

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
 Data File : VU063005.D
 Acq On : 24 Jan 2025 20:09
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 20:38:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 24 19:02:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	86499	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	82088	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	44214	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	16881	3.524	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.904	69	12827	3.328	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.600%
11) 1,1-Dichloroethene-d2	2.557	65	9187	3.702	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	4.605	46	44395	45.342	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.680%
24) Chloroform-d	5.049	84	53332	4.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.689	65	29701	4.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.714	84	85187	4.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.676	67	23877	4.292	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.888	98	82122	4.201	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	8.171	79	12976	4.679	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.618	63	35740	40.976	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.960%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	21407	4.594	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	33241	4.519	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	37346	4.532	ug/L	100
3) Chloromethane	1.515	50	21941	3.968	ug/L	97
5) Vinyl chloride	1.599	62	24991	4.013	ug/L	89
6) Bromomethane	1.846	94	8215	1.813	ug/L	99
8) Chloroethane	1.924	64	14514	3.880	ug/L	99
9) Trichlorofluoromethane	2.129	101	52147	4.151	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	27875	4.593	ug/L	96
12) 1,1-Dichloroethene	2.570	96	24259	4.518	ug/L	93
13) Acetone	2.612	43	34859	44.942	ug/L	98
14) Carbon disulfide	2.782	76	72166	4.208	ug/L	97
15) Methyl Acetate	2.936	43	7959	4.739	ug/L	96
16) Methylene chloride	3.033	84	27160	4.617	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	74682	5.061	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	26835	4.665	ug/L	95
19) 1,1-Dichloroethane	3.853	63	48750	4.740	ug/L	94
21) 2-Butanone	4.682	43	49245	47.672	ug/L	98
22) cis-1,2-Dichloroethene	4.650	96	31074	4.960	ug/L	97
23) Bromochloromethane	4.959	128	14863	5.026	ug/L	92
25) Chloroform	5.071	83	61291	4.842	ug/L	98

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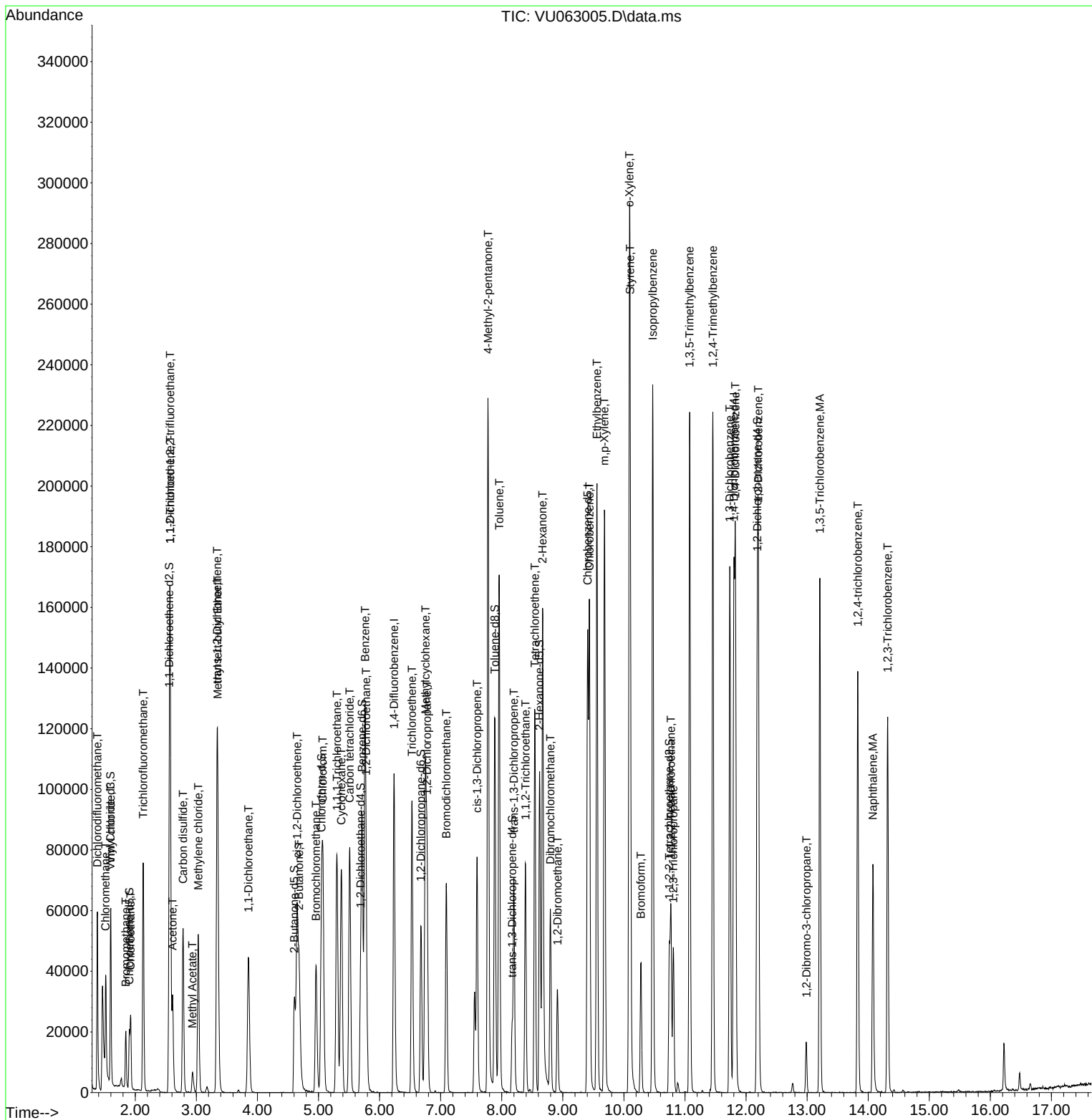
Instrument :
 MSVOA_U
 ClientSampleId :

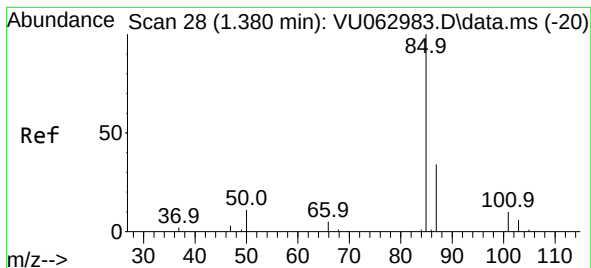
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	42396	5.122	ug/L	97
29) 1,1,1-Trichloroethane	5.303	97	62810	5.044	ug/L	98
30) Cyclohexane	5.374	56	34892	4.291	ug/L	93
31) Carbon tetrachloride	5.512	117	58679	5.128	ug/L	98
33) Benzene	5.763	78	107762	4.569	ug/L	100
34) Trichloroethene	6.531	95	33080	4.106	ug/L	99
35) Methylcyclohexane	6.753	83	42879	4.325	ug/L	96
37) 1,2-Dichloropropane	6.779	63	25776	4.633	ug/L	98
38) Bromodichloromethane	7.094	83	45047	5.035	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	46049	4.861	ug/L	100
40) 4-Methyl-2-pentanone	7.775	43	127256	48.965	ug/L	99
42) Toluene	7.959	91	124672	4.824	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	40251	4.929	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	22338	4.944	ug/L	94
47) Tetrachloroethene	8.544	164	28104	5.065	ug/L	94
48) 2-Hexanone	8.669	43	88672	47.458	ug/L	98
49) Dibromochloromethane	8.798	129	31177	5.139	ug/L	99
50) 1,2-Dibromoethane	8.914	107	22575	5.222	ug/L	96
51) Chlorobenzene	9.438	112	83403	4.935	ug/L	99
52) Ethylbenzene	9.560	91	142559	4.861	ug/L	99
53) m,p-Xylene	9.682	106	53420	4.870	ug/L	96
54) o-Xylene	10.090	106	51984	4.948	ug/L	97
55) Styrene	10.103	104	88484	5.035	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.769	83	27014	5.329	ug/L #	94
59) Bromoform	10.277	173	19260	4.994	ug/L	98
60) Isopropylbenzene	10.473	105	149907	4.920	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	19385	4.943	ug/L	95
62) 1,3,5-Trimethylbenzene	11.077	105	129539	5.002	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	127066	5.072	ug/L	98
64) 1,3-Dichlorobenzene	11.733	146	70740	5.008	ug/L	97
65) 1,4-Dichlorobenzene	11.827	146	70775	4.969	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	65988	4.985	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	5088	5.008	ug/L	89
69) 1,3,5-Trichlorobenzene	13.209	180	54619	5.134	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	44679	5.215	ug/L	96
71) Naphthalene	14.077	128	65538	5.228	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	38372	5.138	ug/L	94

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

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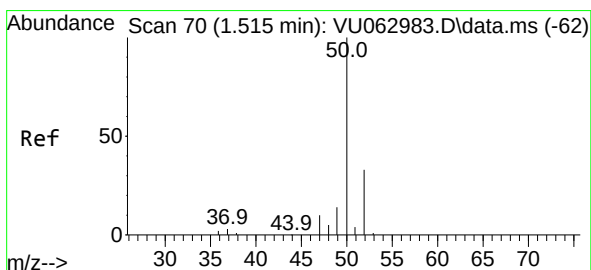
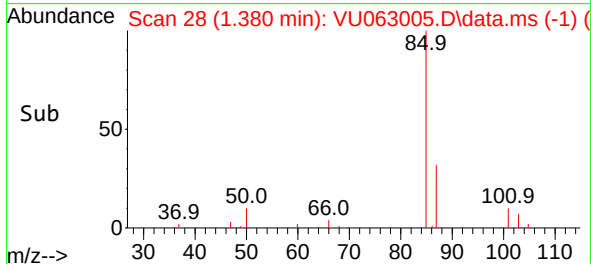
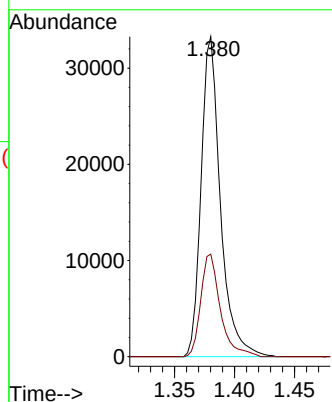
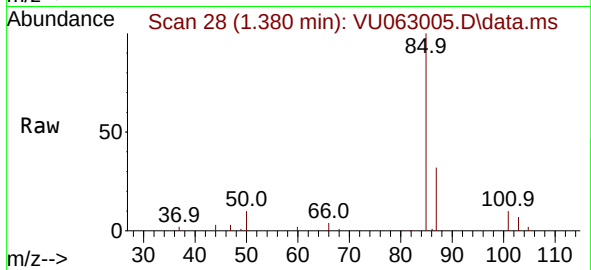




#2
Dichlorodifluoromethane
Concen: 4.532 ug/L
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063005.D
Acq: 24 Jan 2025 20:09

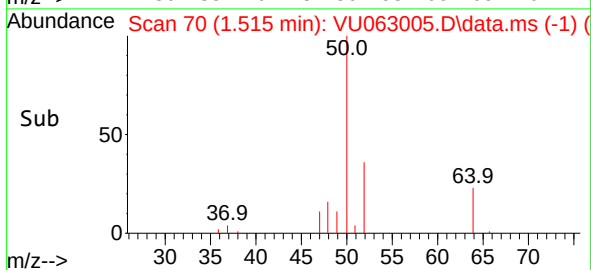
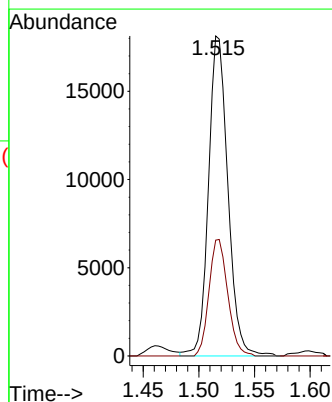
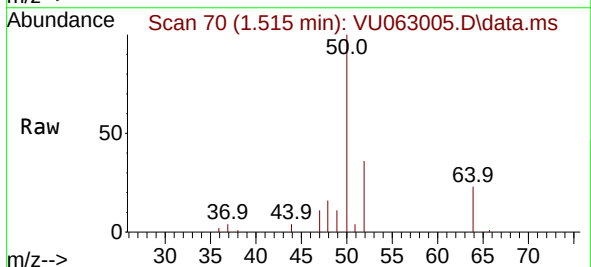
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MSVOA_U
ClientSampleId :

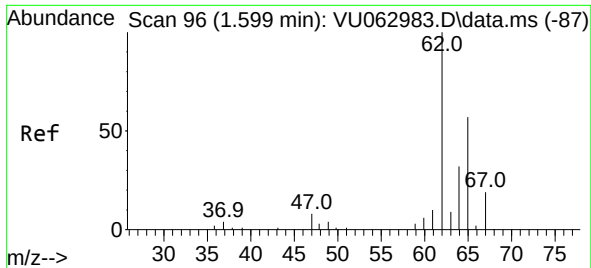
Tgt Ion: 85 Resp: 37346
Ion Ratio Lower Upper
85 100
87 32.5 26.1 39.1



#3
Chloromethane
Concen: 3.968 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU063005.D
Acq: 24 Jan 2025 20:09

Tgt Ion: 50 Resp: 21941
Ion Ratio Lower Upper
50 100
52 36.2 24.1 44.7

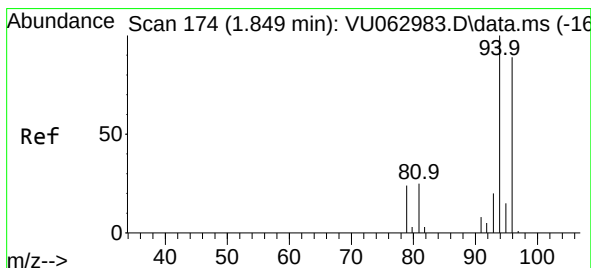
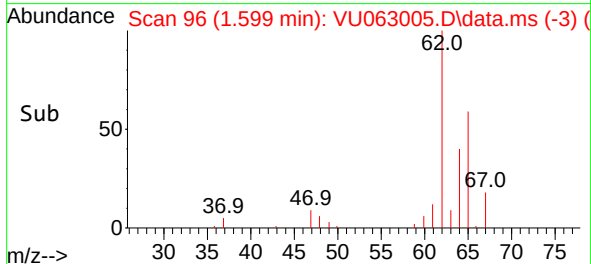
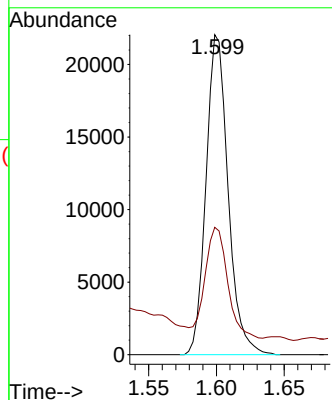
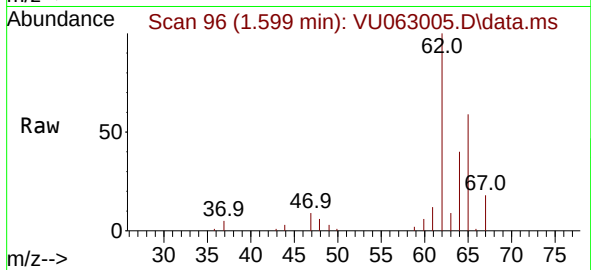




#5
 Vinyl chloride
 Concen: 4.013 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU063005.D
 Acq: 24 Jan 2025 20:09

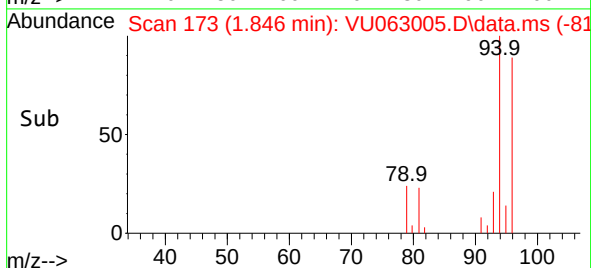
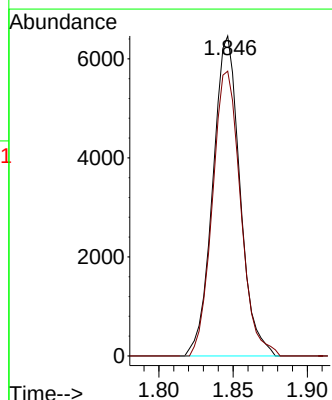
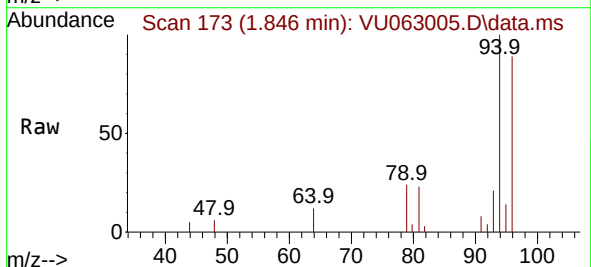
Instrument :
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 ClientSampleId :

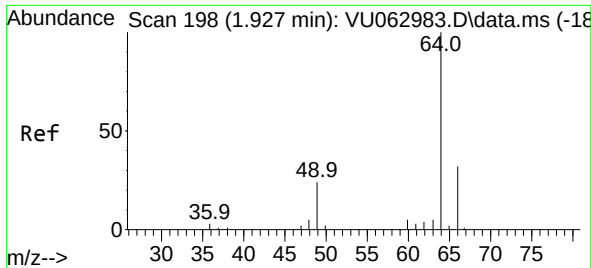
Tgt Ion: 62 Resp: 24991
 Ion Ratio Lower Upper
 62 100
 64 39.8 23.4 43.4



