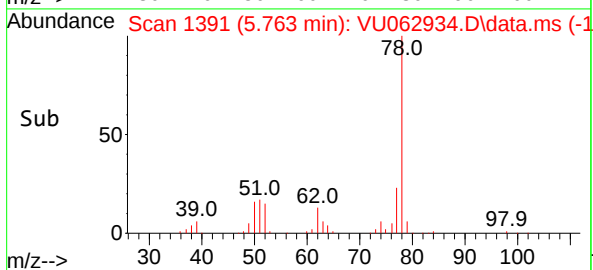
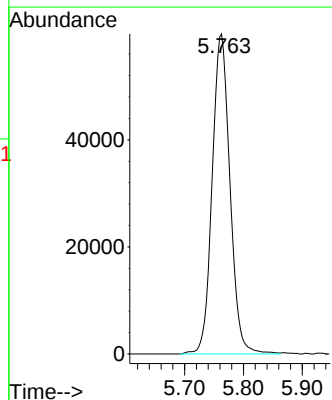
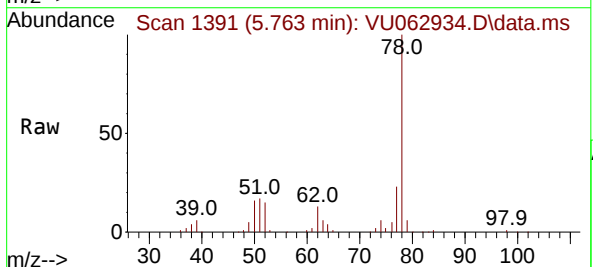
Instrument :
MSVOA_U
ClientSampleId :

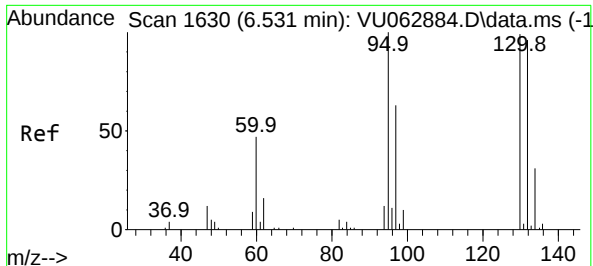
Tgt Ion:117 Resp: 62578
Ion Ratio Lower Upper
117 100
119 95.4 78.6 118.0



#33
Benzene
Concen: 5.665 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU062934.D
Acq: 21 Jan 2025 09:38

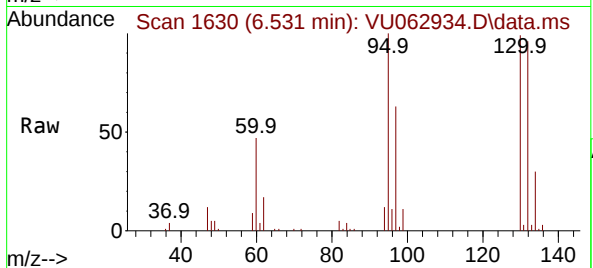
Tgt Ion: 78 Resp: 125635





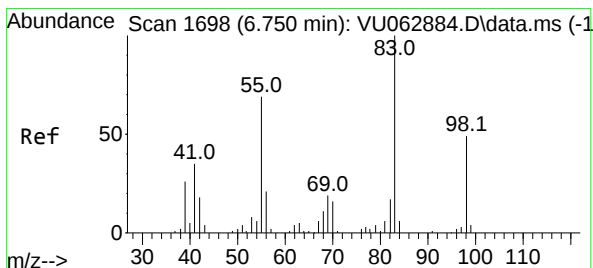
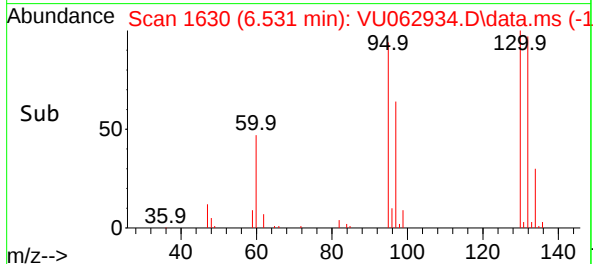
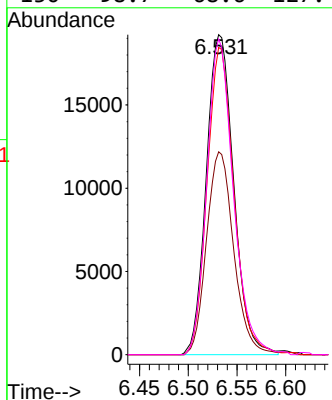
#34
Trichloroethene
Concen: 4.967 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VU062934.D
Acq: 21 Jan 2025 09:38

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 37628

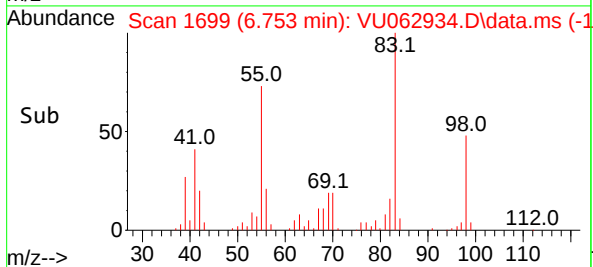
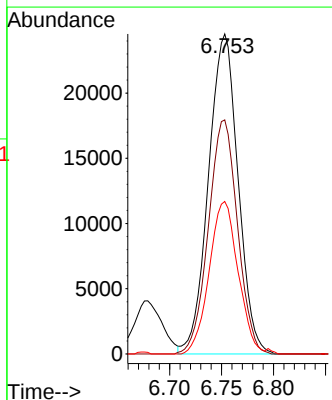
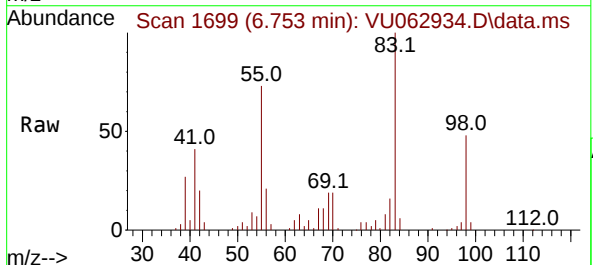
Ion	Ratio	Lower	Upper
95	100		
97	63.4	47.5	88.3
132	96.0	66.9	124.3
130	98.7	68.6	127.4

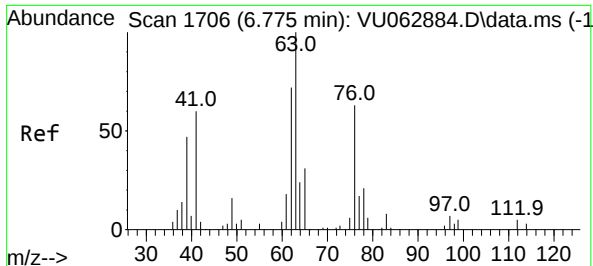


#35
Methylcyclohexane
Concen: 5.218 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.003 min
Lab File: VU062934.D
Acq: 21 Jan 2025 09:38

Tgt Ion: 83 Resp: 48638

Ion	Ratio	Lower	Upper
83	100		
55	72.0	57.2	85.8
98	46.5	36.6	55.0





#37

1,2-Dichloropropane

Concen: 5.834 ug/L

RT: 6.779 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU062934.D

Acq: 21 Jan 2025 09:38

Instrument :

MSVOA_U

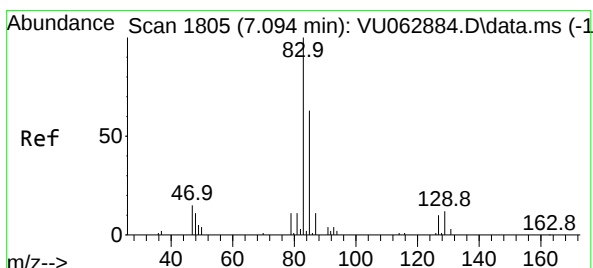
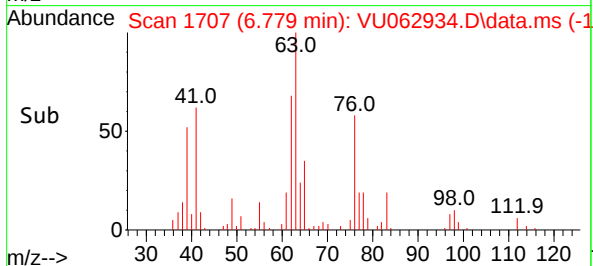
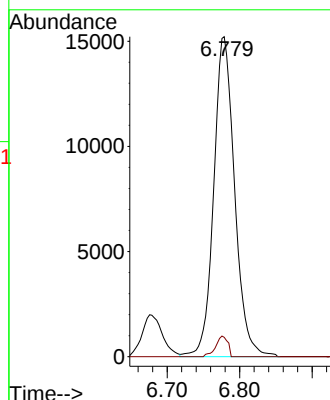
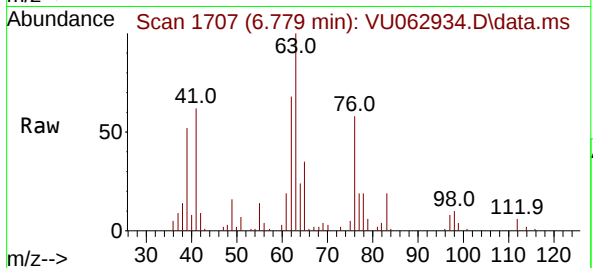
ClientSampleId :

