

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012825\
 Data File : VU063081.D
 Acq On : 28 Jan 2025 21:02
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 29 08:44:24 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	122126	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	112738	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	65606	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15076	3.434	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.600%
7) Chloroethane-d5	1.901	69	13124	3.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.557	65	9965	3.796	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	4.605	46	80104	62.867	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.740%
24) Chloroform-d	5.049	84	82203	4.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.689	65	47650	4.787	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.714	84	122232	4.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.676	67	32744	4.992	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.888	98	113062	4.439	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	8.168	79	20328	5.006	ug/L	0.00
46) 2-Hexanone-d5	8.621	63	71966	71.025	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	142.040%#
56) 1,1,2,2-Tetrachloroeth...	10.743	84	38081	6.114	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.200%#
66) 1,2-Dichlorobenzene-d4	12.184	152	57203	4.871	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	47864	4.375	ug/L	99
3) Chloromethane	1.518	50	22657	4.306	ug/L	96
5) Vinyl chloride	1.599	62	24235	4.125	ug/L	89
6) Bromomethane	1.846	94	8864	3.153	ug/L	86
8) Chloroethane	1.924	64	16092	5.424	ug/L	100
9) Trichlorofluoromethane	2.129	101	59903	4.033	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	31785	4.349	ug/L	91
12) 1,1-Dichloroethene	2.567	96	27609	4.352	ug/L	91
13) Acetone	2.612	43	40241	48.842	ug/L	94
14) Carbon disulfide	2.782	76	70410	4.332	ug/L	99
15) Methyl Acetate	2.943	43	9236	5.837	ug/L	93
16) Methylene chloride	3.030	84	31934	4.775	ug/L	92
17) Methyl tert-butyl Ether	3.348	73	97021	5.106	ug/L	97
18) trans-1,2-Dichloroethene	3.341	96	32566	4.797	ug/L	91
19) 1,1-Dichloroethane	3.853	63	55920	4.752	ug/L #	91
21) 2-Butanone	4.689	43	72280	64.323	ug/L	91
22) cis-1,2-Dichloroethene	4.653	96	40753	5.023	ug/L	97
23) Bromochloromethane	4.959	128	21702	5.329	ug/L #	85
25) Chloroform	5.071	83	84082	4.945	ug/L	98
27) 1,2-Dichloroethane	5.782	62	57298	4.808	ug/L	98

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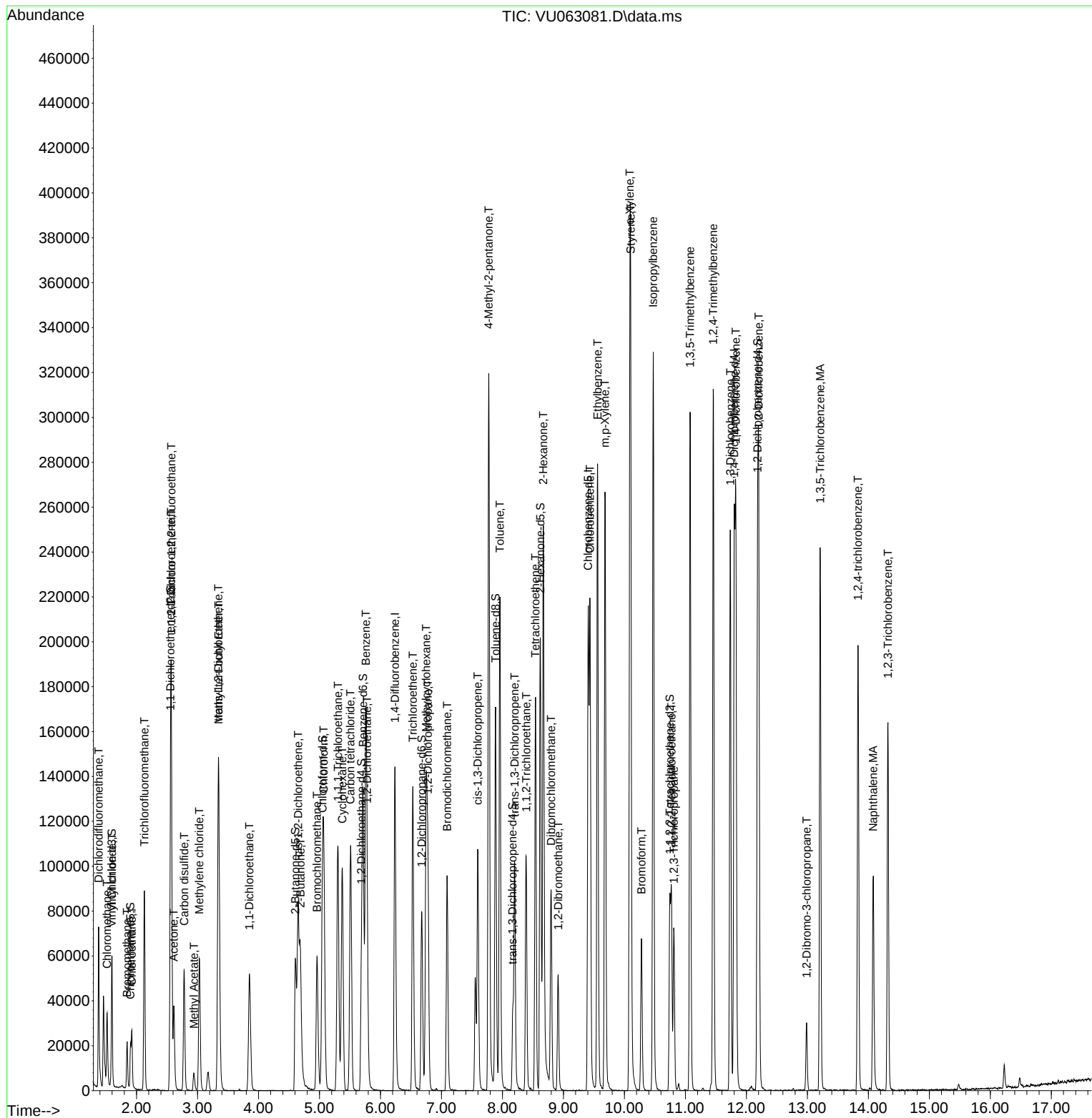
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.303	97	85477	4.890	ug/L	97
30) Cyclohexane	5.374	56	46353	5.693	ug/L	90
31) Carbon tetrachloride	5.509	117	80317	4.772	ug/L	98
33) Benzene	5.763	78	144808	5.302	ug/L	100
34) Trichloroethene	6.531	95	46433	5.003	ug/L	97
35) Methylcyclohexane	6.750	83	58781	5.027	ug/L	96
37) 1,2-Dichloropropane	6.779	63	34139	5.557	ug/L	99
38) Bromodichloromethane	7.094	83	63552	5.163	ug/L	98
39) cis-1,3-Dichloropropene	7.595	75	64085	5.541	ug/L	99
40) 4-Methyl-2-pentanone	7.775	43	170993	57.701	ug/L #	95
42) Toluene	7.959	91	164198	5.058	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	59424	5.578	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	32949	5.699	ug/L	93
47) Tetrachloroethene	8.541	164	39091	4.843	ug/L	92
48) 2-Hexanone	8.669	43	138461	67.362	ug/L	98
49) Dibromochloromethane	8.798	129	46961	5.205	ug/L	93
50) 1,2-Dibromoethane	8.914	107	33373	5.714	ug/L	96
51) Chlorobenzene	9.434	112	116460	5.173	ug/L	96
52) Ethylbenzene	9.560	91	198489	5.246	ug/L	96
53) m,p-Xylene	9.682	106	74903	5.126	ug/L	99
54) o-Xylene	10.090	106	72809	5.439	ug/L	97
55) Styrene	10.103	104	122243	5.402	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	37377	5.779	ug/L #	95
59) Bromoform	10.280	173	31214	5.007	ug/L	100
60) Isopropylbenzene	10.473	105	215633	5.187	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	29094	5.511	ug/L	94
62) 1,3,5-Trimethylbenzene	11.078	105	170461	4.677	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	182262	5.287	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	103893	4.922	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	101687	4.803	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	97170	4.893	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	8496	6.085	ug/L	91
69) 1,3,5-Trichlorobenzene	13.209	180	78099	4.632	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	64416	4.882	ug/L	99
71) Naphthalene	14.081	128	86119	5.086	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	52889	4.639	ug/L	96

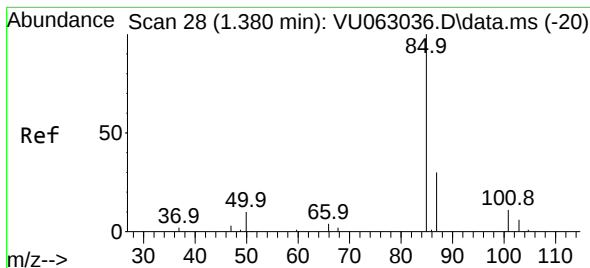
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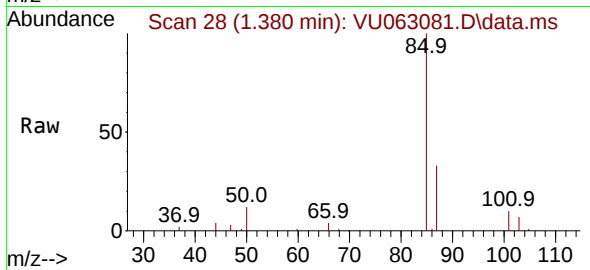
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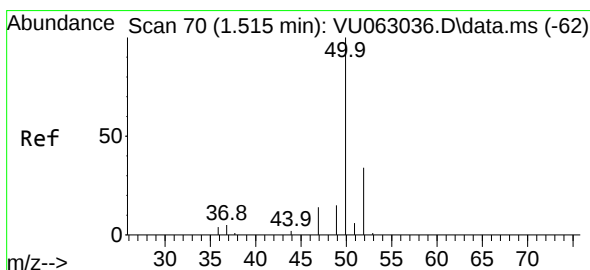
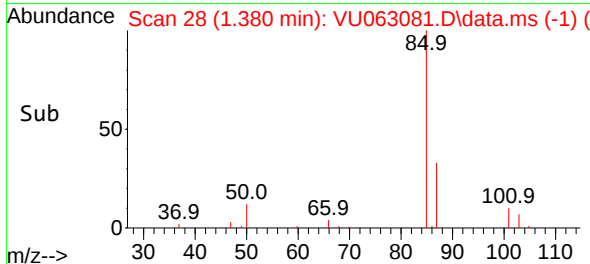
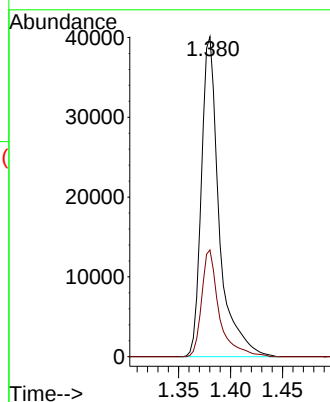


#2
 Dichlorodifluoromethane
 Concen: 4.375 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU063081.D
 Acq: 28 Jan 2025 21:02

Instrument :
 MSVOA_U
 ClientSampleId :

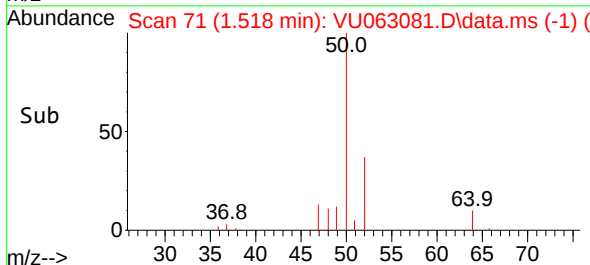
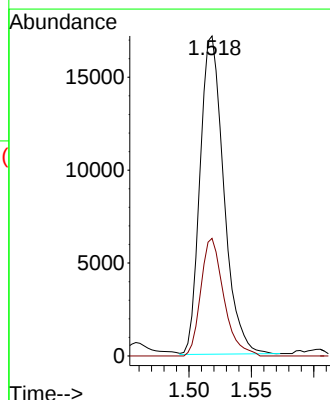
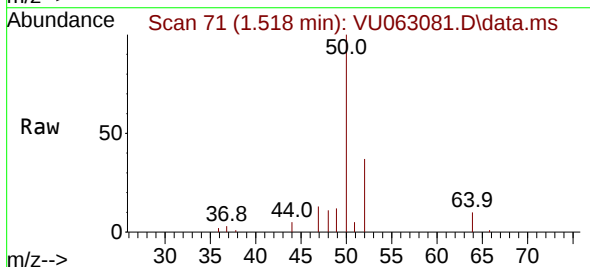


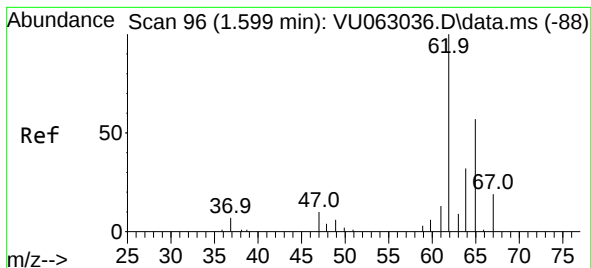
Tgt Ion: 85 Resp: 47864
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.1 39.1



#3
 Chloromethane
 Concen: 4.306 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU063081.D
 Acq: 28 Jan 2025 21:02

Tgt Ion: 50 Resp: 22657
 Ion Ratio Lower Upper
 50 100
 52 36.7 24.1 44.7





#5

Vinyl chloride

Concen: 4.125 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU063081.D

Acq: 28 Jan 2025 21:02

Instrument :

MSVOA_U

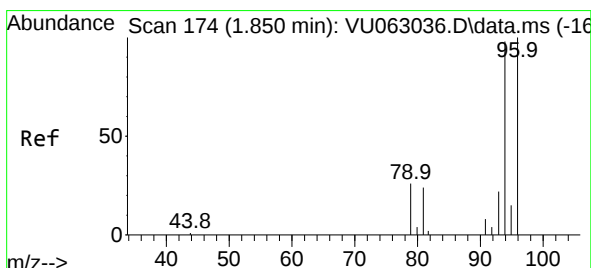
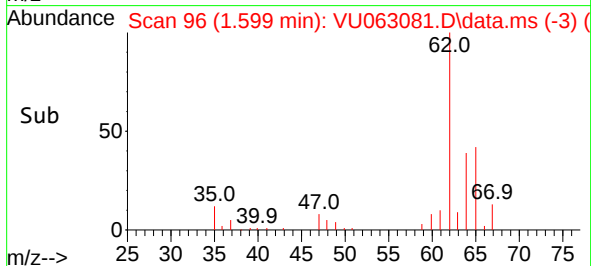
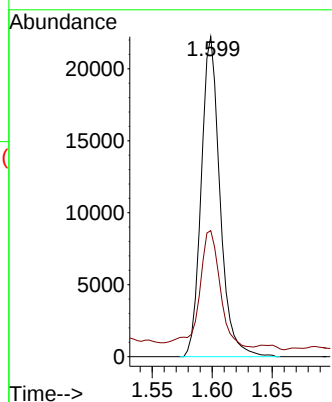
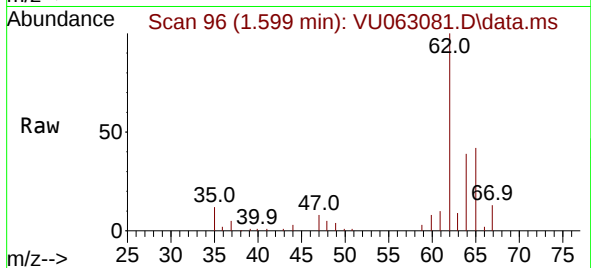
ClientSampleId :

Tgt Ion: 62 Resp: 24235

Ion Ratio Lower Upper

62 100

64 39.4 23.4 43.4



#6

Bromomethane

Concen: 3.153 ug/L

RT: 1.846 min Scan# 173

Delta R.T. 0.003 min

Lab File: VU063081.D

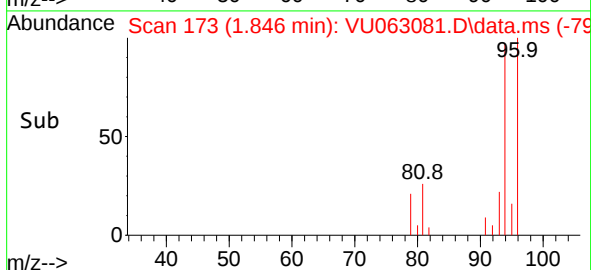
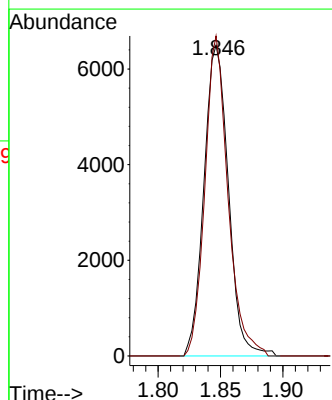
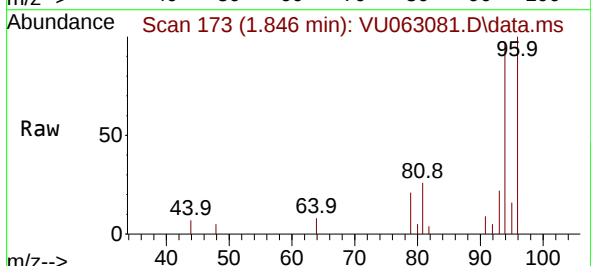
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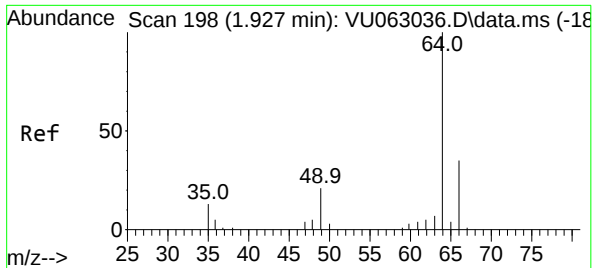
Tgt Ion: 94 Resp: 8864