#6
 Bromomethane
 Concen: 1.813 ug/L
 RT: 1.846 min Scan# 173
 Delta R.T. -0.003 min
 Lab File: VU063005.D
 Acq: 24 Jan 2025 20:09

Tgt Ion: 94 Resp: 8215
 Ion Ratio Lower Upper
 94 100
 96 89.0 62.9 116.7

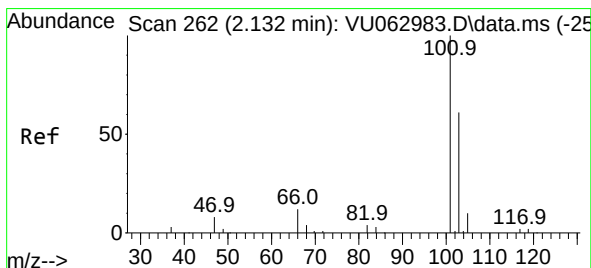
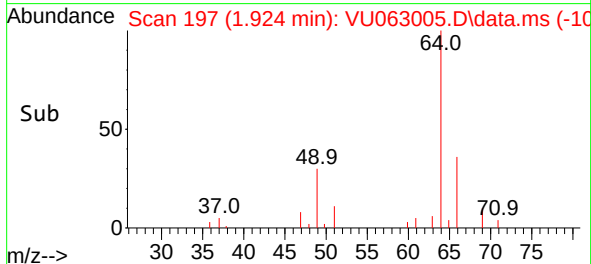
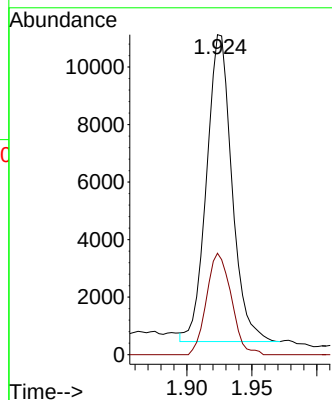
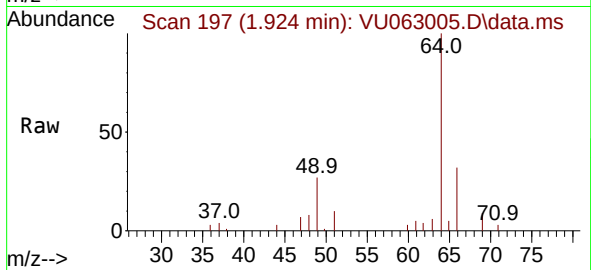




#8
Chloroethane
Concen: 3.880 ug/L
RT: 1.924 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU063005.D
Acq: 24 Jan 2025 20:09

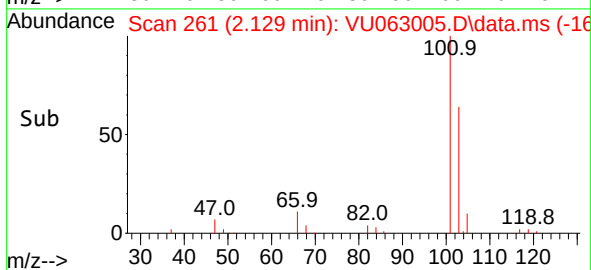
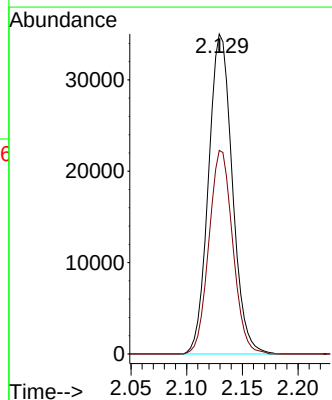
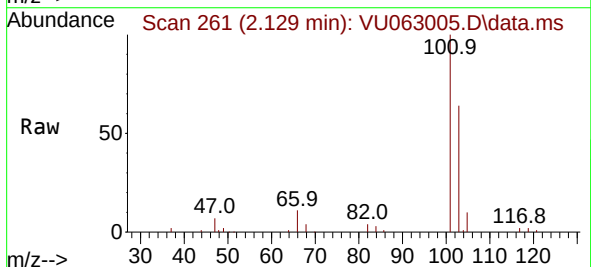
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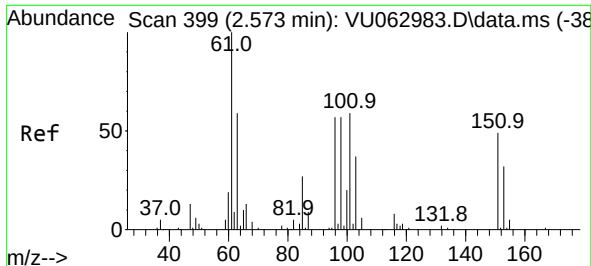
Tgt Ion: 64 Resp: 14514
Ion Ratio Lower Upper
64 100
66 31.7 21.6 40.2



#9
Trichlorofluoromethane
Concen: 4.151 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU063005.D
Acq: 24 Jan 2025 20:09

Tgt Ion:101 Resp: 52147
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.0

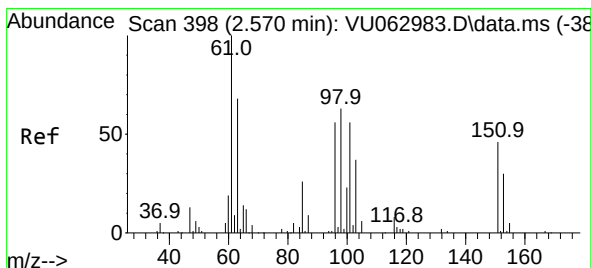
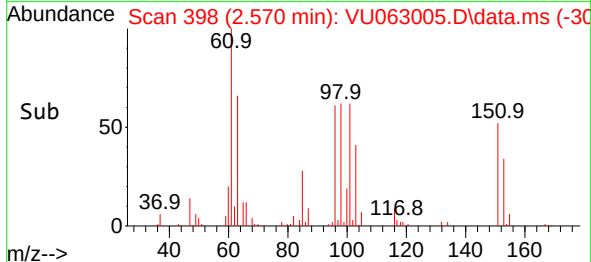
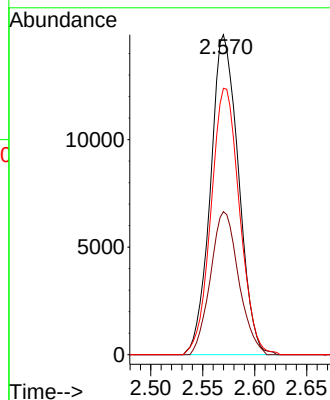
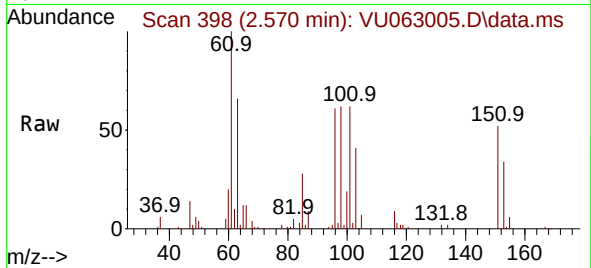




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.593 ug/L
 RT: 2.570 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU063005.D
 Acq: 24 Jan 2025 20:09

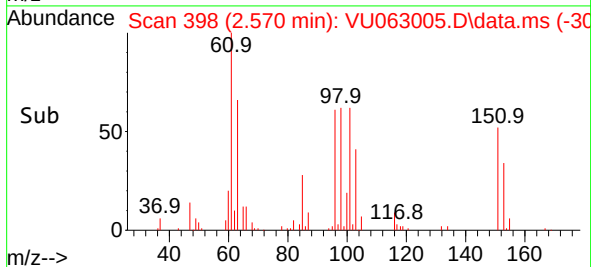
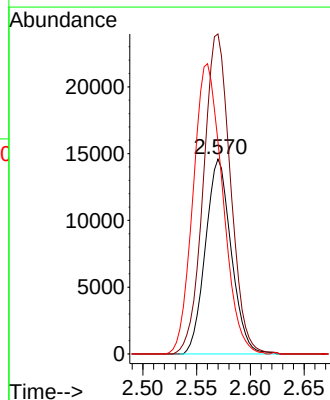
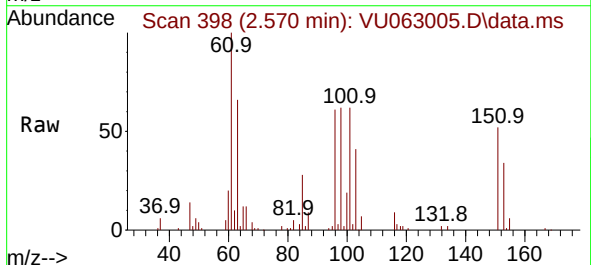
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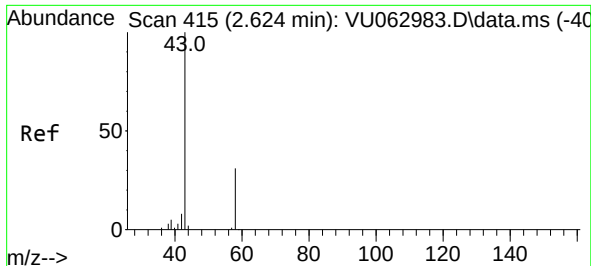
Tgt Ion:101 Resp: 27875
 Ion Ratio Lower Upper
 101 100
 85 45.0 37.0 55.6
 151 85.0 64.4 96.6



#12
 1,1-Dichloroethene
 Concen: 4.518 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU063005.D
 Acq: 24 Jan 2025 20:09

Tgt Ion: 96 Resp: 24259
 Ion Ratio Lower Upper
 96 100
 61 164.1 120.4 223.6
 63 109.0 82.3 152.9





#13

Acetone

Concen: 44.942 ug/L

RT: 2.612 min Scan# 41

Delta R.T. -0.013 min

Lab File: VU063005.D

Acq: 24 Jan 2025 20:09

Instrument :

MSVOA_U

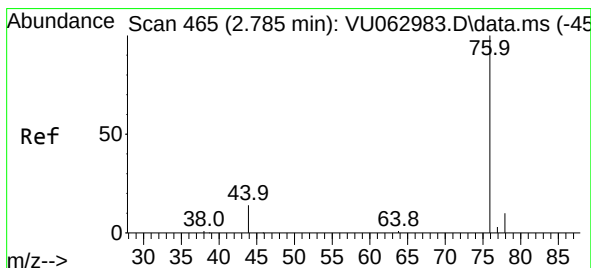
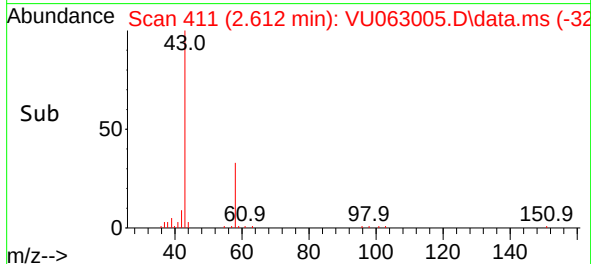
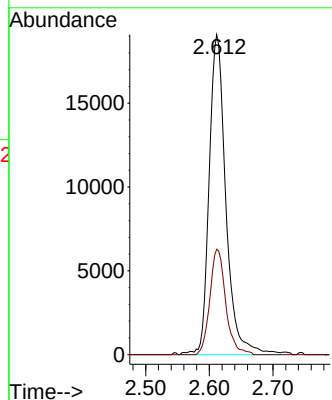
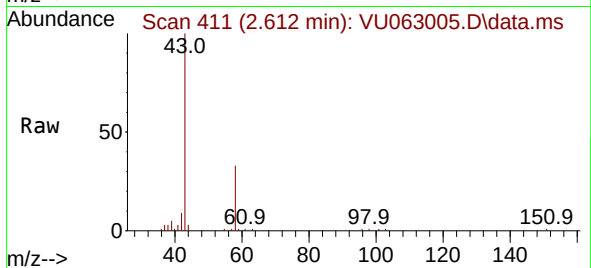
ClientSampleId :

Tgt Ion: 43 Resp: 34859

Ion Ratio Lower Upper

43 100

58 31.3 0.0 64.4



#14

Carbon disulfide

Concen: 4.208 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.003 min

Lab File: VU063005.D

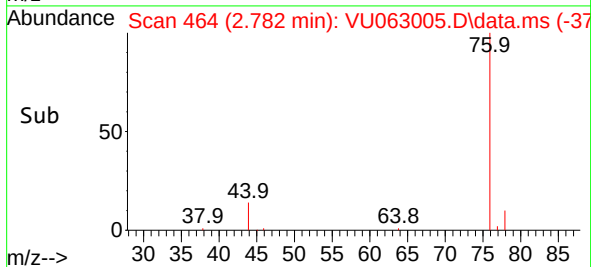
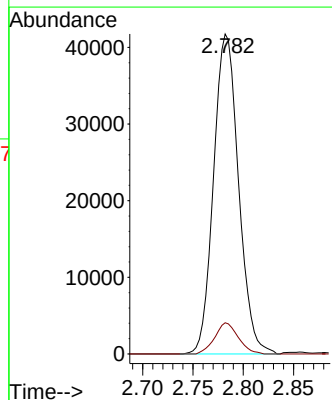
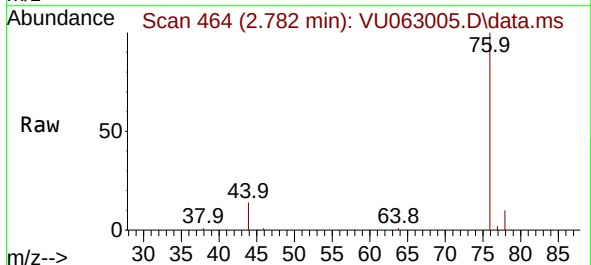
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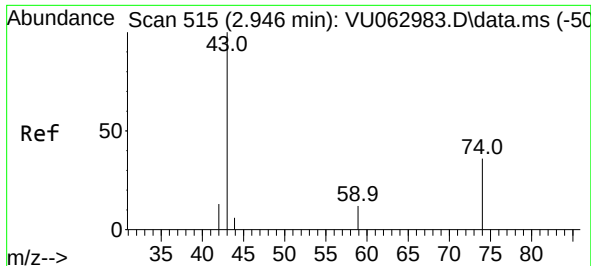
Tgt Ion: 76 Resp: 72166

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.6

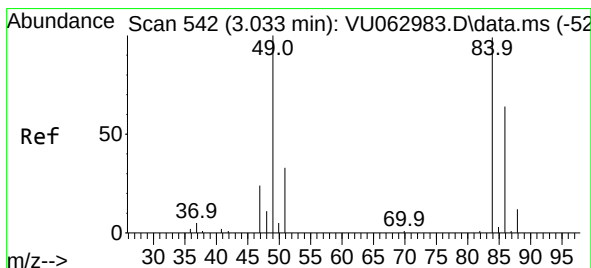
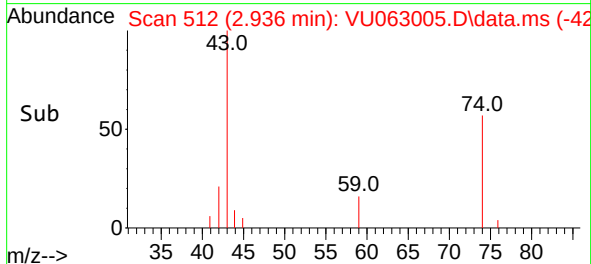
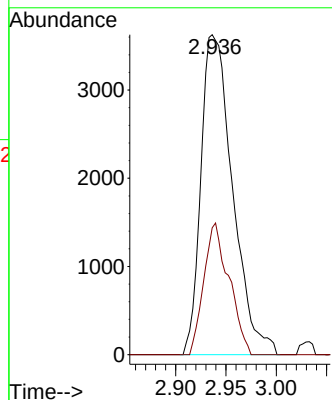
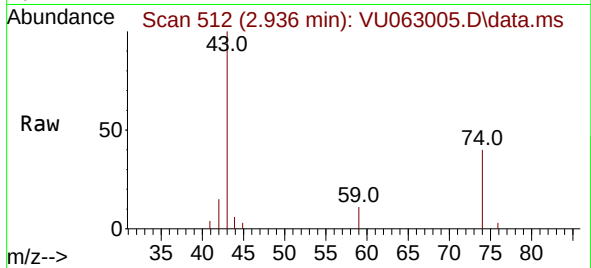




#15
Methyl Acetate
Concen: 4.739 ug/L
RT: 2.936 min Scan# 515
Delta R.T. -0.010 min
Lab File: VU063005.D
Acq: 24 Jan 2025 20:09

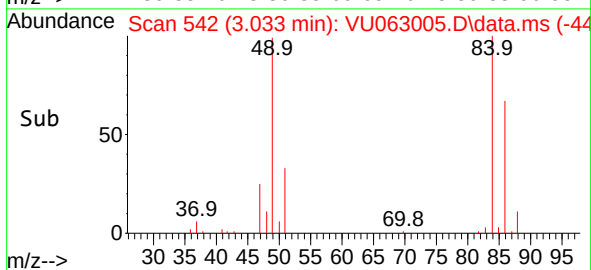
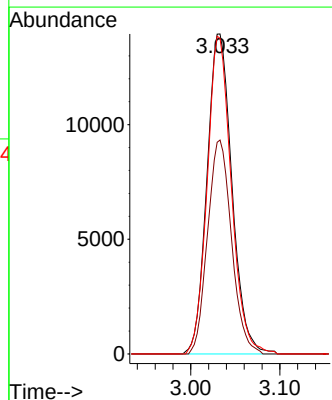
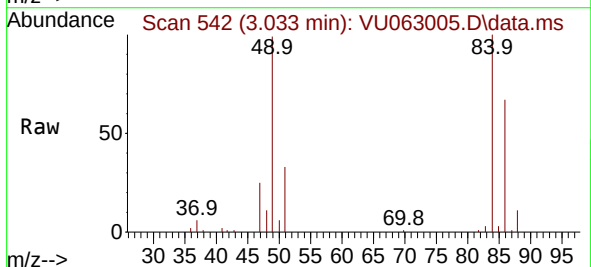
Instrument :
MSVOA_U
ClientSampleId :