Tgt Ion: 63 Resp: 30520

Ion Ratio Lower Upper

63 100

112 3.7 3.8 5.8#



#38

Bromodichloromethane

Concen: 5.855 ug/L

RT: 7.094 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VU062934.D

Acq: 21 Jan 2025 09:38

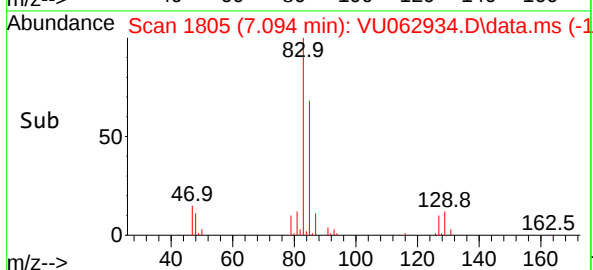
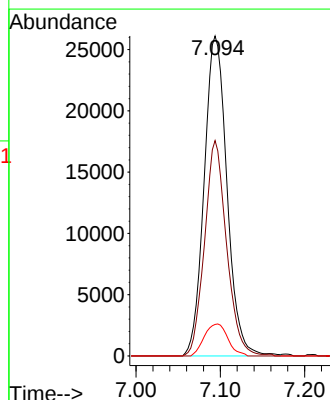
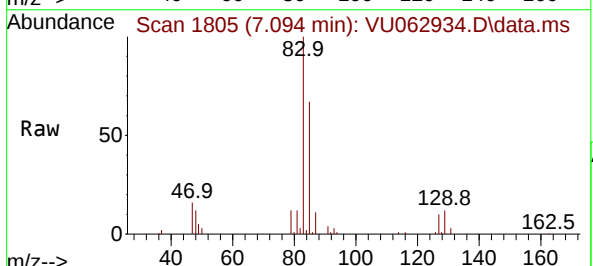
Tgt Ion: 83 Resp: 49263

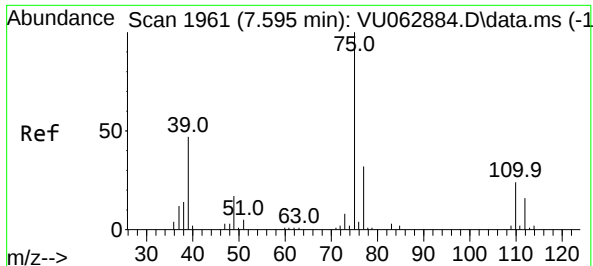
Ion Ratio Lower Upper

83 100

85 67.3 44.2 82.0

127 9.9 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 5.566 ug/L

RT: 7.595 min Scan# 1961

Delta R.T. -0.003 min

Lab File: VU062934.D

Acq: 21 Jan 2025 09:38

Instrument :

MSVOA_U

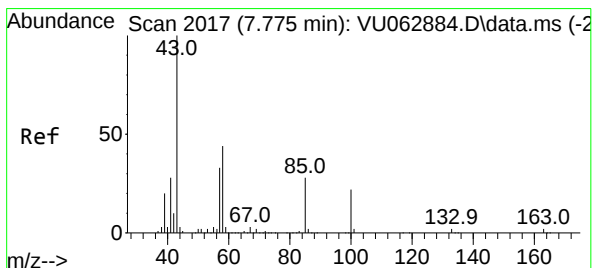
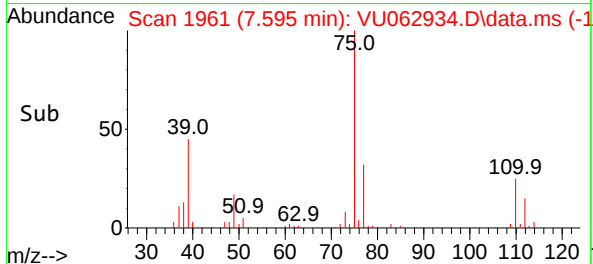
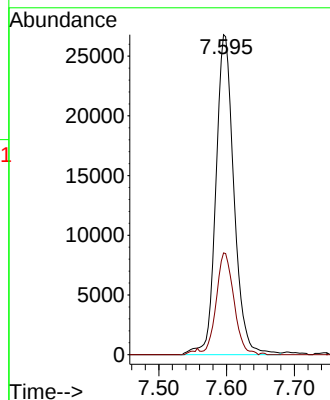
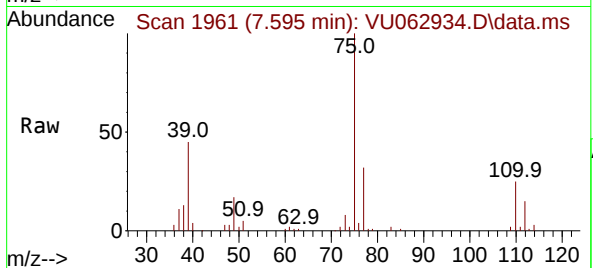
ClientSampleId :

Tgt Ion: 75 Resp: 49574

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 46.514 ug/L

RT: 7.775 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VU062934.D

Acq: 21 Jan 2025 09:38

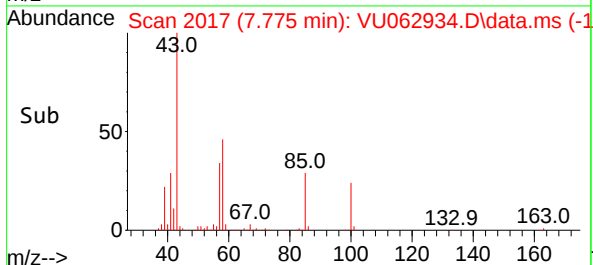
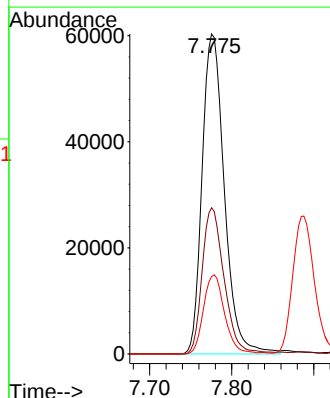
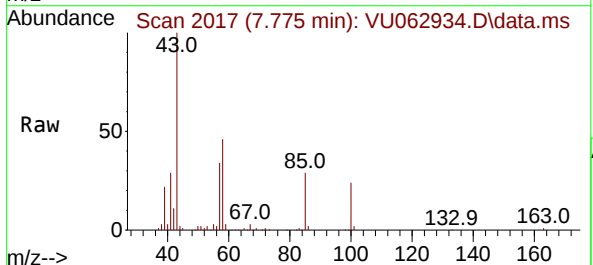
Tgt Ion: 43 Resp: 113668

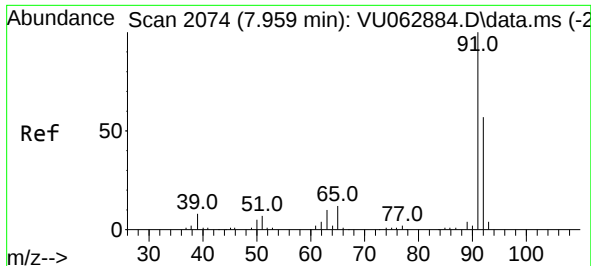
Ion Ratio Lower Upper

43 100

58 45.0 35.8 53.8

100 23.4 16.8 25.2





#42

Toluene

Concen: 5.112 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU062934.D

Acq: 21 Jan 2025 09:38

Instrument :

MSVOA_U

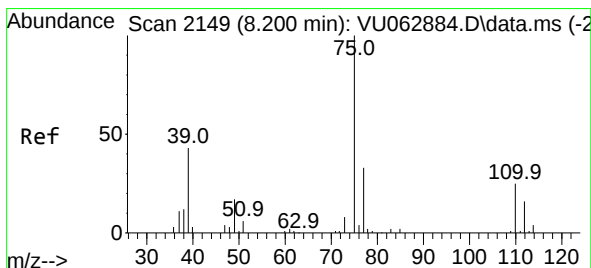
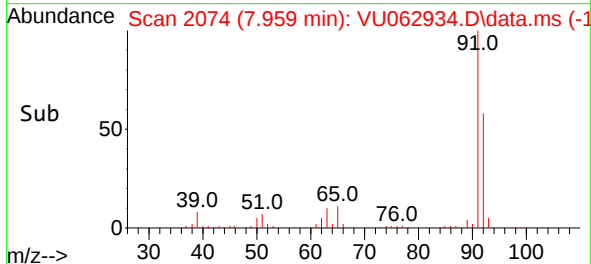
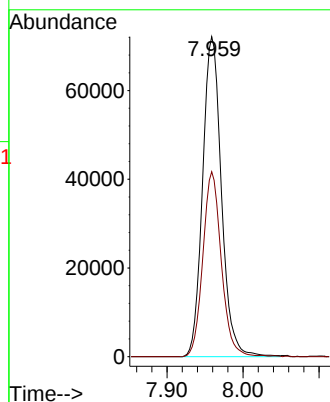
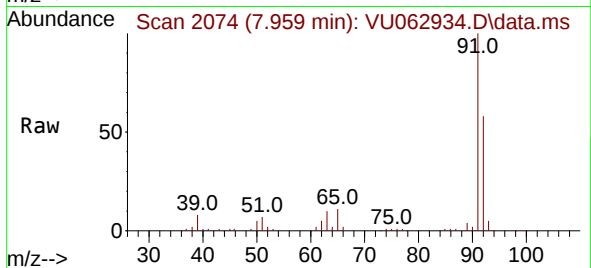
ClientSampleId :

Tgt Ion: 91 Resp: 124219

Ion Ratio Lower Upper

91 100

92 57.8 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.414 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. 0.000 min