Ion Ratio Lower Upper

94 100

96 103.0 62.9 116.7





#8

Chloroethane

Concen: 5.424 ug/L

RT: 1.924 min Scan# 198

Delta R.T. 0.000 min

Lab File: VU063081.D

Acq: 28 Jan 2025 21:02

Instrument :

MSVOA_U

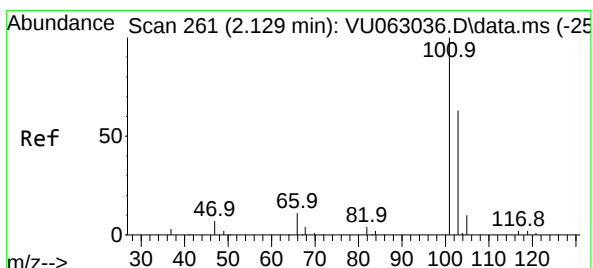
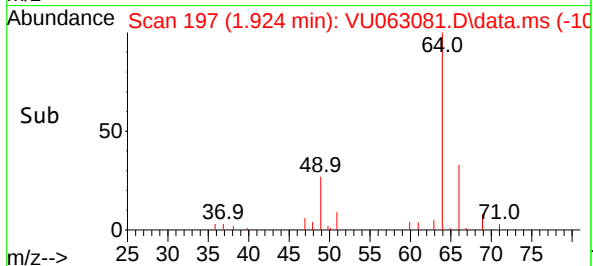
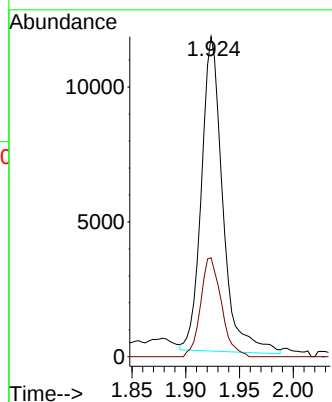
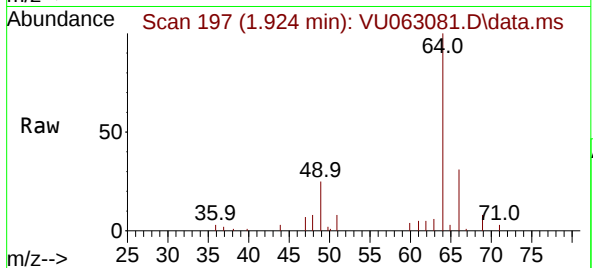
ClientSampleId :

Tgt Ion: 64 Resp: 16092

Ion Ratio Lower Upper

64 100

66 30.9 21.6 40.2



#9

Trichlorofluoromethane

Concen: 4.033 ug/L

RT: 2.129 min Scan# 261

Delta R.T. 0.000 min

Lab File: VU063081.D

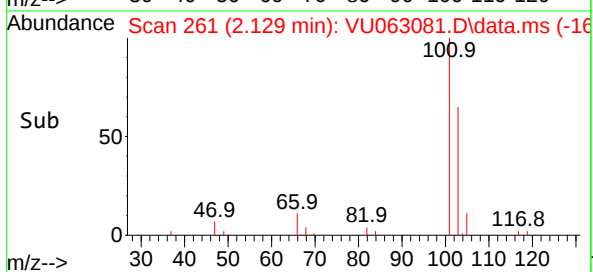
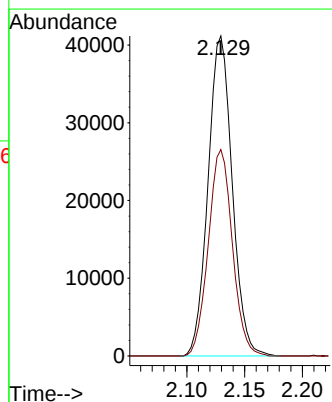
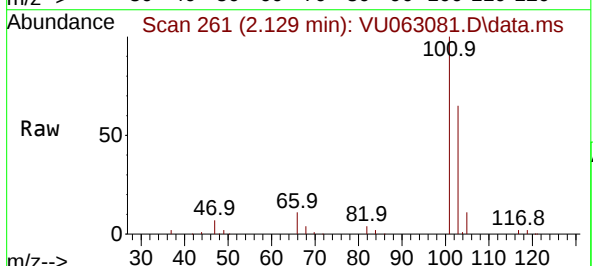
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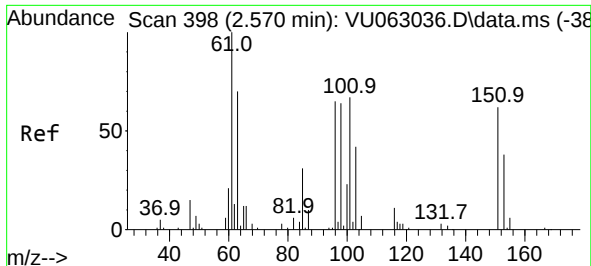
Tgt Ion:101 Resp: 59903

Ion Ratio Lower Upper

101 100

103 64.3 51.4 77.0

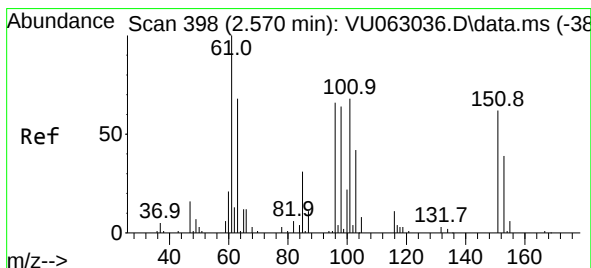
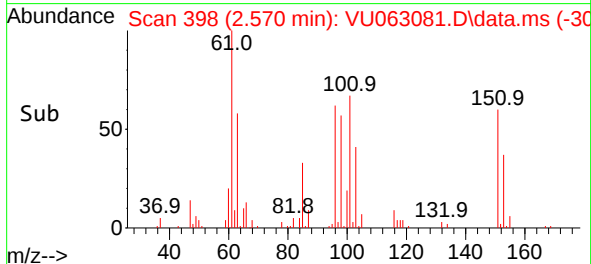
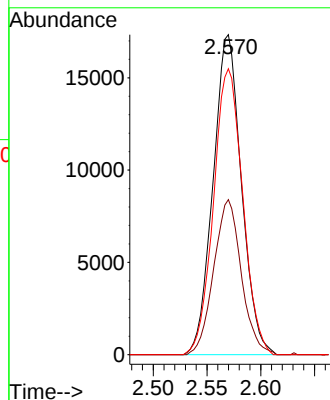
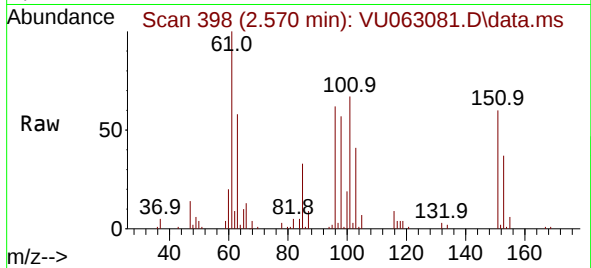




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.349 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU063081.D
 Acq: 28 Jan 2025 21:02

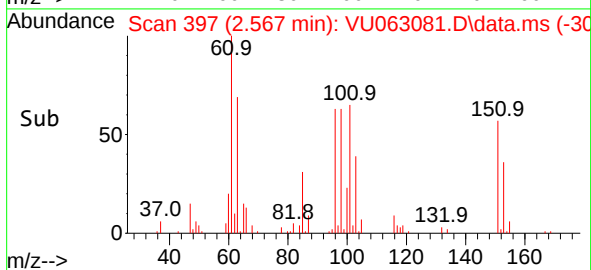
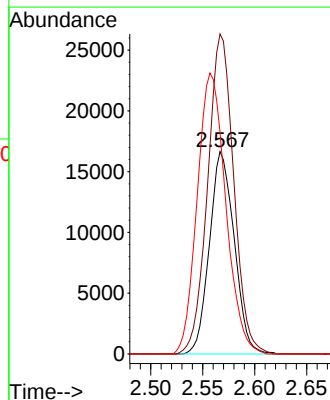
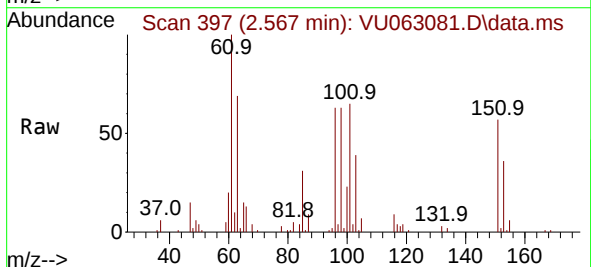
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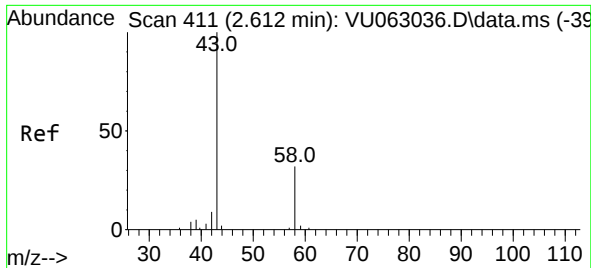
Tgt Ion:101 Resp: 31785
 Ion Ratio Lower Upper
 101 100
 85 47.2 37.0 55.6
 151 91.9 64.4 96.6



#12
 1,1-Dichloroethene
 Concen: 4.352 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. -0.003 min
 Lab File: VU063081.D
 Acq: 28 Jan 2025 21:02

Tgt Ion: 96 Resp: 27609
 Ion Ratio Lower Upper
 96 100
 61 158.1 120.4 223.6
 63 109.4 82.3 152.9





#13

Acetone

Concen: 48.842 ug/L

RT: 2.612 min Scan# 411

Delta R.T. 0.000 min

Lab File: VU063081.D

Acq: 28 Jan 2025 21:02

Instrument :

MSVOA_U

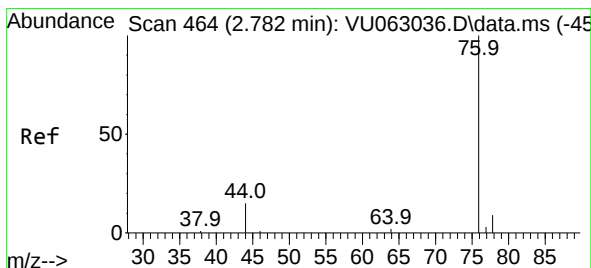
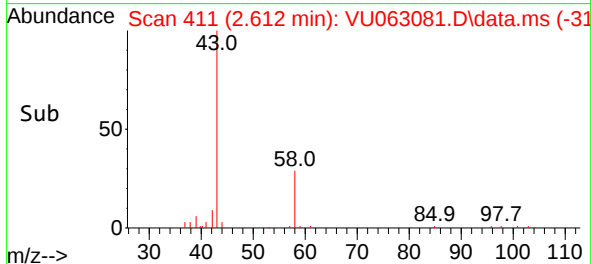
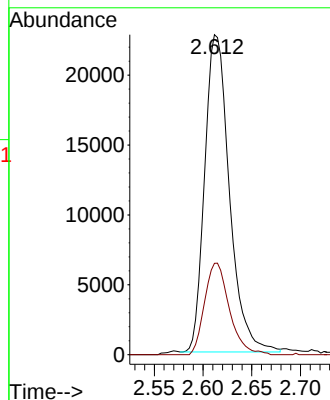
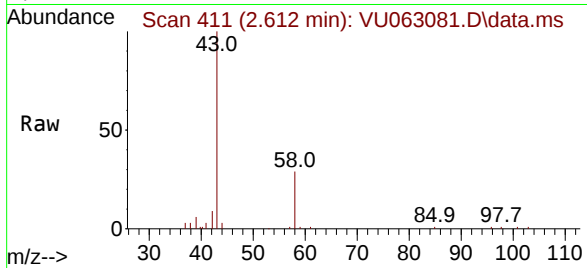
ClientSampleId :

Tgt Ion: 43 Resp: 40241

Ion Ratio Lower Upper

43 100

58 28.7 0.0 64.4



#14

Carbon disulfide

Concen: 4.332 ug/L

RT: 2.782 min Scan# 464

Delta R.T. 0.000 min

Lab File: VU063081.D

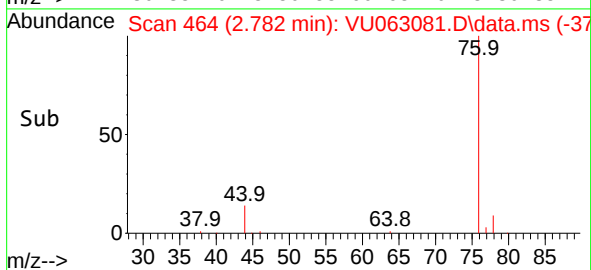
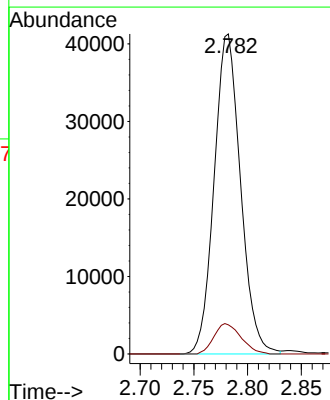
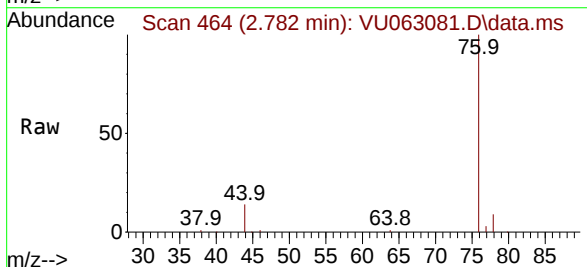
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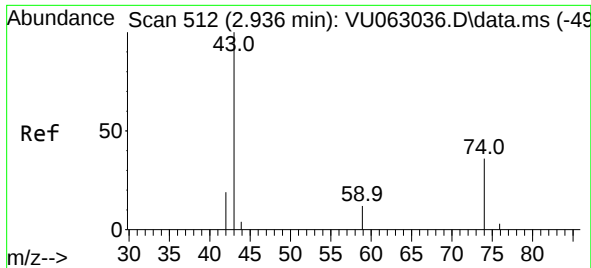
Tgt Ion: 76 Resp: 70410

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6

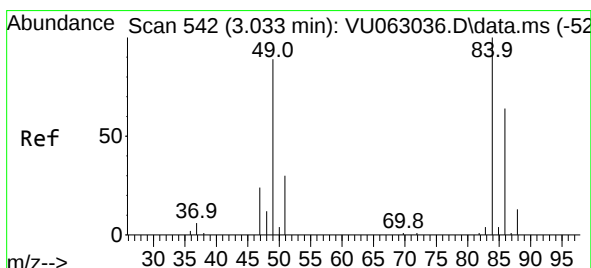
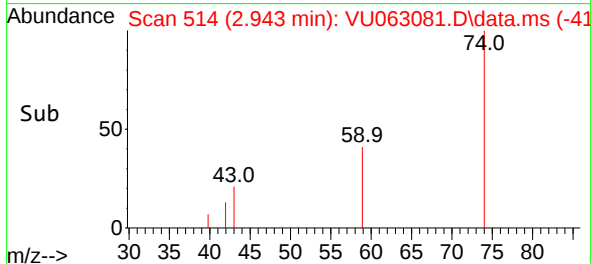
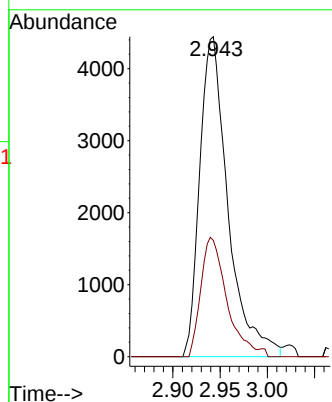
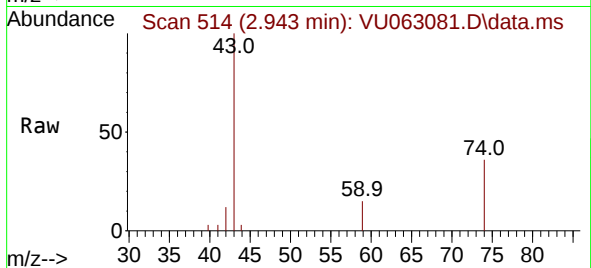




#15
Methyl Acetate
Concen: 5.837 ug/L
RT: 2.943 min Scan# 512
Delta R.T. 0.007 min
Lab File: VU063081.D
Acq: 28 Jan 2025 21:02