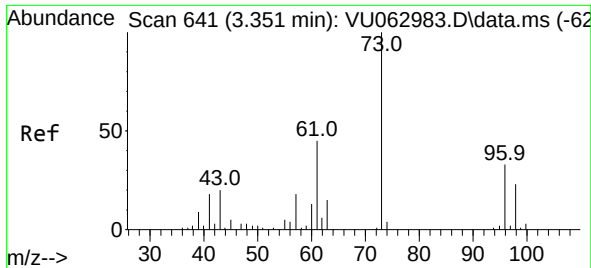
Tgt Ion: 43 Resp: 7959
Ion Ratio Lower Upper
43 100
74 32.7 24.4 36.6



#16
Methylene chloride
Concen: 4.617 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.000 min
Lab File: VU063005.D
Acq: 24 Jan 2025 20:09

Tgt Ion: 84 Resp: 27160
Ion Ratio Lower Upper
84 100
86 66.8 44.7 83.1
49 98.7 68.3 126.9

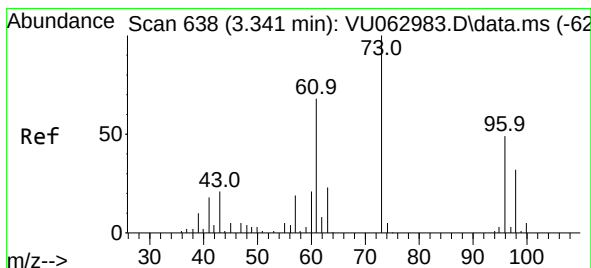
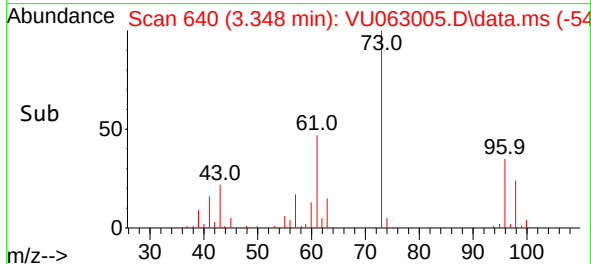
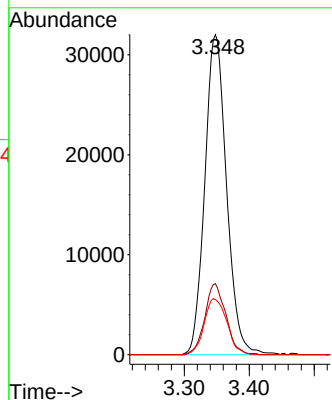
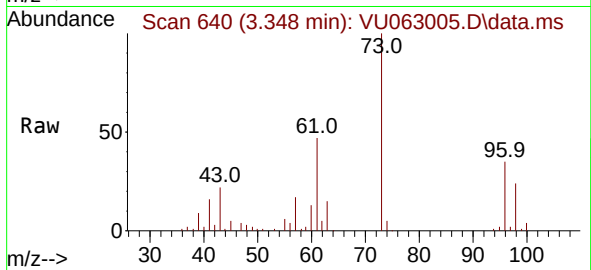




#17
Methyl tert-butyl Ether
Concen: 5.061 ug/L
RT: 3.348 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU063005.D
Acq: 24 Jan 2025 20:09

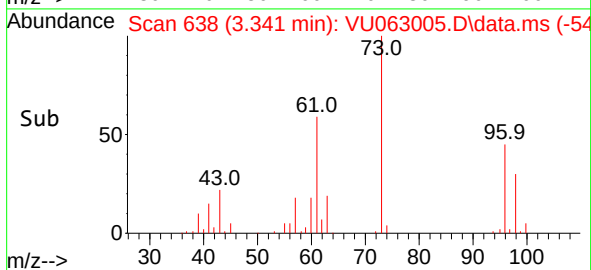
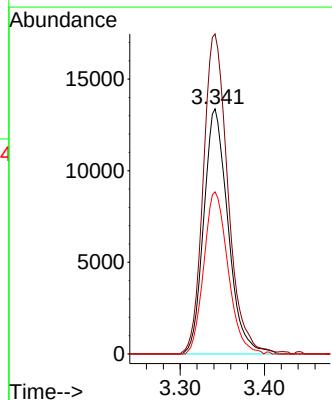
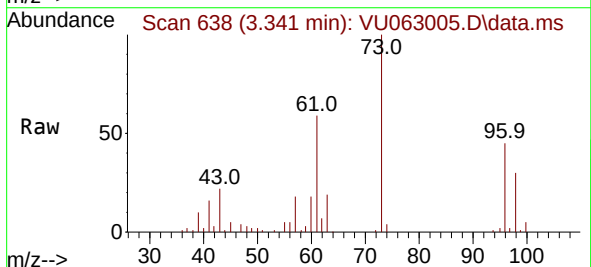
Instrument :
MSVOA_U
ClientSampleId :

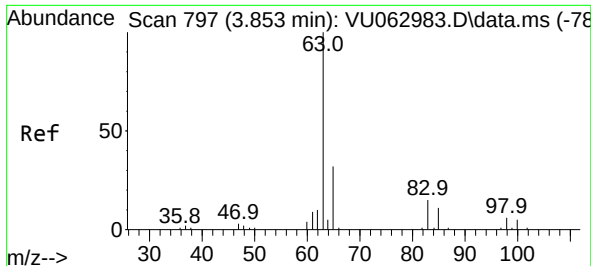
Tgt Ion: 73 Resp: 74682
Ion Ratio Lower Upper
73 100
43 21.4 16.2 24.4
57 18.2 14.6 22.0



#18
trans-1,2-Dichloroethene
Concen: 4.665 ug/L
RT: 3.341 min Scan# 638
Delta R.T. 0.000 min
Lab File: VU063005.D
Acq: 24 Jan 2025 20:09

Tgt Ion: 96 Resp: 26835
Ion Ratio Lower Upper
96 100
61 130.5 94.4 175.2
98 66.1 42.8 79.4

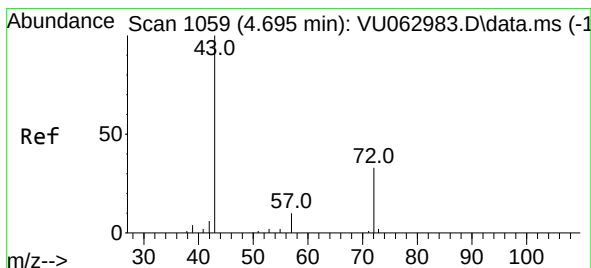
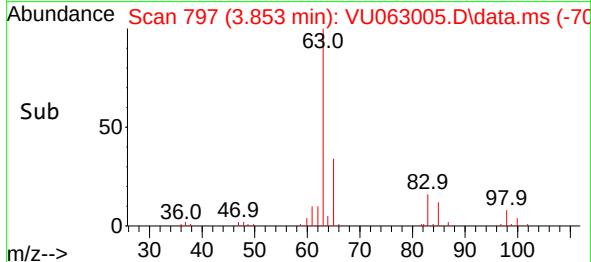
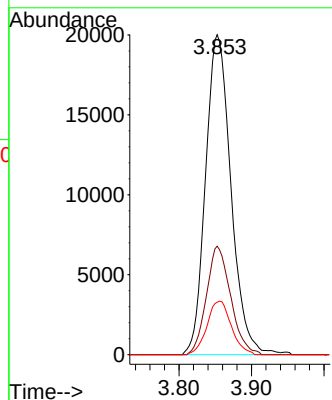
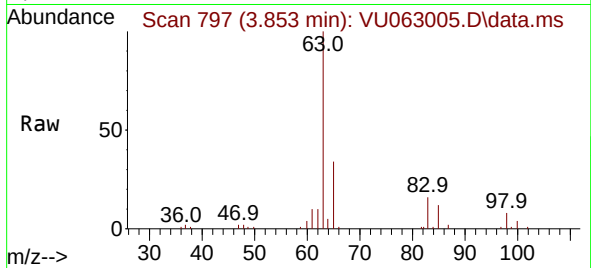




#19
1,1-Dichloroethane
Concen: 4.740 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU063005.D
Acq: 24 Jan 2025 20:09

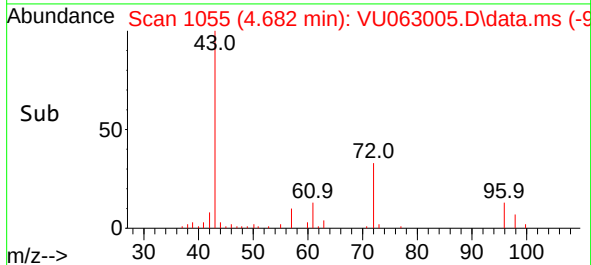
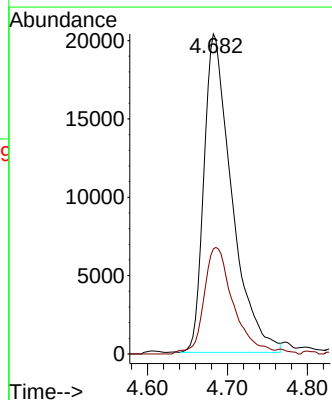
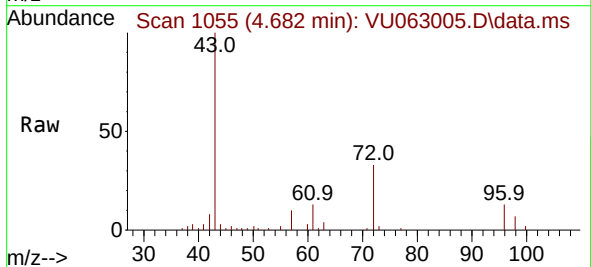
Instrument :
MSVOA_U
ClientSampleId :

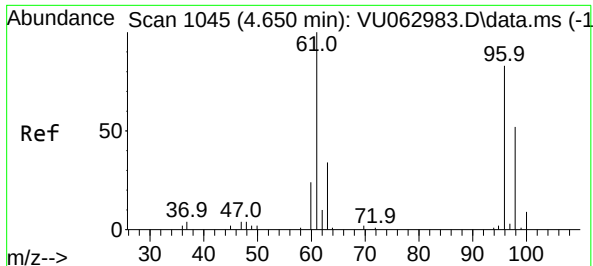
Tgt Ion: 63 Resp: 48750
Ion Ratio Lower Upper
63 100
65 33.9 20.7 38.5
83 16.4 10.5 19.5



#21
2-Butanone
Concen: 47.672 ug/L
RT: 4.682 min Scan# 1055
Delta R.T. -0.013 min
Lab File: VU063005.D
Acq: 24 Jan 2025 20:09

Tgt Ion: 43 Resp: 49245
Ion Ratio Lower Upper
43 100
72 35.1 17.1 51.2

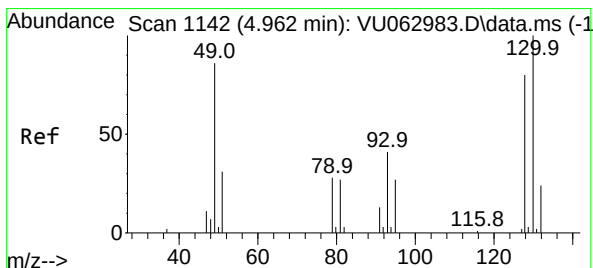
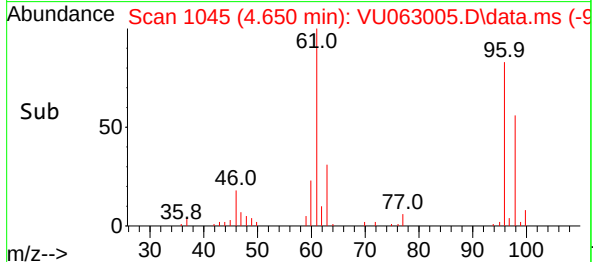
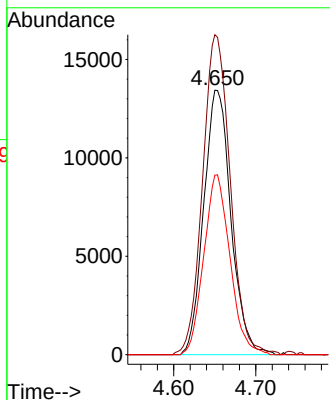
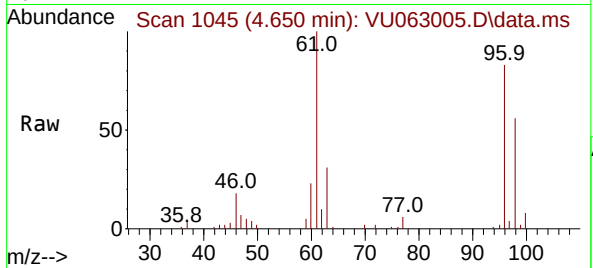




#22
 cis-1,2-Dichloroethene
 Concen: 4.960 ug/L
 RT: 4.650 min Scan# 1045
 Delta R.T. 0.000 min
 Lab File: VU063005.D
 Acq: 24 Jan 2025 20:09

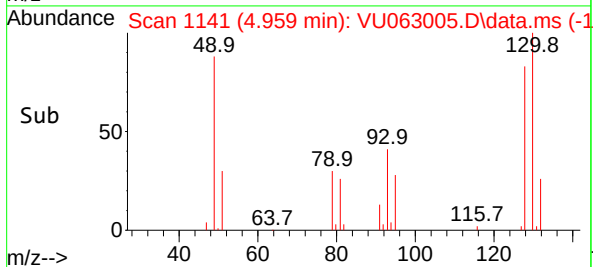
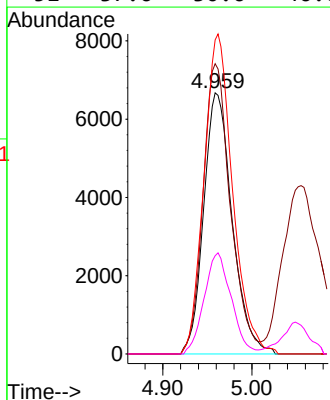
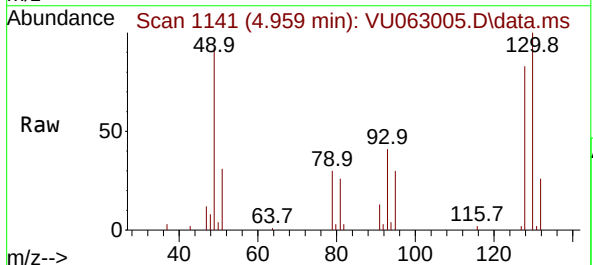
Instrument :
 MSVOA_U
 ClientSampleId :

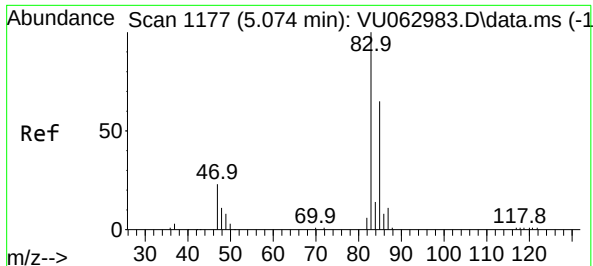
Tgt Ion: 96 Resp: 31074
 Ion Ratio Lower Upper
 96 100
 61 121.0 84.8 157.6
 98 67.9 43.1 80.1



#23
 Bromochloromethane
 Concen: 5.026 ug/L
 RT: 4.959 min Scan# 1141
 Delta R.T. -0.003 min
 Lab File: VU063005.D
 Acq: 24 Jan 2025 20:09

Tgt Ion:128 Resp: 14863
 Ion Ratio Lower Upper
 128 100
 49 111.1 81.1 150.7
 130 120.3 94.9 176.3
 51 37.6 30.6 46.0





#25

Chloroform

Concen: 4.842 ug/L

RT: 5.071 min Scan# 1177

Delta R.T. -0.003 min

Lab File: VU063005.D

Acq: 24 Jan 2025 20:09

Instrument :

