

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063054.D
 Acq On : 28 Jan 2025 07:46
 Operator : MD/SY
 Sample : Q1195-09MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 29 08:22:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 29 08:16:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	138515	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.402	117	137722	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	71075	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	22022	4.423	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.904	69	16604	4.392	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.557	65	11760	3.949	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	4.605	46	247874	171.519	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	343.040%#
24) Chloroform-d	5.046	84	126932	6.417	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	128.400%#
26) 1,2-Dichloroethane-d4	5.689	65	48174	4.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
32) Benzene-d6	5.715	84	130917	4.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.676	67	44276	5.525	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.600%
41) Toluene-d8	7.885	98	267782	8.606	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	172.200%#
43) trans-1,3-Dichloroprop...	8.171	79	42254	8.517	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	170.400%#
46) 2-Hexanone-d5	8.621	63	186766	150.885	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	301.780%#
56) 1,1,2,2-Tetrachloroeth...	10.743	84	34127	4.485	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.181	152	53610	4.214	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	100748	8.120	ug/L	100
3) Chloromethane	1.515	50	74371	12.461	ug/L	97
5) Vinyl chloride	1.599	62	32908	4.939	ug/L #	77
6) Bromomethane	1.847	94	9968	3.127	ug/L	99
8) Chloroethane	1.927	64	16957	5.040	ug/L	98
9) Trichlorofluoromethane	2.129	101	72883	4.326	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	36290	4.378	ug/L	93
12) 1,1-Dichloroethene	2.570	96	31576	4.388	ug/L	87
13) Acetone	2.612	43	44362	47.473	ug/L	96
14) Carbon disulfide	2.782	76	88543	4.803	ug/L	99
15) Methyl Acetate	2.940	43	8947	4.986	ug/L	99
16) Methylene chloride	3.033	84	36210	4.773	ug/L	95
17) Methyl tert-butyl Ether	3.348	73	178492	8.281	ug/L	96
18) trans-1,2-Dichloroethene	3.342	96	59324	7.704	ug/L	93
19) 1,1-Dichloroethane	3.853	63	180267	13.505	ug/L	96
21) 2-Butanone	4.686	43	241162	189.221	ug/L	90
22) cis-1,2-Dichloroethene	4.650	96	100432	10.913	ug/L	88
23) Bromochloromethane	4.956	128	28750	6.225	ug/L #	70
25) Chloroform	5.071	83	145631	7.552	ug/L	96

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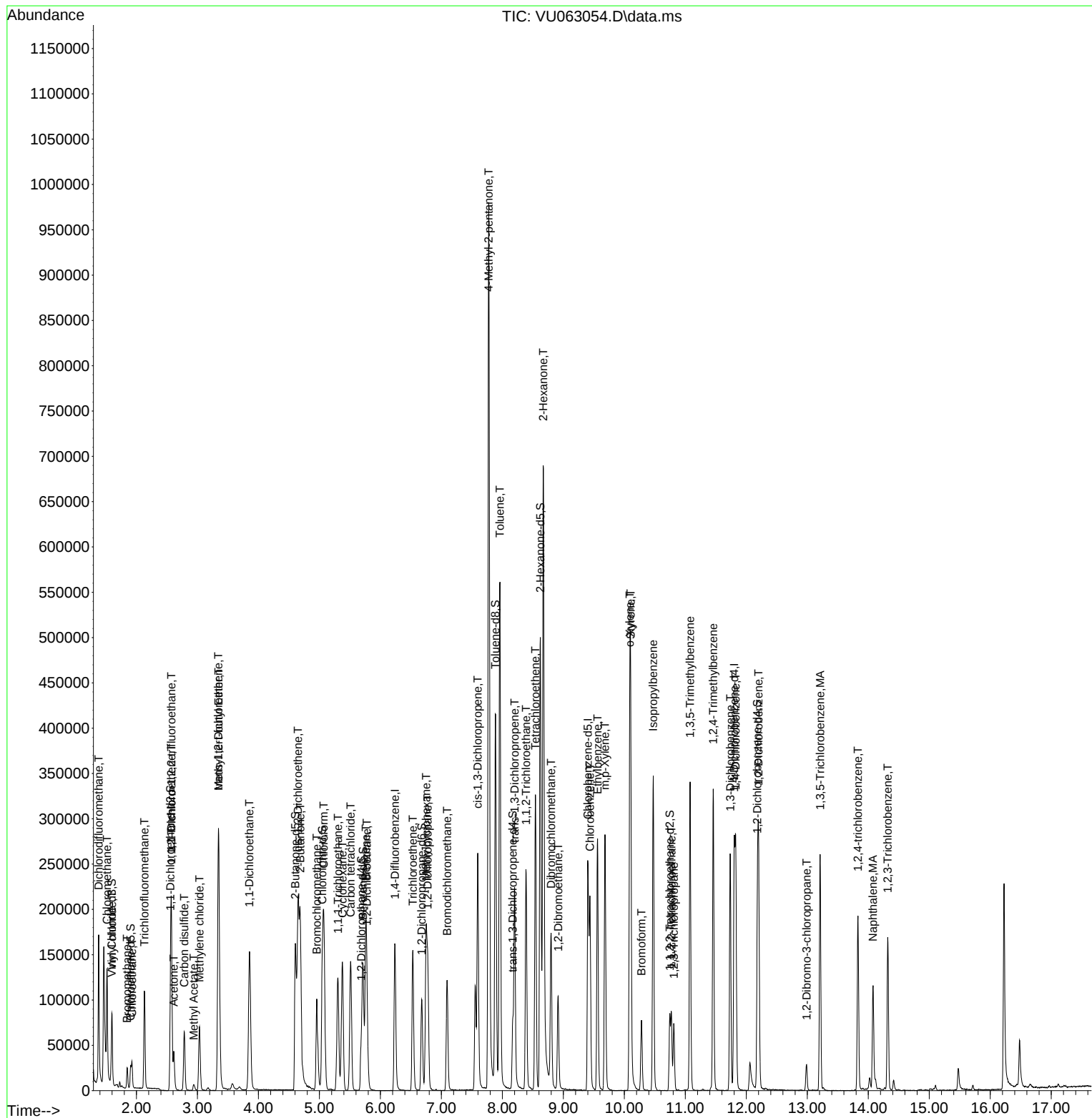
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	63119	4.669	ug/L	98
29) 1,1,1-Trichloroethane	5.303	97	96368	4.513	ug/L	99
30) Cyclohexane	5.377	56	71140	7.152	ug/L	99
31) Carbon tetrachloride	5.512	117	102622	4.991	ug/L	97
33) Benzene	5.760	78	162686	4.876	ug/L	100
34) Trichloroethene	6.531	95	54714	4.826	ug/L	98
35) Methylcyclohexane	6.750	83	74505	5.216	ug/L	99
37) 1,2-Dichloropropane	6.776	63	46686	6.221	ug/L	100
38) Bromodichloromethane	7.094	83	85906	5.713	ug/L	98
39) cis-1,3-Dichloropropene	7.595	75	158756	11.236	ug/L	100
40) 4-Methyl-2-pentanone	7.776	43	669712	184.994	ug/L #	91
42) Toluene	7.959	91	407370	10.272	ug/L	98
44) trans-1,3-Dichloropropene	8.200	75	131762	10.124	ug/L	100
45) 1,1,2-Trichloroethane	8.386	97	75779	10.729	ug/L	96
47) Tetrachloroethene	8.541	164	67863	6.882	ug/L	97
48) 2-Hexanone	8.669	43	474562	188.992	ug/L #	91
49) Dibromochloromethane	8.798	129	85650	7.771	ug/L	100
50) 1,2-Dibromoethane	8.914	107	70979	9.949	ug/L #	100
51) Chlorobenzene	9.435	112	113286	4.119	ug/L	99
52) Ethylbenzene	9.560	91	197907	4.282	ug/L	100
53) m,p-Xylene	9.682	106	80022	4.483	ug/L	96
54) o-Xylene	10.087	106	93406	5.712	ug/L	97
55) Styrene	10.103	104	162174	5.866	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	36029	4.560	ug/L #	90
59) Bromoform	10.280	173	36639	5.425	ug/L	97
60) Isopropylbenzene	10.473	105	226404	5.027	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	28610	5.002	ug/L	93
62) 1,3,5-Trimethylbenzene	11.078	105	192456	4.874	ug/L	98
63) 1,2,4-Trimethylbenzene	11.457	105	189175	5.066	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	107845	4.716	ug/L	99
65) 1,4-Dichlorobenzene	11.824	146	108056	4.711	ug/L	96
67) 1,2-Dichlorobenzene	12.200	146	97942	4.553	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.988	75	8033	5.311	ug/L	89
69) 1,3,5-Trichlorobenzene	13.209	180	81649	4.470	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	61775	4.321	ug/L	99
71) Naphthalene	14.078	128	98908	5.392	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	54717	4.430	ug/L	94

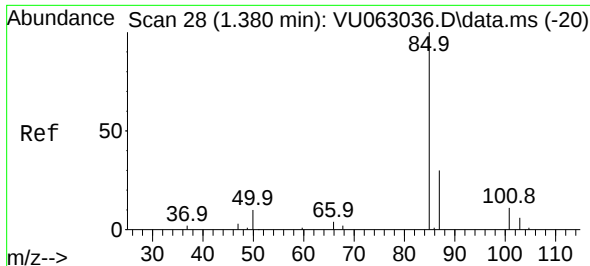
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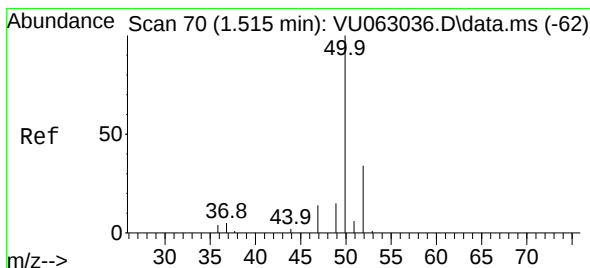
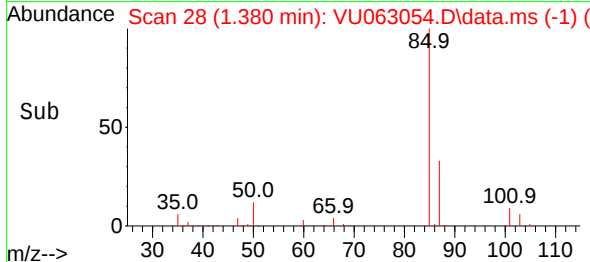
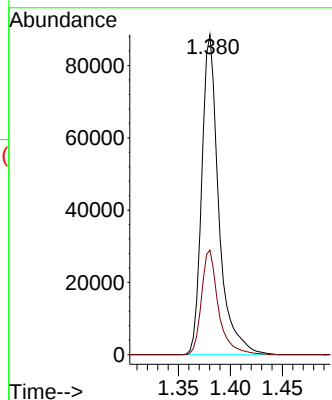
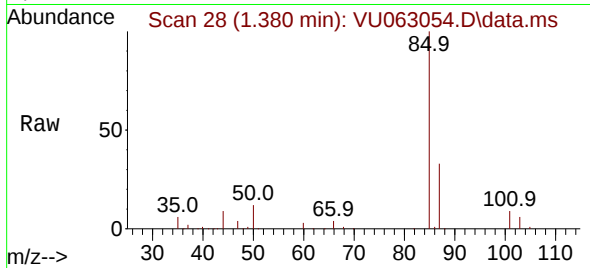




#2
 Dichlorodifluoromethane
 Concen: 8.120 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU063054.D
 Acq: 28 Jan 2025 07:46

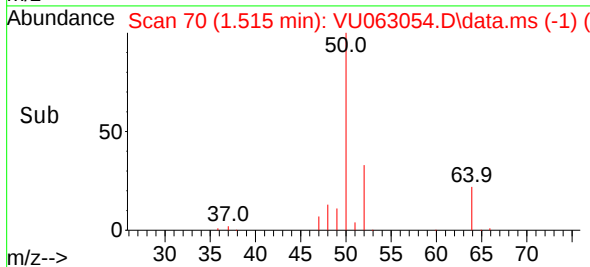
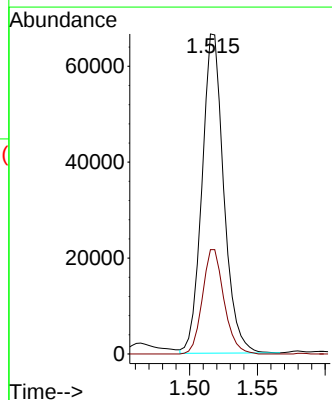
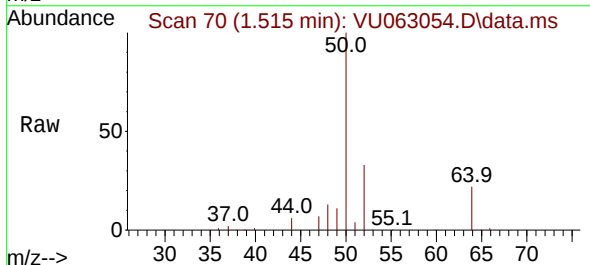
Instrument :
 MSVOA_U
 ClientSampleId :

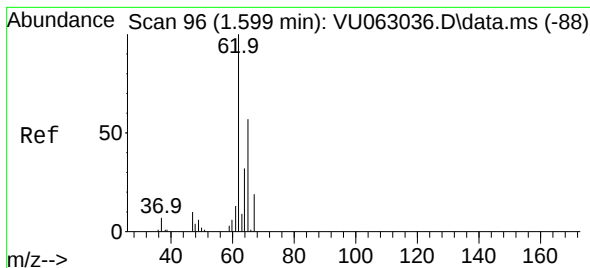
Tgt Ion: 85 Resp: 100748
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.1 39.1



#3
 Chloromethane
 Concen: 12.461 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU063054.D
 Acq: 28 Jan 2025 07:46

Tgt Ion: 50 Resp: 74371
 Ion Ratio Lower Upper
 50 100
 52 32.6 24.1 44.7





#5

Vinyl chloride

Concen: 4.939 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU063054.D

Acq: 28 Jan 2025 07:46

Instrument :

MSVOA_U

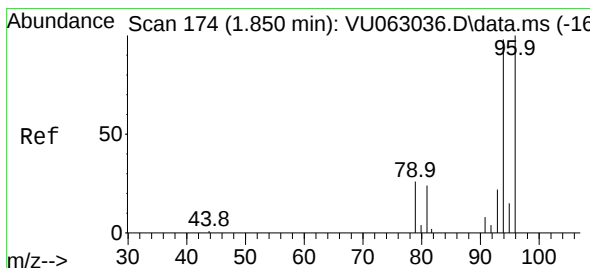
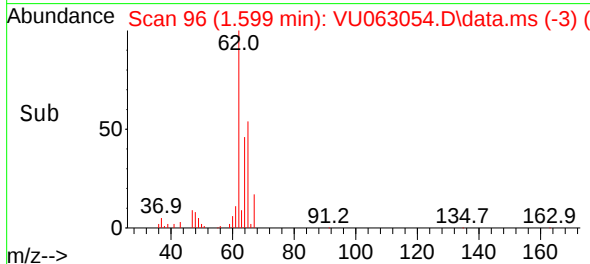
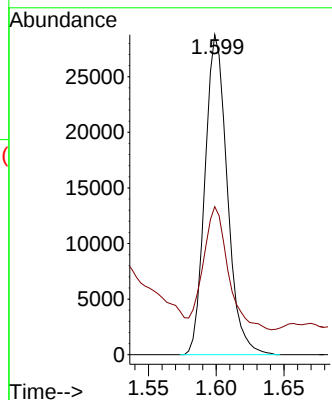
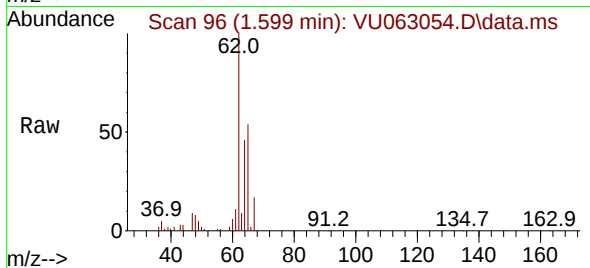
ClientSampleId :