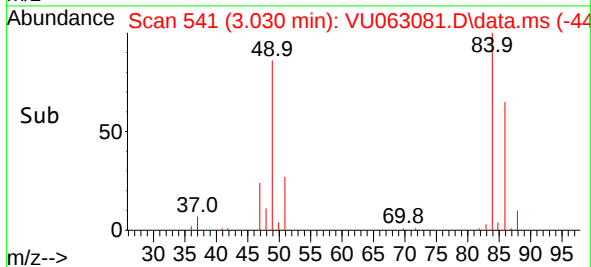
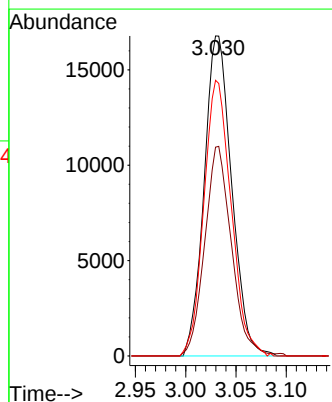
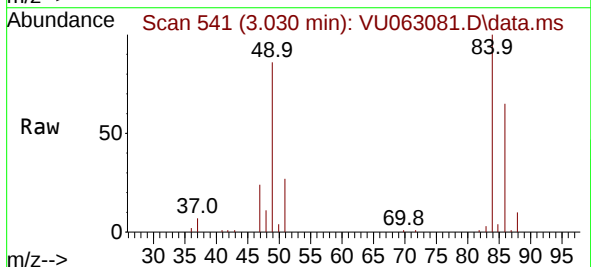
Instrument :
MSVOA_U
ClientSampleId :

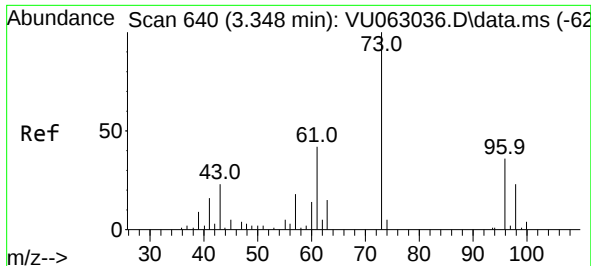
Tgt Ion: 43 Resp: 9236
Ion Ratio Lower Upper
43 100
74 34.5 24.4 36.6



#16
Methylene chloride
Concen: 4.775 ug/L
RT: 3.030 min Scan# 541
Delta R.T. -0.003 min
Lab File: VU063081.D
Acq: 28 Jan 2025 21:02

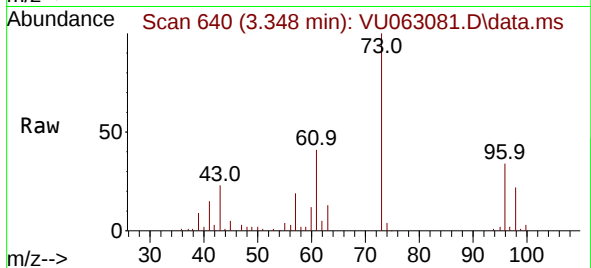
Tgt Ion: 84 Resp: 31934
Ion Ratio Lower Upper
84 100
86 65.3 44.7 83.1
49 86.2 68.3 126.9



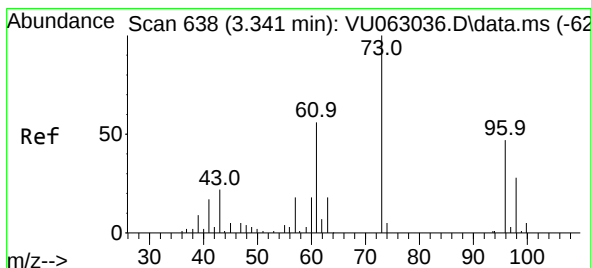
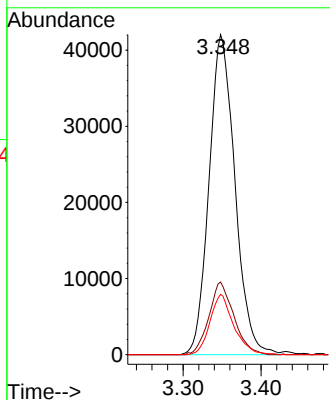
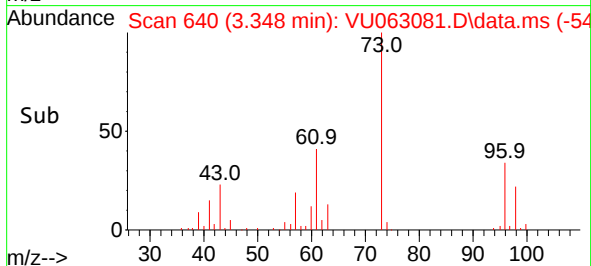


#17
Methyl tert-butyl Ether
Concen: 5.106 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU063081.D
Acq: 28 Jan 2025 21:02

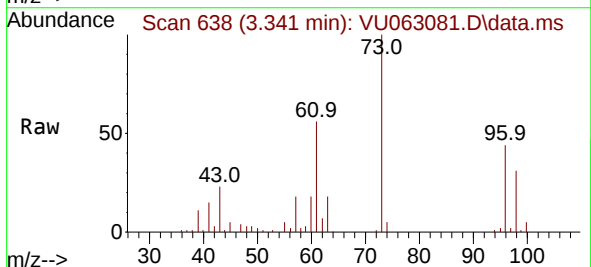
Instrument :
MSVOA_U
ClientSampleId :



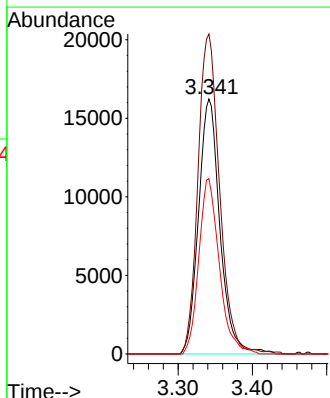
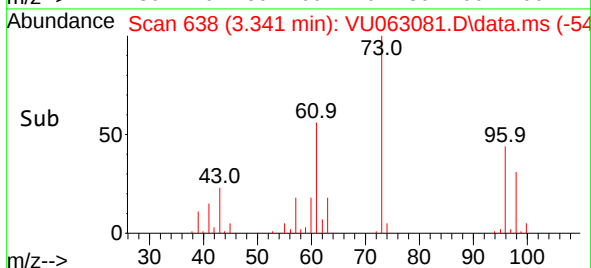
Tgt Ion: 73 Resp: 97021
Ion Ratio Lower Upper
73 100
43 21.9 16.2 24.4
57 17.3 14.6 22.0

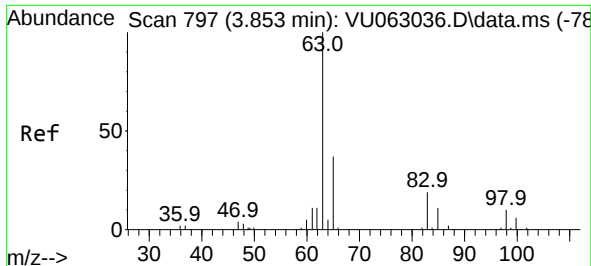


#18
trans-1,2-Dichloroethene
Concen: 4.797 ug/L
RT: 3.341 min Scan# 638
Delta R.T. 0.000 min
Lab File: VU063081.D
Acq: 28 Jan 2025 21:02



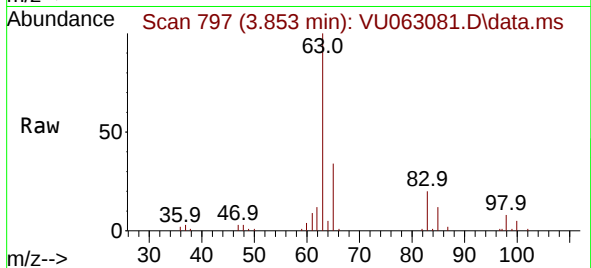
Tgt Ion: 96 Resp: 32566
Ion Ratio Lower Upper
96 100
61 125.5 94.4 175.2
98 68.8 42.8 79.4



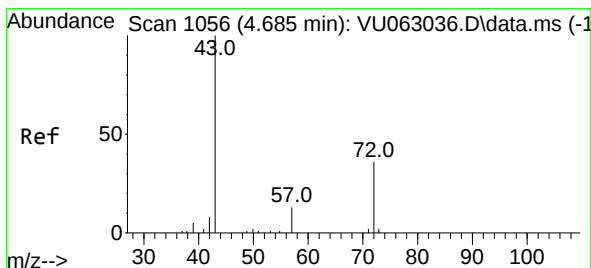
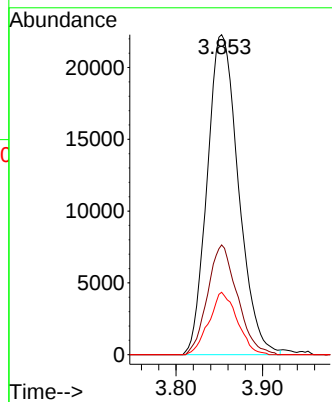
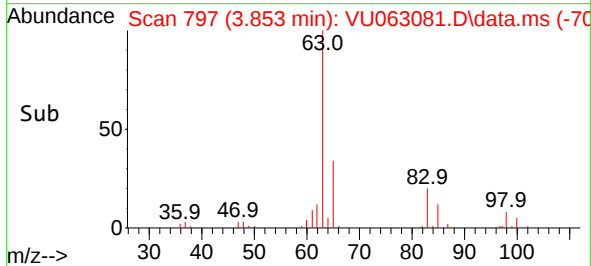


#19
1,1-Dichloroethane
Concen: 4.752 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU063081.D
Acq: 28 Jan 2025 21:02

Instrument :
MSVOA_U
ClientSampleId :

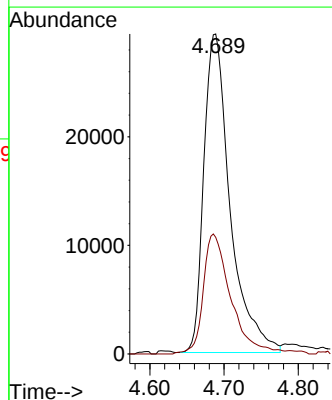
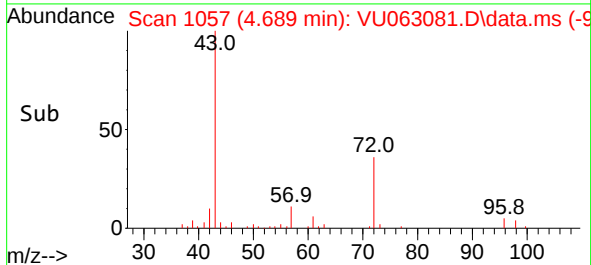
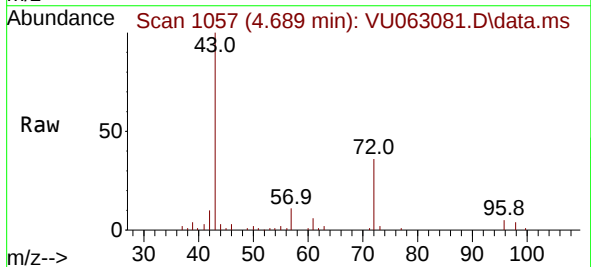


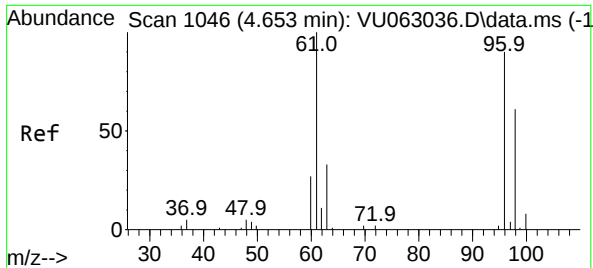
Tgt Ion: 63 Resp: 55920
Ion Ratio Lower Upper
63 100
65 34.3 20.7 38.5
83 19.5 10.5 19.5#



#21
2-Butanone
Concen: 64.323 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. 0.007 min
Lab File: VU063081.D
Acq: 28 Jan 2025 21:02

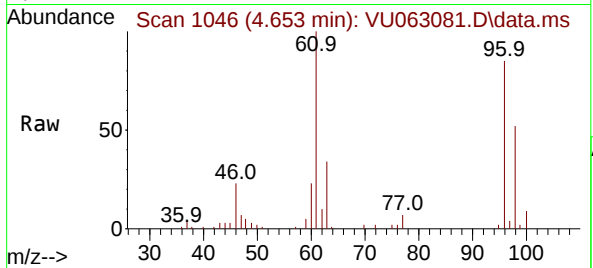
Tgt Ion: 43 Resp: 72280
Ion Ratio Lower Upper
43 100
72 39.2 17.1 51.2



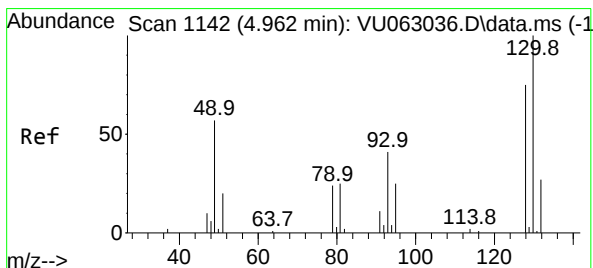
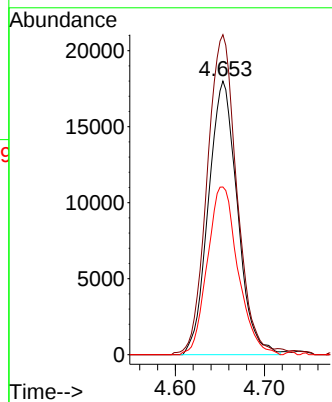
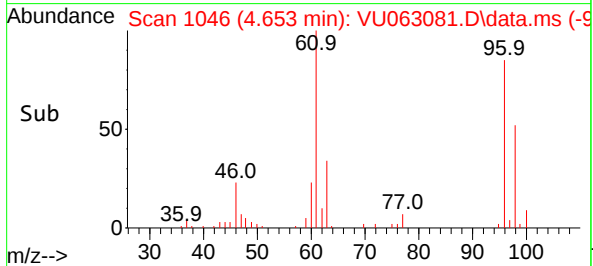


#22
 cis-1,2-Dichloroethene
 Concen: 5.023 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. 0.000 min
 Lab File: VU063081.D
 Acq: 28 Jan 2025 21:02

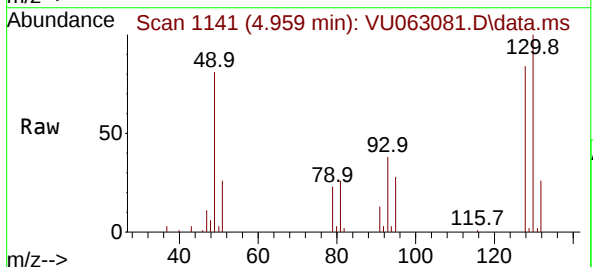
Instrument :
 MSVOA_U
 ClientSampleId :



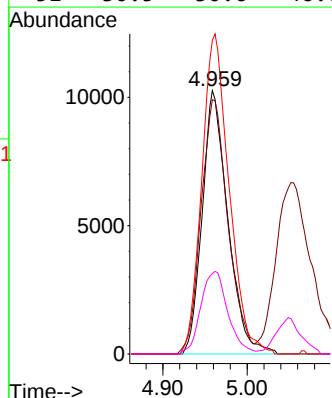
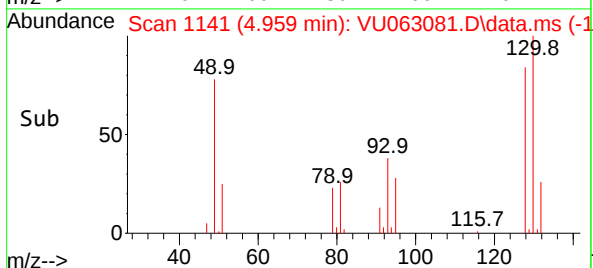
Tgt Ion: 96 Resp: 40753
 Ion Ratio Lower Upper
 96 100
 61 117.0 84.8 157.6
 98 61.3 43.1 80.1

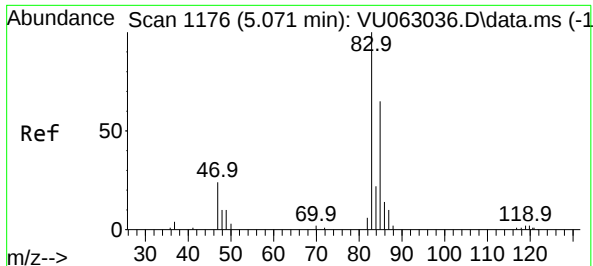


#23
 Bromochloromethane
 Concen: 5.329 ug/L
 RT: 4.959 min Scan# 1141
 Delta R.T. -0.003 min
 Lab File: VU063081.D
 Acq: 28 Jan 2025 21:02



Tgt Ion: 128 Resp: 21702
 Ion Ratio Lower Upper
 128 100
 49 96.6 81.1 150.7
 130 119.2 94.9 176.3
 51 30.5 30.6 46.0#





#25

Chloroform

Concen: 4.945 ug/L

RT: 5.071 min Scan# 1176

Delta R.T. -0.003 min

Lab File: VU063081.D

Acq: 28 Jan 2025 21:02

Instrument :

