

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
 Data File : VU063169.D
 Acq On : 05 Feb 2025 19:10
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 06 07:33:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 06 07:25:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	87944	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	83143	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	39791	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20623	4.100	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.901	69	21087	4.516	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.554	65	9726	4.331	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.605	46	85475	51.615	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.220%
24) Chloroform-d	5.049	84	53107	4.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.689	65	27411	4.792	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.714	84	99382	4.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.676	67	33666	4.709	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.888	98	88221	4.605	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.171	79	12443	4.645	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.618	63	67098	49.763	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.520%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	30697	4.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	31478	4.737	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	39405	5.172	ug/L	100
3) Chloromethane	1.515	50	41472	4.969	ug/L	98
5) Vinyl chloride	1.599	62	43399	5.137	ug/L	99
6) Bromomethane	1.840	94	16646	3.919	ug/L	98
8) Chloroethane	1.920	64	26652	5.237	ug/L	99
9) Trichlorofluoromethane	2.126	101	50849	5.358	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	30330	5.199	ug/L	98
12) 1,1-Dichloroethene	2.567	96	30443	5.326	ug/L	93
13) Acetone	2.612	43	54024	51.805	ug/L	99
14) Carbon disulfide	2.779	76	104334	5.198	ug/L	99
15) Methyl Acetate	2.936	43	15586	5.472	ug/L	97
16) Methylene chloride	3.030	84	35234	5.153	ug/L	94
17) Methyl tert-butyl Ether	3.348	73	82299	5.224	ug/L	99
18) trans-1,2-Dichloroethene	3.338	96	32457	5.310	ug/L	99
19) 1,1-Dichloroethane	3.853	63	63142	5.138	ug/L	98
21) 2-Butanone	4.682	43	94379	54.508	ug/L	100
22) cis-1,2-Dichloroethene	4.650	96	37009	5.428	ug/L	96
23) Bromochloromethane	4.962	128	16419	5.368	ug/L	95
25) Chloroform	5.071	83	64923	5.368	ug/L	99

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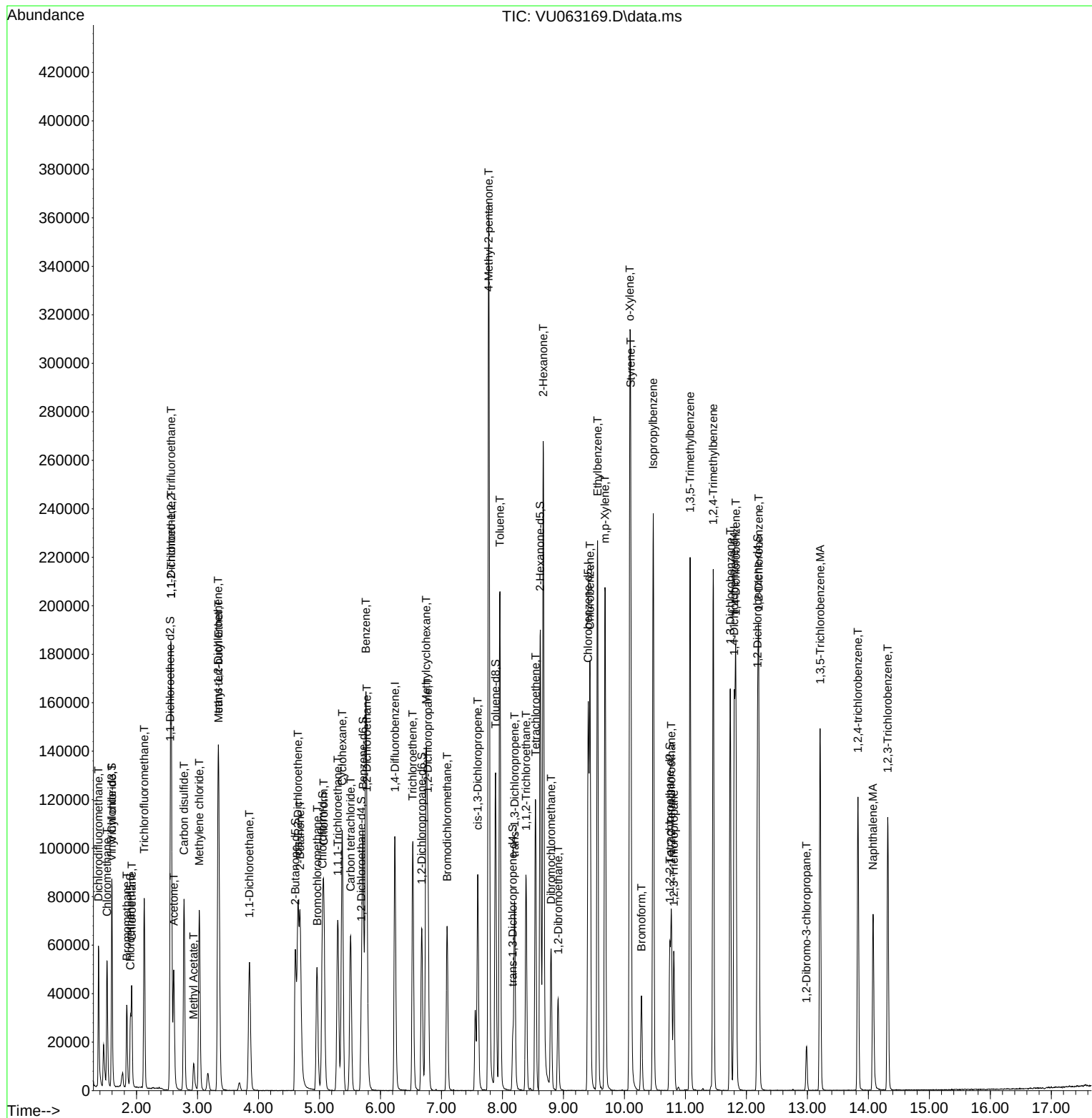
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	43133	5.413	ug/L	100
29) 1,1,1-Trichloroethane	5.300	97	52020	5.286	ug/L	98
30) Cyclohexane	5.374	56	54702	5.251	ug/L	100
31) Carbon tetrachloride	5.512	117	44081	5.308	ug/L	100
33) Benzene	5.759	78	143750	5.254	ug/L	100
34) Trichloroethene	6.528	95	36675	5.278	ug/L	96
35) Methylcyclohexane	6.750	83	53287	5.118	ug/L	99
37) 1,2-Dichloropropane	6.779	63	39146	5.365	ug/L	100
38) Bromodichloromethane	7.094	83	45578	5.201	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	54270	5.215	ug/L	99
40) 4-Methyl-2-pentanone	7.775	43	232317	53.937	ug/L	100
42) Toluene	7.959	91	153606	5.371	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	45782	5.255	ug/L	99
45) 1,1,2-Trichloroethane	8.386	97	28452	5.279	ug/L	99
47) Tetrachloroethene	8.544	164	26589	5.448	ug/L	99
48) 2-Hexanone	8.669	43	169204	55.683	ug/L	100
49) Dibromochloromethane	8.798	129	29704	5.236	ug/L	98
50) 1,2-Dibromoethane	8.914	107	26185	5.297	ug/L	99
51) Chlorobenzene	9.438	112	90851	5.263	ug/L	100
52) Ethylbenzene	9.560	91	158811	5.309	ug/L	99
53) m,p-Xylene	9.682	106	59301	5.496	ug/L	98
54) o-Xylene	10.090	106	58247	5.444	ug/L	100
55) Styrene	10.103	104	95760	5.437	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.769	83	37353	5.400	ug/L	96
59) Bromoform	10.280	173	17845	5.202	ug/L	96
60) Isopropylbenzene	10.473	105	153403	5.429	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	24965	5.199	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	120142	5.390	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	118600	5.533	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	68789	5.373	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	67800	5.267	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	65862	5.505	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	5371	5.591	ug/L	96
69) 1,3,5-Trichlorobenzene	13.209	180	46972	5.370	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	37369	5.430	ug/L	100
71) Naphthalene	14.077	128	63894	5.657	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	35510	5.775	ug/L	97

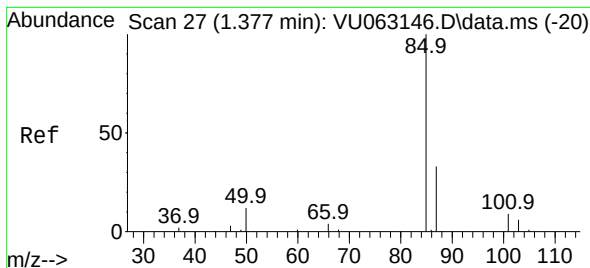
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ClientSampleId :

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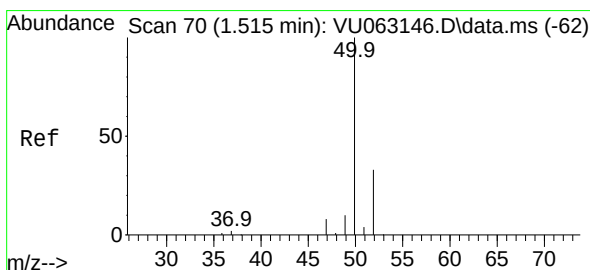
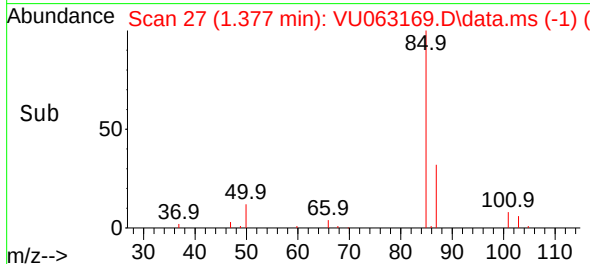
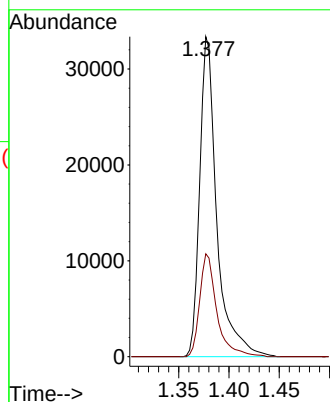
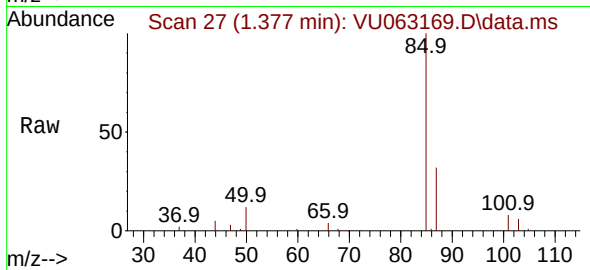




#2
 Dichlorodifluoromethane
 Concen: 5.172 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU063169.D
 Acq: 05 Feb 2025 19:10

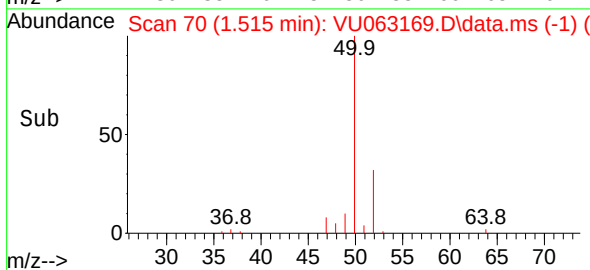
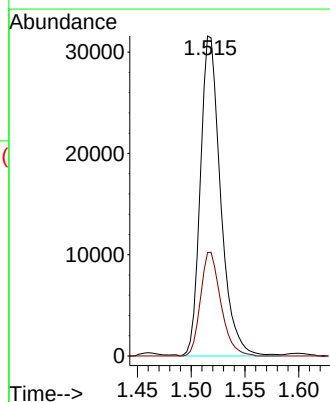
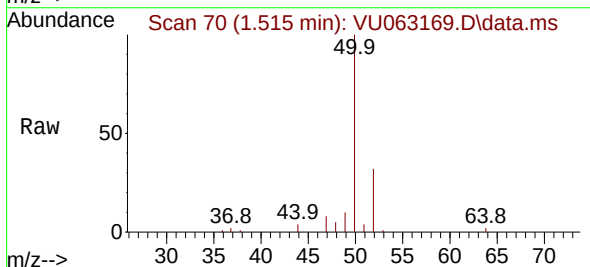
Instrument :
 MSVOA_U
 ClientSampleId :

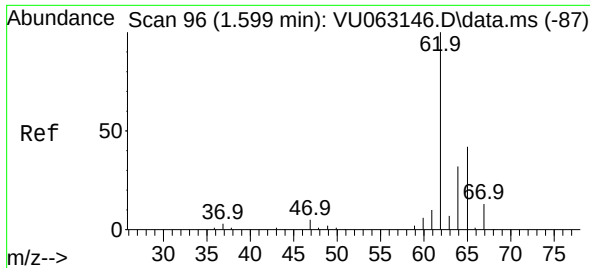
Tgt Ion: 85 Resp: 39405
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.9 38.9



#3
 Chloromethane
 Concen: 4.969 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU063169.D
 Acq: 05 Feb 2025 19:10

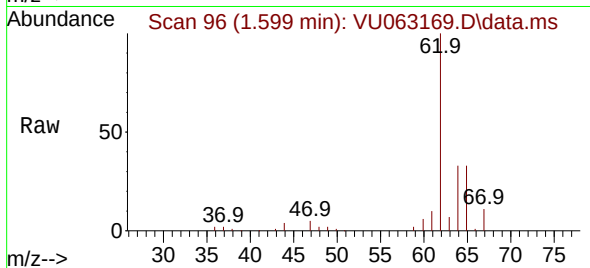
Tgt Ion: 50 Resp: 41472
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.4 43.6



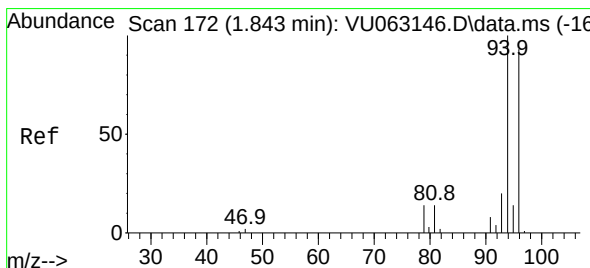
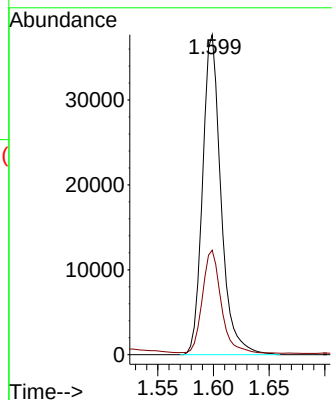
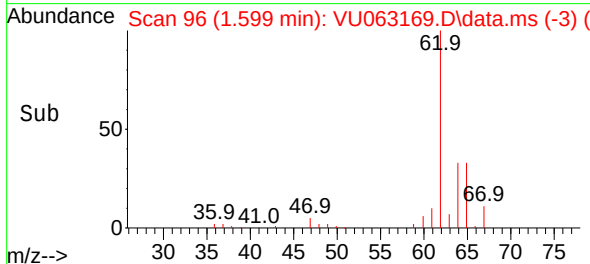


#5
 Vinyl chloride
 Concen: 5.137 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU063169.D
 Acq: 05 Feb 2025 19:10

Instrument :
 MSVOA_U
 ClientSampleId :

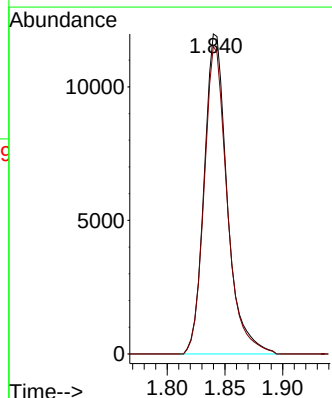
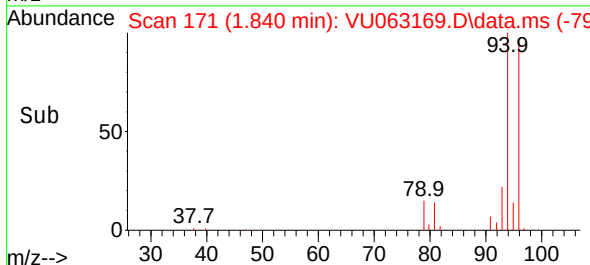
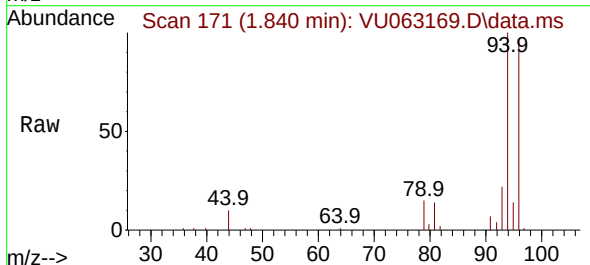


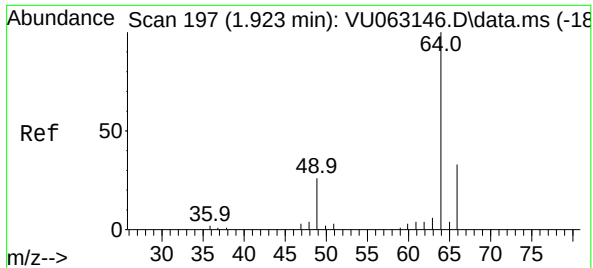
Tgt Ion: 62 Resp: 43399
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.2 43.0