Tgt Ion: 62 Resp: 32908

Ion Ratio Lower Upper

62 100

64 46.3 23.4 43.4#



#6

Bromomethane

Concen: 3.127 ug/L

RT: 1.847 min Scan# 173

Delta R.T. -0.003 min

Lab File: VU063054.D

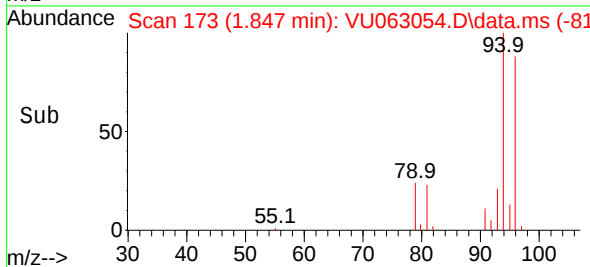
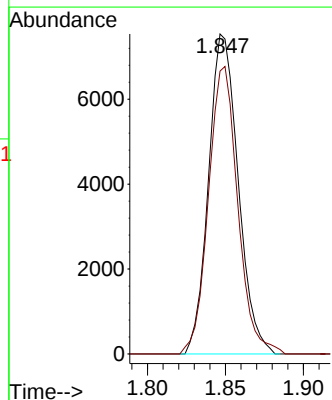
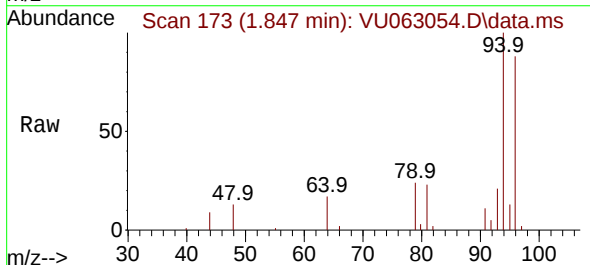
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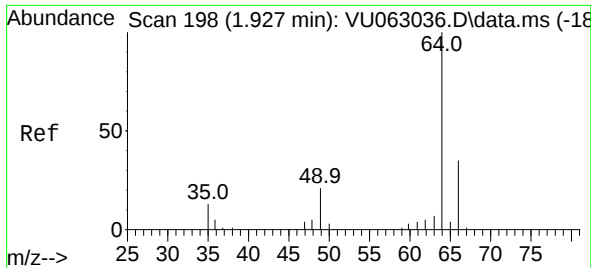
Tgt Ion: 94 Resp: 9968

Ion Ratio Lower Upper

94 100

96 88.4 62.9 116.7

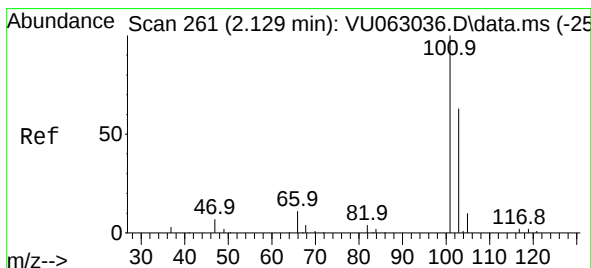
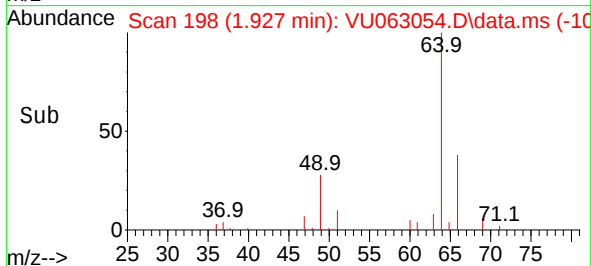
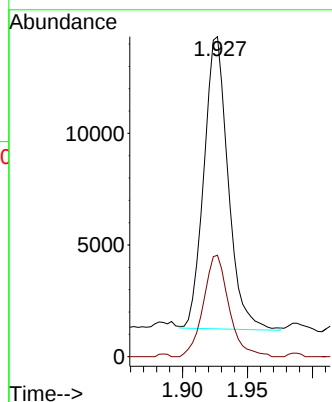
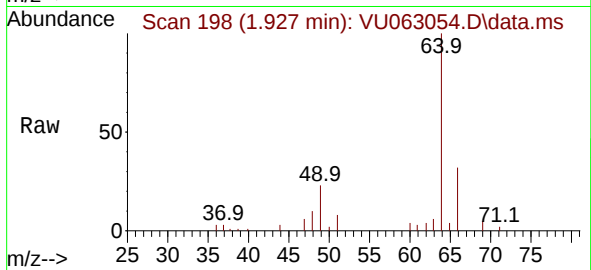




#8
Chloroethane
Concen: 5.040 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

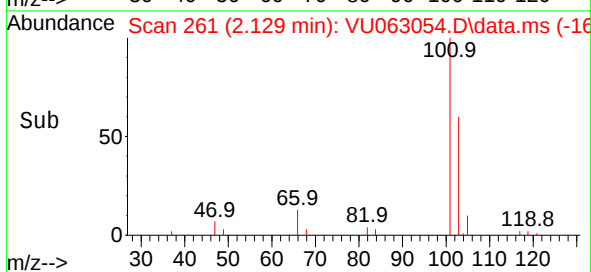
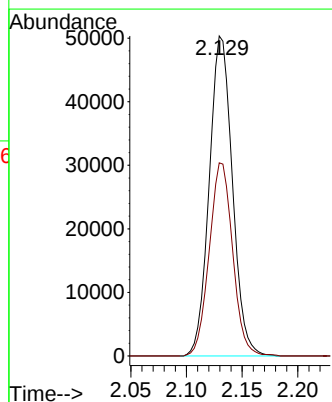
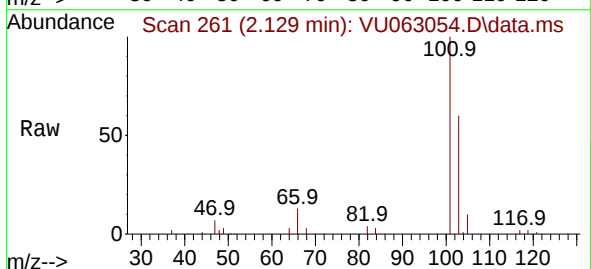
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MSVOA_U
ClientSampleId :

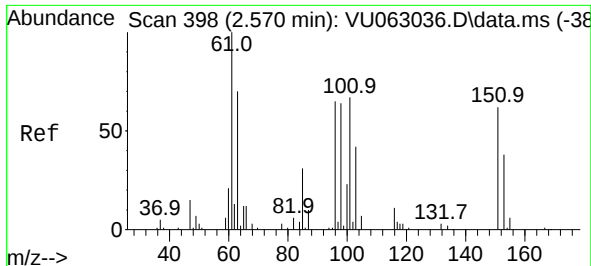
Tgt Ion: 64 Resp: 16957
Ion Ratio Lower Upper
64 100
66 31.7 21.6 40.2



#9
Trichlorofluoromethane
Concen: 4.326 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion:101 Resp: 72883
Ion Ratio Lower Upper
101 100
103 61.0 51.4 77.0

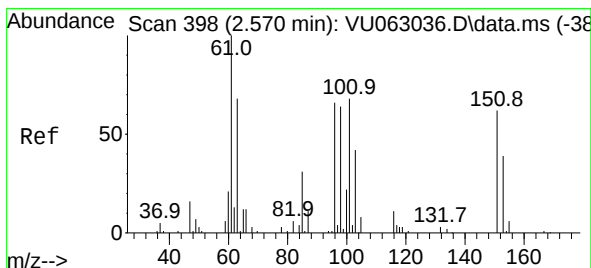
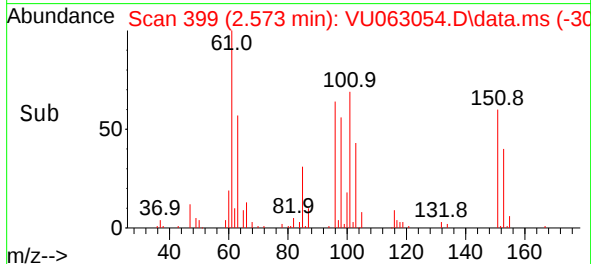
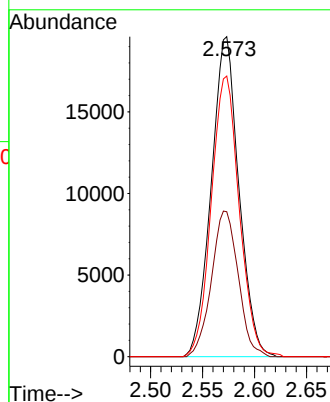
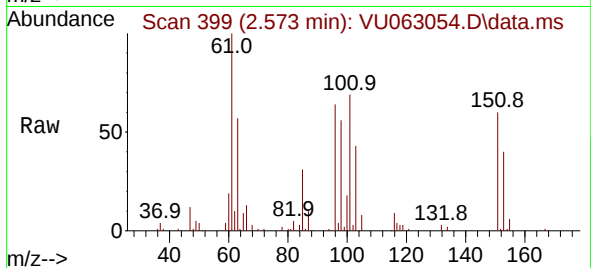




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.378 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.003 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

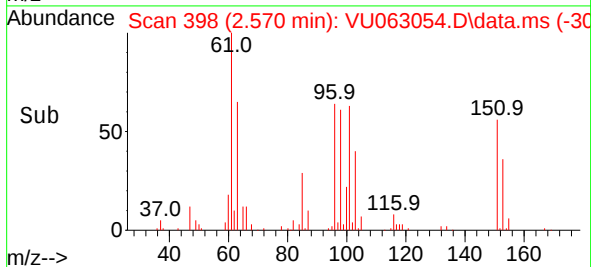
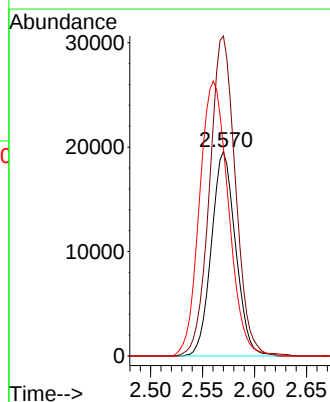
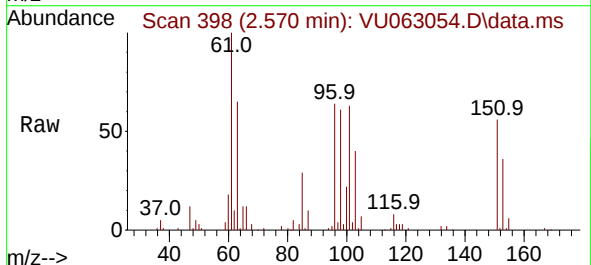
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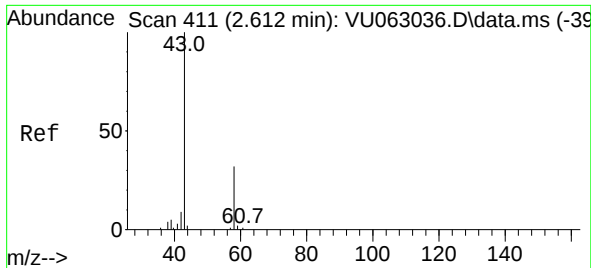
Tgt Ion:101 Resp: 36290
Ion Ratio Lower Upper
101 100
85 44.0 37.0 55.6
151 88.4 64.4 96.6



#12
1,1-Dichloroethene
Concen: 4.388 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion: 96 Resp: 31576
Ion Ratio Lower Upper
96 100
61 156.5 120.4 223.6
63 101.8 82.3 152.9





#13

Acetone

Concen: 47.473 ug/L

RT: 2.612 min Scan# 411

Delta R.T. 0.000 min

Lab File: VU063054.D

Acq: 28 Jan 2025 07:46

Instrument :

MSVOA_U

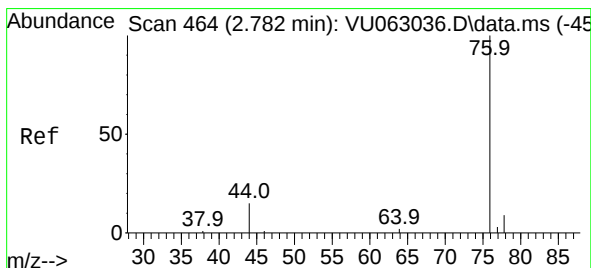
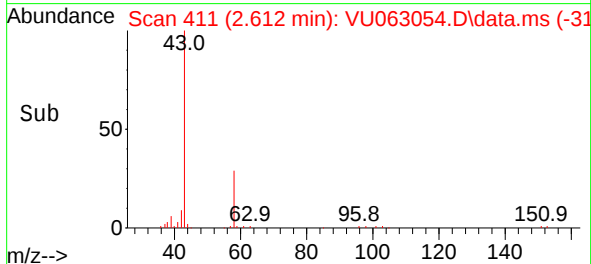
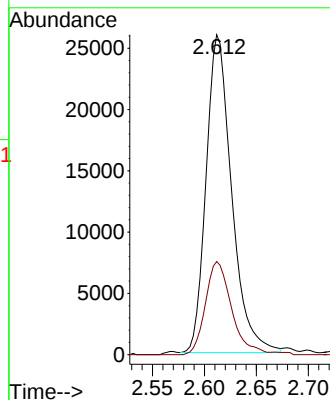
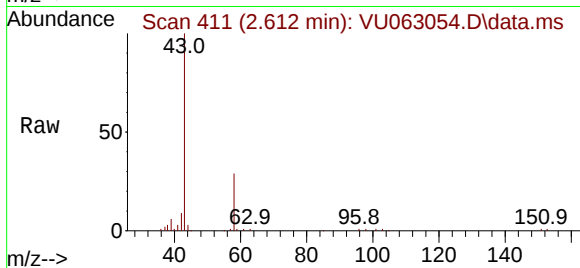
ClientSampleId :

Tgt Ion: 43 Resp: 44362

Ion Ratio Lower Upper

43 100

58 29.9 0.0 64.4



#14

Carbon disulfide

Concen: 4.803 ug/L

RT: 2.782 min Scan# 464

Delta R.T. 0.000 min

Lab File: VU063054.D

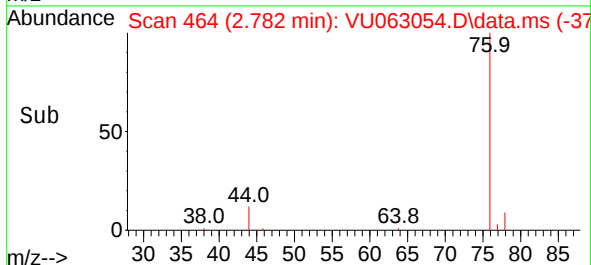
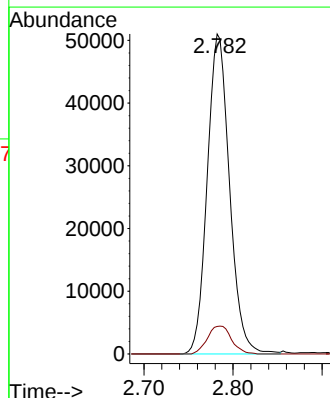
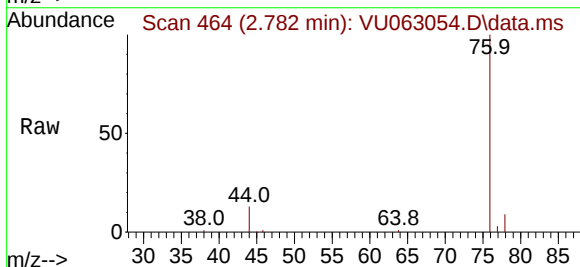
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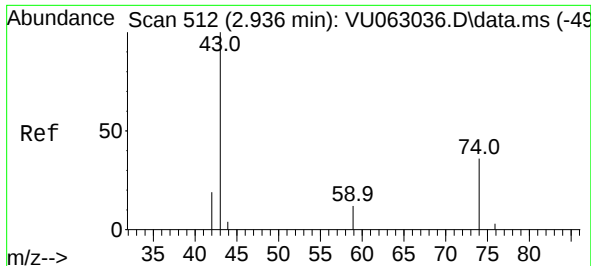
Tgt Ion: 76 Resp: 88543

Ion Ratio Lower Upper

76 100

78 8.6 7.0 10.6





#15

Methyl Acetate

Concen: 4.986 ug/L

RT: 2.940 min Scan# 512

Delta R.T. 0.003 min

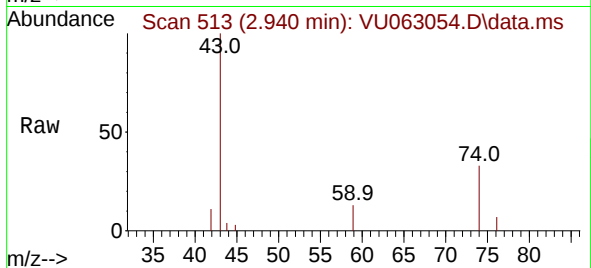
Lab File: VU063054.D

Acq: 28 Jan 2025 07:46

Instrument :

MSVOA_U

ClientSampleId :

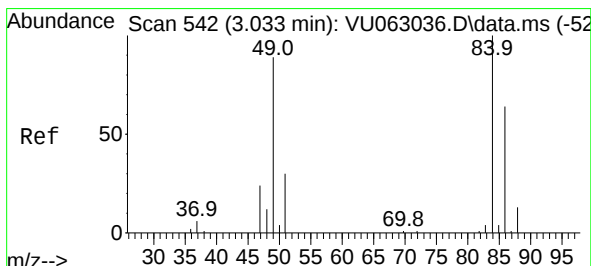
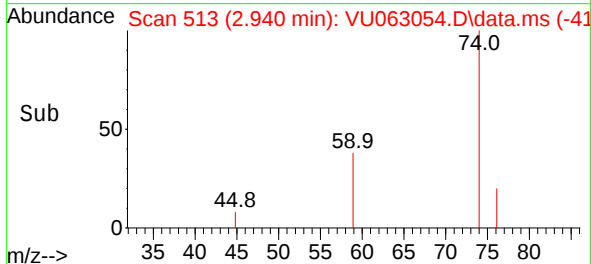
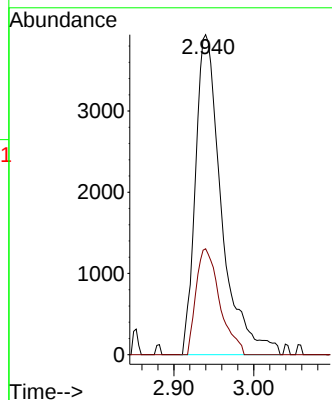