MSVOA_U

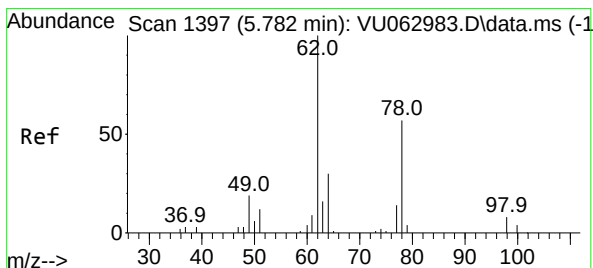
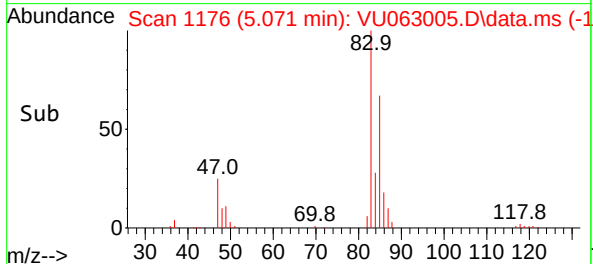
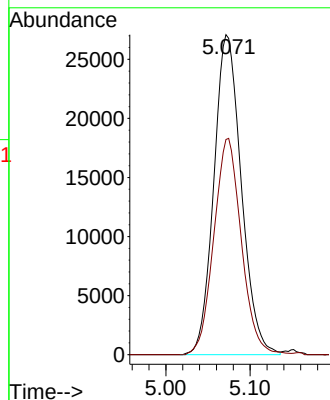
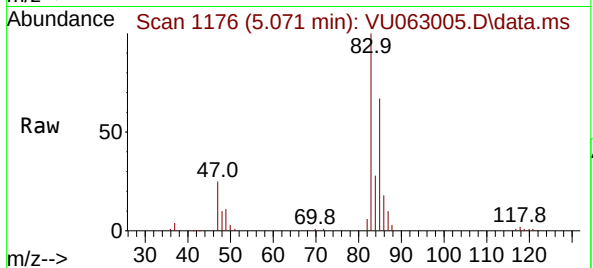
ClientSampleId :

Tgt Ion: 83 Resp: 61291

Ion Ratio Lower Upper

83 100

85 67.2 45.8 85.2



#27

1,2-Dichloroethane

Concen: 5.122 ug/L

RT: 5.779 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VU063005.D

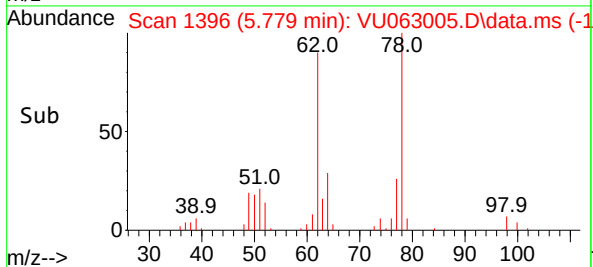
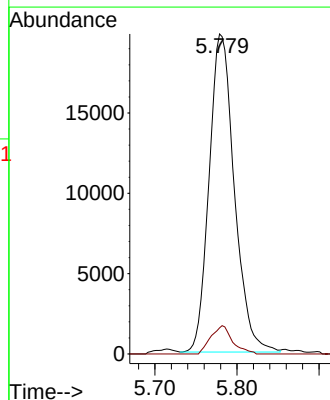
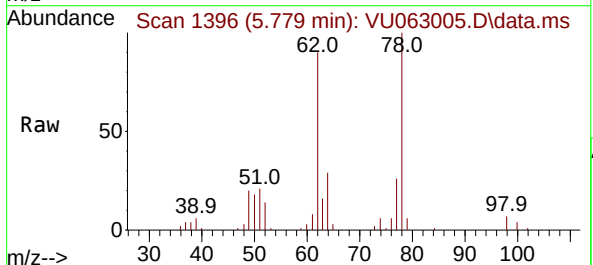
Acq: 24 Jan 2025 20:09

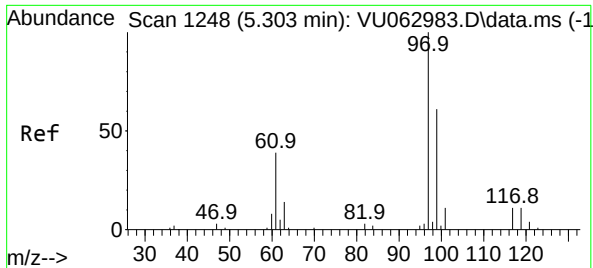
Tgt Ion: 62 Resp: 42396

Ion Ratio Lower Upper

62 100

98 8.2 5.8 8.6

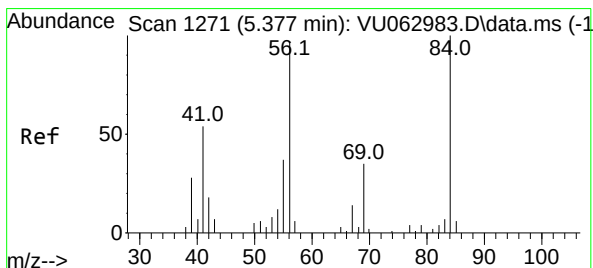
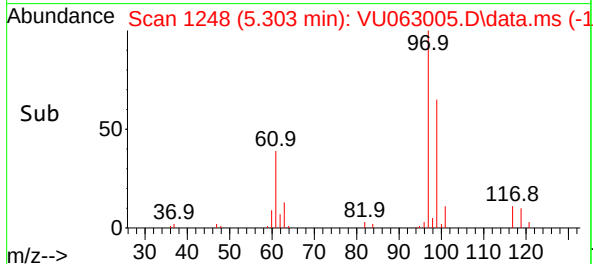
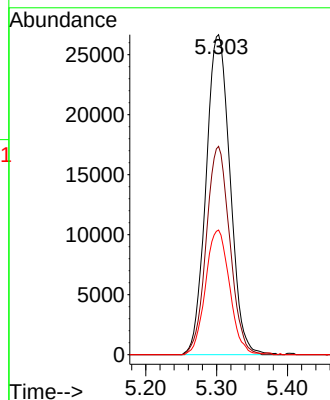
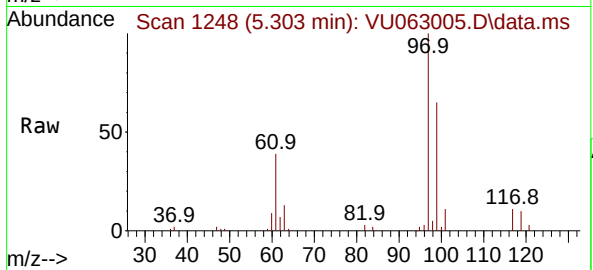




#29
1,1,1-Trichloroethane
Concen: 5.044 ug/L
RT: 5.303 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063005.D
Acq: 24 Jan 2025 20:09

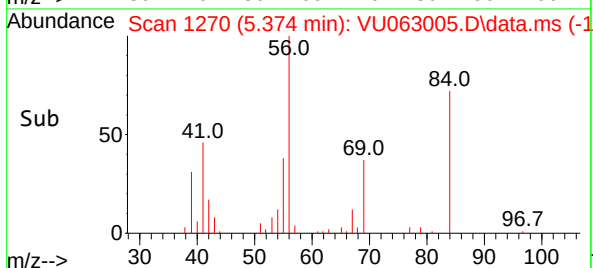
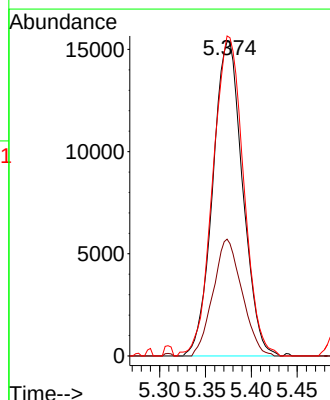
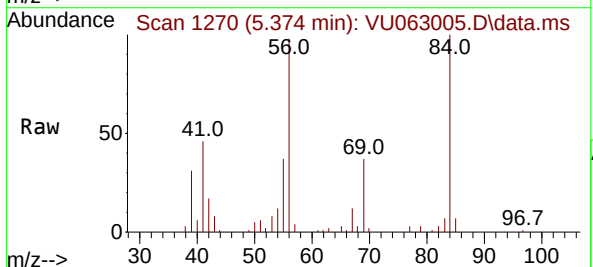
Instrument :
MSVOA_U
ClientSampleId :

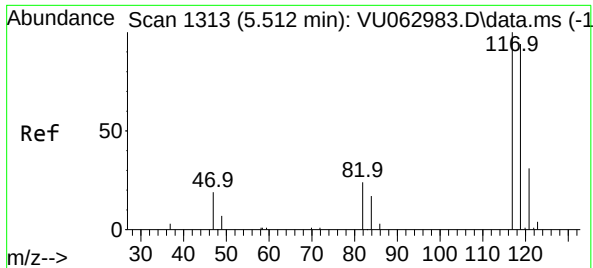
Tgt Ion: 97 Resp: 62810
Ion Ratio Lower Upper
97 100
99 63.8 52.4 78.6
61 39.0 32.2 48.4



#30
Cyclohexane
Concen: 4.291 ug/L
RT: 5.374 min Scan# 1270
Delta R.T. -0.003 min
Lab File: VU063005.D
Acq: 24 Jan 2025 20:09

Tgt Ion: 56 Resp: 34892
Ion Ratio Lower Upper
56 100
69 35.9 28.3 42.5
84 104.3 76.5 114.7

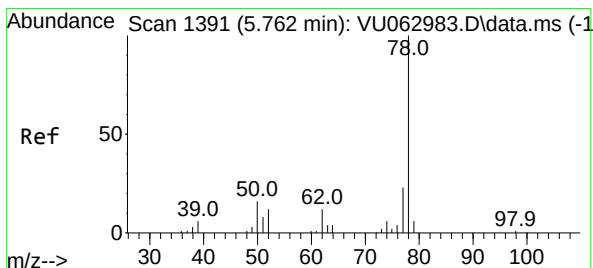
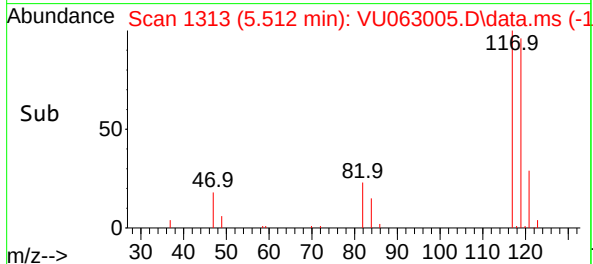
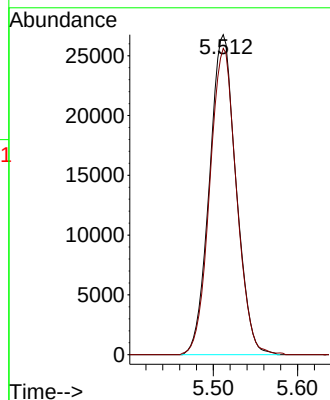
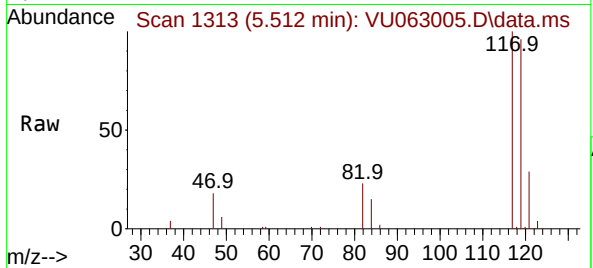




#31
Carbon tetrachloride
Concen: 5.128 ug/L
RT: 5.512 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VU063005.D
Acq: 24 Jan 2025 20:09

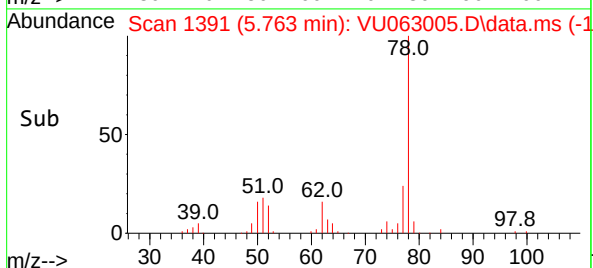
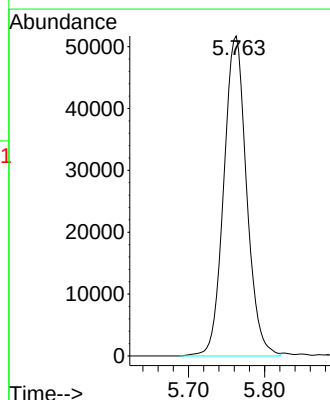
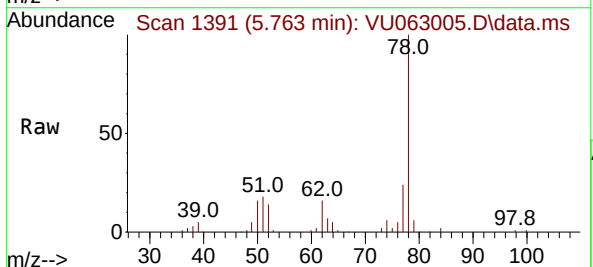
Instrument :
MSVOA_U
ClientSampleId :

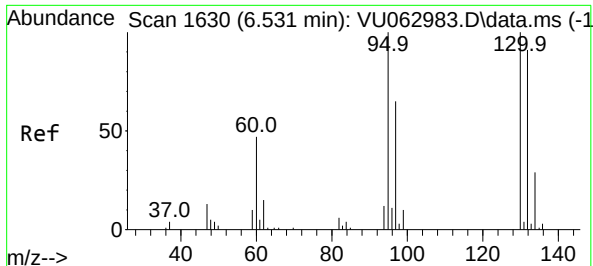
Tgt Ion:117 Resp: 58679
Ion Ratio Lower Upper
117 100
119 96.0 78.6 118.0



#33
Benzene
Concen: 4.569 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU063005.D
Acq: 24 Jan 2025 20:09

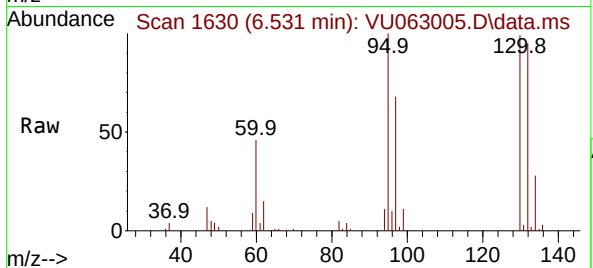
Tgt Ion: 78 Resp: 107762



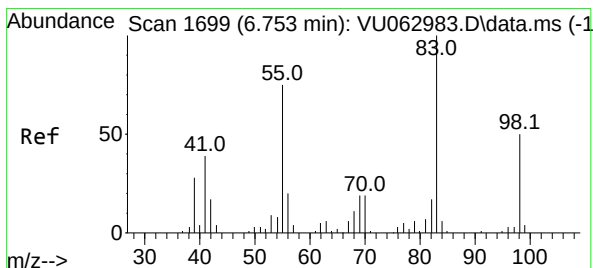
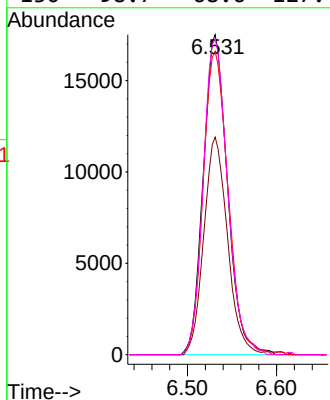
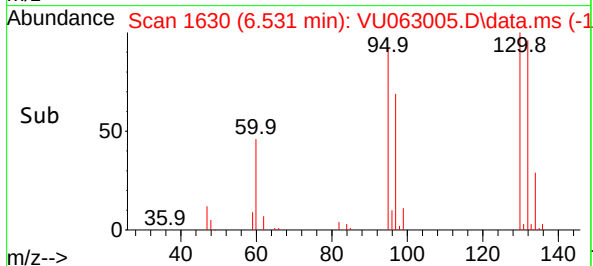


#34
Trichloroethene
Concen: 4.106 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VU063005.D
Acq: 24 Jan 2025 20:09

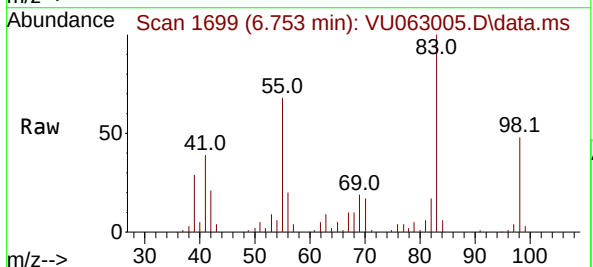
Instrument :
MSVOA_U
ClientSampleId :



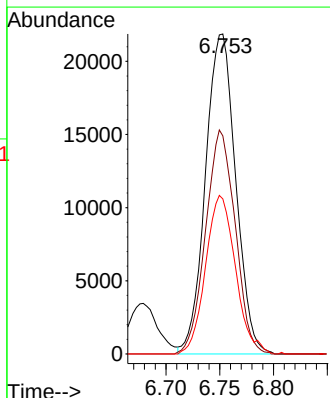
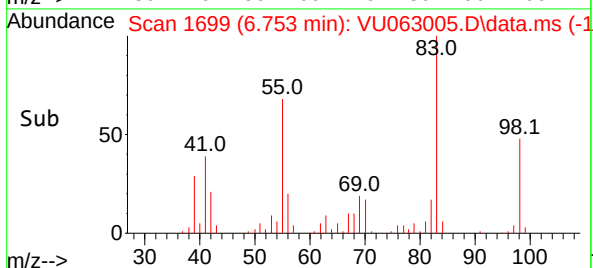
Tgt Ion: 95 Resp: 33080
Ion Ratio Lower Upper
95 100
97 68.0 47.5 88.3
132 94.8 66.9 124.3
130 98.7 68.6 127.4

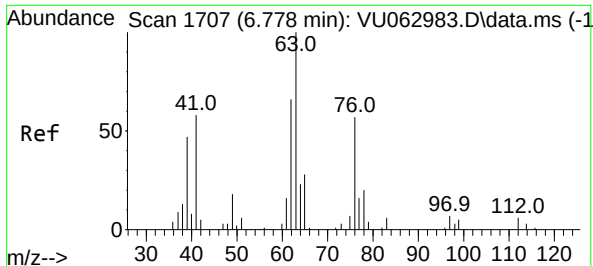


#35
Methylcyclohexane
Concen: 4.325 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU063005.D
Acq: 24 Jan 2025 20:09



