

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063036.D
 Acq On : 27 Jan 2025 23:57
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 29 07:33:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 29 07:27:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	104479	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	95868	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	57181	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	14822	3.946	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.904	69	13918	4.881	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.557	65	10531	4.689	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	4.602	46	50630	46.447	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.900%
24) Chloroform-d	5.049	84	67770	4.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.685	65	39979	4.694	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.714	84	98927	4.516	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.676	67	25030	4.487	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.885	98	102080	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	8.168	79	15736	4.557	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.618	63	44091	51.172	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.340%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	25848	4.880	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	47897	4.679	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	40189	4.294	ug/L	96
3) Chloromethane	1.515	50	15935	3.540	ug/L	99
5) Vinyl chloride	1.599	62	20251	4.029	ug/L	95
6) Bromomethane	1.850	94	9329	3.880	ug/L	88
8) Chloroethane	1.927	64	12693	5.001	ug/L	95
9) Trichlorofluoromethane	2.129	101	64198	5.052	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	30858	4.935	ug/L	90
12) 1,1-Dichloroethene	2.570	96	26117	4.812	ug/L	90
13) Acetone	2.612	43	34002	48.240	ug/L	96
14) Carbon disulfide	2.782	76	65843	4.735	ug/L	99
15) Methyl Acetate	2.936	43	6812	5.032	ug/L #	87
16) Methylene chloride	3.033	84	26577	4.645	ug/L	95
17) Methyl tert-butyl Ether	3.348	73	79210	4.872	ug/L	96
18) trans-1,2-Dichloroethene	3.341	96	28108	4.839	ug/L	91
19) 1,1-Dichloroethane	3.853	63	45102	4.480	ug/L	88
21) 2-Butanone	4.685	43	45050	46.862	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	32113	4.626	ug/L	91
23) Bromochloromethane	4.962	128	16805	4.824	ug/L #	82
25) Chloroform	5.071	83	66510	4.572	ug/L	100

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 ClientSampleId :

Quant Time: Jan 29 07:33:37 2025
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 29 07:27:08 2025
 Response via : Initial Calibration

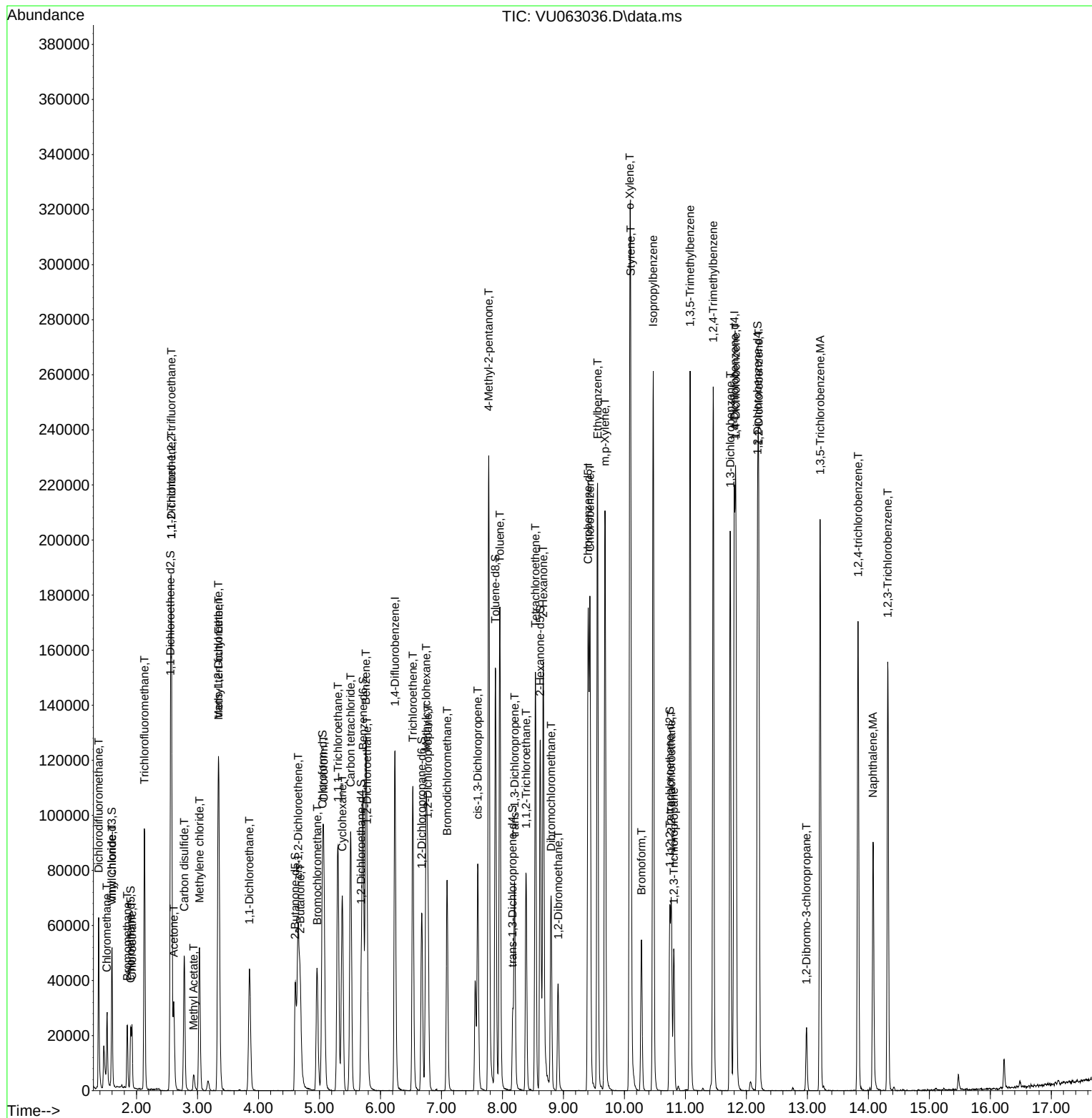
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	46490	4.560	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	71895	4.836	ug/L	97
30) Cyclohexane	5.374	56	31791	4.591	ug/L #	81
31) Carbon tetrachloride	5.512	117	68301	4.772	ug/L	99
33) Benzene	5.759	78	106901	4.603	ug/L	100
34) Trichloroethene	6.531	95	36531	4.629	ug/L	94
35) Methylcyclohexane	6.750	83	44241	4.449	ug/L	93
37) 1,2-Dichloropropane	6.779	63	22738	4.353	ug/L #	95
38) Bromodichloromethane	7.094	83	50149	4.791	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	47163	4.795	ug/L	98
40) 4-Methyl-2-pentanone	7.775	43	118311	46.949	ug/L #	95
42) Toluene	7.959	91	130644	4.732	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	43849	4.840	ug/L	97
45) 1,1,2-Trichloroethane	8.386	97	23963	4.874	ug/L	92
47) Tetrachloroethene	8.541	164	34446	5.018	ug/L	93
48) 2-Hexanone	8.669	43	85983	49.192	ug/L #	97
49) Dibromochloromethane	8.798	129	38059	4.961	ug/L	95
50) 1,2-Dibromoethane	8.914	107	25072	5.048	ug/L	98
51) Chlorobenzene	9.434	112	93466	4.883	ug/L	96
52) Ethylbenzene	9.560	91	159395	4.954	ug/L	98
53) m,p-Xylene	9.682	106	61244	4.929	ug/L	97
54) o-Xylene	10.090	106	57496	5.051	ug/L	99
55) Styrene	10.103	104	97519	5.068	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.769	83	26635	4.842	ug/L #	96
59) Bromoform	10.280	173	26006	4.786	ug/L #	97
60) Isopropylbenzene	10.473	105	171538	4.734	ug/L	98
61) 1,2,3-Trichloropropane	10.811	75	20926	4.548	ug/L	96
62) 1,3,5-Trimethylbenzene	11.078	105	147477	4.642	ug/L	98
63) 1,2,4-Trimethylbenzene	11.457	105	147614	4.913	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	86950	4.727	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	87021	4.716	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	79464	4.591	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.984	75	6176	5.075	ug/L #	77
69) 1,3,5-Trichlorobenzene	13.209	180	69088	4.701	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	56845	4.943	ug/L	99
71) Naphthalene	14.077	128	78883	5.345	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	49676	4.999	ug/L	95

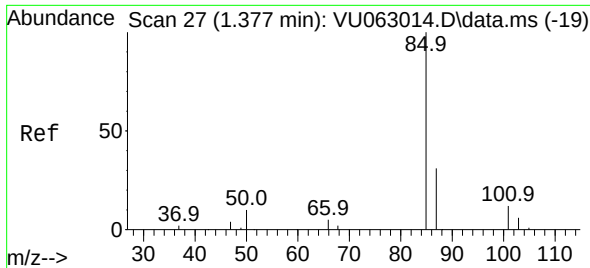
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ALS Vial : 33 Sample Multiplier: 1

Instrument :
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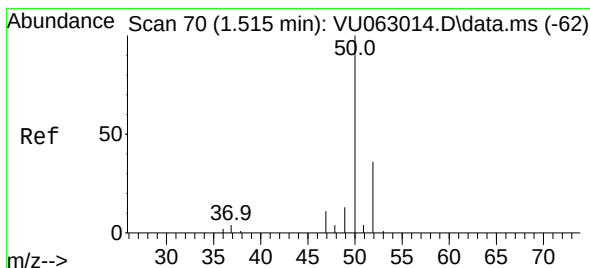
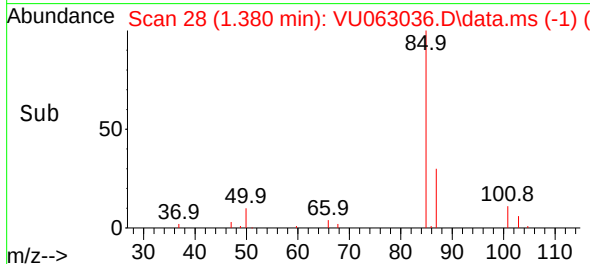
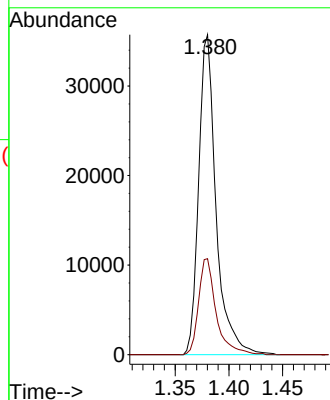
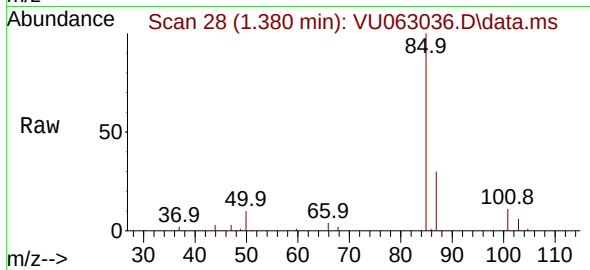




#2
 Dichlorodifluoromethane
 Concen: 4.294 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VU063036.D
 Acq: 27 Jan 2025 23:57

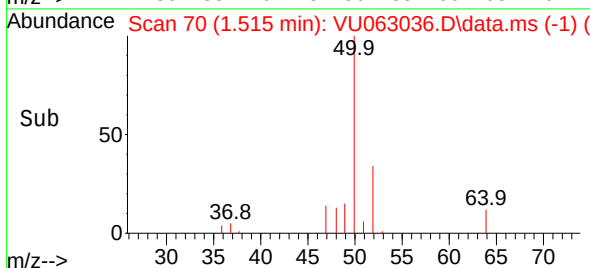
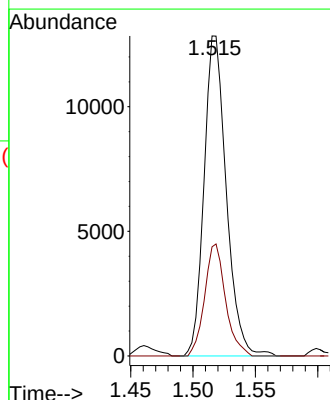
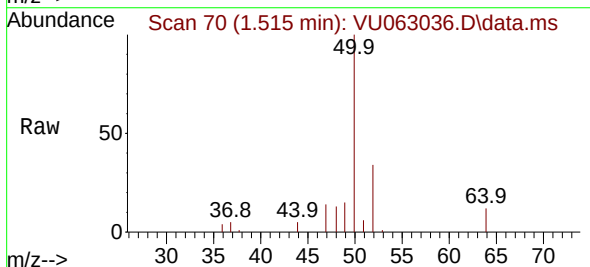
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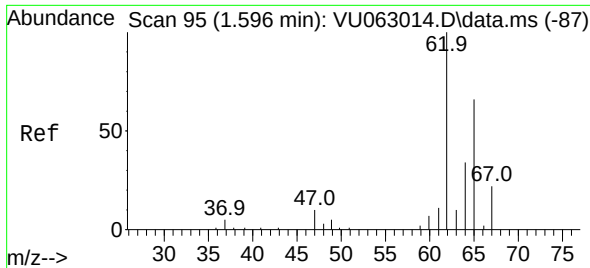
Tgt Ion: 85 Resp: 40189
 Ion Ratio Lower Upper
 85 100
 87 30.4 26.1 39.1



#3
 Chloromethane
 Concen: 3.540 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU063036.D
 Acq: 27 Jan 2025 23:57

Tgt Ion: 50 Resp: 15935
 Ion Ratio Lower Upper
 50 100
 52 34.1 24.1 44.7

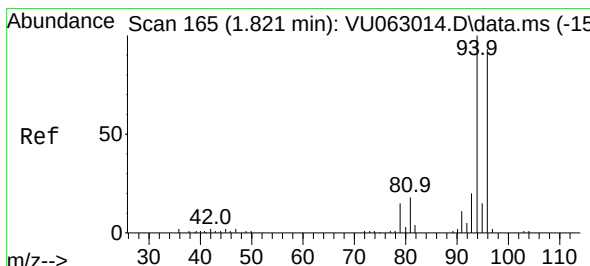
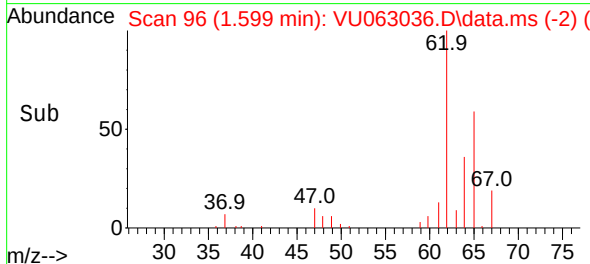
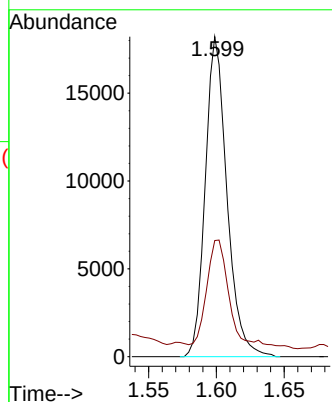
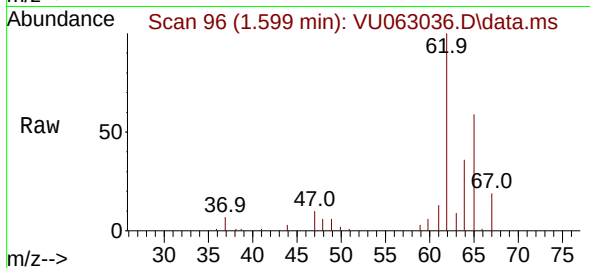




#5
 Vinyl chloride
 Concen: 4.029 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.003 min
 Lab File: VU063036.D
 Acq: 27 Jan 2025 23:57

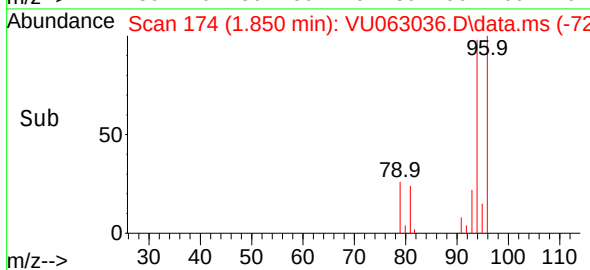
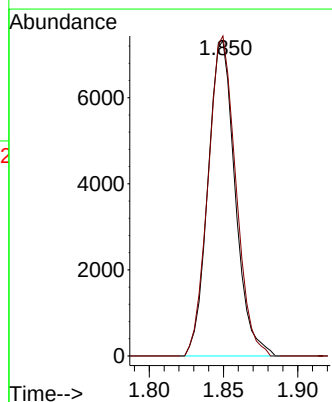
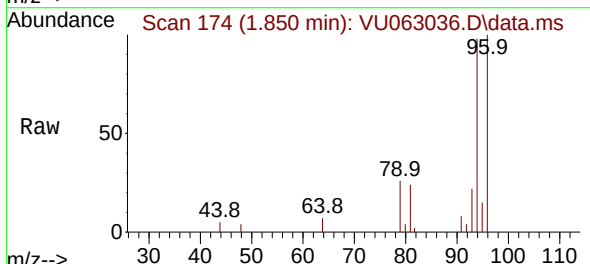
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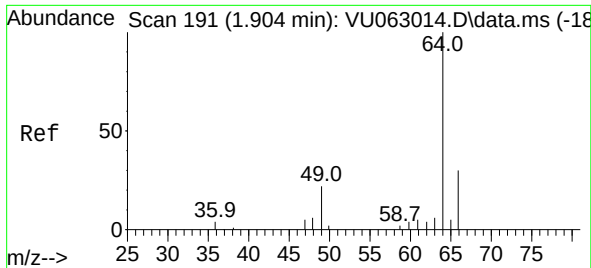
Tgt Ion: 62 Resp: 20251
 Ion Ratio Lower Upper
 62 100
 64 36.3 23.4 43.4