Tgt Ion: 43 Resp: 8947

Ion Ratio Lower Upper

43 100

74 30.0 24.4 36.6



#16

Methylene chloride

Concen: 4.773 ug/L

RT: 3.033 min Scan# 542

Delta R.T. 0.000 min

Lab File: VU063054.D

Acq: 28 Jan 2025 07:46

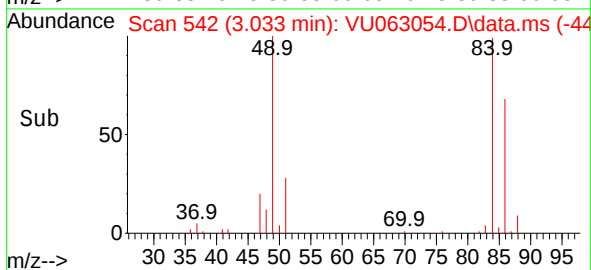
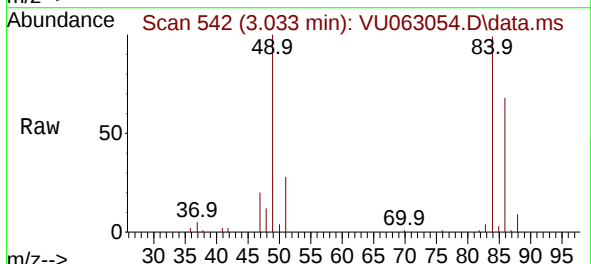
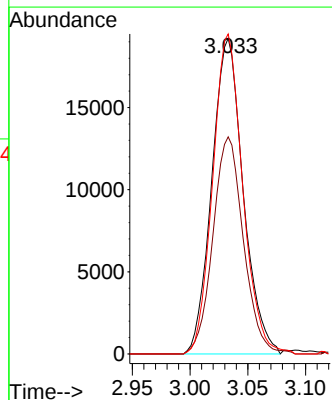
Tgt Ion: 84 Resp: 36210

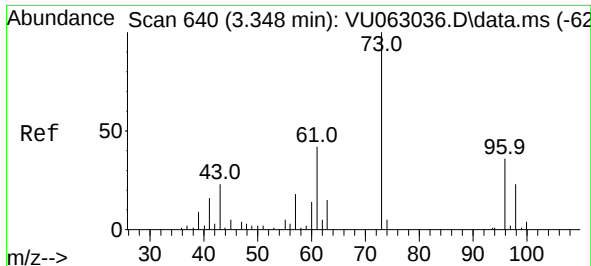
Ion Ratio Lower Upper

84 100

86 68.8 44.7 83.1

49 101.4 68.3 126.9

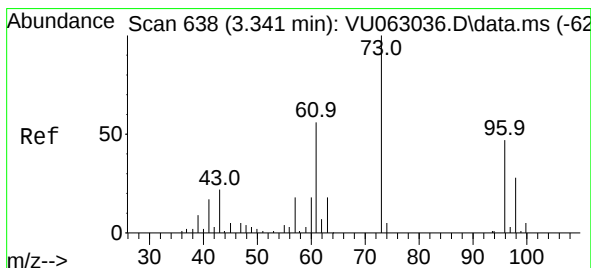
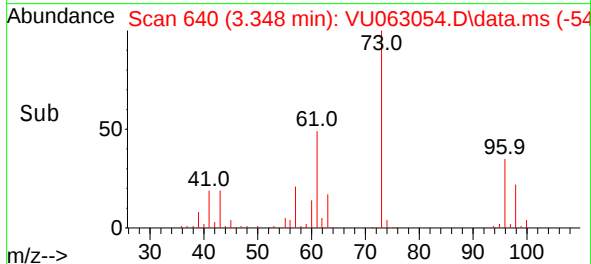
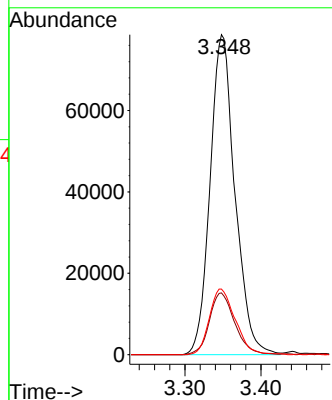
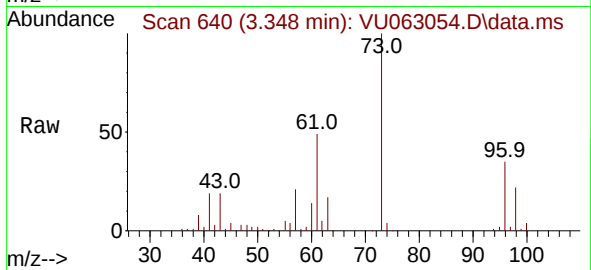




#17
Methyl tert-butyl Ether
Concen: 8.281 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

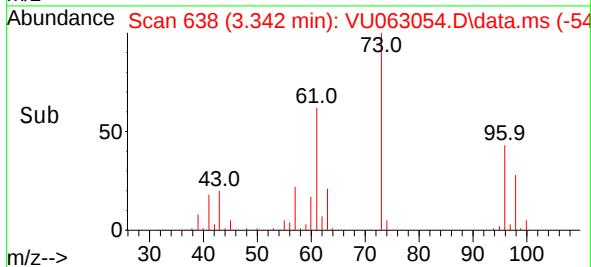
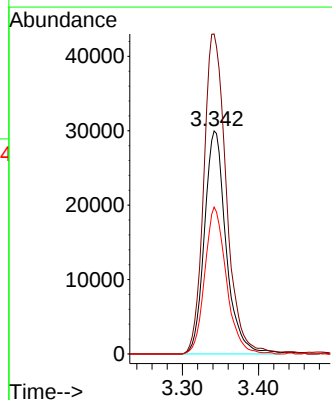
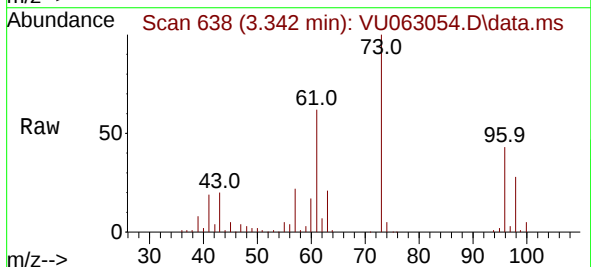
Instrument :
MSVOA_U
ClientSampleId :

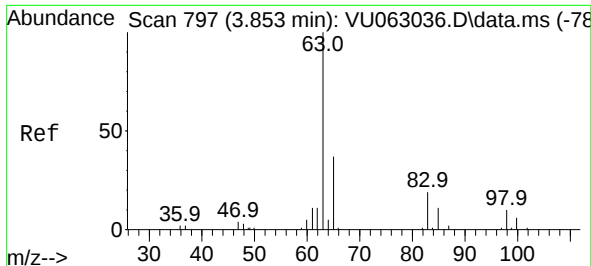
Tgt Ion: 73 Resp: 178492
Ion Ratio Lower Upper
73 100
43 19.8 16.2 24.4
57 21.3 14.6 22.0



#18
trans-1,2-Dichloroethene
Concen: 7.704 ug/L
RT: 3.342 min Scan# 638
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion: 96 Resp: 59324
Ion Ratio Lower Upper
96 100
61 143.4 94.4 175.2
98 65.8 42.8 79.4

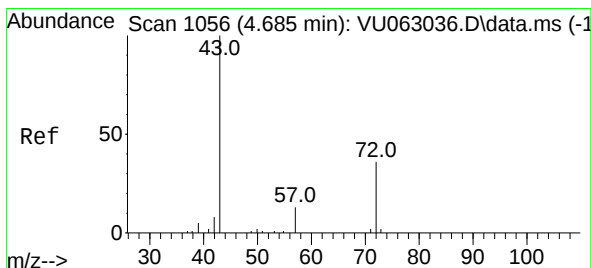
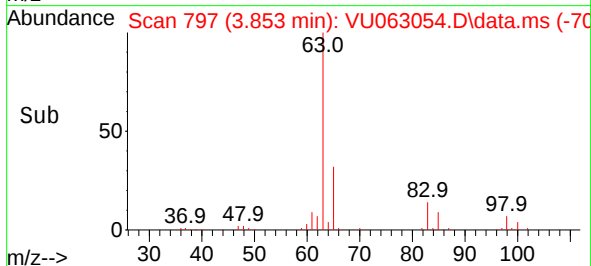
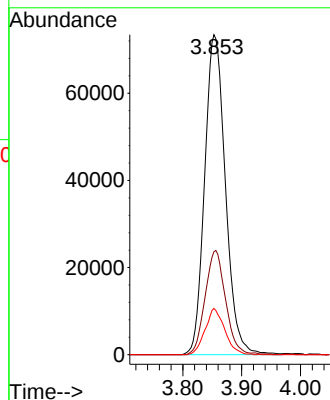
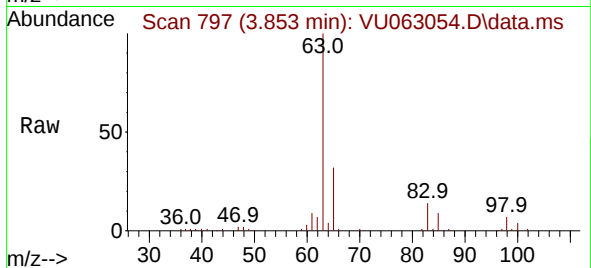




#19
1,1-Dichloroethane
Concen: 13.505 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

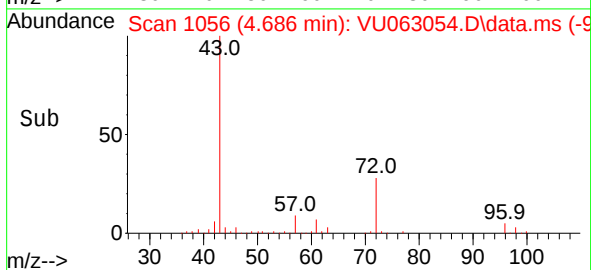
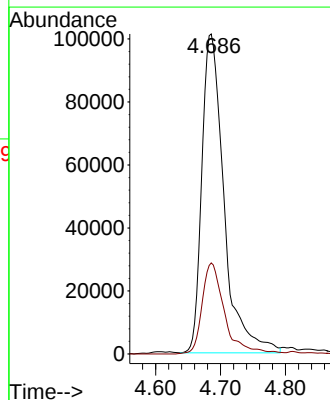
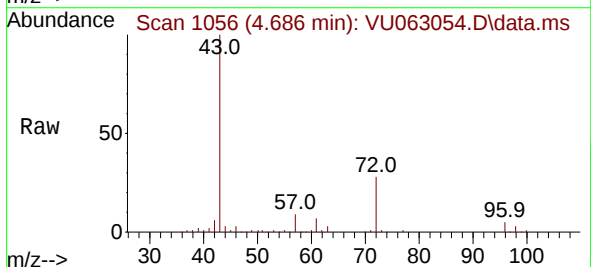
Instrument :
MSVOA_U
ClientSampleId :

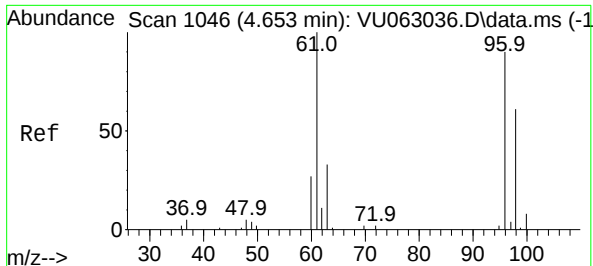
Tgt Ion: 63 Resp: 180267
Ion Ratio Lower Upper
63 100
65 32.2 20.7 38.5
83 14.5 10.5 19.5



#21
2-Butanone
Concen: 189.221 ug/L
RT: 4.686 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

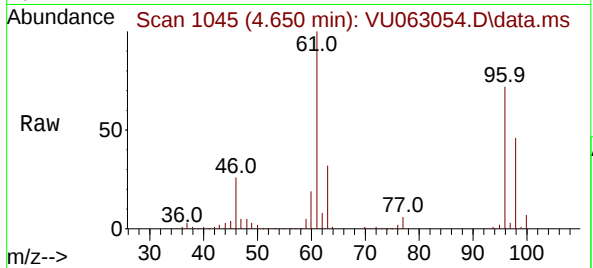
Tgt Ion: 43 Resp: 241162
Ion Ratio Lower Upper
43 100
72 28.5 17.1 51.2



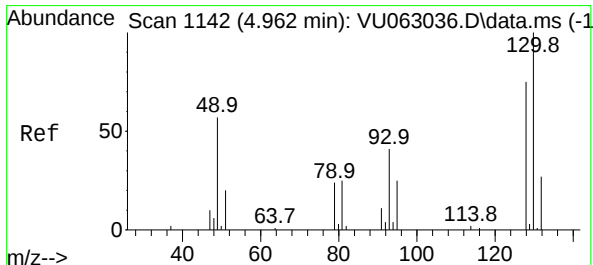
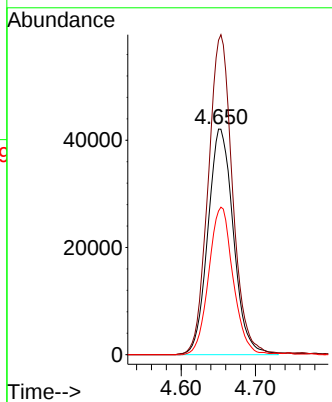
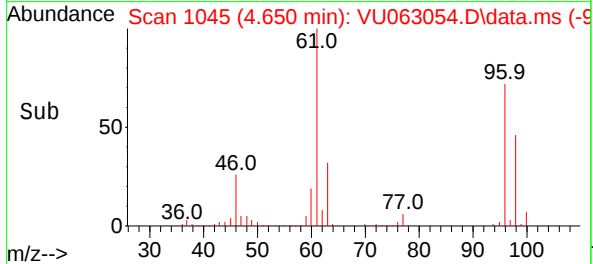


#22
cis-1,2-Dichloroethene
Concen: 10.913 ug/L
RT: 4.650 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Instrument :
MSVOA_U
ClientSampleId :

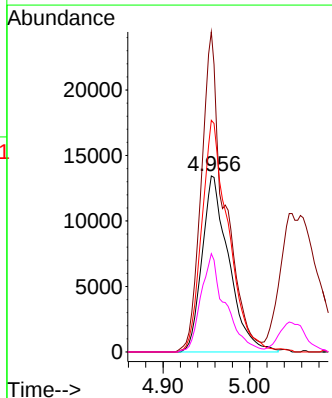
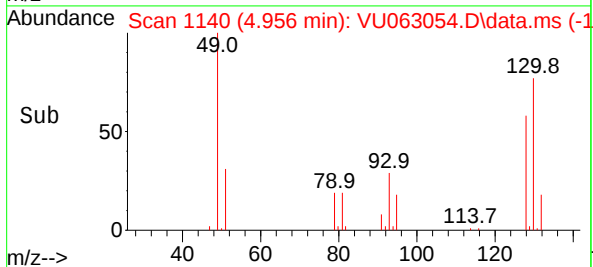
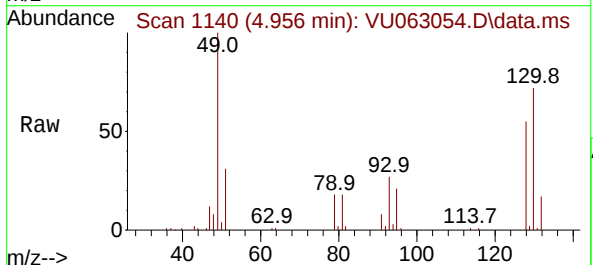


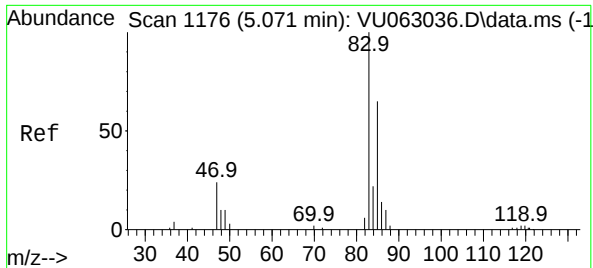
Tgt Ion: 96 Resp: 100432
Ion Ratio Lower Upper
96 100
61 139.4 84.8 157.6
98 63.7 43.1 80.1



#23
Bromochloromethane
Concen: 6.225 ug/L
RT: 4.956 min Scan# 1140
Delta R.T. -0.006 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion:128 Resp: 28750
Ion Ratio Lower Upper
128 100
49 181.8 81.1 150.7#
130 131.6 94.9 176.3
51 55.9 30.6 46.0#





#25

Chloroform

Concen: 7.552 ug/L

RT: 5.071 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VU063054.D

Acq: 28 Jan 2025 07:46

Instrument :