#6
 Bromomethane
 Concen: 3.919 ug/L
 RT: 1.840 min Scan# 171
 Delta R.T. -0.003 min
 Lab File: VU063169.D
 Acq: 05 Feb 2025 19:10

Tgt Ion: 94 Resp: 16646
 Ion Ratio Lower Upper
 94 100
 96 96.2 66.3 123.1

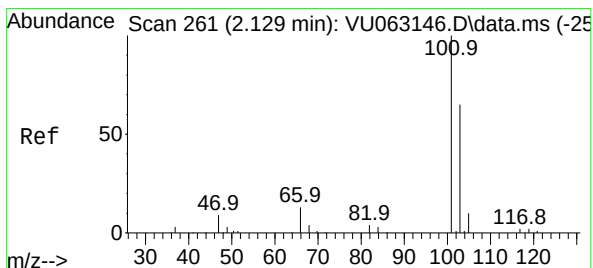
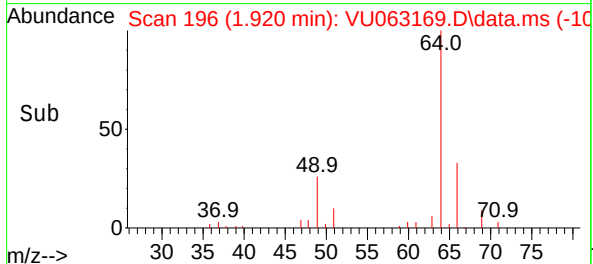
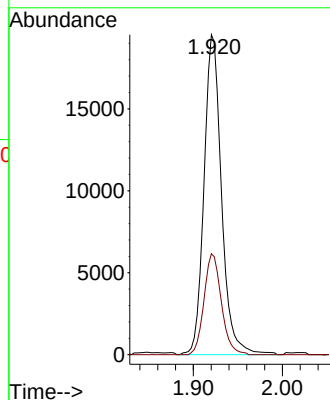
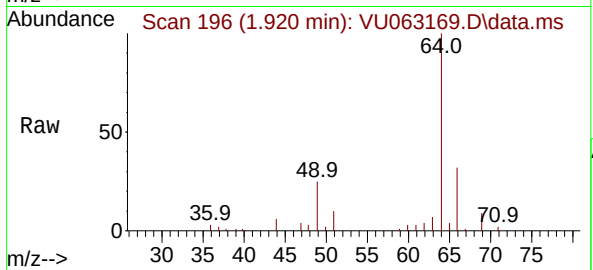




#8
Chloroethane
Concen: 5.237 ug/L
RT: 1.920 min Scan# 196
Delta R.T. -0.003 min
Lab File: VU063169.D
Acq: 05 Feb 2025 19:10

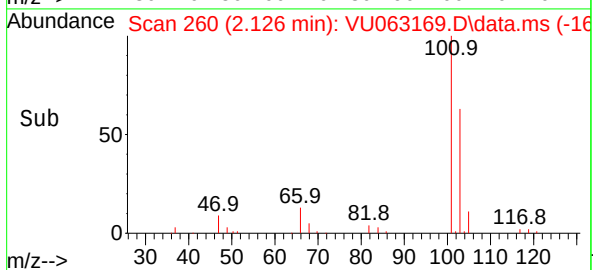
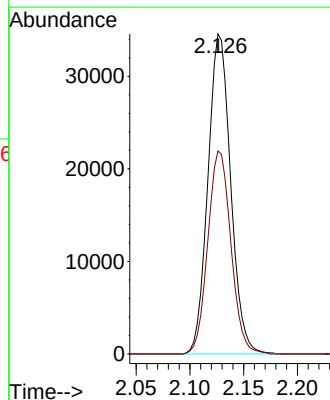
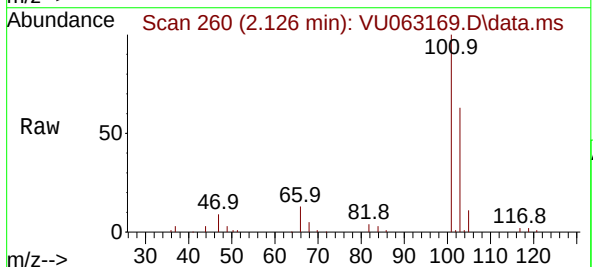
Instrument :
MSVOA_U
ClientSampleId :

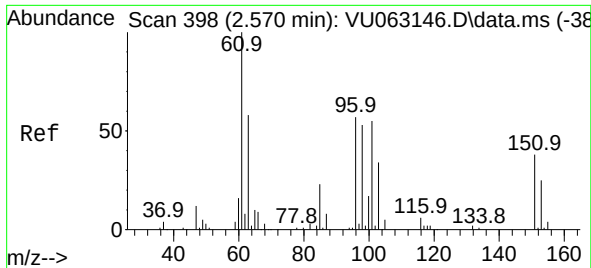
Tgt Ion: 64 Resp: 26652
Ion Ratio Lower Upper
64 100
66 31.5 21.7 40.3



#9
Trichlorofluoromethane
Concen: 5.358 ug/L
RT: 2.126 min Scan# 260
Delta R.T. -0.003 min
Lab File: VU063169.D
Acq: 05 Feb 2025 19:10

Tgt Ion:101 Resp: 50849
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.199 ug/L

RT: 2.567 min Scan# 397

Delta R.T. -0.003 min

Lab File: VU063169.D

Acq: 05 Feb 2025 19:10

Instrument :

MSVOA_U

ClientSampleId :

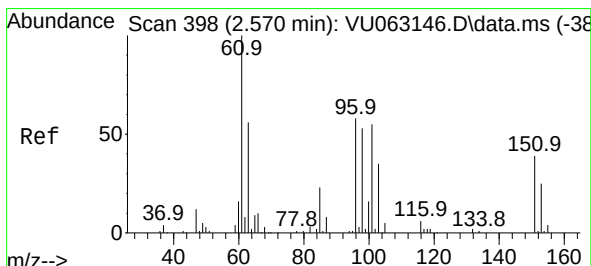
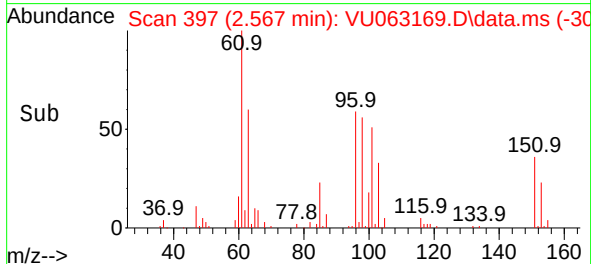
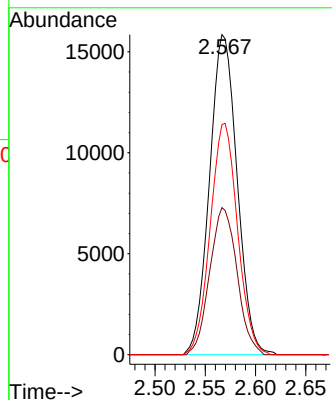
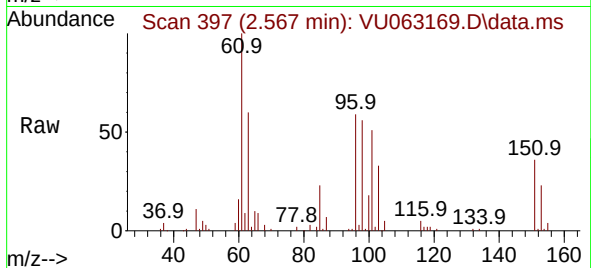
Tgt Ion:101 Resp: 30330

Ion Ratio Lower Upper

101 100

85 45.4 35.0 52.4

151 71.5 56.3 84.5



#12

1,1-Dichloroethene

Concen: 5.326 ug/L

RT: 2.567 min Scan# 397

Delta R.T. -0.003 min

Lab File: VU063169.D

Acq: 05 Feb 2025 19:10

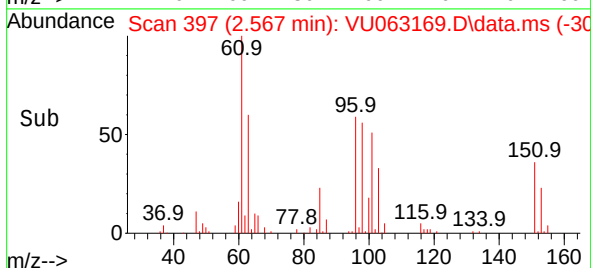
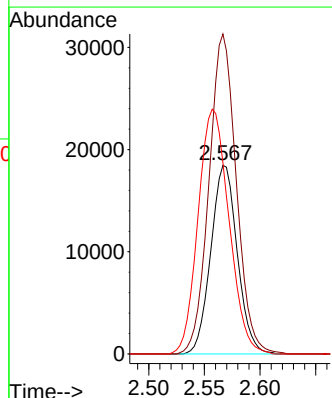
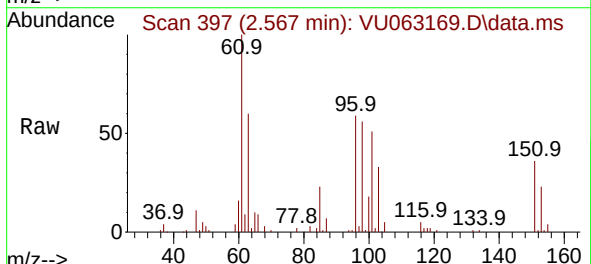
Tgt Ion: 96 Resp: 30443

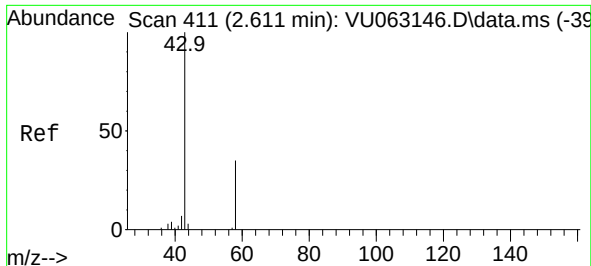
Ion Ratio Lower Upper

96 100

61 169.6 121.9 226.3

63 101.4 80.3 149.1





#13

Acetone

Concen: 51.805 ug/L

RT: 2.612 min Scan# 411

Delta R.T. 0.000 min

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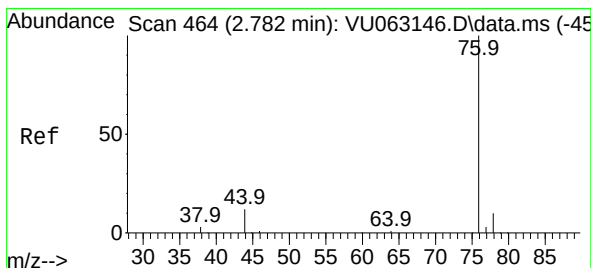
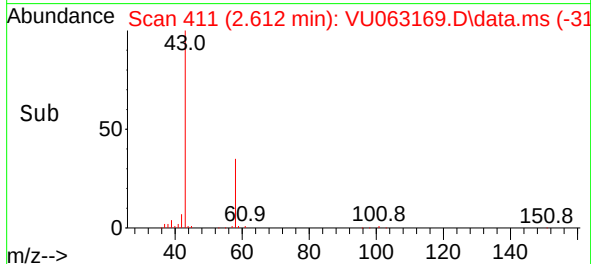
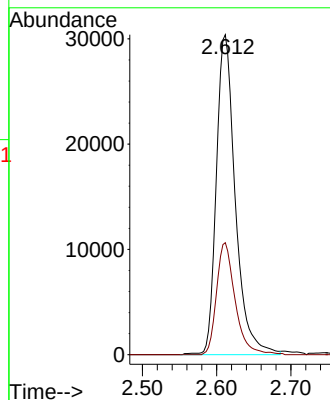
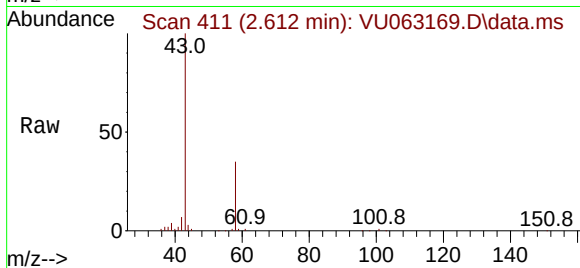
ClientSampleId :

Tgt Ion: 43 Resp: 54024

Ion Ratio Lower Upper

43 100

58 34.3 0.0 70.2



#14

Carbon disulfide

Concen: 5.198 ug/L

RT: 2.779 min Scan# 463

Delta R.T. -0.003 min

Lab File: VU063169.D

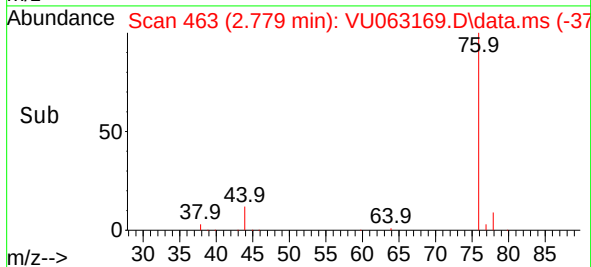
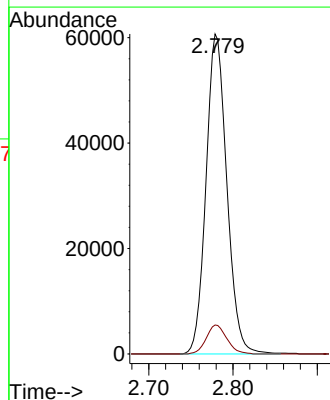
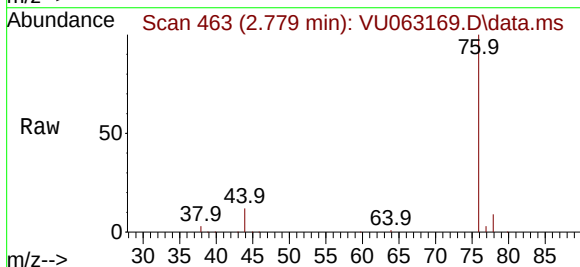
Acq: 05 Feb 2025 19:10

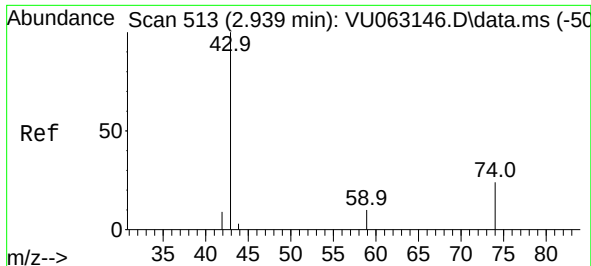
Tgt Ion: 76 Resp: 104334

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3





#15

Methyl Acetate

Concen: 5.472 ug/L

RT: 2.936 min Scan# 51

Delta R.T. -0.003 min

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Instrument :

MSVOA_U

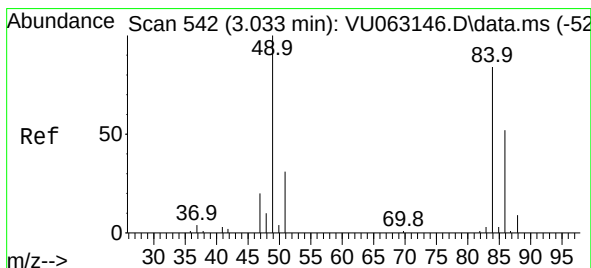
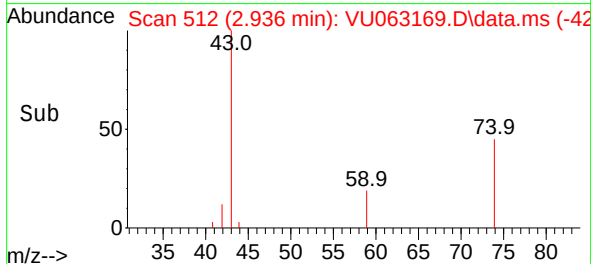
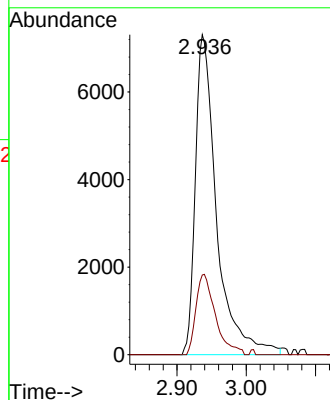
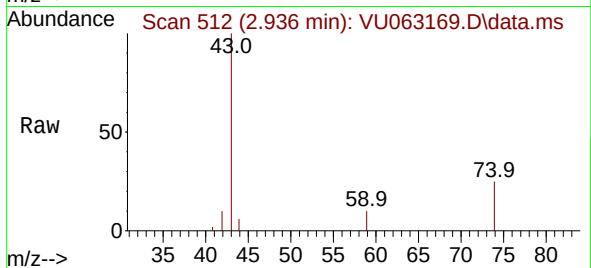
ClientSampleId :