#6
 Bromomethane
 Concen: 3.880 ug/L
 RT: 1.850 min Scan# 174
 Delta R.T. 0.029 min
 Lab File: VU063036.D
 Acq: 27 Jan 2025 23:57

Tgt Ion: 94 Resp: 9329
 Ion Ratio Lower Upper
 94 100
 96 101.5 62.9 116.7

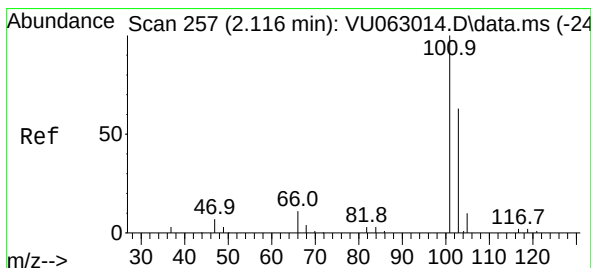
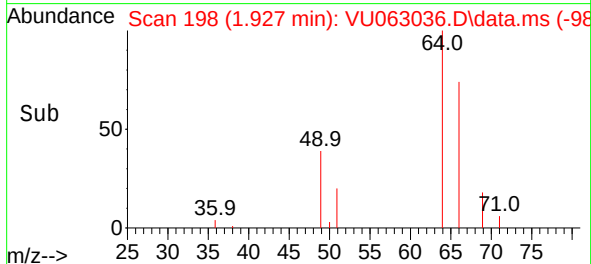
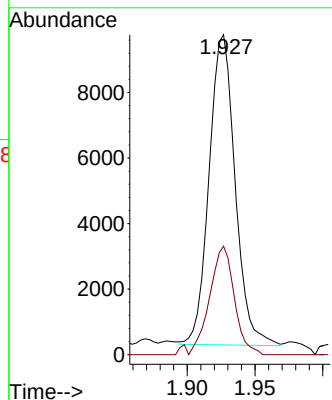
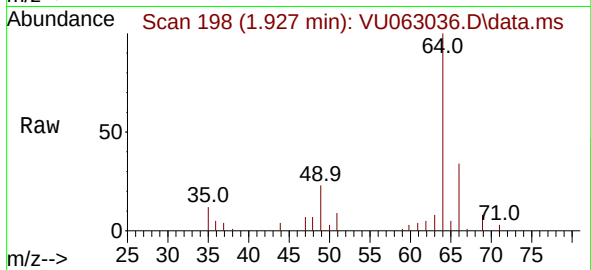




#8
Chloroethane
Concen: 5.001 ug/L
RT: 1.927 min Scan# 11
Delta R.T. 0.022 min
Lab File: VU063036.D
Acq: 27 Jan 2025 23:57

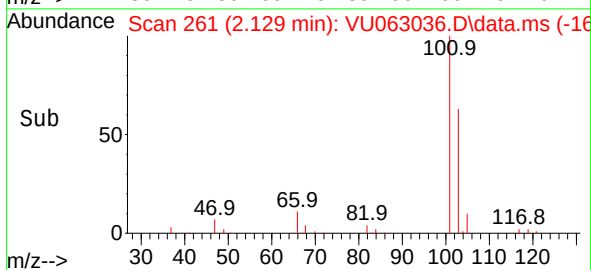
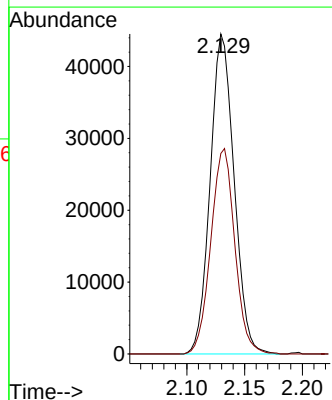
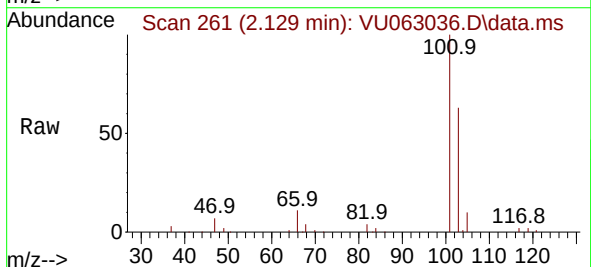
Instrument :
MSVOA_U
ClientSampleId :

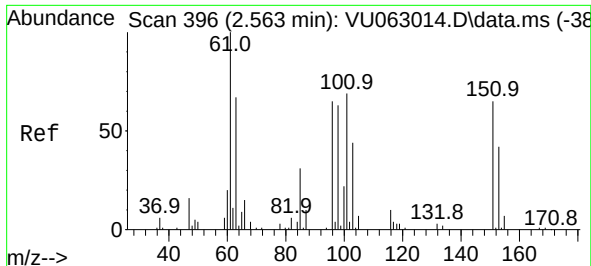
Tgt Ion: 64 Resp: 12693
Ion Ratio Lower Upper
64 100
66 33.9 21.6 40.2



#9
Trichlorofluoromethane
Concen: 5.052 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.013 min
Lab File: VU063036.D
Acq: 27 Jan 2025 23:57

Tgt Ion:101 Resp: 64198
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.0

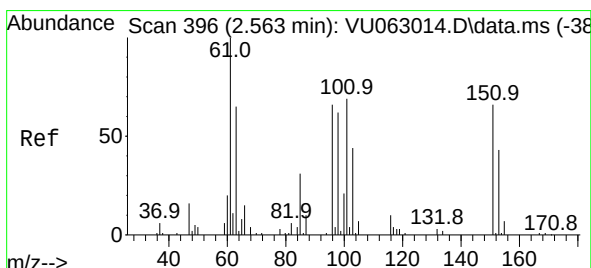
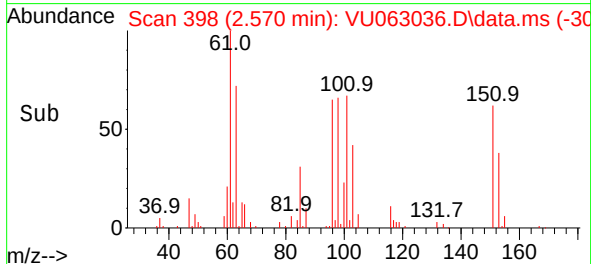
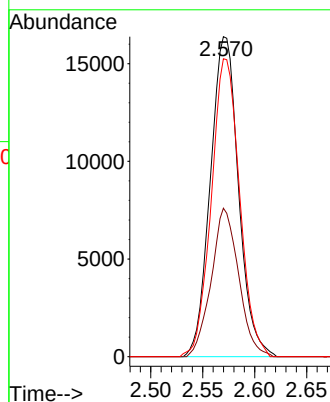
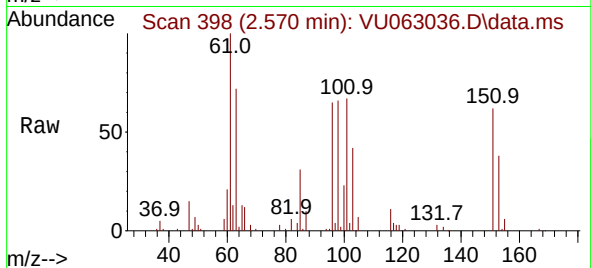




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.935 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.006 min
 Lab File: VU063036.D
 Acq: 27 Jan 2025 23:57

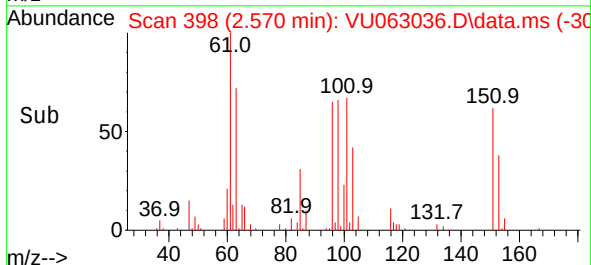
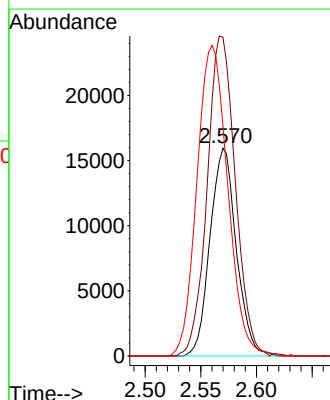
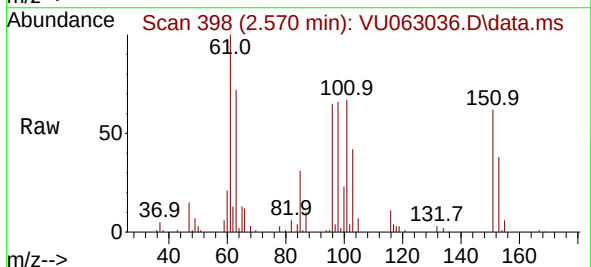
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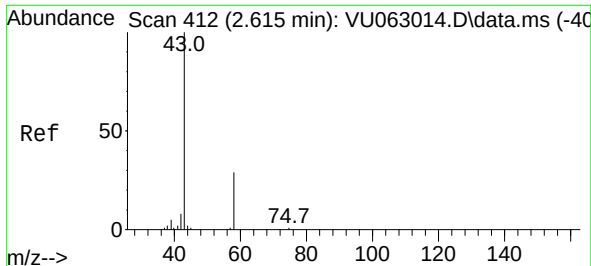
Tgt Ion:101 Resp: 30858
 Ion Ratio Lower Upper
 101 100
 85 45.2 37.0 55.6
 151 93.5 64.4 96.6



#12
 1,1-Dichloroethene
 Concen: 4.812 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.006 min
 Lab File: VU063036.D
 Acq: 27 Jan 2025 23:57

Tgt Ion: 96 Resp: 26117
 Ion Ratio Lower Upper
 96 100
 61 153.4 120.4 223.6
 63 111.0 82.3 152.9

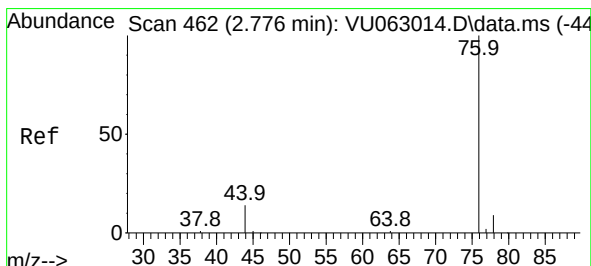
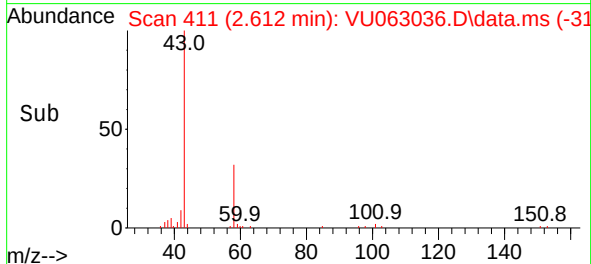
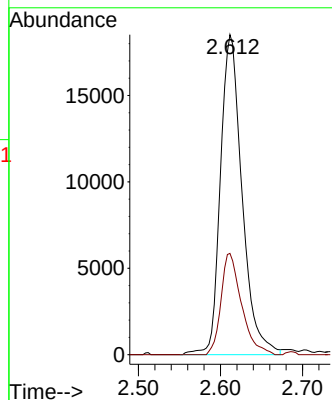
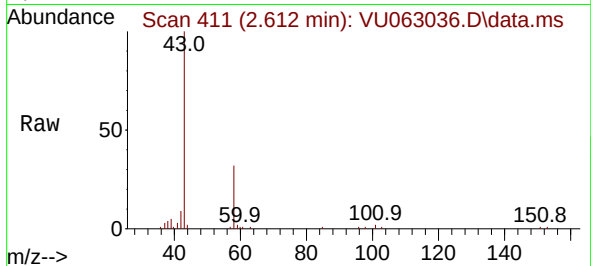




#13
Acetone
Concen: 48.240 ug/L
RT: 2.612 min Scan# 411
Delta R.T. -0.003 min
Lab File: VU063036.D
Acq: 27 Jan 2025 23:57

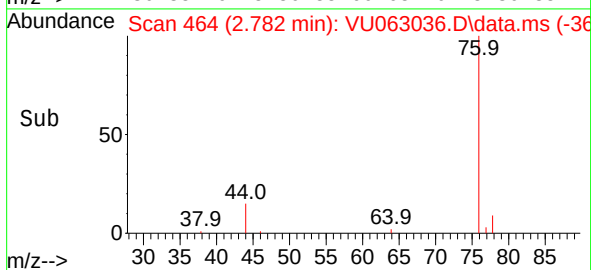
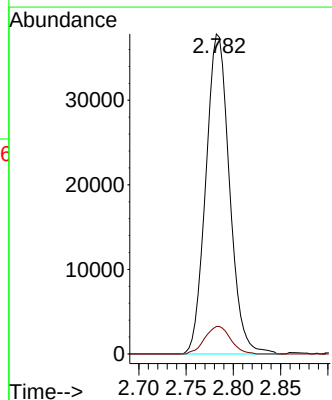
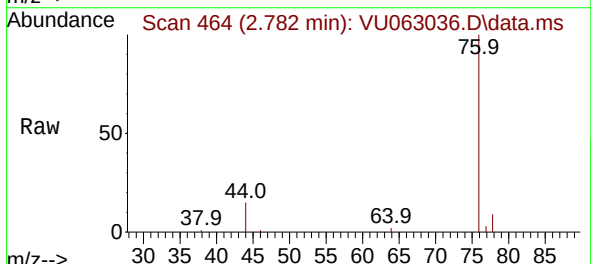
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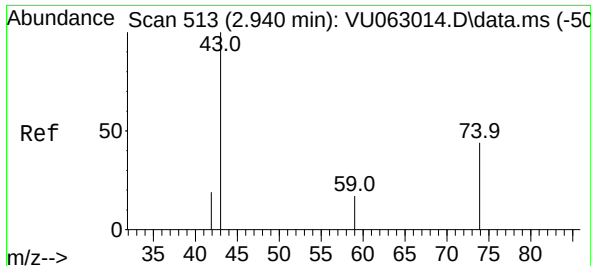
Tgt Ion: 43 Resp: 34002
Ion Ratio Lower Upper
43 100
58 29.9 0.0 64.4



#14
Carbon disulfide
Concen: 4.735 ug/L
RT: 2.782 min Scan# 464
Delta R.T. 0.006 min
Lab File: VU063036.D
Acq: 27 Jan 2025 23:57

Tgt Ion: 76 Resp: 65843
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6





#15

Methyl Acetate

Concen: 5.032 ug/L

RT: 2.936 min Scan# 51

Delta R.T. -0.003 min

Lab File: VU063036.D

Acq: 27 Jan 2025 23:57

Instrument :

MSVOA_U

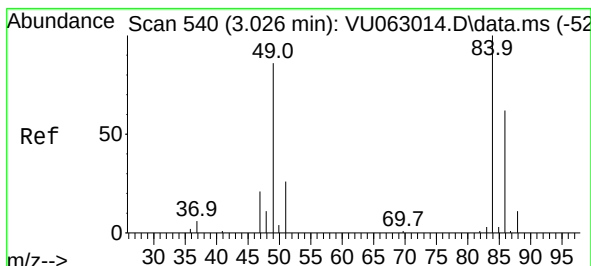
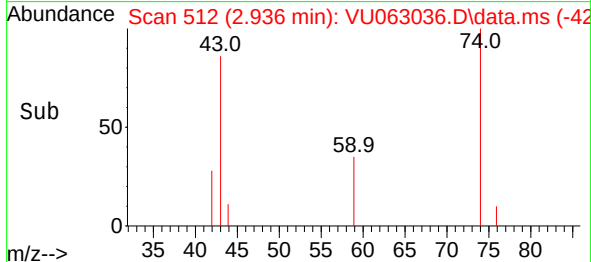
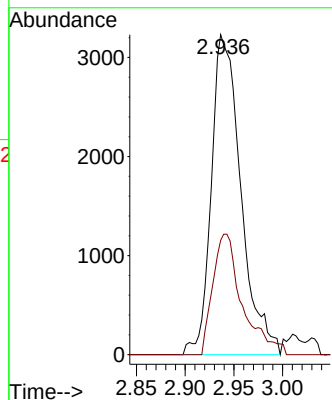
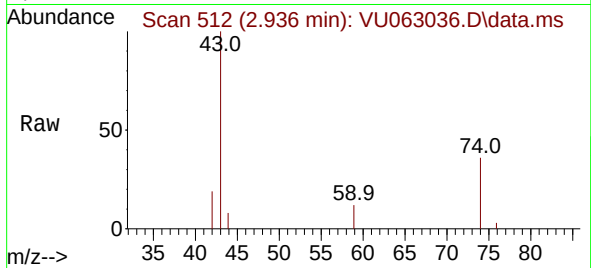
ClientSampleId :