MSVOA_U

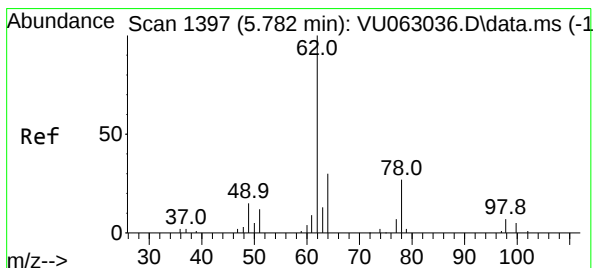
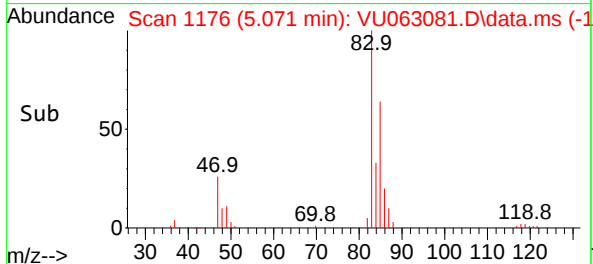
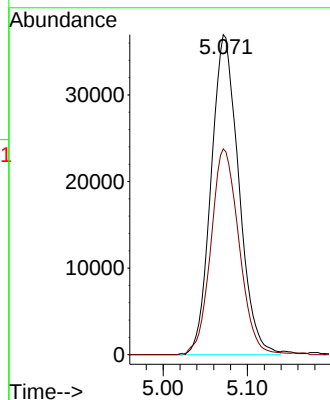
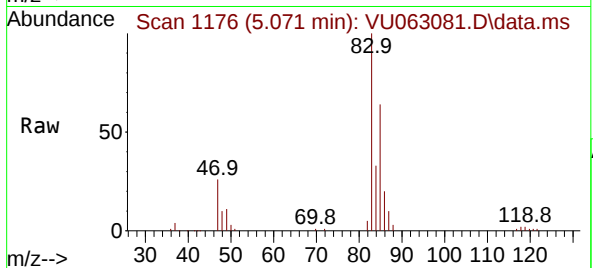
ClientSampleId :

Tgt Ion: 83 Resp: 84082

Ion Ratio Lower Upper

83 100

85 64.3 45.8 85.2



#27

1,2-Dichloroethane

Concen: 4.808 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VU063081.D

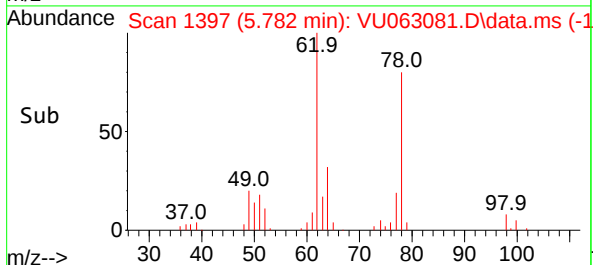
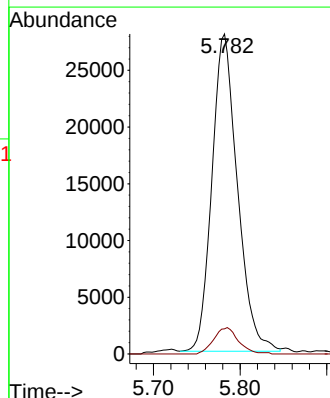
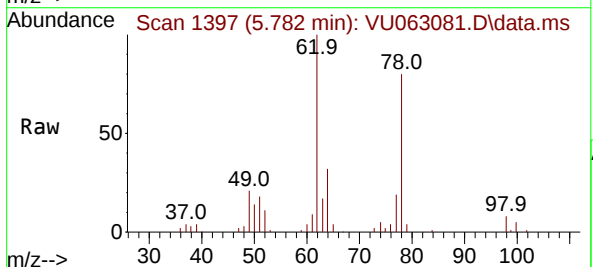
Acq: 28 Jan 2025 21:02

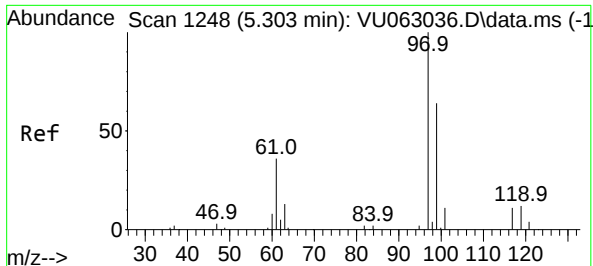
Tgt Ion: 62 Resp: 57298

Ion Ratio Lower Upper

62 100

98 7.9 5.8 8.6





#29

1,1,1-Trichloroethane

Concen: 4.890 ug/L

RT: 5.303 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU063081.D

Acq: 28 Jan 2025 21:02

Instrument :

MSVOA_U

ClientSampleId :

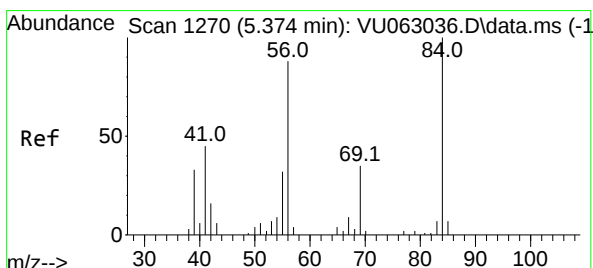
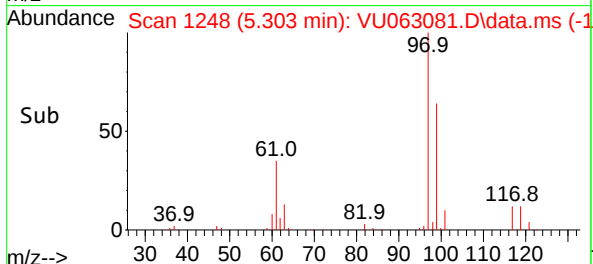
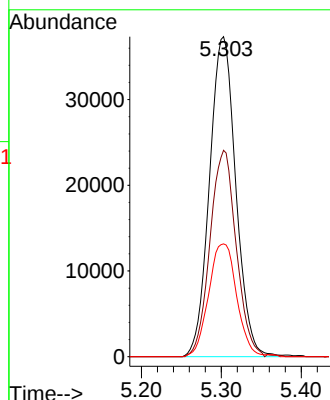
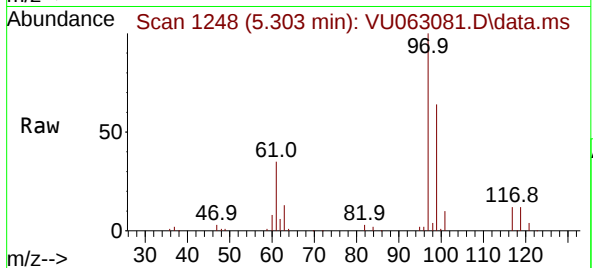
Tgt Ion: 97 Resp: 85477

Ion Ratio Lower Upper

97 100

99 64.1 52.4 78.6

61 37.4 32.2 48.4



#30

Cyclohexane

Concen: 5.693 ug/L

RT: 5.374 min Scan# 1270

Delta R.T. -0.003 min

Lab File: VU063081.D

Acq: 28 Jan 2025 21:02

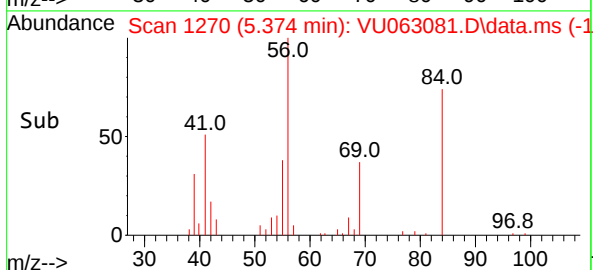
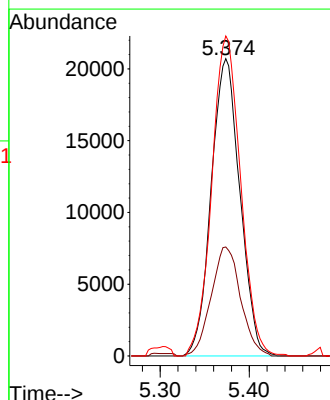
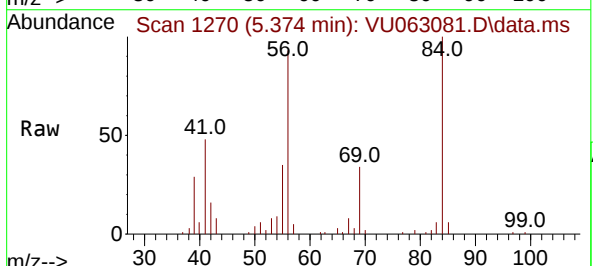
Tgt Ion: 56 Resp: 46353

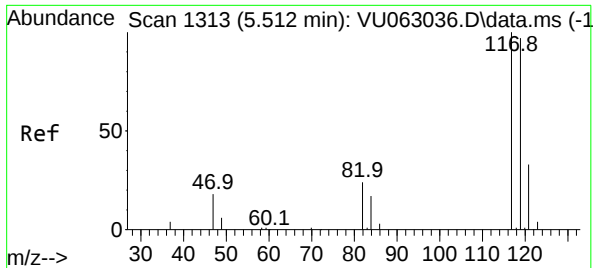
Ion Ratio Lower Upper

56 100

69 37.7 28.3 42.5

84 108.0 76.5 114.7

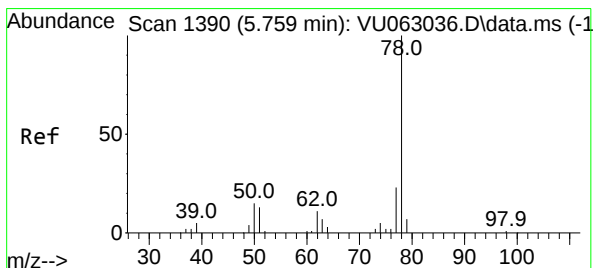
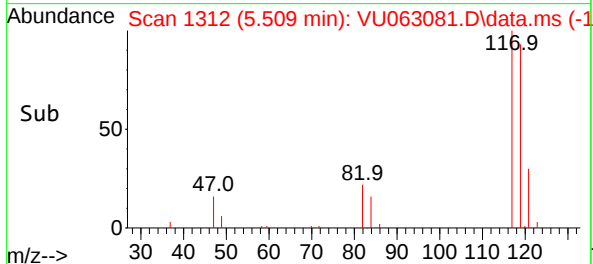
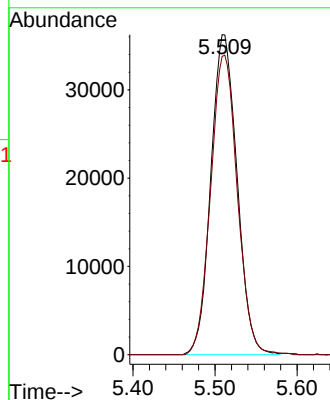
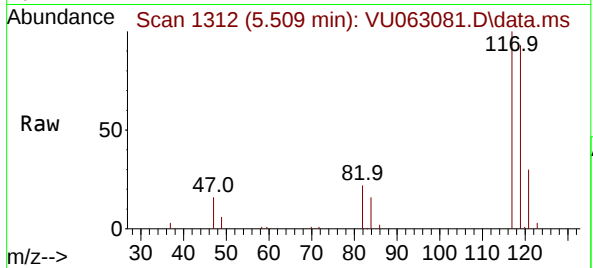




#31
Carbon tetrachloride
Concen: 4.772 ug/L
RT: 5.509 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU063081.D
Acq: 28 Jan 2025 21:02

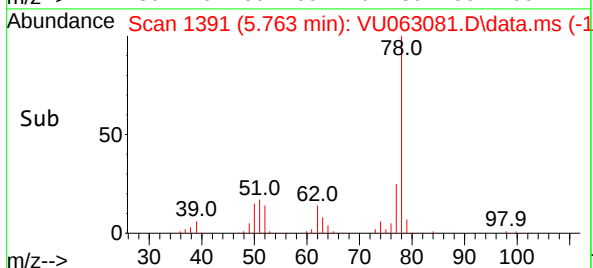
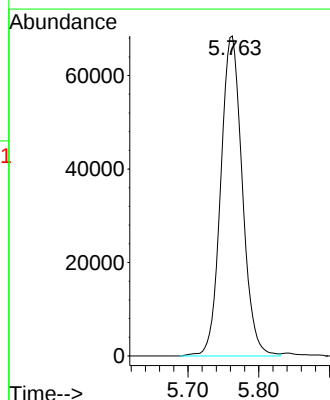
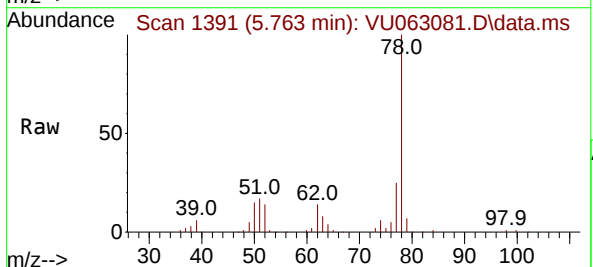
Instrument :
MSVOA_U
ClientSampleId :

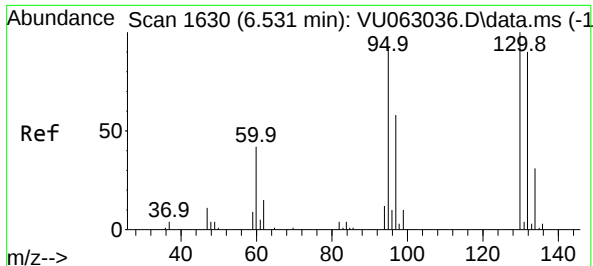
Tgt Ion:117 Resp: 80317
Ion Ratio Lower Upper
117 100
119 95.8 78.6 118.0



#33
Benzene
Concen: 5.302 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU063081.D
Acq: 28 Jan 2025 21:02

Tgt Ion: 78 Resp: 144808

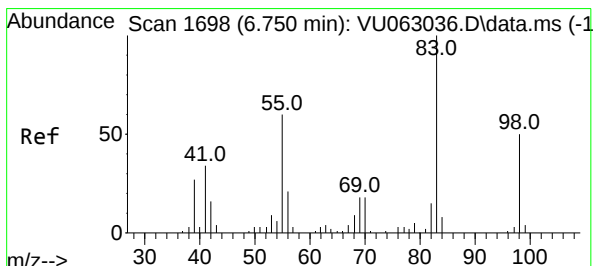
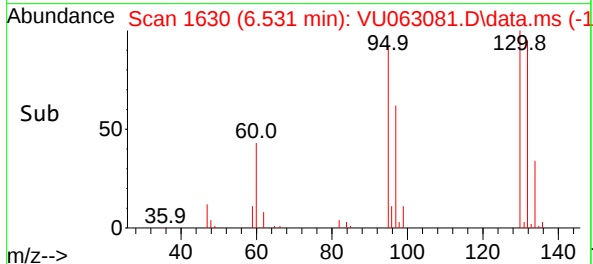
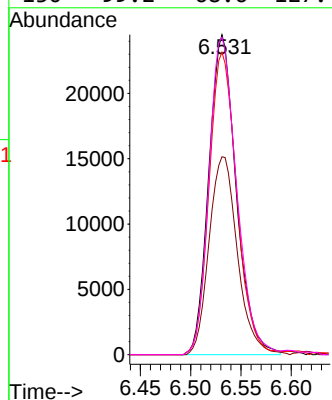
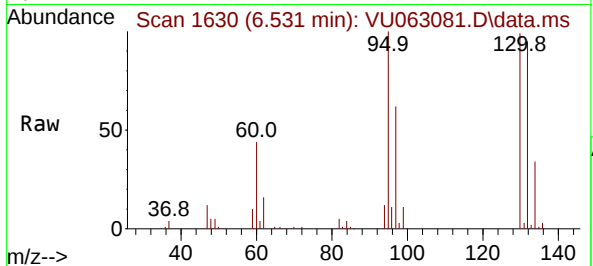




#34
Trichloroethene
Concen: 5.003 ug/L
RT: 6.531 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU063081.D
Acq: 28 Jan 2025 21:02

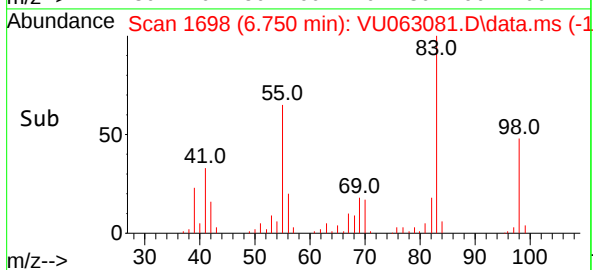
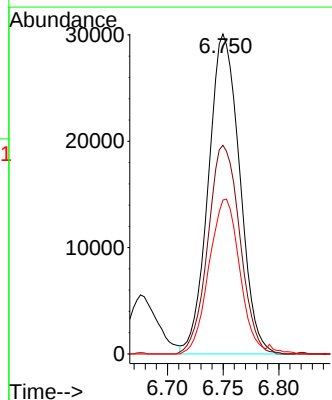
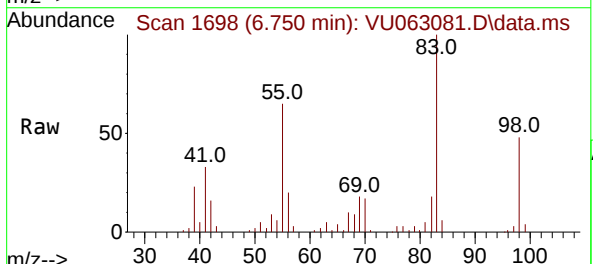
Instrument :
MSVOA_U
ClientSampleId :