Tgt Ion: 43 Resp: 15586

Ion Ratio Lower Upper

43 100

74 23.0 19.5 29.3



#16

Methylene chloride

Concen: 5.153 ug/L

RT: 3.030 min Scan# 541

Delta R.T. -0.003 min

Lab File: VU063169.D

Acq: 05 Feb 2025 19:10

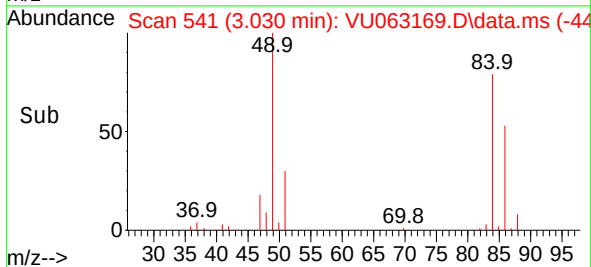
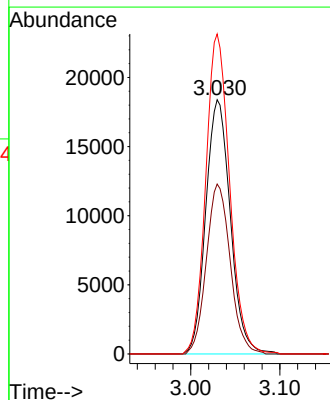
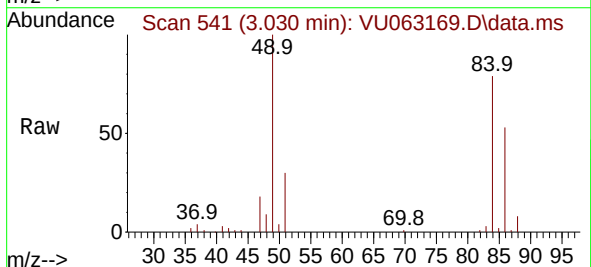
Tgt Ion: 84 Resp: 35234

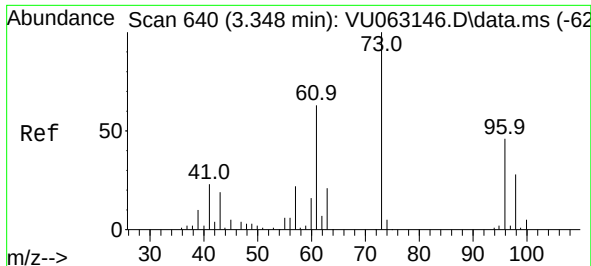
Ion Ratio Lower Upper

84 100

86 66.8 45.0 83.6

49 125.8 82.4 153.0

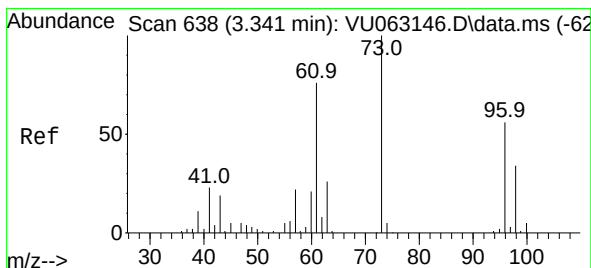
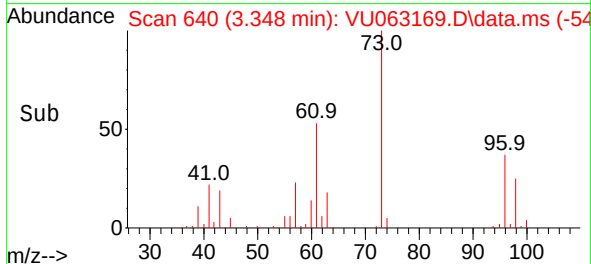
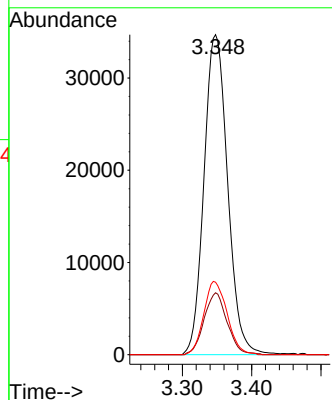
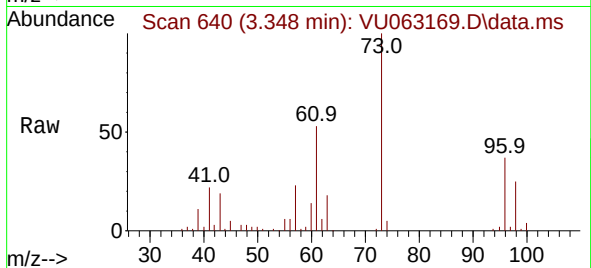




#17
Methyl tert-butyl Ether
Concen: 5.224 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU063169.D
Acq: 05 Feb 2025 19:10

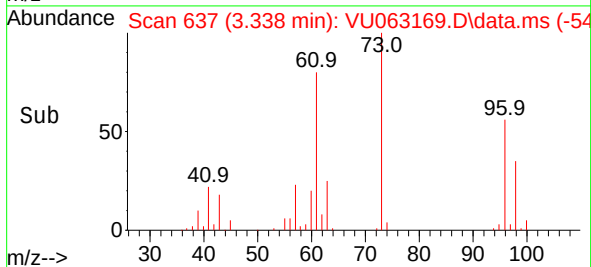
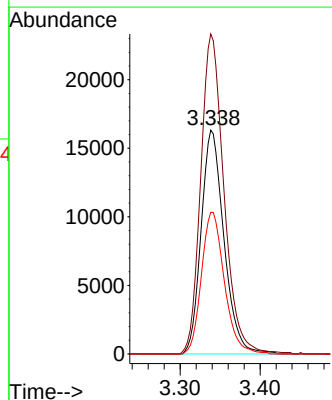
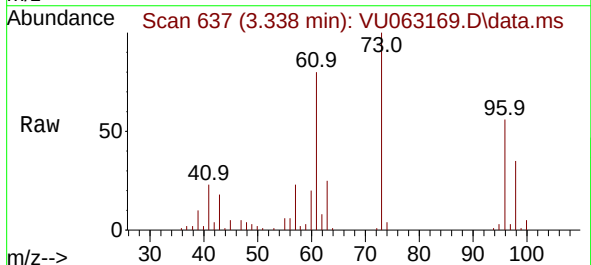
Instrument :
MSVOA_U
ClientSampleId :

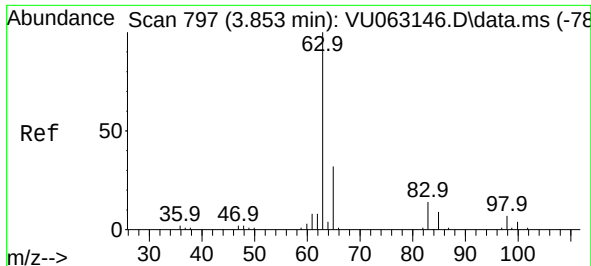
Tgt Ion: 73 Resp: 82299
Ion Ratio Lower Upper
73 100
43 18.9 15.1 22.7
57 22.6 18.7 28.1



#18
trans-1,2-Dichloroethene
Concen: 5.310 ug/L
RT: 3.338 min Scan# 637
Delta R.T. -0.003 min
Lab File: VU063169.D
Acq: 05 Feb 2025 19:10

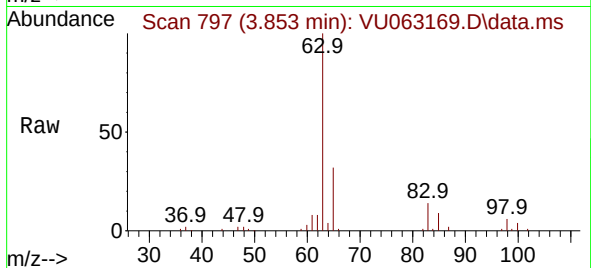
Tgt Ion: 96 Resp: 32457
Ion Ratio Lower Upper
96 100
61 143.0 99.2 184.2
98 63.3 43.2 80.2



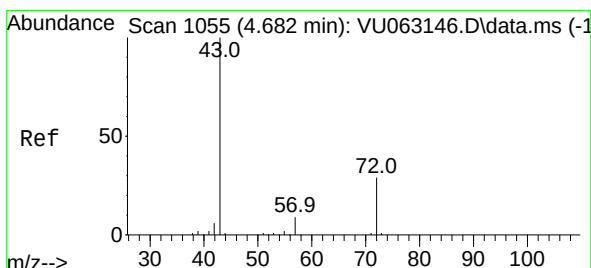
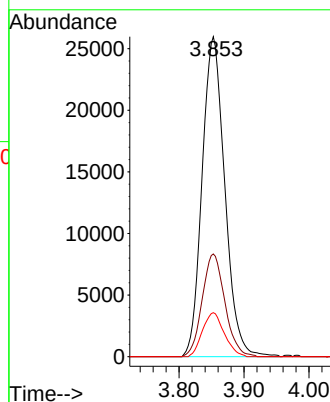
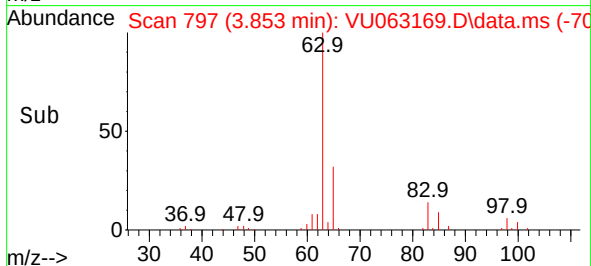


#19
1,1-Dichloroethane
Concen: 5.138 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU063169.D
Acq: 05 Feb 2025 19:10

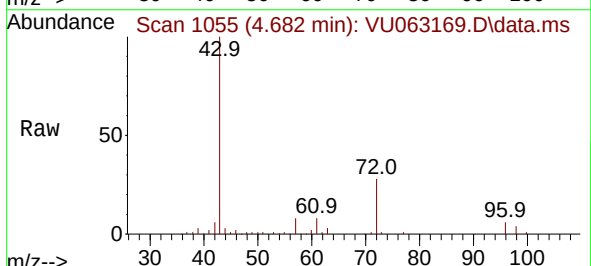
Instrument :
MSVOA_U
ClientSampleId :



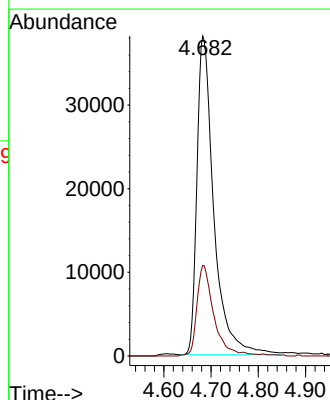
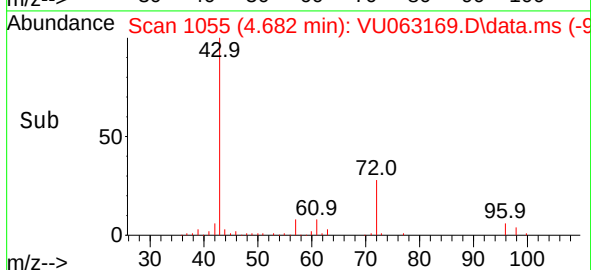
Tgt Ion: 63 Resp: 63142
Ion Ratio Lower Upper
63 100
65 32.1 23.2 43.0
83 13.8 8.7 16.1

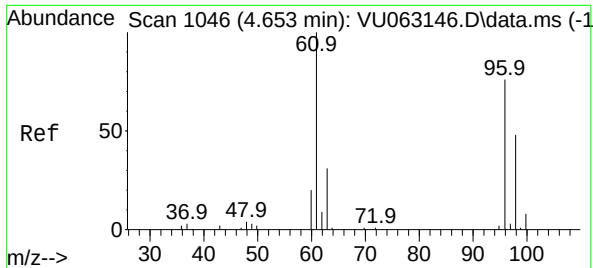


#21
2-Butanone
Concen: 54.508 ug/L
RT: 4.682 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VU063169.D
Acq: 05 Feb 2025 19:10



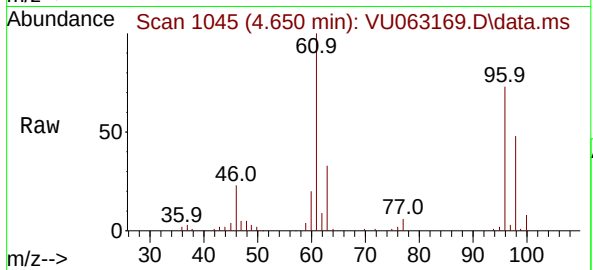
Tgt Ion: 43 Resp: 94379
Ion Ratio Lower Upper
43 100
72 27.8 13.9 41.7





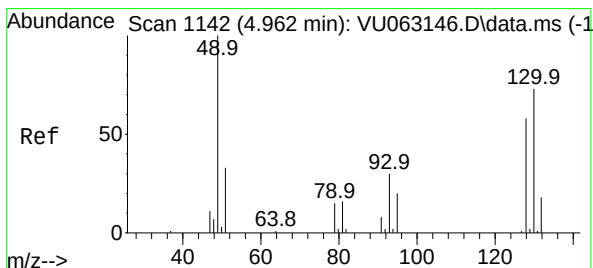
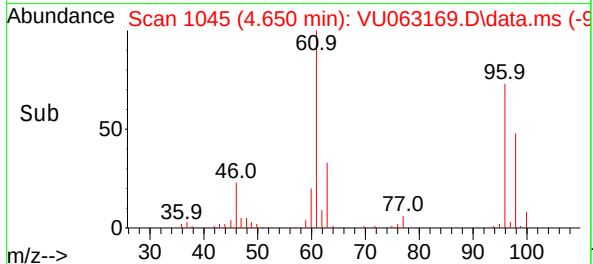
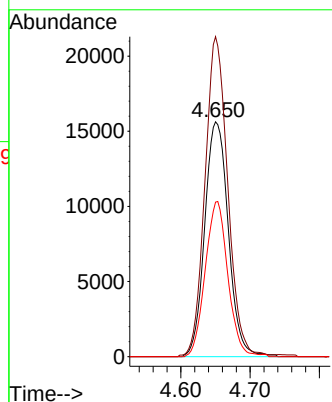
#22
 cis-1,2-Dichloroethene
 Concen: 5.428 ug/L
 RT: 4.650 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU063169.D
 Acq: 05 Feb 2025 19:10

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 37009

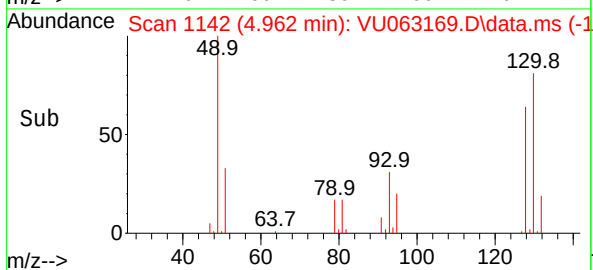
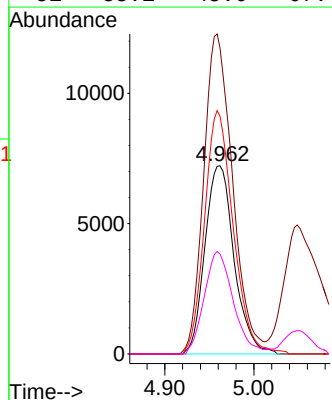
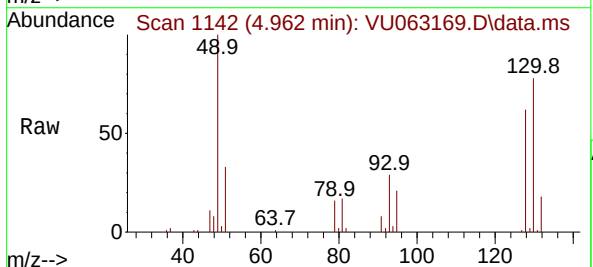
Ion	Ratio	Lower	Upper
96	100		
61	136.2	91.8	170.6
98	65.8	44.4	82.4

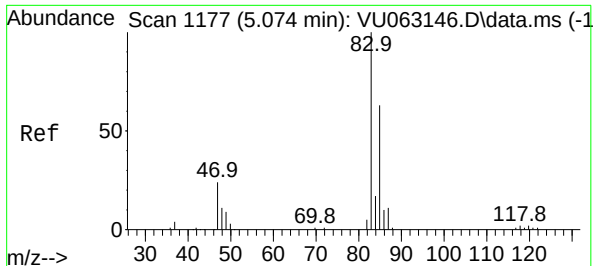


#23
 Bromochloromethane
 Concen: 5.368 ug/L
 RT: 4.962 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VU063169.D
 Acq: 05 Feb 2025 19:10

Tgt Ion: 128 Resp: 16419

Ion	Ratio	Lower	Upper
128	100		
49	162.4	121.2	225.2
130	126.2	89.2	165.6
51	53.1	45.0	67.4





#25

Chloroform

Concen: 5.368 ug/L

RT: 5.071 min Scan# 1177

Delta R.T. -0.003 min

Lab File: VU063169.D

Acq: 05 Feb 2025 19:10

Instrument :