Tgt Ion: 83 Resp: 42879
Ion Ratio Lower Upper
83 100
55 68.3 57.2 85.8
98 48.9 36.6 55.0





#37

1,2-Dichloropropane

Concen: 4.633 ug/L

RT: 6.779 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063005.D

Acq: 24 Jan 2025 20:09

Instrument :

MSVOA_U

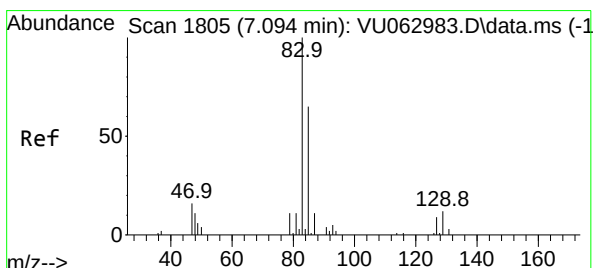
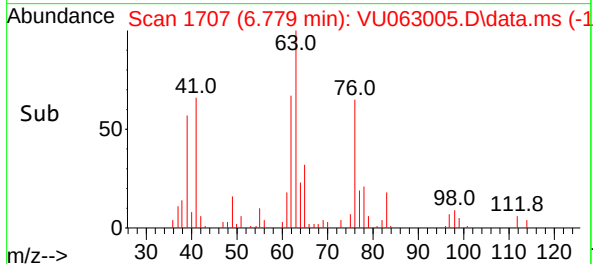
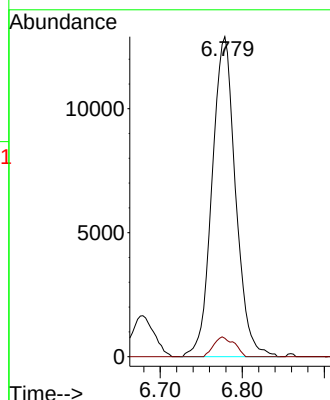
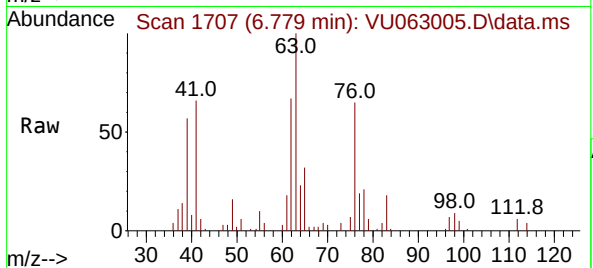
ClientSampleId :

Tgt Ion: 63 Resp: 25776

Ion Ratio Lower Upper

63 100

112 5.4 3.8 5.8



#38

Bromodichloromethane

Concen: 5.035 ug/L

RT: 7.094 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VU063005.D

Acq: 24 Jan 2025 20:09

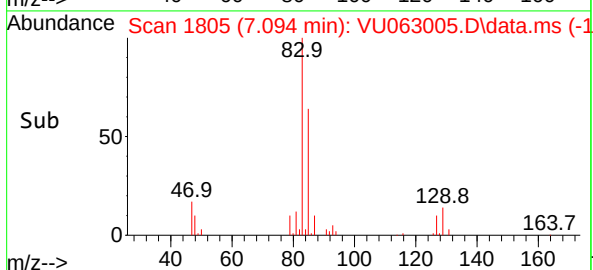
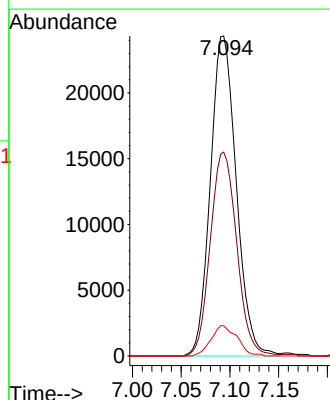
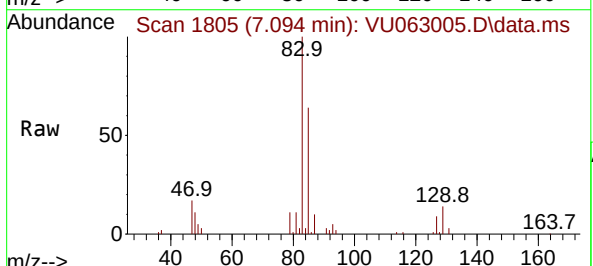
Tgt Ion: 83 Resp: 45047

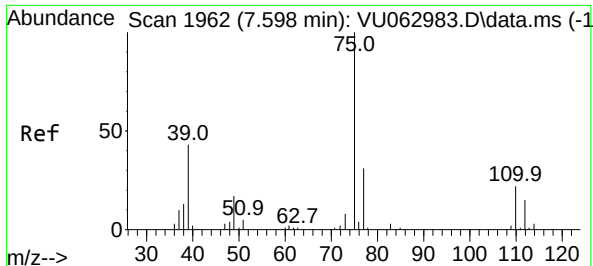
Ion Ratio Lower Upper

83 100

85 63.7 44.2 82.0

127 9.4 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 4.861 ug/L

RT: 7.595 min Scan# 1962

Delta R.T. -0.003 min

Lab File: VU063005.D

Acq: 24 Jan 2025 20:09

Instrument :

MSVOA_U

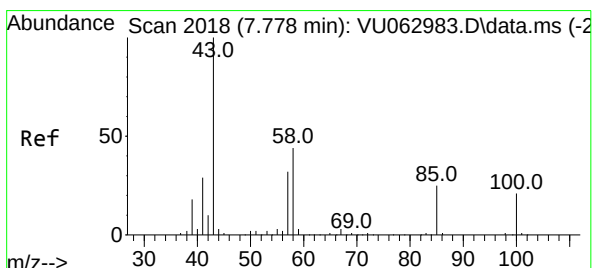
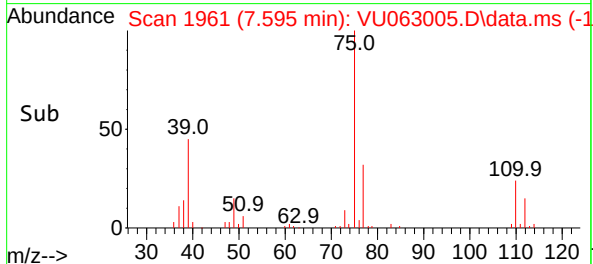
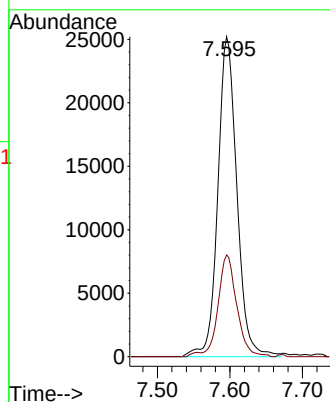
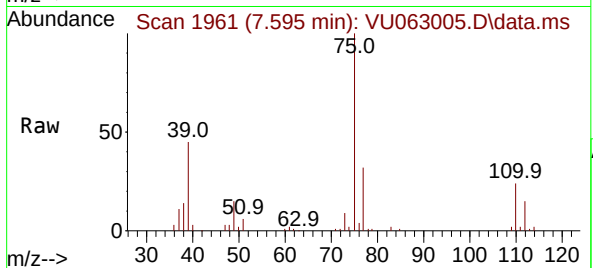
ClientSampleId :

Tgt Ion: 75 Resp: 46049

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 48.965 ug/L

RT: 7.775 min Scan# 2017

Delta R.T. -0.003 min

Lab File: VU063005.D

Acq: 24 Jan 2025 20:09

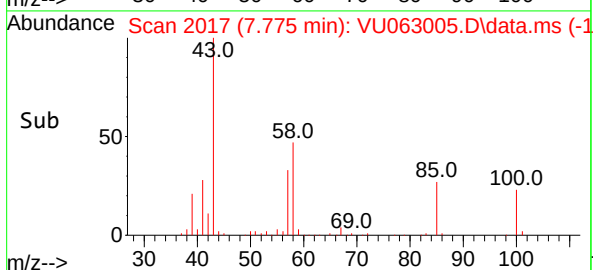
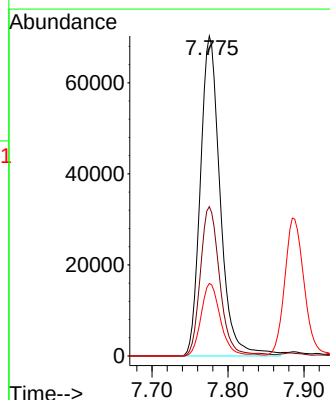
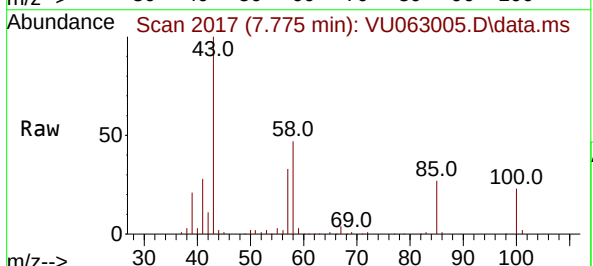
Tgt Ion: 43 Resp: 127256

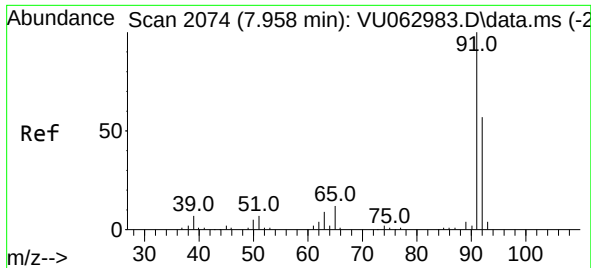
Ion Ratio Lower Upper

43 100

58 45.4 35.8 53.8

100 22.1 16.8 25.2

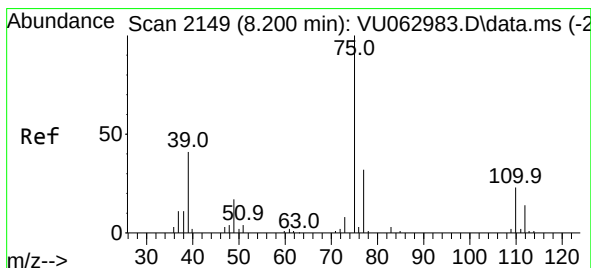
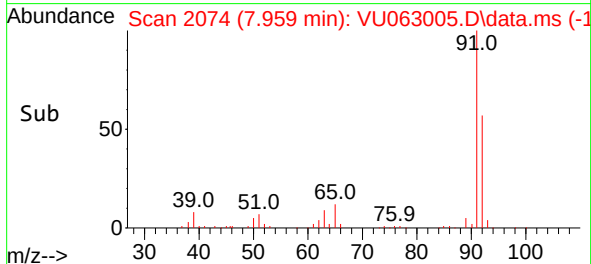
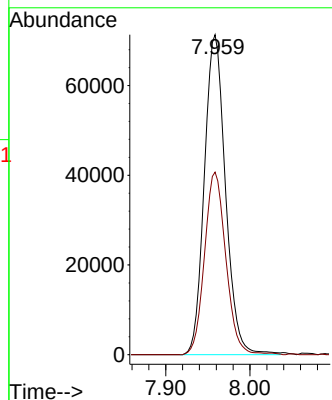
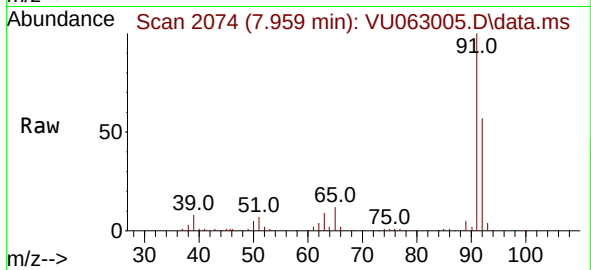




#42
Toluene
Concen: 4.824 ug/L
RT: 7.959 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VU063005.D
Acq: 24 Jan 2025 20:09

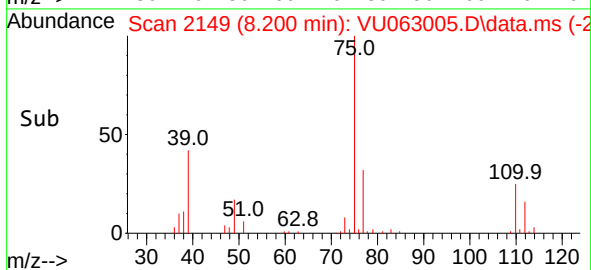
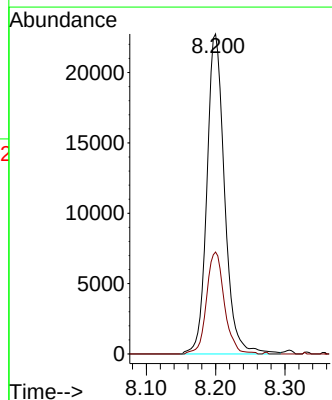
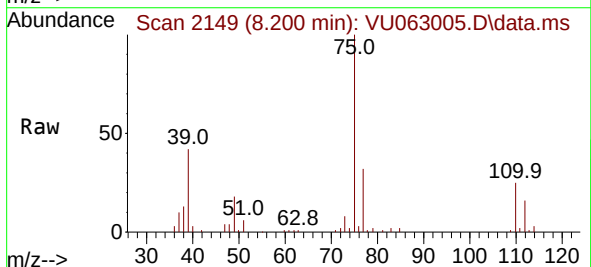
Instrument :
MSVOA_U
ClientSampleId :

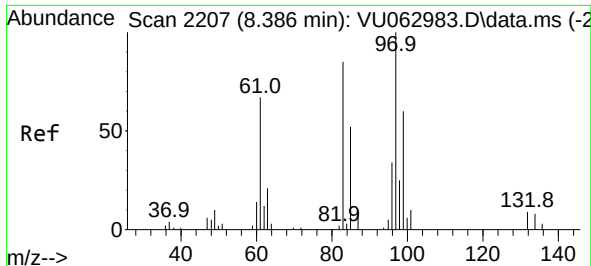
Tgt Ion: 91 Resp: 124672
Ion Ratio Lower Upper
91 100
92 57.1 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 4.929 ug/L
RT: 8.200 min Scan# 2149
Delta R.T. 0.000 min
Lab File: VU063005.D
Acq: 24 Jan 2025 20:09

Tgt Ion: 75 Resp: 40251
Ion Ratio Lower Upper
75 100
77 31.9 21.8 40.6

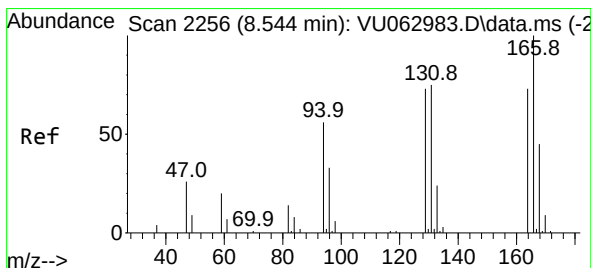
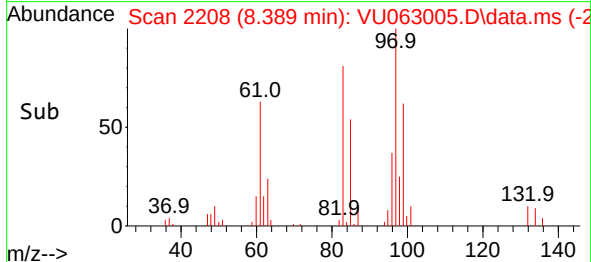
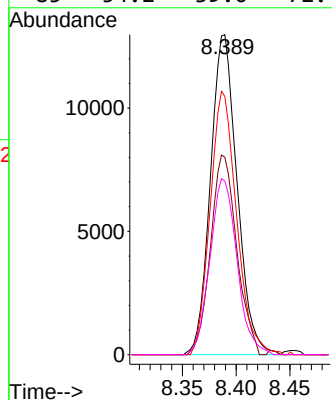
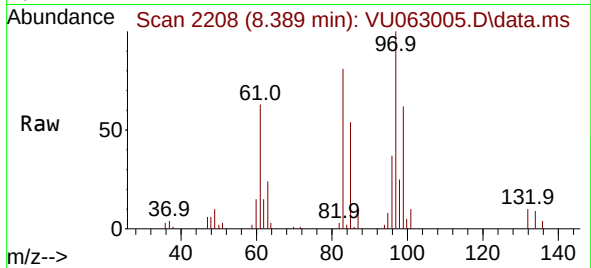




#45
1,1,2-Trichloroethane
Concen: 4.944 ug/L
RT: 8.389 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063005.D
Acq: 24 Jan 2025 20:09