Tgt Ion: 43 Resp: 6812

Ion Ratio Lower Upper

43 100

74 37.4 24.4 36.6#



#16

Methylene chloride

Concen: 4.645 ug/L

RT: 3.033 min Scan# 542

Delta R.T. 0.006 min

Lab File: VU063036.D

Acq: 27 Jan 2025 23:57

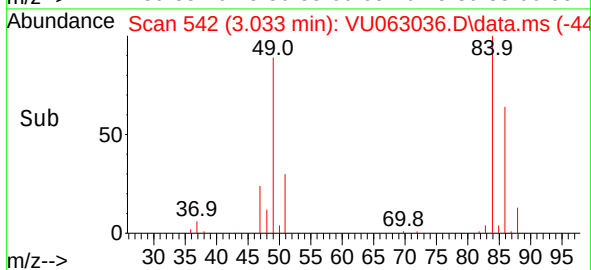
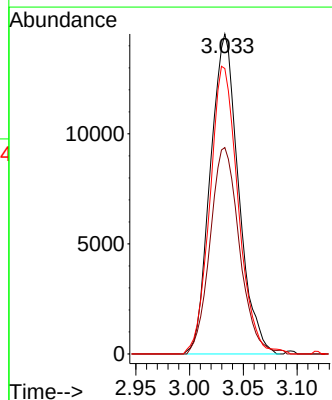
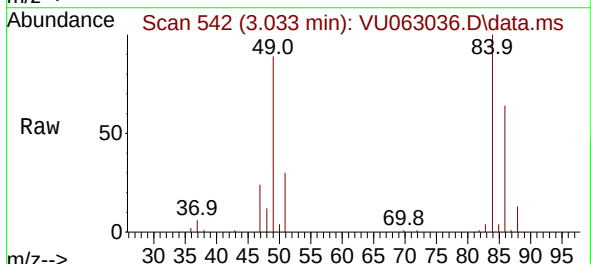
Tgt Ion: 84 Resp: 26577

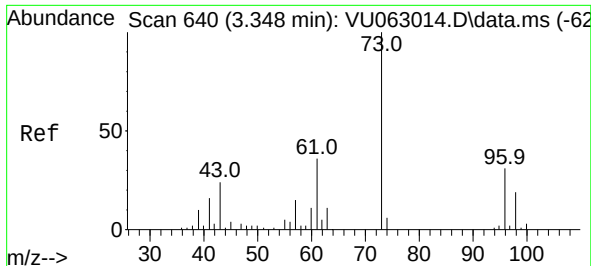
Ion Ratio Lower Upper

84 100

86 64.5 44.7 83.1

49 89.2 68.3 126.9





#17

Methyl tert-butyl Ether

Concen: 4.872 ug/L

RT: 3.348 min Scan# 640

Delta R.T. -0.000 min

Lab File: VU063036.D

Acq: 27 Jan 2025 23:57

Instrument :

MSVOA_U

ClientSampleId :

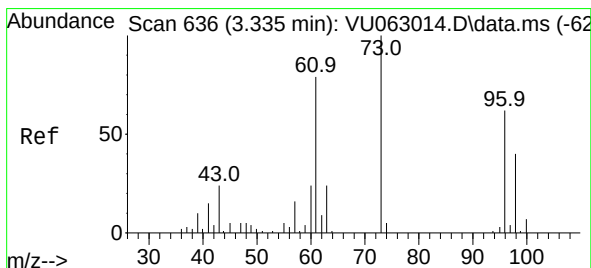
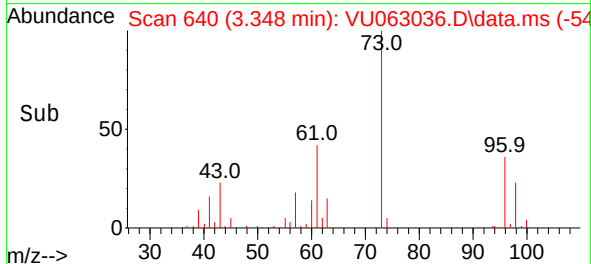
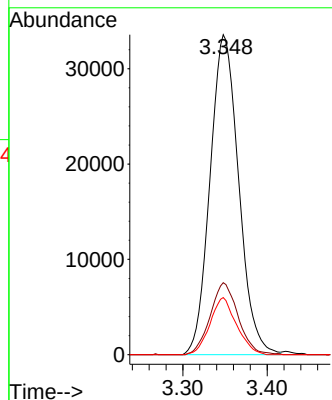
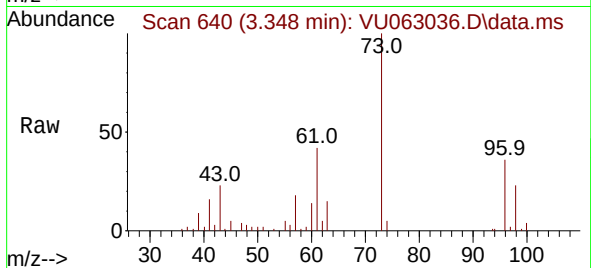
Tgt Ion: 73 Resp: 79210

Ion Ratio Lower Upper

73 100

43 22.0 16.2 24.4

57 16.6 14.6 22.0



#18

trans-1,2-Dichloroethene

Concen: 4.839 ug/L

RT: 3.341 min Scan# 638

Delta R.T. 0.006 min

Lab File: VU063036.D

Acq: 27 Jan 2025 23:57

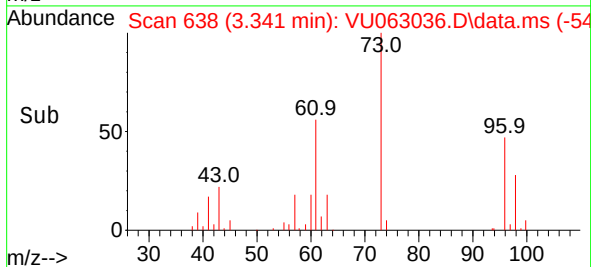
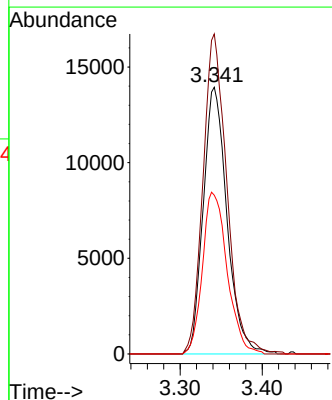
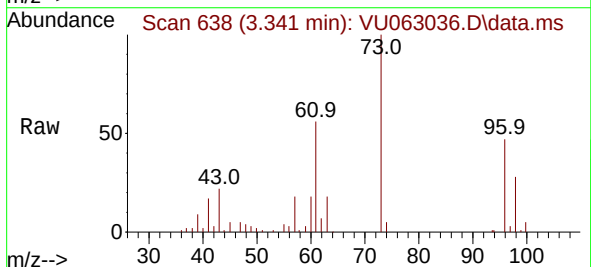
Tgt Ion: 96 Resp: 28108

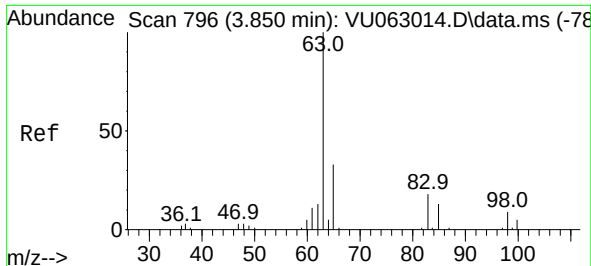
Ion Ratio Lower Upper

96 100

61 120.0 94.4 175.2

98 59.5 42.8 79.4

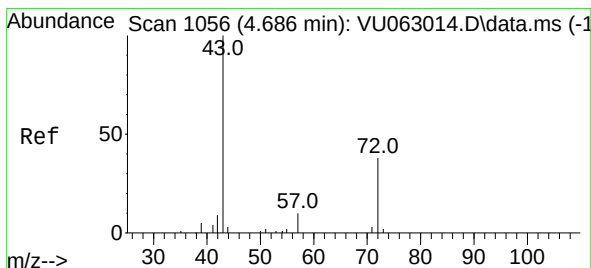
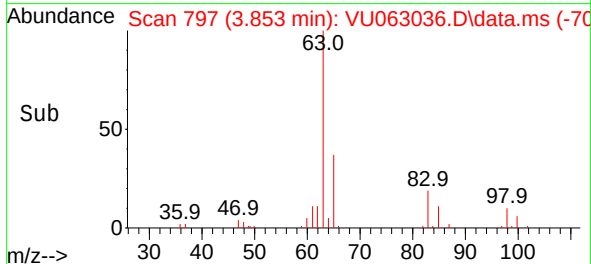
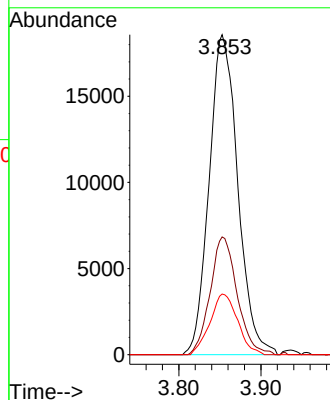
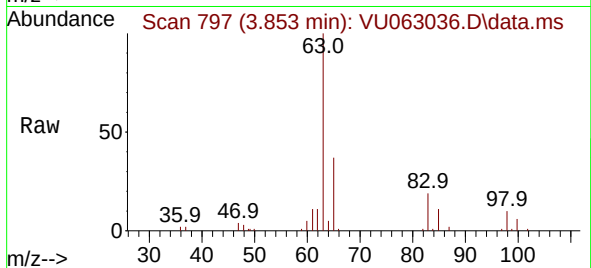




#19
1,1-Dichloroethane
Concen: 4.480 ug/L
RT: 3.853 min Scan# 796
Delta R.T. 0.003 min
Lab File: VU063036.D
Acq: 27 Jan 2025 23:57

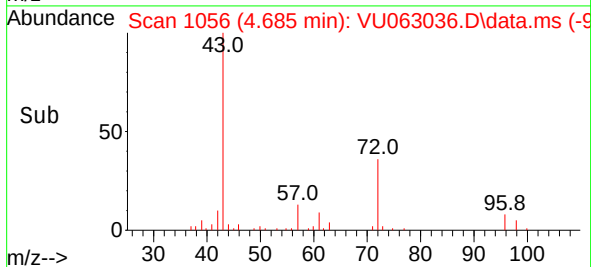
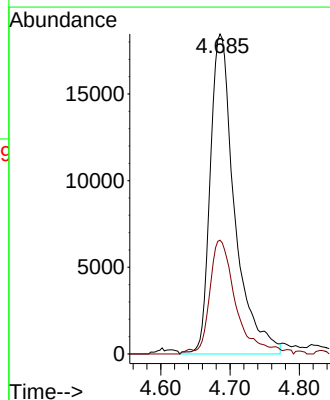
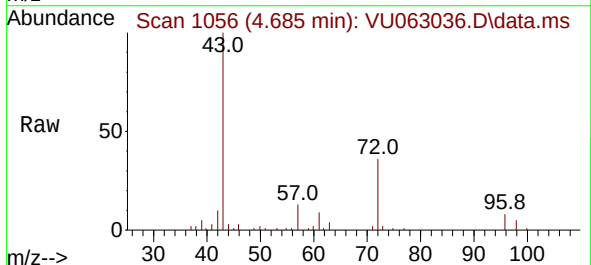
Instrument :
MSVOA_U
ClientSampleId :

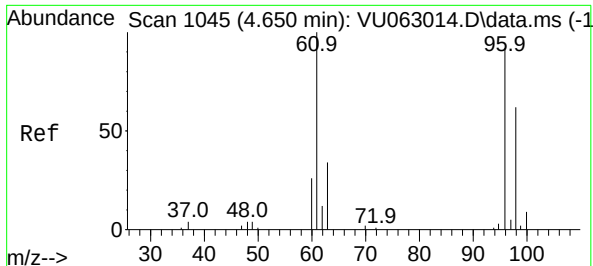
Tgt Ion: 63 Resp: 45102
Ion Ratio Lower Upper
63 100
65 36.8 20.7 38.5
83 19.0 10.5 19.5



#21
2-Butanone
Concen: 46.862 ug/L
RT: 4.685 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VU063036.D
Acq: 27 Jan 2025 23:57

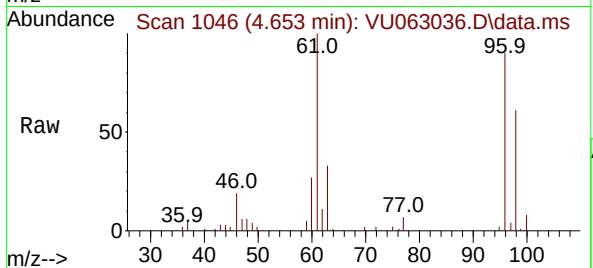
Tgt Ion: 43 Resp: 45050
Ion Ratio Lower Upper
43 100
72 34.7 17.1 51.2



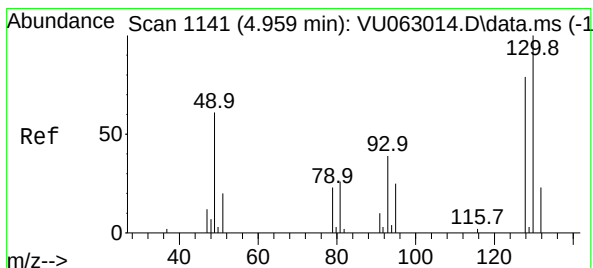
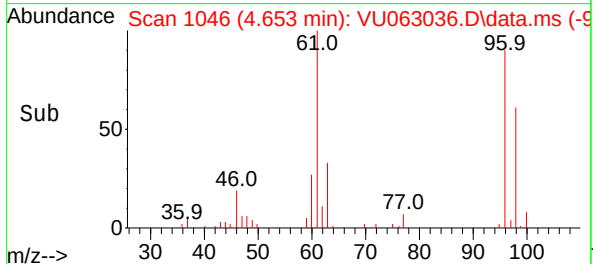
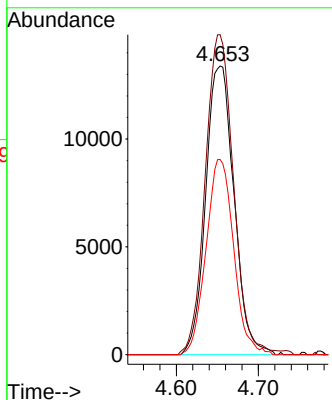


#22
 cis-1,2-Dichloroethene
 Concen: 4.626 ug/L
 RT: 4.653 min Scan# 1045
 Delta R.T. 0.003 min
 Lab File: VU063036.D
 Acq: 27 Jan 2025 23:57

Instrument :
 MSVOA_U
 ClientSampleId :

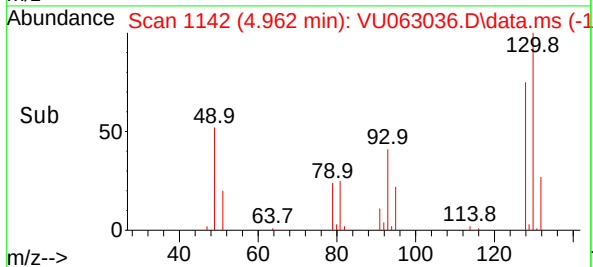
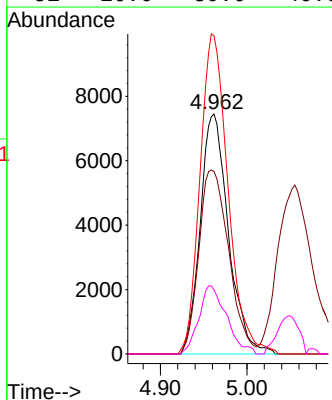
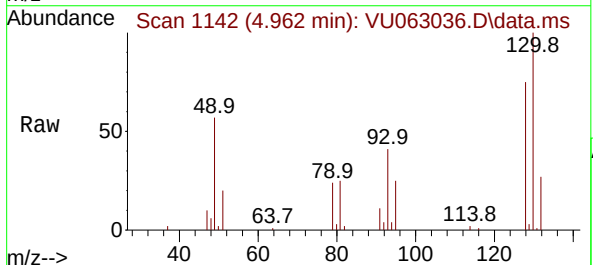


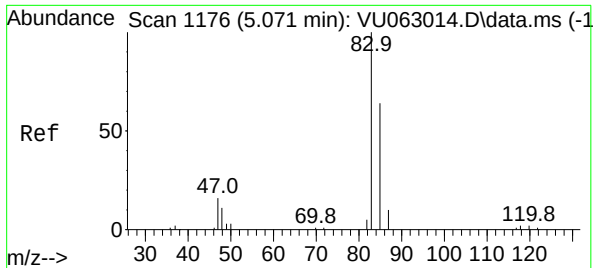
Tgt Ion: 96 Resp: 32113
 Ion Ratio Lower Upper
 96 100
 61 110.8 84.8 157.6
 98 67.6 43.1 80.1



#23
 Bromochloromethane
 Concen: 4.824 ug/L
 RT: 4.962 min Scan# 1142
 Delta R.T. 0.003 min
 Lab File: VU063036.D
 Acq: 27 Jan 2025 23:57

Tgt Ion:128 Resp: 16805
 Ion Ratio Lower Upper
 128 100
 49 76.1 81.1 150.7#
 130 132.7 94.9 176.3
 51 26.6 30.6 46.0#





#25

Chloroform

Concen: 4.572 ug/L

RT: 5.071 min Scan# 1176

Delta R.T. -0.000 min

Lab File: VU063036.D

Acq: 27 Jan 2025 23:57

Instrument :