MSVOA_U

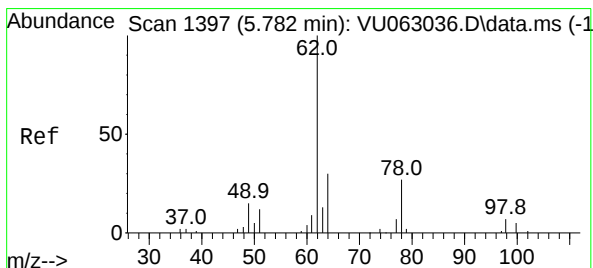
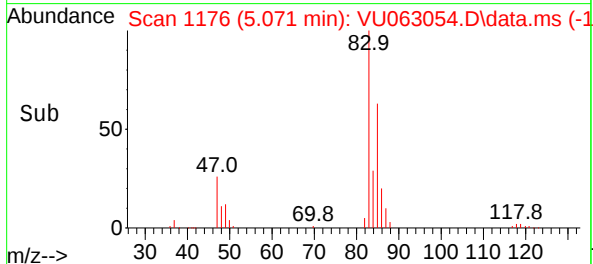
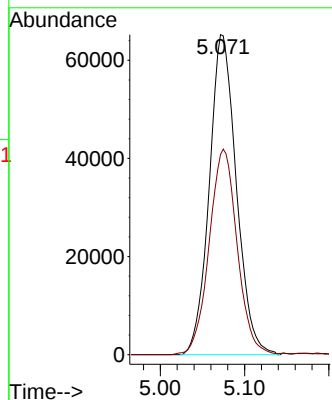
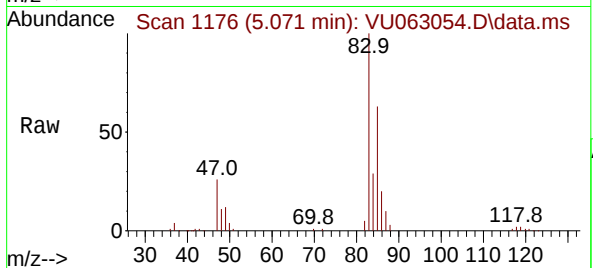
ClientSampleId :

Tgt Ion: 83 Resp: 145631

Ion Ratio Lower Upper

83 100

85 62.5 45.8 85.2



#27

1,2-Dichloroethane

Concen: 4.669 ug/L

RT: 5.779 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VU063054.D

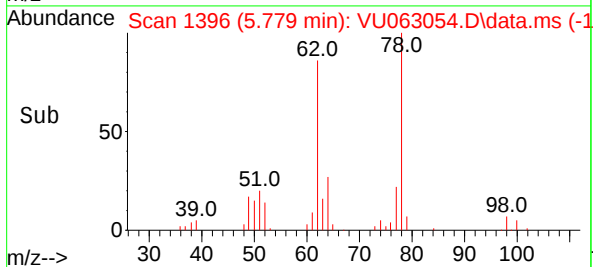
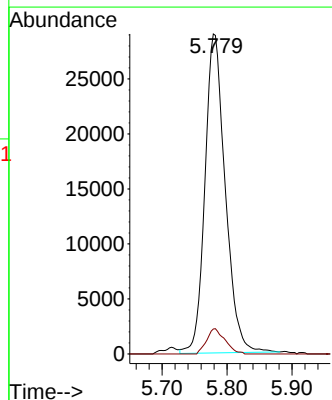
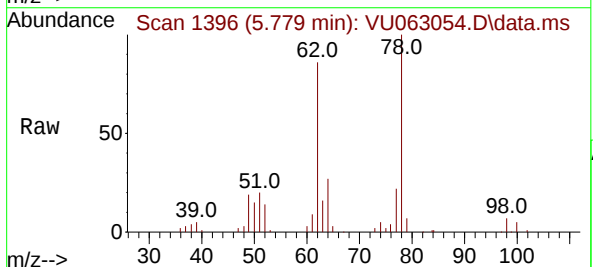
Acq: 28 Jan 2025 07:46

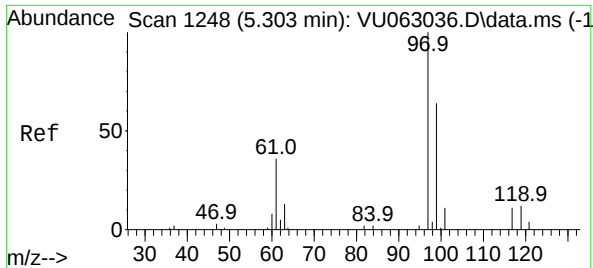
Tgt Ion: 62 Resp: 63119

Ion Ratio Lower Upper

62 100

98 7.8 5.8 8.6

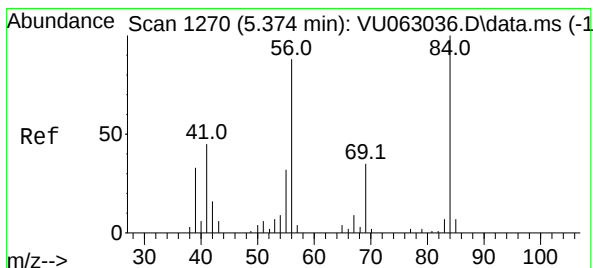
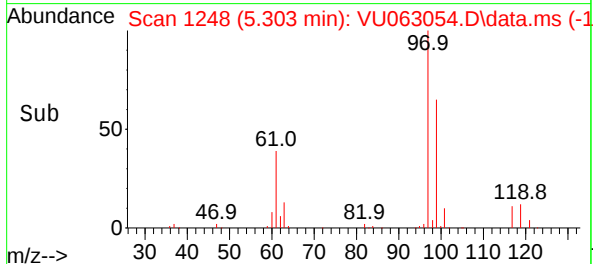
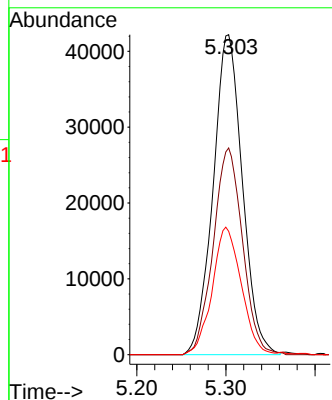
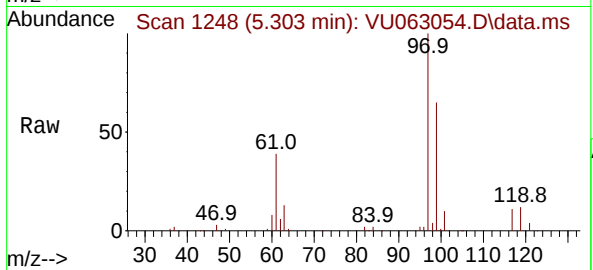




#29
1,1,1-Trichloroethane
Concen: 4.513 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

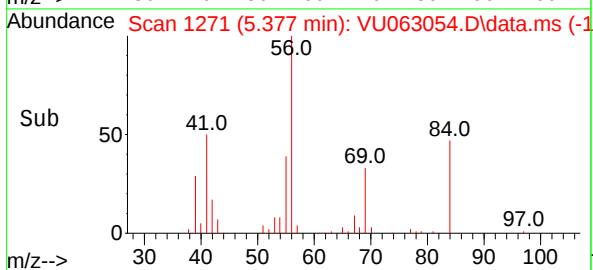
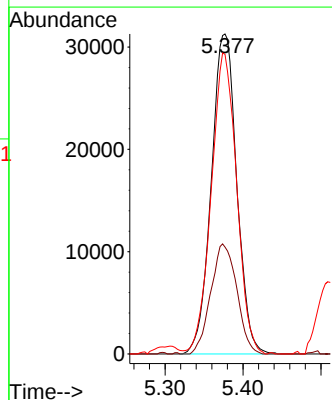
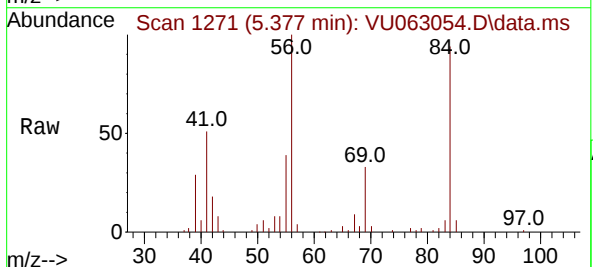
Instrument :
MSVOA_U
ClientSampleId :

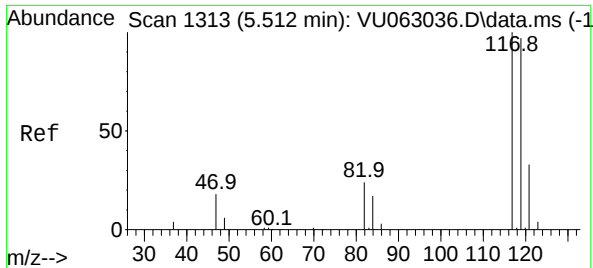
Tgt Ion: 97 Resp: 96368
Ion Ratio Lower Upper
97 100
99 64.6 52.4 78.6
61 39.6 32.2 48.4



#30
Cyclohexane
Concen: 7.152 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.003 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion: 56 Resp: 71140
Ion Ratio Lower Upper
56 100
69 35.1 28.3 42.5
84 93.9 76.5 114.7

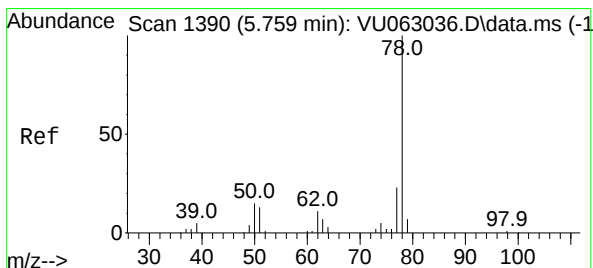
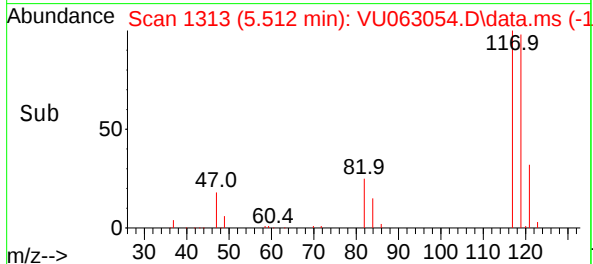
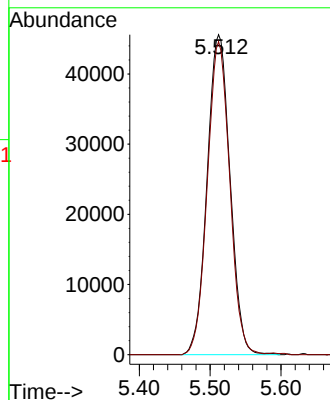
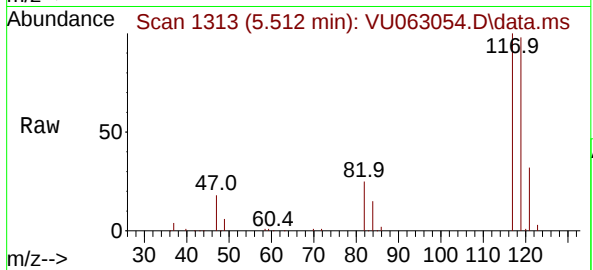




#31
Carbon tetrachloride
Concen: 4.991 ug/L
RT: 5.512 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

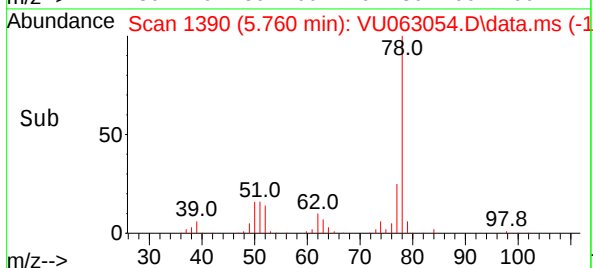
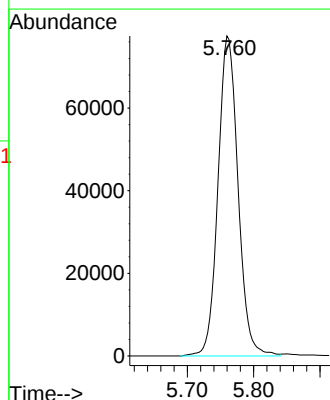
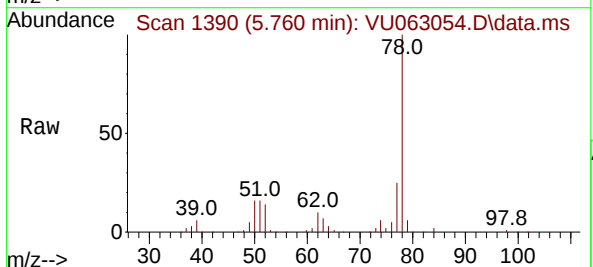
Instrument :
MSVOA_U
ClientSampleId :

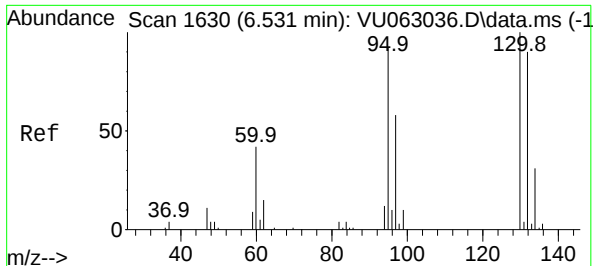
Tgt Ion:117 Resp: 102622
Ion Ratio Lower Upper
117 100
119 95.3 78.6 118.0



#33
Benzene
Concen: 4.876 ug/L
RT: 5.760 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion: 78 Resp: 162686

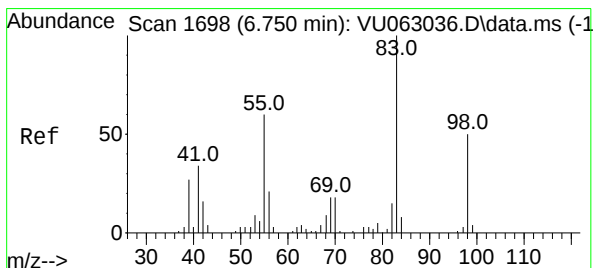
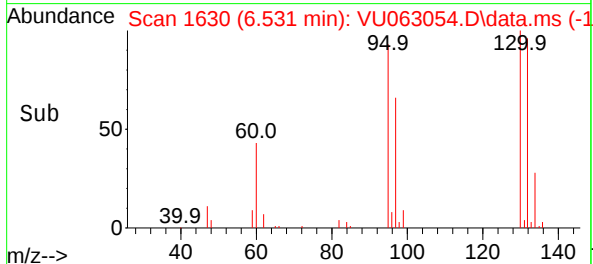
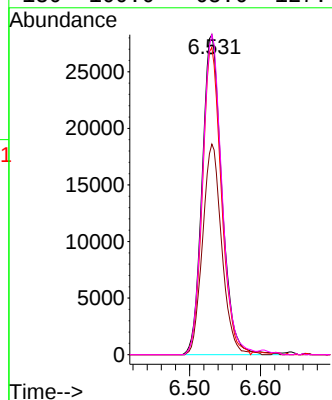
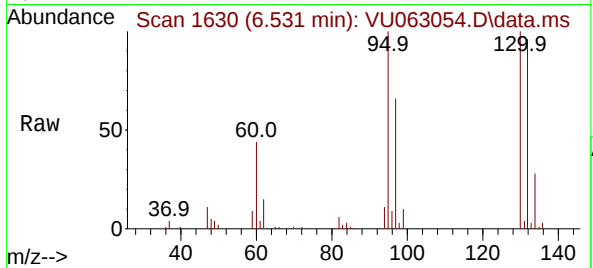




#34
Trichloroethene
Concen: 4.826 ug/L
RT: 6.531 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

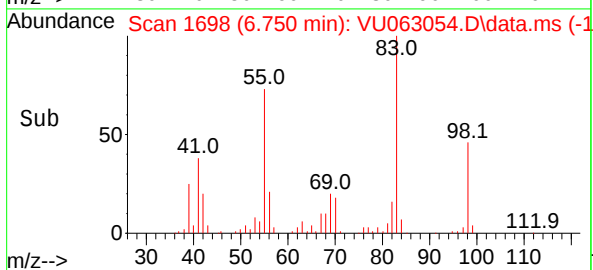
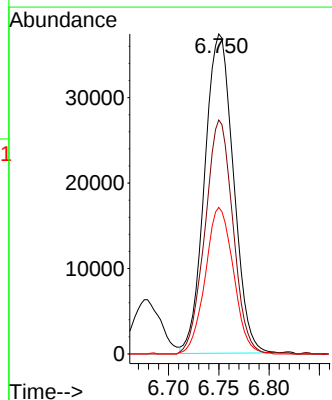
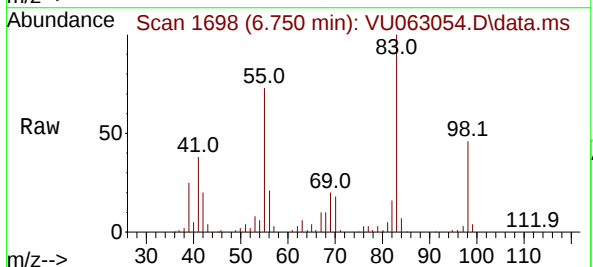
Instrument :
MSVOA_U
ClientSampleId :