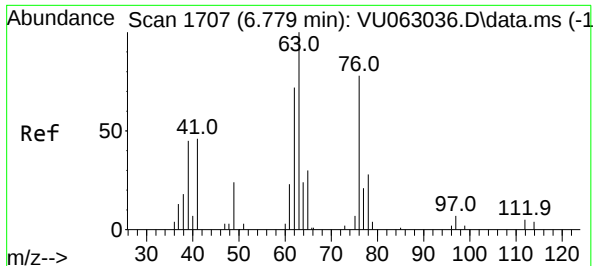
Tgt Ion: 95 Resp: 46433
Ion Ratio Lower Upper
95 100
97 61.9 47.5 88.3
132 94.5 66.9 124.3
130 99.2 68.6 127.4



#35
Methylcyclohexane
Concen: 5.027 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. -0.003 min
Lab File: VU063081.D
Acq: 28 Jan 2025 21:02

Tgt Ion: 83 Resp: 58781
Ion Ratio Lower Upper
83 100
55 66.7 57.2 85.8
98 47.4 36.6 55.0

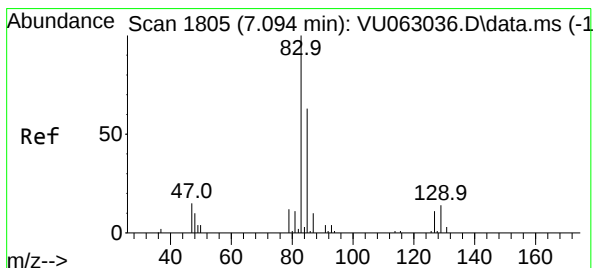
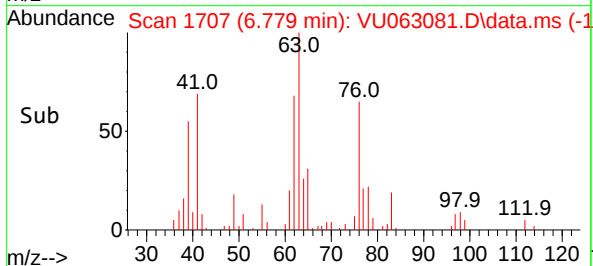
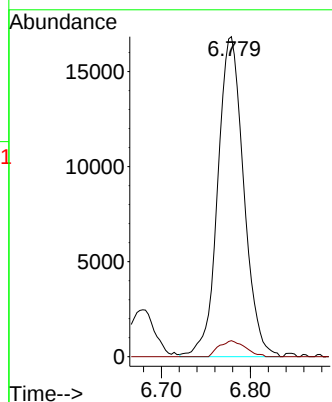
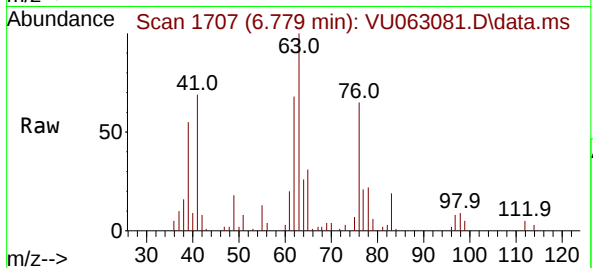




#37
1,2-Dichloropropane
Concen: 5.557 ug/L
RT: 6.779 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU063081.D
Acq: 28 Jan 2025 21:02

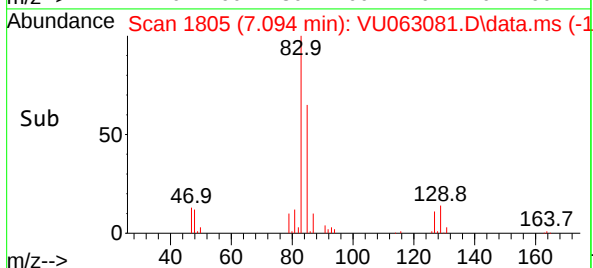
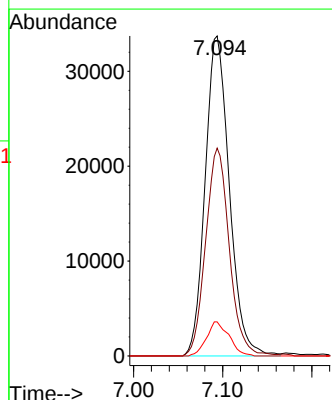
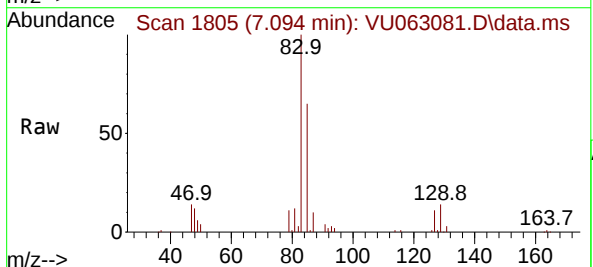
Instrument :
MSVOA_U
ClientSampleId :

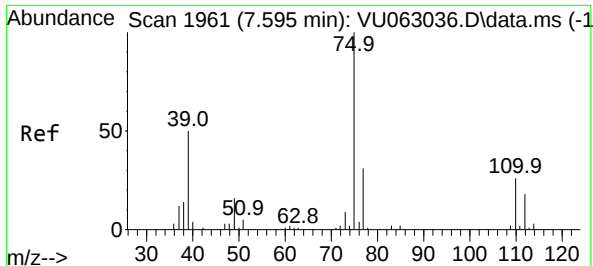
Tgt Ion: 63 Resp: 34139
Ion Ratio Lower Upper
63 100
112 5.0 3.8 5.8



#38
Bromodichloromethane
Concen: 5.163 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VU063081.D
Acq: 28 Jan 2025 21:02

Tgt Ion: 83 Resp: 63552
Ion Ratio Lower Upper
83 100
85 65.0 44.2 82.0
127 10.7 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 5.541 ug/L

RT: 7.595 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VU063081.D

Acq: 28 Jan 2025 21:02

Instrument :

MSVOA_U

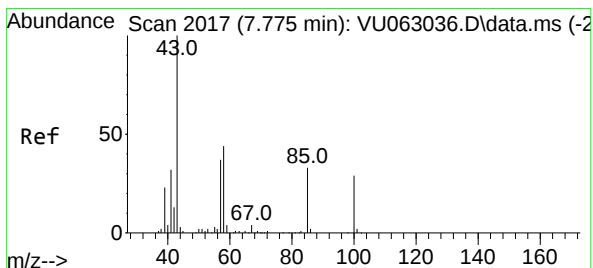
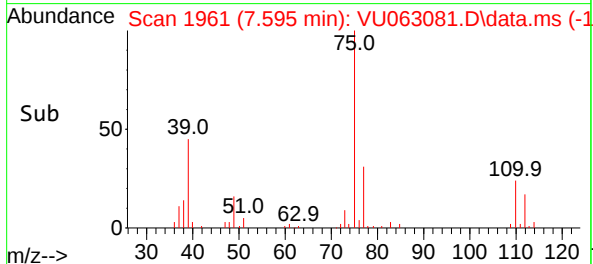
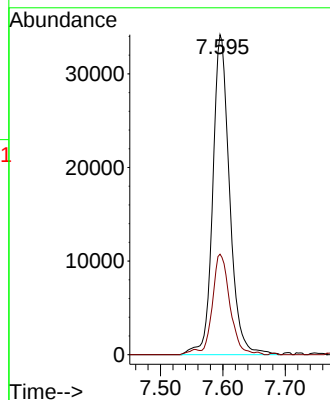
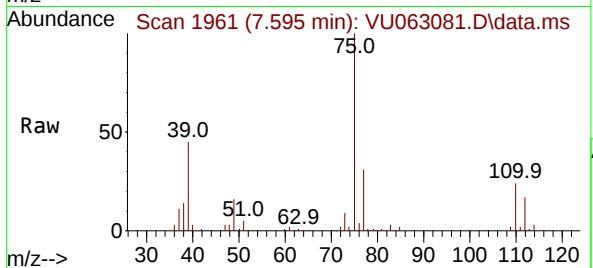
ClientSampleId :

Tgt Ion: 75 Resp: 64085

Ion Ratio Lower Upper

75 100

77 31.4 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 57.701 ug/L

RT: 7.775 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VU063081.D

Acq: 28 Jan 2025 21:02

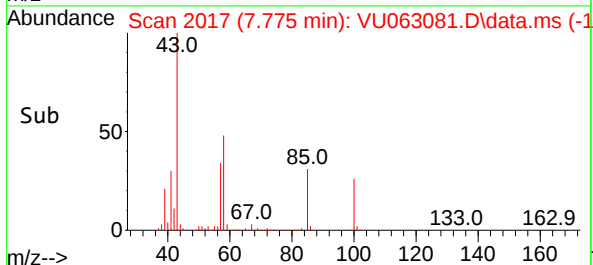
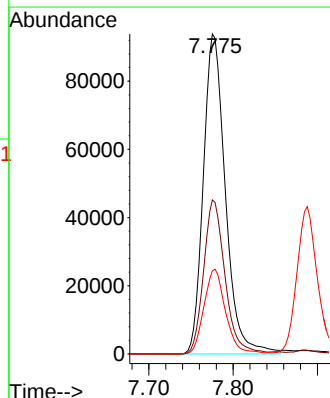
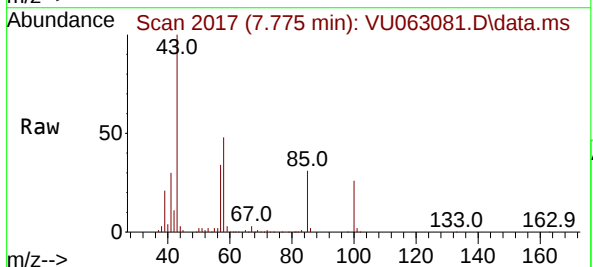
Tgt Ion: 43 Resp: 170993

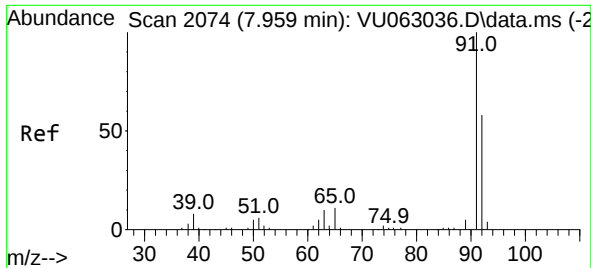
Ion Ratio Lower Upper

43 100

58 46.6 35.8 53.8

100 26.0 16.8 25.2#





#42

Toluene

Concen: 5.058 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU063081.D

Acq: 28 Jan 2025 21:02

Instrument :

MSVOA_U

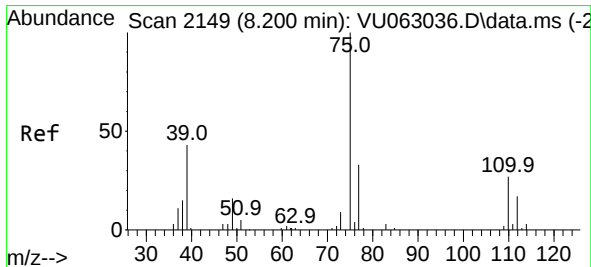
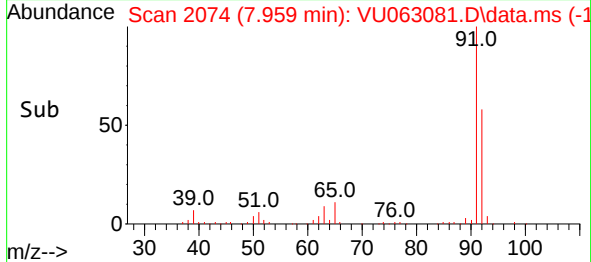
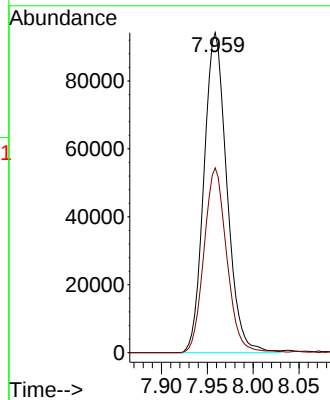
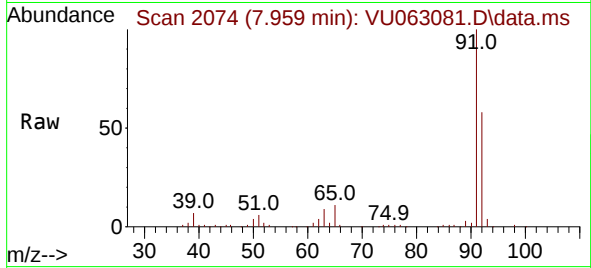
ClientSampleId :

Tgt Ion: 91 Resp: 164198

Ion Ratio Lower Upper

91 100

92 57.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 5.578 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. 0.000 min

Lab File: VU063081.D

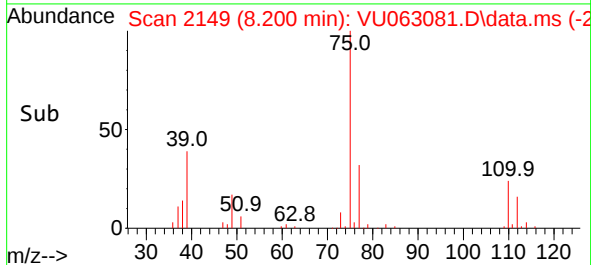
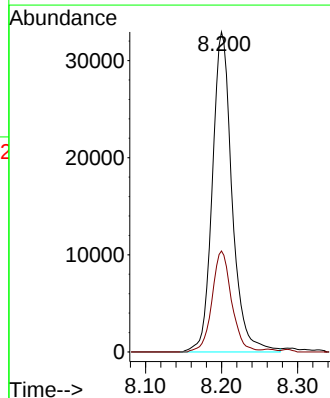
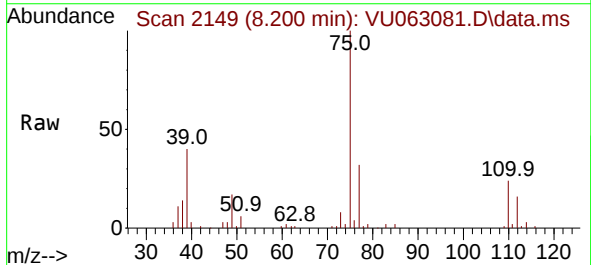
Acq: 28 Jan 2025 21:02

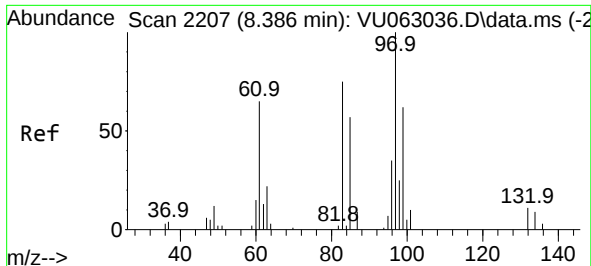
Tgt Ion: 75 Resp: 59424

Ion Ratio Lower Upper

75 100

77 31.6 21.8 40.6

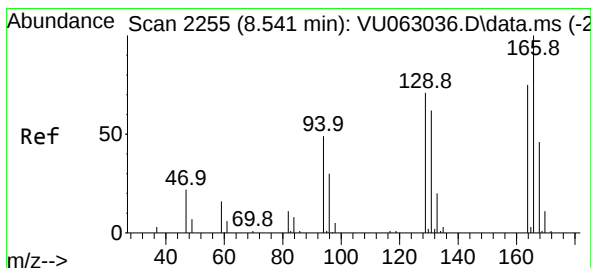
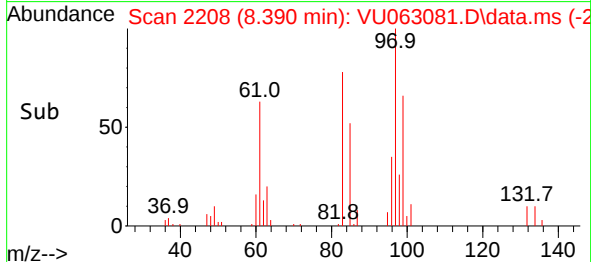
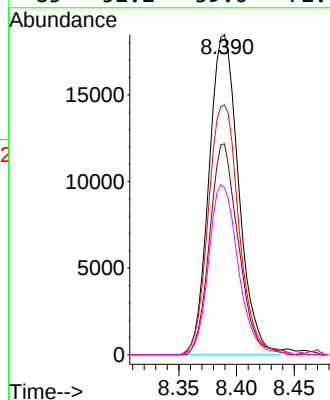
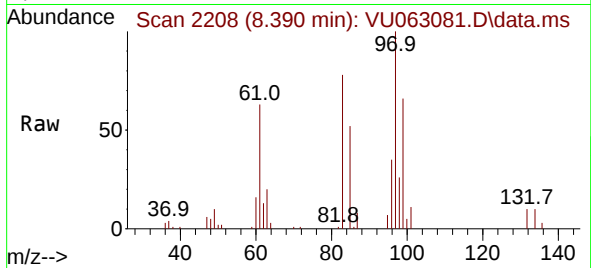




#45
1,1,2-Trichloroethane
Concen: 5.699 ug/L
RT: 8.390 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063081.D
Acq: 28 Jan 2025 21:02