MSVOA_U

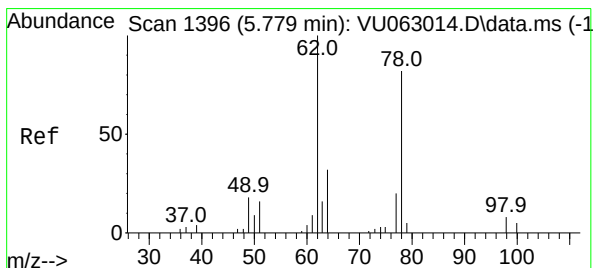
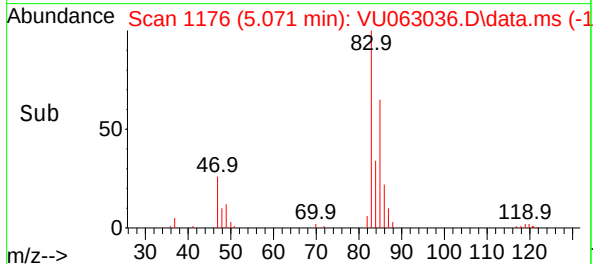
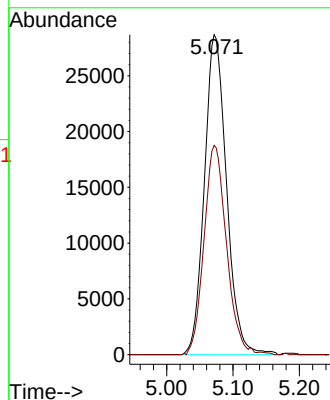
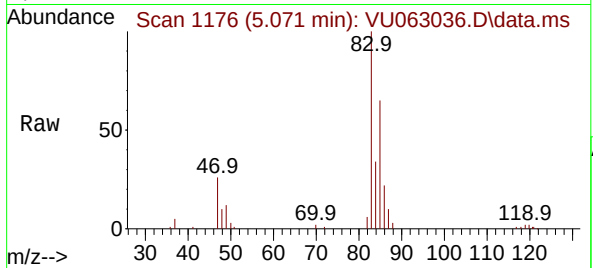
ClientSampleId :

Tgt Ion: 83 Resp: 66510

Ion Ratio Lower Upper

83 100

85 65.4 45.8 85.2



#27

1,2-Dichloroethane

Concen: 4.560 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VU063036.D

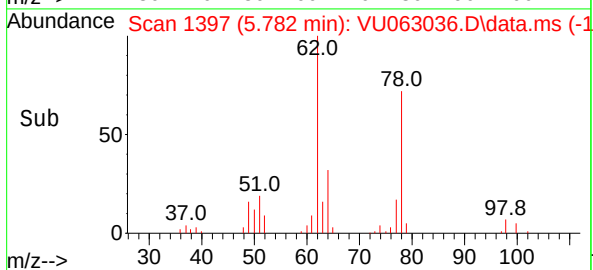
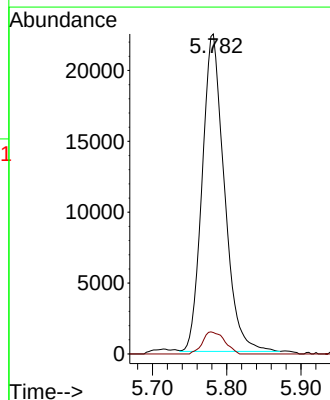
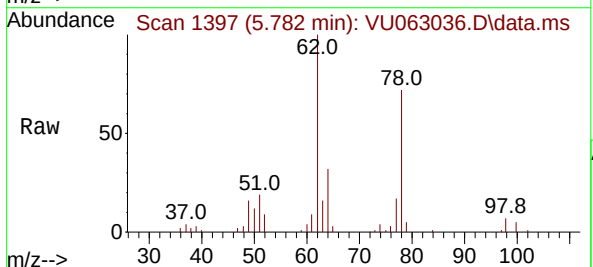
Acq: 27 Jan 2025 23:57

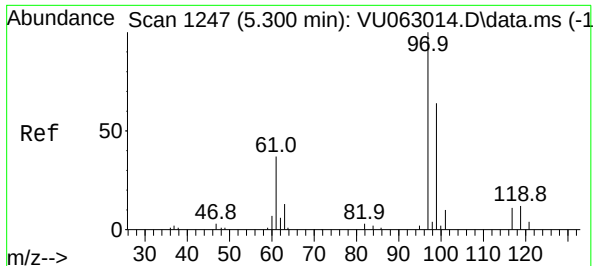
Tgt Ion: 62 Resp: 46490

Ion Ratio Lower Upper

62 100

98 6.7 5.8 8.6





#29

1,1,1-Trichloroethane

Concen: 4.836 ug/L

RT: 5.303 min Scan# 1247

Delta R.T. 0.003 min

Lab File: VU063036.D

Acq: 27 Jan 2025 23:57

Instrument :

MSVOA_U

ClientSampleId :

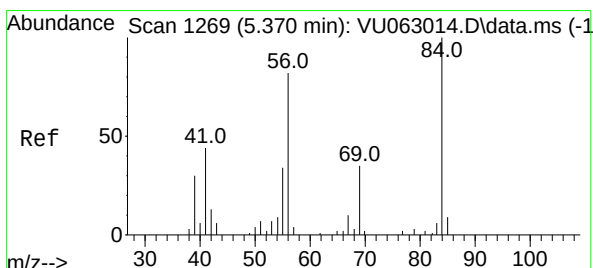
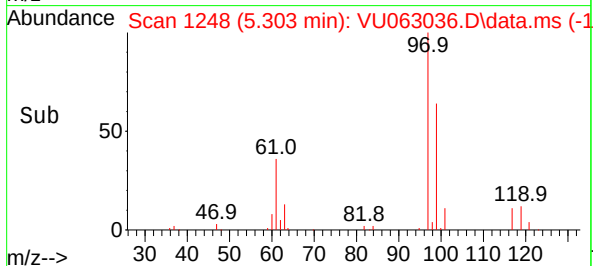
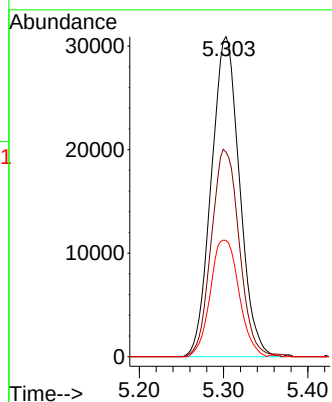
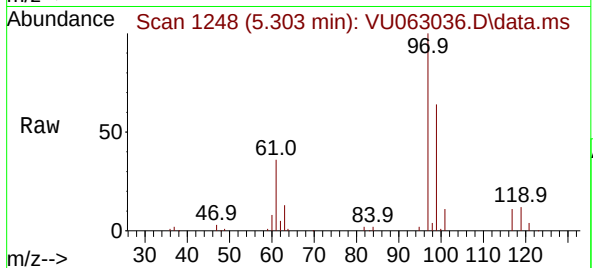
Tgt Ion: 97 Resp: 71895

Ion Ratio Lower Upper

97 100

99 64.3 52.4 78.6

61 37.0 32.2 48.4



#30

Cyclohexane

Concen: 4.591 ug/L

RT: 5.374 min Scan# 1270

Delta R.T. 0.003 min

Lab File: VU063036.D

Acq: 27 Jan 2025 23:57

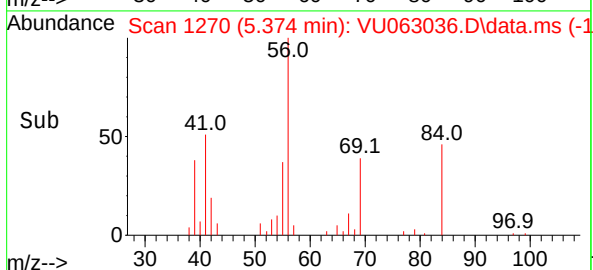
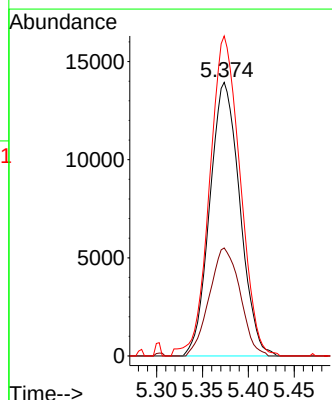
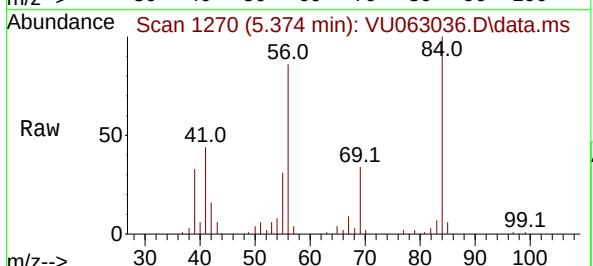
Tgt Ion: 56 Resp: 31791

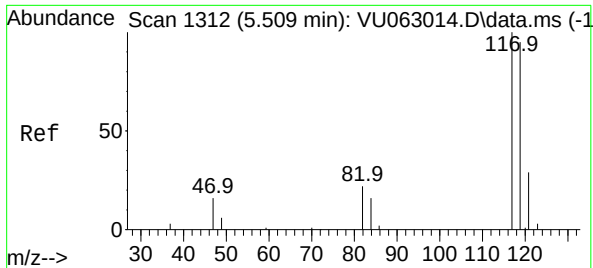
Ion Ratio Lower Upper

56 100

69 40.4 28.3 42.5

84 118.5 76.5 114.7#

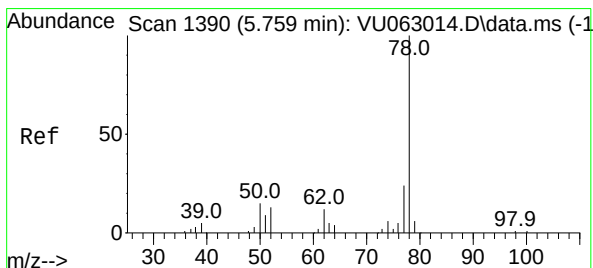
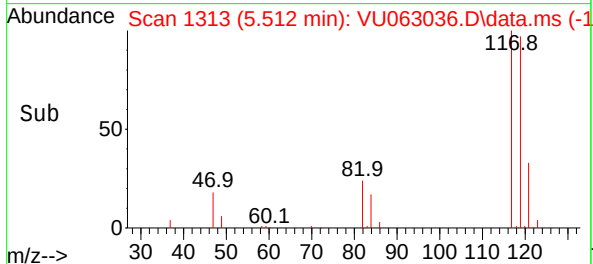
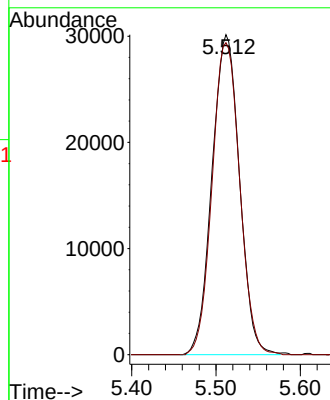
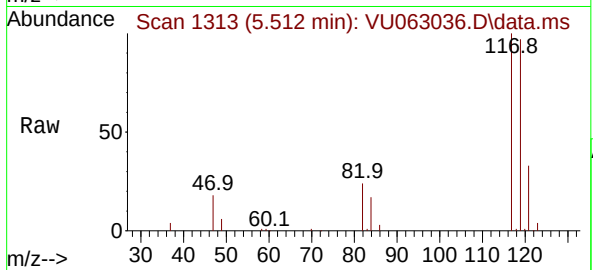




#31
Carbon tetrachloride
Concen: 4.772 ug/L
RT: 5.512 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU063036.D
Acq: 27 Jan 2025 23:57

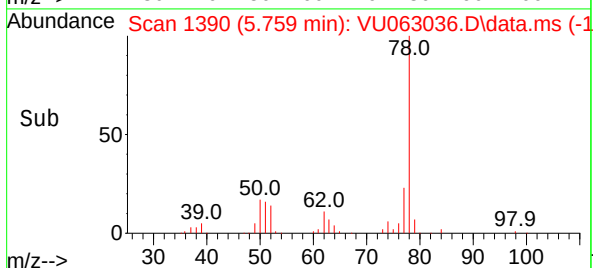
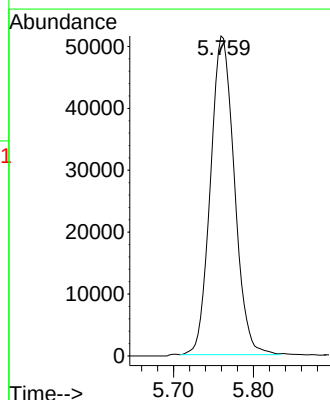
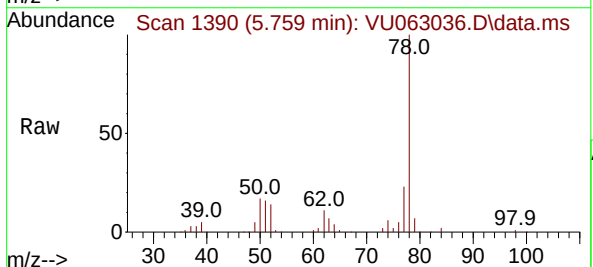
Instrument :
MSVOA_U
ClientSampleId :

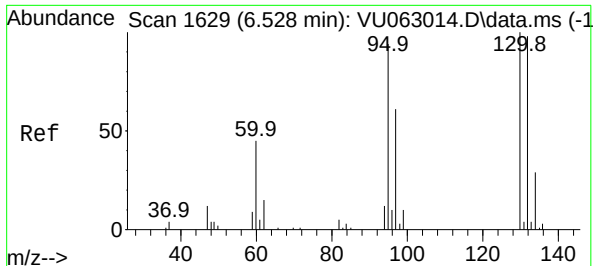
Tgt Ion:117 Resp: 68301
Ion Ratio Lower Upper
117 100
119 97.6 78.6 118.0



#33
Benzene
Concen: 4.603 ug/L
RT: 5.759 min Scan# 1390
Delta R.T. -0.000 min
Lab File: VU063036.D
Acq: 27 Jan 2025 23:57

Tgt Ion: 78 Resp: 106901





#34

Trichloroethene

Concen: 4.629 ug/L

RT: 6.531 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063036.D

Acq: 27 Jan 2025 23:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 36531

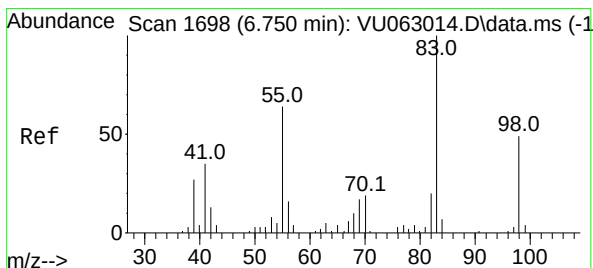
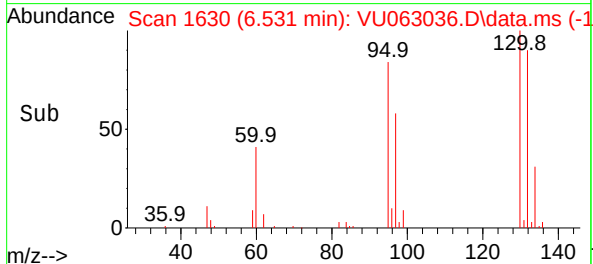
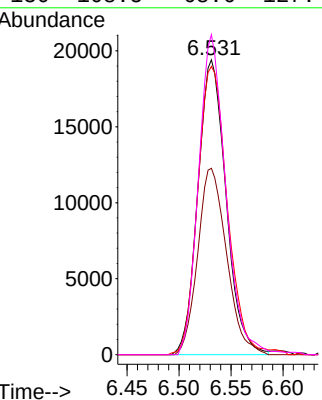
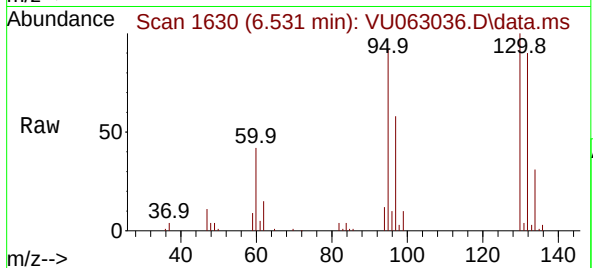
Ion Ratio Lower Upper

95 100

97 63.2 47.5 88.3

132 97.8 66.9 124.3

130 108.5 68.6 127.4



#35

Methylcyclohexane

Concen: 4.449 ug/L

RT: 6.750 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VU063036.D

Acq: 27 Jan 2025 23:57

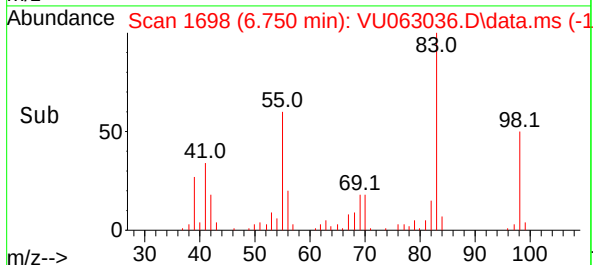
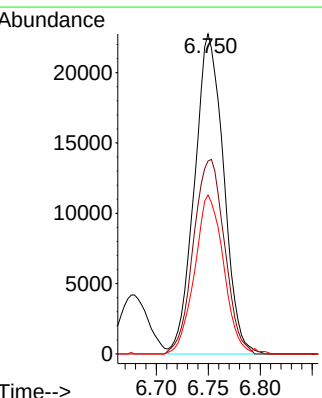
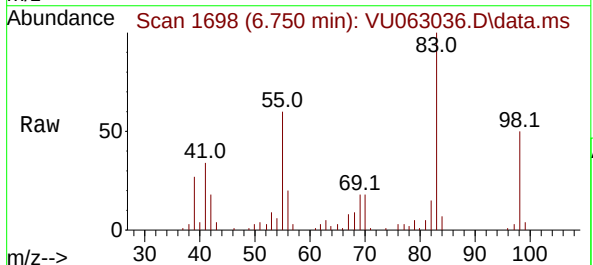
Tgt Ion: 83 Resp: 44241