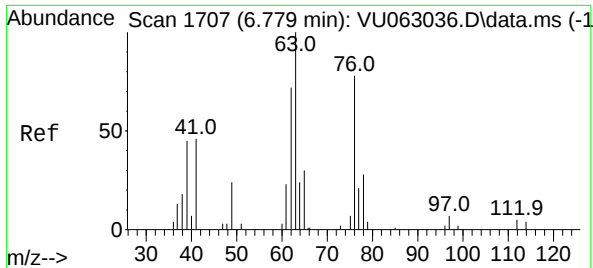
Tgt Ion: 95 Resp: 54714
Ion Ratio Lower Upper
95 100
97 65.8 47.5 88.3
132 96.0 66.9 124.3
130 100.0 68.6 127.4



#35
Methylcyclohexane
Concen: 5.216 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion: 83 Resp: 74505
Ion Ratio Lower Upper
83 100
55 70.9 57.2 85.8
98 44.7 36.6 55.0

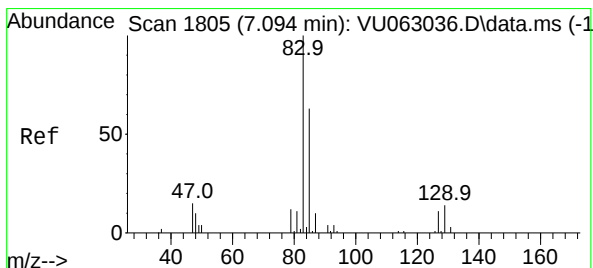
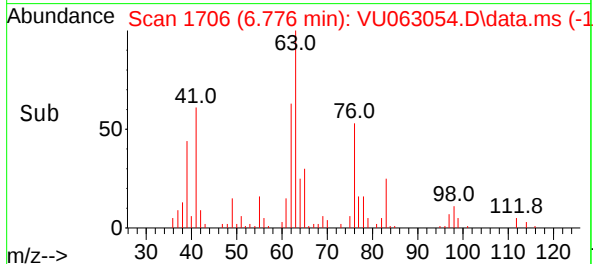
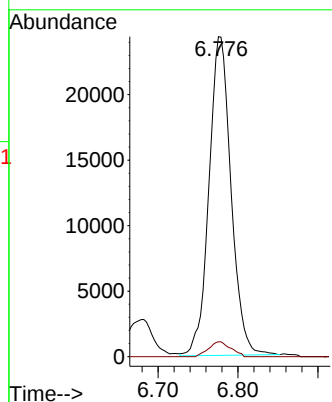
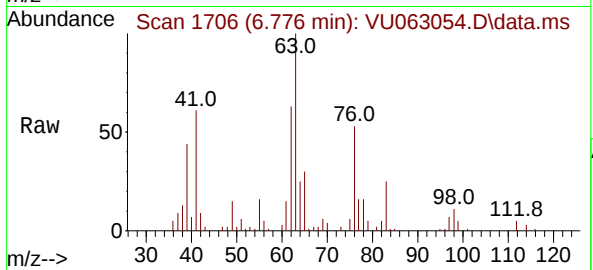




#37
1,2-Dichloropropane
Concen: 6.221 ug/L
RT: 6.776 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

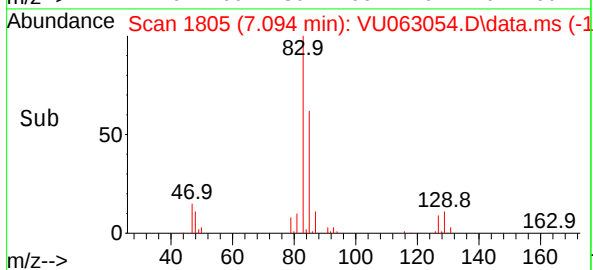
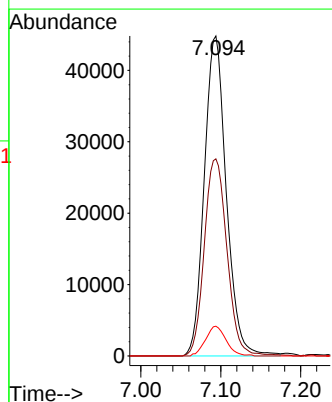
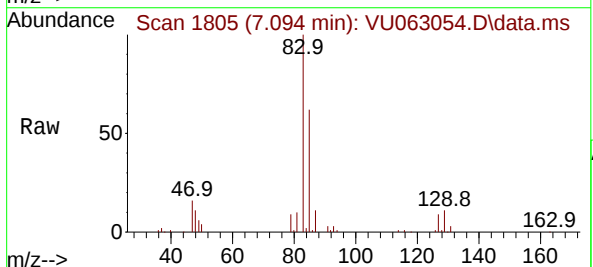
Instrument :
MSVOA_U
ClientSampleId :

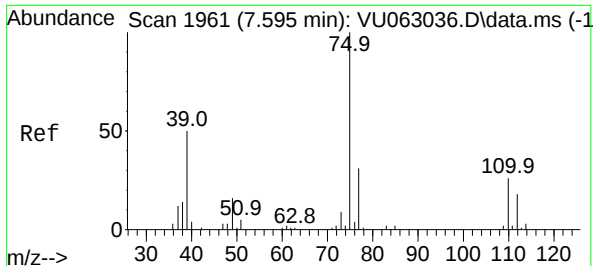
Tgt Ion: 63 Resp: 46686
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.8



#38
Bromodichloromethane
Concen: 5.713 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion: 83 Resp: 85906
Ion Ratio Lower Upper
83 100
85 61.6 44.2 82.0
127 9.3 7.8 11.8

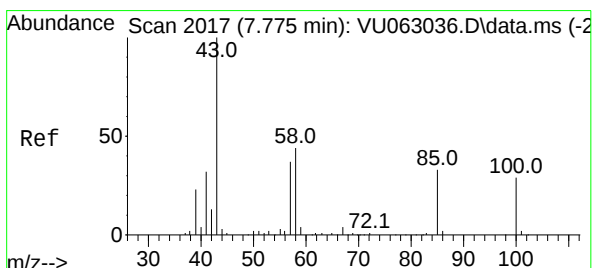
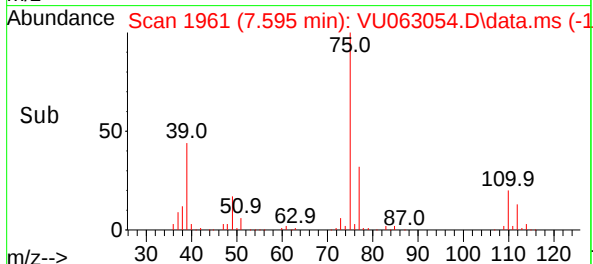
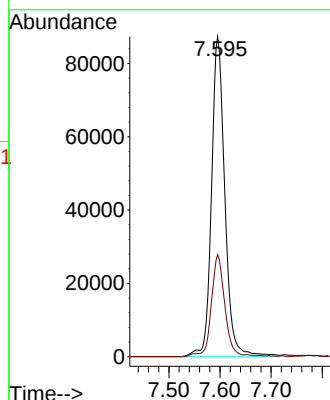
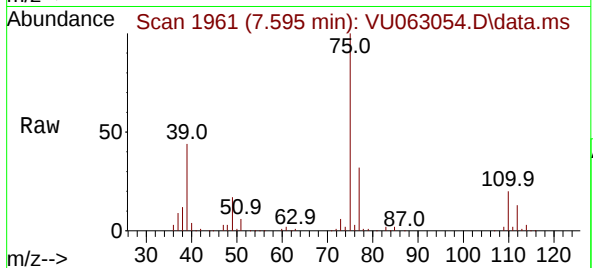




#39
 cis-1,3-Dichloropropene
 Concen: 11.236 ug/L
 RT: 7.595 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VU063054.D
 Acq: 28 Jan 2025 07:46

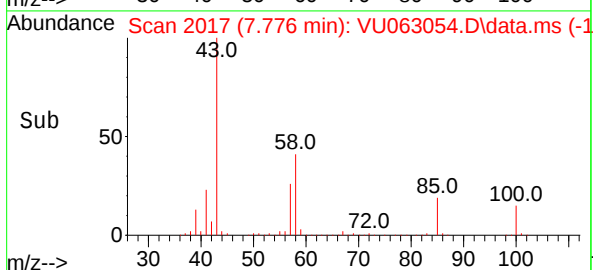
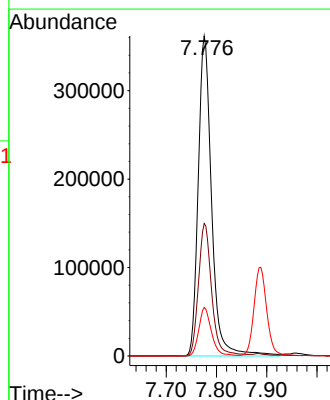
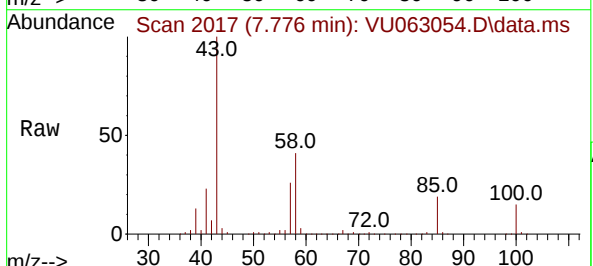
Instrument :
 MSVOA_U
 ClientSampleId :

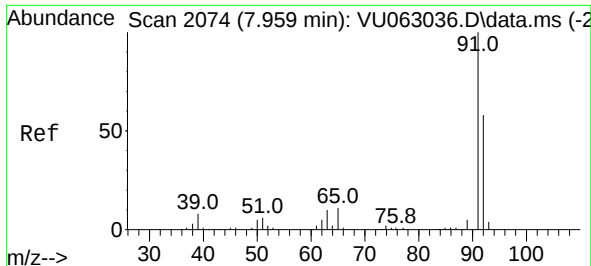
Tgt Ion: 75 Resp: 158756
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 184.994 ug/L
 RT: 7.776 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VU063054.D
 Acq: 28 Jan 2025 07:46

Tgt Ion: 43 Resp: 669712
 Ion Ratio Lower Upper
 43 100
 58 40.8 35.8 53.8
 100 14.3 16.8 25.2#





#42

Toluene

Concen: 10.272 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU063054.D

Acq: 28 Jan 2025 07:46

Instrument :

MSVOA_U

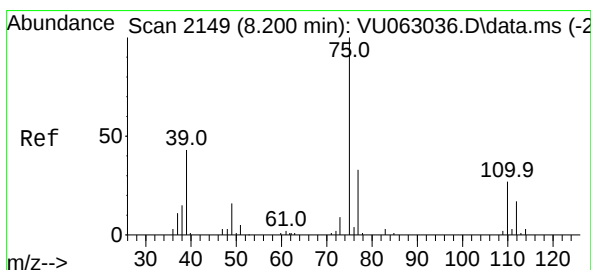
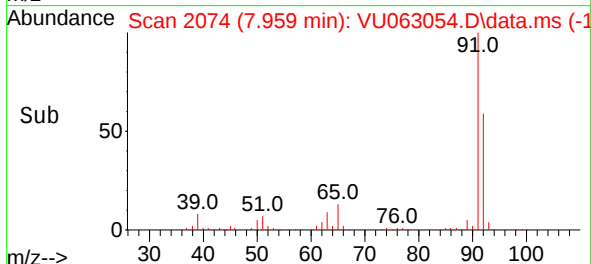
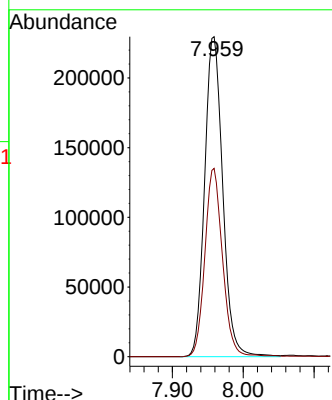
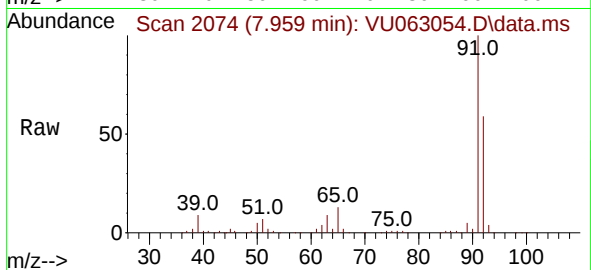
ClientSampleId :

Tgt Ion: 91 Resp: 407370

Ion Ratio Lower Upper

91 100

92 58.9 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 10.124 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. 0.000 min

Lab File: VU063054.D

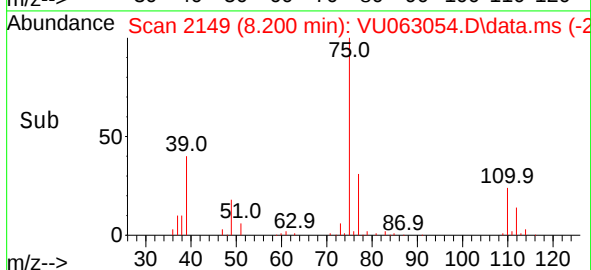
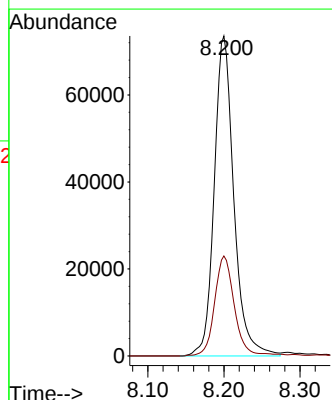
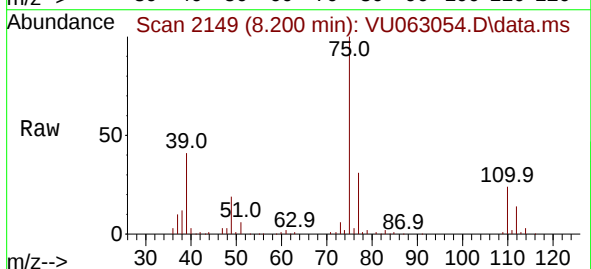
Acq: 28 Jan 2025 07:46

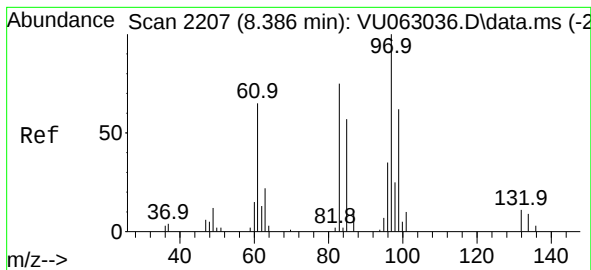
Tgt Ion: 75 Resp: 131762

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 10.729 ug/L

RT: 8.386 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VU063054.D

Acq: 28 Jan 2025 07:46

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 75779

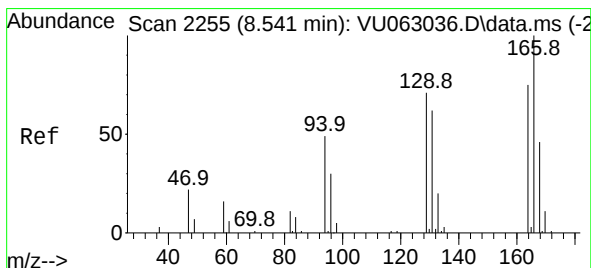
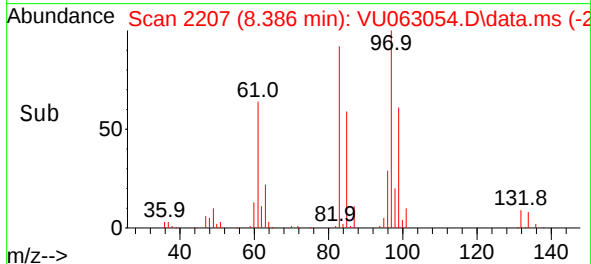
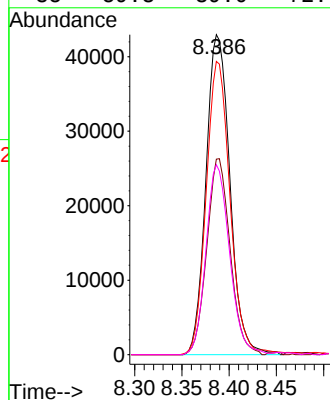
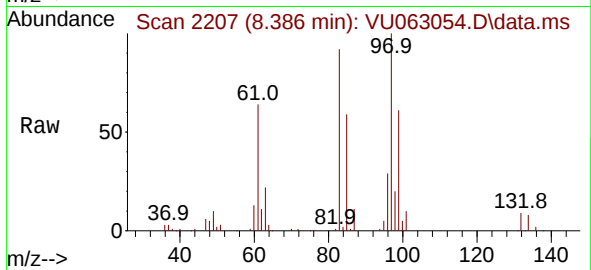
Ion Ratio Lower Upper

