

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011025\
 Data File : VU062695.D
 Acq On : 10 Jan 2025 19:44
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 11 00:32:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 10 22:42:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	99868	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	94974	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	50038	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	22241	4.021	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.901	69	19396	4.359	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.557	65	12798	4.466	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.605	46	61048	54.003	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.000%
24) Chloroform-d	5.049	84	68493	5.033	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.689	65	37470	5.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.714	84	111814	4.816	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.679	67	31840	4.947	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.888	98	109815	4.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	8.168	79	16563	5.162	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.200%
46) 2-Hexanone-d5	8.618	63	54047	53.558	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.120%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28818	5.346	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	42563	5.113	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	47858	5.030	ug/L	100
3) Chloromethane	1.518	50	29833	4.673	ug/L	97
5) Vinyl chloride	1.599	62	35500	4.938	ug/L	98
6) Bromomethane	1.843	94	10459	2.000	ug/L	98
8) Chloroethane	1.924	64	21543	4.988	ug/L	94
9) Trichlorofluoromethane	2.129	101	74517	5.138	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	34765	4.962	ug/L	100
12) 1,1-Dichloroethene	2.570	96	31968	5.156	ug/L	95
13) Acetone	2.612	43	42921	47.929	ug/L	98
14) Carbon disulfide	2.782	76	99110	5.005	ug/L	100
15) Methyl Acetate	2.943	43	10699	5.518	ug/L	95
16) Methylene chloride	3.030	84	34073	5.017	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	90095	5.288	ug/L	99
18) trans-1,2-Dichloroethene	3.338	96	34674	5.221	ug/L	94
19) 1,1-Dichloroethane	3.853	63	61580	5.185	ug/L	95
21) 2-Butanone	4.682	43	66269	55.565	ug/L	100
22) cis-1,2-Dichloroethene	4.653	96	38242	5.287	ug/L	95
23) Bromochloromethane	4.962	128	18413	5.393	ug/L	94
25) Chloroform	5.071	83	75274	5.151	ug/L	97

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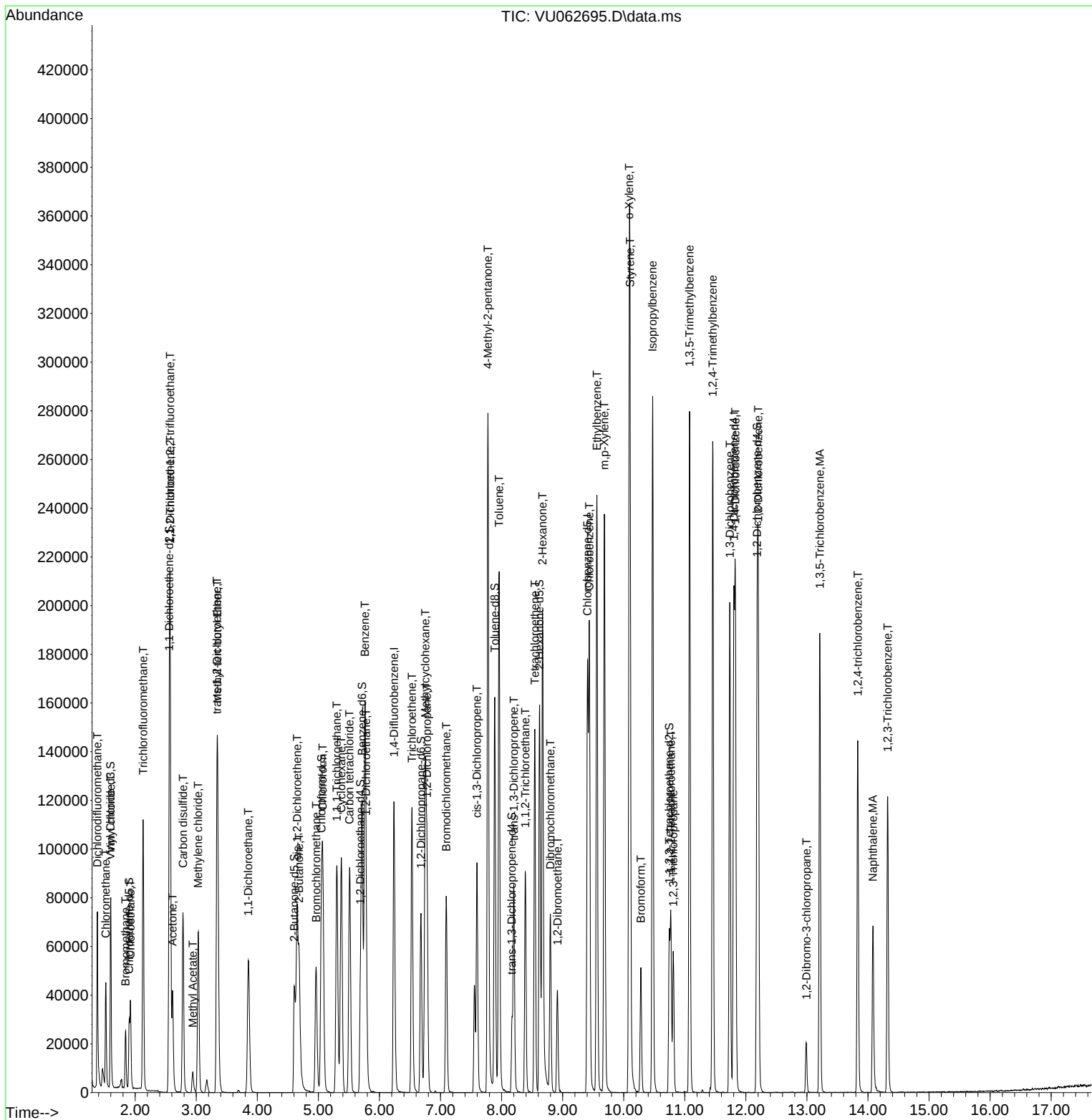
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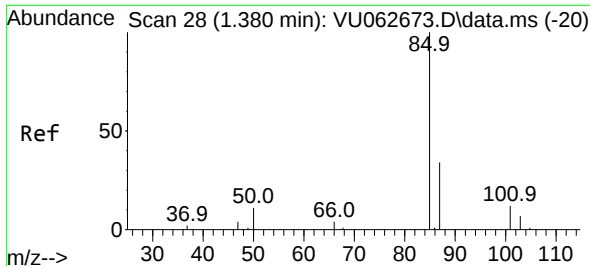
Quant Time: Jan 11 00:32:34 2025
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	51147	5.352	ug/L	99
29) 1,1,1-Trichloroethane	5.300	97	71994	4.997	ug/L	99
30) Cyclohexane	5.374	56	46134	4.904	ug/L	94
31) Carbon tetrachloride	5.509	117	66814	5.047	ug/L	99
33) Benzene	5.763	78	137837	5.051	ug/L	100
34) Trichloroethene	6.531	95	42278	4.536	ug/L	96
35) Methylcyclohexane	6.750	83	56425	4.919	ug/L	98
37) 1,2-Dichloropropane	6.779	63	32675	5.076	ug/L	100
38) Bromodichloromethane	7.094	83	53274	5.146	ug/L	97
39) cis-1,3-Dichloropropene	7.595	75	55258	5.042	ug/L	99
40) 4-Methyl-2-pentanone	7.775	43	156886	52.175	ug/L	99
42) Toluene	7.959	91	157464	5.266	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	50307	5.325	ug/L	98
45) 1,1,2-Trichloroethane	8.386	97	27813	5.320	ug/L	96
47) Tetrachloroethene	8.544	164	32206	5.016	ug/L	97
48) 2-Hexanone	8.669	43	112489	52.036	ug/L	98
49) Dibromochloromethane	8.798	129	36712	5.230	ug/L	96
50) 1,2-Dibromoethane	8.914	107	27780	5.554	ug/L	95
51) Chlorobenzene	9.438	112	100460	5.138	ug/L	98
52) Ethylbenzene	9.560	91	175736	5.179	ug/L	99
53) m,p-Xylene	9.682	106	66493	5.240	ug/L	98
54) o-Xylene	10.090	106	65003	5.348	ug/L	96
55) Styrene	10.103	104	106870	5.256	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	31923	5.443	ug/L	97
59) Bromoform	10.280	173	23424	5.367	ug/L	99
60) Isopropylbenzene	10.473	105	181450	5.262	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	23666	5.332	ug/L	97
62) 1,3,5-Trimethylbenzene	11.078	105	157636	5.379	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	152339	5.373	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	82786	5.179	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	83178	5.160	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	76745	5.122	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	6169	5.366	ug/L	95
69) 1,3,5-Trichlorobenzene	13.209	180	60284	5.007	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	44943	4.635	ug/L	100
71) Naphthalene	14.081	128	61968	4.368	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	38580	4.564	ug/L	95

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

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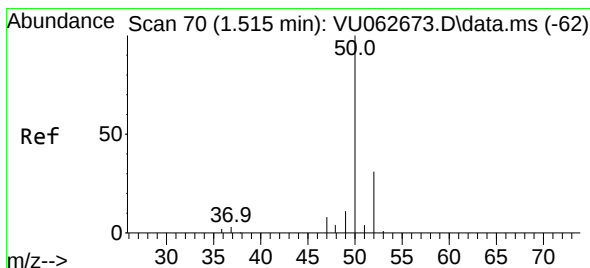
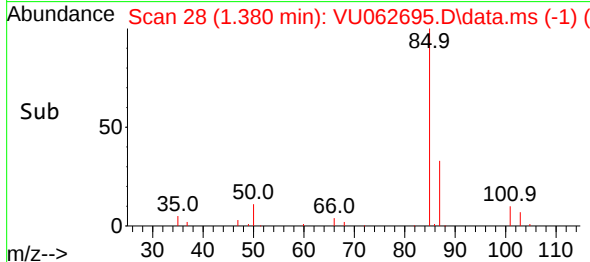
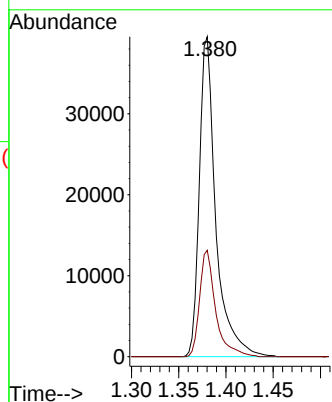
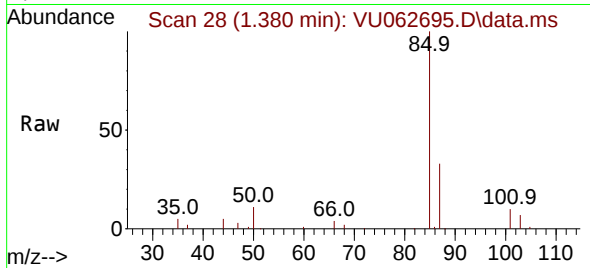




#2
 Dichlorodifluoromethane
 Concen: 5.030 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VU062695.D
 Acq: 10 Jan 2025 19:44

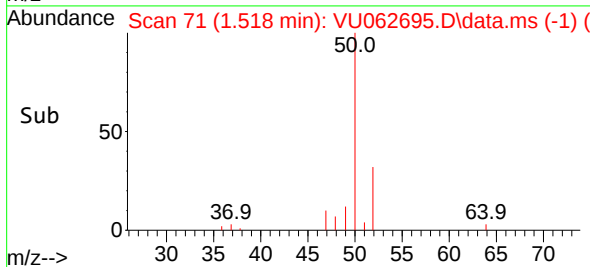
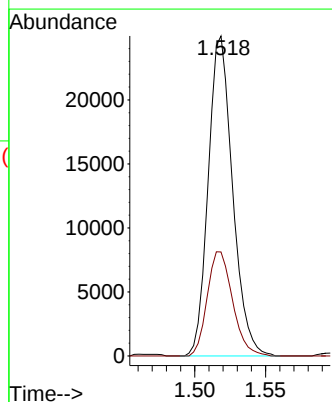
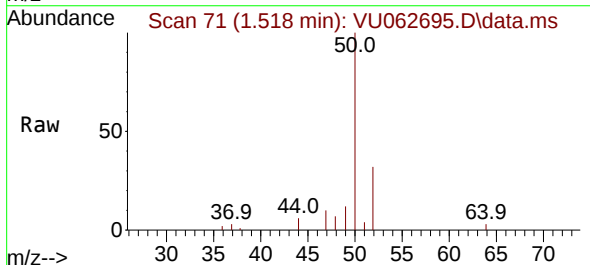
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 MSVOA_U
 ClientSampleId :

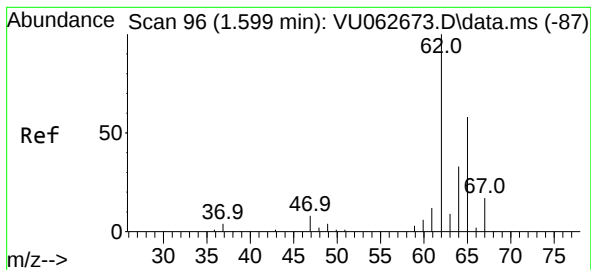
Tgt Ion: 85 Resp: 47858
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.1 39.1



#3
 Chloromethane
 Concen: 4.673 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU062695.D
 Acq: 10 Jan 2025 19:44

Tgt Ion: 50 Resp: 29833
 Ion Ratio Lower Upper
 50 100
 52 32.5 24.1 44.7





#5

Vinyl chloride

Concen: 4.938 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU062695.D

Acq: 10 Jan 2025 19:44

Instrument :

MSVOA_U

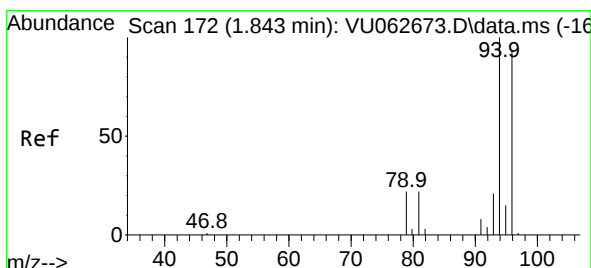
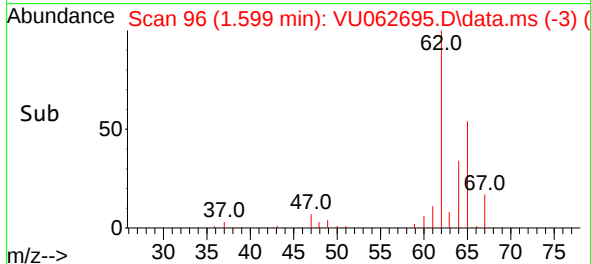
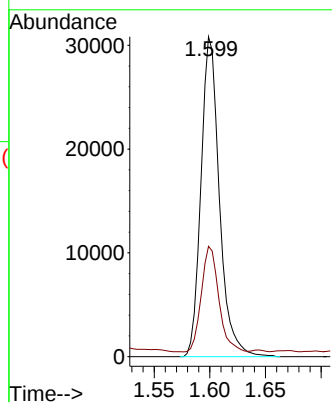
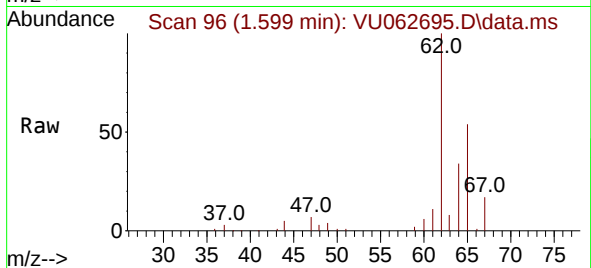
ClientSampleId :