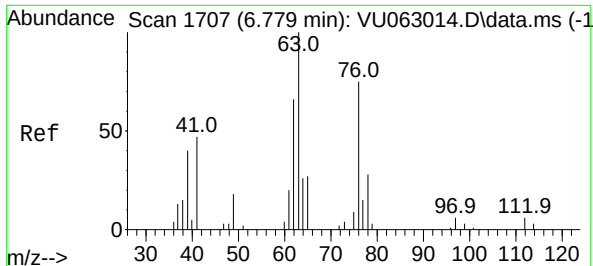
Ion Ratio Lower Upper

83 100

55 65.0 57.2 85.8

98 49.2 36.6 55.0

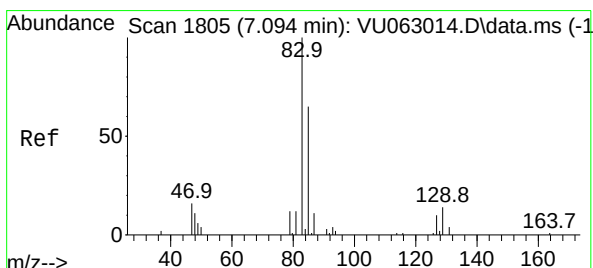
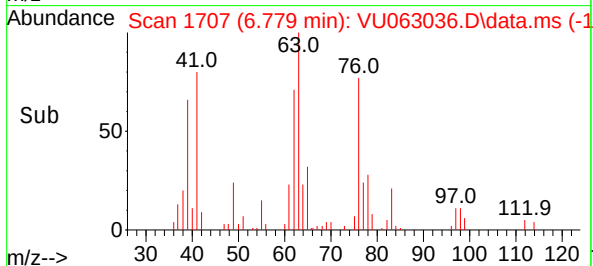
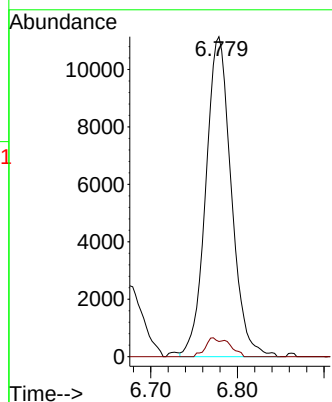
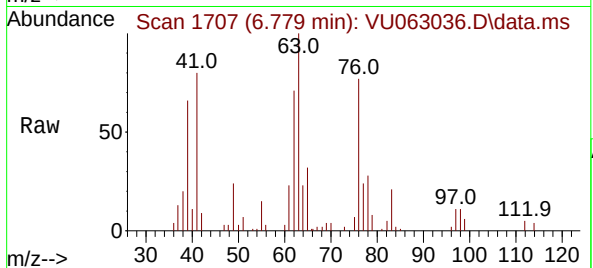




#37
1,2-Dichloropropane
Concen: 4.353 ug/L
RT: 6.779 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU063036.D
Acq: 27 Jan 2025 23:57

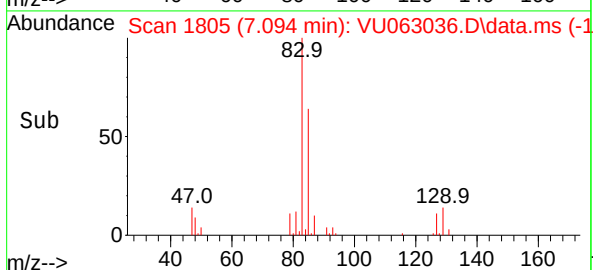
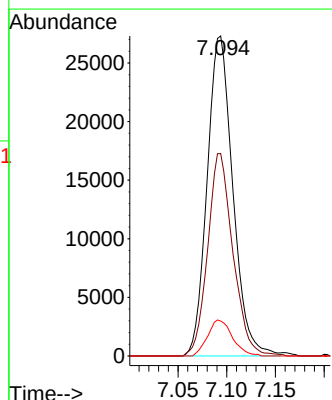
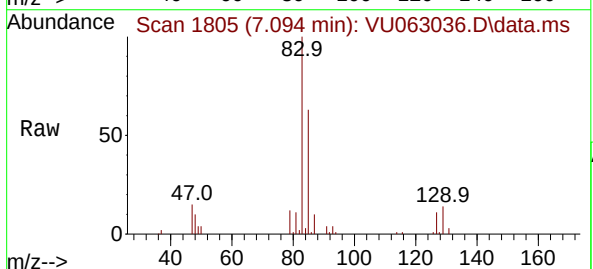
Instrument :
MSVOA_U
ClientSampleId :

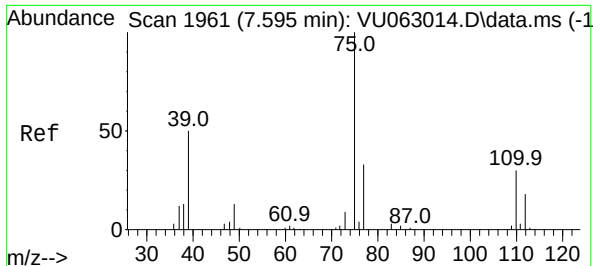
Tgt Ion: 63 Resp: 22738
Ion Ratio Lower Upper
63 100
112 3.0 3.8 5.8#



#38
Bromodichloromethane
Concen: 4.791 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063036.D
Acq: 27 Jan 2025 23:57

Tgt Ion: 83 Resp: 50149
Ion Ratio Lower Upper
83 100
85 63.2 44.2 82.0
127 10.9 7.8 11.8

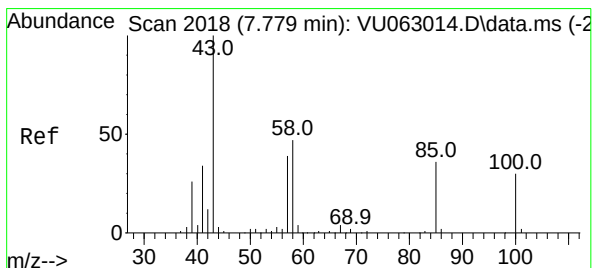
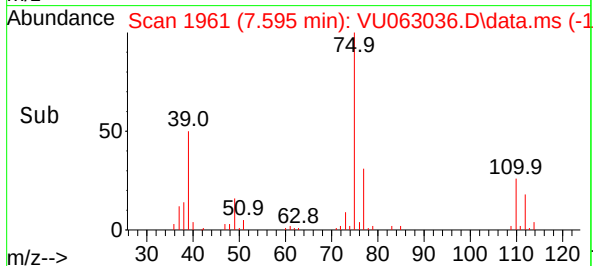
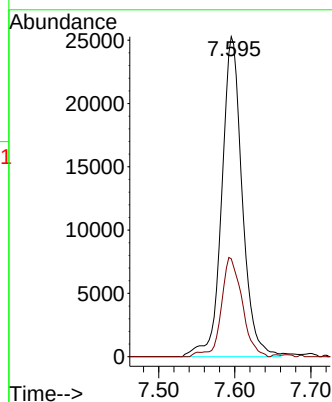
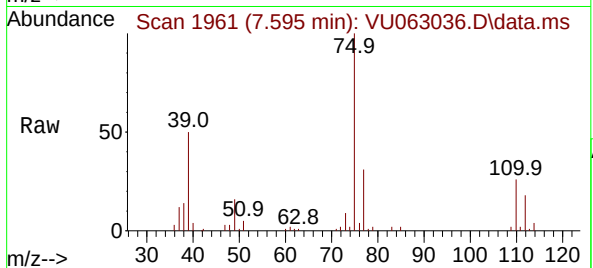




#39
 cis-1,3-Dichloropropene
 Concen: 4.795 ug/L
 RT: 7.595 min Scan# 1961
 Delta R.T. -0.000 min
 Lab File: VU063036.D
 Acq: 27 Jan 2025 23:57

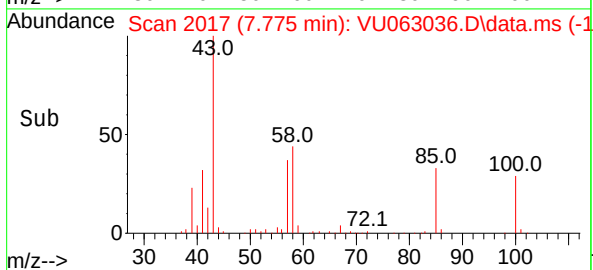
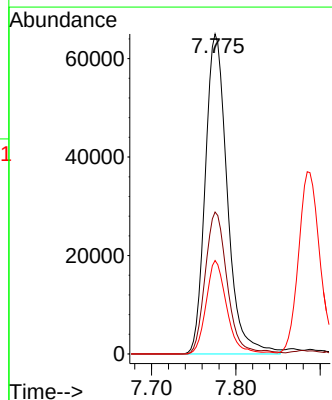
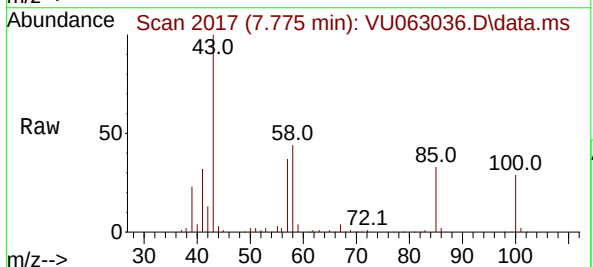
Instrument :
 MSVOA_U
 ClientSampleId :

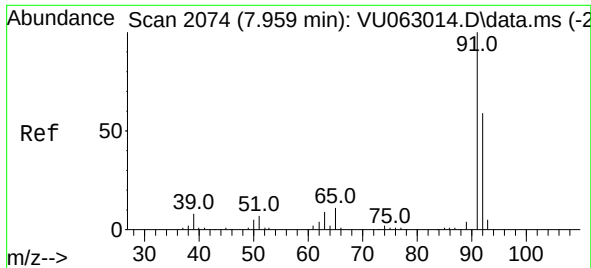
Tgt Ion: 75 Resp: 47163
 Ion Ratio Lower Upper
 75 100
 77 30.6 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 46.949 ug/L
 RT: 7.775 min Scan# 1817
 Delta R.T. -0.003 min
 Lab File: VU063036.D
 Acq: 27 Jan 2025 23:57

Tgt Ion: 43 Resp: 118311
 Ion Ratio Lower Upper
 43 100
 58 43.9 35.8 53.8
 100 27.2 16.8 25.2#

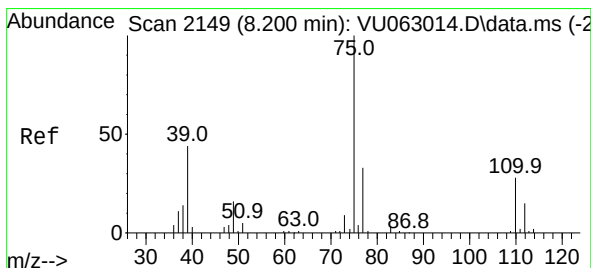
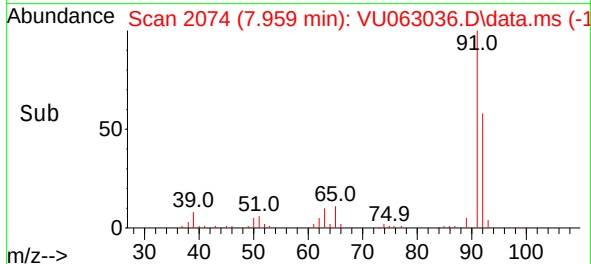
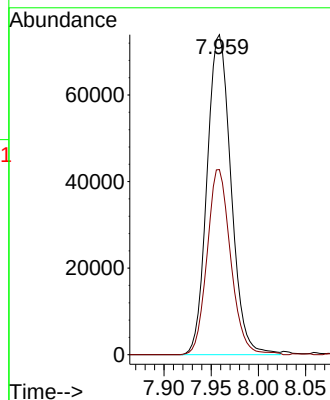
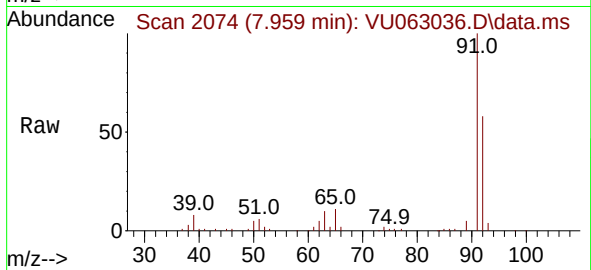




#42
Toluene
Concen: 4.732 ug/L
RT: 7.959 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VU063036.D
Acq: 27 Jan 2025 23:57

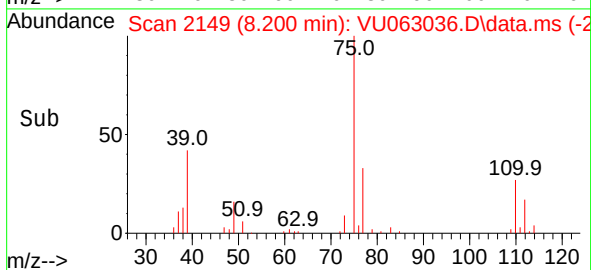
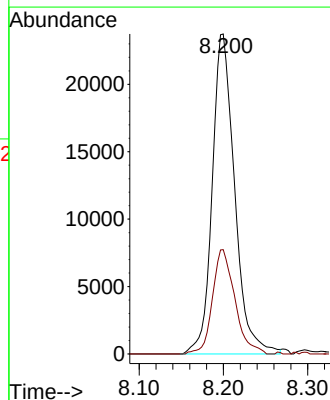
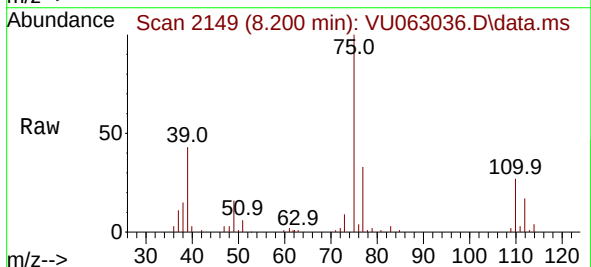
Instrument :
MSVOA_U
ClientSampleId :

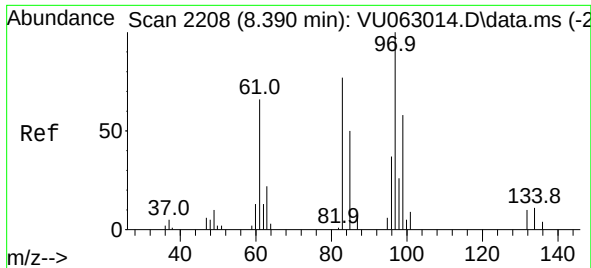
Tgt Ion: 91 Resp: 130644
Ion Ratio Lower Upper
91 100
92 57.9 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 4.840 ug/L
RT: 8.200 min Scan# 2149
Delta R.T. -0.000 min
Lab File: VU063036.D
Acq: 27 Jan 2025 23:57

Tgt Ion: 75 Resp: 43849
Ion Ratio Lower Upper
75 100
77 32.6 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 4.874 ug/L

RT: 8.386 min Scan# 2207

Delta R.T. -0.003 min

Lab File: VU063036.D

Acq: 27 Jan 2025 23:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 23963

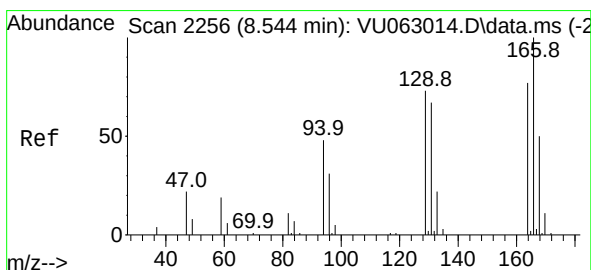
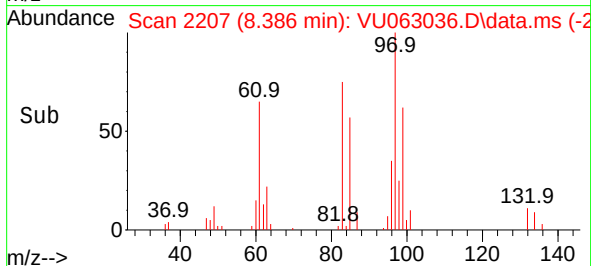
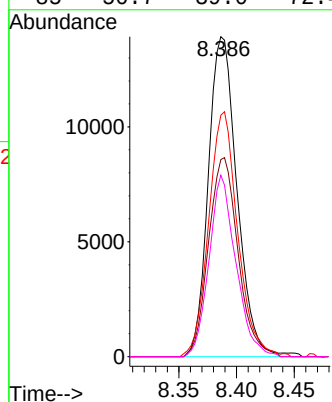
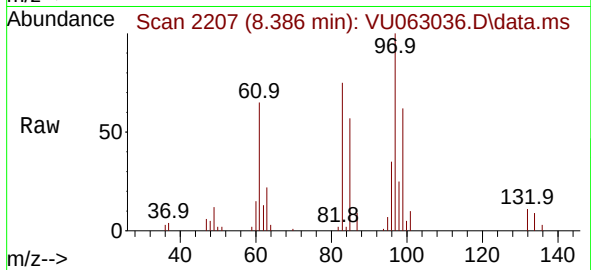
Ion Ratio Lower Upper