Lab File: VU062934.D

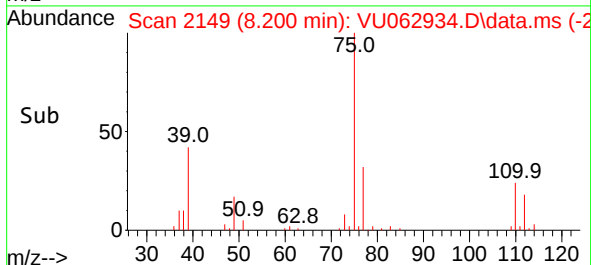
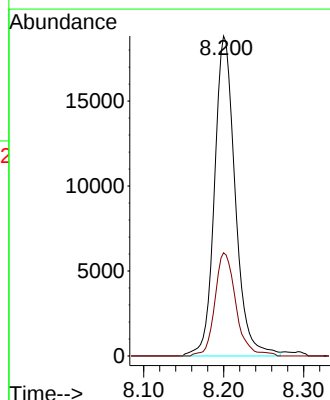
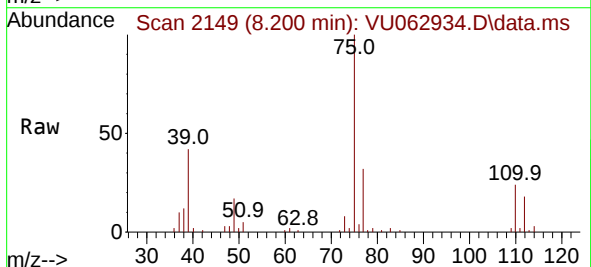
Acq: 21 Jan 2025 09:38

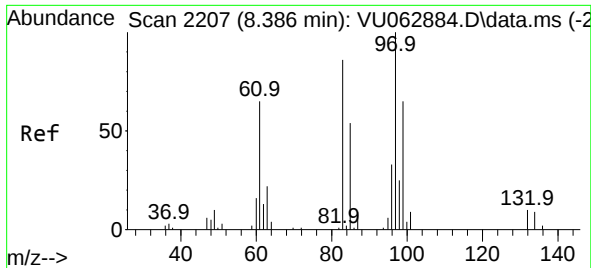
Tgt Ion: 75 Resp: 33896

Ion Ratio Lower Upper

75 100

77 32.2 21.8 40.6

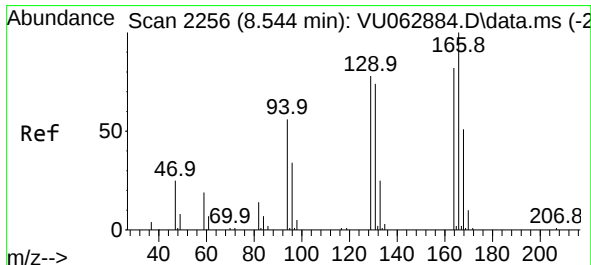
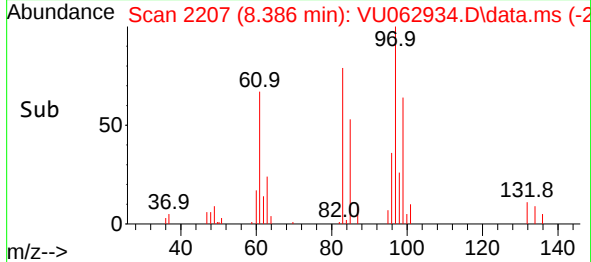
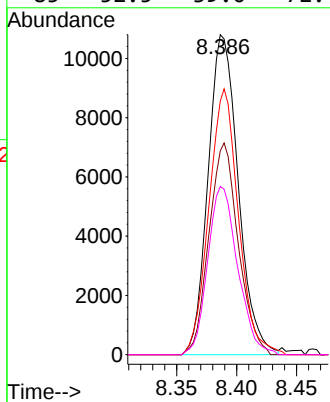
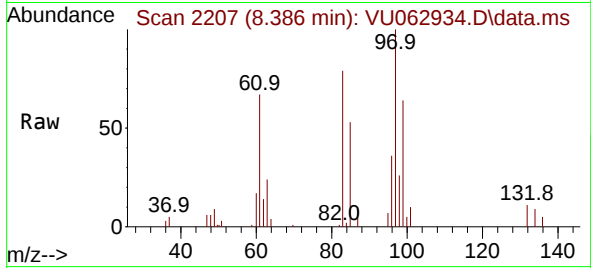




#45
 1,1,2-Trichloroethane
 Concen: 4.446 ug/L
 RT: 8.386 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU062934.D
 Acq: 21 Jan 2025 09:38

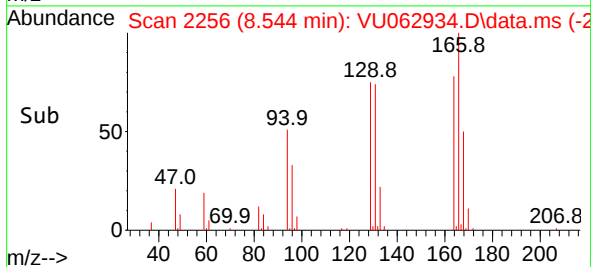
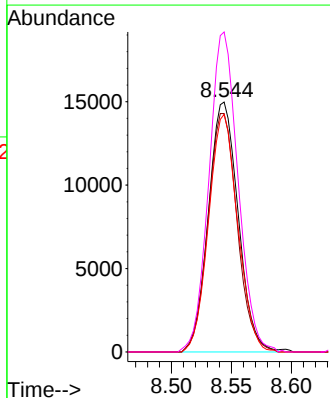
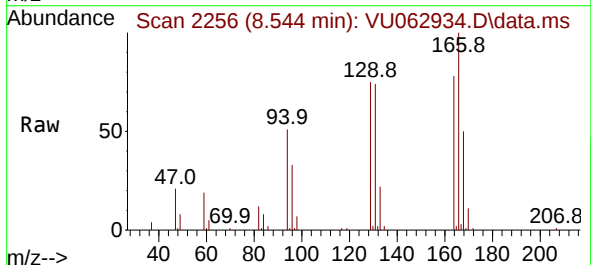
Instrument :
 MSVOA_U
 ClientSampleId :

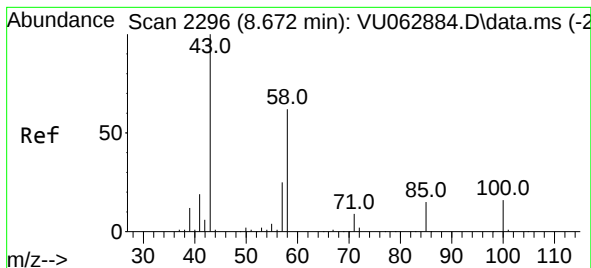
Tgt Ion: 97	Resp: 18889
Ion Ratio	Lower Upper
97 100	
99 63.7	45.6 84.6
83 79.2	63.0 117.0
85 52.5	39.0 72.4



#47
 Tetrachloroethene
 Concen: 4.956 ug/L
 RT: 8.544 min Scan# 2256
 Delta R.T. 0.000 min
 Lab File: VU062934.D
 Acq: 21 Jan 2025 09:38

Tgt	Ion:164	Resp:	25857
Ion	Ratio	Lower	Upper
164	100		
129	95.4	71.0	131.9
131	95.1	69.4	129.0
166	128.1	92.7	172.3





#48

2-Hexanone

Concen: 37.948 ug/L

RT: 8.673 min Scan# 2296

Delta R.T. 0.000 min

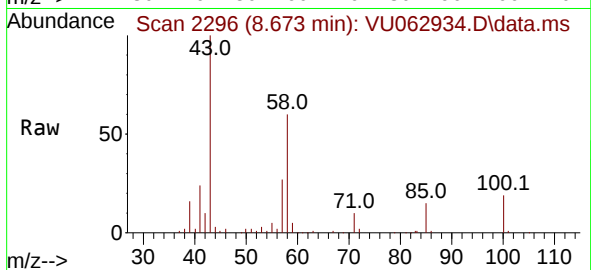
Lab File: VU062934.D

Acq: 21 Jan 2025 09:38

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 66670

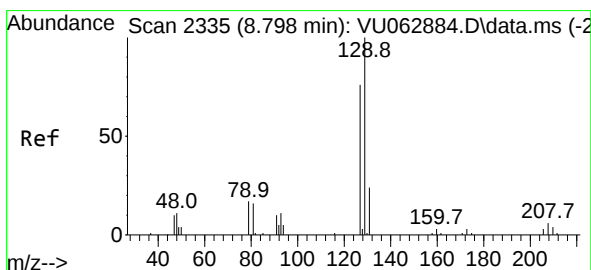
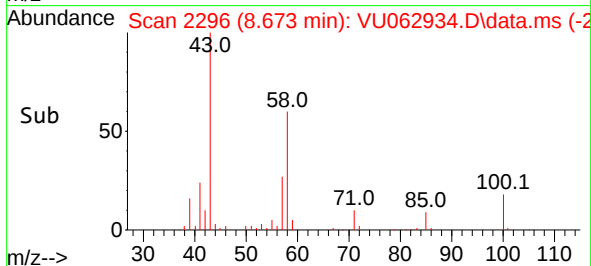
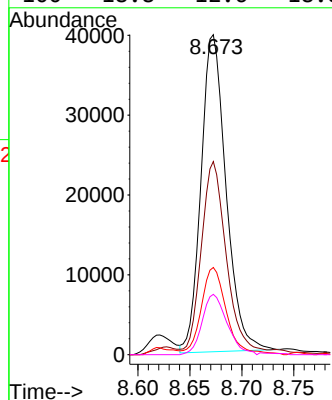
Ion Ratio Lower Upper