MSVOA_U

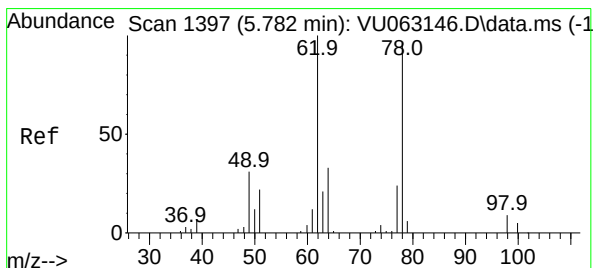
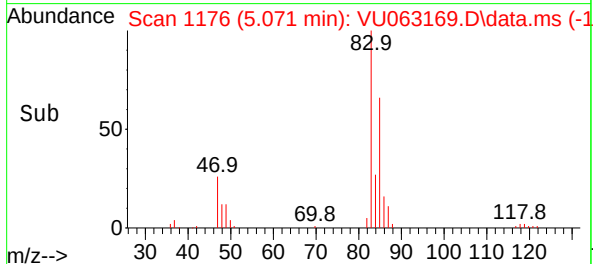
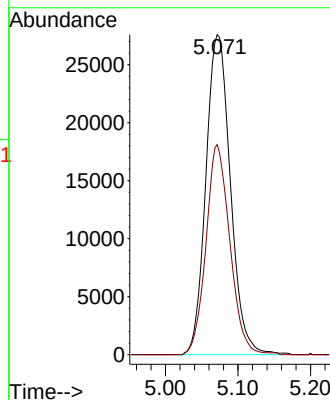
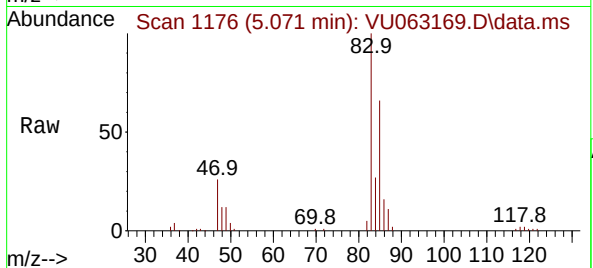
ClientSampleId :

Tgt Ion: 83 Resp: 64923

Ion Ratio Lower Upper

83 100

85 65.6 45.6 84.8



#27

1,2-Dichloroethane

Concen: 5.413 ug/L

RT: 5.779 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VU063169.D

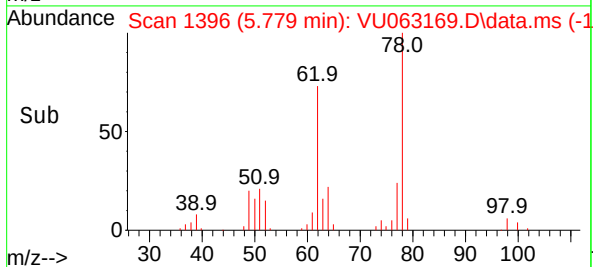
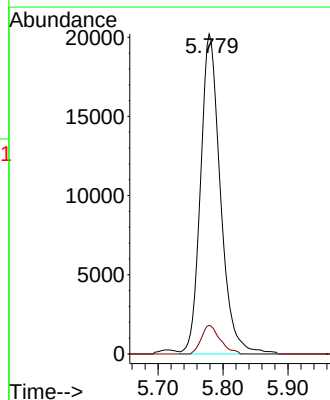
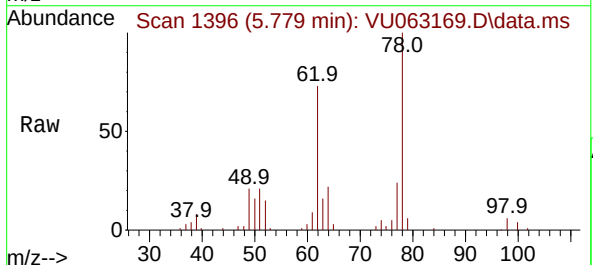
Acq: 05 Feb 2025 19:10

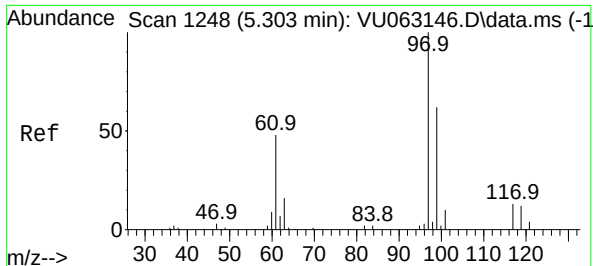
Tgt Ion: 62 Resp: 43133

Ion Ratio Lower Upper

62 100

98 8.9 7.2 10.8

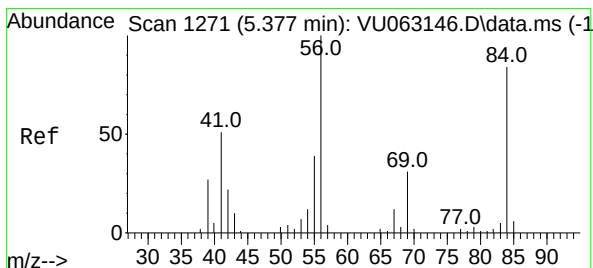
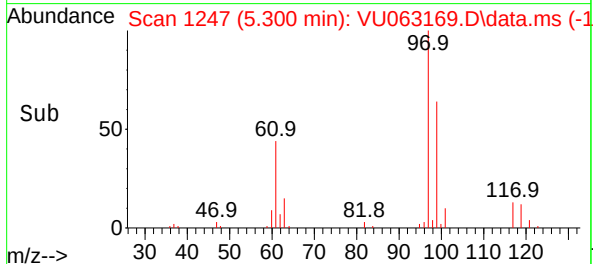
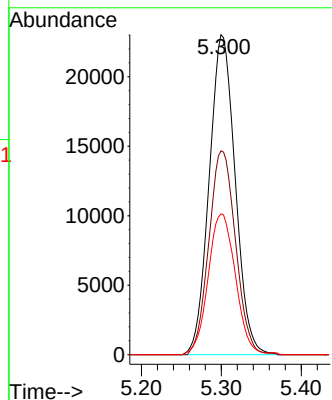
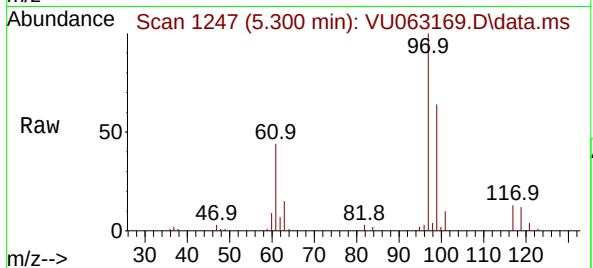




#29
1,1,1-Trichloroethane
Concen: 5.286 ug/L
RT: 5.300 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063169.D
Acq: 05 Feb 2025 19:10

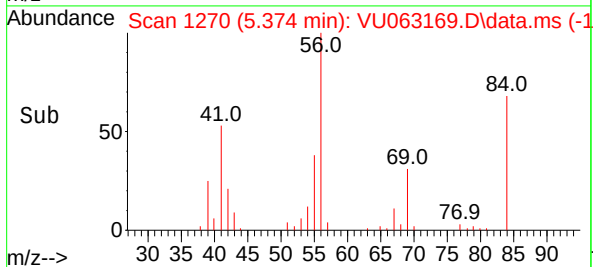
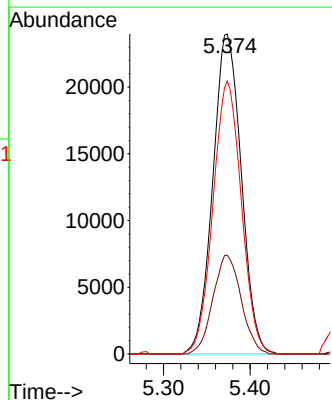
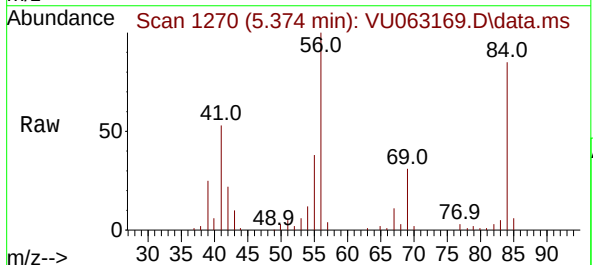
Instrument :
MSVOA_U
ClientSampleId :

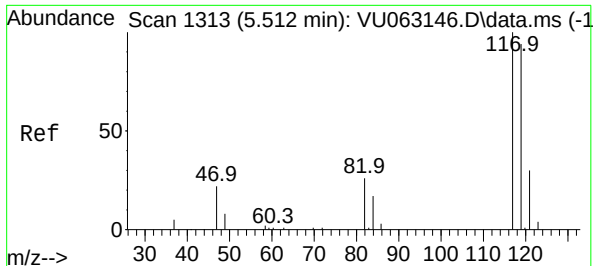
Tgt Ion: 97 Resp: 52020
Ion Ratio Lower Upper
97 100
99 65.4 51.5 77.3
61 46.1 38.5 57.7



#30
Cyclohexane
Concen: 5.251 ug/L
RT: 5.374 min Scan# 1270
Delta R.T. -0.003 min
Lab File: VU063169.D
Acq: 05 Feb 2025 19:10

Tgt Ion: 56 Resp: 54702
Ion Ratio Lower Upper
56 100
69 30.6 24.6 37.0
84 85.0 67.9 101.9

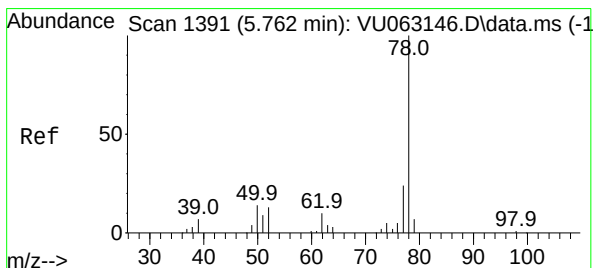
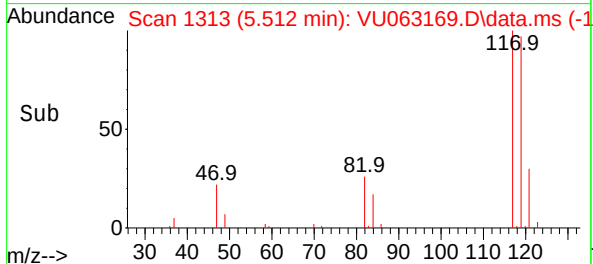
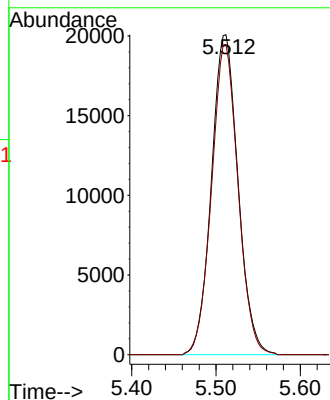
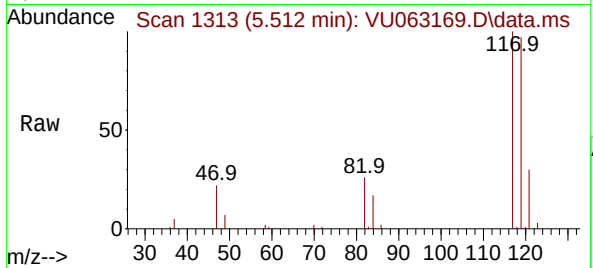




#31
Carbon tetrachloride
Concen: 5.308 ug/L
RT: 5.512 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VU063169.D
Acq: 05 Feb 2025 19:10

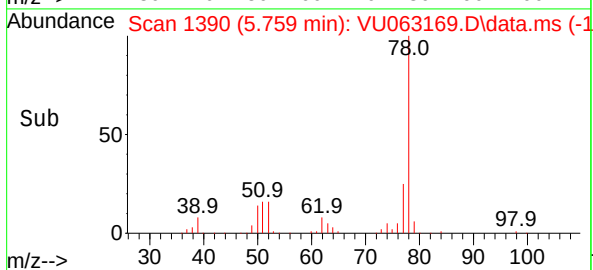
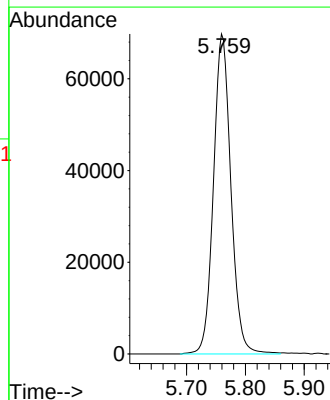
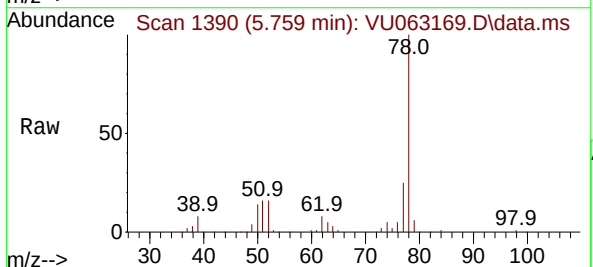
Instrument :
MSVOA_U
ClientSampleId :

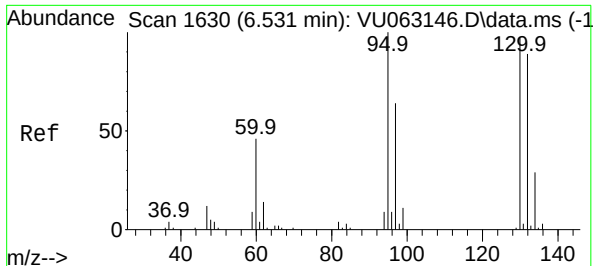
Tgt Ion:117 Resp: 44081
Ion Ratio Lower Upper
117 100
119 96.3 77.0 115.4



#33
Benzene
Concen: 5.254 ug/L
RT: 5.759 min Scan# 1390
Delta R.T. -0.003 min
Lab File: VU063169.D
Acq: 05 Feb 2025 19:10

Tgt Ion: 78 Resp: 143750





#34

Trichloroethene

Concen: 5.278 ug/L

RT: 6.528 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063169.D

Acq: 05 Feb 2025 19:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 36675

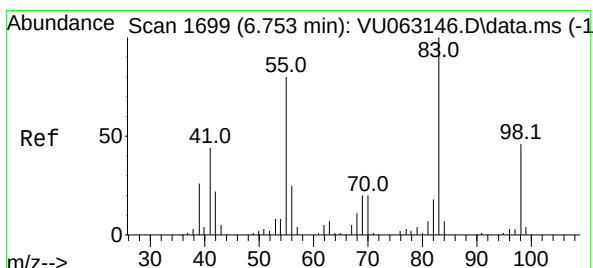
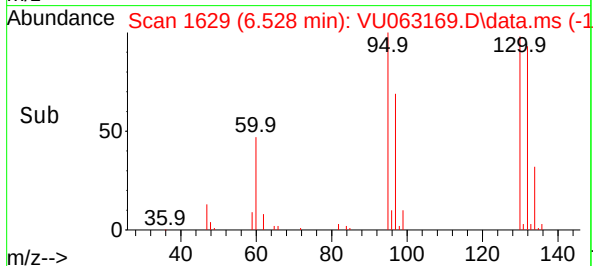
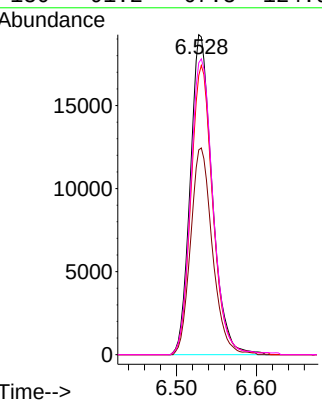
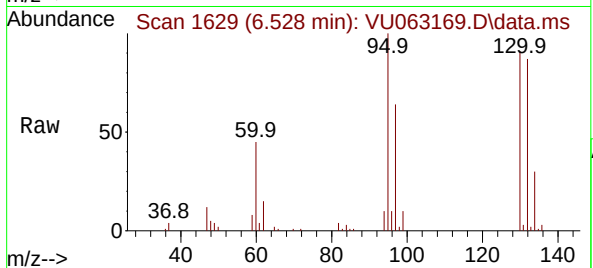
Ion Ratio Lower Upper

95 100

97 64.0 46.7 86.7

132 87.3 62.4 115.8

130 91.2 67.3 124.9



#35

Methylcyclohexane

Concen: 5.118 ug/L

RT: 6.750 min Scan# 1698

Delta R.T. -0.003 min

Lab File: VU063169.D

Acq: 05 Feb 2025 19:10

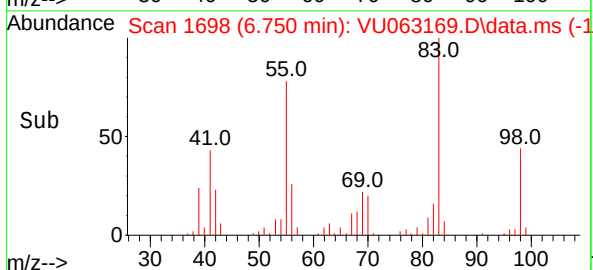
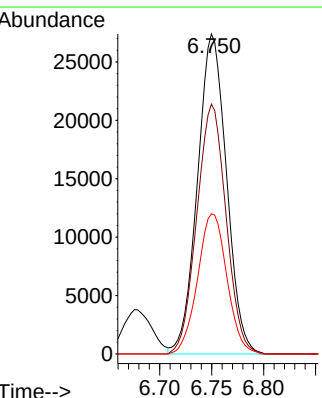
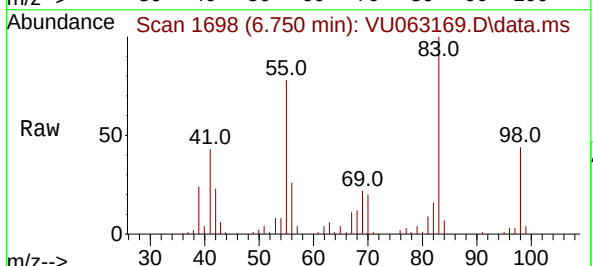
Tgt Ion: 83 Resp: 53287