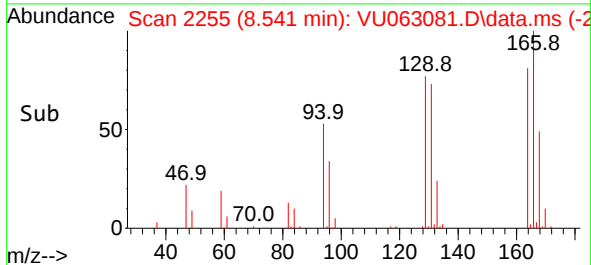
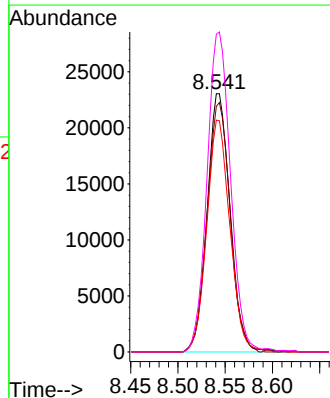
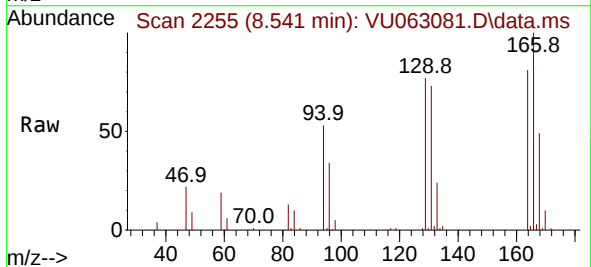
Instrument :
MSVOA_U
ClientSampleId :

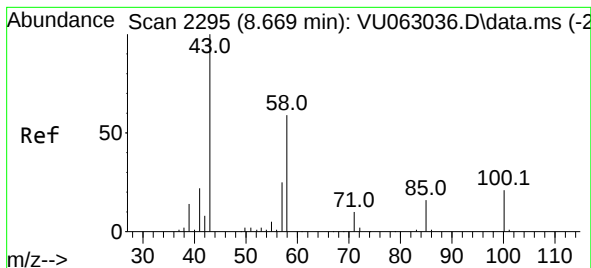
Tgt Ion: 97 Resp: 32949
Ion Ratio Lower Upper
97 100
99 65.9 45.6 84.6
83 78.0 63.0 117.0
85 52.2 39.0 72.4



#47
Tetrachloroethene
Concen: 4.843 ug/L
RT: 8.541 min Scan# 2255
Delta R.T. -0.003 min
Lab File: VU063081.D
Acq: 28 Jan 2025 21:02

Tgt Ion:164 Resp: 39091
Ion Ratio Lower Upper
164 100
129 95.1 71.0 131.9
131 89.8 69.4 129.0
166 123.0 92.7 172.3





#48

2-Hexanone

Concen: 67.362 ug/L

RT: 8.669 min Scan# 21

Delta R.T. -0.003 min

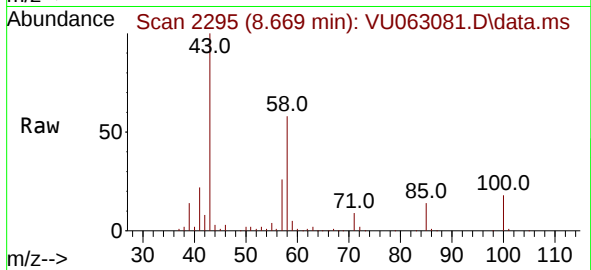
Lab File: VU063081.D

Acq: 28 Jan 2025 21:02

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 138461

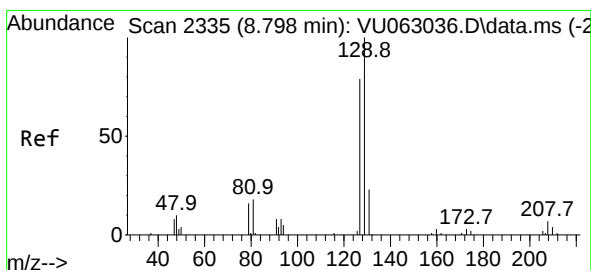
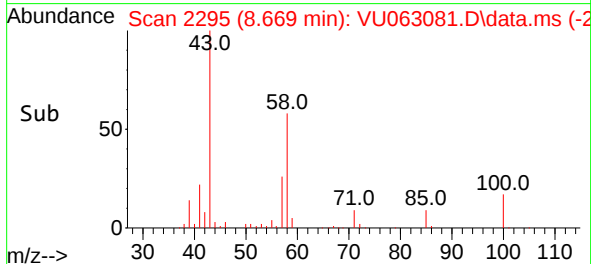
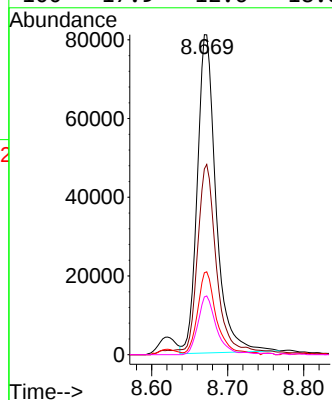
Ion Ratio Lower Upper

43 100

58 63.6 50.2 75.4

57 26.1 19.9 29.9

100 17.9 12.6 18.8



#49

Dibromochloromethane

Concen: 5.205 ug/L

RT: 8.798 min Scan# 2335

Delta R.T. -0.000 min

Lab File: VU063081.D

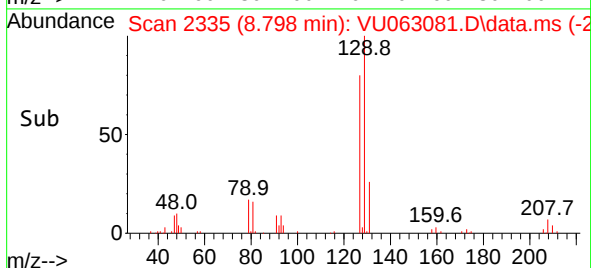
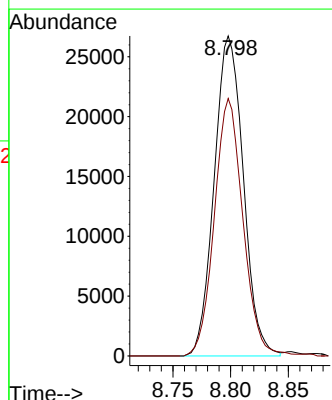
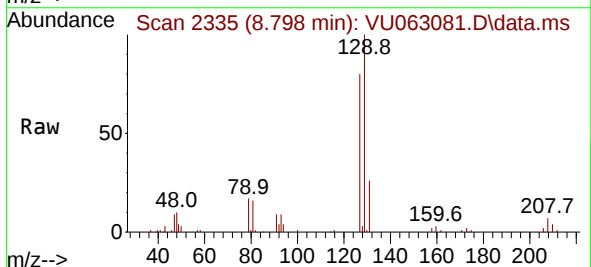
Acq: 28 Jan 2025 21:02

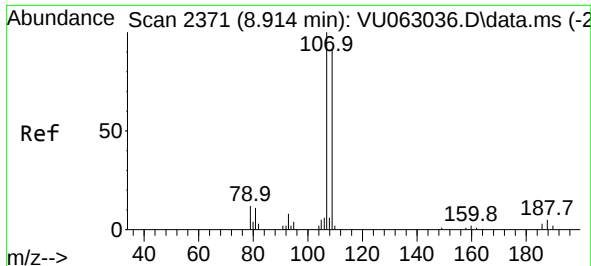
Tgt Ion:129 Resp: 46961

Ion Ratio Lower Upper

129 100

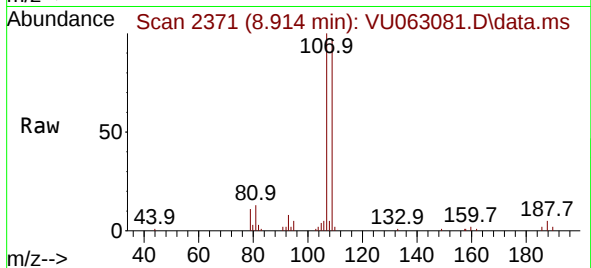
127 80.4 52.1 96.9



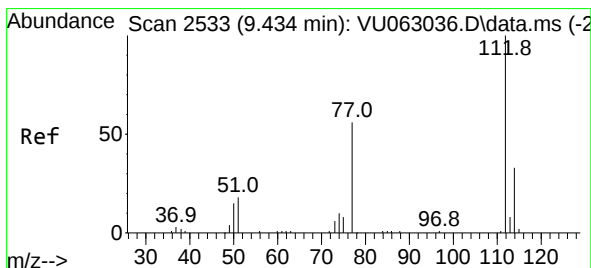
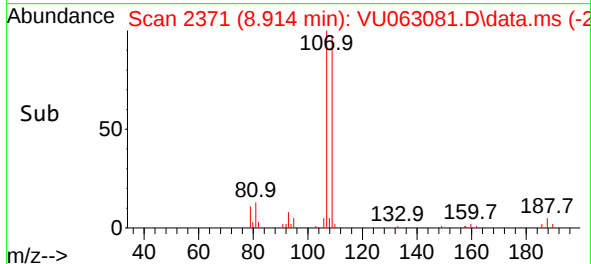
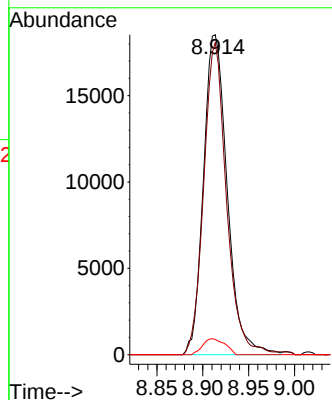


#50
1,2-Dibromoethane
Concen: 5.714 ug/L
RT: 8.914 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063081.D
Acq: 28 Jan 2025 21:02

Instrument :
MSVOA_U
ClientSampleId :

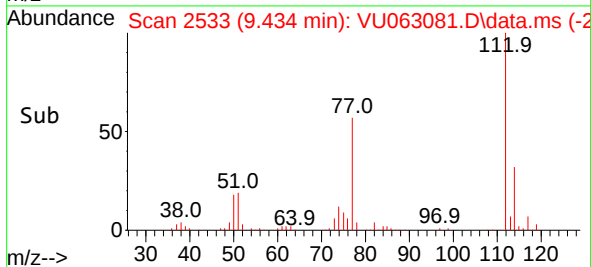
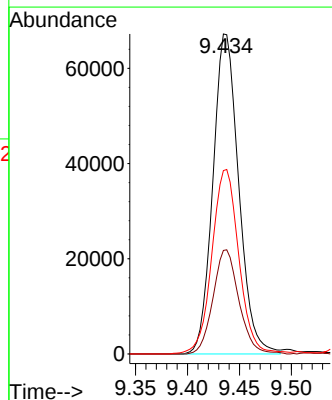
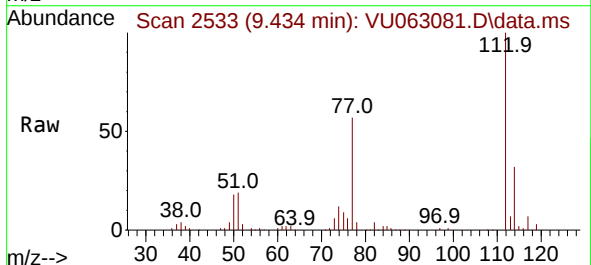


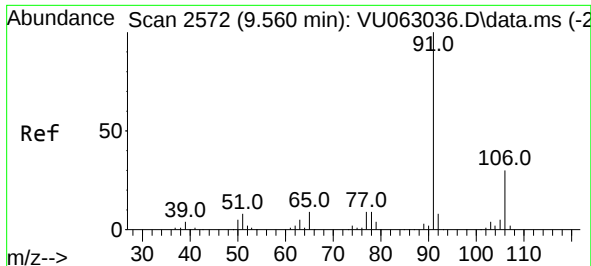
Tgt Ion:107 Resp: 33373
Ion Ratio Lower Upper
107 100
109 97.5 65.7 121.9
188 4.7 3.4 5.2



#51
Chlorobenzene
Concen: 5.173 ug/L
RT: 9.434 min Scan# 2533
Delta R.T. -0.004 min
Lab File: VU063081.D
Acq: 28 Jan 2025 21:02

Tgt Ion:112 Resp: 116460
Ion Ratio Lower Upper
112 100
114 32.4 21.7 40.3
77 57.3 48.6 73.0

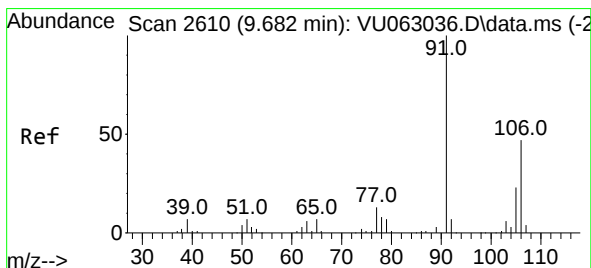
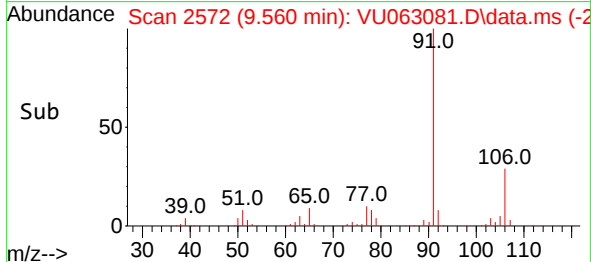
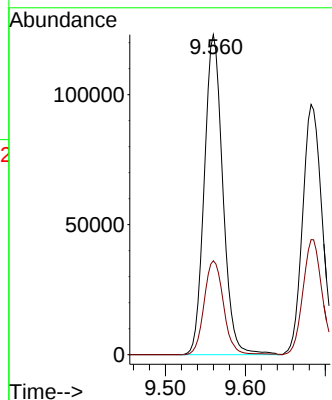
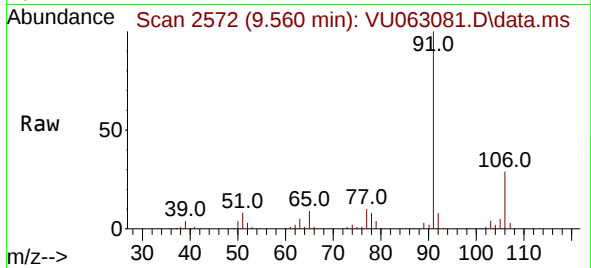




#52
Ethylbenzene
Concen: 5.246 ug/L
RT: 9.560 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063081.D
Acq: 28 Jan 2025 21:02

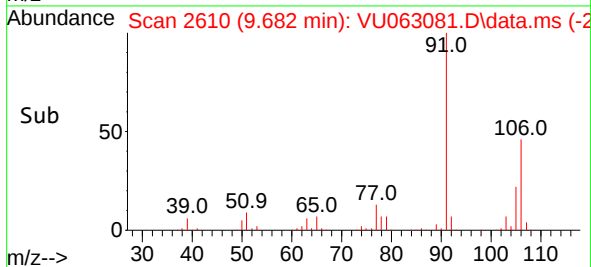
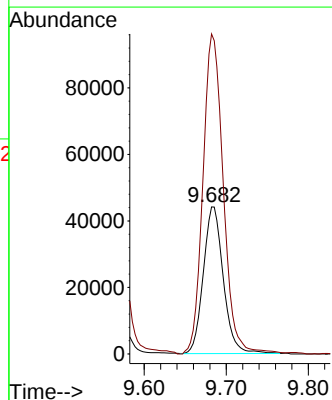
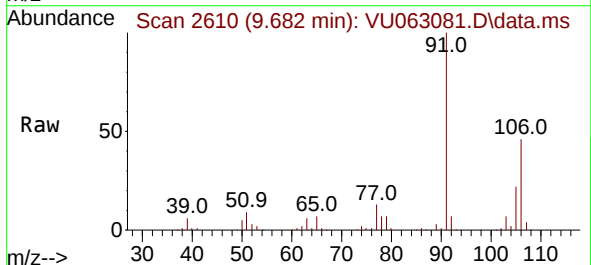
Instrument :
MSVOA_U
ClientSampleId :

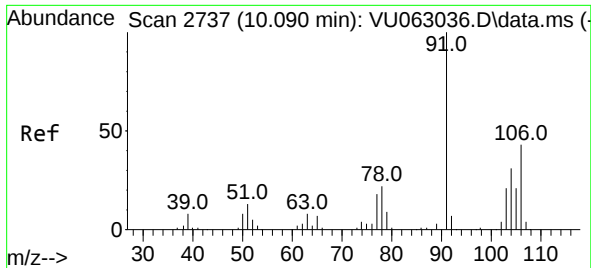
Tgt Ion: 91 Resp: 198489
Ion Ratio Lower Upper
91 100
106 29.4 21.9 40.7



#53
m,p-Xylene
Concen: 5.126 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. -0.003 min
Lab File: VU063081.D
Acq: 28 Jan 2025 21:02