97 100

99 61.1 45.6 84.6

83 91.6 63.0 117.0

85 59.3 39.0 72.4



#47

Tetrachloroethene

Concen: 6.882 ug/L

RT: 8.541 min Scan# 2255

Delta R.T. 0.000 min

Lab File: VU063054.D

Acq: 28 Jan 2025 07:46

Tgt Ion:164 Resp: 67863

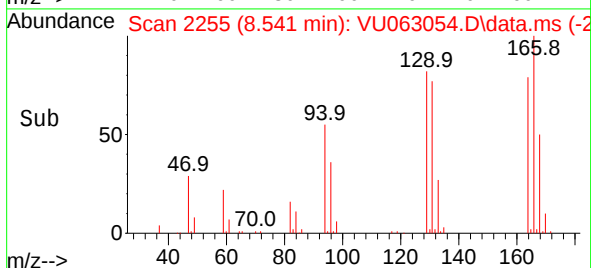
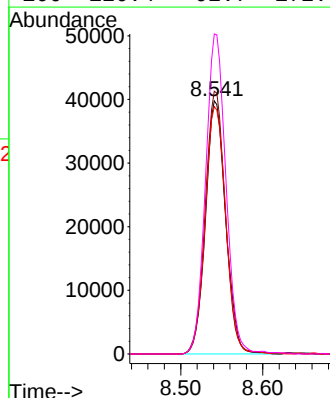
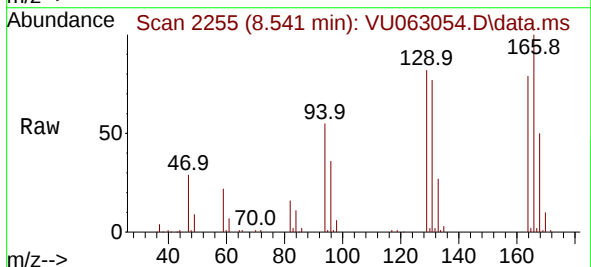
Ion Ratio Lower Upper

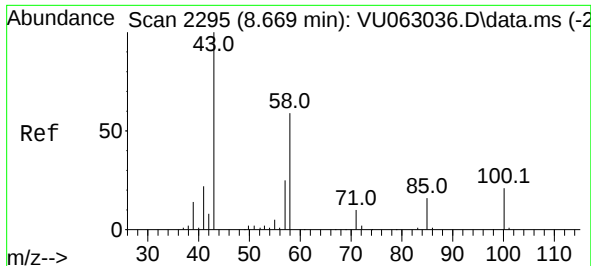
164 100

129 103.8 71.0 131.9

131 97.7 69.4 129.0

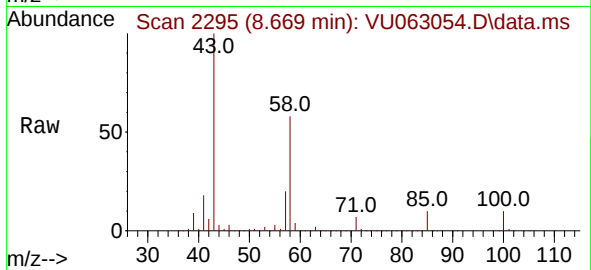
166 126.4 92.7 172.3



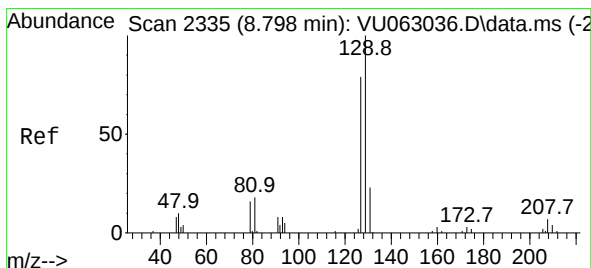
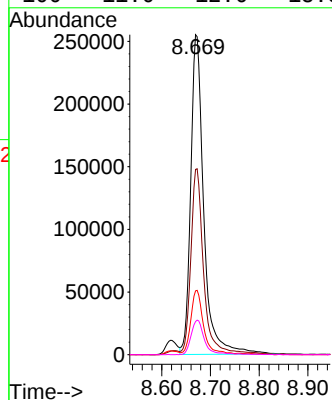
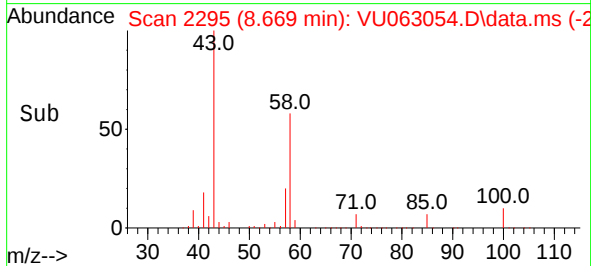


#48
2-Hexanone
Concen: 188.992 ug/L
RT: 8.669 min Scan# 2295
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Instrument :
MSVOA_U
ClientSampleId :

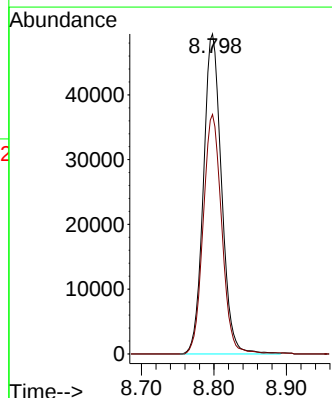
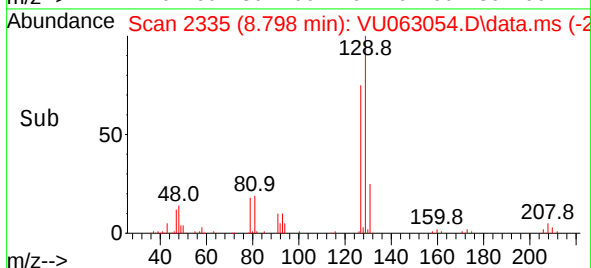
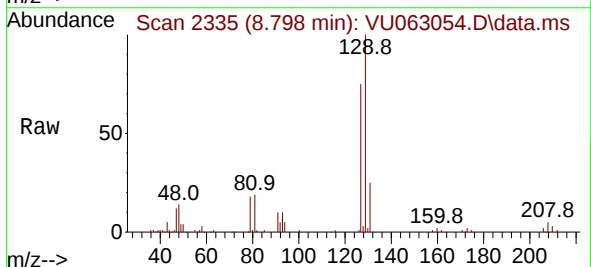


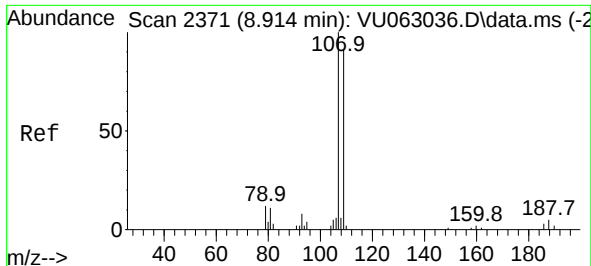
Tgt Ion: 43 Resp: 474562
Ion Ratio Lower Upper
43 100
58 56.9 50.2 75.4
57 19.0 19.9 29.9#
100 11.0 12.6 18.8#



#49
Dibromochloromethane
Concen: 7.771 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion: 129 Resp: 85650
Ion Ratio Lower Upper
129 100
127 74.9 52.1 96.9





#50

1,2-Dibromoethane

Concen: 9.949 ug/L

RT: 8.914 min Scan# 2371

Delta R.T. 0.000 min

Lab File: VU063054.D

Acq: 28 Jan 2025 07:46

Instrument :

MSVOA_U

ClientSampleId :

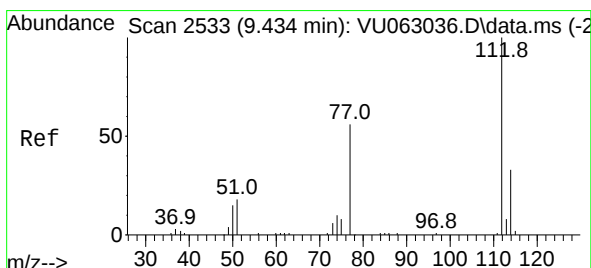
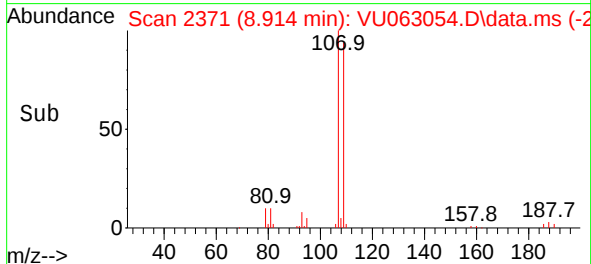
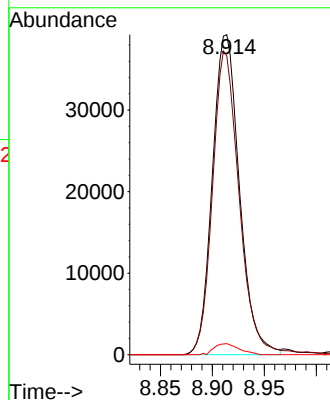
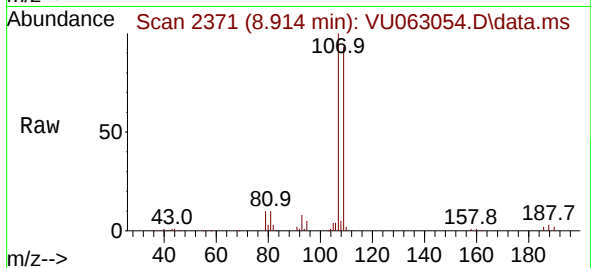
Tgt Ion:107 Resp: 70979

Ion Ratio Lower Upper

107 100

109 93.4 65.7 121.9

188 3.4 3.4 5.2#



#51

Chlorobenzene

Concen: 4.119 ug/L

RT: 9.435 min Scan# 2533

Delta R.T. 0.000 min

Lab File: VU063054.D

Acq: 28 Jan 2025 07:46

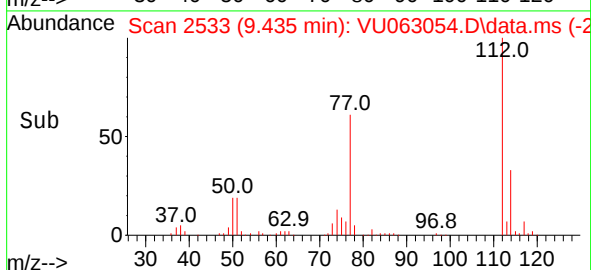
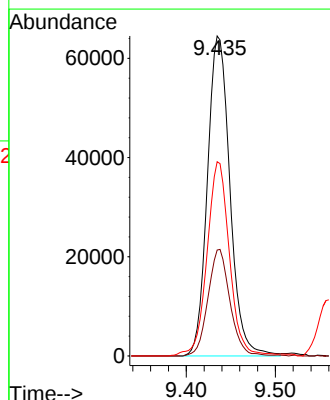
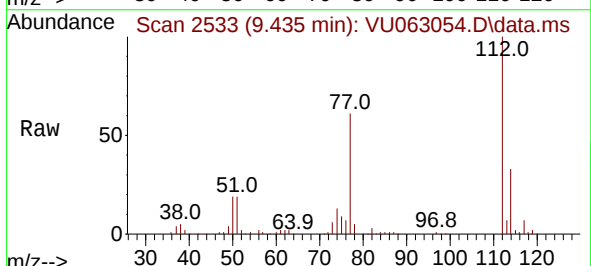
Tgt Ion:112 Resp: 113286

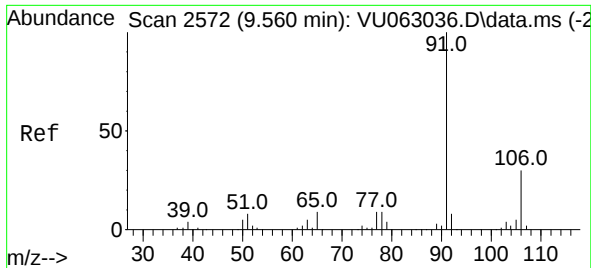
Ion Ratio Lower Upper

112 100

114 33.1 21.7 40.3

77 60.7 48.6 73.0

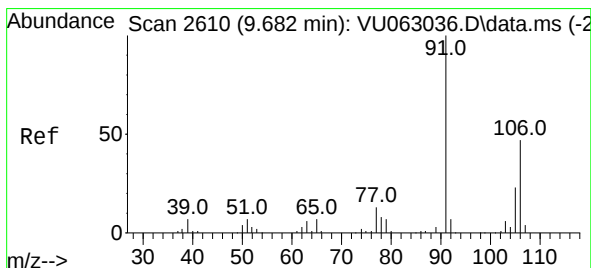
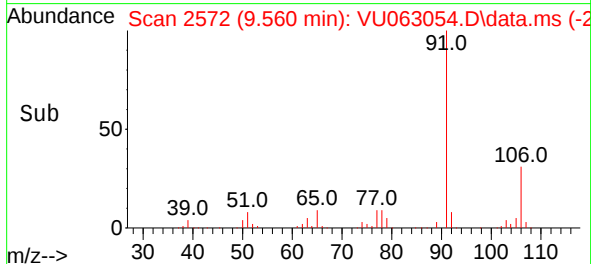
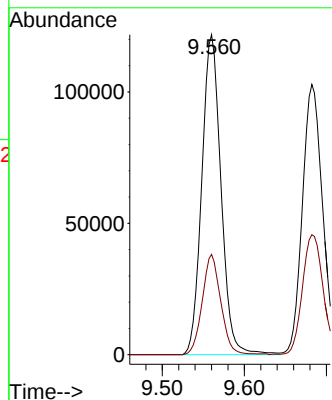
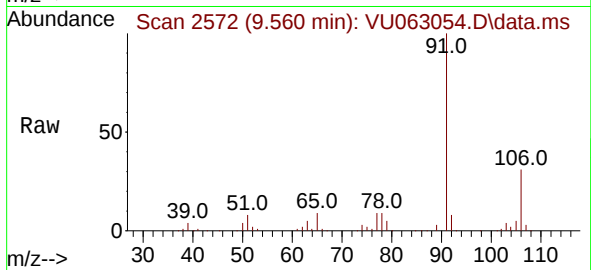




#52
Ethylbenzene
Concen: 4.282 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

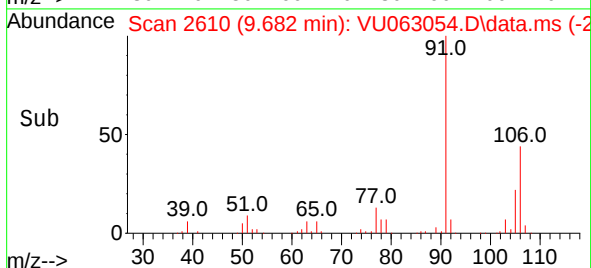
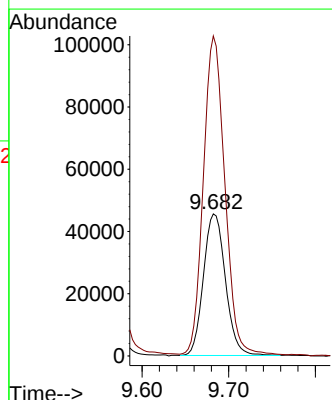
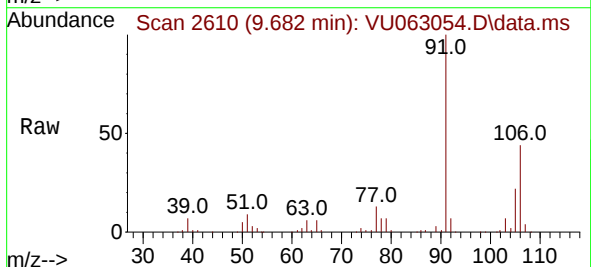
Instrument :
MSVOA_U
ClientSampleId :

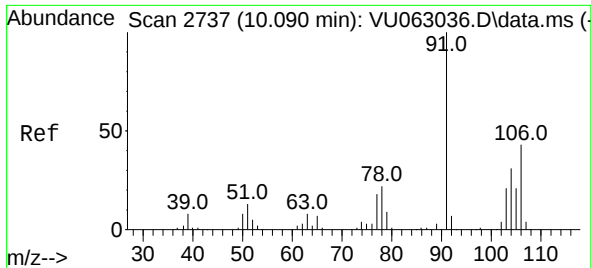
Tgt Ion: 91 Resp: 197907
Ion Ratio Lower Upper
91 100
106 31.3 21.9 40.7



#53
m,p-Xylene
Concen: 4.483 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion: 106 Resp: 80022
Ion Ratio Lower Upper
106 100
91 225.2 153.1 284.3

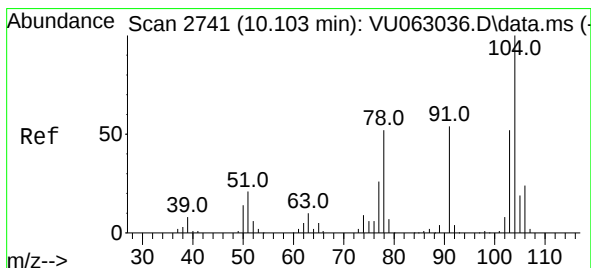
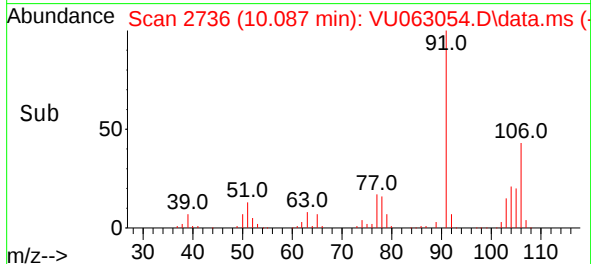
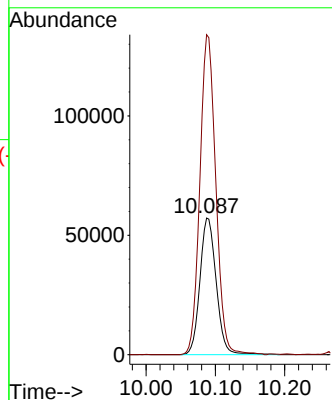
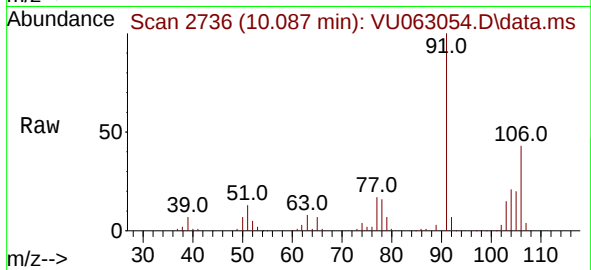