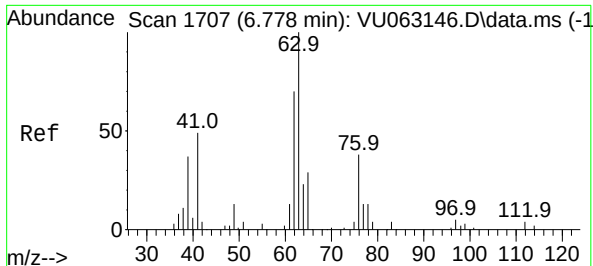
Ion Ratio Lower Upper

83 100

55 78.6 62.8 94.2

98 44.2 36.0 54.0





#37

1,2-Dichloropropane

Concen: 5.365 ug/L

RT: 6.779 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063169.D

Acq: 05 Feb 2025 19:10

Instrument :

MSVOA_U

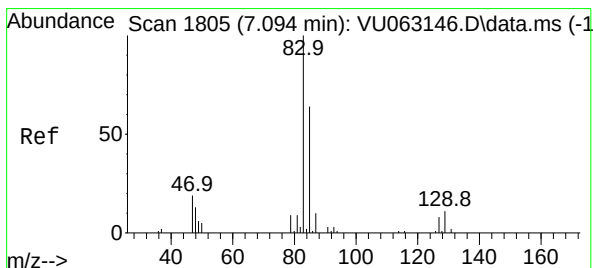
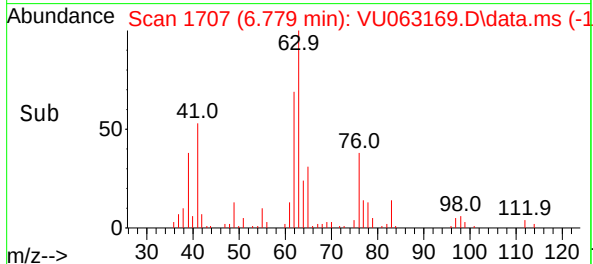
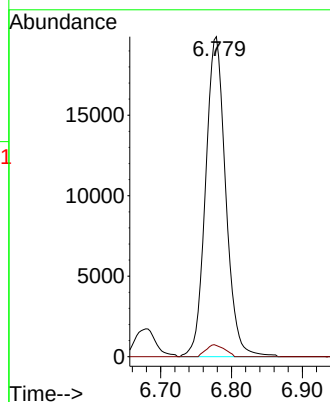
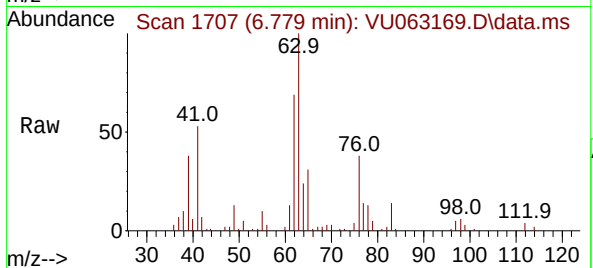
ClientSampleId :

Tgt Ion: 63 Resp: 39146

Ion Ratio Lower Upper

63 100

112 3.4 2.6 4.0



#38

Bromodichloromethane

Concen: 5.201 ug/L

RT: 7.094 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VU063169.D

Acq: 05 Feb 2025 19:10

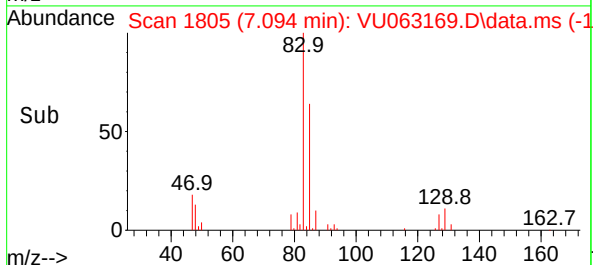
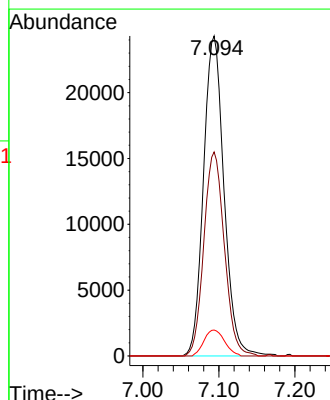
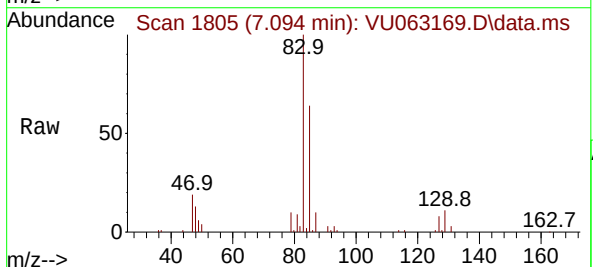
Tgt Ion: 83 Resp: 45578

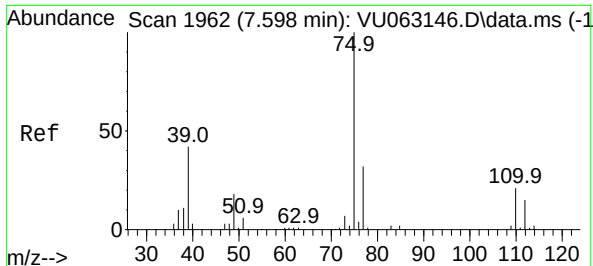
Ion Ratio Lower Upper

83 100

85 63.7 44.0 81.8

127 8.1 6.3 9.5

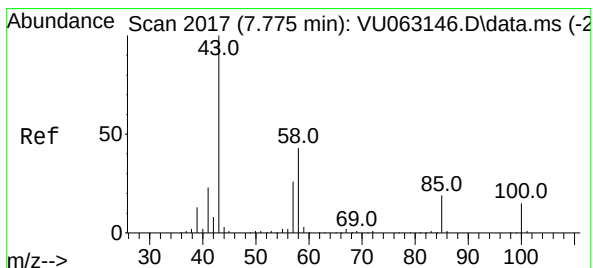
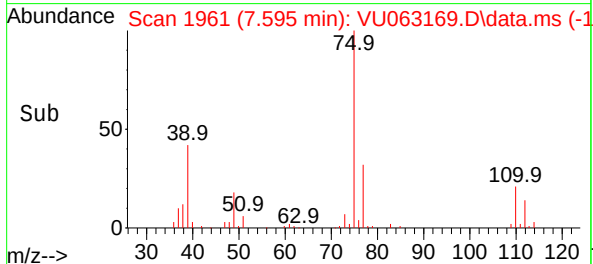
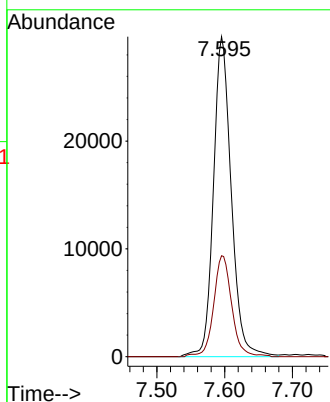
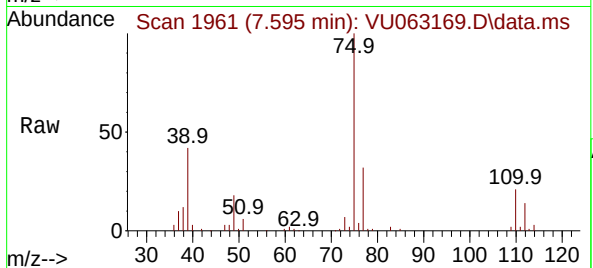




#39
cis-1,3-Dichloropropene
Concen: 5.215 ug/L
RT: 7.595 min Scan# 1962
Delta R.T. -0.003 min
Lab File: VU063169.D
Acq: 05 Feb 2025 19:10

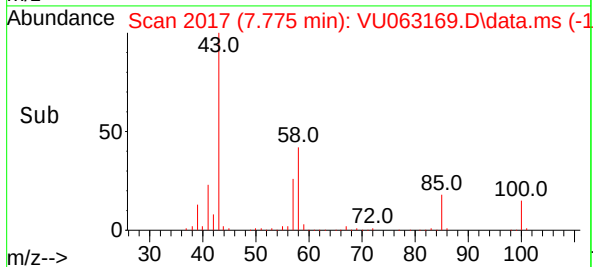
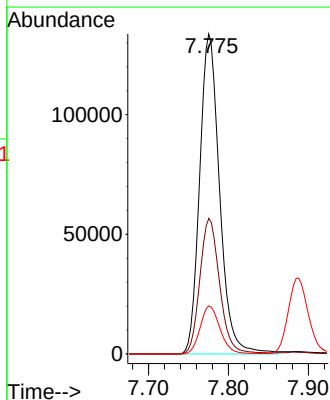
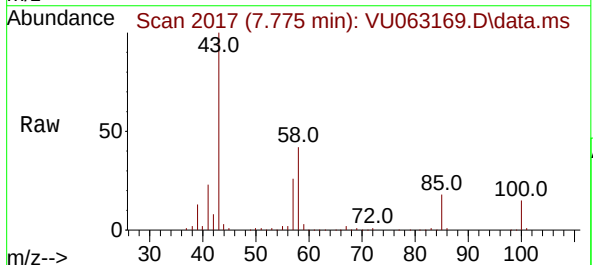
Instrument :
MSVOA_U
ClientSampleId :

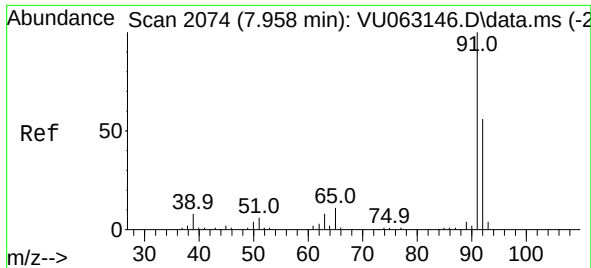
Tgt Ion: 75 Resp: 54270
Ion Ratio Lower Upper
75 100
77 31.5 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 53.937 ug/L
RT: 7.775 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VU063169.D
Acq: 05 Feb 2025 19:10

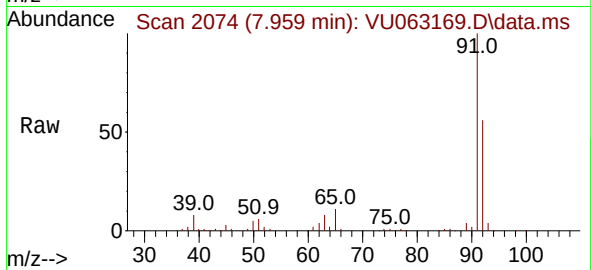
Tgt Ion: 43 Resp: 232317
Ion Ratio Lower Upper
43 100
58 42.1 33.7 50.5
100 15.0 12.1 18.1



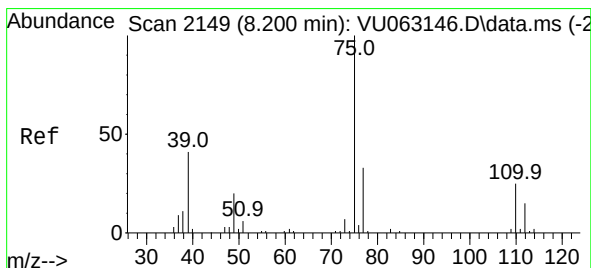
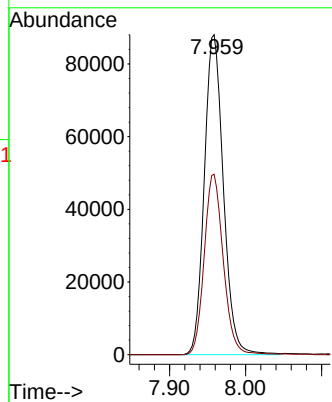
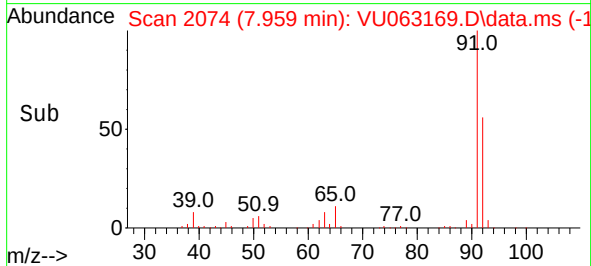


#42
Toluene
Concen: 5.371 ug/L
RT: 7.959 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VU063169.D
Acq: 05 Feb 2025 19:10

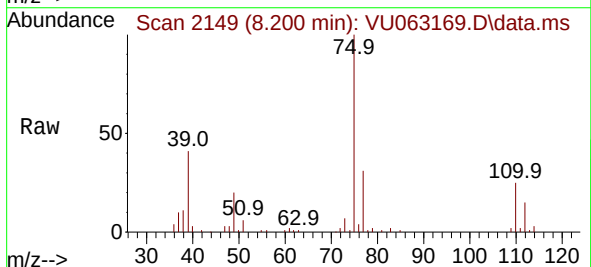
Instrument :
MSVOA_U
ClientSampleId :



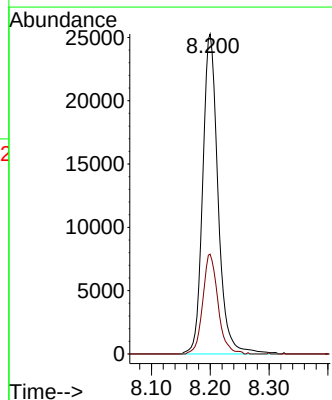
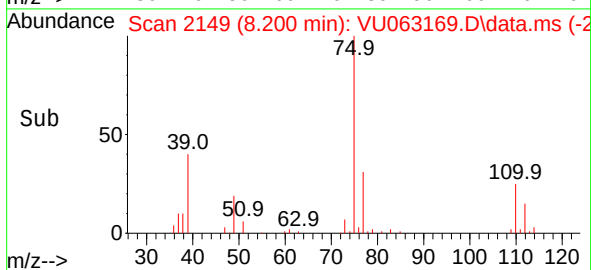
Tgt Ion: 91 Resp: 153606
Ion Ratio Lower Upper
91 100
92 56.4 39.5 73.4

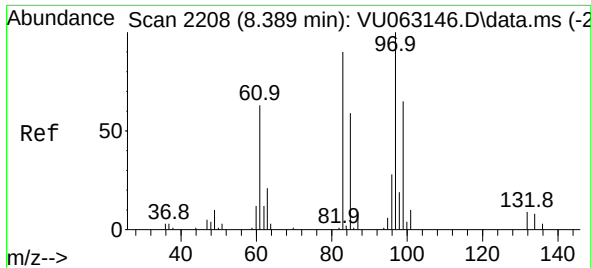


#44
trans-1,3-Dichloropropene
Concen: 5.255 ug/L
RT: 8.200 min Scan# 2149
Delta R.T. 0.000 min
Lab File: VU063169.D
Acq: 05 Feb 2025 19:10



Tgt Ion: 75 Resp: 45782
Ion Ratio Lower Upper
75 100
77 31.2 21.6 40.0

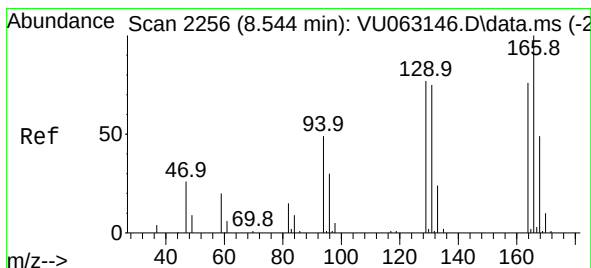
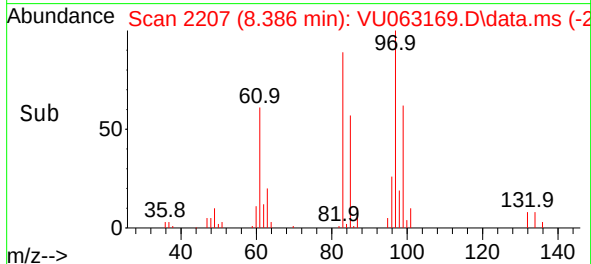
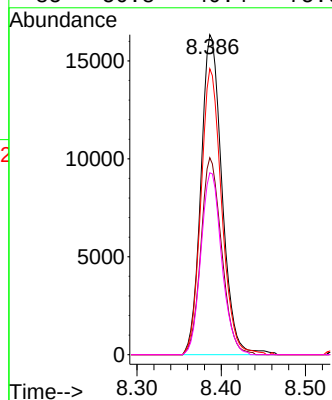
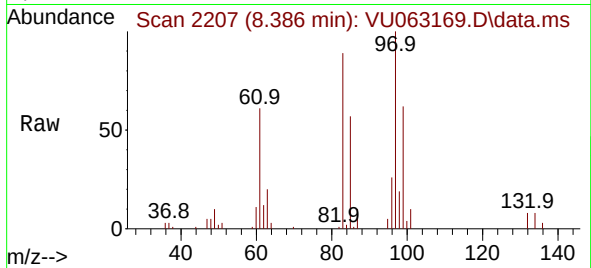




#45
1,1,2-Trichloroethane
Concen: 5.279 ug/L
RT: 8.386 min Scan# 2207
Delta R.T. -0.003 min
Lab File: VU063169.D
Acq: 05 Feb 2025 19:10