Tgt Ion: 62 Resp: 35500

Ion Ratio Lower Upper

62 100

64 34.5 23.4 43.4



#6

Bromomethane

Concen: 2.000 ug/L

RT: 1.843 min Scan# 172

Delta R.T. 0.000 min

Lab File: VU062695.D

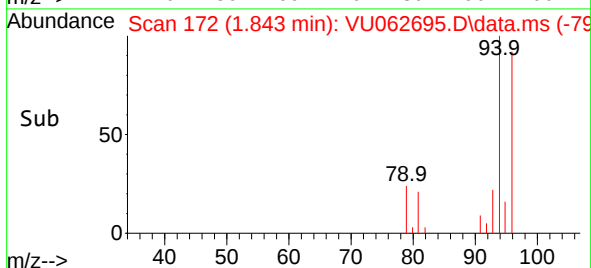
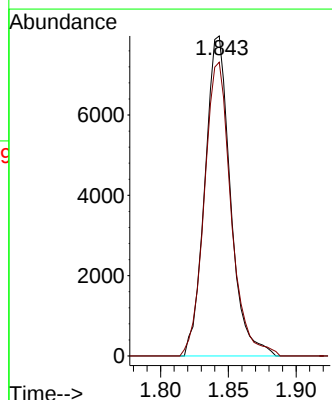
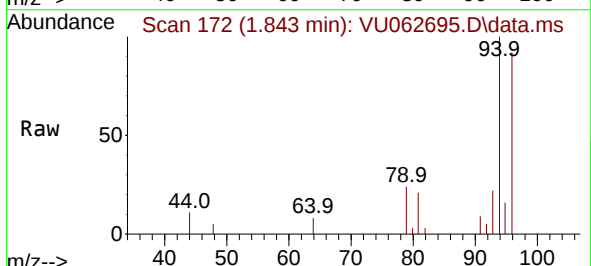
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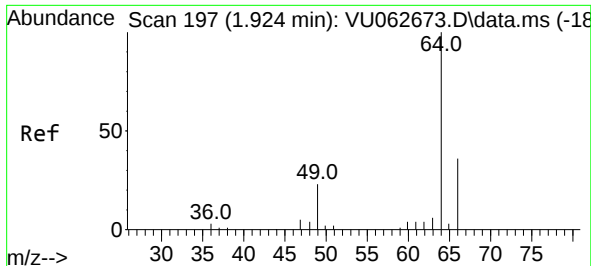
Tgt Ion: 94 Resp: 10459

Ion Ratio Lower Upper

94 100

96 91.8 62.9 116.7

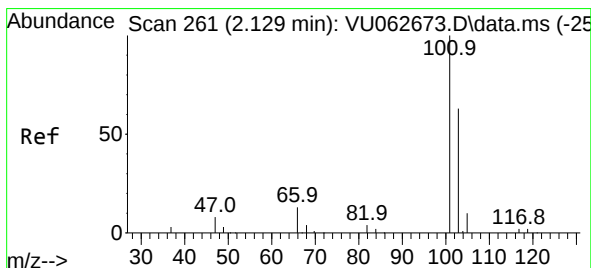
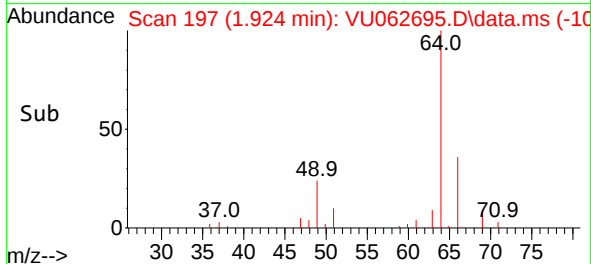
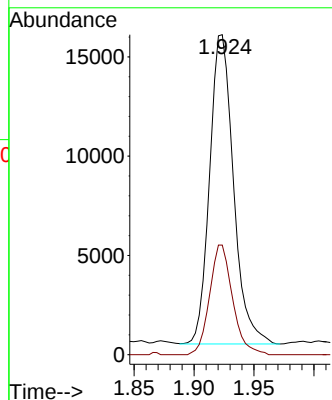
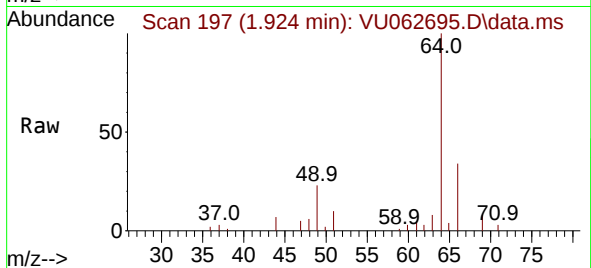




#8
Chloroethane
Concen: 4.988 ug/L
RT: 1.924 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU062695.D
Acq: 10 Jan 2025 19:44

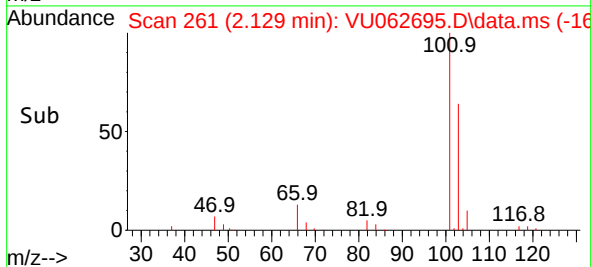
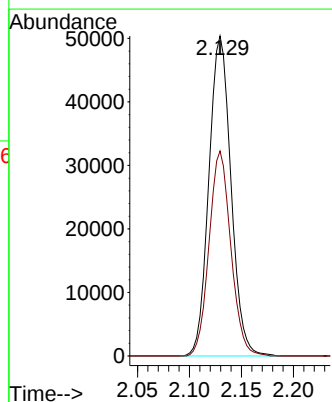
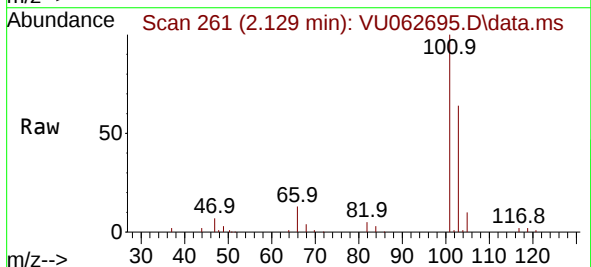
Instrument :
MSVOA_U
ClientSampleId :

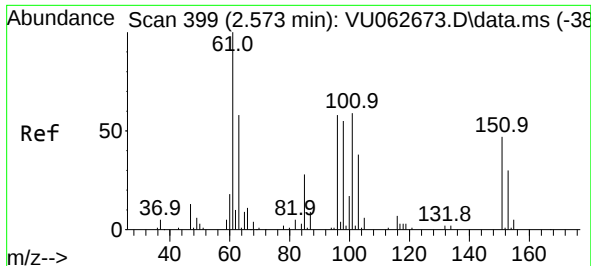
Tgt Ion: 64 Resp: 21543
Ion Ratio Lower Upper
64 100
66 34.2 21.6 40.2



#9
Trichlorofluoromethane
Concen: 5.138 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.000 min
Lab File: VU062695.D
Acq: 10 Jan 2025 19:44

Tgt Ion:101 Resp: 74517
Ion Ratio Lower Upper
101 100
103 63.0 51.4 77.0

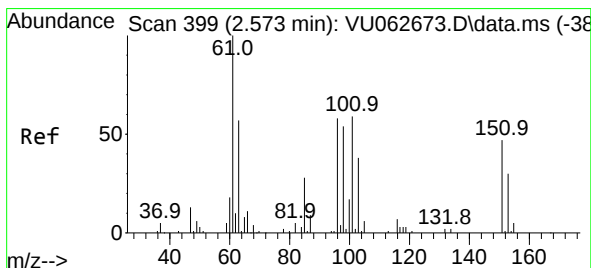
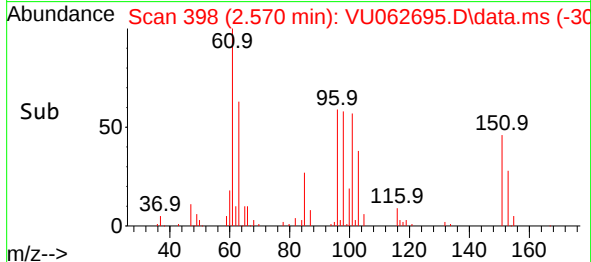
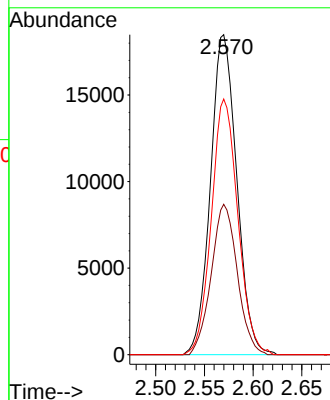
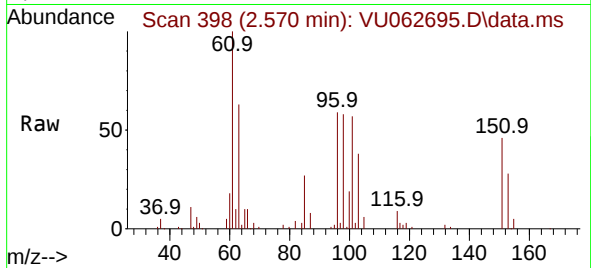




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.962 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU062695.D
Acq: 10 Jan 2025 19:44

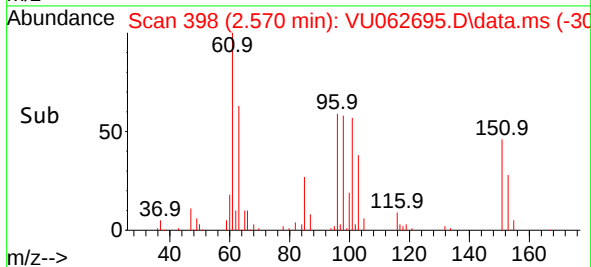
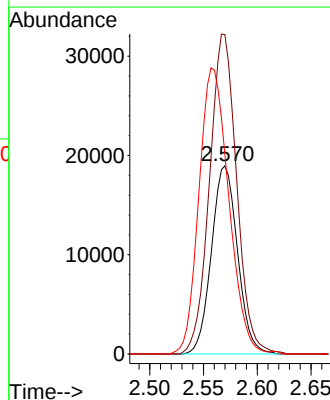
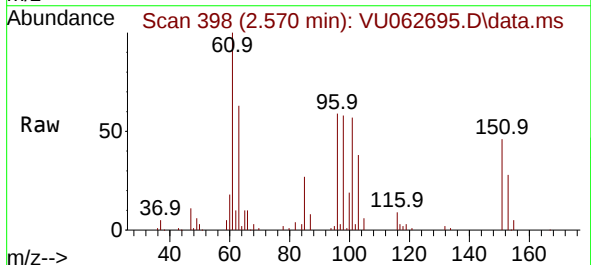
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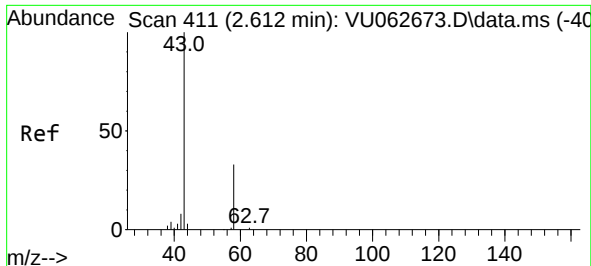
Tgt Ion:101 Resp: 34765
Ion Ratio Lower Upper
101 100
85 46.5 37.0 55.6
151 80.5 64.4 96.6



#12
1,1-Dichloroethene
Concen: 5.156 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU062695.D
Acq: 10 Jan 2025 19:44

Tgt Ion: 96 Resp: 31968
Ion Ratio Lower Upper
96 100
61 169.8 120.4 223.6
63 106.2 82.3 152.9





#13

Acetone

Concen: 47.929 ug/L

RT: 2.612 min Scan# 411

Delta R.T. 0.000 min

Lab File: VU062695.D

Acq: 10 Jan 2025 19:44

Instrument :

MSVOA_U

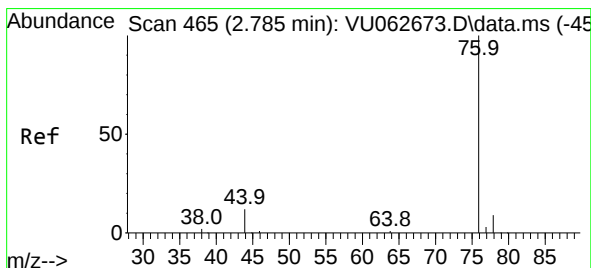
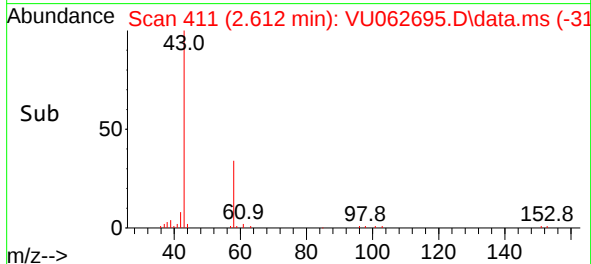
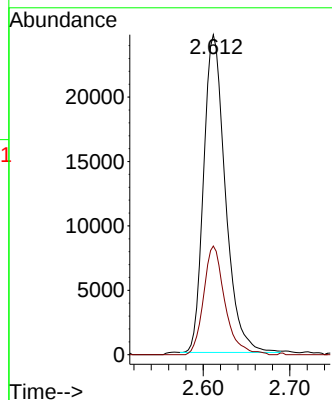
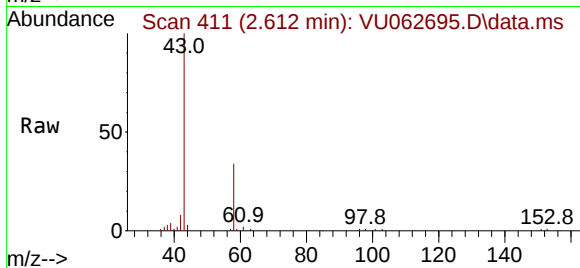
ClientSampleId :

Tgt Ion: 43 Resp: 42921

Ion Ratio Lower Upper

43 100

58 33.6 0.0 64.4



#14

Carbon disulfide

Concen: 5.005 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.003 min

Lab File: VU062695.D

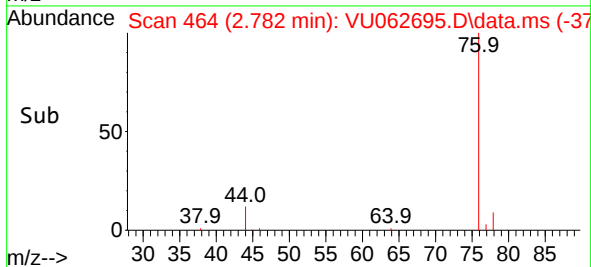
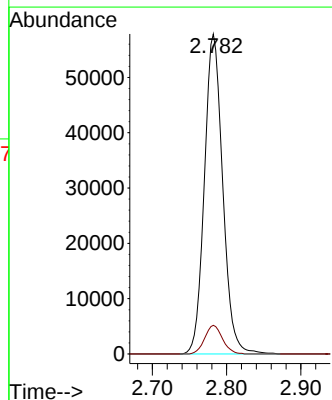
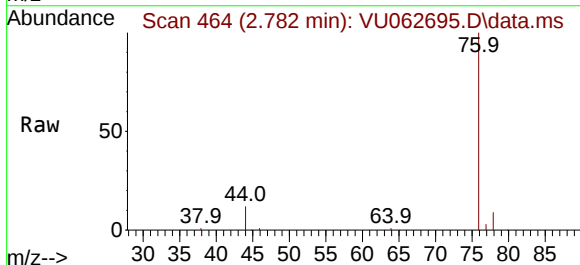
Acq: 10 Jan 2025 19:44