43 100

58 58.5 50.2 75.4

57 27.6 19.9 29.9

100 18.8 12.6 18.8#



#49

Dibromochloromethane

Concen: 4.903 ug/L

RT: 8.798 min Scan# 2335

Delta R.T. 0.000 min

Lab File: VU062934.D

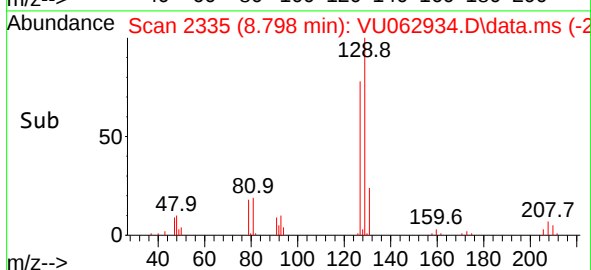
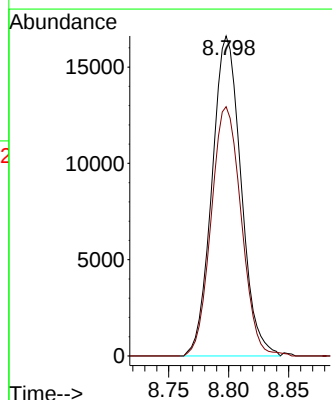
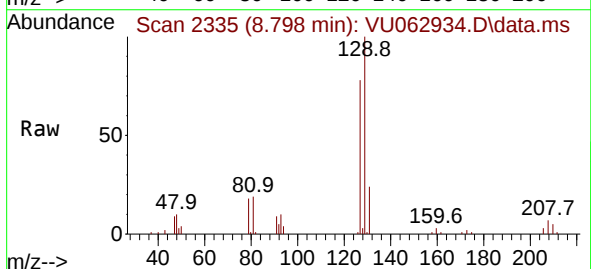
Acq: 21 Jan 2025 09:38

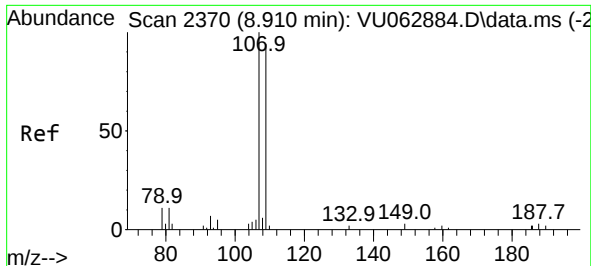
Tgt Ion: 129 Resp: 27971

Ion Ratio Lower Upper

129 100

127 77.9 52.1 96.9





#50

1,2-Dibromoethane

Concen: 4.834 ug/L

RT: 8.914 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU062934.D

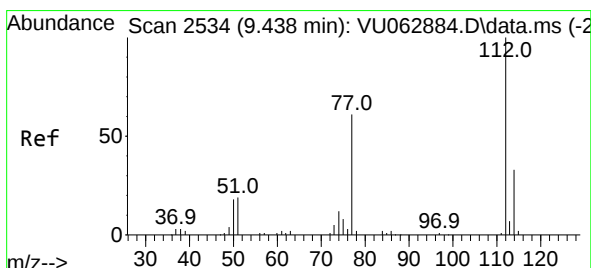
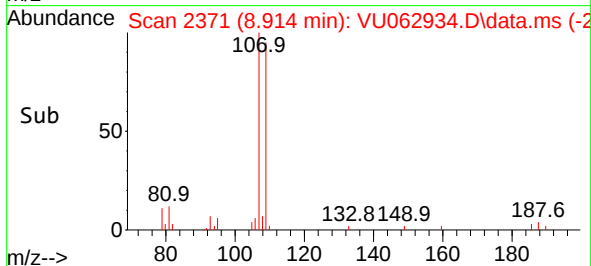
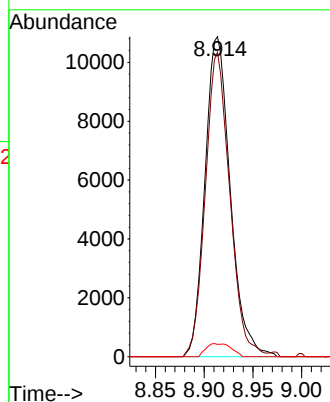
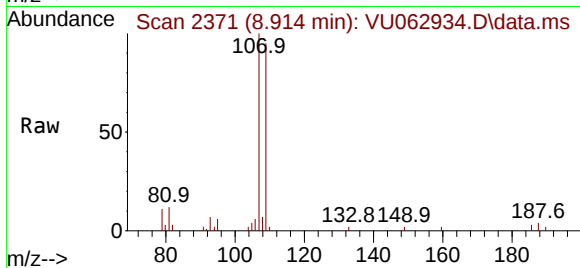
Acq: 21 Jan 2025 09:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	19651
Ion	Ratio	Lower	Upper
107	100		
109	95.2	65.7	121.9
188	3.8	3.4	5.2



#51

Chlorobenzene

Concen: 4.970 ug/L

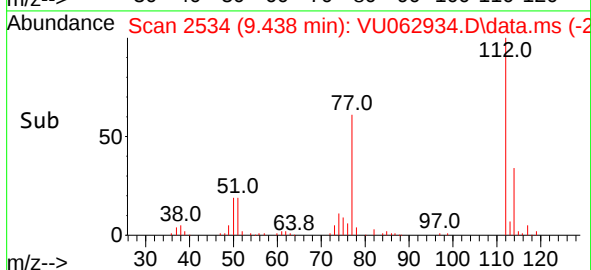
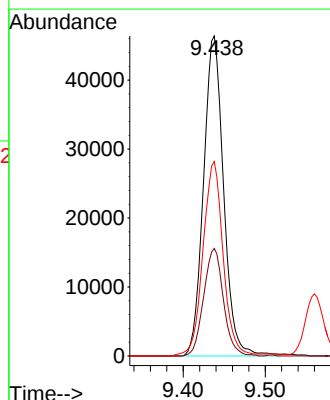
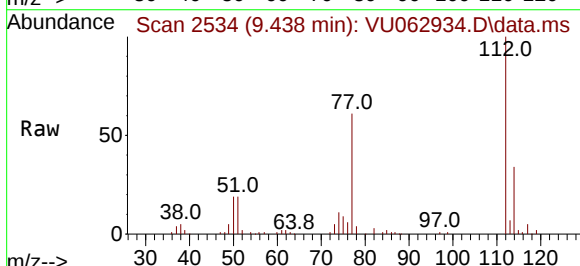
RT: 9.438 min Scan# 2534

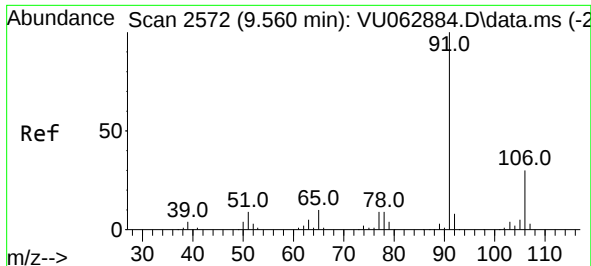
Delta R.T. 0.000 min

Lab File: VU062934.D

Acq: 21 Jan 2025 09:38

Tgt Ion:	112	Resp:	78983
Ion	Ratio	Lower	Upper
112	100		
114	33.6	21.7	40.3
77	60.8	48.6	73.0

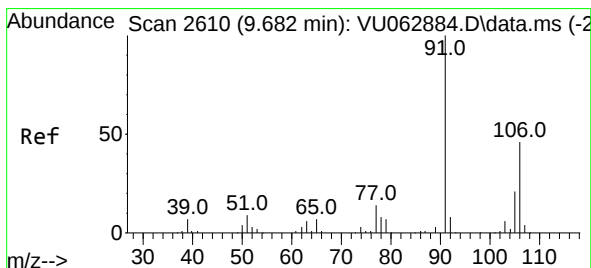
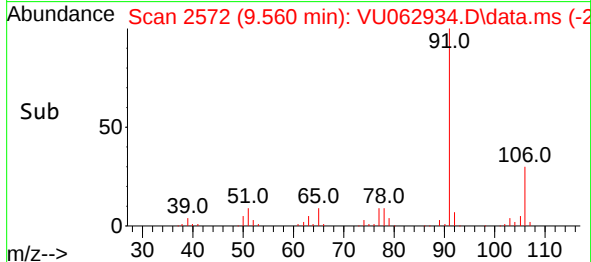
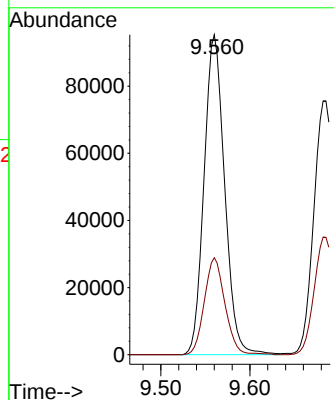
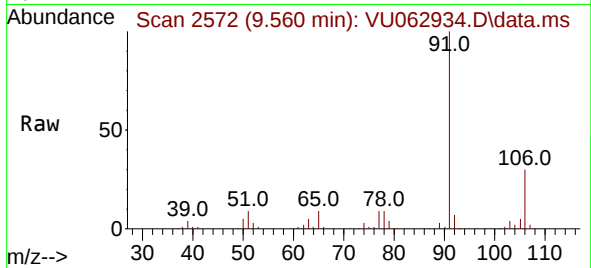




#52
Ethylbenzene
Concen: 5.537 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. 0.000 min
Lab File: VU062934.D
Acq: 21 Jan 2025 09:38