#54
o-Xylene
Concen: 5.712 ug/L
RT: 10.087 min Scan# 2736
Delta R.T. -0.003 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

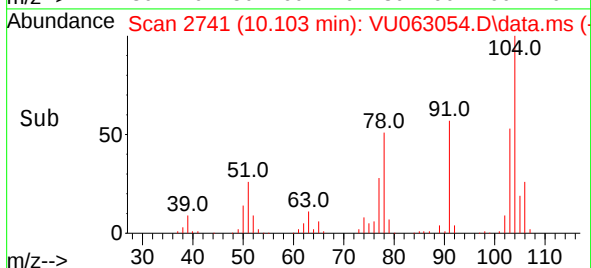
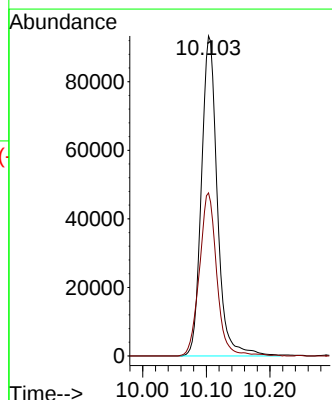
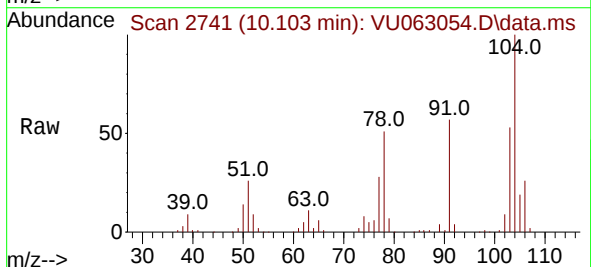
Instrument :
MSVOA_U
ClientSampleId :

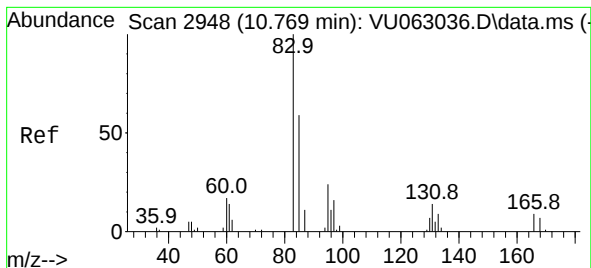
Tgt Ion:106 Resp: 93406
Ion Ratio Lower Upper
106 100
91 234.2 160.4 297.8



#55
Styrene
Concen: 5.866 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion:104 Resp: 162174
Ion Ratio Lower Upper
104 100
78 51.0 35.5 65.9

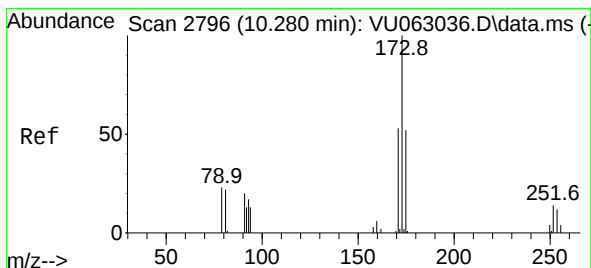
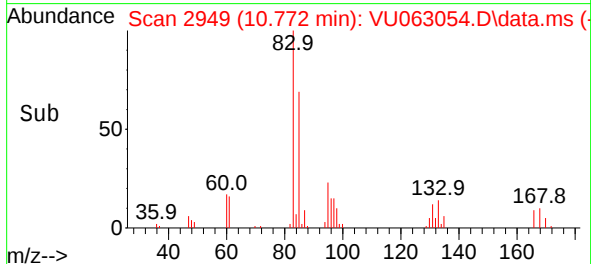
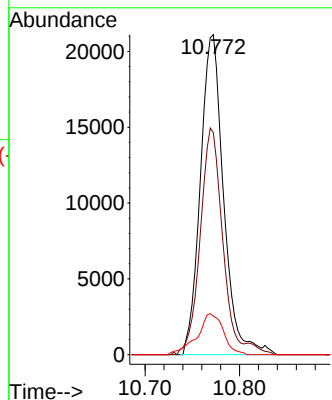
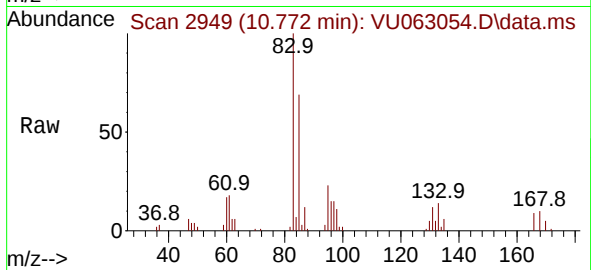




#57
1,1,2,2-Tetrachloroethane
Concen: 4.560 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

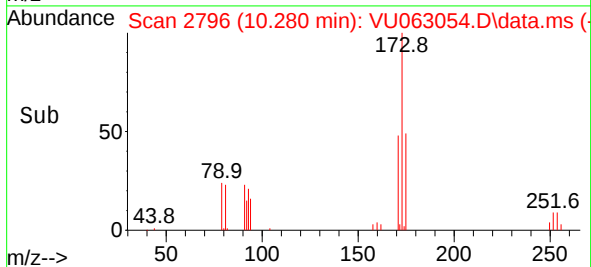
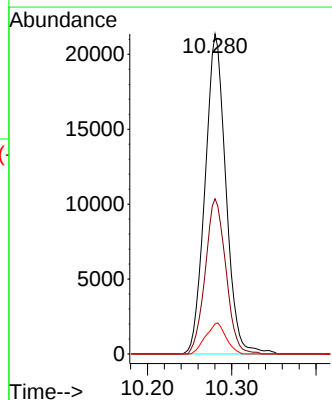
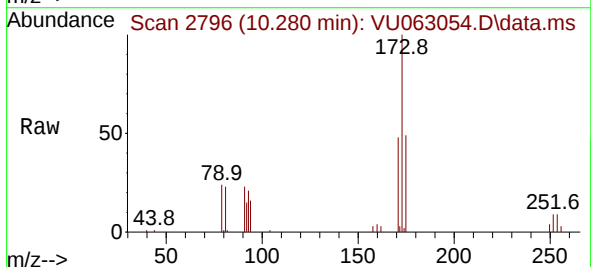
Instrument :
MSVOA_U
ClientSampleId :

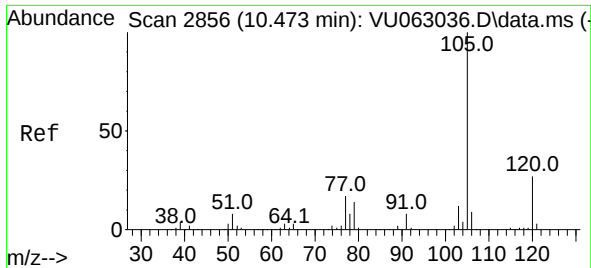
Tgt Ion: 83 Resp: 36029
Ion Ratio Lower Upper
83 100
85 69.4 43.0 79.8
131 12.1 7.4 11.0#



#59
Bromoform
Concen: 5.425 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion:173 Resp: 36639
Ion Ratio Lower Upper
173 100
175 48.0 39.8 59.8
254 9.4 8.6 12.8

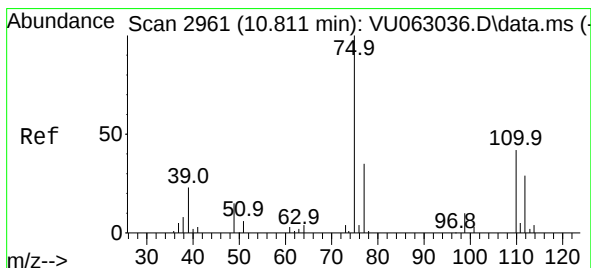
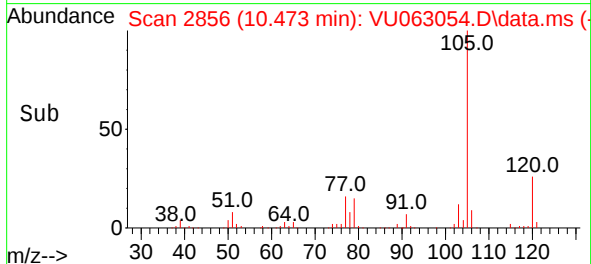
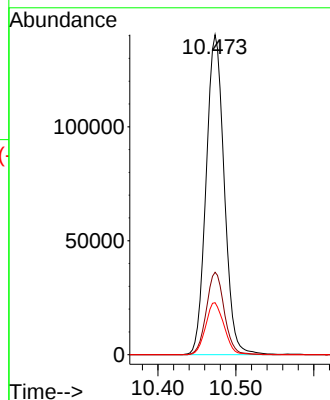
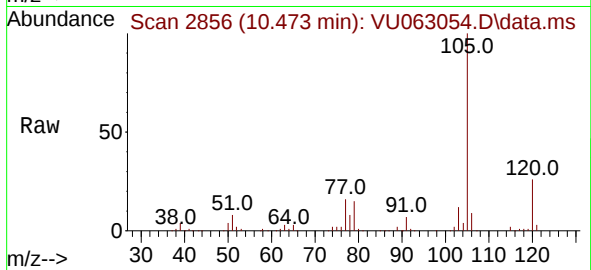




#60
Isopropylbenzene
Concen: 5.027 ug/L
RT: 10.473 min Scan# 2856
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

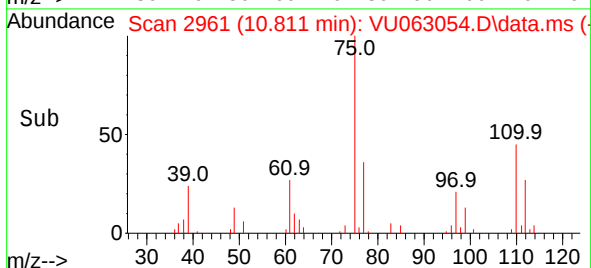
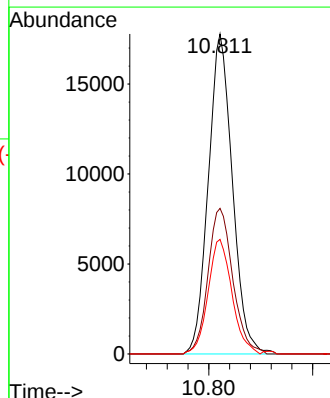
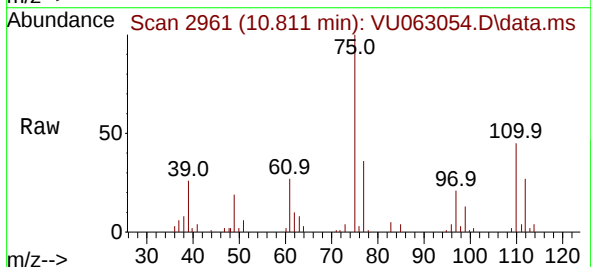
Instrument :
MSVOA_U
ClientSampleId :

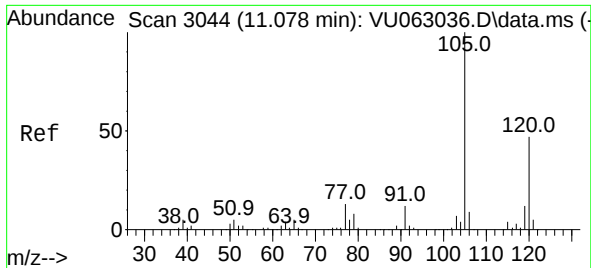
Tgt Ion:105 Resp: 226404
Ion Ratio Lower Upper
105 100
120 25.7 20.2 30.2
77 16.7 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 5.002 ug/L
RT: 10.811 min Scan# 2961
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

Tgt Ion: 75 Resp: 28610
Ion Ratio Lower Upper
75 100
110 46.9 33.2 49.8
77 35.5 25.9 38.9





#62

1,3,5-Trimethylbenzene

Concen: 4.874 ug/L

RT: 11.078 min Scan# 3044

Delta R.T. 0.000 min

Lab File: VU063054.D

Acq: 28 Jan 2025 07:46

Instrument :

MSVOA_U

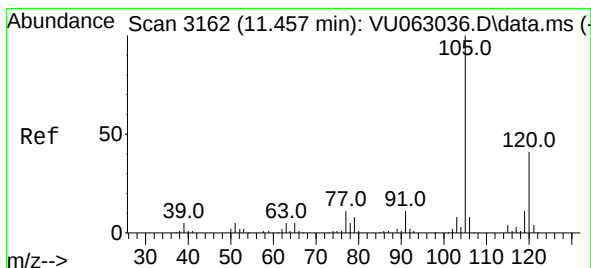
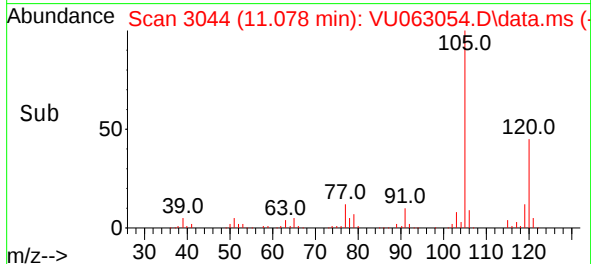
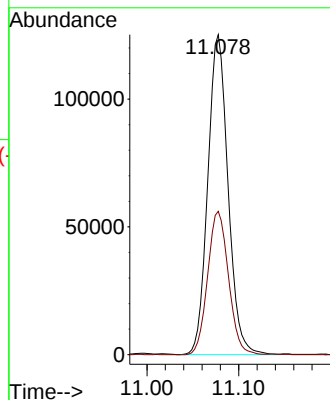
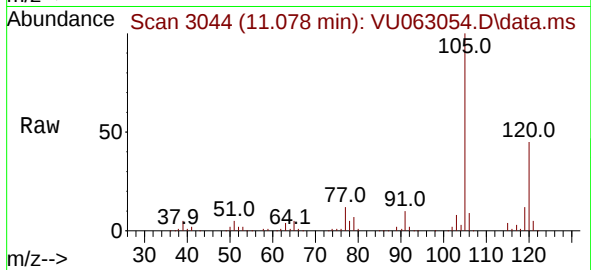
ClientSampleId :

Tgt Ion:105 Resp: 192456

Ion Ratio Lower Upper

105 100

120 46.1 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 5.066 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VU063054.D

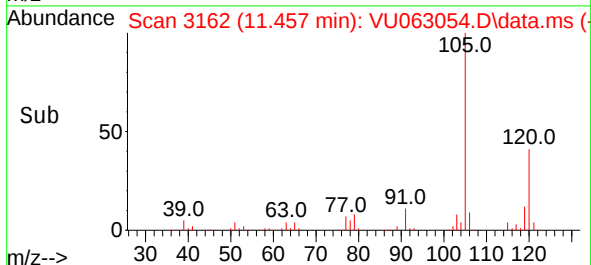
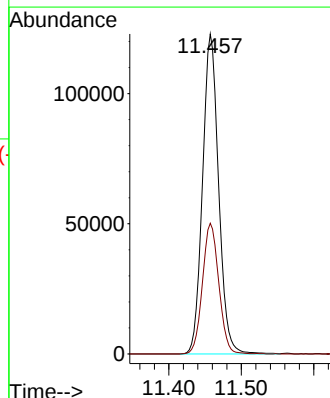
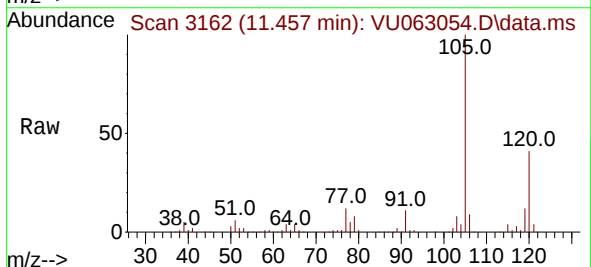
Acq: 28 Jan 2025 07:46