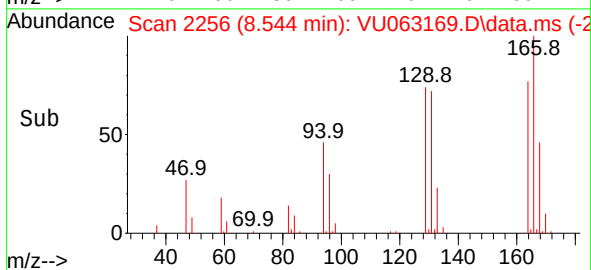
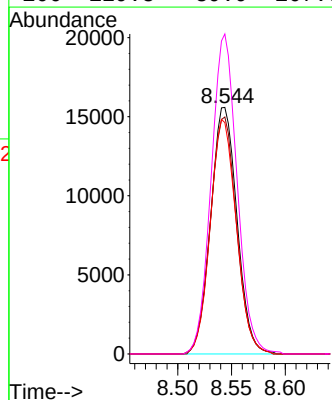
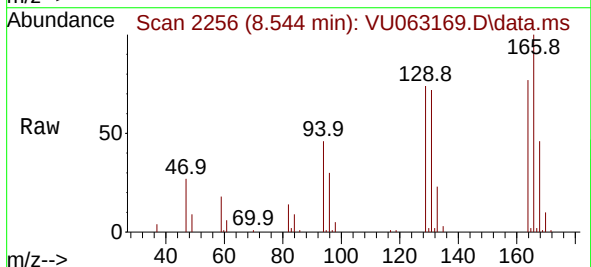
Instrument :
MSVOA_U
ClientSampleId :

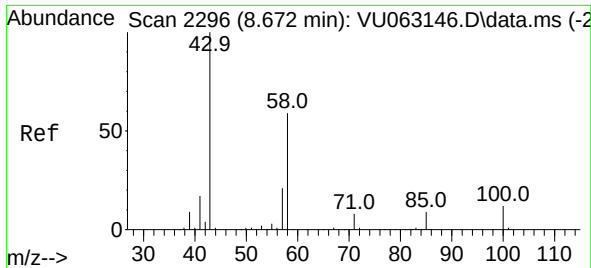
Tgt Ion:	97	Resp:	28452
Ion	Ratio	Lower	Upper
97	100		
99	61.5	42.2	78.4
83	89.3	62.9	116.9
85	56.8	40.4	75.0



#47
Tetrachloroethene
Concen: 5.448 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU063169.D
Acq: 05 Feb 2025 19:10

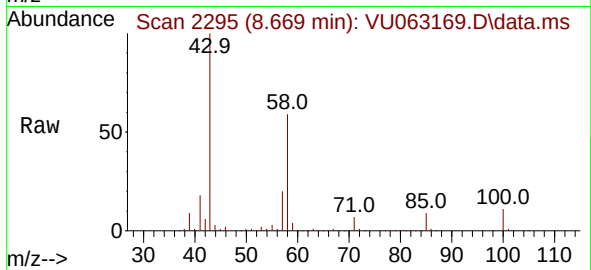
Tgt Ion:	164	Resp:	26589
Ion	Ratio	Lower	Upper
164	100		
129	96.1	68.6	127.4
131	93.8	66.5	123.5
166	129.8	89.9	167.0



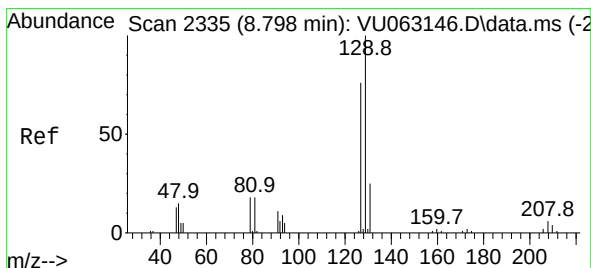
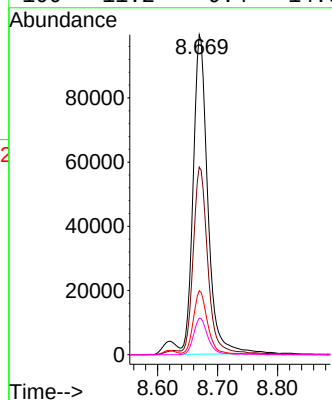
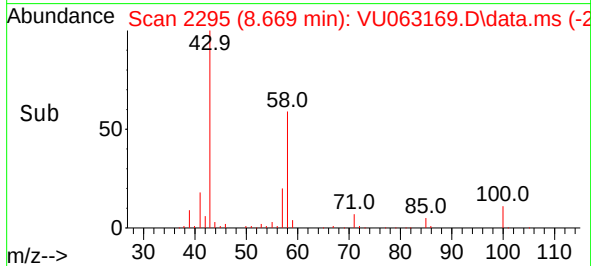


#48
2-Hexanone
Concen: 55.683 ug/L
RT: 8.669 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063169.D
Acq: 05 Feb 2025 19:10

Instrument :
MSVOA_U
ClientSampleId :

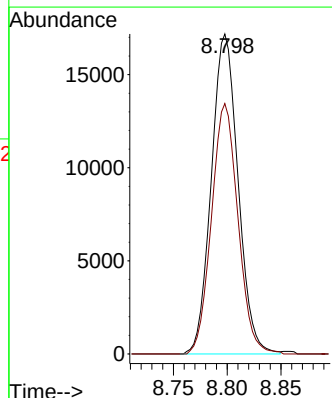
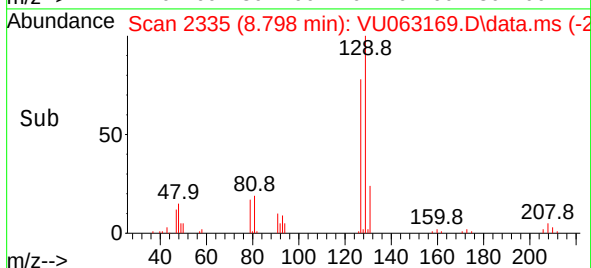
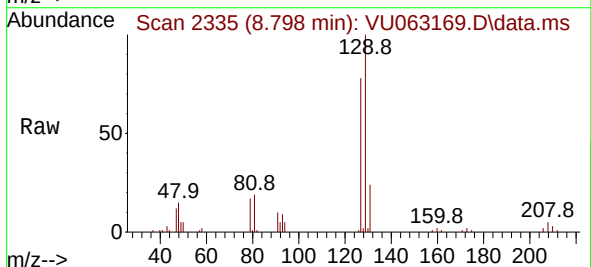


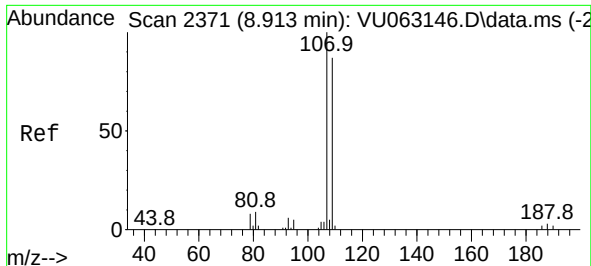
Tgt Ion: 43 Resp: 169204
Ion Ratio Lower Upper
43 100
58 57.3 45.8 68.8
57 19.3 15.7 23.5
100 11.2 9.4 14.0



#49
Dibromochloromethane
Concen: 5.236 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VU063169.D
Acq: 05 Feb 2025 19:10

Tgt Ion:129 Resp: 29704
Ion Ratio Lower Upper
129 100
127 78.3 53.8 99.8





#50

1,2-Dibromoethane

Concen: 5.297 ug/L

RT: 8.914 min Scan# 2371

Delta R.T. 0.000 min

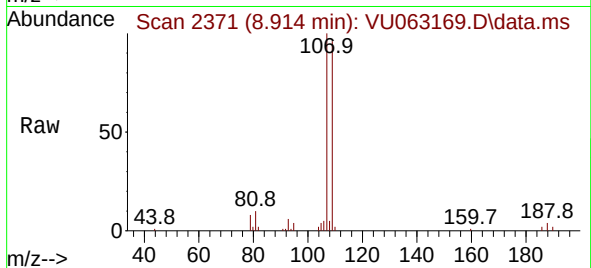
Lab File: VU063169.D

Acq: 05 Feb 2025 19:10

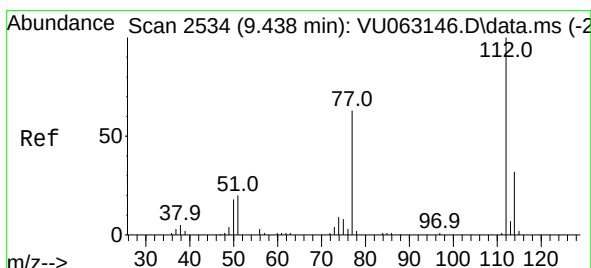
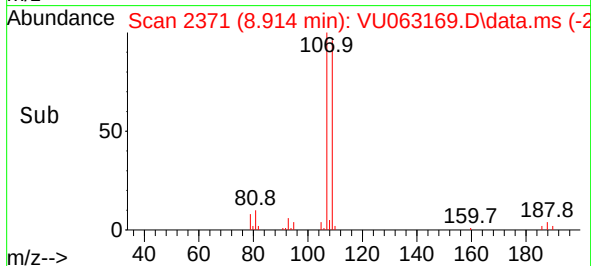
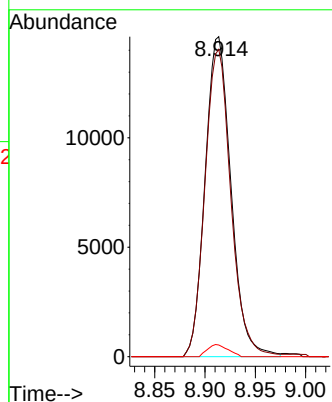
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	26185
Ion	Ratio	Lower	Upper
107	100		
109	96.0	67.6	125.6
188	3.7	2.6	3.8



#51

Chlorobenzene

Concen: 5.263 ug/L

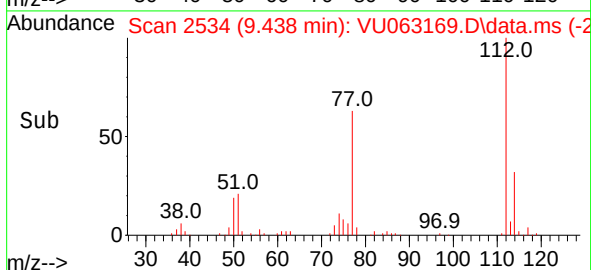
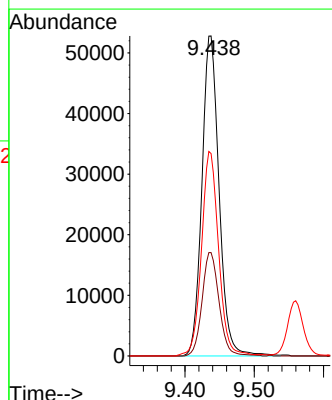
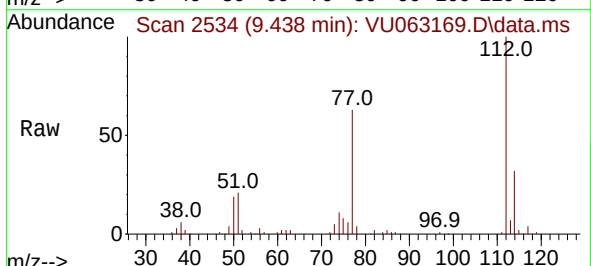
RT: 9.438 min Scan# 2534

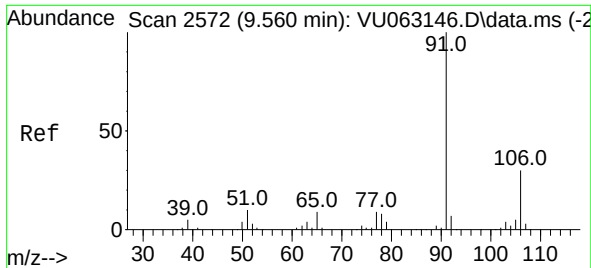
Delta R.T. 0.000 min

Lab File: VU063169.D

Acq: 05 Feb 2025 19:10

Tgt Ion:	112	Resp:	90851
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.6	42.0
77	63.2	50.8	76.2

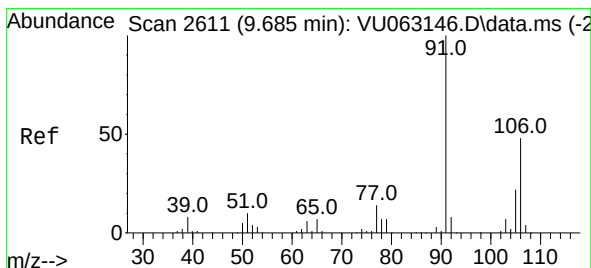
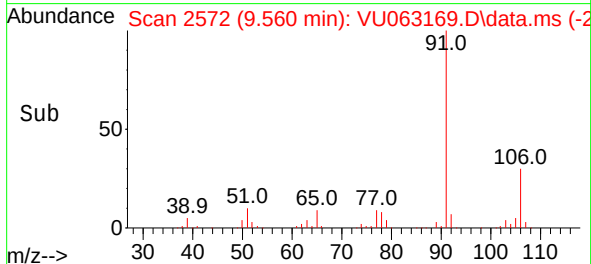
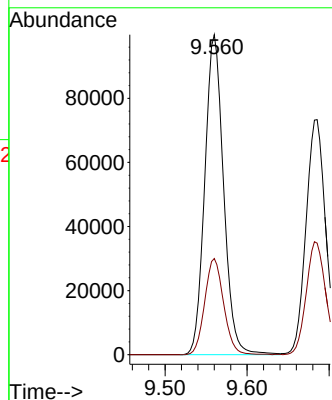
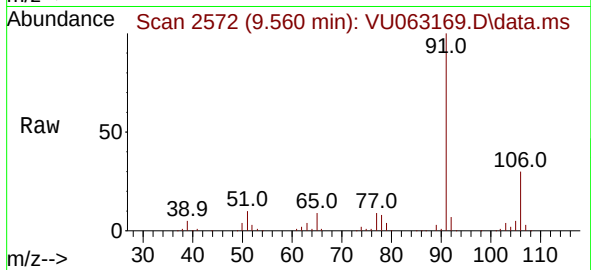




#52
Ethylbenzene
Concen: 5.309 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. 0.000 min
Lab File: VU063169.D
Acq: 05 Feb 2025 19:10

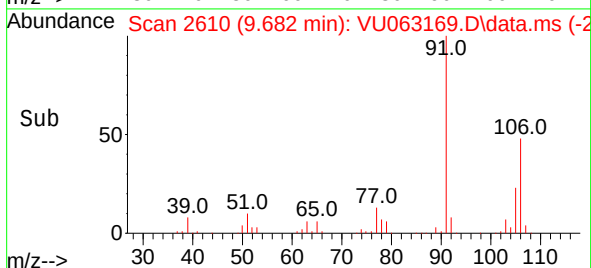
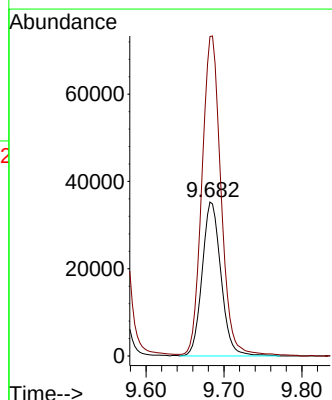
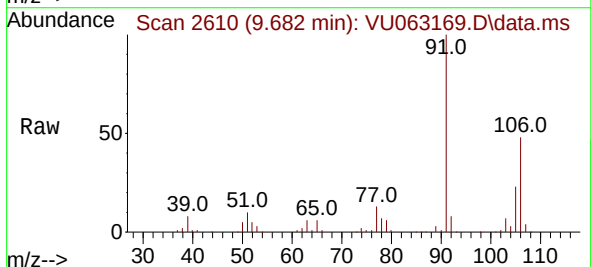
Instrument :
MSVOA_U
ClientSampleId :

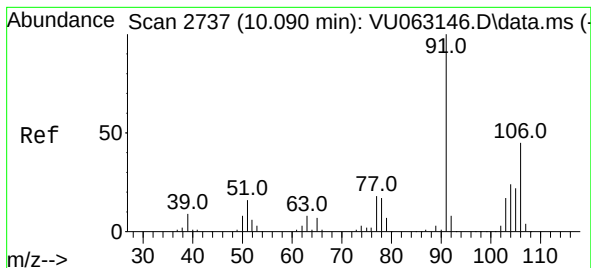
Tgt Ion: 91 Resp: 158811
Ion Ratio Lower Upper
91 100
106 30.0 21.3 39.6



#53
m,p-Xylene
Concen: 5.496 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. -0.003 min
Lab File: VU063169.D
Acq: 05 Feb 2025 19:10

Tgt Ion:106 Resp: 59301
Ion Ratio Lower Upper
106 100
91 207.5 147.3 273.6





#54

o-Xylene

Concen: 5.444 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. 0.000 min

Lab File: VU063169.D

Acq: 05 Feb 2025 19:10

Instrument :