Tgt Ion:106 Resp: 74903
Ion Ratio Lower Upper
106 100
91 217.6 153.1 284.3

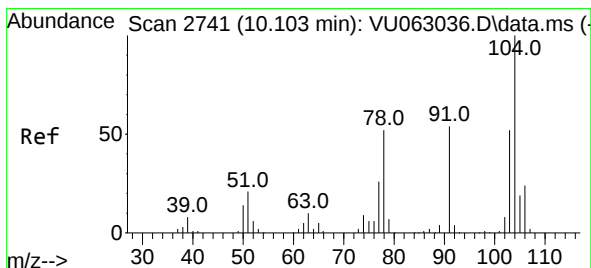
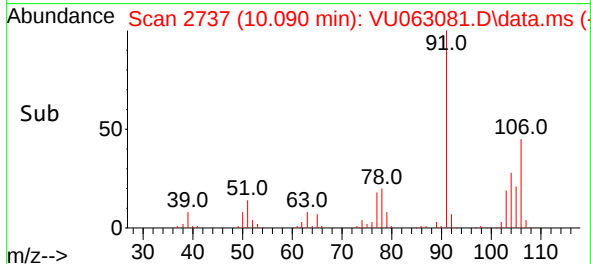
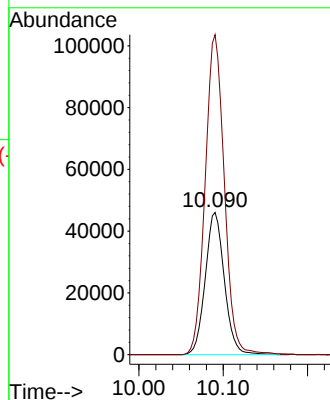
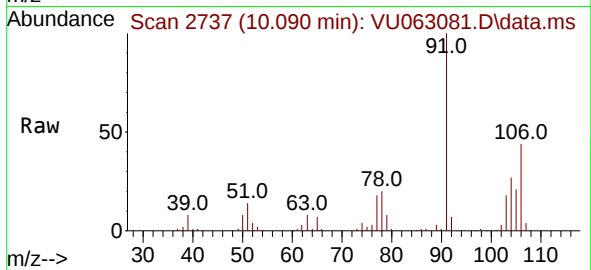




#54
o-Xylene
Concen: 5.439 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU063081.D
Acq: 28 Jan 2025 21:02

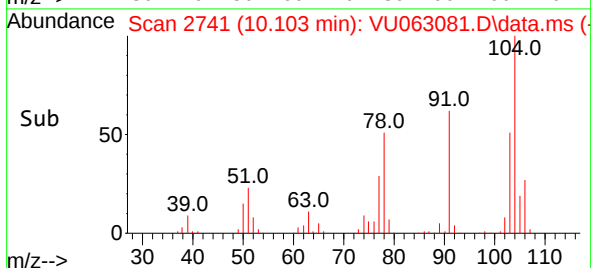
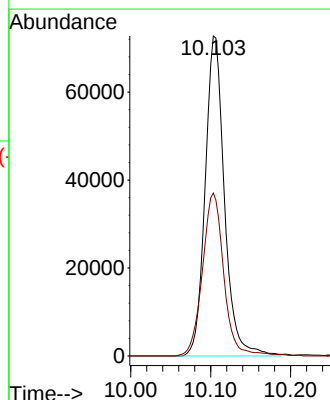
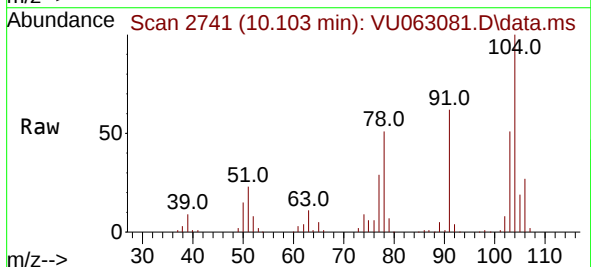
Instrument :
MSVOA_U
ClientSampleId :

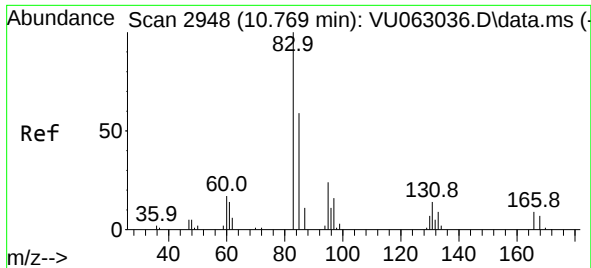
Tgt Ion:106 Resp: 72809
Ion Ratio Lower Upper
106 100
91 224.8 160.4 297.8



#55
Styrene
Concen: 5.402 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. -0.003 min
Lab File: VU063081.D
Acq: 28 Jan 2025 21:02

Tgt Ion:104 Resp: 122243
Ion Ratio Lower Upper
104 100
78 50.9 35.5 65.9

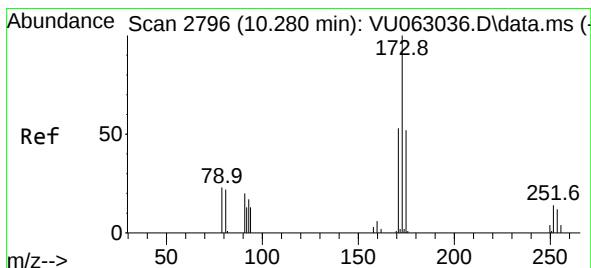
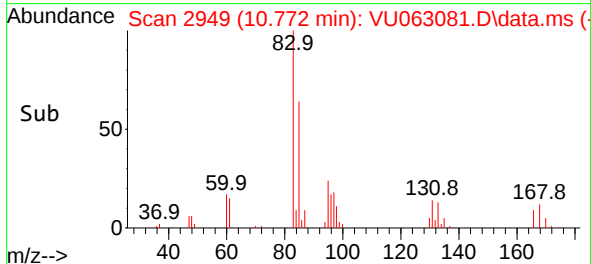
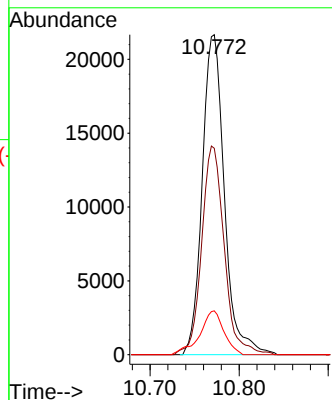
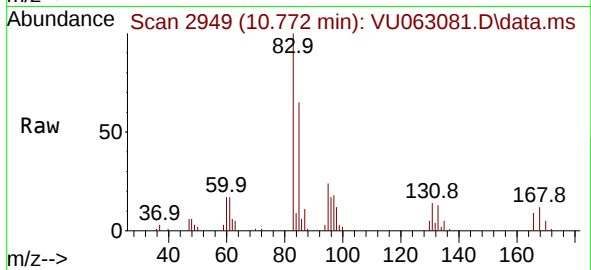




#57
1,1,2,2-Tetrachloroethane
Concen: 5.779 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU063081.D
Acq: 28 Jan 2025 21:02

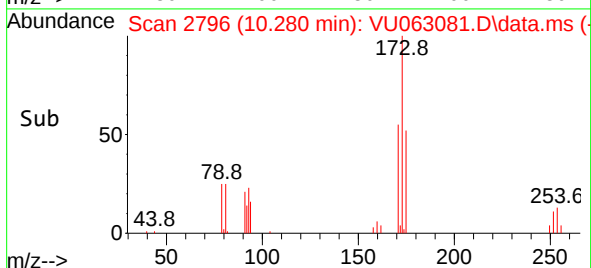
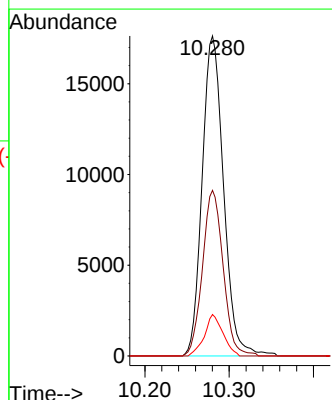
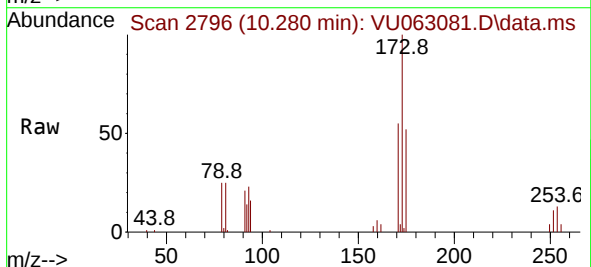
Instrument :
MSVOA_U
ClientSampleId :

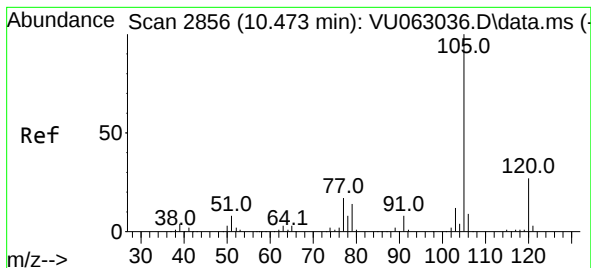
Tgt Ion: 83 Resp: 37377
Ion Ratio Lower Upper
83 100
85 64.5 43.0 79.8
131 13.7 7.4 11.0#



#59
Bromoform
Concen: 5.007 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. 0.000 min
Lab File: VU063081.D
Acq: 28 Jan 2025 21:02

Tgt Ion:173 Resp: 31214
Ion Ratio Lower Upper
173 100
175 49.9 39.8 59.8
254 11.2 8.6 12.8





#60

Isopropylbenzene

Concen: 5.187 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. 0.000 min

Lab File: VU063081.D

Acq: 28 Jan 2025 21:02

Instrument :

MSVOA_U

ClientSampleId :

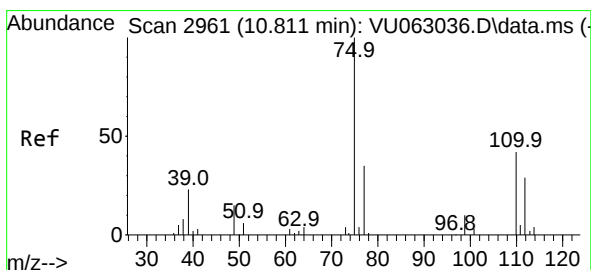
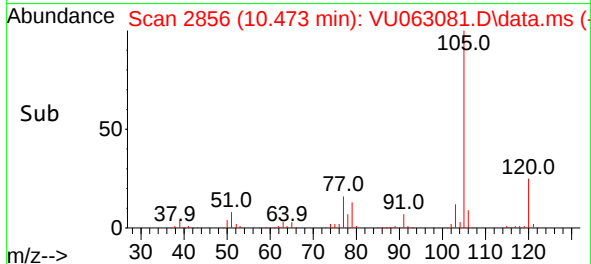
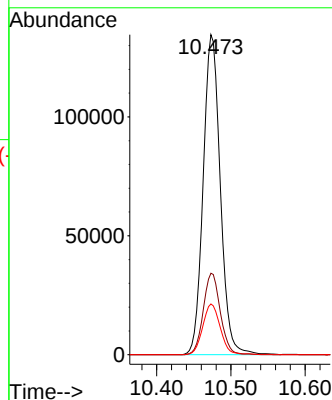
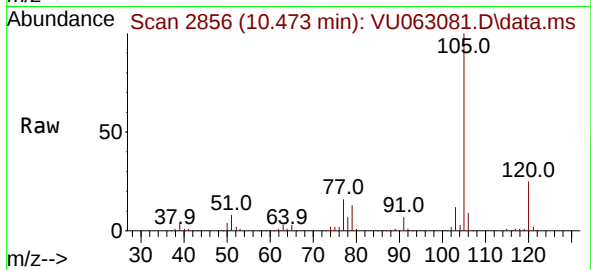
Tgt Ion:105 Resp: 215633

Ion Ratio Lower Upper

105 100

120 25.3 20.2 30.2

77 16.1 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 5.511 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. 0.000 min

Lab File: VU063081.D

Acq: 28 Jan 2025 21:02

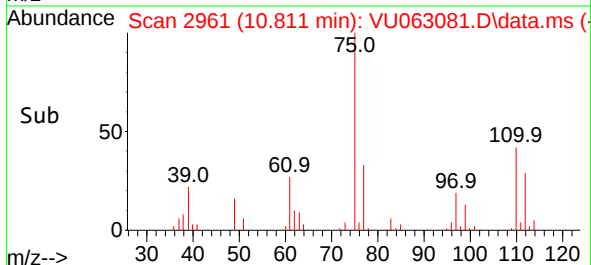
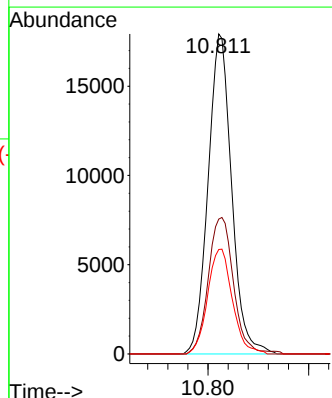
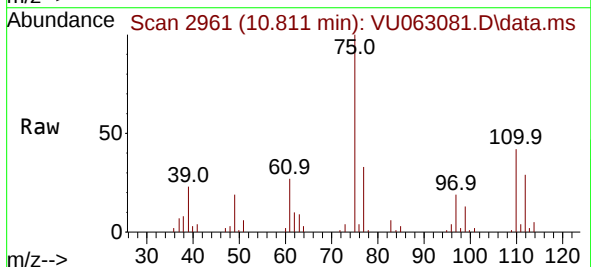
Tgt Ion: 75 Resp: 29094

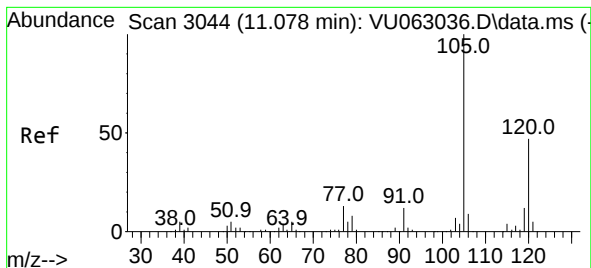
Ion Ratio Lower Upper

75 100

110 45.9 33.2 49.8

77 34.5 25.9 38.9





#62

1,3,5-Trimethylbenzene

Concen: 4.677 ug/L

RT: 11.078 min Scan# 3044

Delta R.T. 0.000 min

Lab File: VU063081.D

Acq: 28 Jan 2025 21:02

Instrument :

MSVOA_U

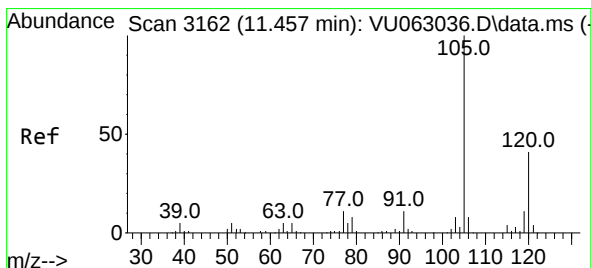
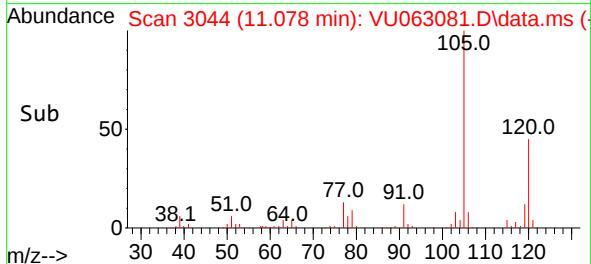
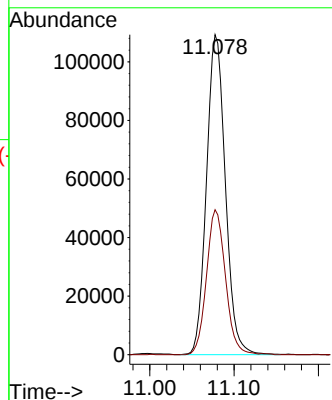
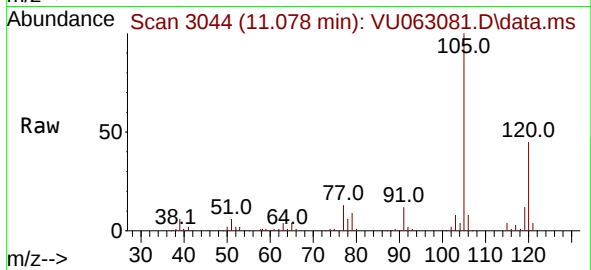
ClientSampleId :

Tgt Ion:105 Resp: 170461

Ion Ratio Lower Upper

105 100

120 45.5 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 5.287 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VU063081.D

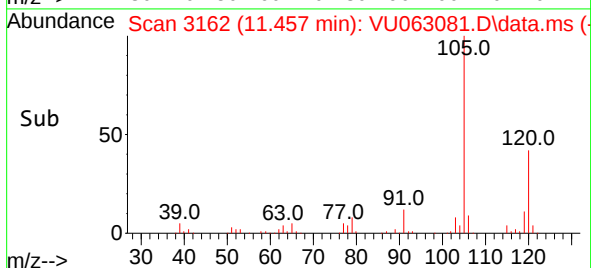
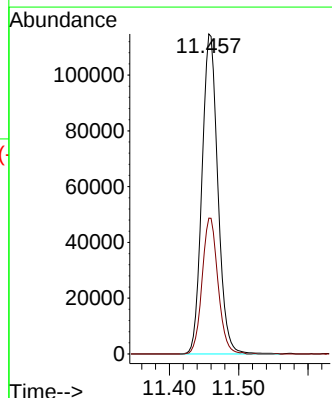
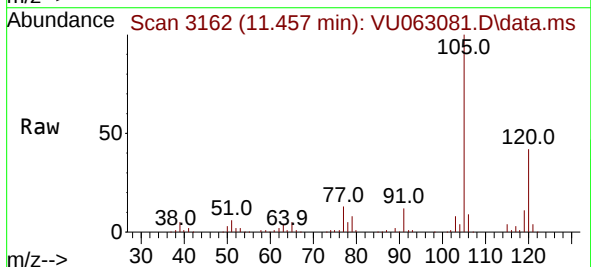
Acq: 28 Jan 2025 21:02