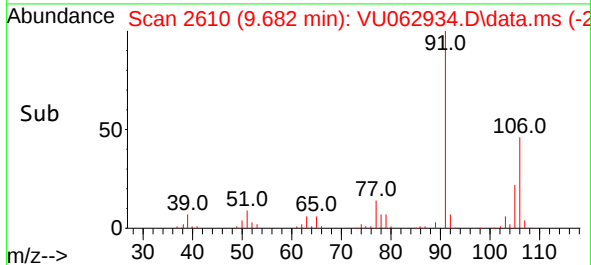
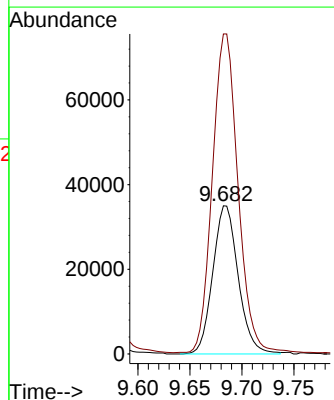
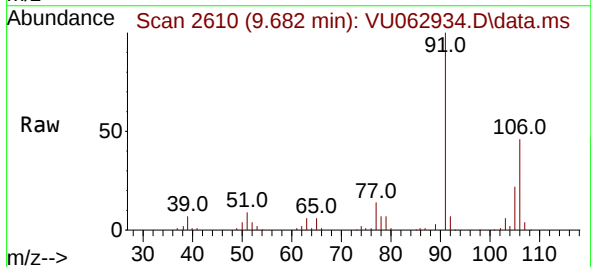
Instrument :
MSVOA_U
ClientSampleId :

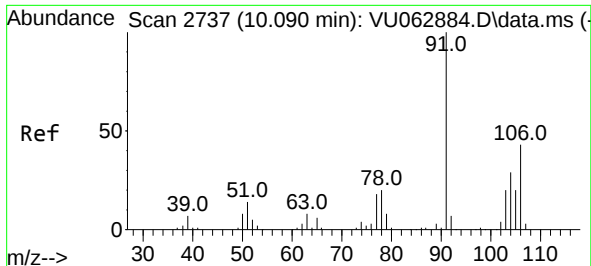
Tgt Ion: 91 Resp: 152687
Ion Ratio Lower Upper
91 100
106 30.3 21.9 40.7



#53
m,p-Xylene
Concen: 5.771 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. 0.000 min
Lab File: VU062934.D
Acq: 21 Jan 2025 09:38

Tgt Ion:106 Resp: 59517
Ion Ratio Lower Upper
106 100
91 215.9 153.1 284.3

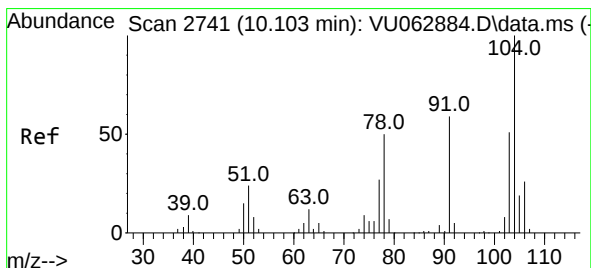
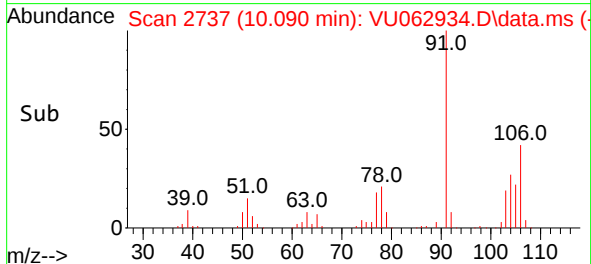
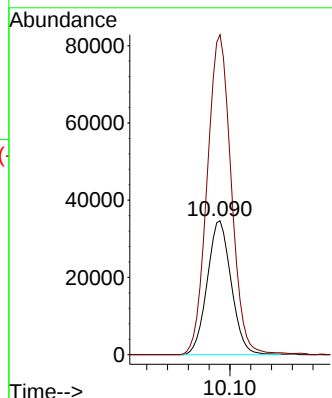
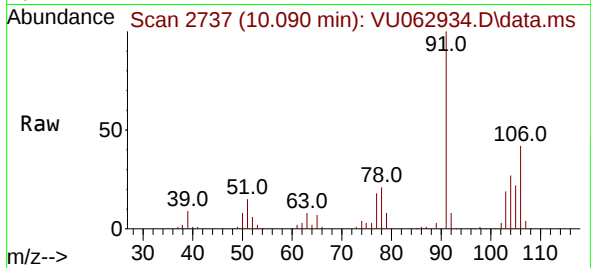




#54
o-Xylene
Concen: 5.626 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU062934.D
Acq: 21 Jan 2025 09:38

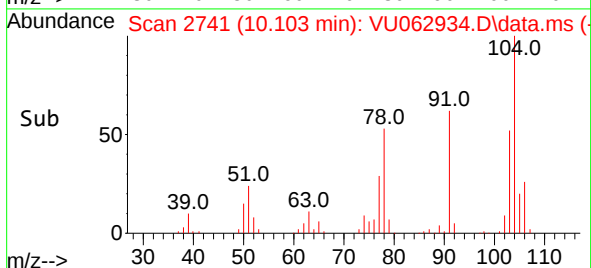
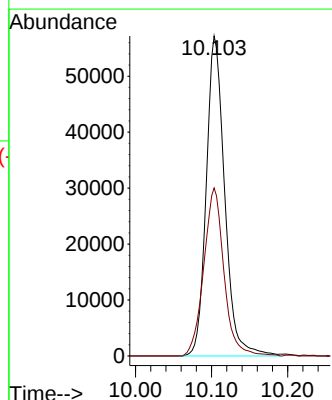
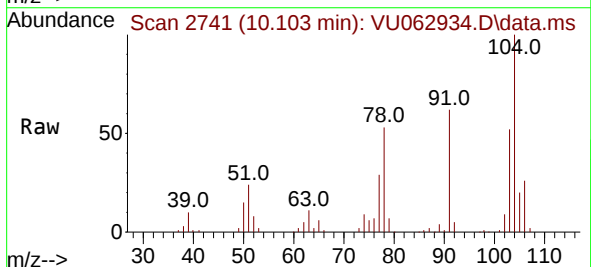
Instrument :
MSVOA_U
ClientSampleId :

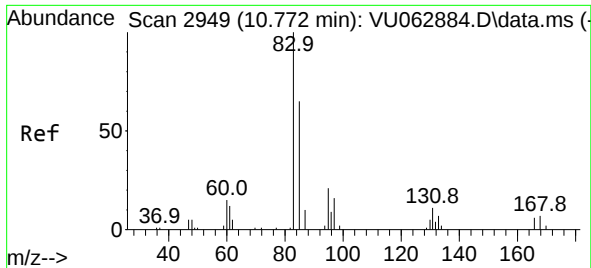
Tgt Ion:106 Resp: 55574
Ion Ratio Lower Upper
106 100
91 238.9 160.4 297.8



#55
Styrene
Concen: 5.834 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. 0.000 min
Lab File: VU062934.D
Acq: 21 Jan 2025 09:38

Tgt Ion:104 Resp: 96396
Ion Ratio Lower Upper
104 100
78 52.5 35.5 65.9

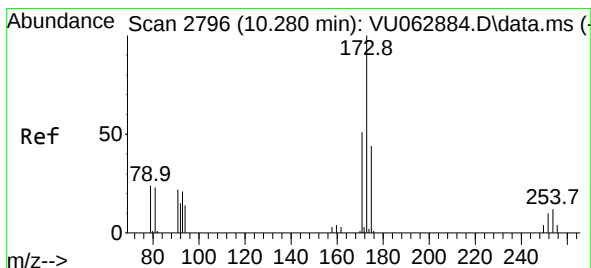
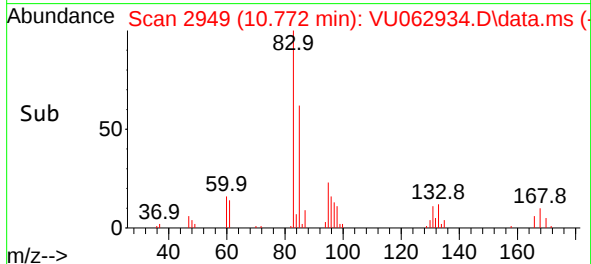
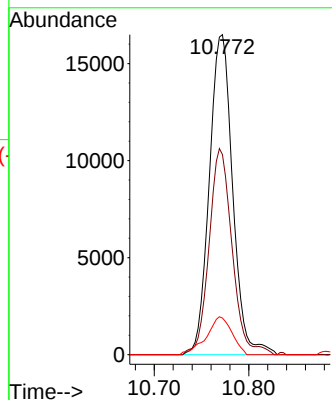
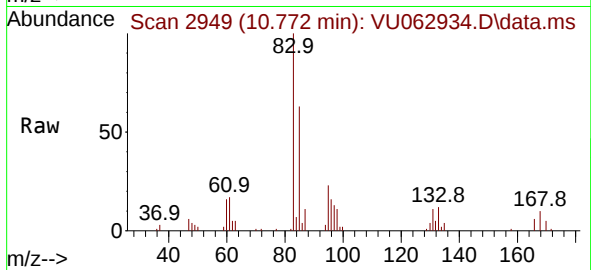




#57
1,1,2,2-Tetrachloroethane
Concen: 5.939 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU062934.D
Acq: 21 Jan 2025 09:38