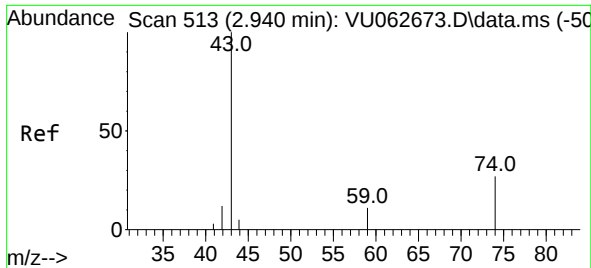
Tgt Ion: 76 Resp: 99110

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6

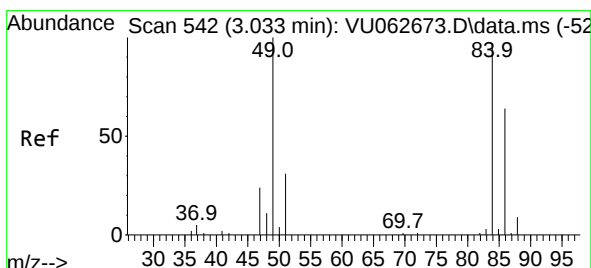
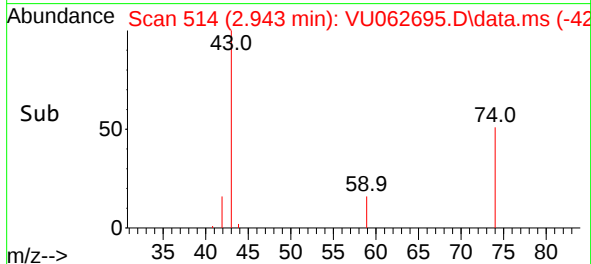
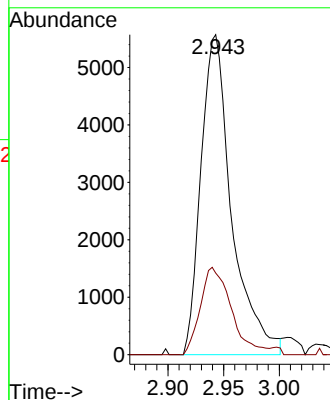
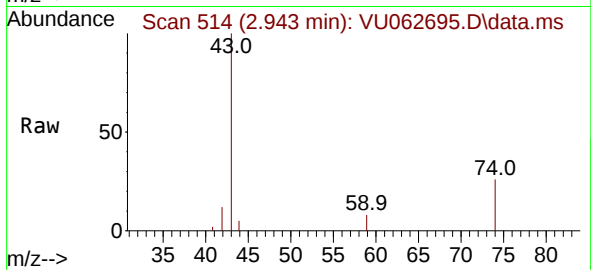




#15
Methyl Acetate
Concen: 5.518 ug/L
RT: 2.943 min Scan# 513
Delta R.T. 0.003 min
Lab File: VU062695.D
Acq: 10 Jan 2025 19:44

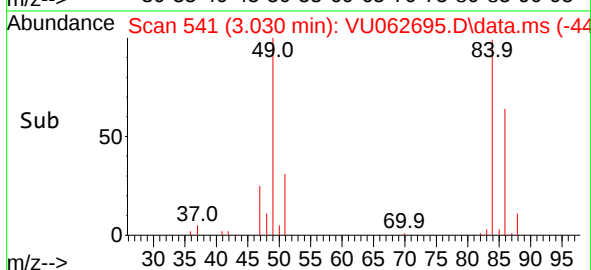
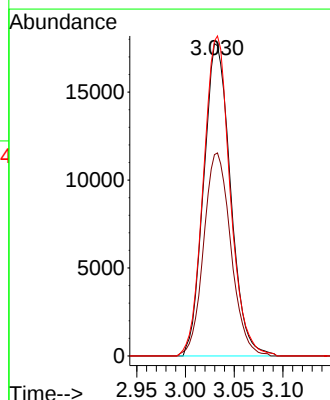
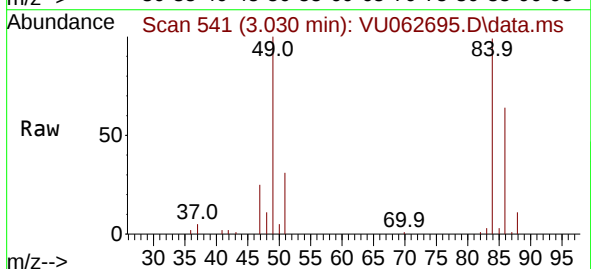
Instrument :
MSVOA_U
ClientSampleId :

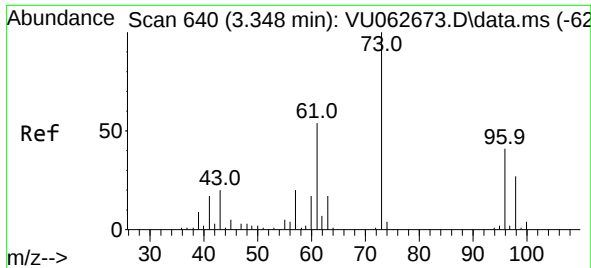
Tgt Ion: 43 Resp: 10699
Ion Ratio Lower Upper
43 100
74 27.6 24.4 36.6



#16
Methylene chloride
Concen: 5.017 ug/L
RT: 3.030 min Scan# 541
Delta R.T. -0.003 min
Lab File: VU062695.D
Acq: 10 Jan 2025 19:44

Tgt Ion: 84 Resp: 34073
Ion Ratio Lower Upper
84 100
86 64.5 44.7 83.1
49 100.9 68.3 126.9





#17

Methyl tert-butyl Ether

Concen: 5.288 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.000 min

Lab File: VU062695.D

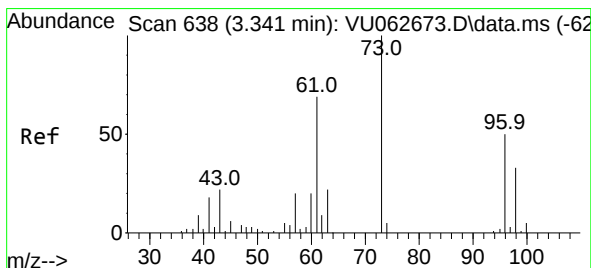
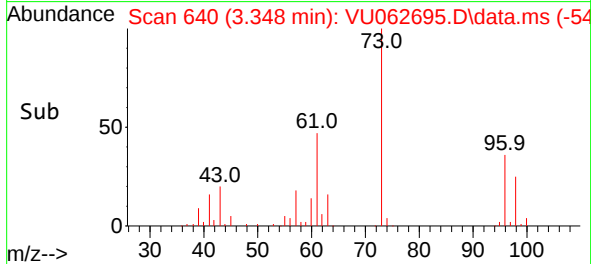
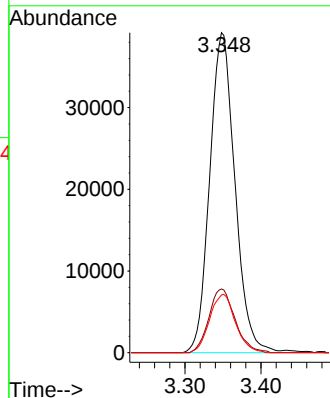
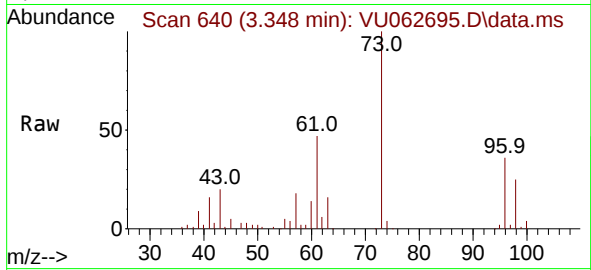
Acq: 10 Jan 2025 19:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 73	Resp: 90095
Ion Ratio	Lower Upper
73	100
43	20.7 16.2 24.4
57	18.6 14.6 22.0



#18

trans-1,2-Dichloroethene

Concen: 5.221 ug/L

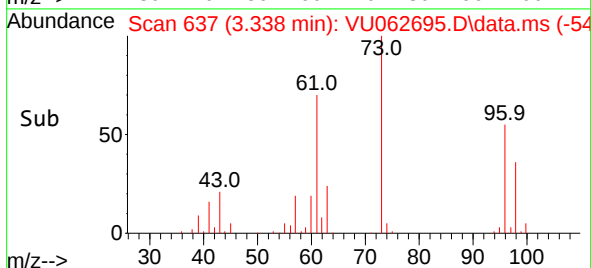
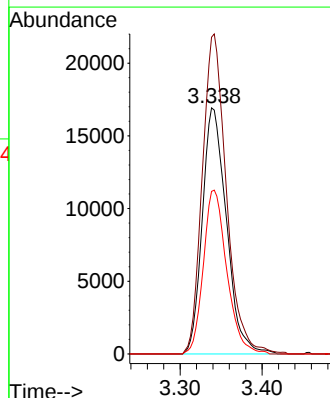
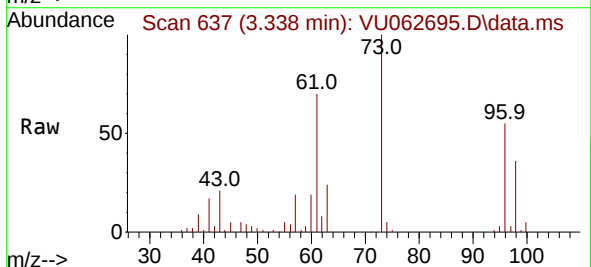
RT: 3.338 min Scan# 637

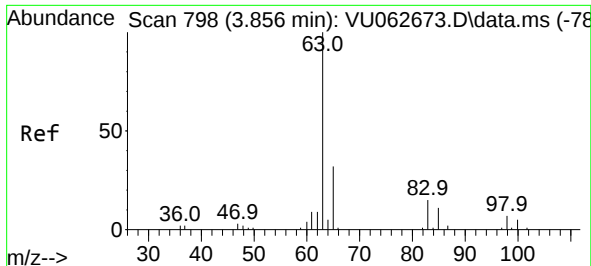
Delta R.T. -0.003 min

Lab File: VU062695.D

Acq: 10 Jan 2025 19:44

Tgt Ion: 96	Resp: 34674
Ion Ratio	Lower Upper
96	100
61	128.7 94.4 175.2
98	66.0 42.8 79.4





#19

1,1-Dichloroethane

Concen: 5.185 ug/L

RT: 3.853 min Scan# 798

Delta R.T. -0.003 min

Lab File: VU062695.D

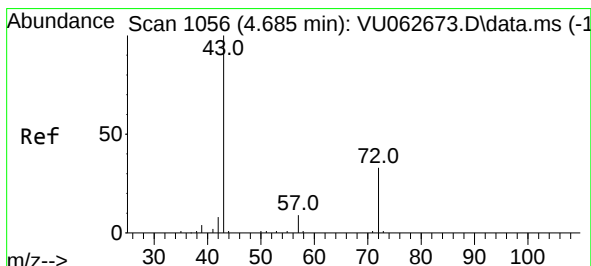
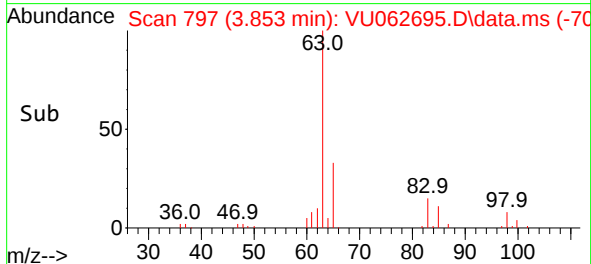
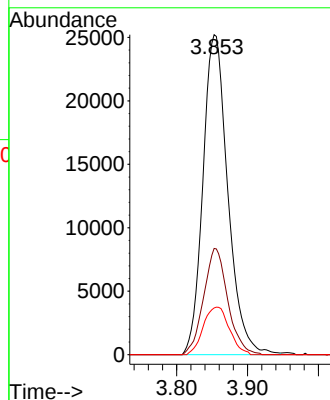
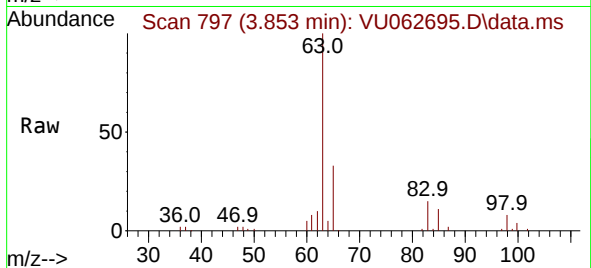
Acq: 10 Jan 2025 19:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 61580
Ion Ratio	Lower Upper
63	100
65	33.2 20.7 38.5
83	14.6 10.5 19.5



#21

2-Butanone

Concen: 55.565 ug/L

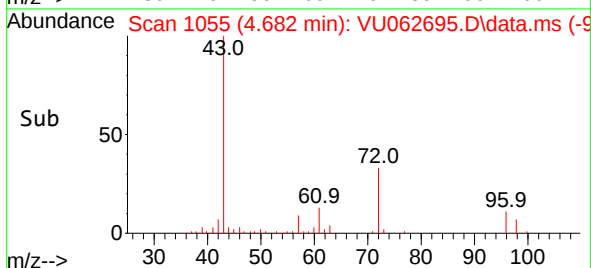
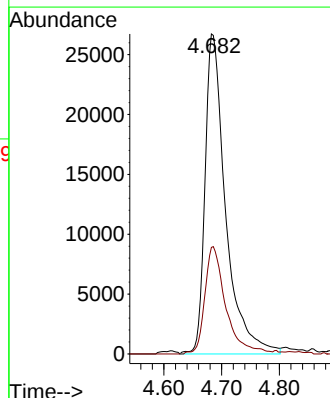
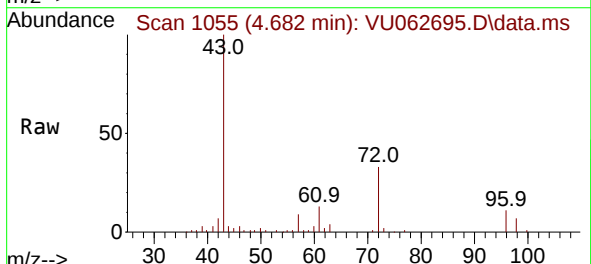
RT: 4.682 min Scan# 1055

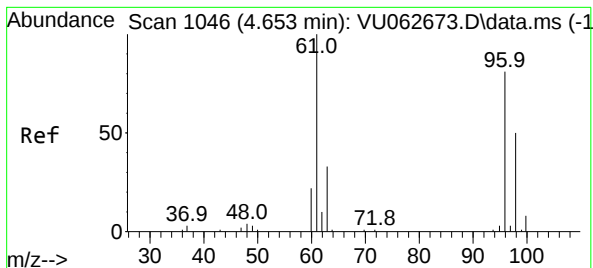
Delta R.T. -0.003 min

Lab File: VU062695.D

Acq: 10 Jan 2025 19:44

Tgt Ion: 43	Resp: 66269
Ion Ratio	Lower Upper
43	100
72	34.1 17.1 51.2





#22

cis-1,2-Dichloroethene

Concen: 5.287 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. 0.000 min

Lab File: VU062695.D

Acq: 10 Jan 2025 19:44

Instrument :

MSVOA_U

ClientSampleId :

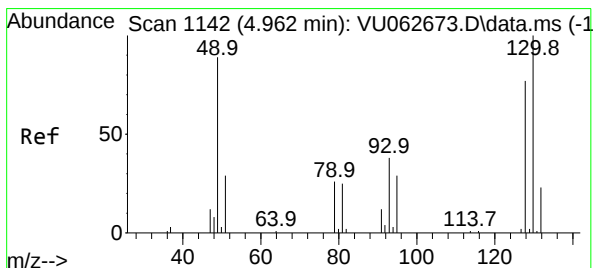
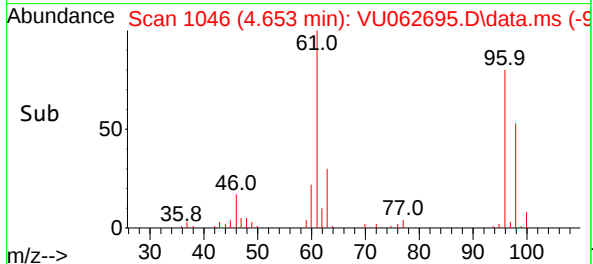
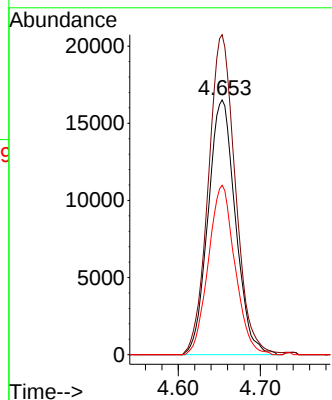
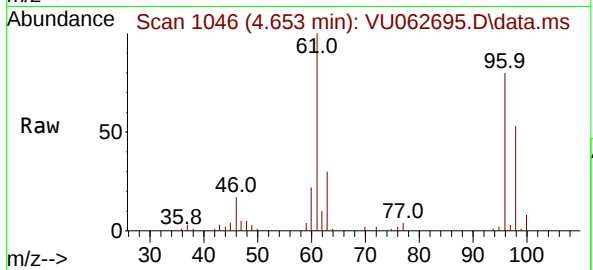
Tgt Ion: 96 Resp: 38242