MSVOA_U

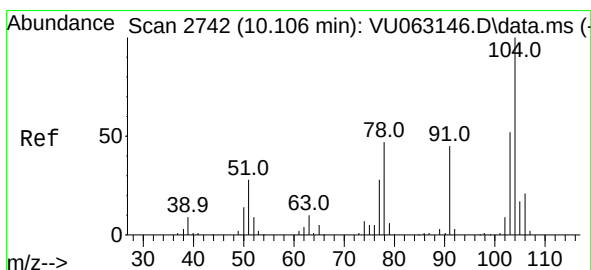
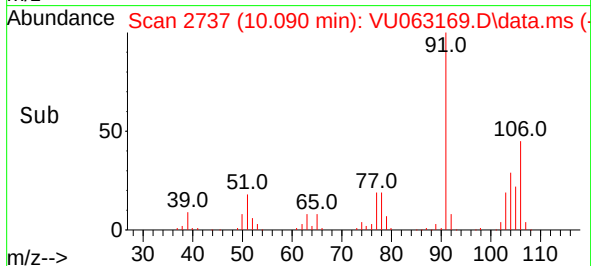
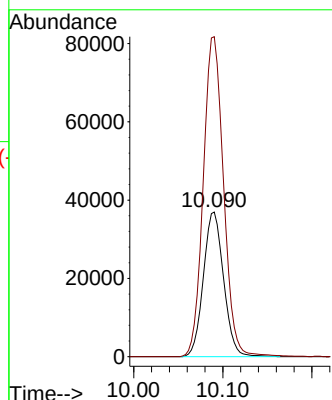
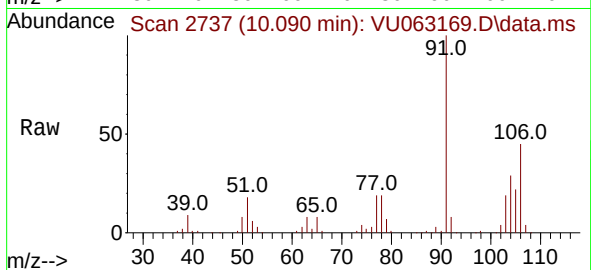
ClientSampleId :

Tgt Ion:106 Resp: 58247

Ion Ratio Lower Upper

106 100

91 221.3 155.4 288.6



#55

Styrene

Concen: 5.437 ug/L

RT: 10.103 min Scan# 2741

Delta R.T. -0.003 min

Lab File: VU063169.D

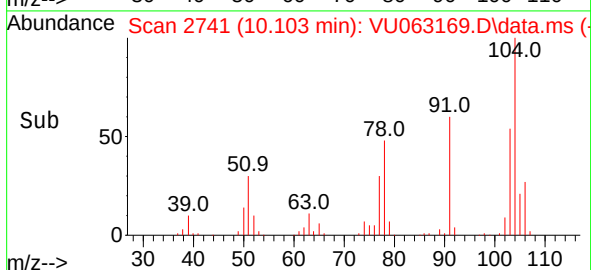
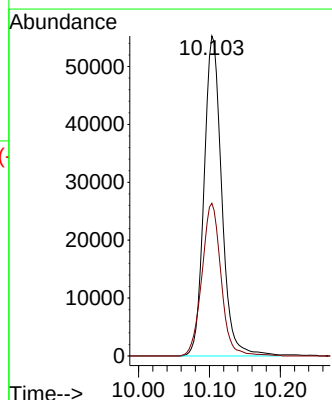
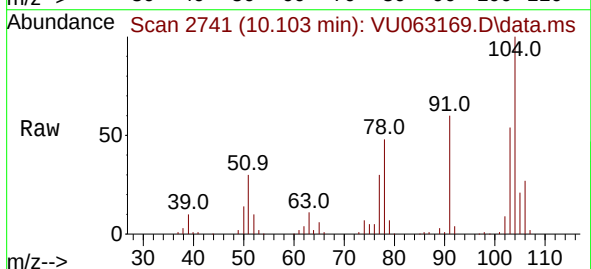
Acq: 05 Feb 2025 19:10

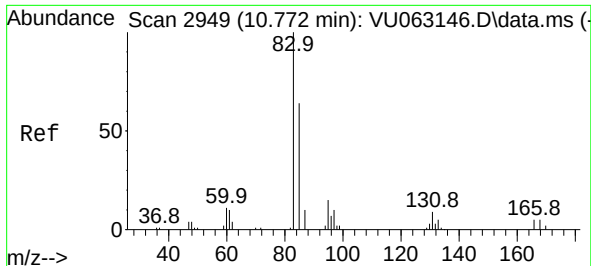
Tgt Ion:104 Resp: 95760

Ion Ratio Lower Upper

104 100

78 47.7 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.400 ug/L

RT: 10.769 min Scan# 2948

Delta R.T. -0.003 min

Lab File: VU063169.D

Acq: 05 Feb 2025 19:10

Instrument :

MSVOA_U

ClientSampleId :

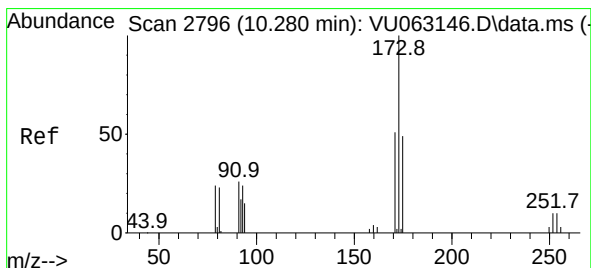
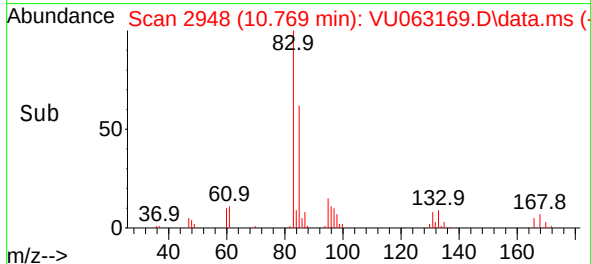
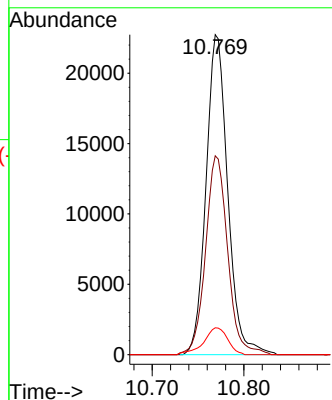
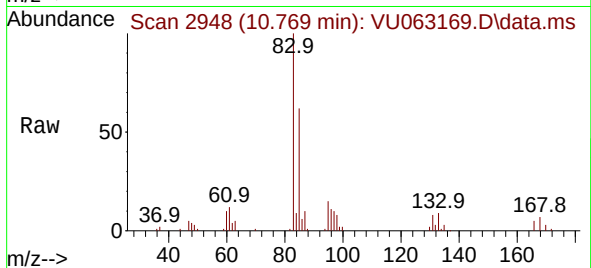
Tgt Ion: 83 Resp: 37353

Ion Ratio Lower Upper

83 100

85 62.1 45.6 84.8

131 8.4 7.4 11.0



#59

Bromoform

Concen: 5.202 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. 0.000 min

Lab File: VU063169.D

Acq: 05 Feb 2025 19:10

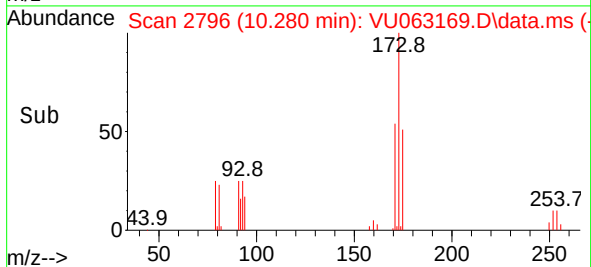
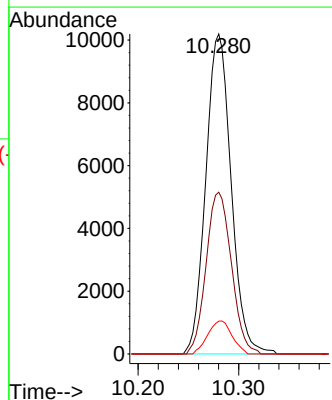
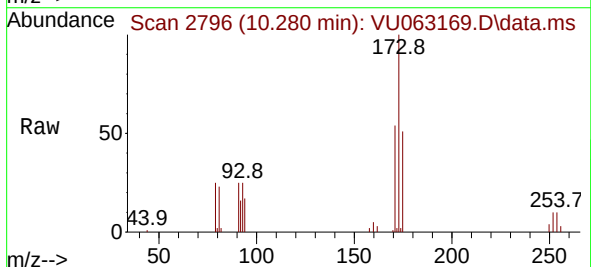
Tgt Ion:173 Resp: 17845

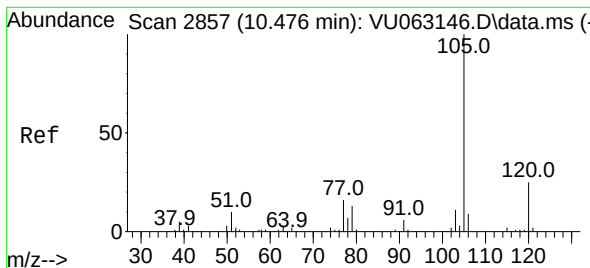
Ion Ratio Lower Upper

173 100

175 50.4 37.7 56.5

254 9.8 7.9 11.9





#60

Isopropylbenzene

Concen: 5.429 ug/L

RT: 10.473 min Scan# 2857

Delta R.T. -0.003 min

Lab File: VU063169.D

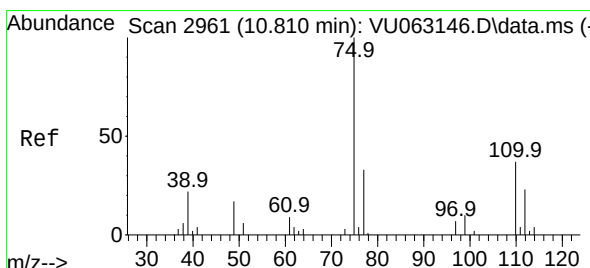
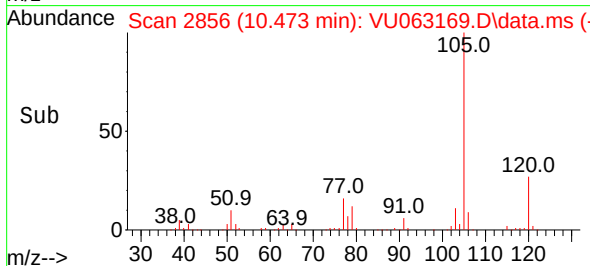
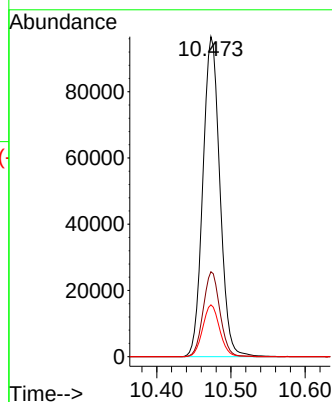
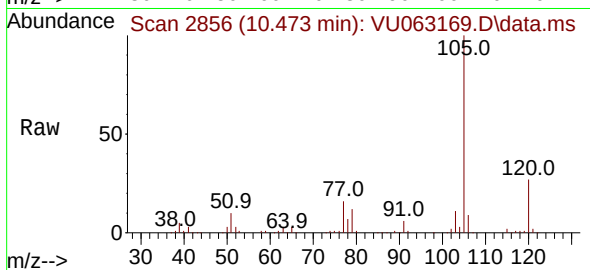
Acq: 05 Feb 2025 19:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	153403
Ion Ratio	Lower	Upper	
105	100		
120	26.2	20.8	31.2
77	16.2	13.3	19.9



#61

1,2,3-Trichloropropane

Concen: 5.199 ug/L

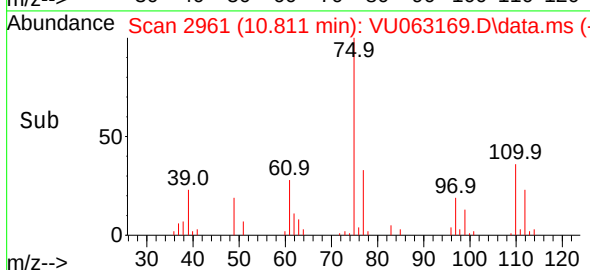
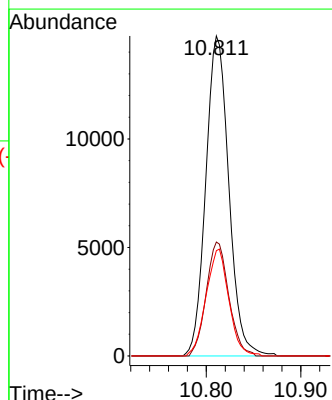
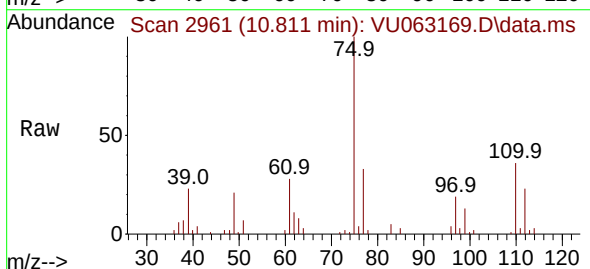
RT: 10.811 min Scan# 2961

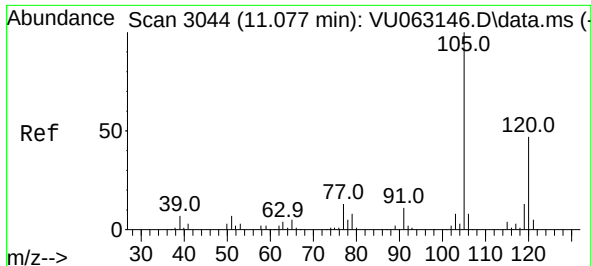
Delta R.T. 0.000 min

Lab File: VU063169.D

Acq: 05 Feb 2025 19:10

Tgt Ion:	75	Resp:	24965
Ion Ratio	Lower	Upper	
75	100		
110	34.9	27.4	41.0
77	33.0	26.3	39.5





#62

1,3,5-Trimethylbenzene

Concen: 5.390 ug/L

RT: 11.077 min Scan# 3044

Delta R.T. 0.000 min

Lab File: VU063169.D

Acq: 05 Feb 2025 19:10

Instrument :

MSVOA_U

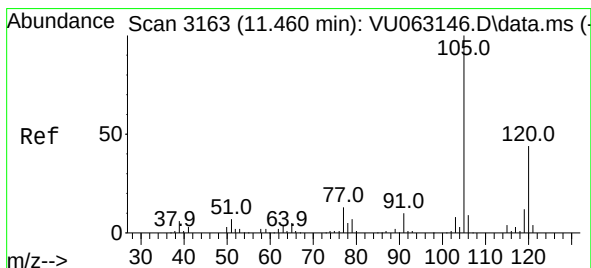
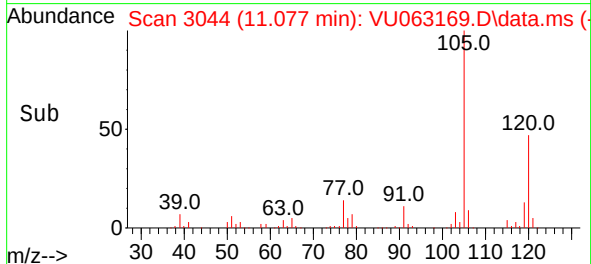
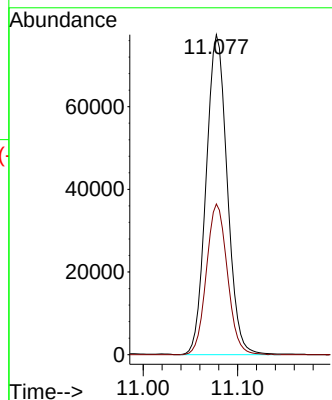
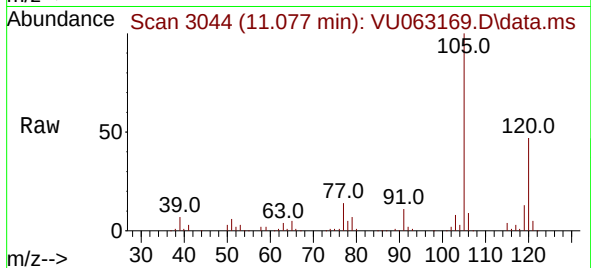
ClientSampleId :

Tgt Ion:105 Resp: 120142

Ion Ratio Lower Upper

105 100

120 46.8 37.8 56.8



#63

1,2,4-Trimethylbenzene

Concen: 5.533 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. -0.003 min

Lab File: VU063169.D

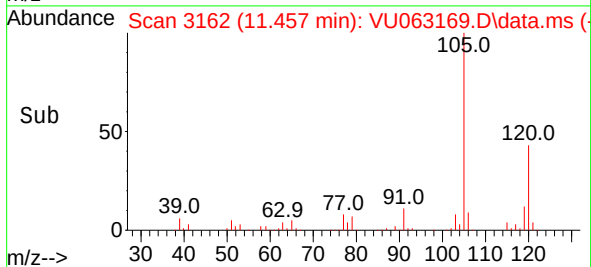
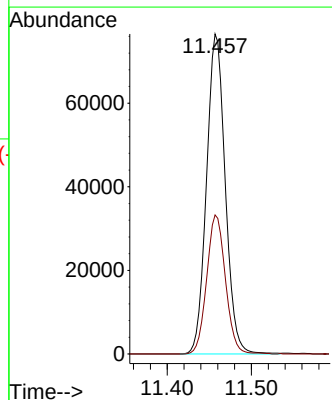
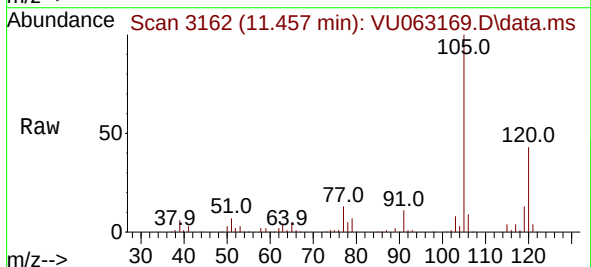
Acq: 05 Feb 2025 19:10