97 100

99 61.6 45.6 84.6

83 75.5 63.0 117.0

85 56.7 39.0 72.4



#47

Tetrachloroethene

Concen: 5.018 ug/L

RT: 8.541 min Scan# 2255

Delta R.T. -0.003 min

Lab File: VU063036.D

Acq: 27 Jan 2025 23:57

Tgt Ion:164 Resp: 34446

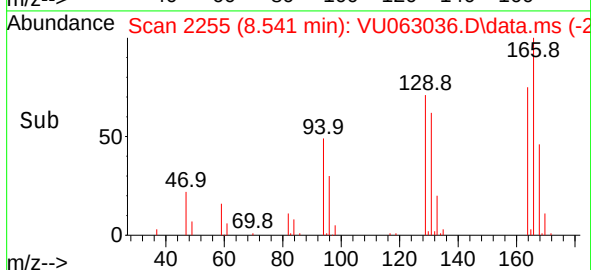
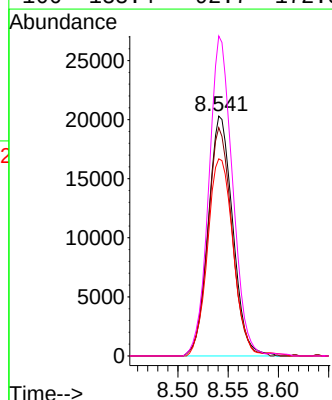
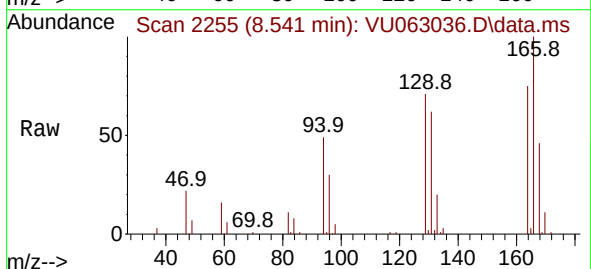
Ion Ratio Lower Upper

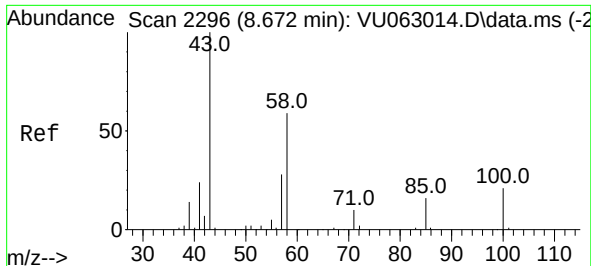
164 100

129 95.2 71.0 131.9

131 82.2 69.4 129.0

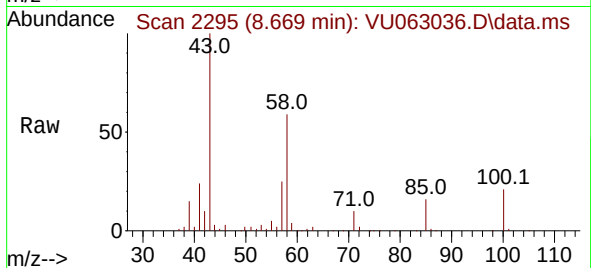
166 133.4 92.7 172.3



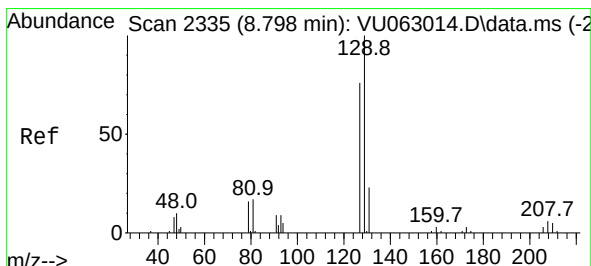
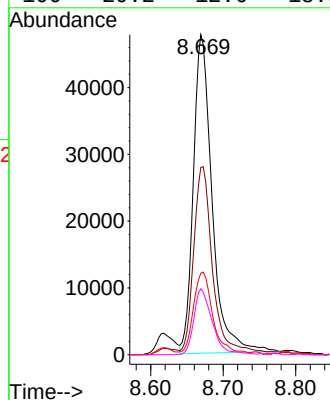
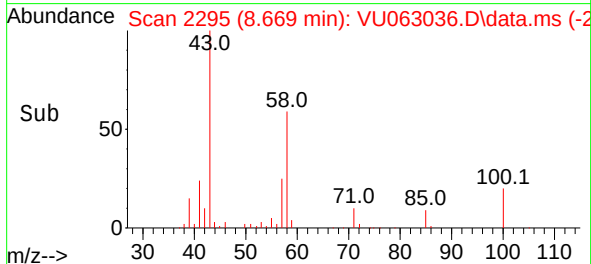


#48
2-Hexanone
Concen: 49.192 ug/L
RT: 8.669 min Scan# 2296
Delta R.T. -0.003 min
Lab File: VU063036.D
Acq: 27 Jan 2025 23:57

Instrument :
MSVOA_U
ClientSampleId :

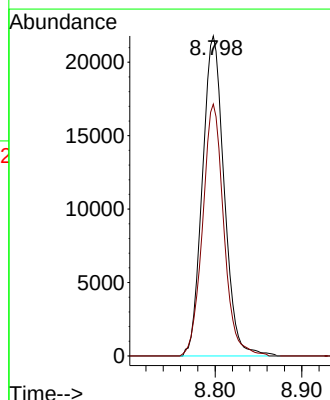
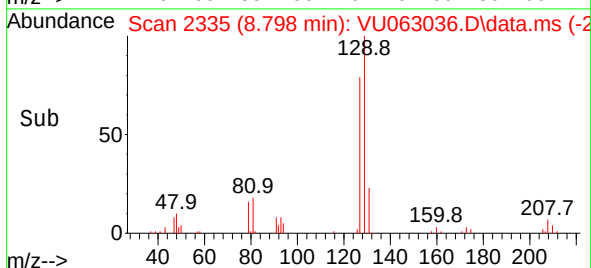
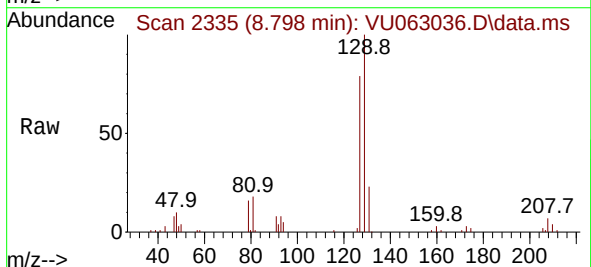


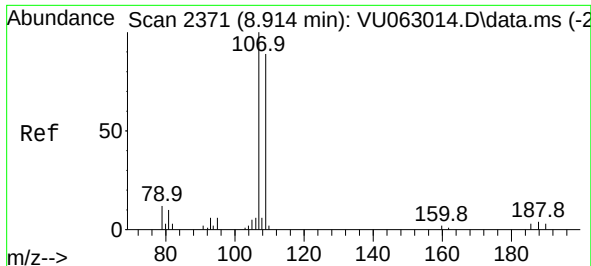
Tgt Ion: 43 Resp: 85983
Ion Ratio Lower Upper
43 100
58 61.3 50.2 75.4
57 25.8 19.9 29.9
100 20.2 12.6 18.8#



#49
Dibromochloromethane
Concen: 4.961 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VU063036.D
Acq: 27 Jan 2025 23:57

Tgt Ion:129 Resp: 38059
Ion Ratio Lower Upper
129 100
127 78.7 52.1 96.9





#50

1,2-Dibromoethane

Concen: 5.048 ug/L

RT: 8.914 min Scan# 2371

Delta R.T. -0.000 min

Lab File: VU063036.D

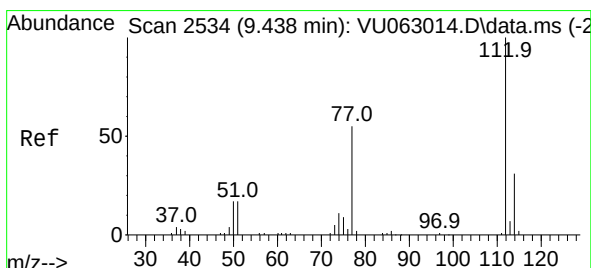
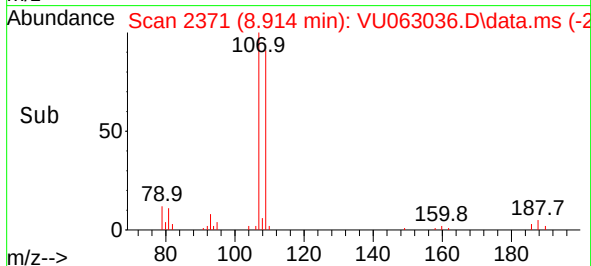
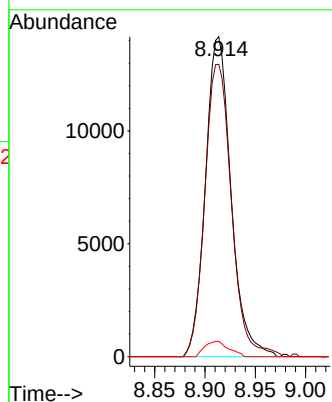
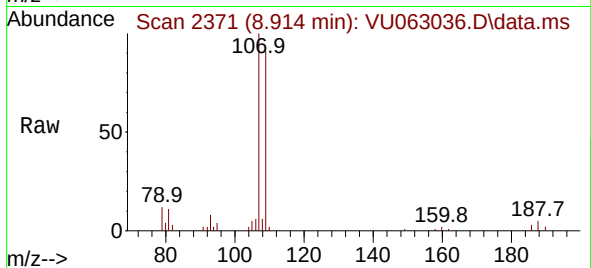
Acq: 27 Jan 2025 23:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	25072
Ion	Ratio	Lower	Upper
107	100		
109	91.4	65.7	121.9
188	4.8	3.4	5.2



#51

Chlorobenzene

Concen: 4.883 ug/L

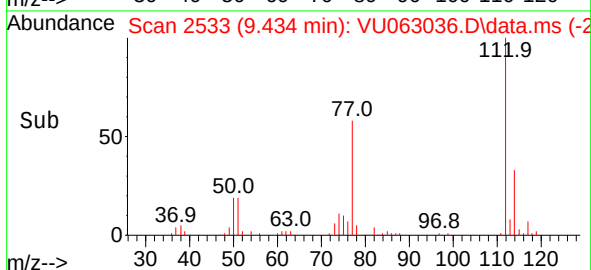
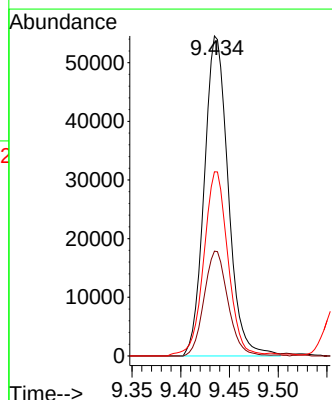
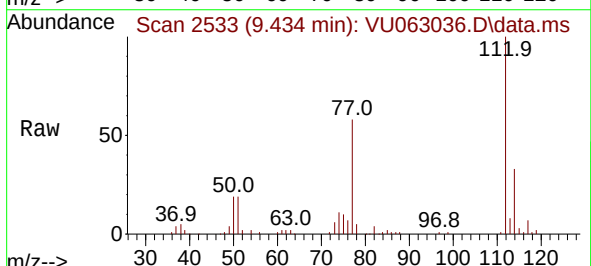
RT: 9.434 min Scan# 2533

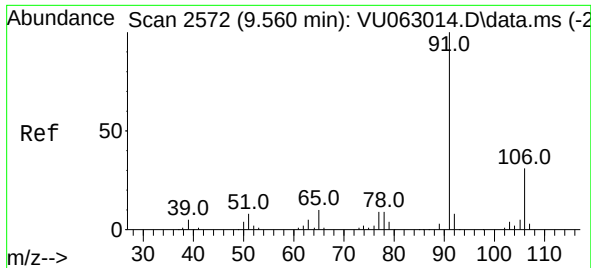
Delta R.T. -0.003 min

Lab File: VU063036.D

Acq: 27 Jan 2025 23:57

Tgt Ion:	112	Resp:	93466
Ion	Ratio	Lower	Upper
112	100		
114	32.7	21.7	40.3
77	57.6	48.6	73.0

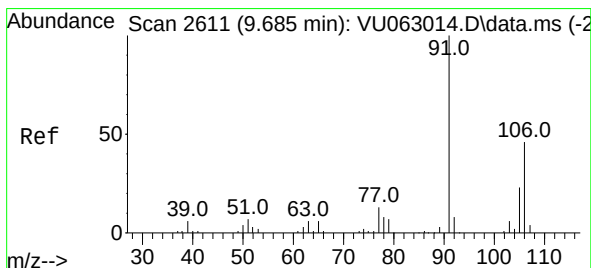
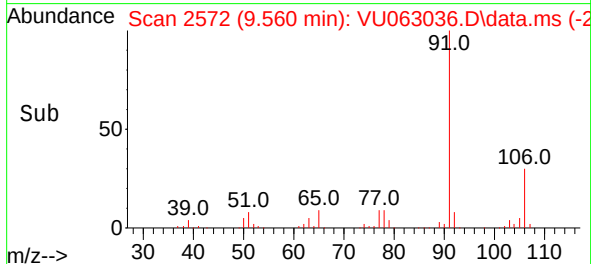
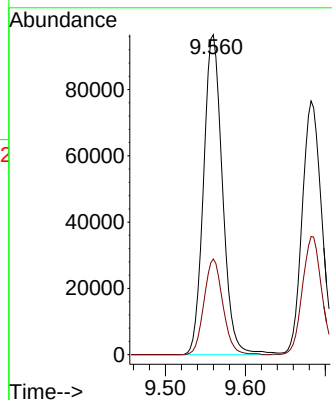
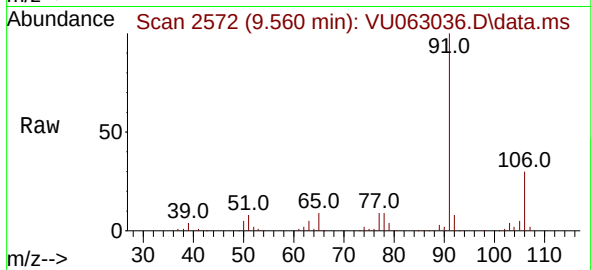




#52
Ethylbenzene
Concen: 4.954 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. -0.000 min
Lab File: VU063036.D
Acq: 27 Jan 2025 23:57

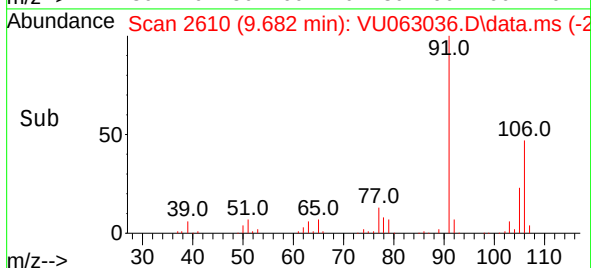
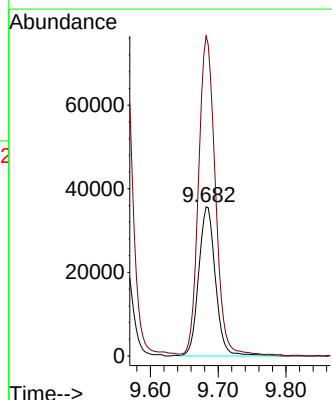
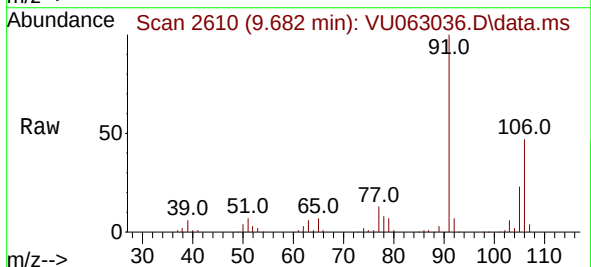
Instrument :
MSVOA_U
ClientSampleId :

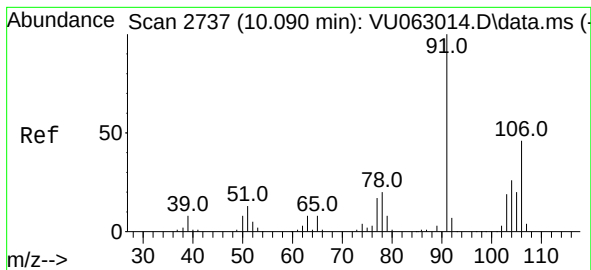
Tgt Ion: 91 Resp: 159395
Ion Ratio Lower Upper
91 100
106 29.9 21.9 40.7



#53
m,p-Xylene
Concen: 4.929 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. -0.003 min
Lab File: VU063036.D
Acq: 27 Jan 2025 23:57

Tgt Ion:106 Resp: 61244
Ion Ratio Lower Upper
106 100
91 214.7 153.1 284.3





#54

o-Xylene

Concen: 5.051 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. -0.000 min

Lab File: VU063036.D

Acq: 27 Jan 2025 23:57

Instrument :