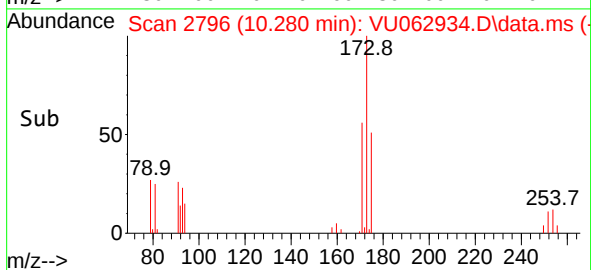
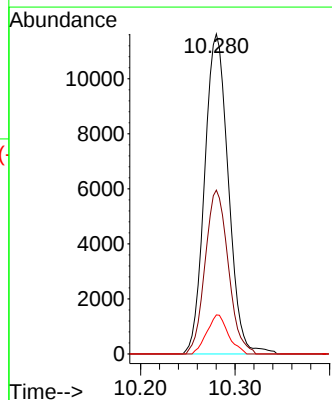
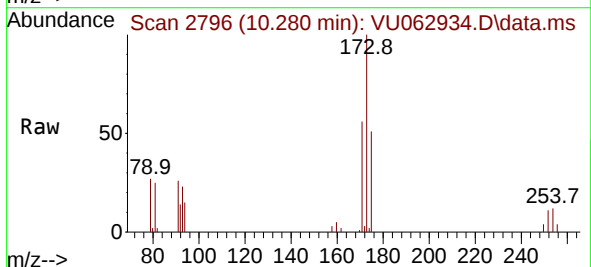
Instrument :
MSVOA_U
ClientSampleId :

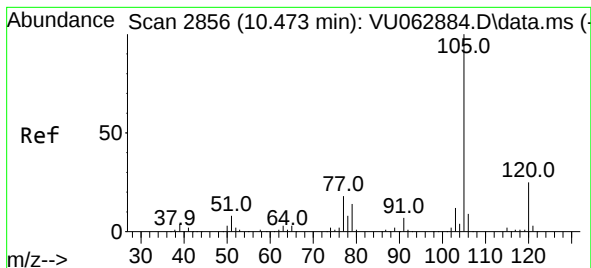
Tgt Ion: 83 Resp: 28307
Ion Ratio Lower Upper
83 100
85 62.6 43.0 79.8
131 11.5 7.4 11.0#



#59
Bromoform
Concen: 5.794 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. 0.000 min
Lab File: VU062934.D
Acq: 21 Jan 2025 09:38

Tgt Ion:173 Resp: 20221
Ion Ratio Lower Upper
173 100
175 50.1 39.8 59.8
254 11.0 8.6 12.8





#60

Isopropylbenzene

Concen: 5.939 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. 0.000 min

Lab File: VU062934.D

Acq: 21 Jan 2025 09:38

Instrument :

MSVOA_U

ClientSampleId :

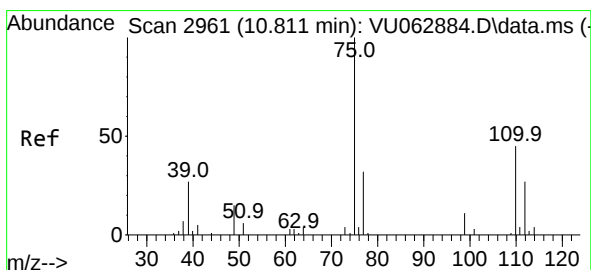
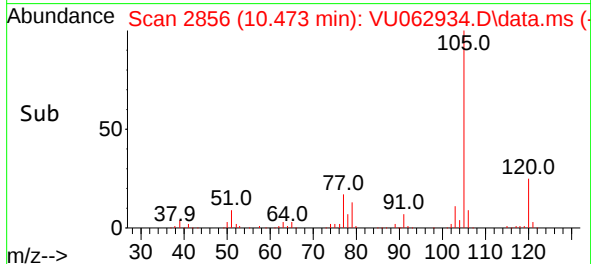
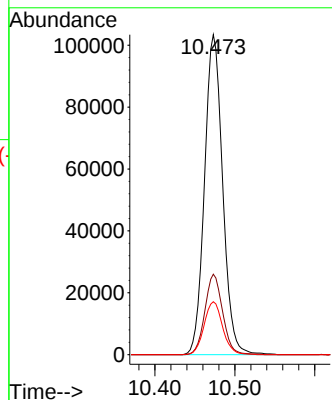
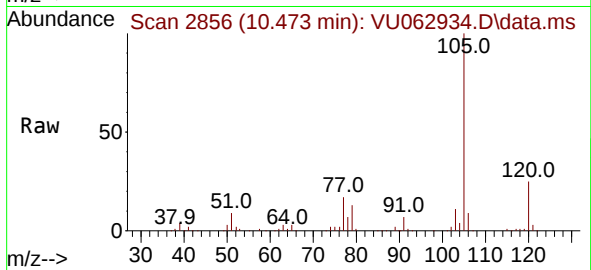
Tgt Ion:105 Resp: 163755

Ion Ratio Lower Upper

105 100

120 24.5 20.2 30.2

77 16.9 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 6.004 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. 0.000 min

Lab File: VU062934.D

Acq: 21 Jan 2025 09:38

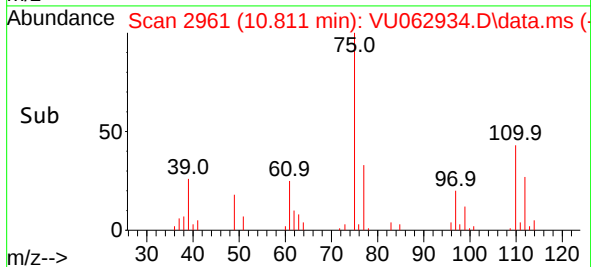
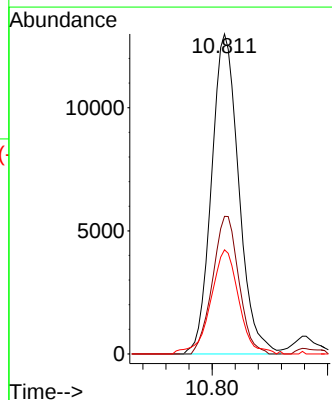
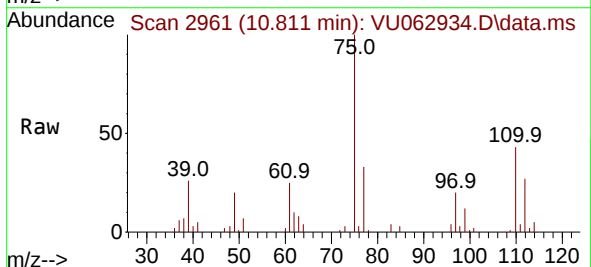
Tgt Ion: 75 Resp: 21310

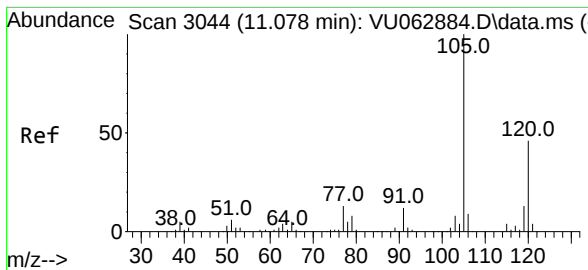
Ion Ratio Lower Upper

75 100

110 41.4 33.2 49.8

77 33.4 25.9 38.9

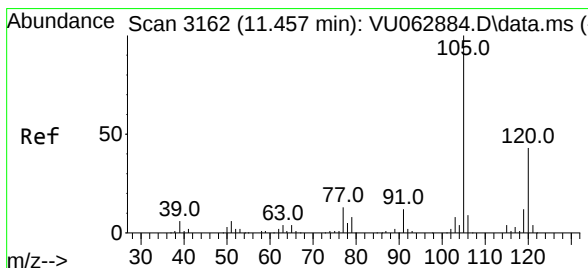
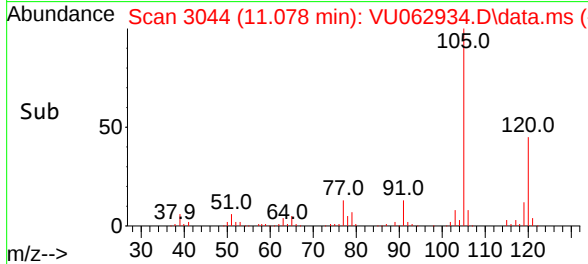
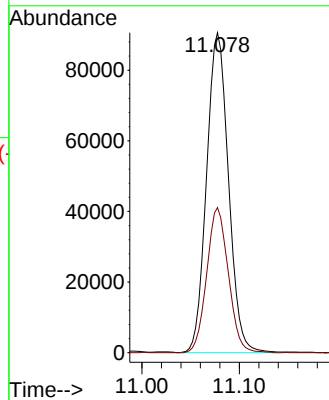
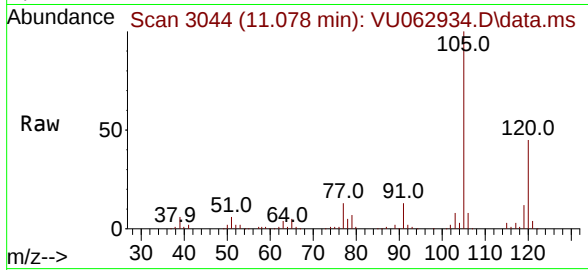




#62
 1,3,5-Trimethylbenzene
 Concen: 6.050 ug/L
 RT: 11.078 min Scan# 3044
 Delta R.T. 0.000 min
 Lab File: VU062934.D
 Acq: 21 Jan 2025 09:38