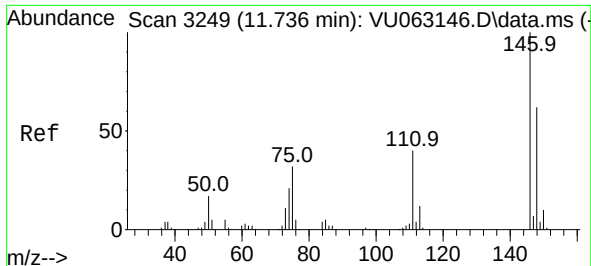
Tgt Ion:105 Resp: 118600

Ion Ratio Lower Upper

105 100

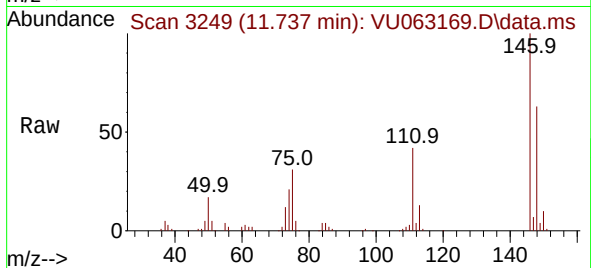
120 43.5 34.7 52.1



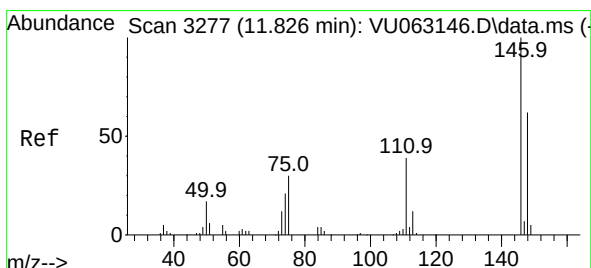
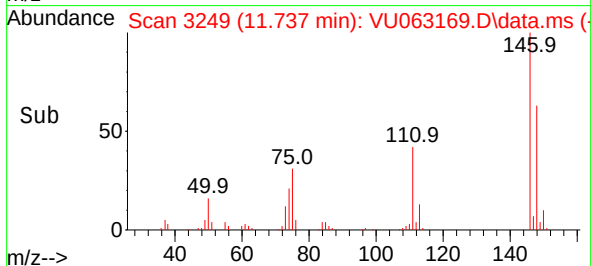
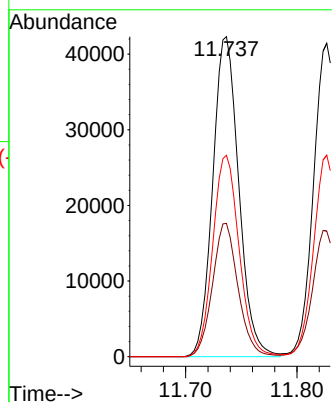


#64
1,3-Dichlorobenzene
Concen: 5.373 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU063169.D
Acq: 05 Feb 2025 19:10

Instrument :
MSVOA_U
ClientSampleId :

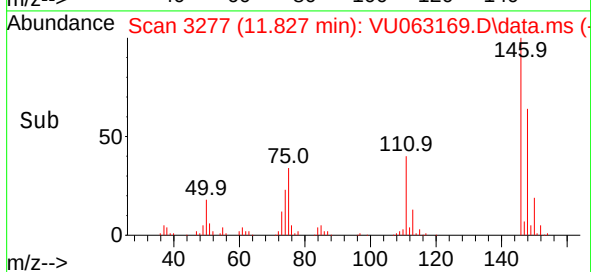
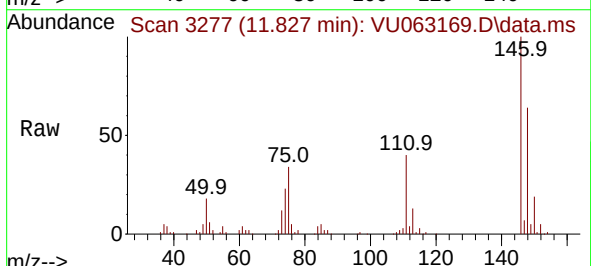
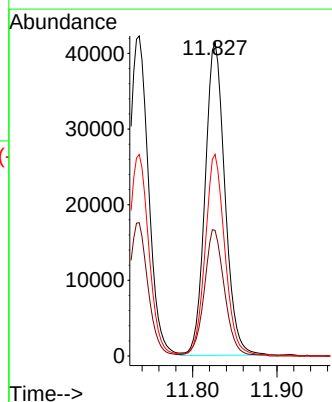


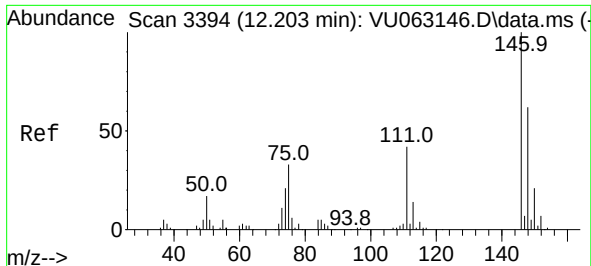
Tgt Ion:146 Resp: 68789
Ion Ratio Lower Upper
146 100
111 41.6 27.9 51.7
148 63.0 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 5.267 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU063169.D
Acq: 05 Feb 2025 19:10

Tgt Ion:146 Resp: 67800
Ion Ratio Lower Upper
146 100
111 40.1 28.5 52.9
148 64.3 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 5.505 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU063169.D

Acq: 05 Feb 2025 19:10

Instrument :

MSVOA_U

ClientSampleId :

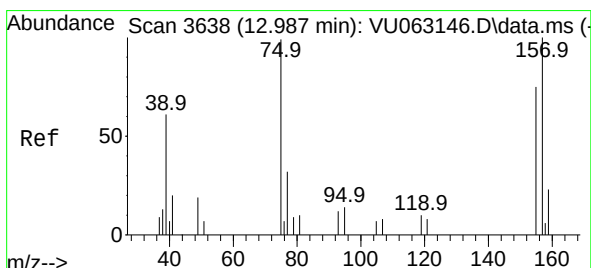
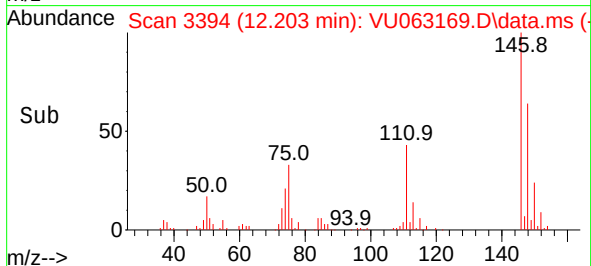
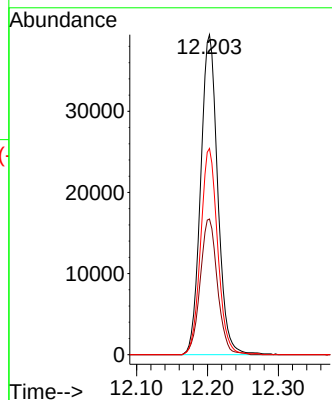
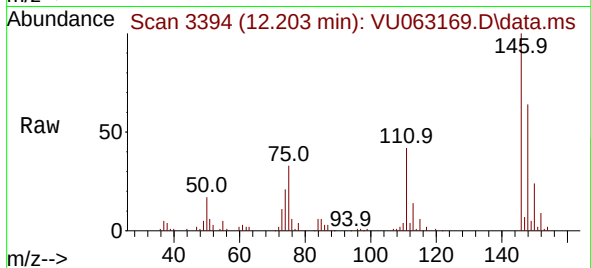
Tgt Ion:146 Resp: 65862

Ion Ratio Lower Upper

146 100

111 42.4 34.1 51.1

148 64.4 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.591 ug/L

RT: 12.984 min Scan# 3637

Delta R.T. -0.003 min

Lab File: VU063169.D

Acq: 05 Feb 2025 19:10

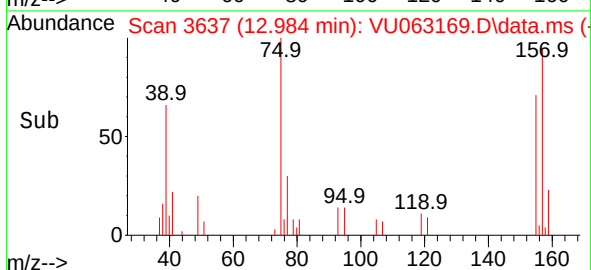
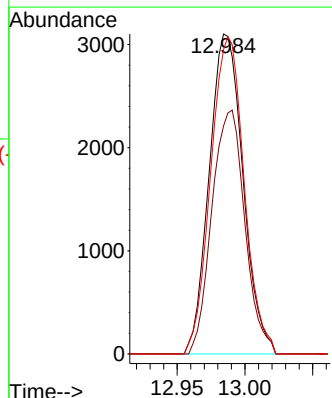
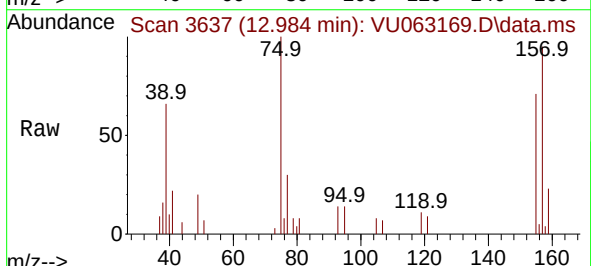
Tgt Ion: 75 Resp: 5371

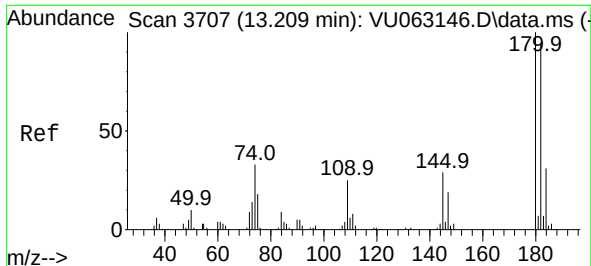
Ion Ratio Lower Upper

75 100

155 71.3 61.6 92.4

157 95.0 77.4 116.0





#69

1,3,5-Trichlorobenzene

Concen: 5.370 ug/L

RT: 13.209 min Scan# 3707

Delta R.T. 0.000 min

Lab File: VU063169.D

Acq: 05 Feb 2025 19:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 46972

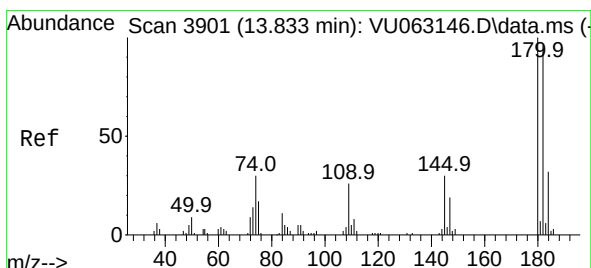
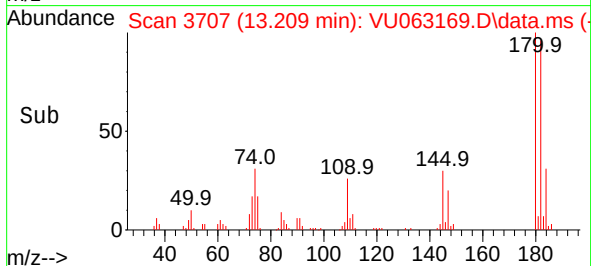
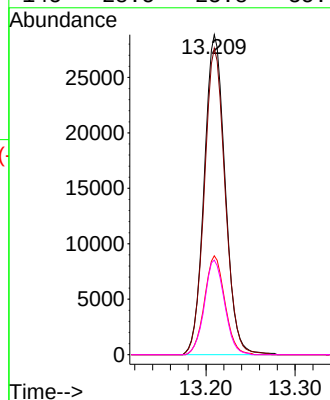
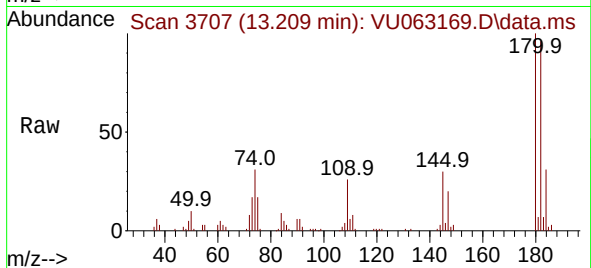
Ion Ratio Lower Upper

180 100

182 95.4 76.7 115.1

184 30.1 23.8 35.8

145 28.5 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 5.430 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.003 min

Lab File: VU063169.D

Acq: 05 Feb 2025 19:10

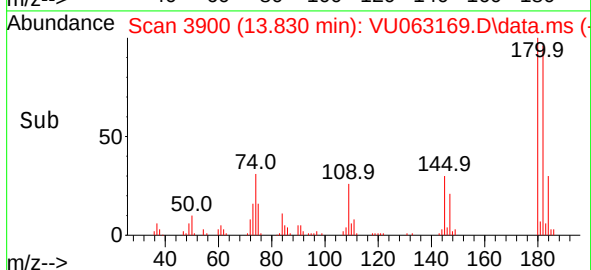
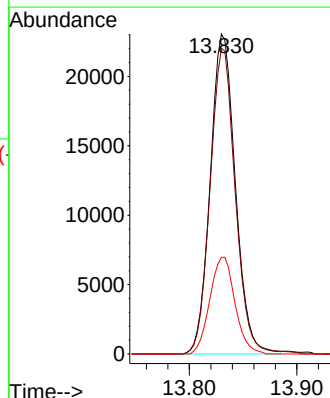
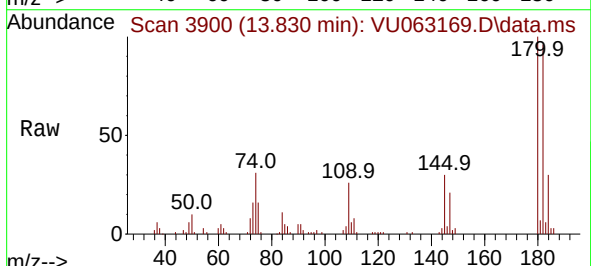
Tgt Ion:180 Resp: 37369

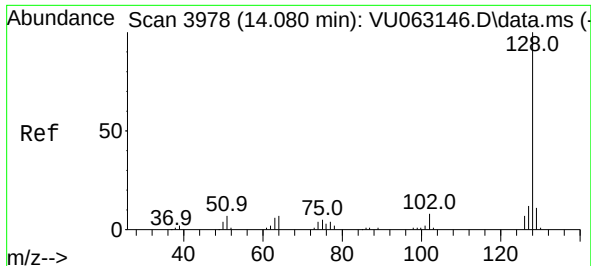
Ion Ratio Lower Upper

180 100

182 95.6 76.1 114.1

145 30.2 24.3 36.5

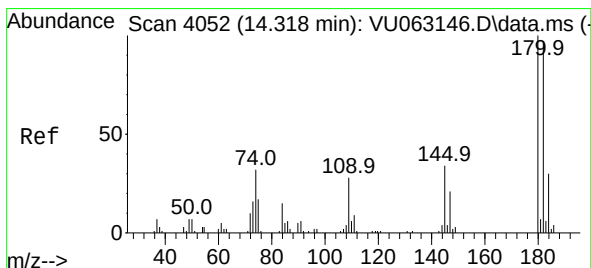
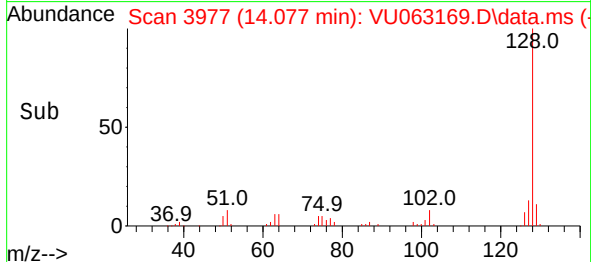
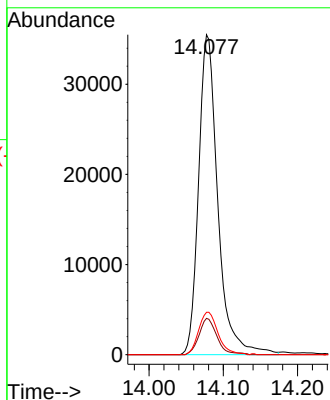
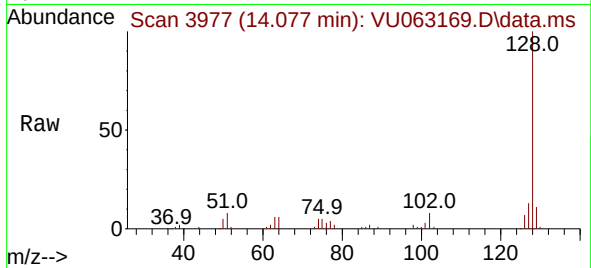




#71
Naphthalene
Concen: 5.657 ug/L
RT: 14.077 min Scan# 3978
Delta R.T. -0.003 min
Lab File: VU063169.D
Acq: 05 Feb 2025 19:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 63894
Ion Ratio Lower Upper
128 100
129 10.6 8.0 12.0
127 13.4 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.775 ug/L
RT: 14.319 min Scan# 4052
Delta R.T. 0.000 min
Lab File: VU063169.D
Acq: 05 Feb 2025 19:10

Tgt Ion:180 Resp: 35510
Ion Ratio Lower Upper
180 100
182 94.7 78.5 117.7
145 32.0 26.1 39.1