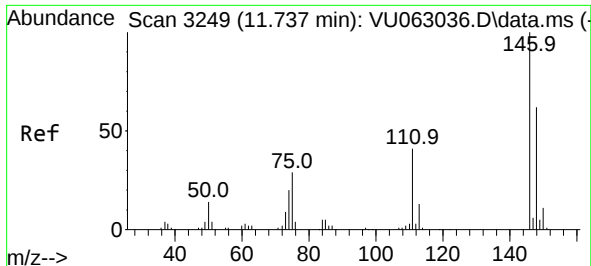
Tgt Ion:105 Resp: 182262

Ion Ratio Lower Upper

105 100

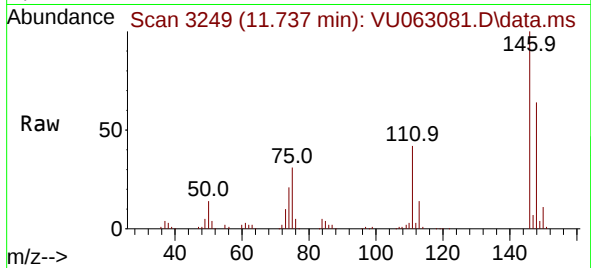
120 42.4 34.2 51.2



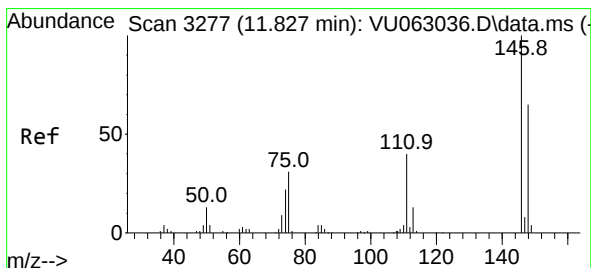
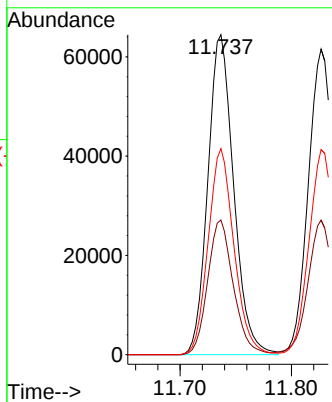
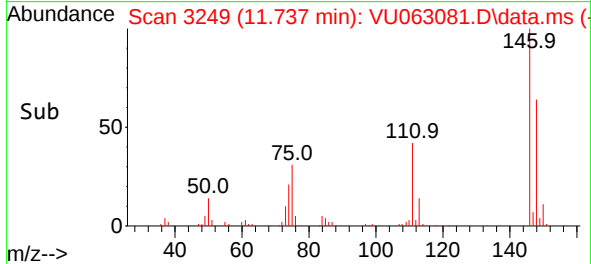


#64
1,3-Dichlorobenzene
Concen: 4.922 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU063081.D
Acq: 28 Jan 2025 21:02

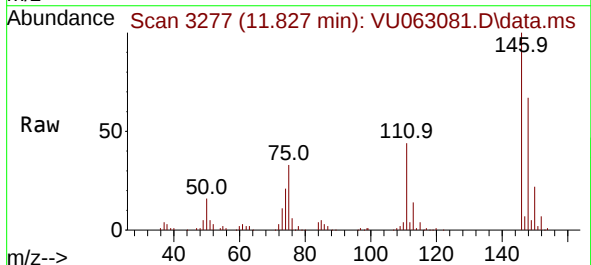
Instrument :
MSVOA_U
ClientSampleId :



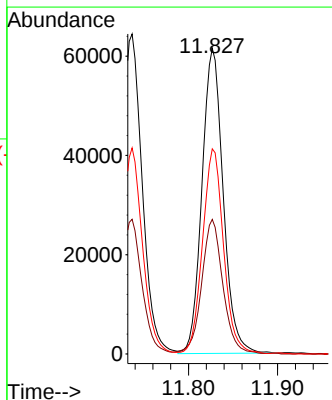
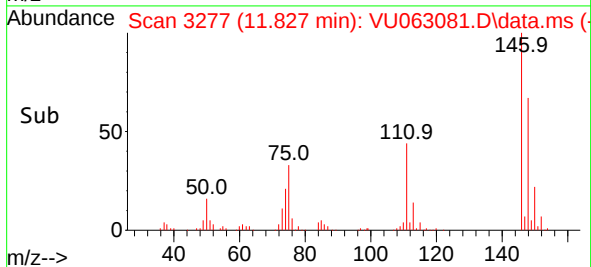
Tgt Ion:146 Resp: 103893
Ion Ratio Lower Upper
146 100
111 42.1 28.6 53.0
148 64.4 44.0 81.6

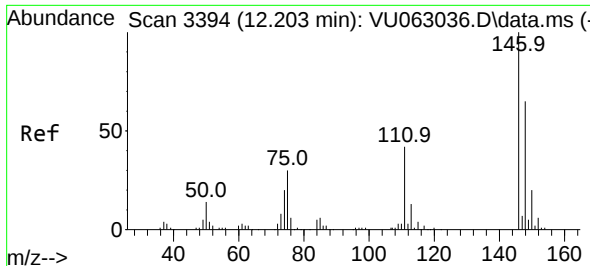


#65
1,4-Dichlorobenzene
Concen: 4.803 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU063081.D
Acq: 28 Jan 2025 21:02



Tgt Ion:146 Resp: 101687
Ion Ratio Lower Upper
146 100
111 44.0 29.5 54.9
148 67.1 45.1 83.9

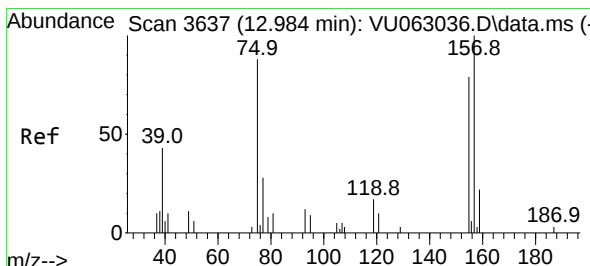
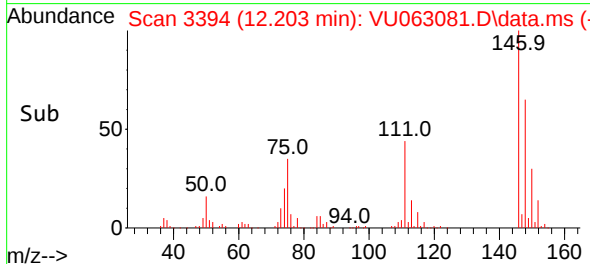
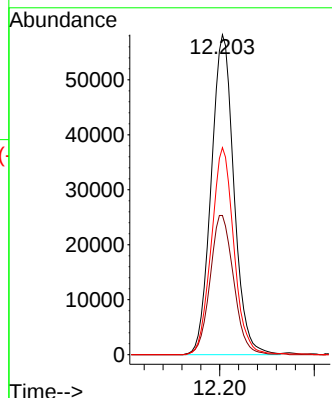
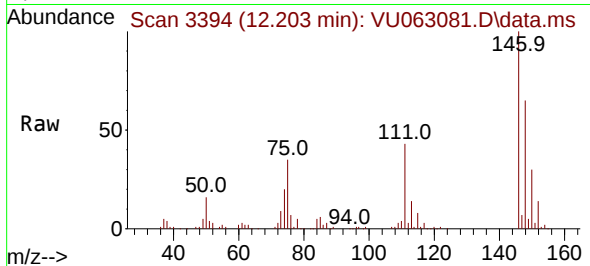




#67
1,2-Dichlorobenzene
Concen: 4.893 ug/L
RT: 12.203 min Scan# 3394
Delta R.T. 0.000 min
Lab File: VU063081.D
Acq: 28 Jan 2025 21:02

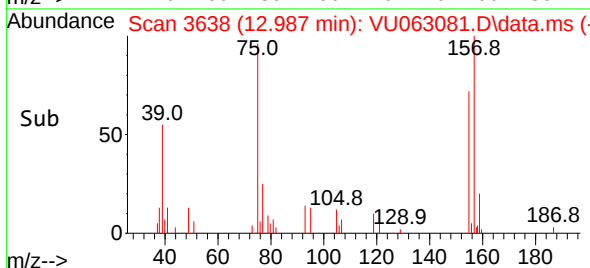
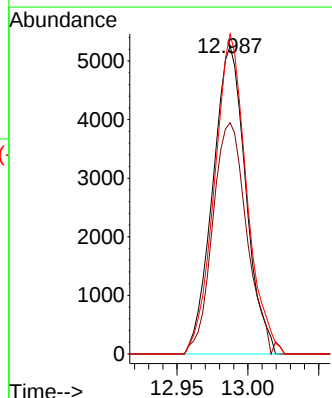
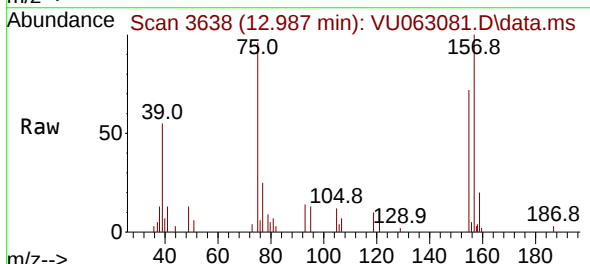
Instrument :
MSVOA_U
ClientSampleId :

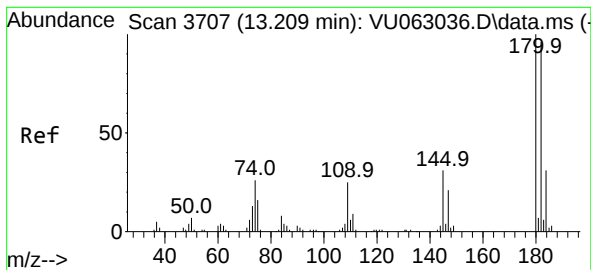
Tgt Ion:146 Resp: 97170
Ion Ratio Lower Upper
146 100
111 43.5 36.3 54.5
148 64.7 52.0 78.0



#68
1,2-Dibromo-3-chloropropane
Concen: 6.085 ug/L
RT: 12.987 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VU063081.D
Acq: 28 Jan 2025 21:02

Tgt Ion: 75 Resp: 8496
Ion Ratio Lower Upper
75 100
155 75.1 59.6 89.4
157 103.9 70.8 106.2





#69

1,3,5-Trichlorobenzene

Concen: 4.632 ug/L

RT: 13.209 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU063081.D

Acq: 28 Jan 2025 21:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 78099

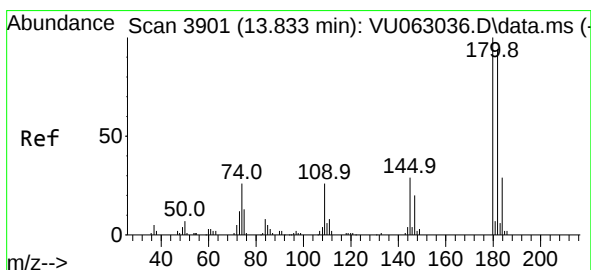
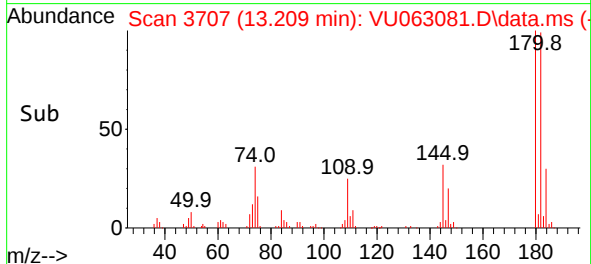
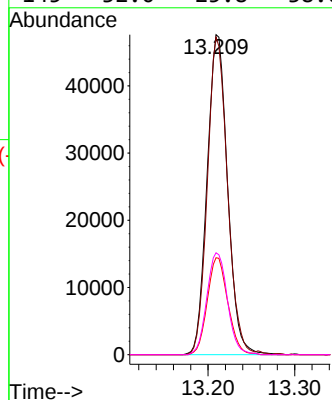
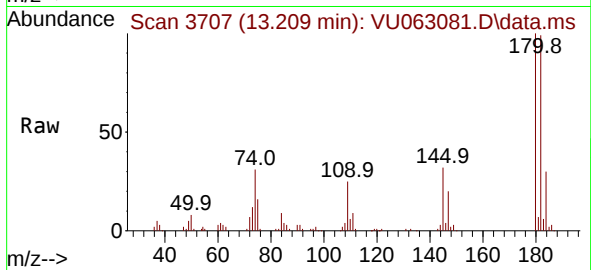
Ion Ratio Lower Upper

180 100

182 97.3 75.8 113.8

184 30.5 24.7 37.1

145 32.0 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 4.882 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.003 min

Lab File: VU063081.D

Acq: 28 Jan 2025 21:02

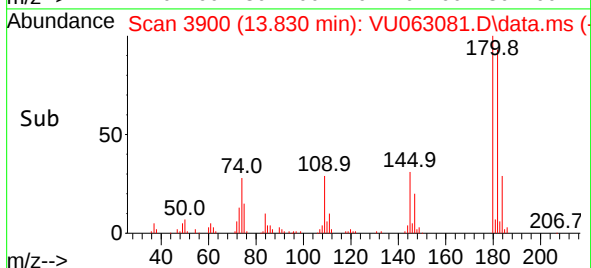
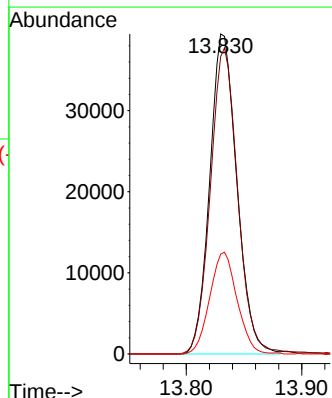
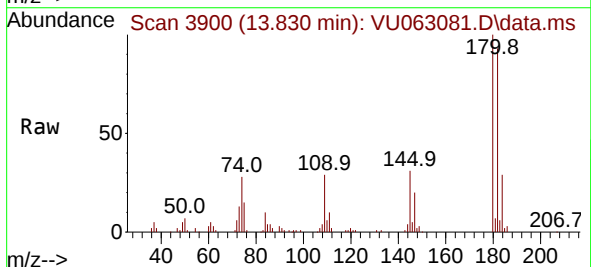
Tgt Ion:180 Resp: 64416

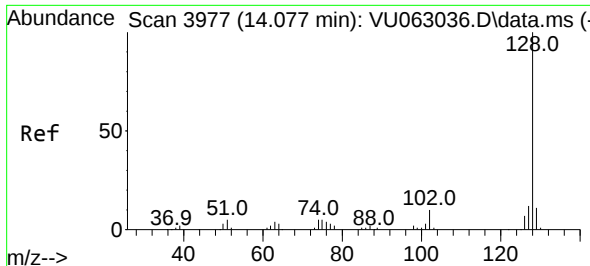
Ion Ratio Lower Upper

180 100

182 96.5 77.1 115.7

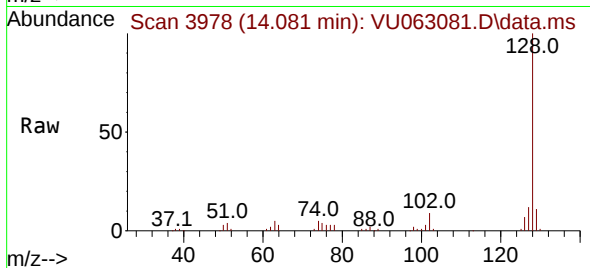
145 32.1 26.9 40.3



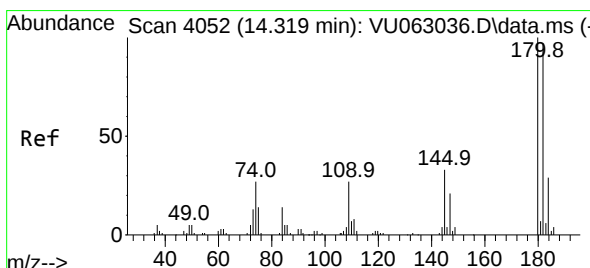
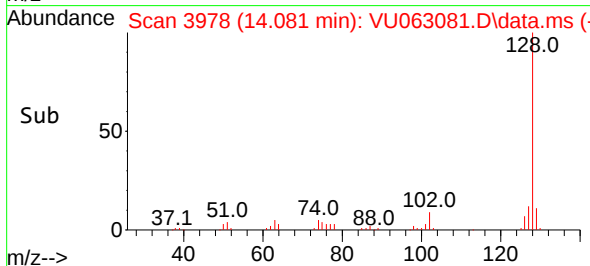
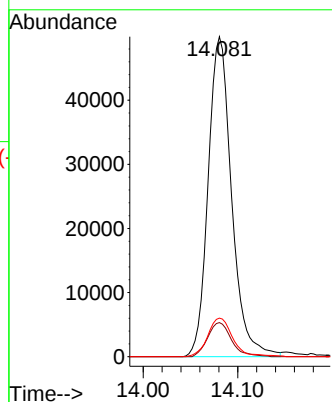


#71
Naphthalene
Concen: 5.086 ug/L
RT: 14.081 min Scan# 3977
Delta R.T. 0.000 min
Lab File: VU063081.D
Acq: 28 Jan 2025 21:02

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 86119
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 12.9 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.639 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU063081.D
Acq: 28 Jan 2025 21:02

Tgt Ion:180 Resp: 52889
Ion Ratio Lower Upper
180 100
182 95.5 79.8 119.6
145 34.6 29.2 43.8