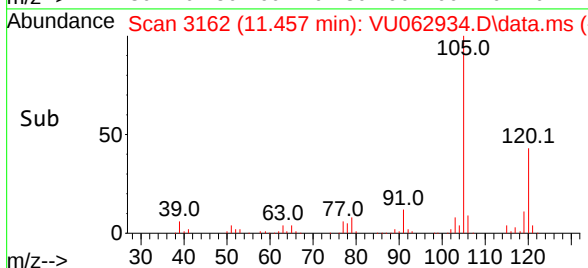
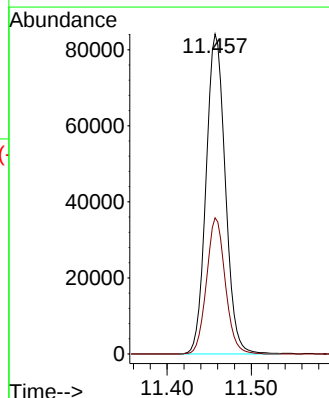
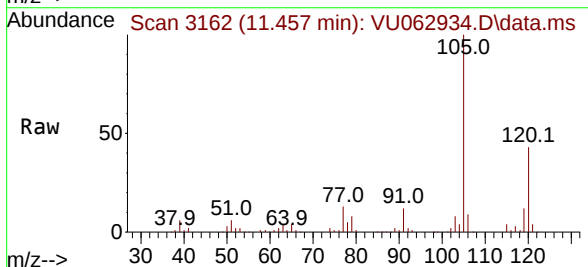
Instrument :
 MSVOA_U
 ClientSampleId :

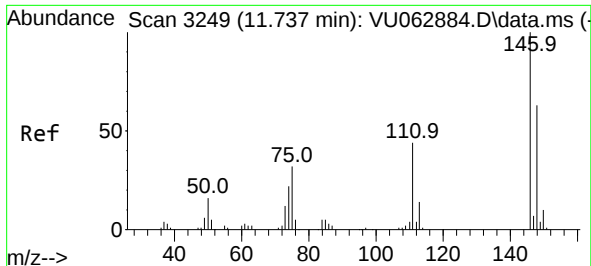
Tgt Ion:105 Resp: 141802
 Ion Ratio Lower Upper
 105 100
 120 44.7 35.9 53.9



#63
 1,2,4-Trimethylbenzene
 Concen: 5.896 ug/L
 RT: 11.457 min Scan# 3162
 Delta R.T. 0.000 min
 Lab File: VU062934.D
 Acq: 21 Jan 2025 09:38

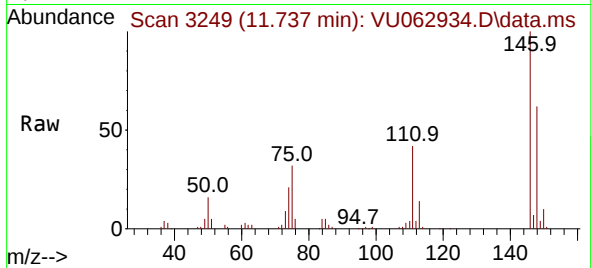
Tgt Ion:105 Resp: 133661
 Ion Ratio Lower Upper
 105 100
 120 41.5 34.2 51.2



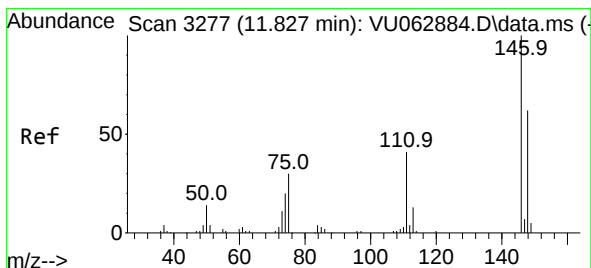
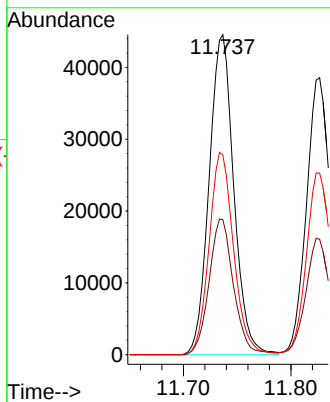
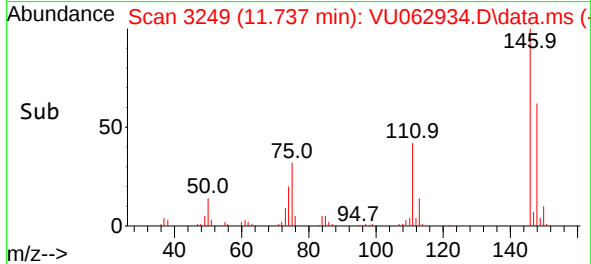


#64
1,3-Dichlorobenzene
Concen: 5.544 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU062934.D
Acq: 21 Jan 2025 09:38

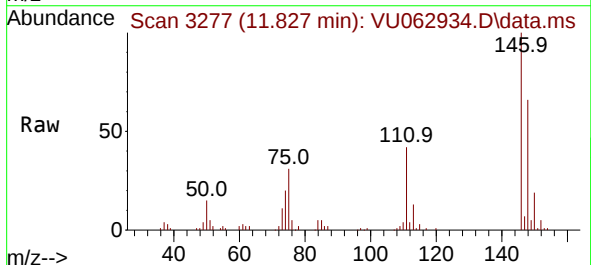
Instrument :
MSVOA_U
ClientSampleId :



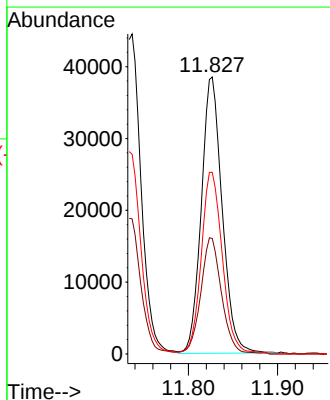
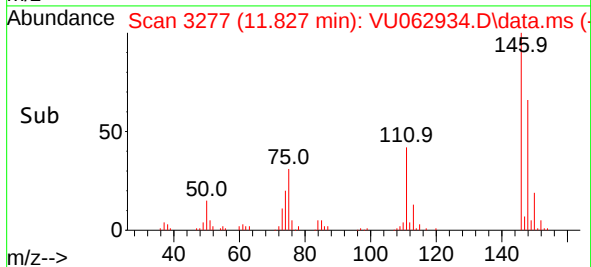
Tgt Ion:146 Resp: 70867
Ion Ratio Lower Upper
146 100
111 42.2 28.6 53.0
148 62.4 44.0 81.6

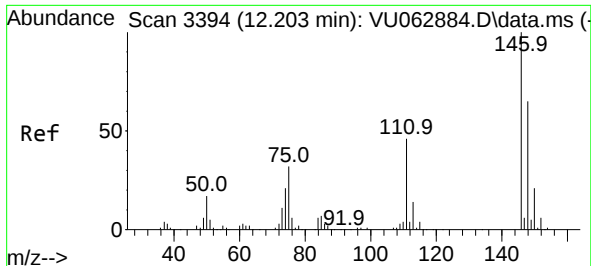


#65
1,4-Dichlorobenzene
Concen: 4.855 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU062934.D
Acq: 21 Jan 2025 09:38



Tgt Ion:146 Resp: 62579
Ion Ratio Lower Upper
146 100
111 41.7 29.5 54.9
148 65.6 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 5.404 ug/L

RT: 12.200 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU062934.D

Acq: 21 Jan 2025 09:38

Instrument :

MSVOA_U

ClientSampleId :

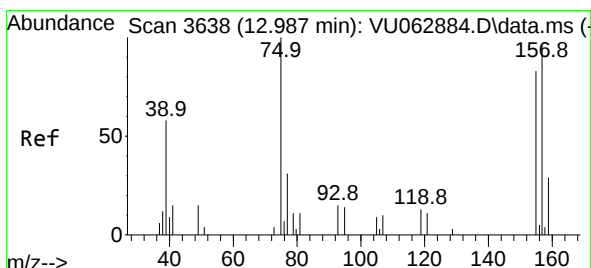
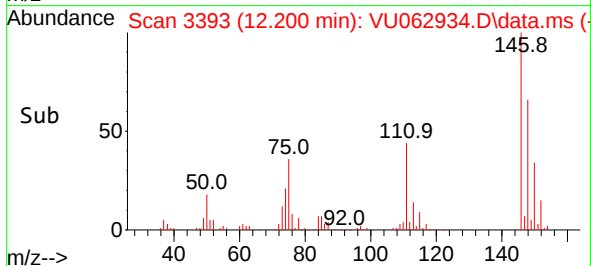
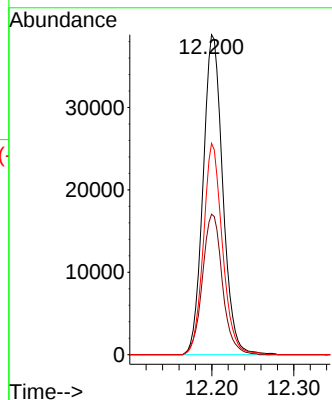
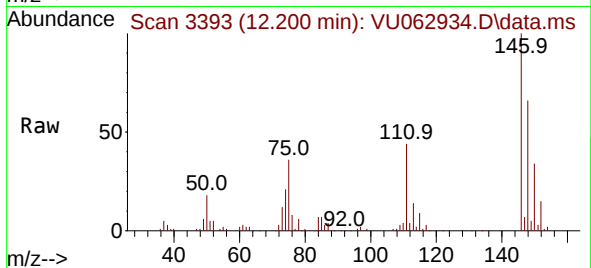
Tgt Ion:146 Resp: 64746

Ion Ratio Lower Upper

146 100

111 43.9 36.3 54.5

148 66.0 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.268 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU062934.D