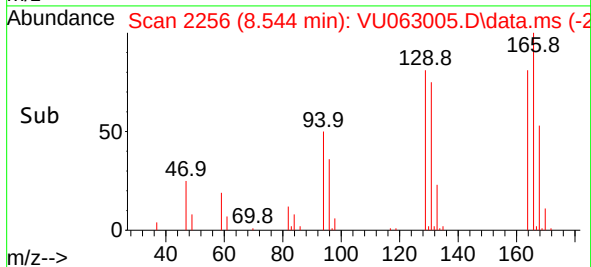
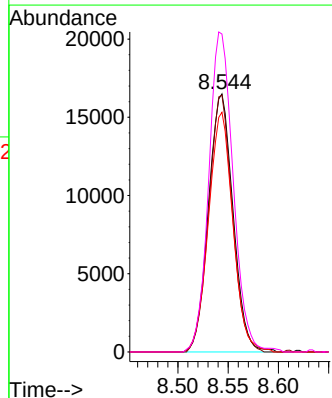
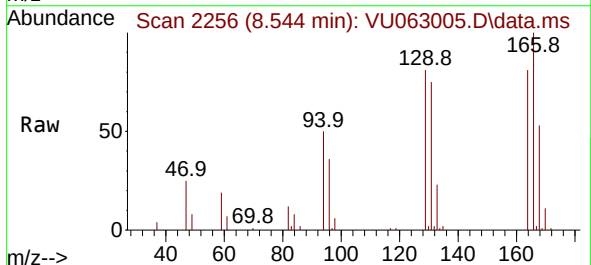
Instrument :
MSVOA_U
ClientSampleId :

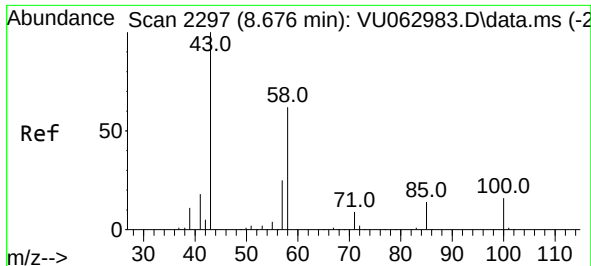
Tgt Ion:	97	Resp:	22338
Ion	Ratio	Lower	Upper
97	100		
99	61.7	45.6	84.6
83	80.7	63.0	117.0
85	54.2	39.0	72.4



#47
Tetrachloroethene
Concen: 5.065 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU063005.D
Acq: 24 Jan 2025 20:09

Tgt Ion:	164	Resp:	28104
Ion	Ratio	Lower	Upper
164	100		
129	99.5	71.0	131.9
131	92.9	69.4	129.0
166	123.2	92.7	172.3

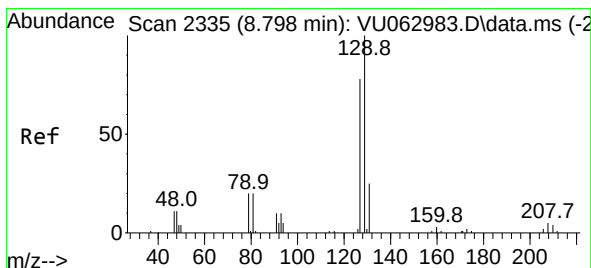
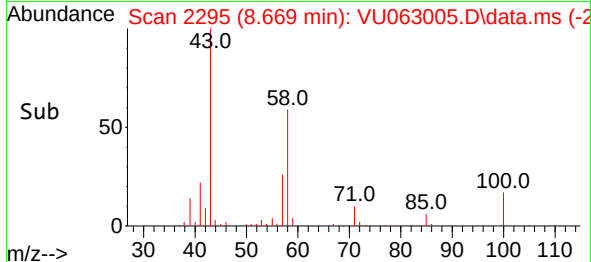
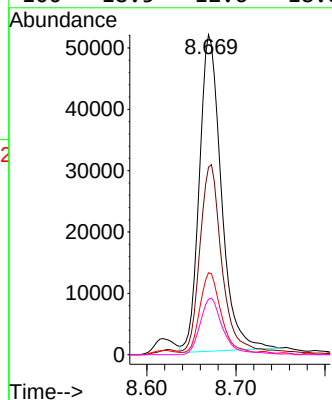
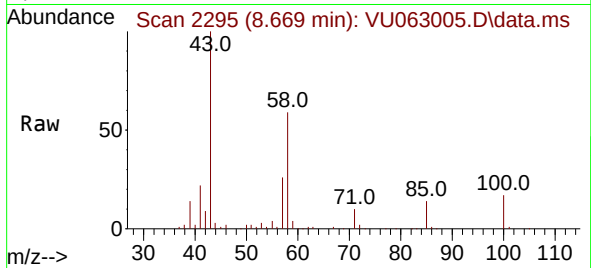




#48
2-Hexanone
Concen: 47.458 ug/L
RT: 8.669 min Scan# 2295
Delta R.T. -0.006 min
Lab File: VU063005.D
Acq: 24 Jan 2025 20:09

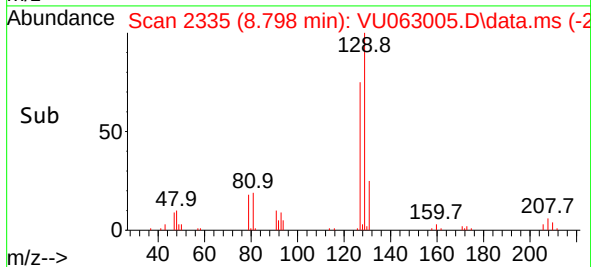
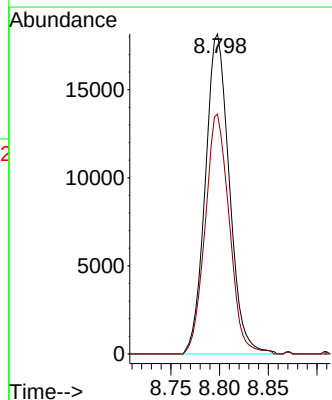
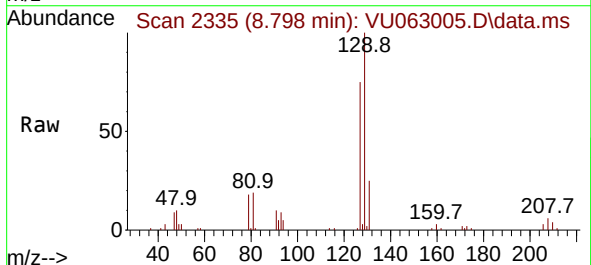
Instrument :
MSVOA_U
ClientSampleId :

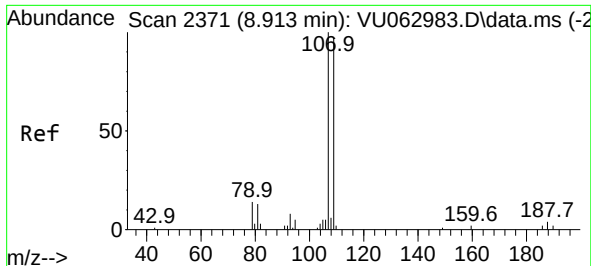
Tgt Ion: 43	Resp: 88672
Ion Ratio	Lower Upper
43 100	
58 62.0	50.2 75.4
57 24.2	19.9 29.9
100 18.5	12.6 18.8



#49
Dibromochloromethane
Concen: 5.139 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VU063005.D
Acq: 24 Jan 2025 20:09

Tgt Ion:129	Resp: 31177		
Ion Ratio	Lower	Upper	
129 100			
127 74.9	52.1	96.9	





#50

1,2-Dibromoethane

Concen: 5.222 ug/L

RT: 8.914 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063005.D

Acq: 24 Jan 2025 20:09

Instrument :

MSVOA_U

ClientSampleId :

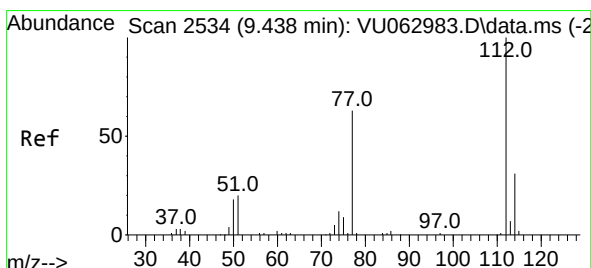
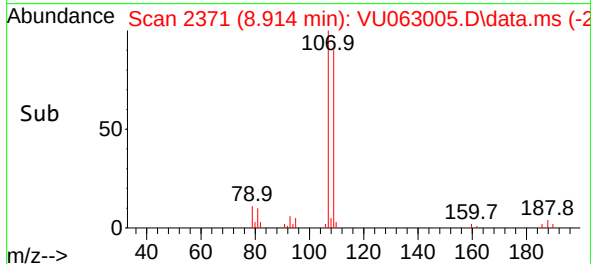
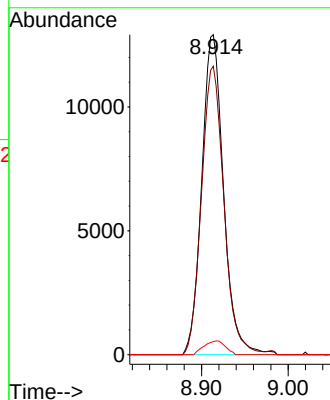
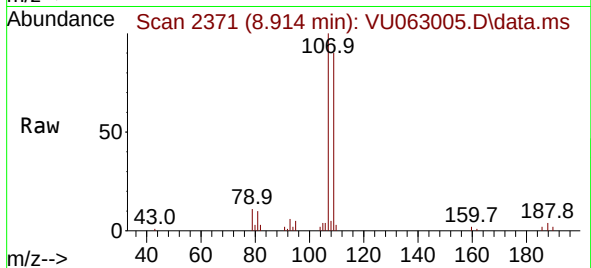
Tgt Ion:107 Resp: 22575

Ion Ratio Lower Upper

107 100

109 90.2 65.7 121.9

188 4.1 3.4 5.2



#51

Chlorobenzene

Concen: 4.935 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU063005.D

Acq: 24 Jan 2025 20:09

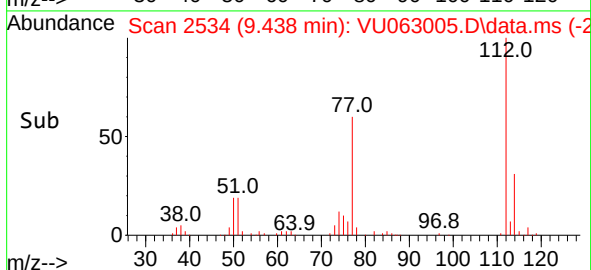
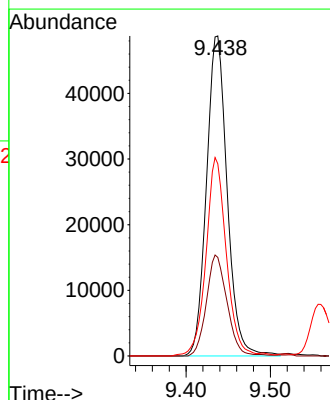
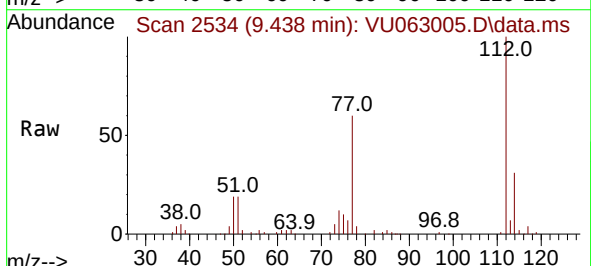
Tgt Ion:112 Resp: 83403

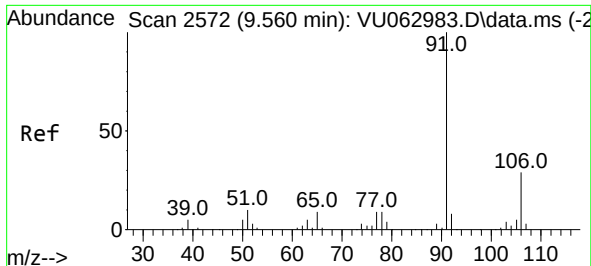
Ion Ratio Lower Upper

112 100

114 30.8 21.7 40.3

77 60.0 48.6 73.0

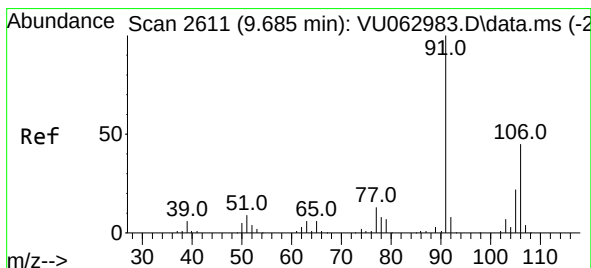
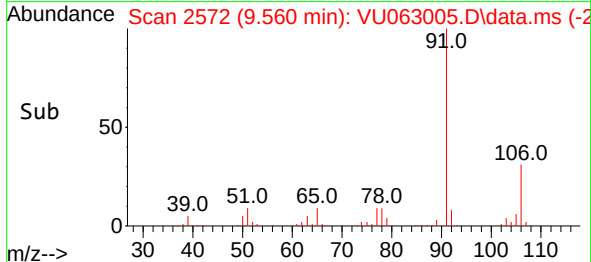
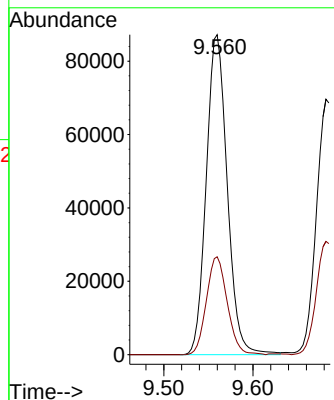
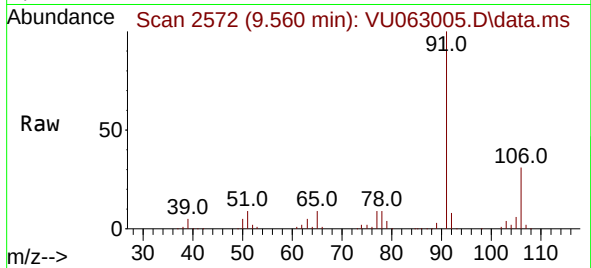




#52
Ethylbenzene
Concen: 4.861 ug/L
RT: 9.560 min Scan# 210
Delta R.T. 0.000 min
Lab File: VU063005.D
Acq: 24 Jan 2025 20:09

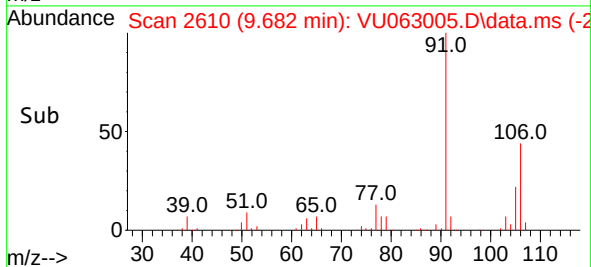
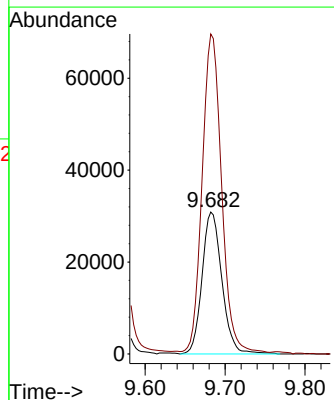
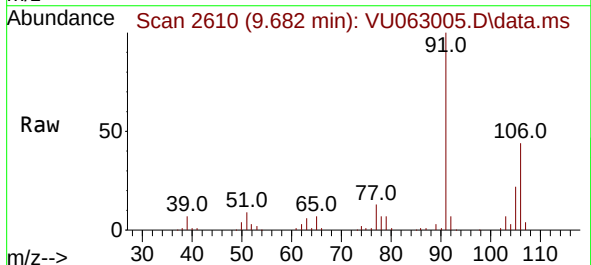
Instrument :
MSVOA_U
ClientSampleId :

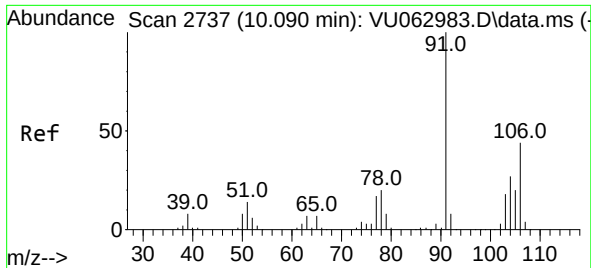
Tgt Ion: 91 Resp: 142559
Ion Ratio Lower Upper
91 100
106 30.6 21.9 40.7



#53
m,p-Xylene
Concen: 4.870 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. -0.003 min
Lab File: VU063005.D
Acq: 24 Jan 2025 20:09

Tgt Ion:106 Resp: 53420
Ion Ratio Lower Upper
106 100
91 225.4 153.1 284.3

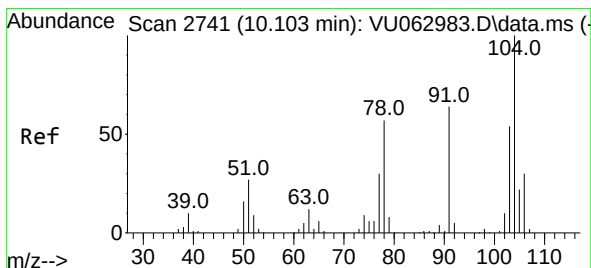
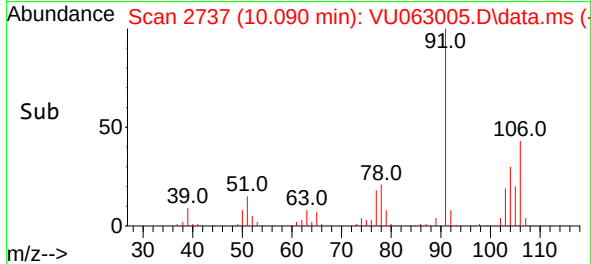
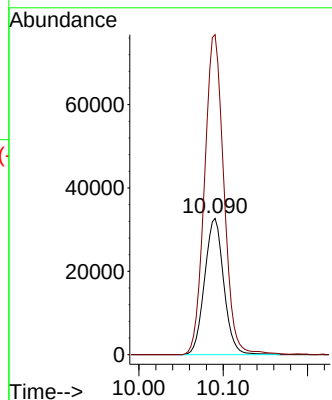
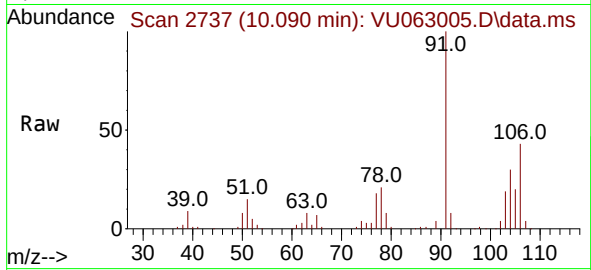