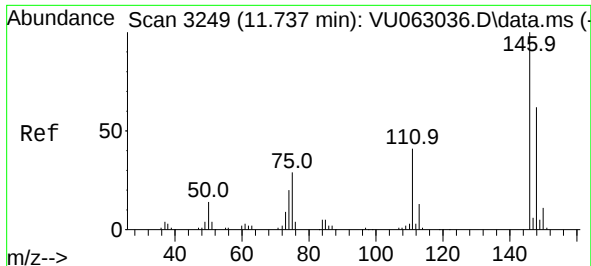
Tgt Ion:105 Resp: 189175

Ion Ratio Lower Upper

105 100

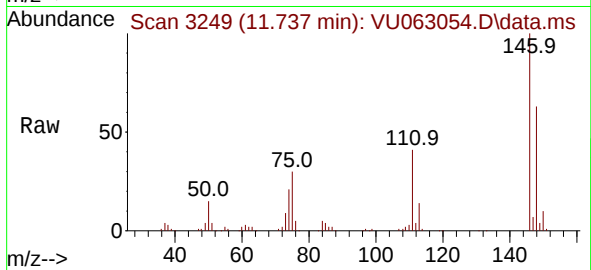
120 41.5 34.2 51.2



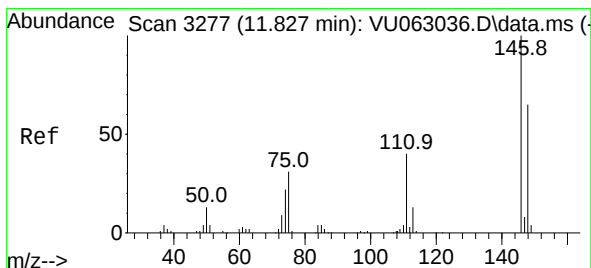
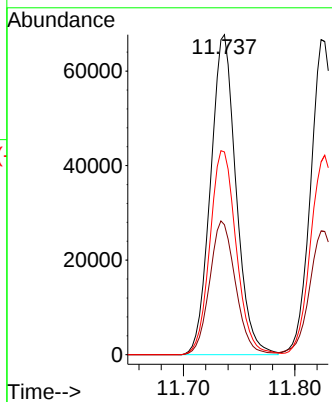
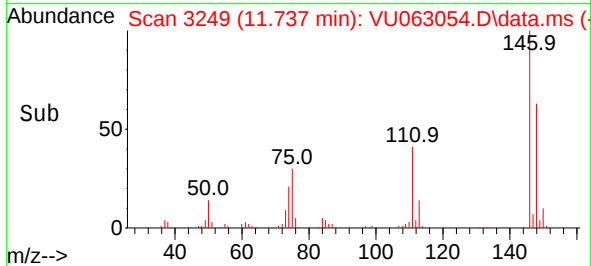


#64
1,3-Dichlorobenzene
Concen: 4.716 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

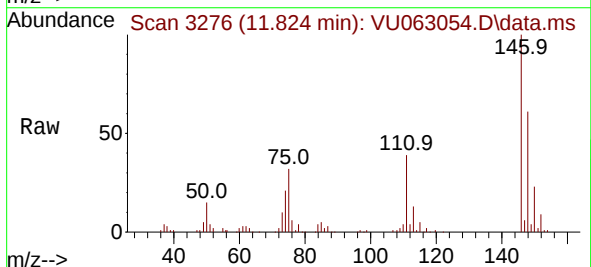
Instrument :
MSVOA_U
ClientSampleId :



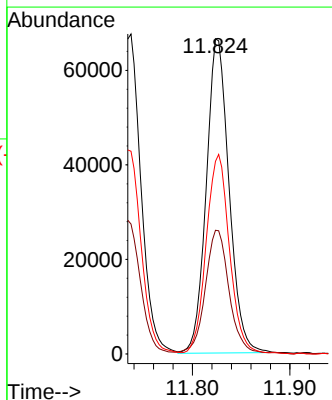
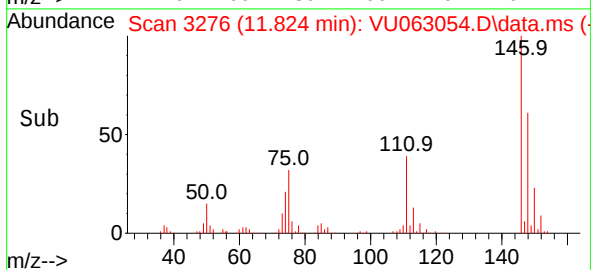
Tgt Ion:146 Resp: 107845
Ion Ratio Lower Upper
146 100
111 40.6 28.6 53.0
148 63.4 44.0 81.6

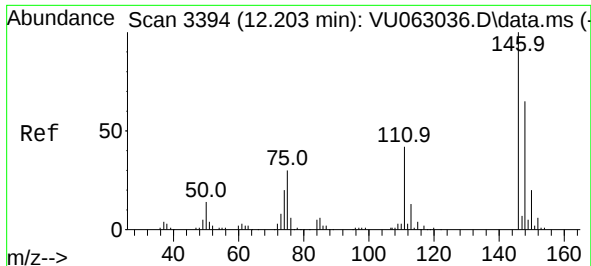


#65
1,4-Dichlorobenzene
Concen: 4.711 ug/L
RT: 11.824 min Scan# 3276
Delta R.T. -0.003 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46



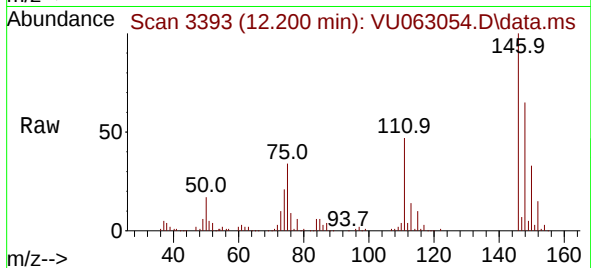
Tgt Ion:146 Resp: 108056
Ion Ratio Lower Upper
146 100
111 39.3 29.5 54.9
148 61.1 45.1 83.9



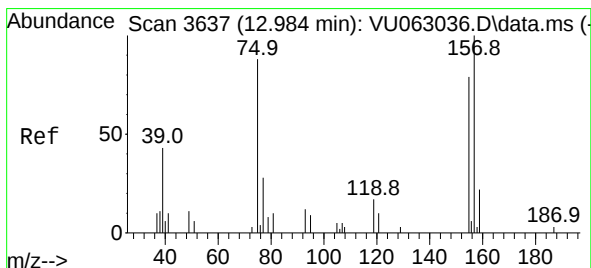
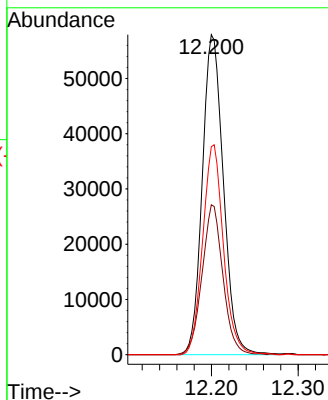
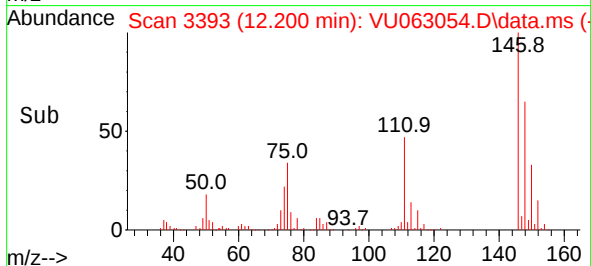


#67
1,2-Dichlorobenzene
Concen: 4.553 ug/L
RT: 12.200 min Scan# 3394
Delta R.T. -0.003 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

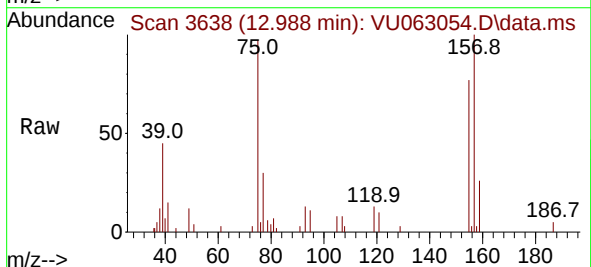
Instrument :
MSVOA_U
ClientSampleId :



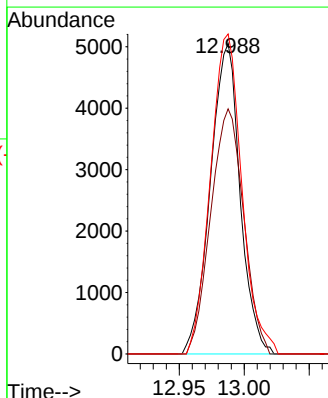
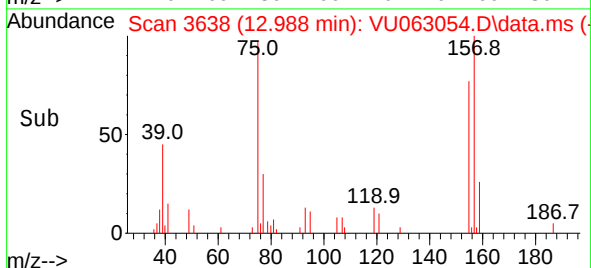
Tgt Ion:146 Resp: 97942
Ion Ratio Lower Upper
146 100
111 46.8 36.3 54.5
148 65.0 52.0 78.0

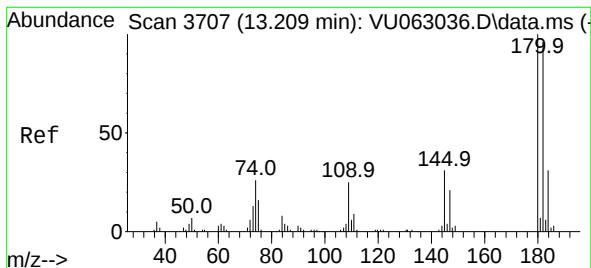


#68
1,2-Dibromo-3-chloropropane
Concen: 5.311 ug/L
RT: 12.988 min Scan# 3638
Delta R.T. 0.003 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46



Tgt Ion: 75 Resp: 8033
Ion Ratio Lower Upper
75 100
155 79.0 59.6 89.4
157 103.1 70.8 106.2





#69

1,3,5-Trichlorobenzene

Concen: 4.470 ug/L

RT: 13.209 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU063054.D

Acq: 28 Jan 2025 07:46

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 81649

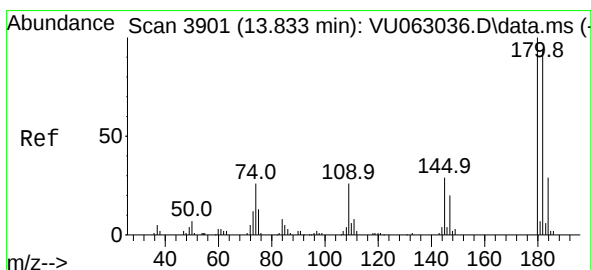
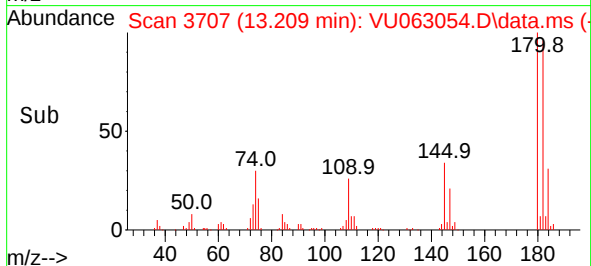
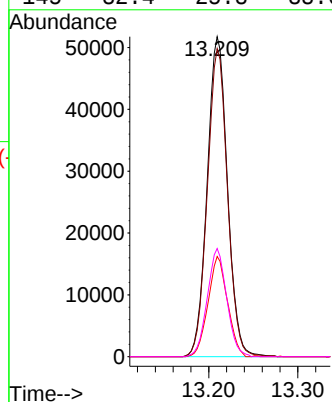
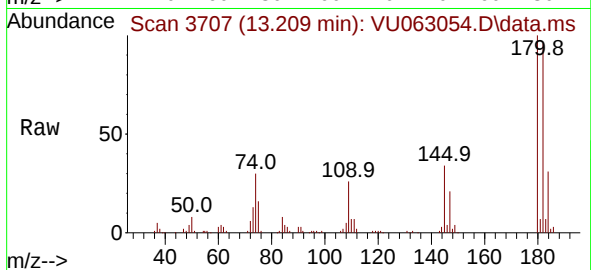
Ion Ratio Lower Upper

180 100

182 95.5 75.8 113.8

184 30.1 24.7 37.1

145 32.4 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 4.321 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.003 min

Lab File: VU063054.D

Acq: 28 Jan 2025 07:46

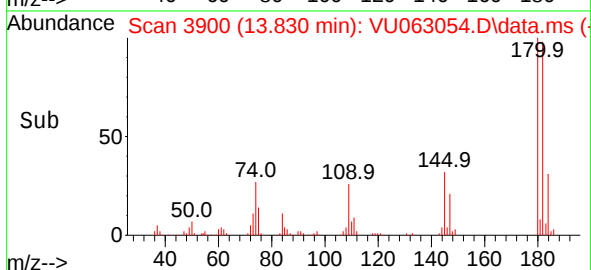
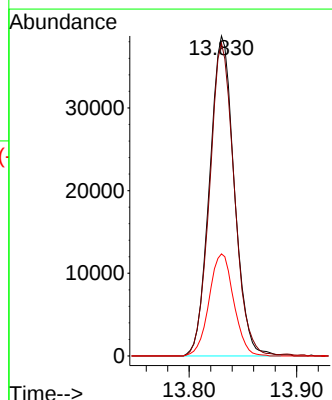
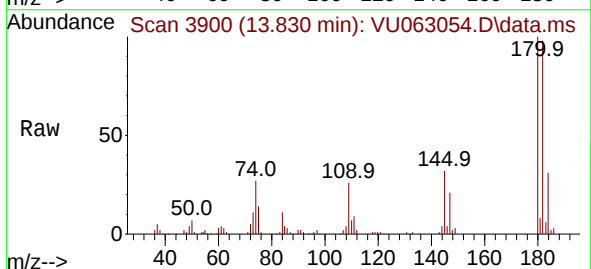
Tgt Ion:180 Resp: 61775

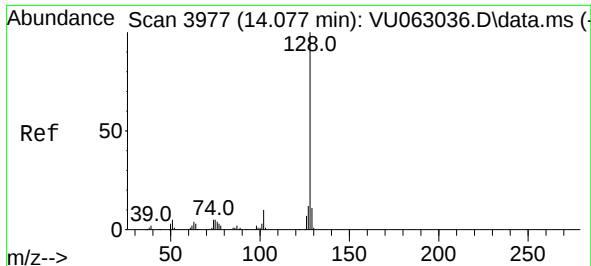
Ion Ratio Lower Upper

180 100

182 97.2 77.1 115.7

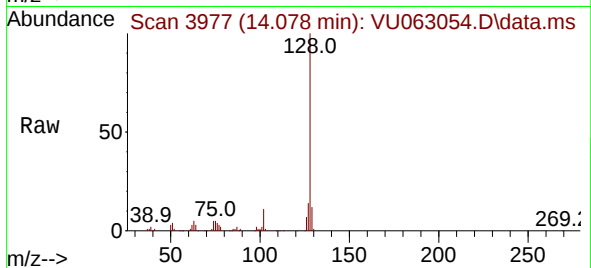
145 31.8 26.9 40.3



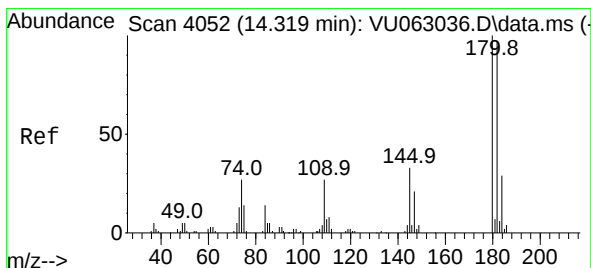
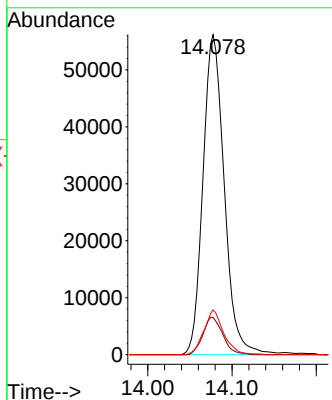
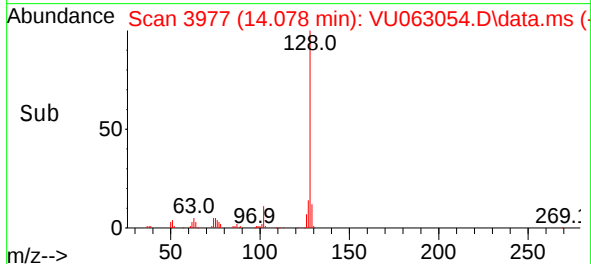


#71
Naphthalene
Concen: 5.392 ug/L
RT: 14.078 min Scan# 3977
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46

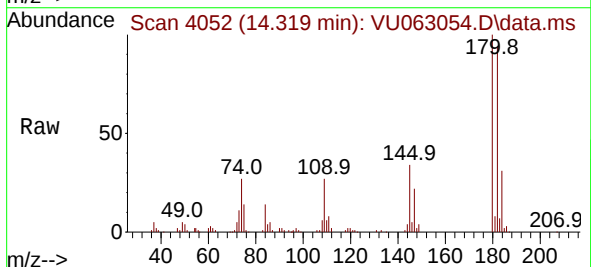
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 98908
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.0 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.430 ug/L
RT: 14.319 min Scan# 4052
Delta R.T. 0.000 min
Lab File: VU063054.D
Acq: 28 Jan 2025 07:46



Tgt Ion:180 Resp: 54717
Ion Ratio Lower Upper
180 100
182 93.2 79.8 119.6
145 34.0 29.2 43.8