Ion Ratio Lower Upper

96 100

61 125.6 84.8 157.6

98 66.5 43.1 80.1



#23

Bromochloromethane

Concen: 5.393 ug/L

RT: 4.962 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VU062695.D

Acq: 10 Jan 2025 19:44

Tgt Ion:128 Resp: 18413

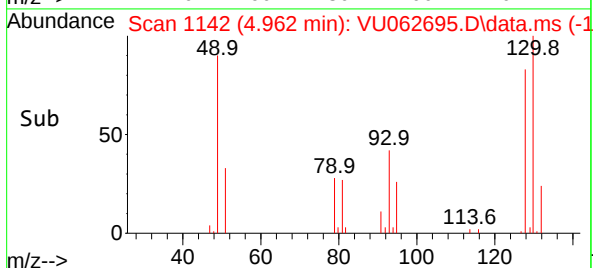
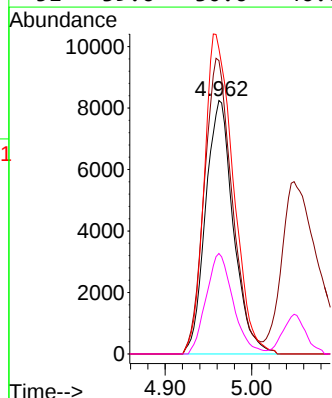
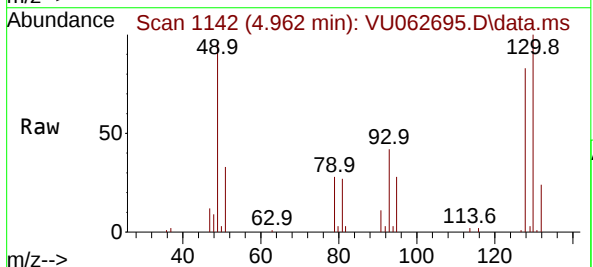
Ion Ratio Lower Upper

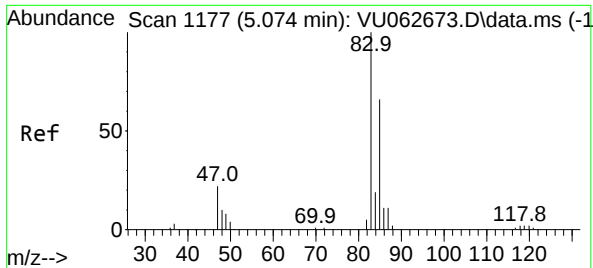
128 100

49 115.8 81.1 150.7

130 120.4 94.9 176.3

51 39.6 30.6 46.0

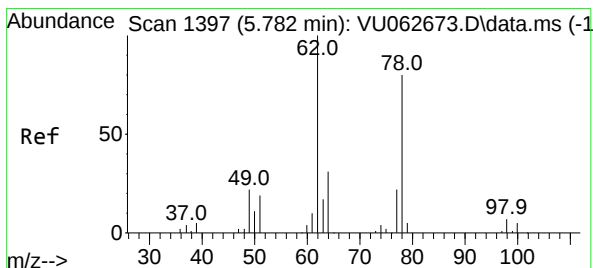
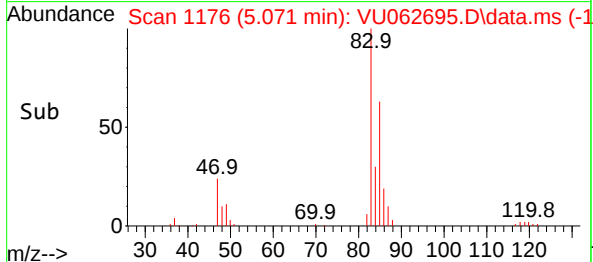
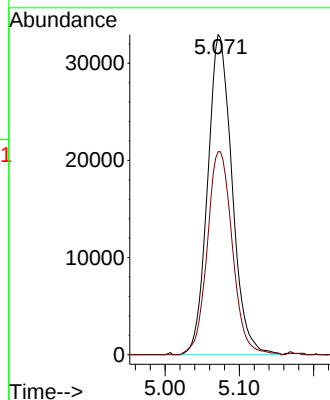
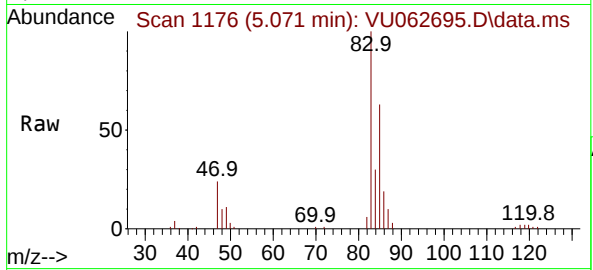




#25
Chloroform
Concen: 5.151 ug/L
RT: 5.071 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VU062695.D
Acq: 10 Jan 2025 19:44

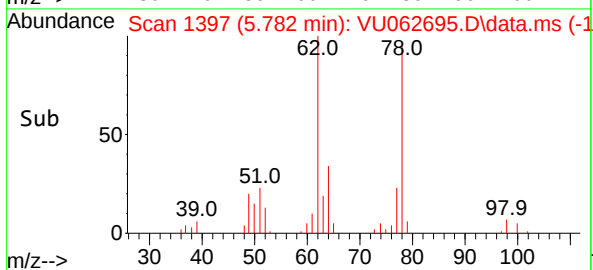
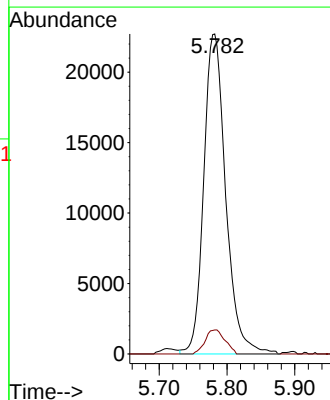
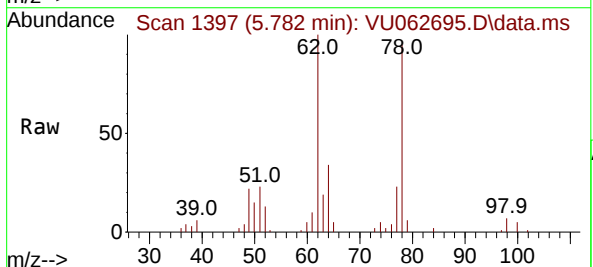
Instrument :
MSVOA_U
ClientSampleId :

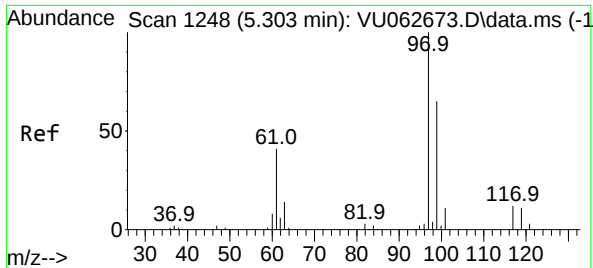
Tgt Ion: 83 Resp: 75274
Ion Ratio Lower Upper
83 100
85 63.5 45.8 85.2



#27
1,2-Dichloroethane
Concen: 5.352 ug/L
RT: 5.782 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VU062695.D
Acq: 10 Jan 2025 19:44

Tgt Ion: 62 Resp: 51147
Ion Ratio Lower Upper
62 100
98 7.5 5.8 8.6





#29

1,1,1-Trichloroethane

Concen: 4.997 ug/L

RT: 5.300 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU062695.D

Acq: 10 Jan 2025 19:44

Instrument :

MSVOA_U

ClientSampleId :

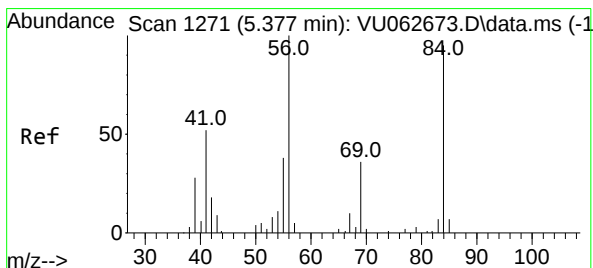
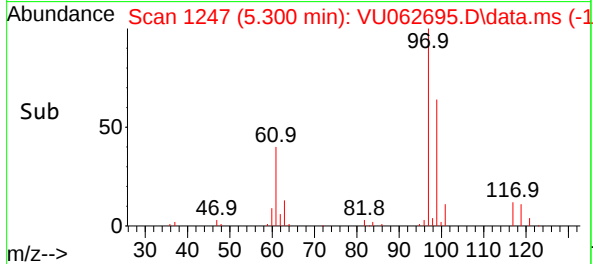
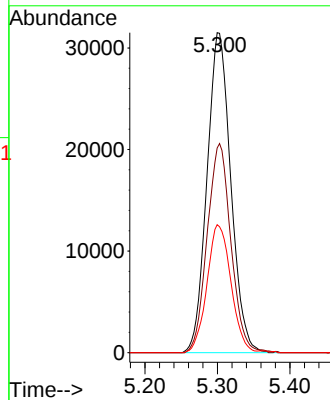
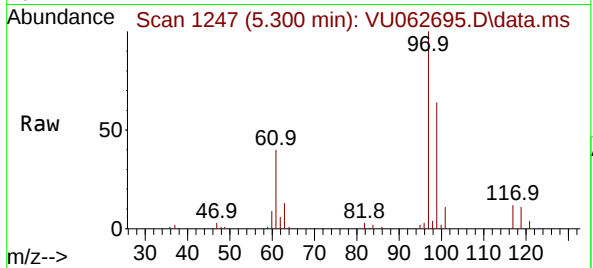
Tgt Ion: 97 Resp: 71994

Ion Ratio Lower Upper

97 100

99 65.0 52.4 78.6

61 40.2 32.2 48.4



#30

Cyclohexane

Concen: 4.904 ug/L

RT: 5.374 min Scan# 1270

Delta R.T. -0.003 min

Lab File: VU062695.D

Acq: 10 Jan 2025 19:44

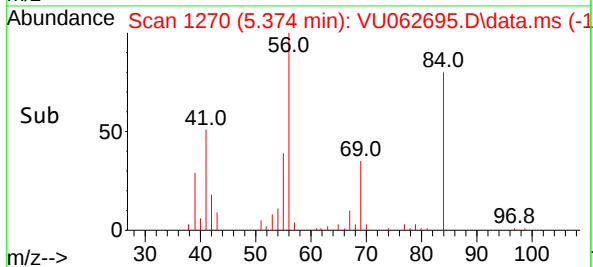
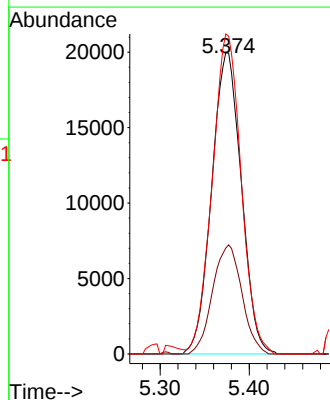
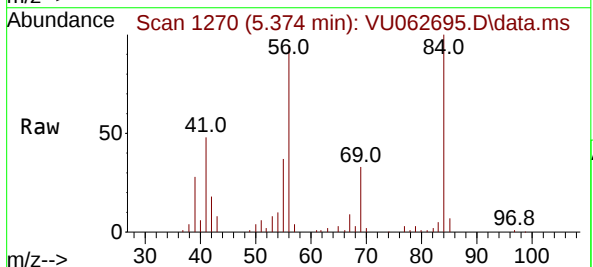
Tgt Ion: 56 Resp: 46134

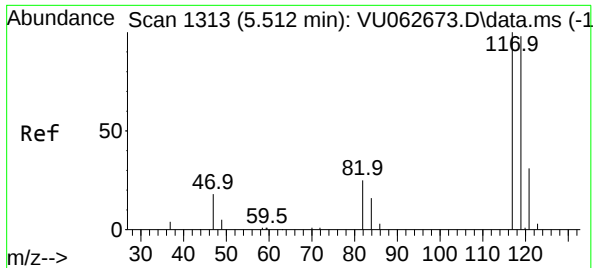
Ion Ratio Lower Upper

56 100

69 35.7 28.3 42.5

84 103.6 76.5 114.7

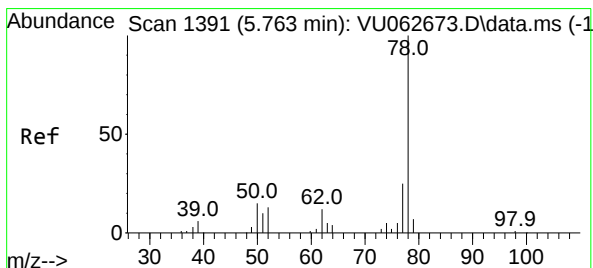
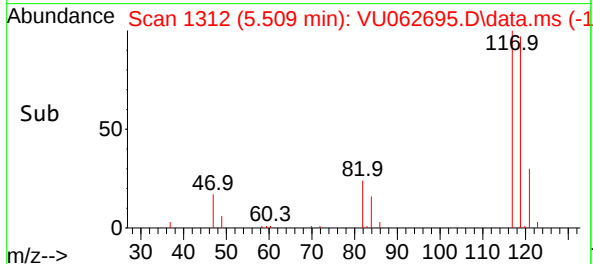
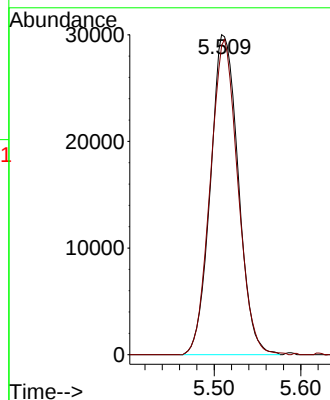
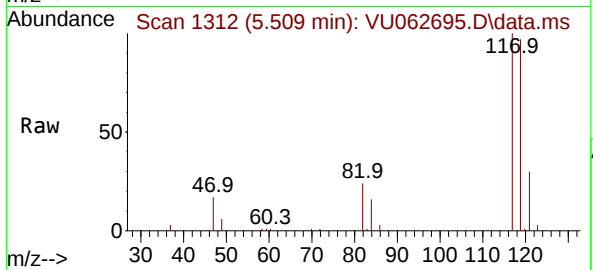




#31
Carbon tetrachloride
Concen: 5.047 ug/L
RT: 5.509 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU062695.D
Acq: 10 Jan 2025 19:44

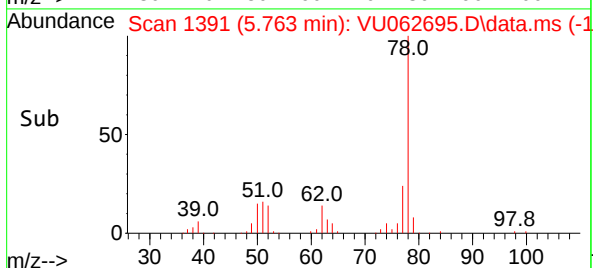
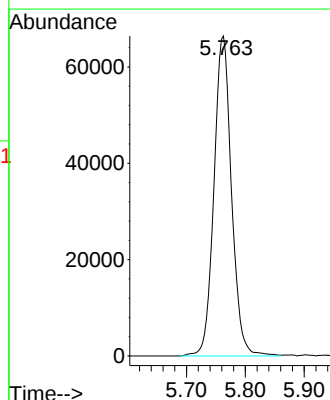
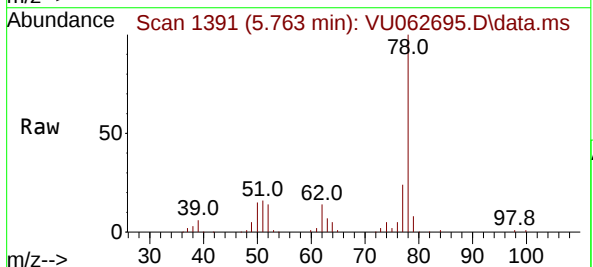
Instrument :
MSVOA_U
ClientSampleId :