#54
o-Xylene
Concen: 4.948 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU063005.D
Acq: 24 Jan 2025 20:09

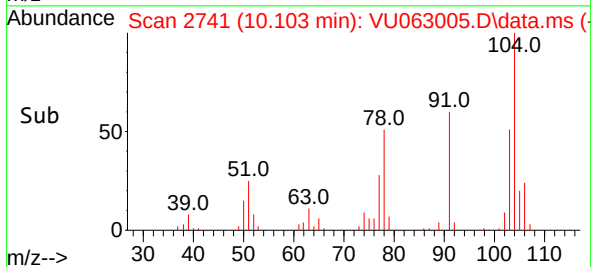
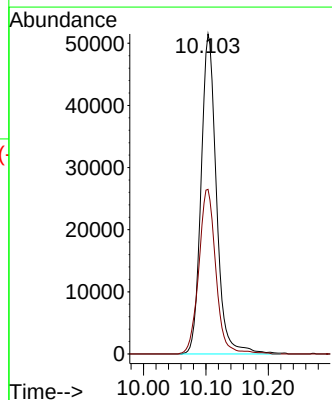
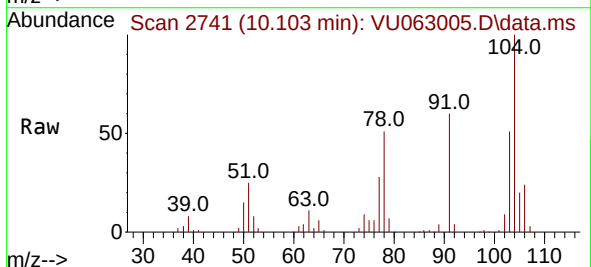
Instrument :
MSVOA_U
ClientSampleId :

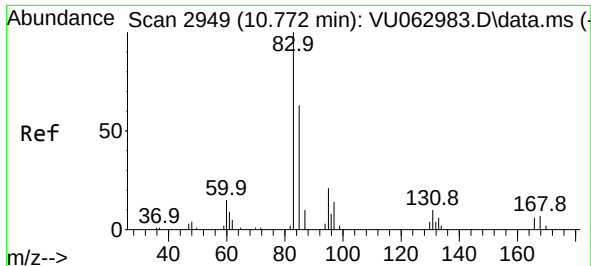
Tgt Ion:106 Resp: 51984
Ion Ratio Lower Upper
106 100
91 234.7 160.4 297.8



#55
Styrene
Concen: 5.035 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. 0.000 min
Lab File: VU063005.D
Acq: 24 Jan 2025 20:09

Tgt Ion:104 Resp: 88484
Ion Ratio Lower Upper
104 100
78 51.4 35.5 65.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.329 ug/L

RT: 10.769 min Scan# 2948

Delta R.T. -0.003 min

Lab File: VU063005.D

Acq: 24 Jan 2025 20:09

Instrument :

MSVOA_U

ClientSampleId :

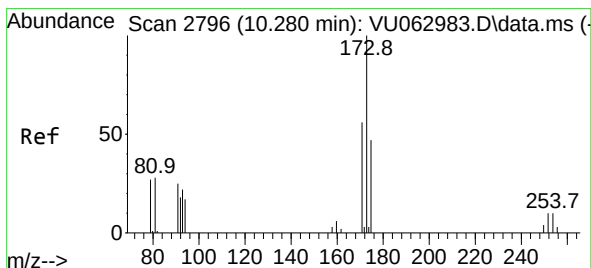
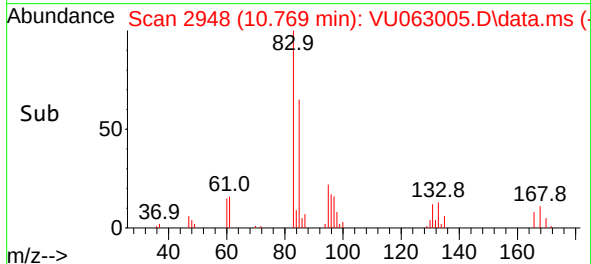
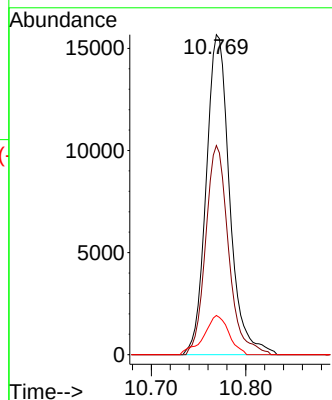
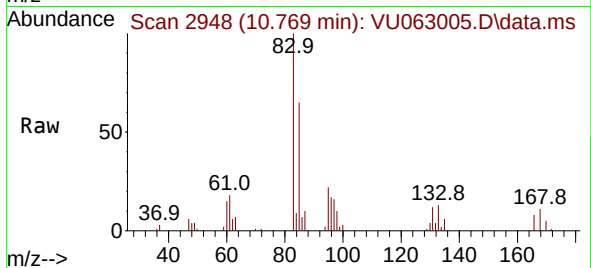
Tgt Ion: 83 Resp: 27014

Ion Ratio Lower Upper

83 100

85 65.4 43.0 79.8

131 12.3 7.4 11.0#



#59

Bromoform

Concen: 4.994 ug/L

RT: 10.277 min Scan# 2795

Delta R.T. -0.003 min

Lab File: VU063005.D

Acq: 24 Jan 2025 20:09

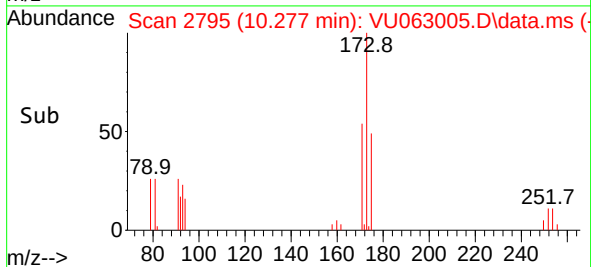
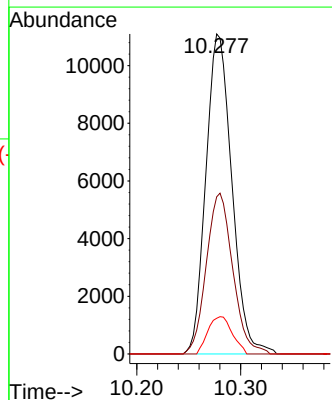
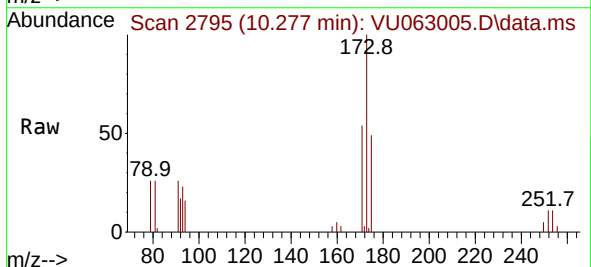
Tgt Ion:173 Resp: 19260

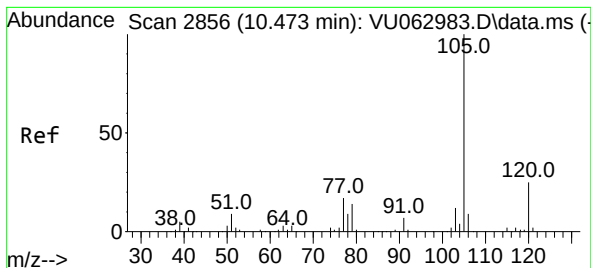
Ion Ratio Lower Upper

173 100

175 51.1 39.8 59.8

254 10.9 8.6 12.8





#60

Isopropylbenzene

Concen: 4.920 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. 0.000 min

Lab File: VU063005.D

Acq: 24 Jan 2025 20:09

Instrument :

MSVOA_U

ClientSampleId :

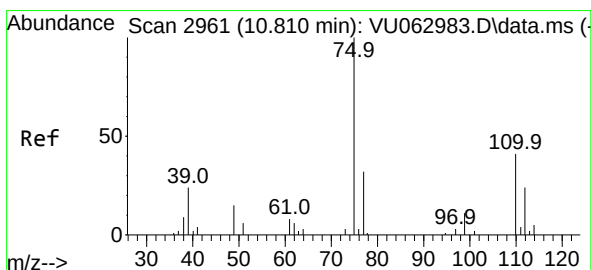
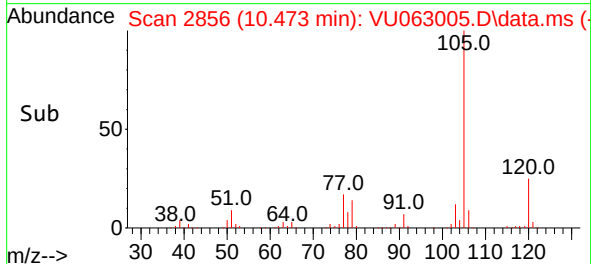
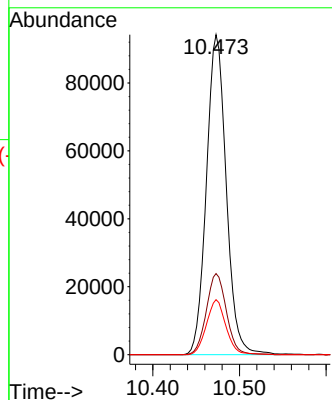
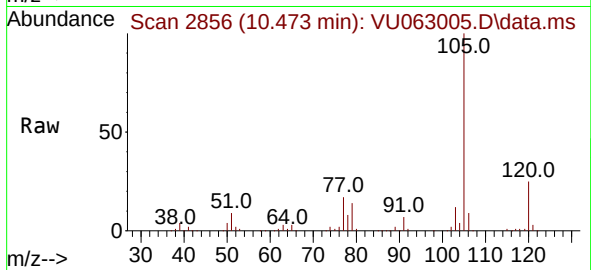
Tgt Ion:105 Resp: 149907

Ion Ratio Lower Upper

105 100

120 25.6 20.2 30.2

77 16.9 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 4.943 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. 0.000 min

Lab File: VU063005.D

Acq: 24 Jan 2025 20:09

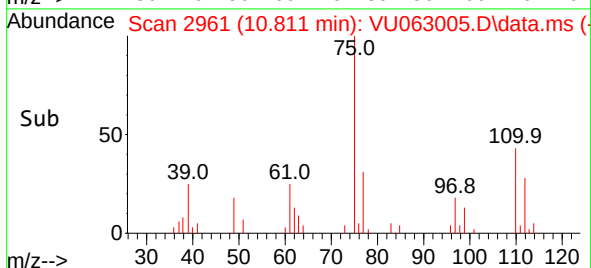
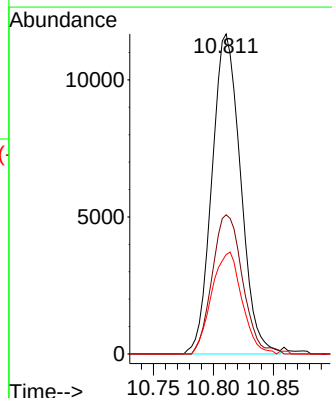
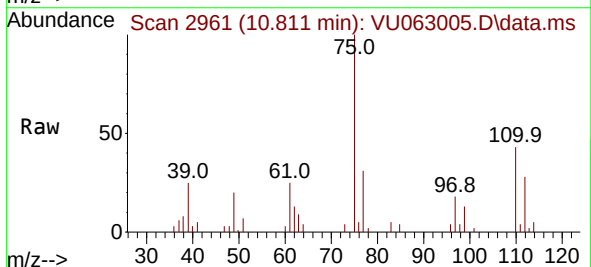
Tgt Ion: 75 Resp: 19385

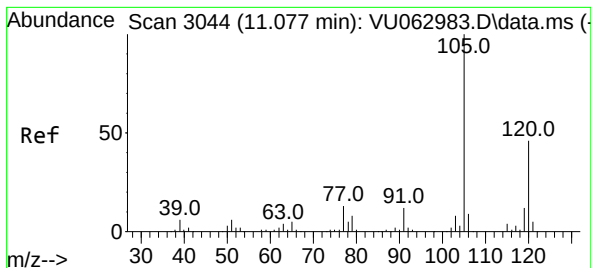
Ion Ratio Lower Upper

75 100

110 46.1 33.2 49.8

77 33.6 25.9 38.9





#62

1,3,5-Trimethylbenzene

Concen: 5.002 ug/L

RT: 11.077 min Scan# 3044

Delta R.T. 0.000 min

Lab File: VU063005.D

Acq: 24 Jan 2025 20:09

Instrument :

MSVOA_U

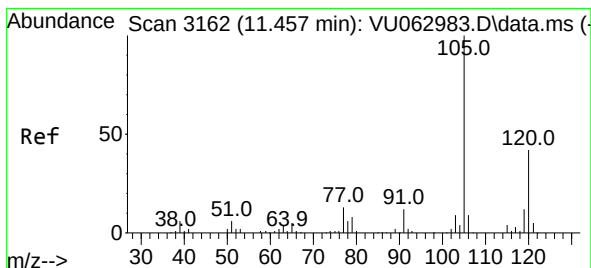
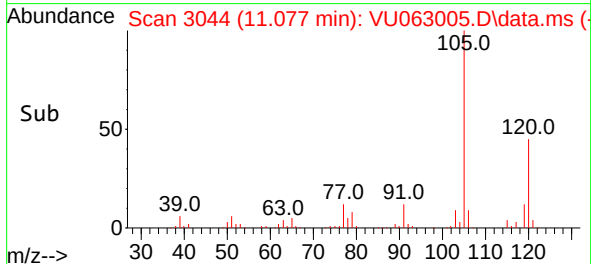
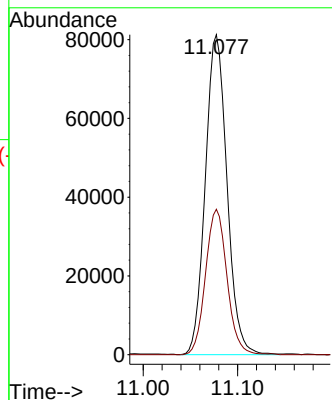
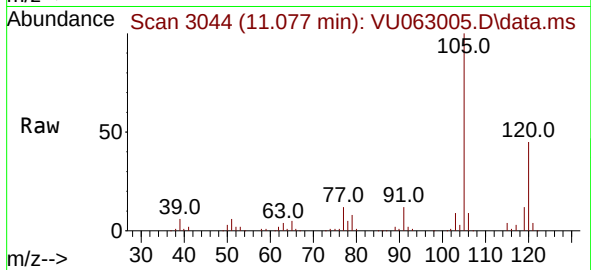
ClientSampleId :

Tgt Ion:105 Resp: 129539

Ion Ratio Lower Upper

105 100

120 45.0 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 5.072 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VU063005.D

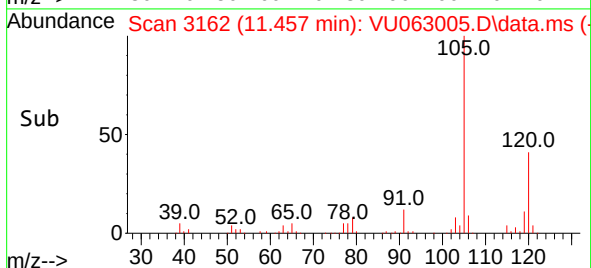
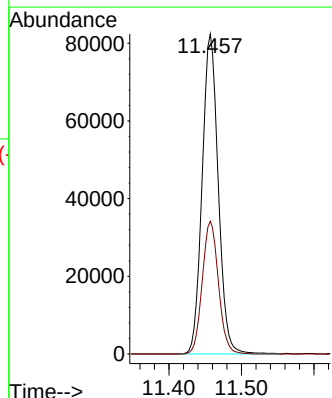
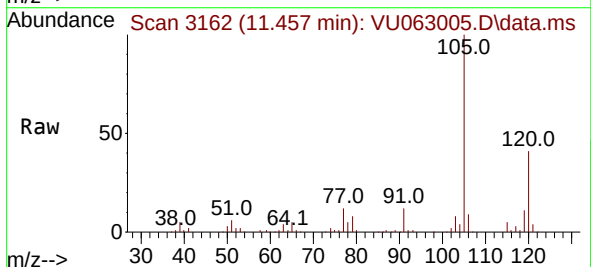
Acq: 24 Jan 2025 20:09