MSVOA_U

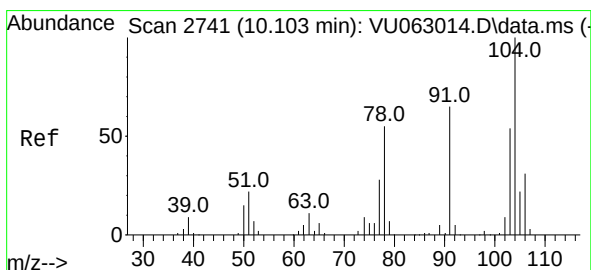
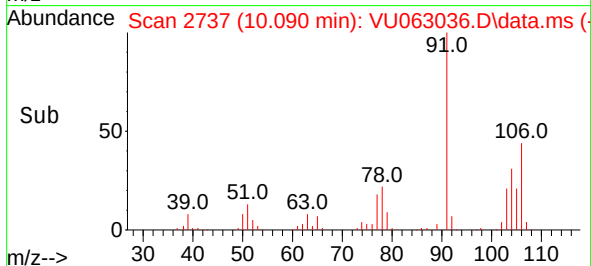
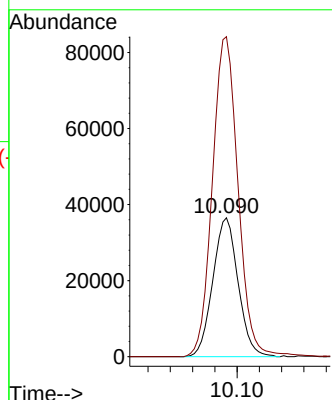
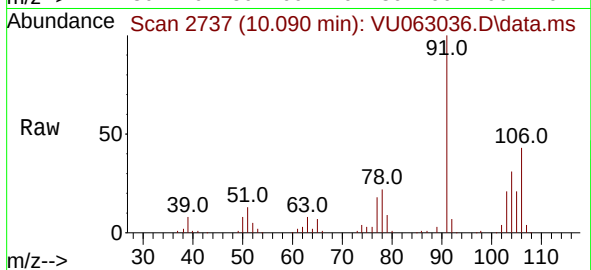
ClientSampleId :

Tgt Ion:106 Resp: 57496

Ion Ratio Lower Upper

106 100

91 230.4 160.4 297.8



#55

Styrene

Concen: 5.068 ug/L

RT: 10.103 min Scan# 2741

Delta R.T. -0.000 min

Lab File: VU063036.D

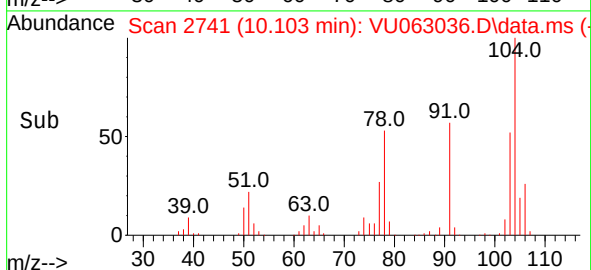
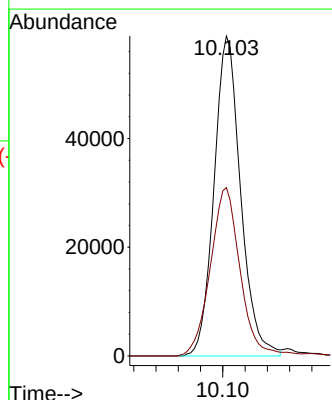
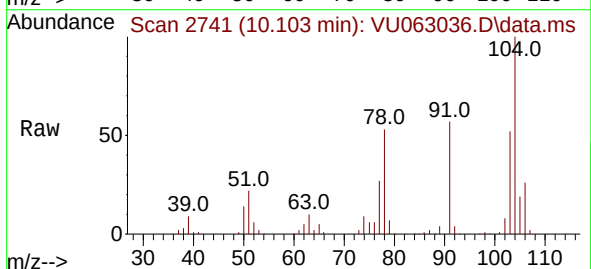
Acq: 27 Jan 2025 23:57

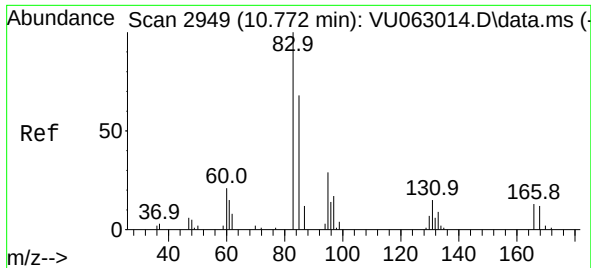
Tgt Ion:104 Resp: 97519

Ion Ratio Lower Upper

104 100

78 52.6 35.5 65.9





#57

1,1,2,2-Tetrachloroethane

Concen: 4.842 ug/L

RT: 10.769 min Scan# 2948

Delta R.T. -0.003 min

Lab File: VU063036.D

Acq: 27 Jan 2025 23:57

Instrument :

MSVOA_U

ClientSampleId :

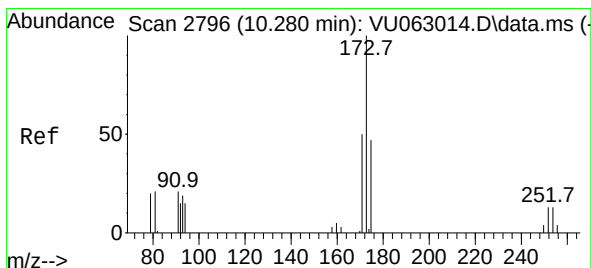
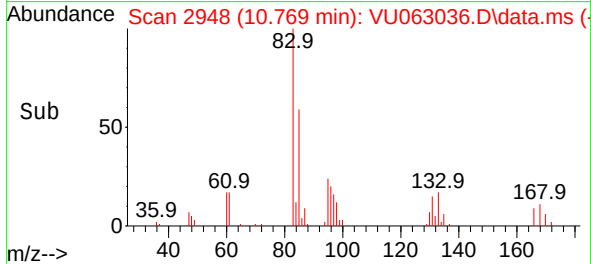
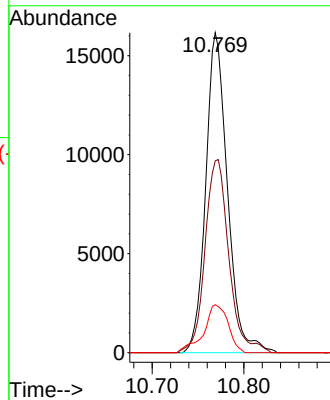
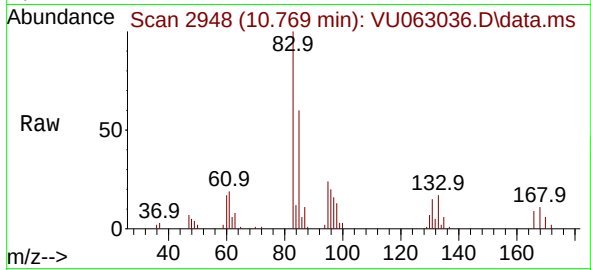
Tgt Ion: 83 Resp: 26635

Ion Ratio Lower Upper

83 100

85 60.0 43.0 79.8

131 15.0 7.4 11.0#



#59

Bromoform

Concen: 4.786 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. -0.000 min

Lab File: VU063036.D

Acq: 27 Jan 2025 23:57

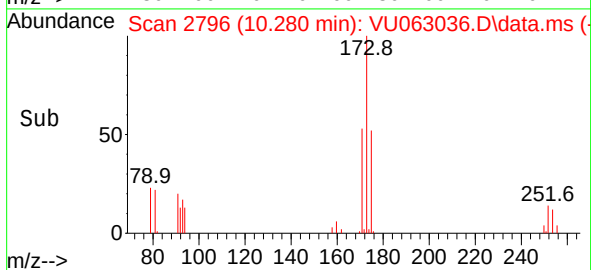
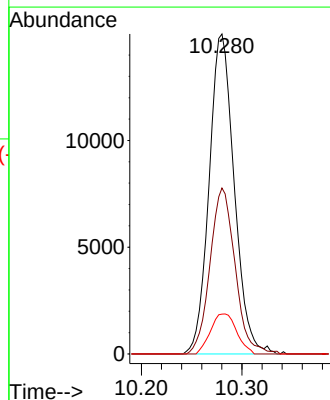
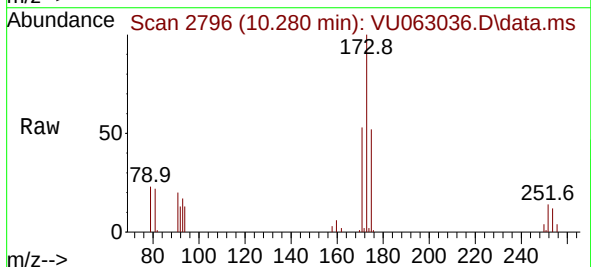
Tgt Ion:173 Resp: 26006

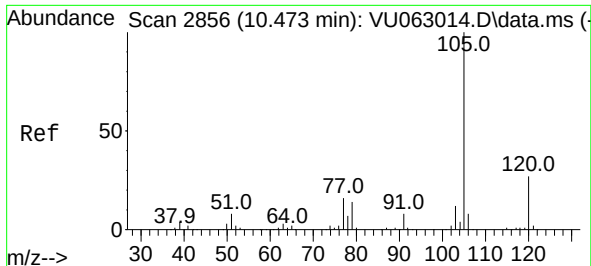
Ion Ratio Lower Upper

173 100

175 51.8 39.8 59.8

254 13.0 8.6 12.8#

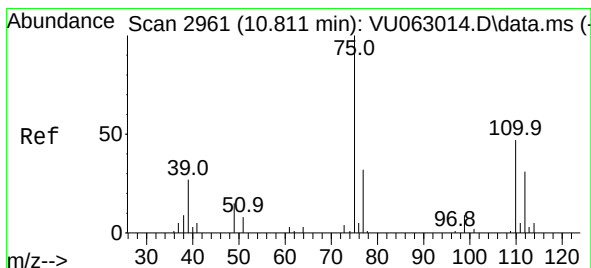
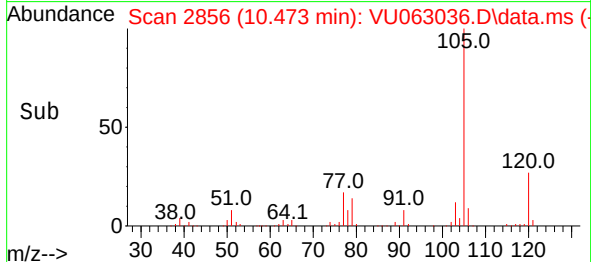
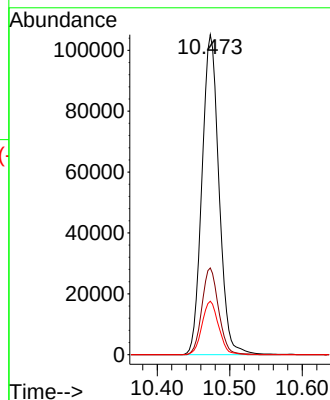
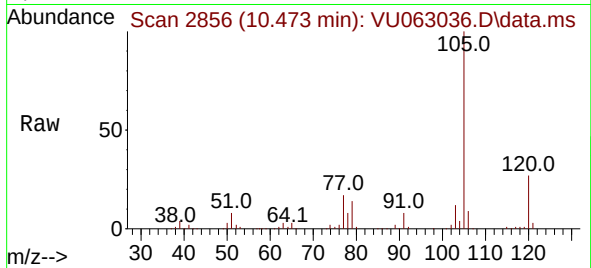




#60
Isopropylbenzene
Concen: 4.734 ug/L
RT: 10.473 min Scan# 2856
Delta R.T. -0.000 min
Lab File: VU063036.D
Acq: 27 Jan 2025 23:57

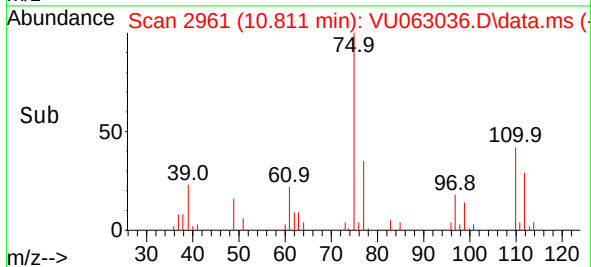
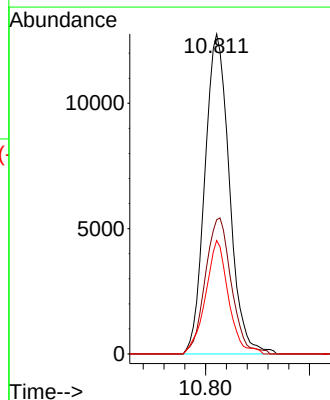
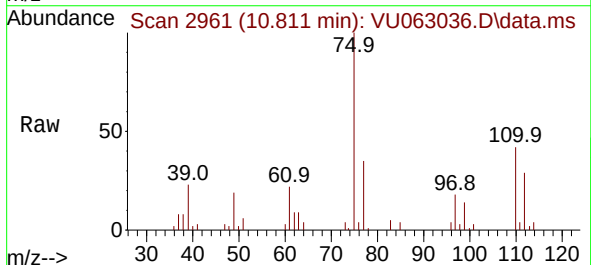
Instrument :
MSVOA_U
ClientSampleId :

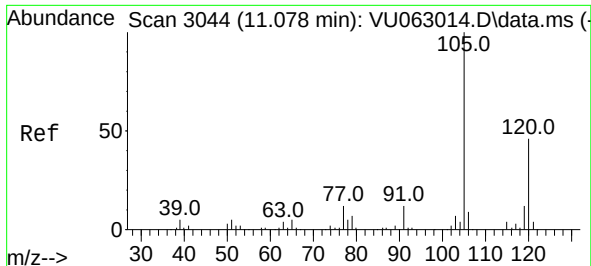
Tgt Ion:105 Resp: 171538
Ion Ratio Lower Upper
105 100
120 26.5 20.2 30.2
77 16.3 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 4.548 ug/L
RT: 10.811 min Scan# 2961
Delta R.T. -0.000 min
Lab File: VU063036.D
Acq: 27 Jan 2025 23:57

Tgt Ion: 75 Resp: 20926
Ion Ratio Lower Upper
75 100
110 45.1 33.2 49.8
77 33.1 25.9 38.9





#62

1,3,5-Trimethylbenzene

Concen: 4.642 ug/L

RT: 11.078 min Scan# 3044

Delta R.T. -0.000 min

Lab File: VU063036.D

Acq: 27 Jan 2025 23:57

Instrument :

MSVOA_U

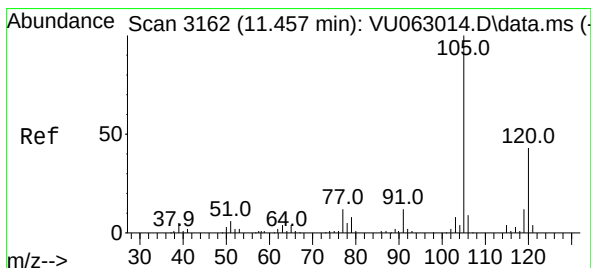
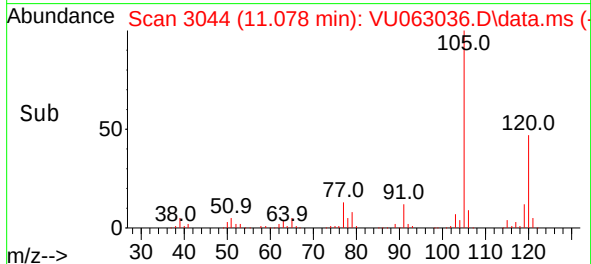
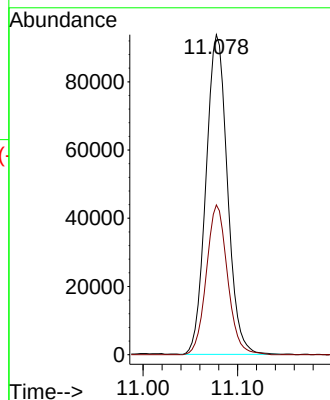
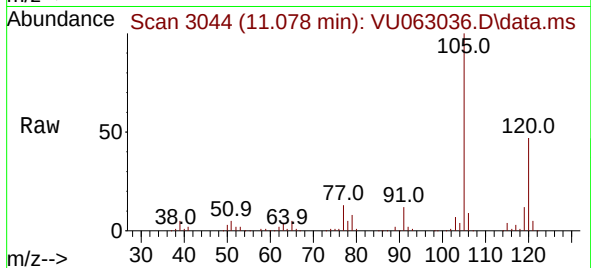
ClientSampleId :

Tgt Ion:105 Resp: 147477

Ion Ratio Lower Upper

105 100

120 46.3 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 4.913 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VU063036.D

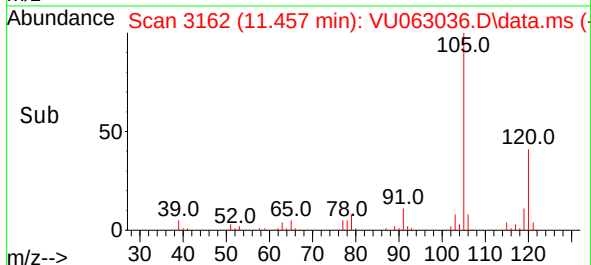
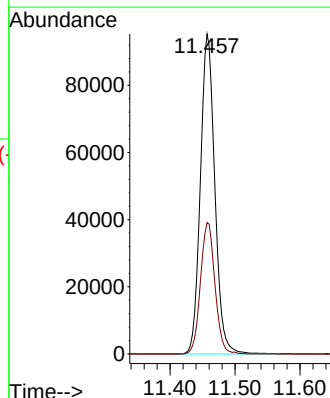
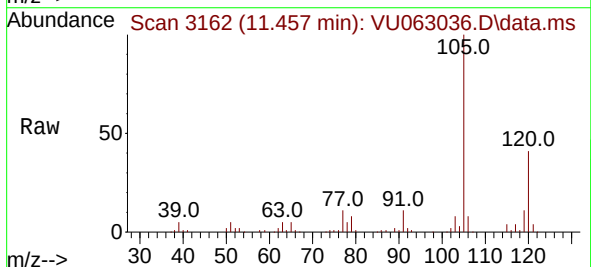
Acq: 27 Jan 2025 23:57