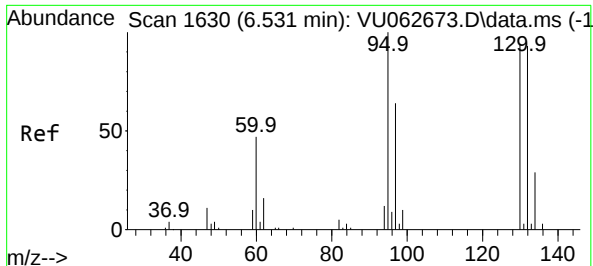
Tgt Ion:117 Resp: 66814
Ion Ratio Lower Upper
117 100
119 97.7 78.6 118.0



#33
Benzene
Concen: 5.051 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU062695.D
Acq: 10 Jan 2025 19:44

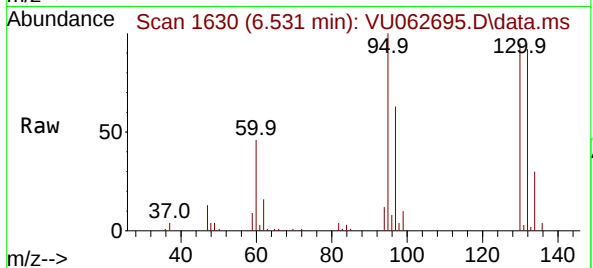
Tgt Ion: 78 Resp: 137837



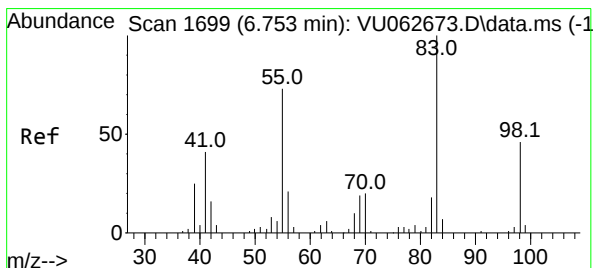
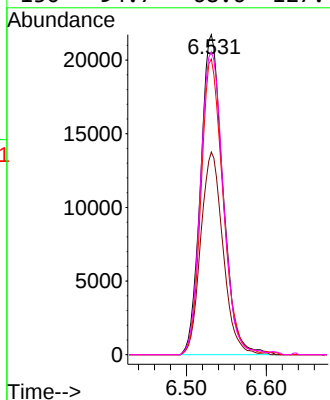
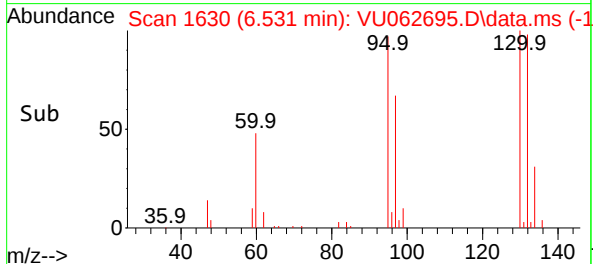


#34
Trichloroethene
Concen: 4.536 ug/L
RT: 6.531 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU062695.D
Acq: 10 Jan 2025 19:44

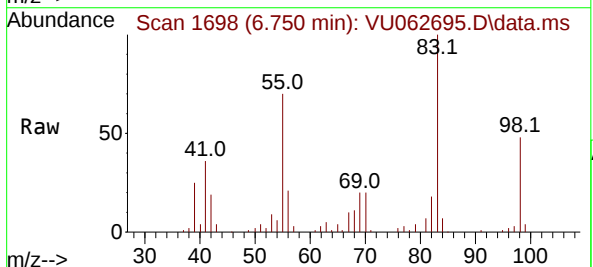
Instrument :
MSVOA_U
ClientSampleId :



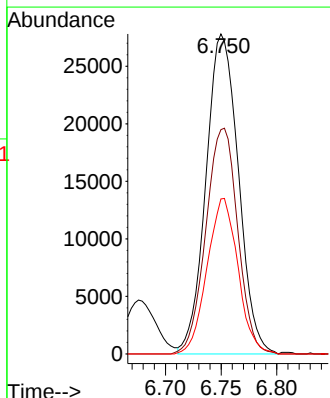
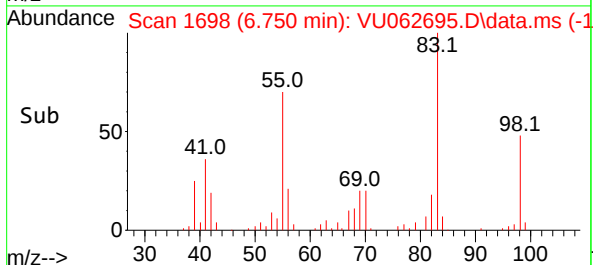
Tgt Ion: 95 Resp: 42278
Ion Ratio Lower Upper
95 100
97 63.3 47.5 88.3
132 92.4 66.9 124.3
130 94.7 68.6 127.4

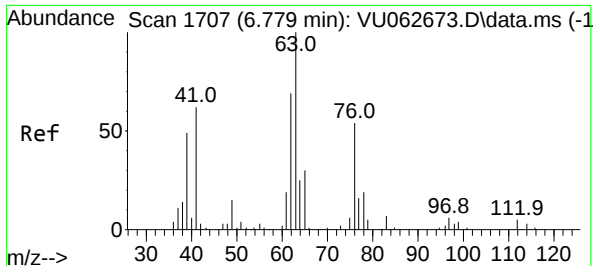


#35
Methylcyclohexane
Concen: 4.919 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. -0.003 min
Lab File: VU062695.D
Acq: 10 Jan 2025 19:44



Tgt Ion: 83 Resp: 56425
Ion Ratio Lower Upper
83 100
55 69.4 57.2 85.8
98 46.2 36.6 55.0





#37

1,2-Dichloropropane

Concen: 5.076 ug/L

RT: 6.779 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU062695.D

Acq: 10 Jan 2025 19:44

Instrument :

MSVOA_U

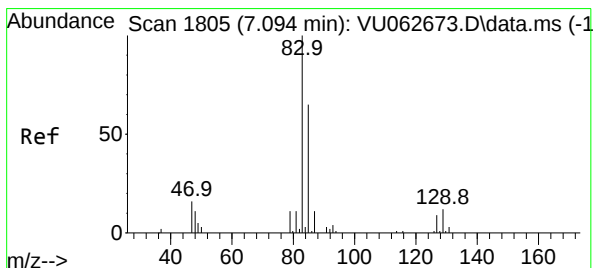
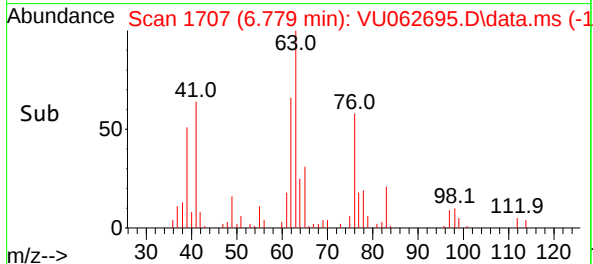
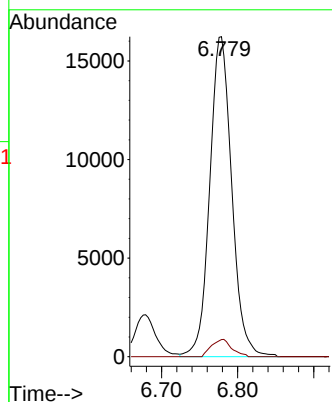
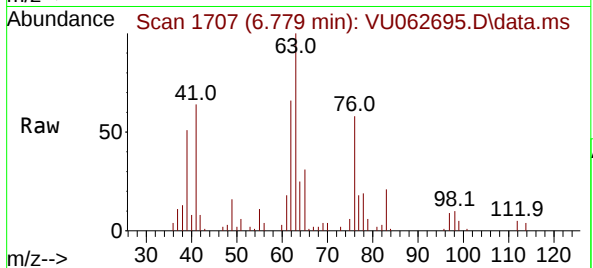
ClientSampleId :

Tgt Ion: 63 Resp: 32675

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 5.146 ug/L

RT: 7.094 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VU062695.D

Acq: 10 Jan 2025 19:44

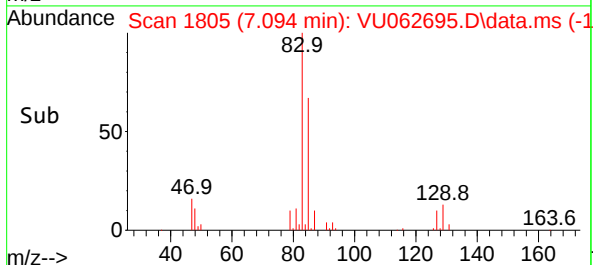
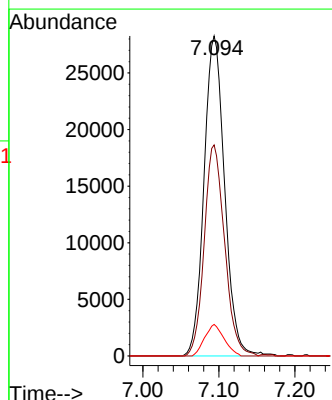
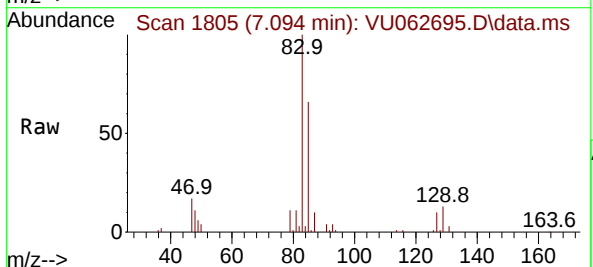
Tgt Ion: 83 Resp: 53274

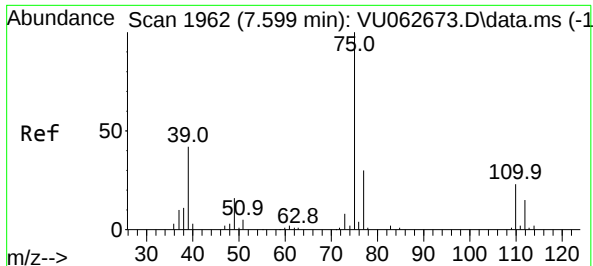
Ion Ratio Lower Upper

83 100

85 66.0 44.2 82.0

127 9.8 7.8 11.8

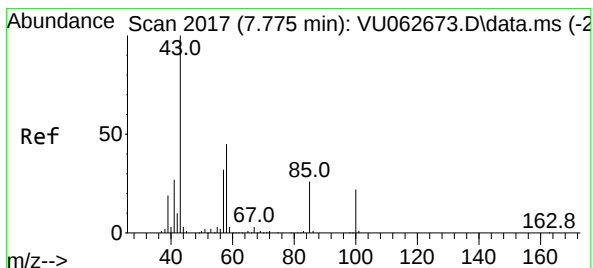
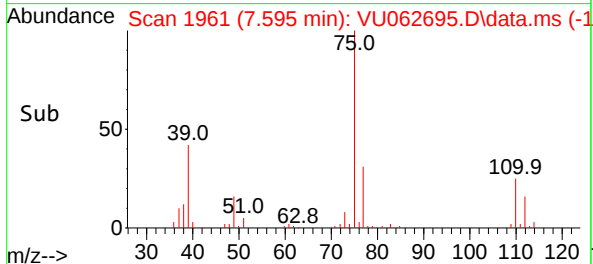
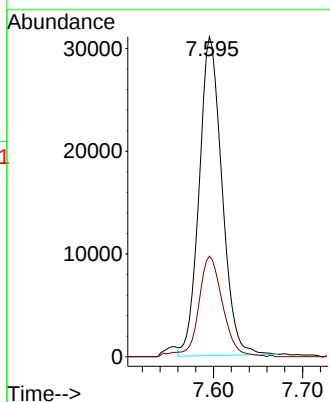
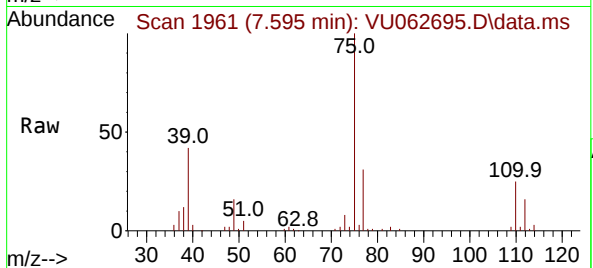




#39
 cis-1,3-Dichloropropene
 Concen: 5.042 ug/L
 RT: 7.595 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU062695.D
 Acq: 10 Jan 2025 19:44

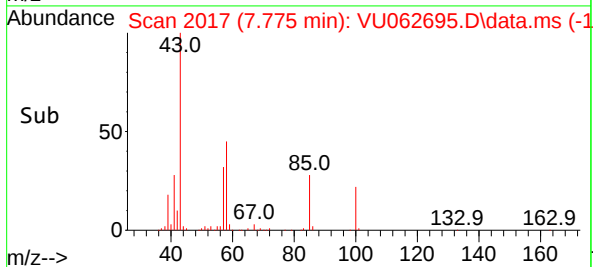
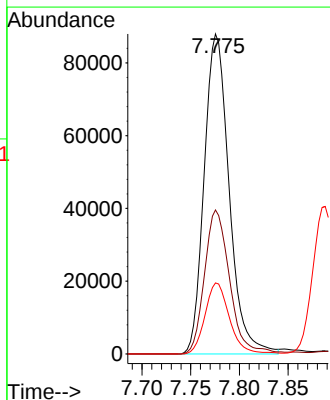
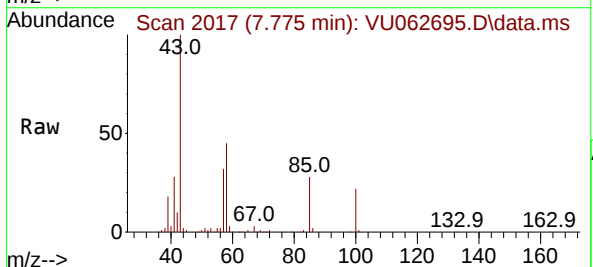
Instrument :
 MSVOA_U
 ClientSampleId :

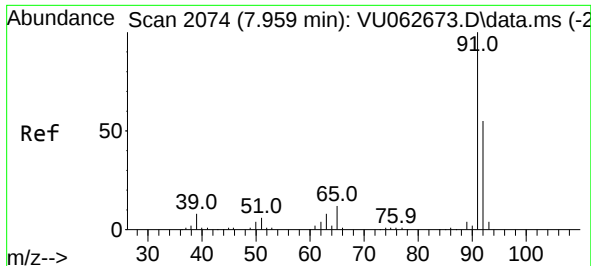
Tgt Ion: 75 Resp: 55258
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 52.175 ug/L
 RT: 7.775 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VU062695.D
 Acq: 10 Jan 2025 19:44

Tgt Ion: 43 Resp: 156886
 Ion Ratio Lower Upper
 43 100
 58 45.4 35.8 53.8
 100 21.7 16.8 25.2





#42

Toluene

Concen: 5.266 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU062695.D

Acq: 10 Jan 2025 19:44

Instrument :