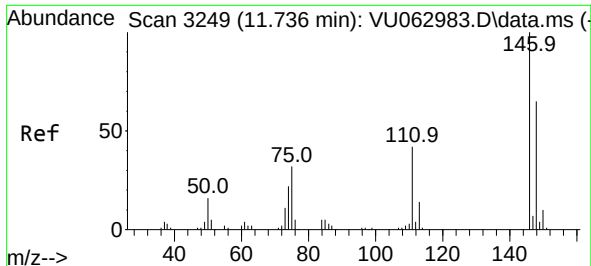
Tgt Ion:105 Resp: 127066

Ion Ratio Lower Upper

105 100

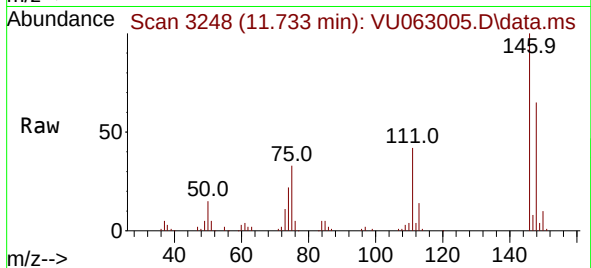
120 41.5 34.2 51.2



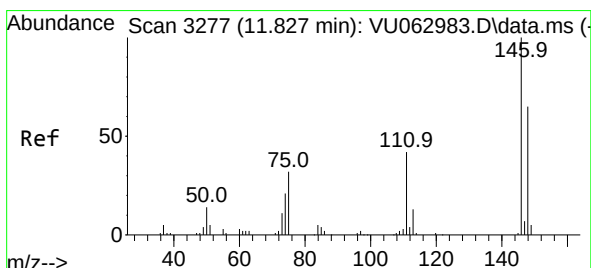
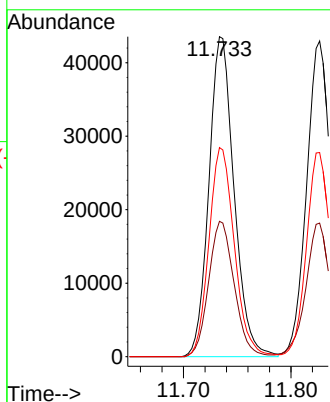
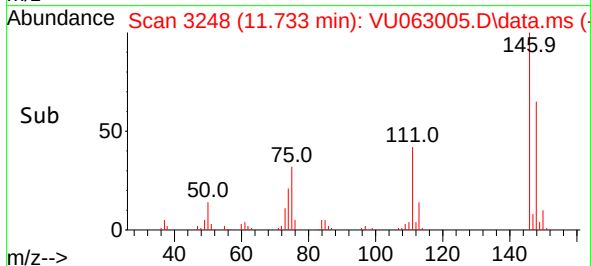


#64
1,3-Dichlorobenzene
Concen: 5.008 ug/L
RT: 11.733 min Scan# 3248
Delta R.T. -0.003 min
Lab File: VU063005.D
Acq: 24 Jan 2025 20:09

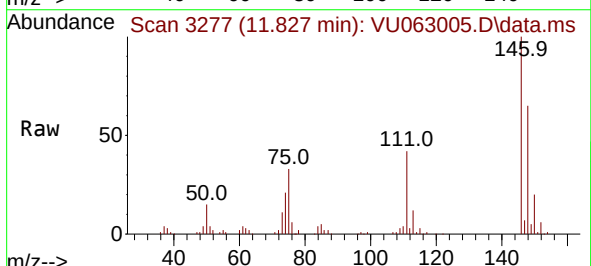
Instrument :
MSVOA_U
ClientSampleId :



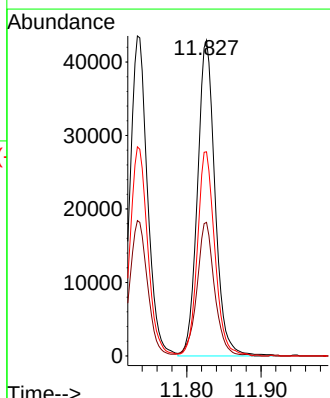
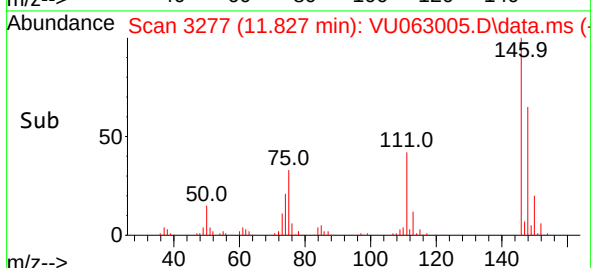
Tgt Ion:146 Resp: 70740
Ion Ratio Lower Upper
146 100
111 42.3 28.6 53.0
148 65.4 44.0 81.6

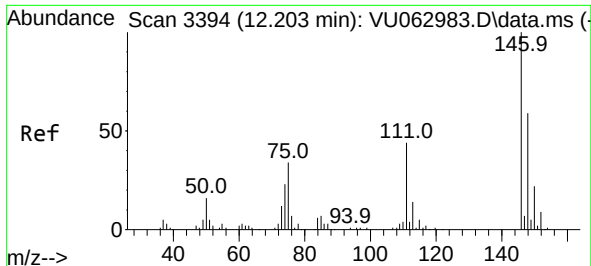


#65
1,4-Dichlorobenzene
Concen: 4.969 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU063005.D
Acq: 24 Jan 2025 20:09



Tgt Ion:146 Resp: 70775
Ion Ratio Lower Upper
146 100
111 42.3 29.5 54.9
148 64.7 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 4.985 ug/L

RT: 12.203 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU063005.D

Acq: 24 Jan 2025 20:09

Instrument :

MSVOA_U

ClientSampleId :

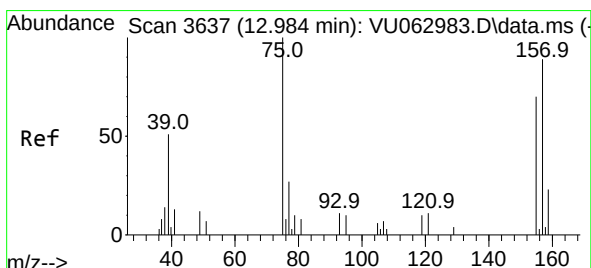
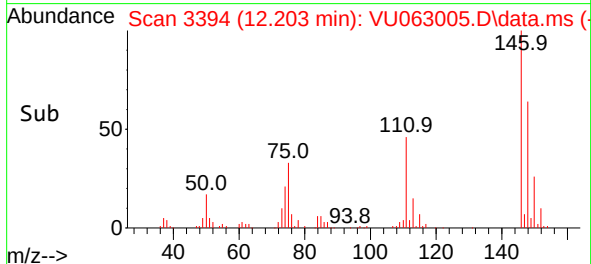
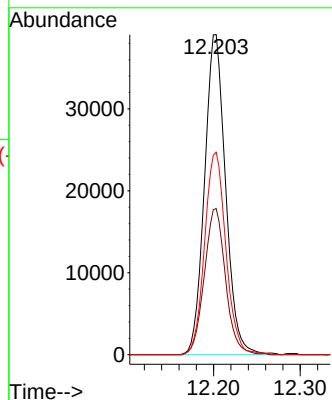
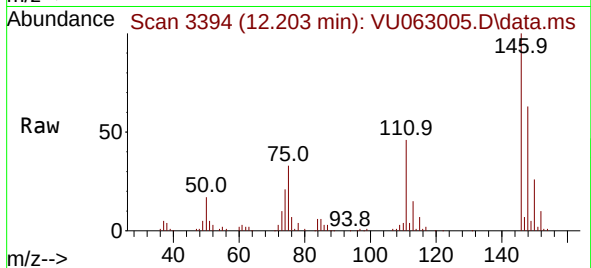
Tgt Ion:146 Resp: 65988

Ion Ratio Lower Upper

146 100

111 45.6 36.3 54.5

148 63.3 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.008 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.003 min

Lab File: VU063005.D

Acq: 24 Jan 2025 20:09

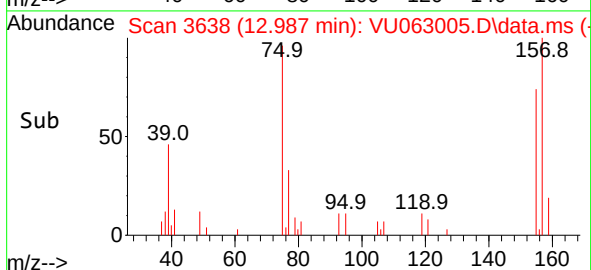
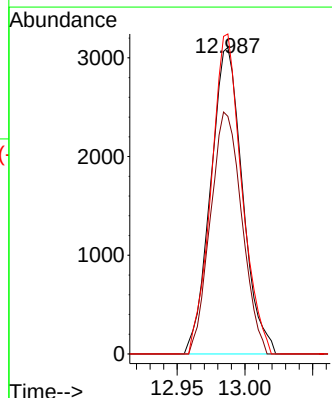
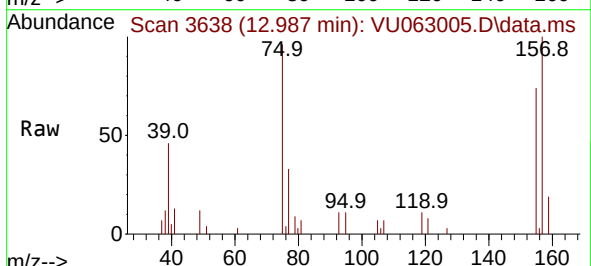
Tgt Ion: 75 Resp: 5088

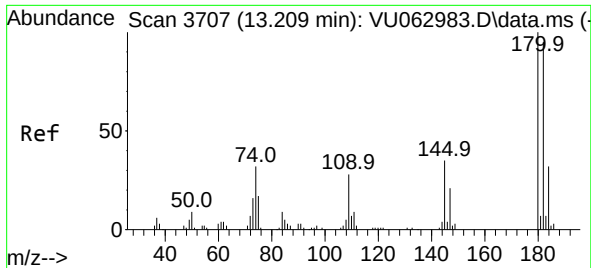
Ion Ratio Lower Upper

75 100

155 77.5 59.6 89.4

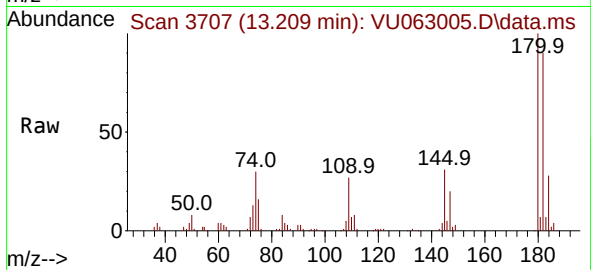
157 104.4 70.8 106.2



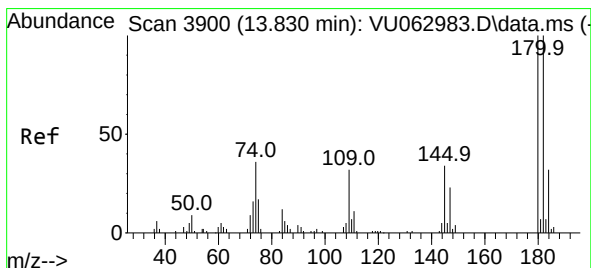
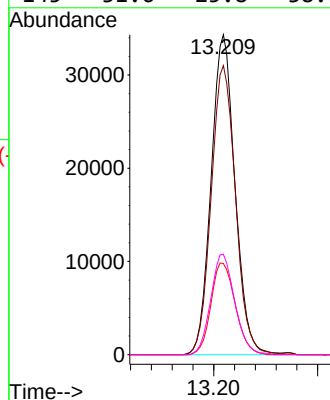
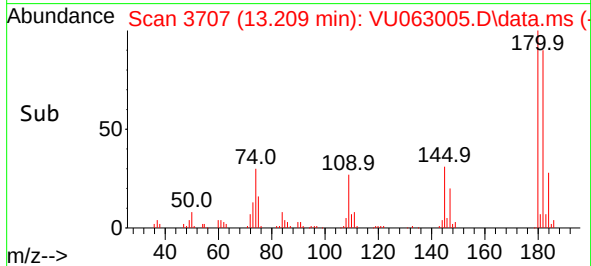


#69
 1,3,5-Trichlorobenzene
 Concen: 5.134 ug/L
 RT: 13.209 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU063005.D
 Acq: 24 Jan 2025 20:09

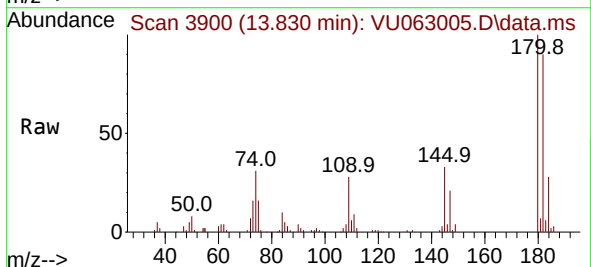
Instrument :
 MSVOA_U
 ClientSampleId :



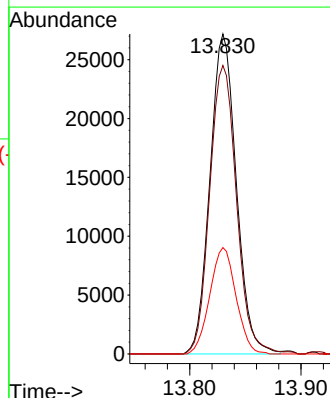
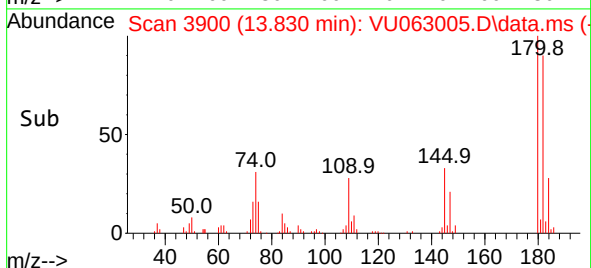
Tgt Ion:180 Resp: 54619
 Ion Ratio Lower Upper
 180 100
 182 92.2 75.8 113.8
 184 29.2 24.7 37.1
 145 31.6 25.8 38.6

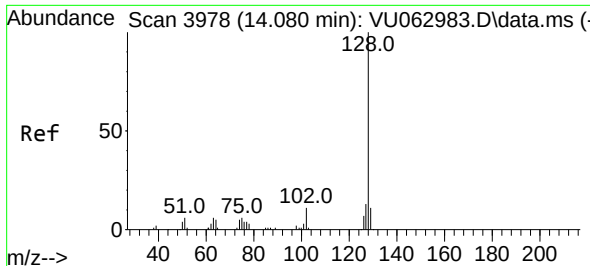


#70
 1,2,4-trichlorobenzene
 Concen: 5.215 ug/L
 RT: 13.830 min Scan# 3900
 Delta R.T. 0.000 min
 Lab File: VU063005.D
 Acq: 24 Jan 2025 20:09



Tgt Ion:180 Resp: 44679
 Ion Ratio Lower Upper
 180 100
 182 92.0 77.1 115.7
 145 33.0 26.9 40.3

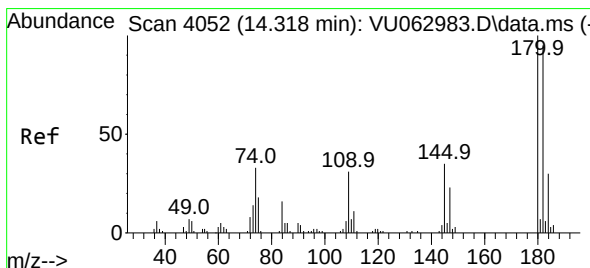
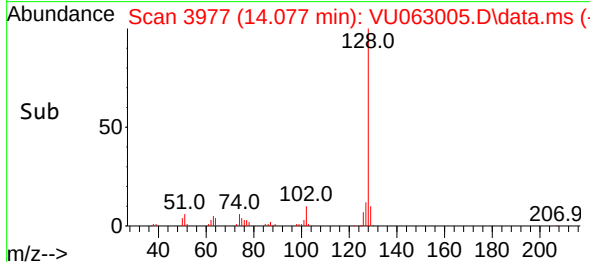
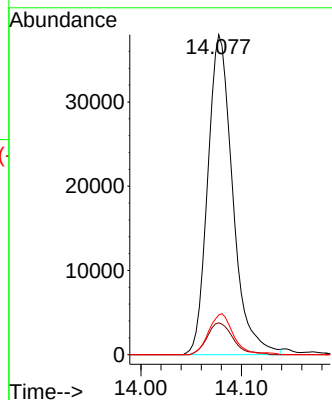
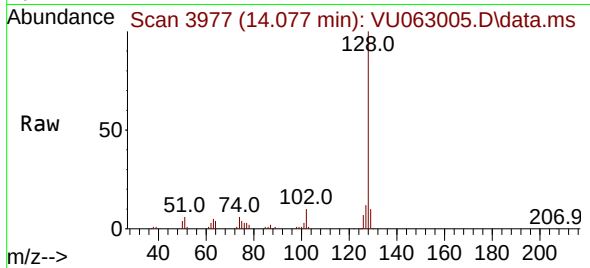




#71
Naphthalene
Concen: 5.228 ug/L
RT: 14.077 min Scan# 3978
Delta R.T. -0.003 min
Lab File: VU063005.D
Acq: 24 Jan 2025 20:09

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128	Resp:	65538
Ion Ratio	Lower	Upper
128	100	
129	10.3	8.5 12.7
127	12.4	10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.138 ug/L
RT: 14.319 min Scan# 4052
Delta R.T. 0.000 min
Lab File: VU063005.D
Acq: 24 Jan 2025 20:09

Tgt Ion:180	Resp:	38372
Ion Ratio	Lower	Upper
180	100	
182	94.4	79.8 119.6
145	32.8	29.2 43.8