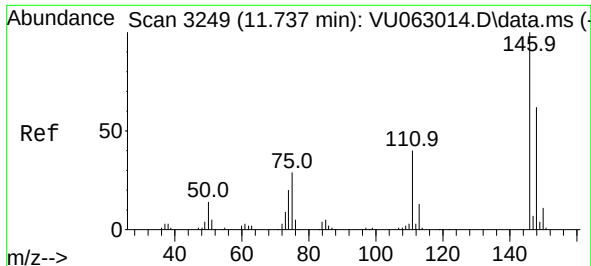
Tgt Ion:105 Resp: 147614

Ion Ratio Lower Upper

105 100

120 41.1 34.2 51.2





#64

1,3-Dichlorobenzene

Concen: 4.727 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. -0.000 min

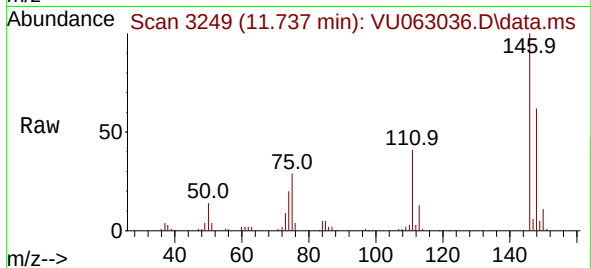
Lab File: VU063036.D

Acq: 27 Jan 2025 23:57

Instrument :

MSVOA_U

ClientSampleId :



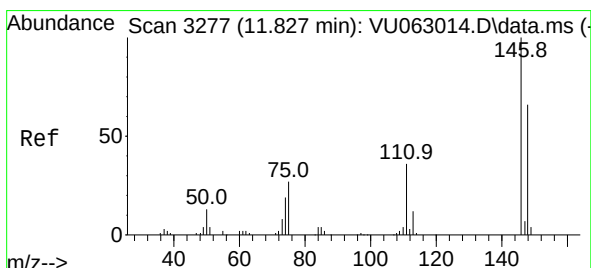
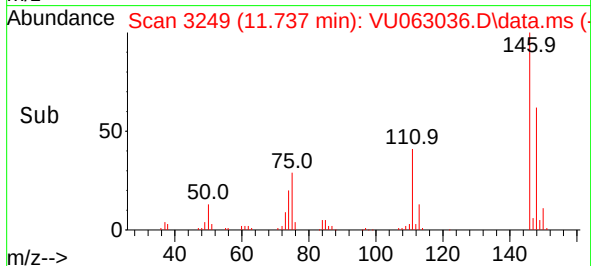
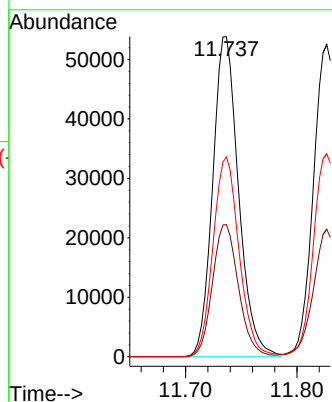
Tgt Ion:146 Resp: 86950

Ion Ratio Lower Upper

146 100

111 41.3 28.6 53.0

148 62.5 44.0 81.6



#65

1,4-Dichlorobenzene

Concen: 4.716 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU063036.D

Acq: 27 Jan 2025 23:57

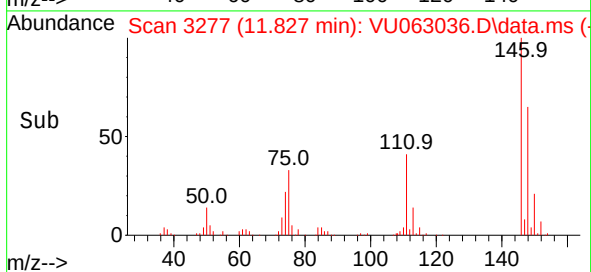
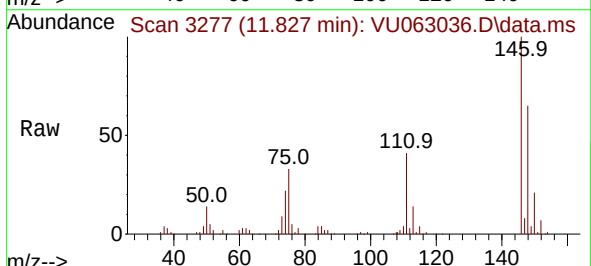
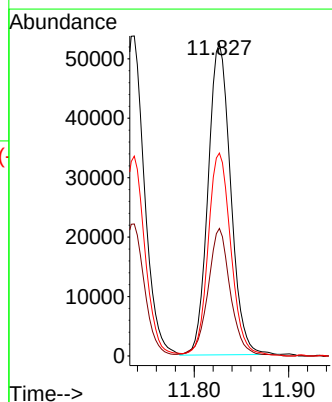
Tgt Ion:146 Resp: 87021

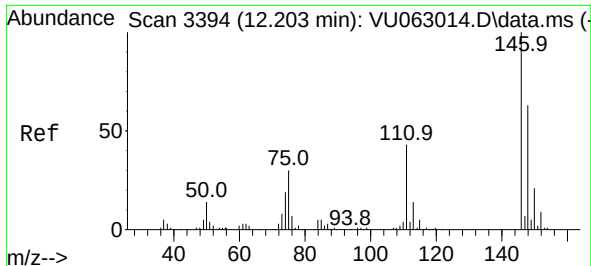
Ion Ratio Lower Upper

146 100

111 40.9 29.5 54.9

148 65.0 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 4.591 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

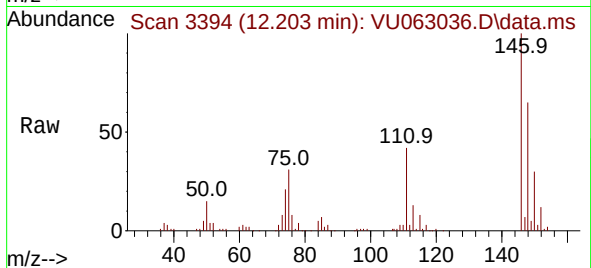
Lab File: VU063036.D

Acq: 27 Jan 2025 23:57

Instrument :

MSVOA_U

ClientSampleId :



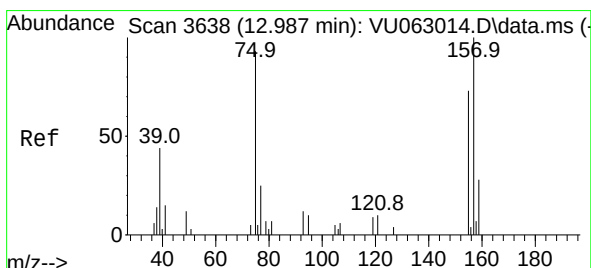
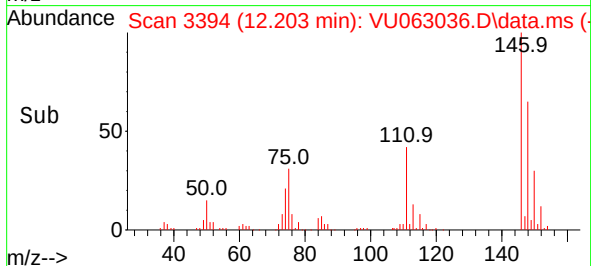
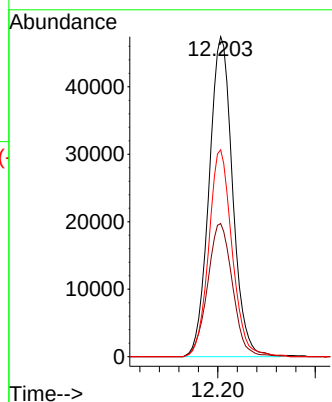
Tgt Ion:146 Resp: 79464

Ion Ratio Lower Upper

146 100

111 41.6 36.3 54.5

148 64.6 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.075 ug/L

RT: 12.984 min Scan# 3637

Delta R.T. -0.003 min

Lab File: VU063036.D

Acq: 27 Jan 2025 23:57

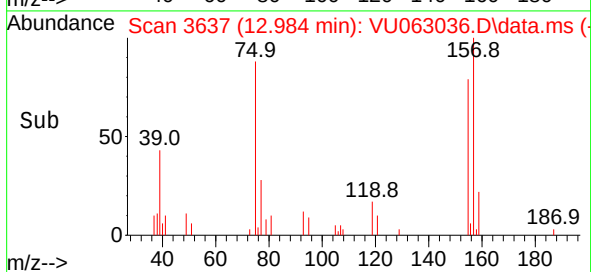
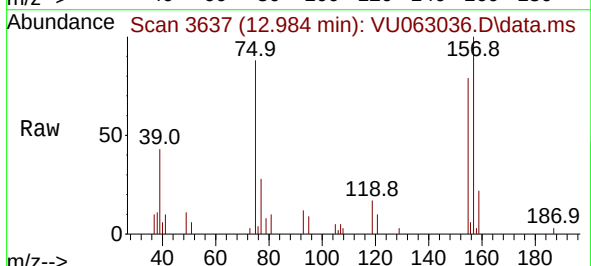
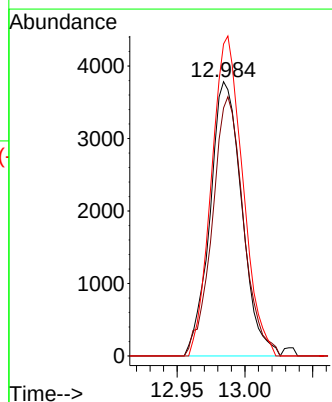
Tgt Ion: 75 Resp: 6176

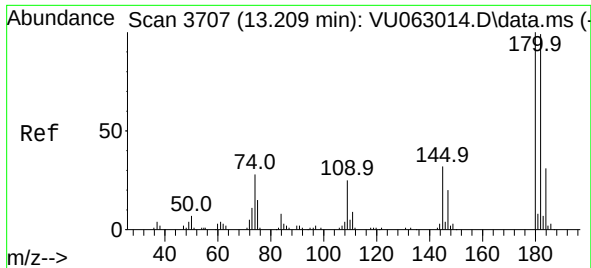
Ion Ratio Lower Upper

75 100

155 90.4 59.6 89.4#

157 113.7 70.8 106.2#





#69

1,3,5-Trichlorobenzene

Concen: 4.701 ug/L

RT: 13.209 min Scan# 3707

Delta R.T. -0.000 min

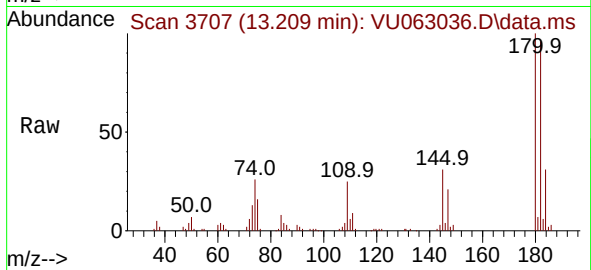
Lab File: VU063036.D

Acq: 27 Jan 2025 23:57

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 69088

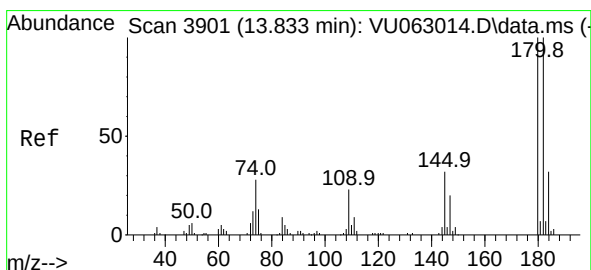
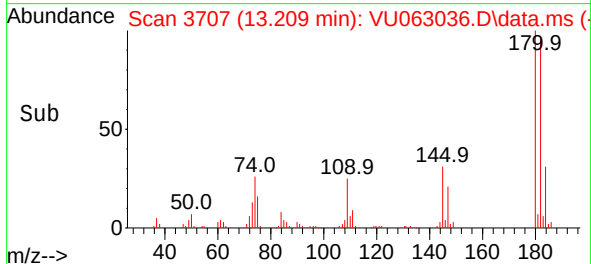
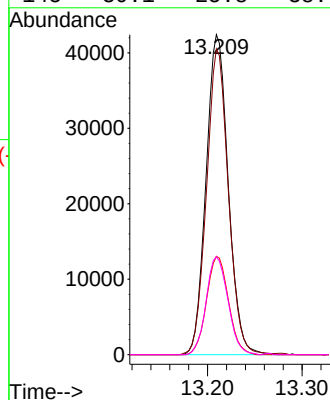
Ion Ratio Lower Upper

180 100

182 94.2 75.8 113.8

184 30.4 24.7 37.1

145 30.1 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 4.943 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU063036.D

Acq: 27 Jan 2025 23:57

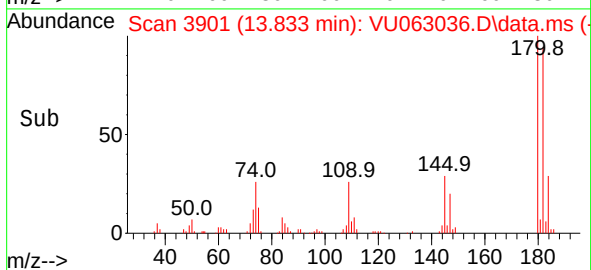
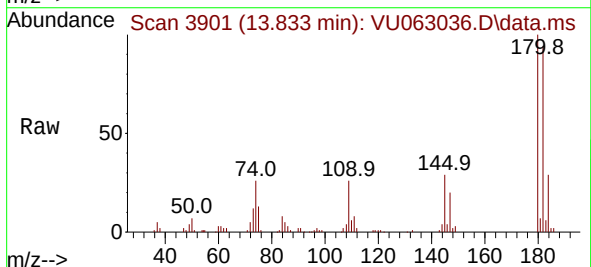
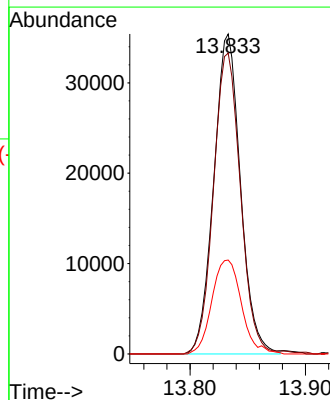
Tgt Ion:180 Resp: 56845

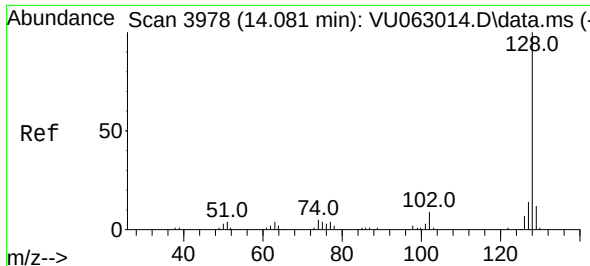
Ion Ratio Lower Upper

180 100

182 95.4 77.1 115.7

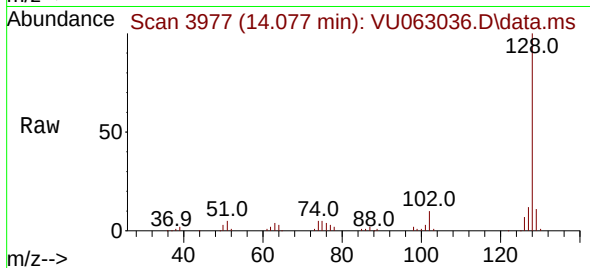
145 32.5 26.9 40.3



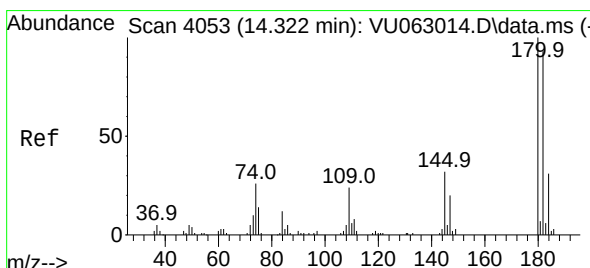
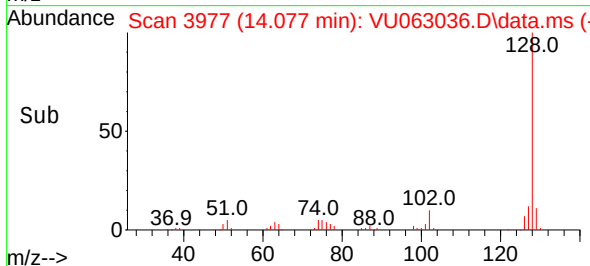
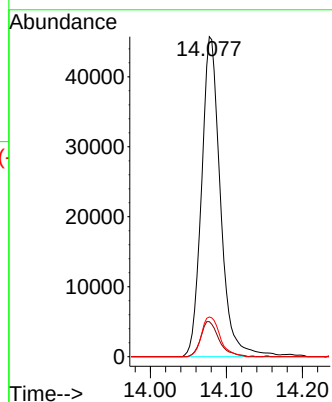


#71
Naphthalene
Concen: 5.345 ug/L
RT: 14.077 min Scan# 3978
Delta R.T. -0.003 min
Lab File: VU063036.D
Acq: 27 Jan 2025 23:57

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 78883
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 12.2 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.999 ug/L
RT: 14.319 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU063036.D
Acq: 27 Jan 2025 23:57

Tgt Ion:180 Resp: 49676
Ion Ratio Lower Upper
180 100
182 95.2 79.8 119.6
145 33.1 29.2 43.8