MSVOA_U

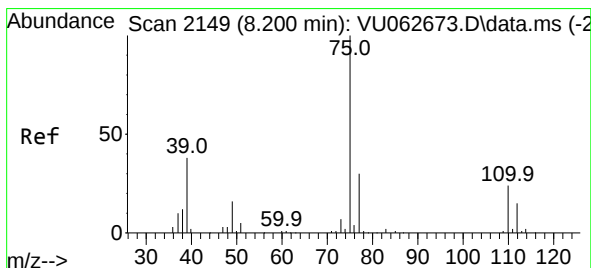
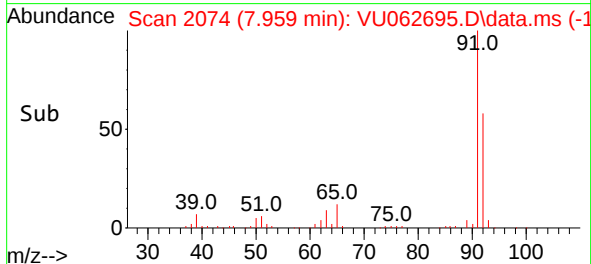
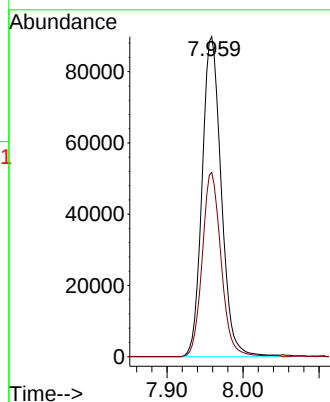
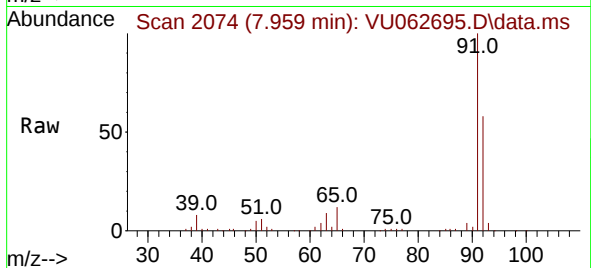
ClientSampleId :

Tgt Ion: 91 Resp: 157464

Ion Ratio Lower Upper

91 100

92 57.6 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 5.325 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. 0.000 min

Lab File: VU062695.D

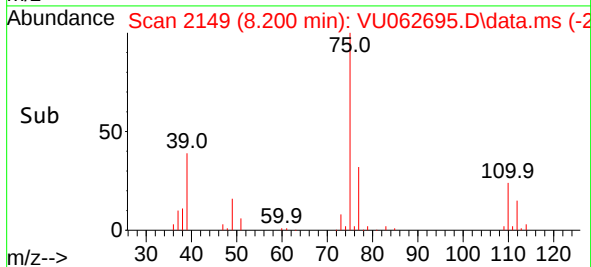
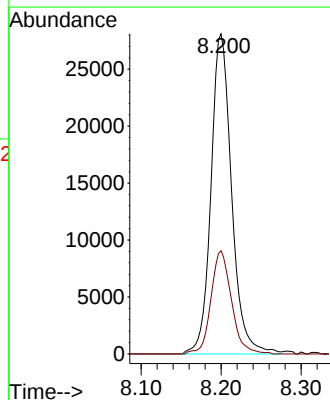
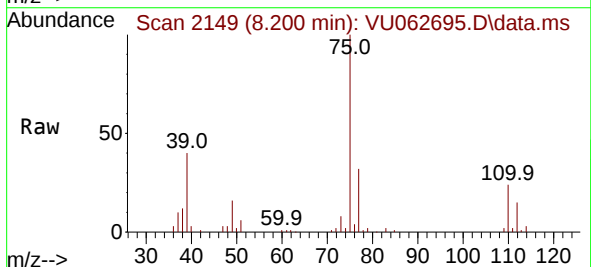
Acq: 10 Jan 2025 19:44

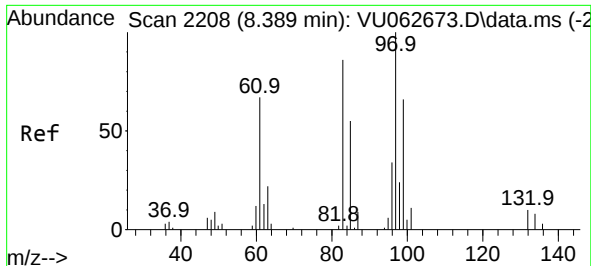
Tgt Ion: 75 Resp: 50307

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 5.320 ug/L

RT: 8.386 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU062695.D

Acq: 10 Jan 2025 19:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 27813

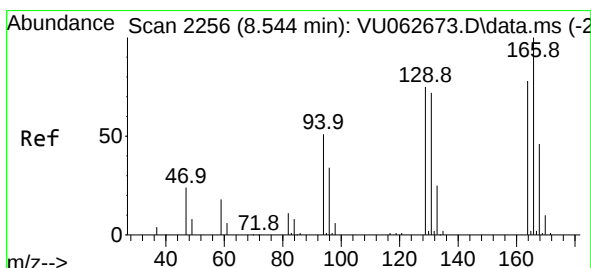
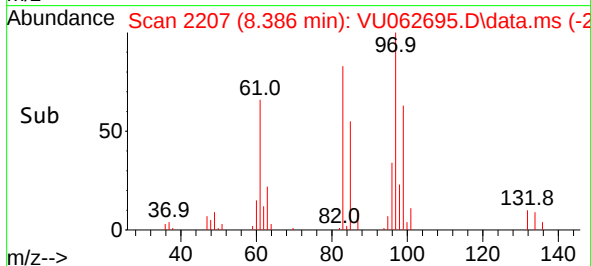
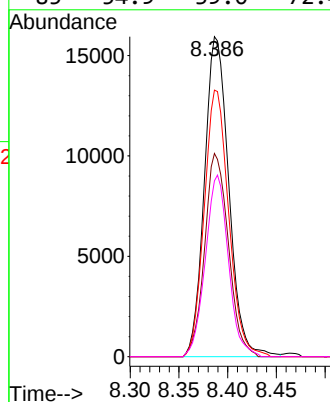
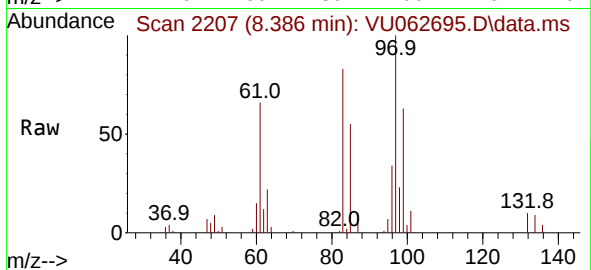
Ion Ratio Lower Upper

97 100

99 63.5 45.6 84.6

83 83.3 63.0 117.0

85 54.9 39.0 72.4



#47

Tetrachloroethene

Concen: 5.016 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU062695.D

Acq: 10 Jan 2025 19:44

Tgt Ion:164 Resp: 32206

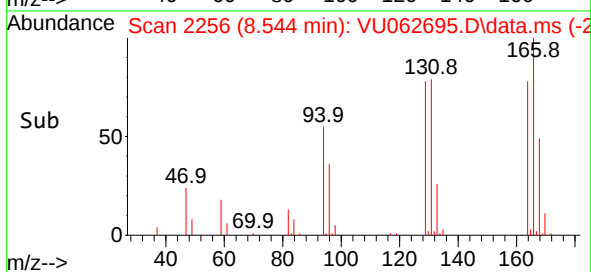
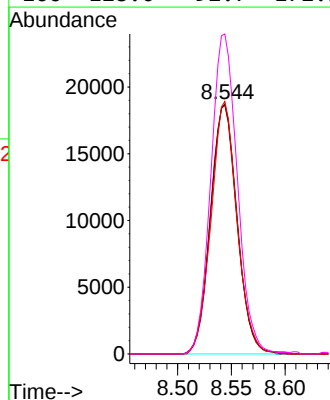
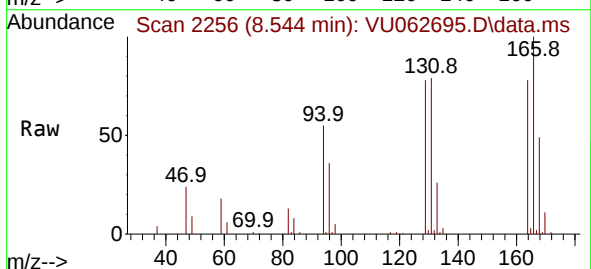
Ion Ratio Lower Upper

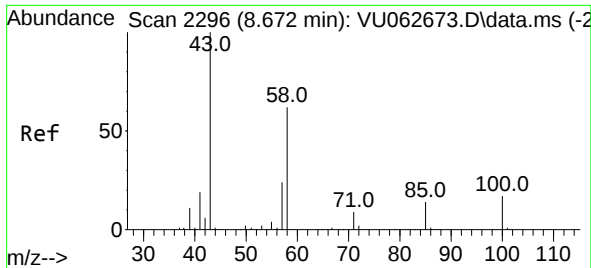
164 100

129 99.5 71.0 131.9

131 101.0 69.4 129.0

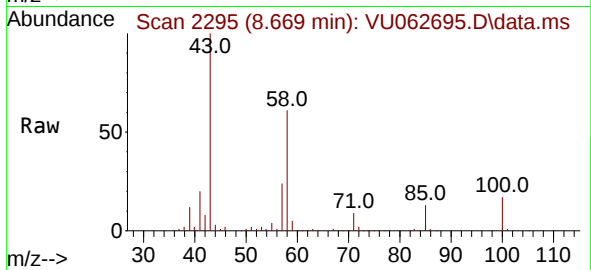
166 128.0 92.7 172.3



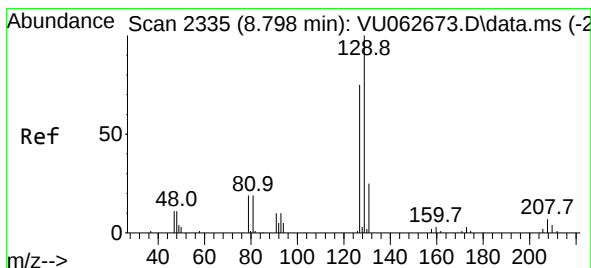
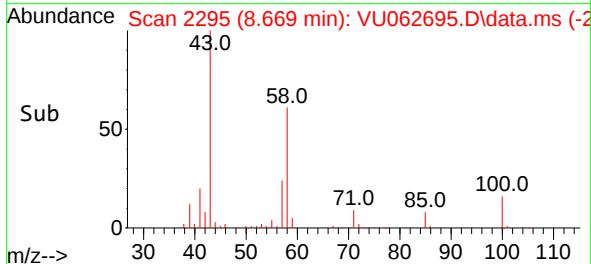
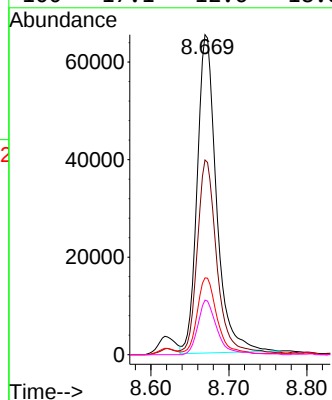


#48
2-Hexanone
Concen: 52.036 ug/L
RT: 8.669 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU062695.D
Acq: 10 Jan 2025 19:44

Instrument :
MSVOA_U
ClientSampleId :

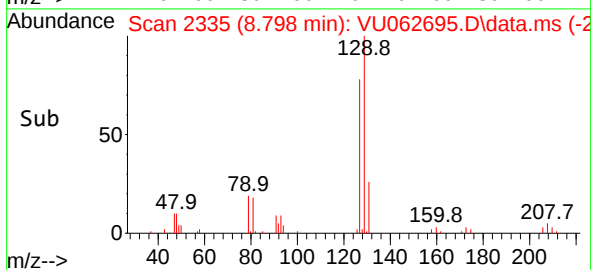
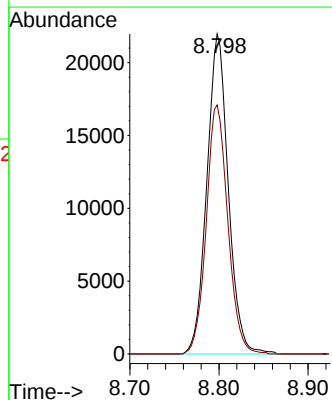
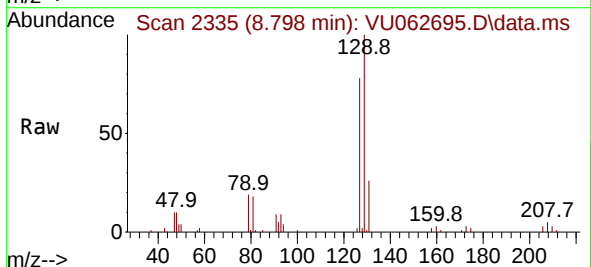


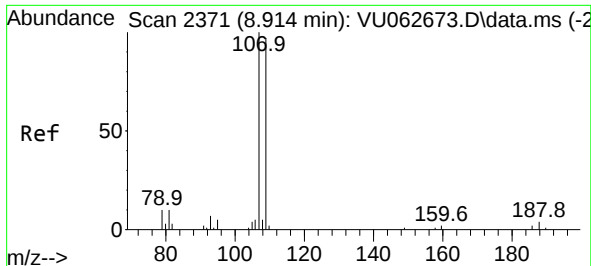
Tgt Ion:	43	Resp:	112489
Ion	Ratio	Lower	Upper
43	100		
58	61.8	50.2	75.4
57	24.4	19.9	29.9
100	17.1	12.6	18.8



#49
Dibromochloromethane
Concen: 5.230 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VU062695.D
Acq: 10 Jan 2025 19:44

Tgt Ion:	129	Resp:	36712
Ion	Ratio	Lower	Upper
129	100		
127	77.8	52.1	96.9





#50

1,2-Dibromoethane

Concen: 5.554 ug/L

RT: 8.914 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU062695.D

Acq: 10 Jan 2025 19:44

Instrument :

MSVOA_U

ClientSampleId :

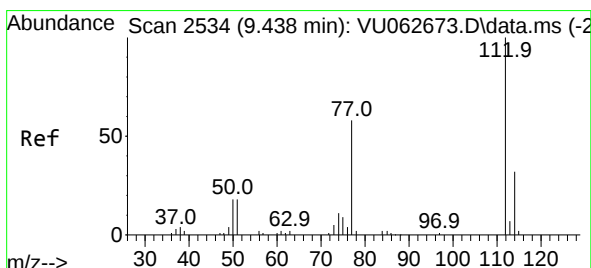
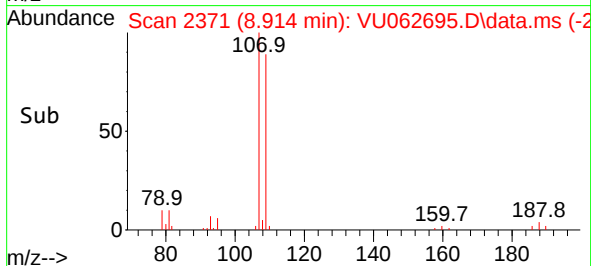
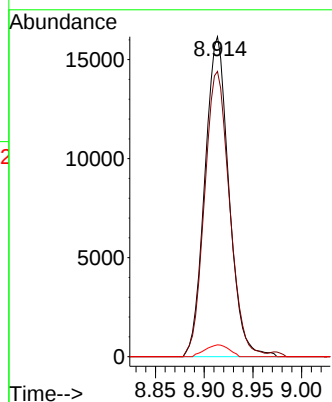
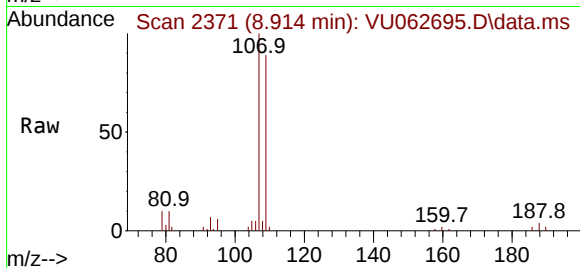
Tgt Ion:107 Resp: 27780

Ion Ratio Lower Upper

107 100

109 89.2 65.7 121.9

188 3.7 3.4 5.2



#51

Chlorobenzene

Concen: 5.138 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU062695.D

Acq: 10 Jan 2025 19:44

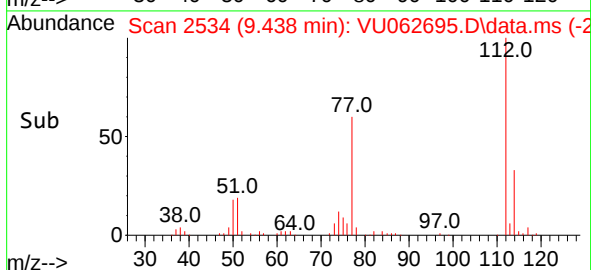
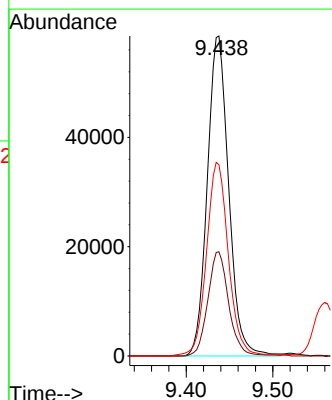
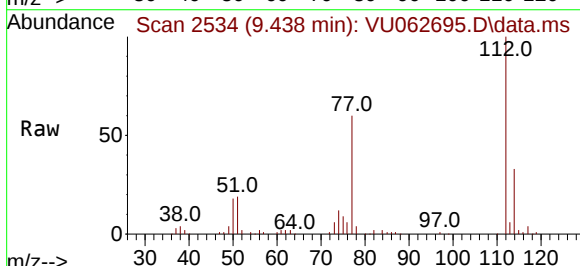
Tgt Ion:112 Resp: 100460