Acq: 21 Jan 2025 09:38

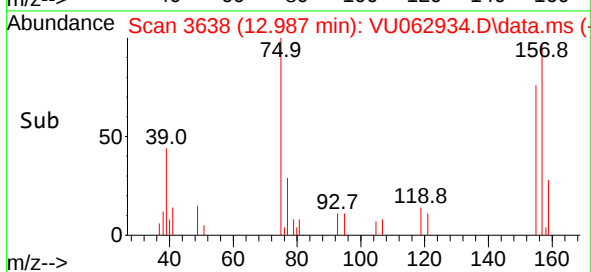
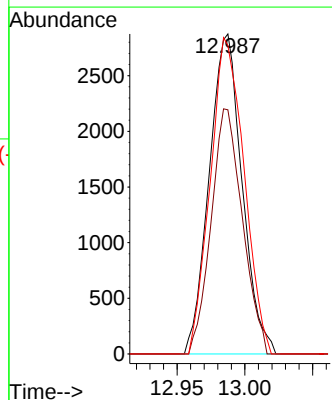
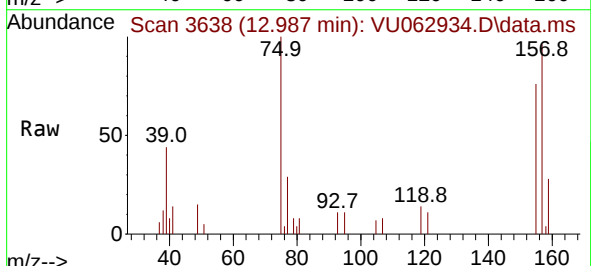
Tgt Ion: 75 Resp: 4843

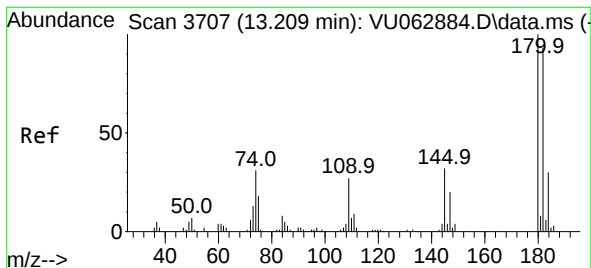
Ion Ratio Lower Upper

75 100

155 76.3 59.6 89.4

157 96.4 70.8 106.2





#69

1,3,5-Trichlorobenzene

Concen: 5.346 ug/L

RT: 13.209 min Scan# 31

Delta R.T. 0.000 min

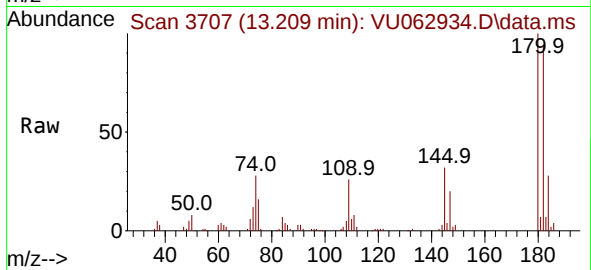
Lab File: VU062934.D

Acq: 21 Jan 2025 09:38

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 51467

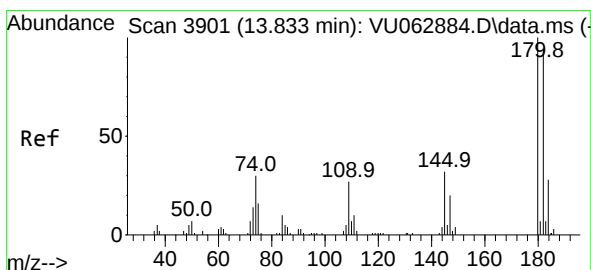
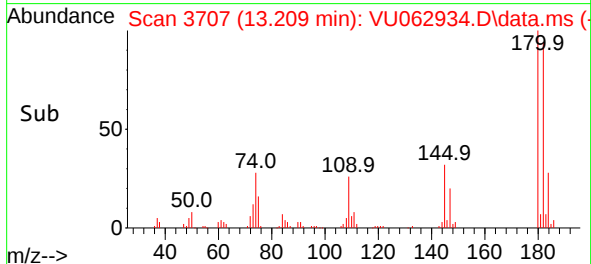
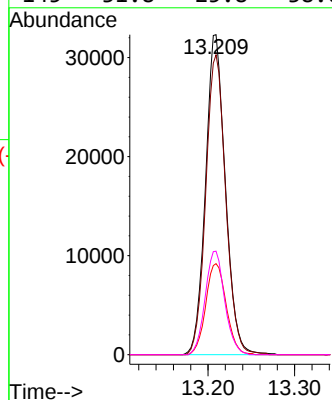
Ion Ratio Lower Upper

180 100

182 94.0 75.8 113.8

184 29.3 24.7 37.1

145 31.8 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 4.832 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. 0.000 min

Lab File: VU062934.D

Acq: 21 Jan 2025 09:38

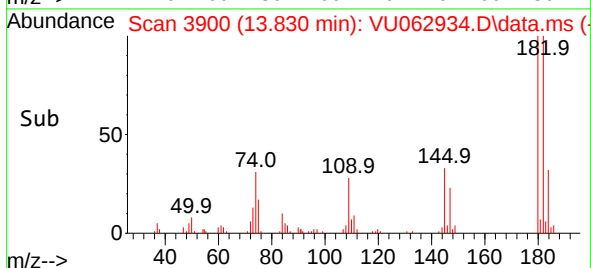
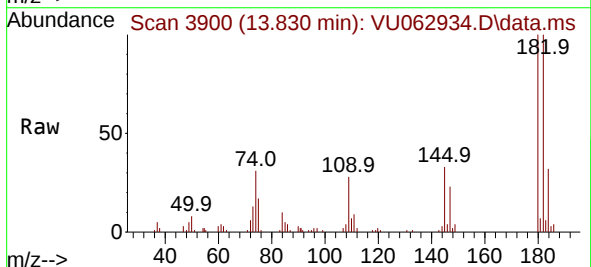
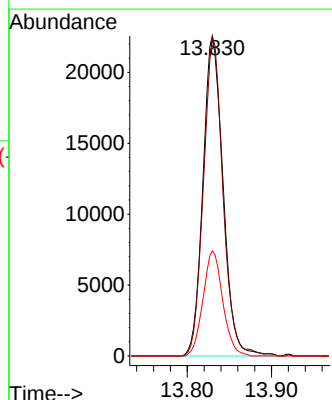
Tgt Ion:180 Resp: 37464

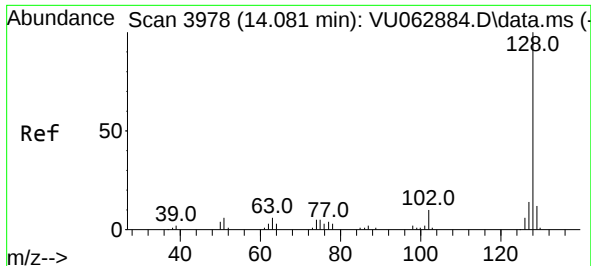
Ion Ratio Lower Upper

180 100

182 96.9 77.1 115.7

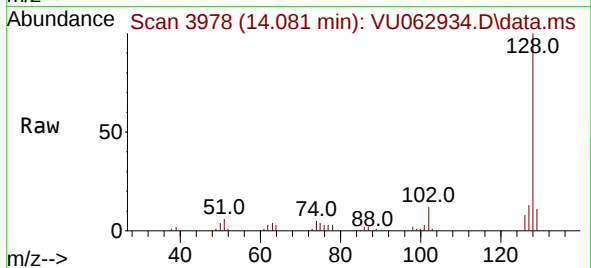
145 32.2 26.9 40.3



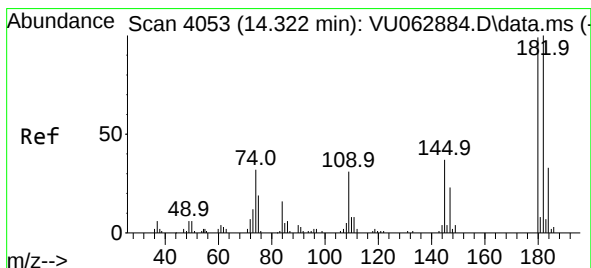
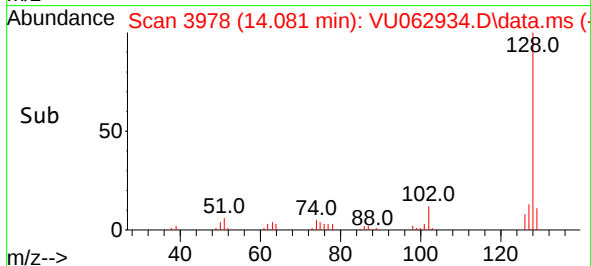
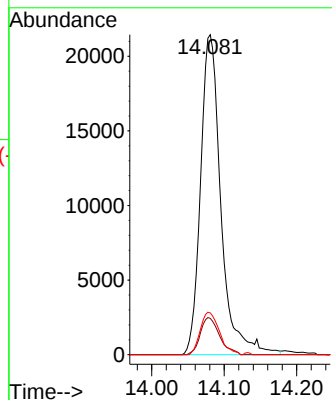


#71
Naphthalene
Concen: 3.693 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU062934.D
Acq: 21 Jan 2025 09:38

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	41904
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.5	12.7
127	12.4	10.2	15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.831 ug/L
RT: 14.319 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU062934.D
Acq: 21 Jan 2025 09:38

Tgt Ion:	180	Resp:	32651
Ion Ratio	Lower	Upper	
180	100		
182	94.7	79.8	119.6
145	34.2	29.2	43.8