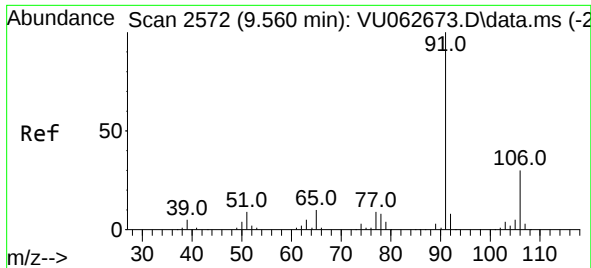
Ion Ratio Lower Upper

112 100

114 32.5 21.7 40.3

77 59.7 48.6 73.0

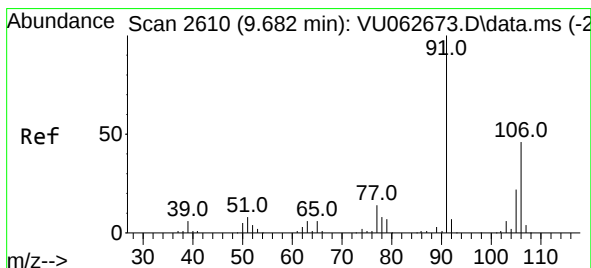
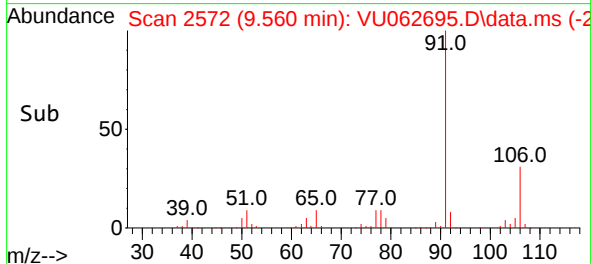
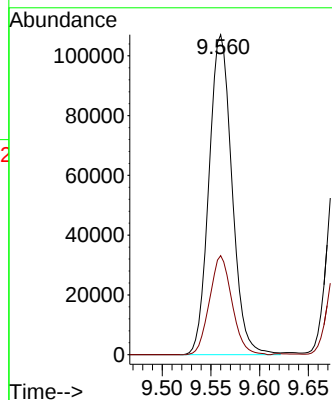
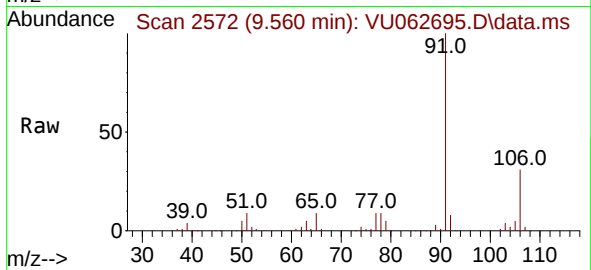




#52
Ethylbenzene
Concen: 5.179 ug/L
RT: 9.560 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062695.D
Acq: 10 Jan 2025 19:44

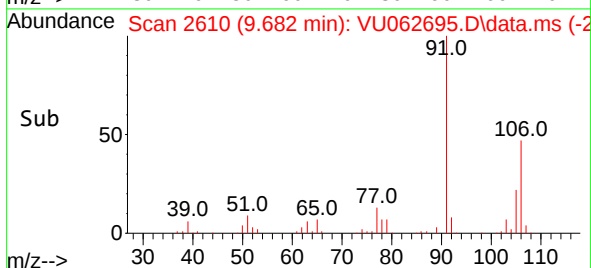
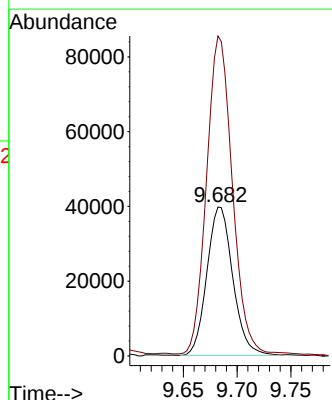
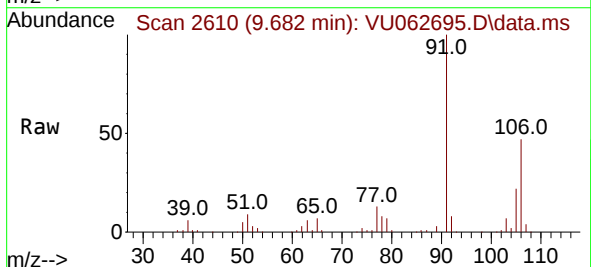
Instrument :
MSVOA_U
ClientSampleId :

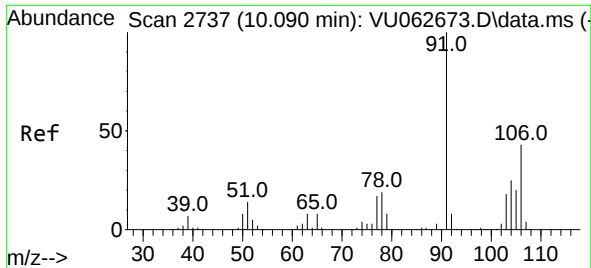
Tgt Ion: 91 Resp: 175736
Ion Ratio Lower Upper
91 100
106 30.9 21.9 40.7



#53
m,p-Xylene
Concen: 5.240 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. 0.000 min
Lab File: VU062695.D
Acq: 10 Jan 2025 19:44

Tgt Ion: 106 Resp: 66493
Ion Ratio Lower Upper
106 100
91 214.9 153.1 284.3

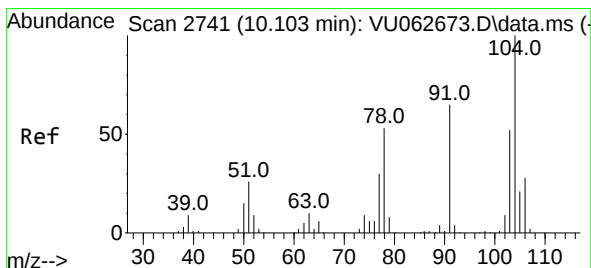
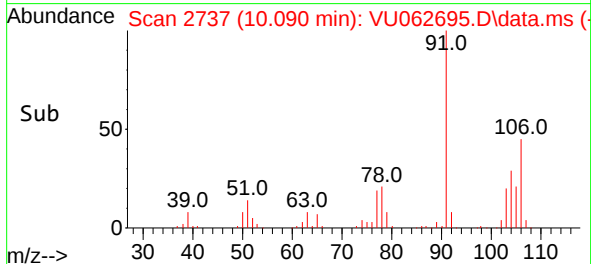
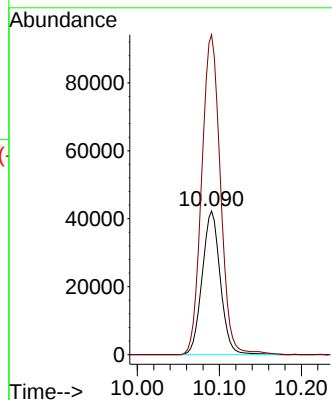
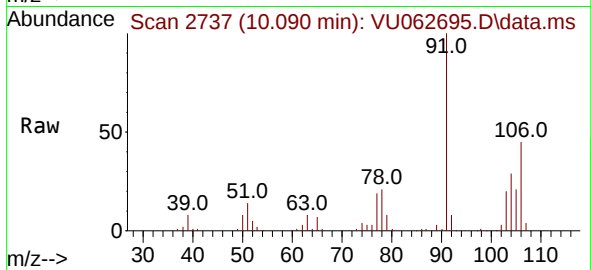




#54
o-Xylene
Concen: 5.348 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU062695.D
Acq: 10 Jan 2025 19:44

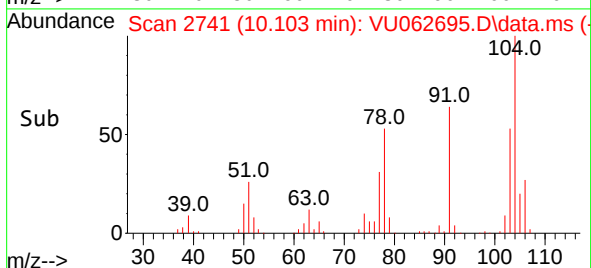
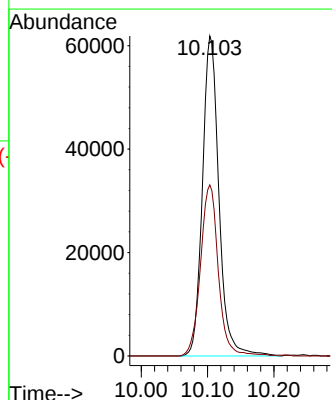
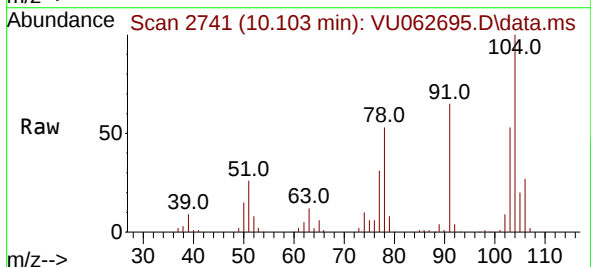
Instrument :
MSVOA_U
ClientSampleId :

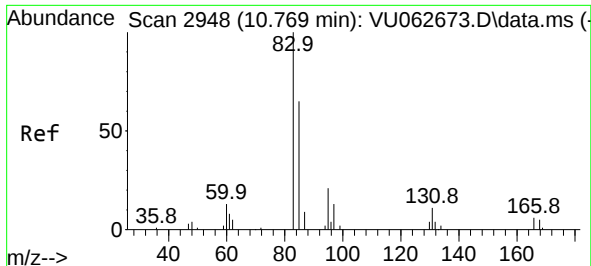
Tgt Ion:106 Resp: 65003
Ion Ratio Lower Upper
106 100
91 222.8 160.4 297.8



#55
Styrene
Concen: 5.256 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. 0.000 min
Lab File: VU062695.D
Acq: 10 Jan 2025 19:44

Tgt Ion:104 Resp: 106870
Ion Ratio Lower Upper
104 100
78 53.5 35.5 65.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.443 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU062695.D

Acq: 10 Jan 2025 19:44

Instrument :

MSVOA_U

ClientSampleId :

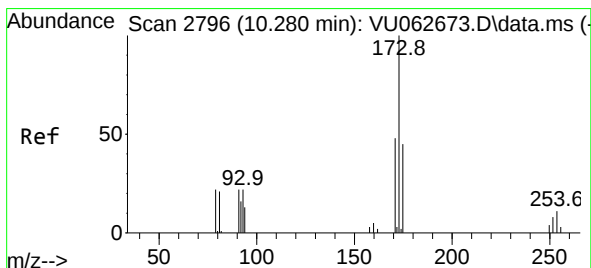
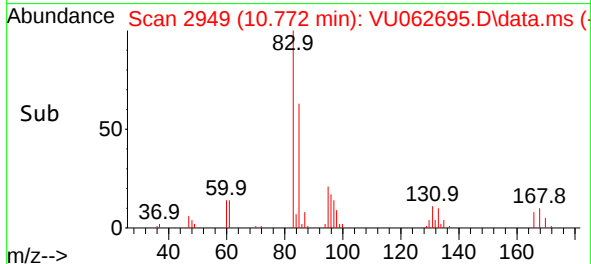
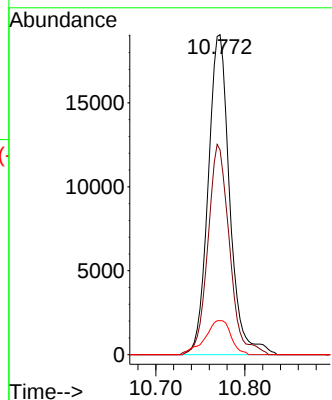
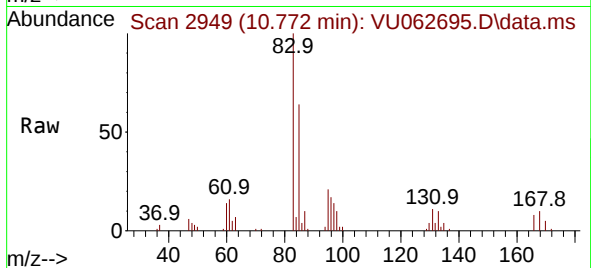
Tgt Ion: 83 Resp: 31923

Ion Ratio Lower Upper

83 100

85 64.0 43.0 79.8

131 10.7 7.4 11.0



#59

Bromoform

Concen: 5.367 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. 0.000 min

Lab File: VU062695.D

Acq: 10 Jan 2025 19:44

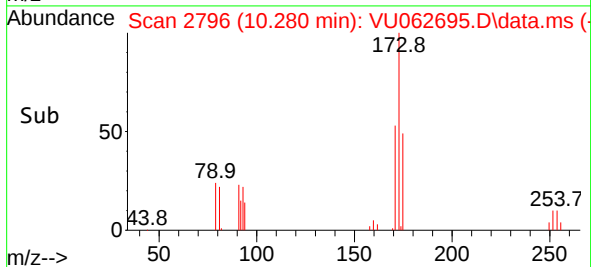
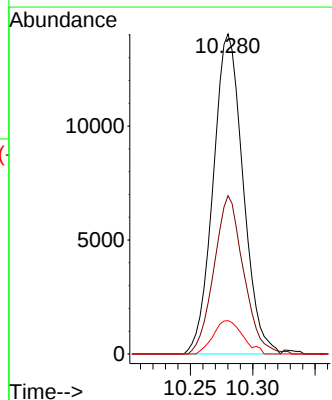
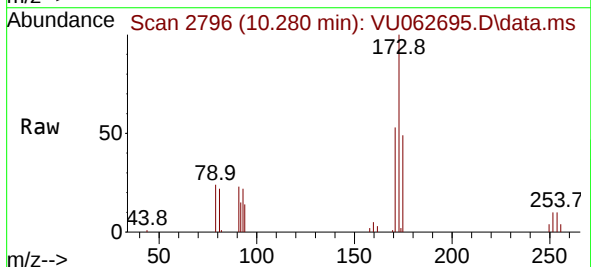
Tgt Ion:173 Resp: 23424

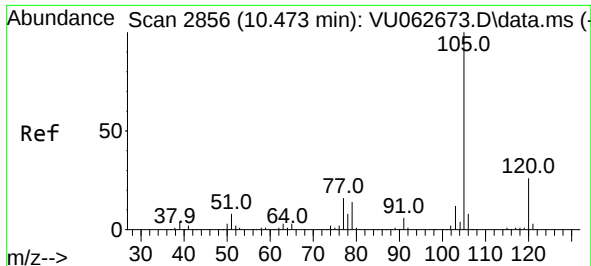
Ion Ratio Lower Upper

173 100

175 49.0 39.8 59.8

254 10.3 8.6 12.8

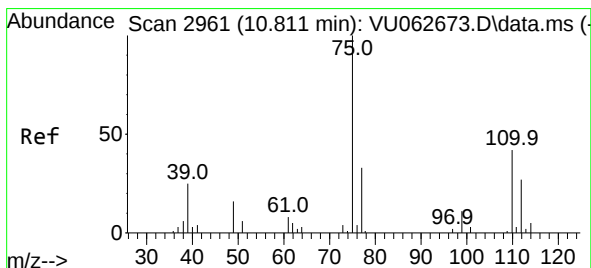
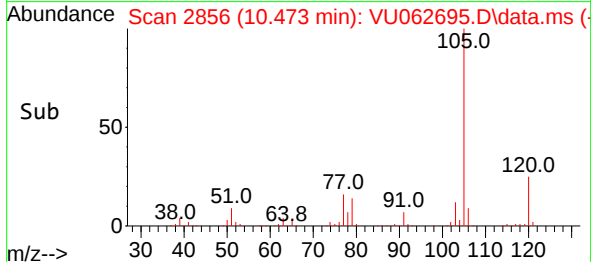
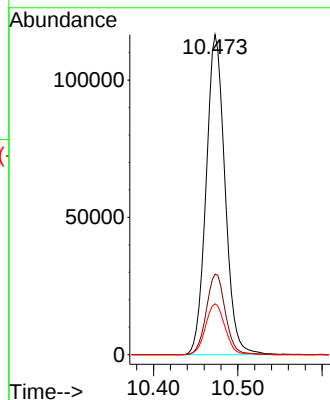
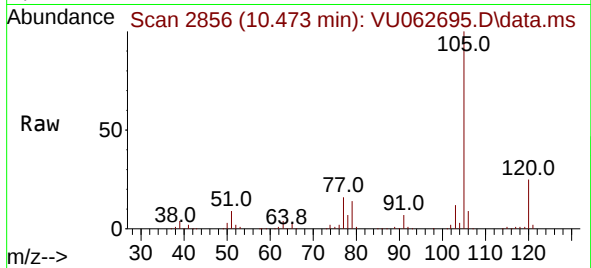




#60
Isopropylbenzene
Concen: 5.262 ug/L
RT: 10.473 min Scan# 2856
Delta R.T. 0.000 min
Lab File: VU062695.D
Acq: 10 Jan 2025 19:44

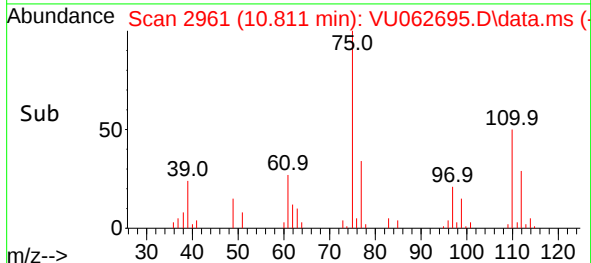
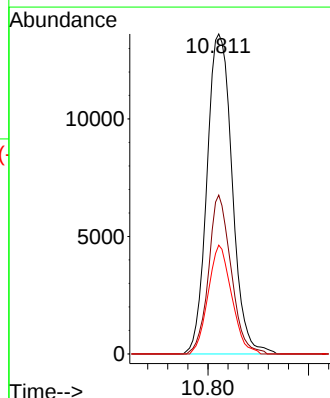
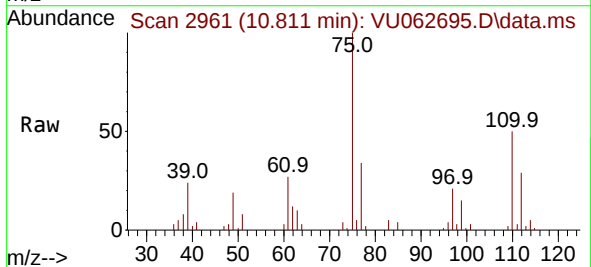
Instrument :
MSVOA_U
ClientSampleId :

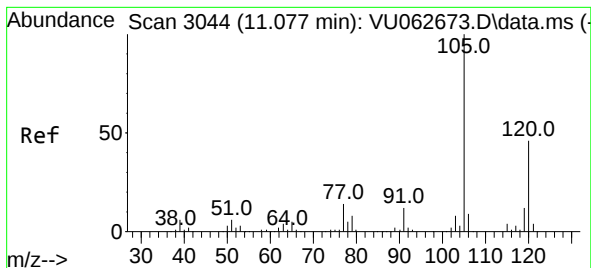
Tgt Ion:105 Resp: 181450
Ion Ratio Lower Upper
105 100
120 25.6 20.2 30.2
77 16.6 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 5.332 ug/L
RT: 10.811 min Scan# 2961
Delta R.T. 0.000 min
Lab File: VU062695.D
Acq: 10 Jan 2025 19:44

Tgt Ion: 75 Resp: 23666
Ion Ratio Lower Upper
75 100
110 44.4 33.2 49.8
77 31.7 25.9 38.9





#62

1,3,5-Trimethylbenzene

Concen: 5.379 ug/L

RT: 11.078 min Scan# 3044

Delta R.T. 0.000 min

Lab File: VU062695.D

Acq: 10 Jan 2025 19:44

Instrument :

MSVOA_U

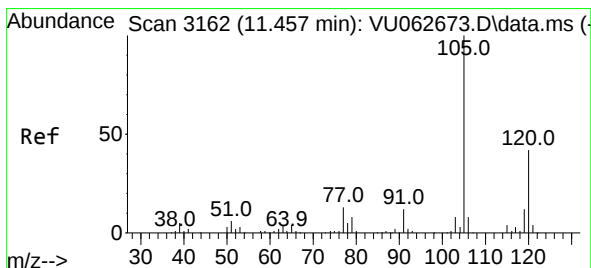
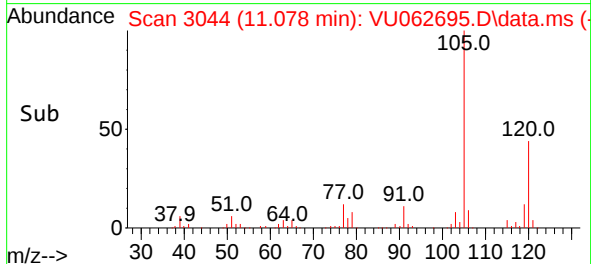
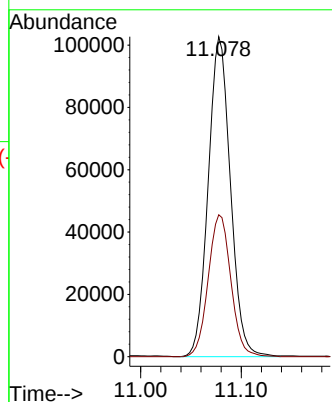
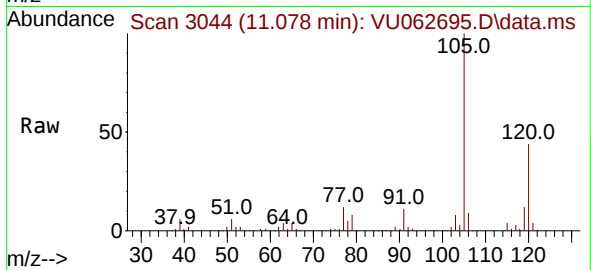
ClientSampleId :

Tgt Ion:105 Resp: 157636

Ion Ratio Lower Upper

105 100

120 45.2 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 5.373 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VU062695.D

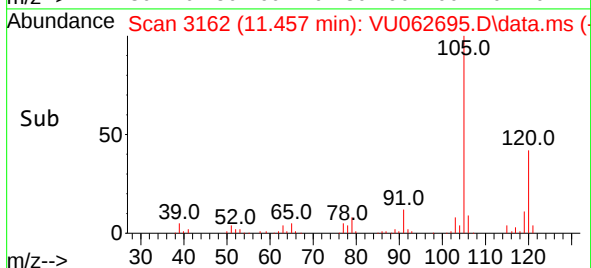
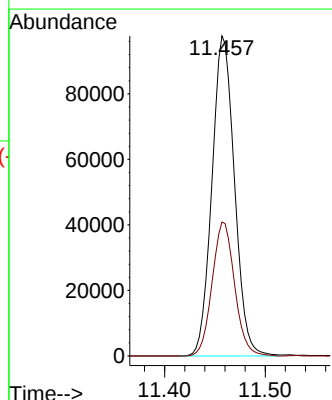
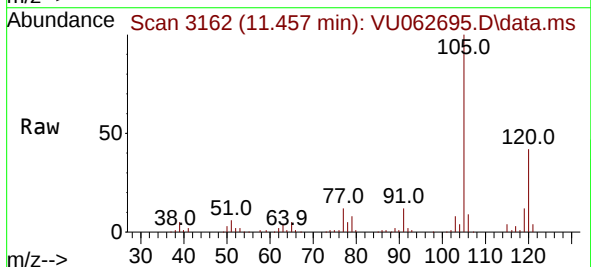
Acq: 10 Jan 2025 19:44

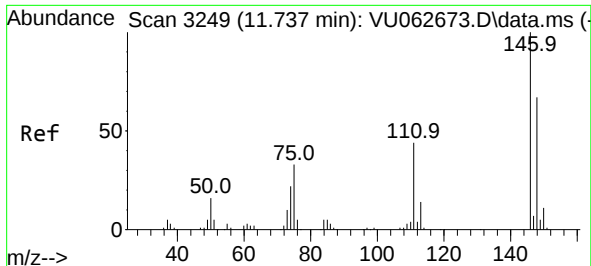
Tgt Ion:105 Resp: 152339

Ion Ratio Lower Upper

105 100

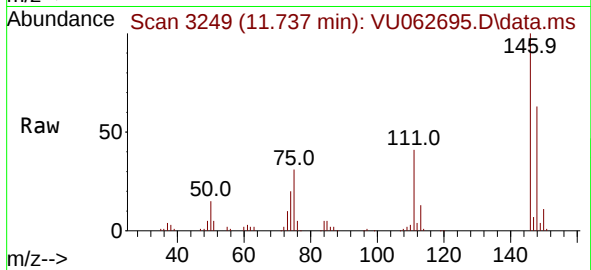
120 41.6 34.2 51.2



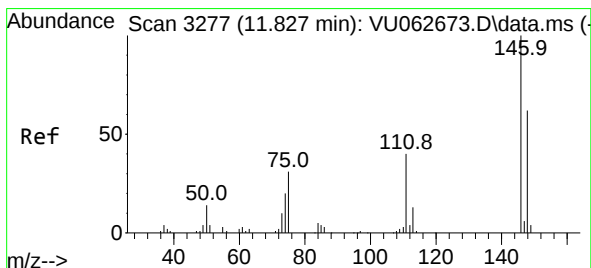
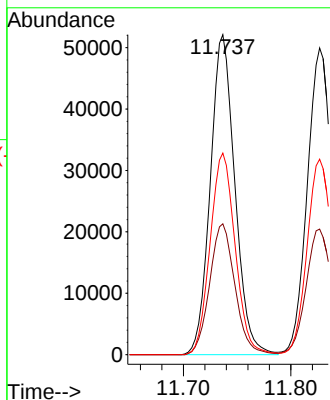
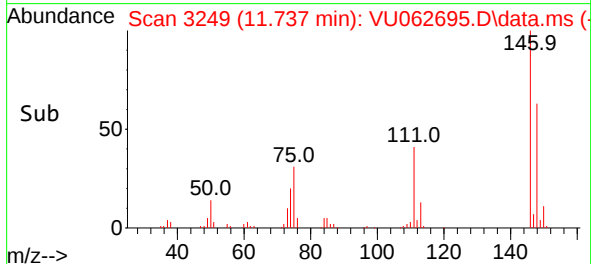


#64
1,3-Dichlorobenzene
Concen: 5.179 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU062695.D
Acq: 10 Jan 2025 19:44

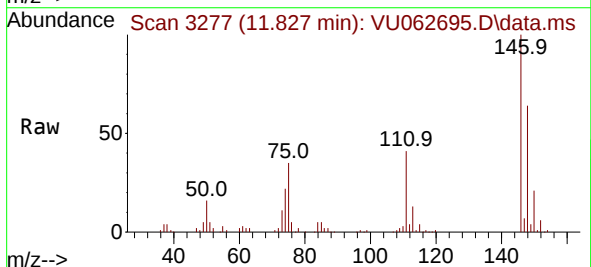
Instrument :
MSVOA_U
ClientSampleId :



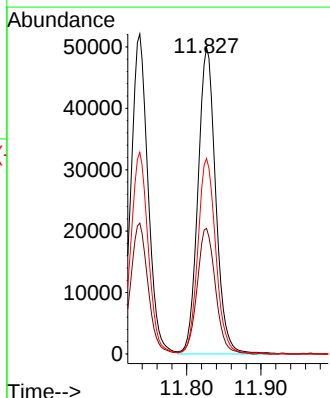
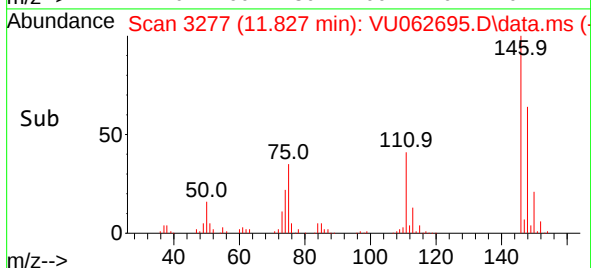
Tgt Ion:146 Resp: 82786
Ion Ratio Lower Upper
146 100
111 40.9 28.6 53.0
148 63.0 44.0 81.6

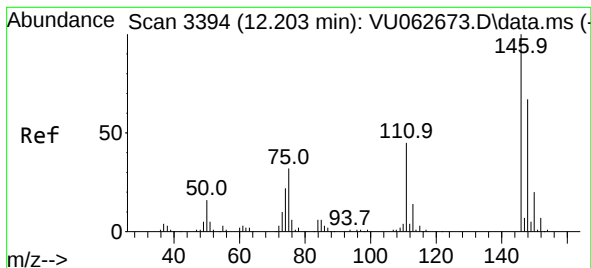


#65
1,4-Dichlorobenzene
Concen: 5.160 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU062695.D
Acq: 10 Jan 2025 19:44



Tgt Ion:146 Resp: 83178
Ion Ratio Lower Upper
146 100
111 41.0 29.5 54.9
148 63.7 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 5.122 ug/L

RT: 12.203 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU062695.D

Acq: 10 Jan 2025 19:44

Instrument :

MSVOA_U

ClientSampleId :

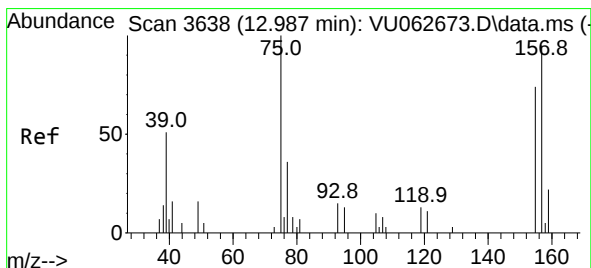
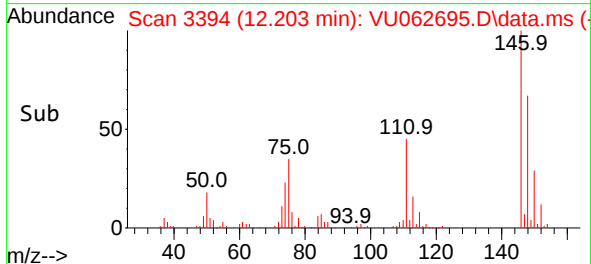
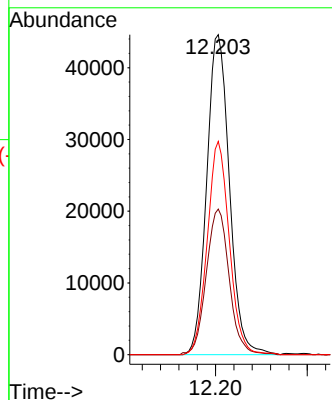
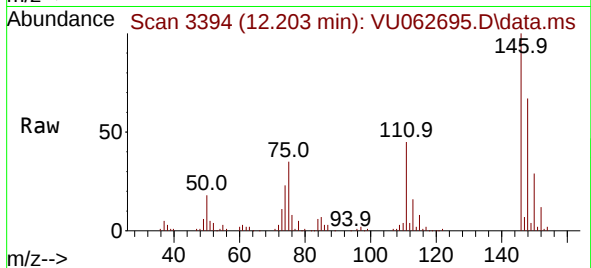
Tgt Ion:146 Resp: 76745

Ion Ratio Lower Upper

146 100

111 45.5 36.3 54.5

148 66.6 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.366 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU062695.D

Acq: 10 Jan 2025 19:44

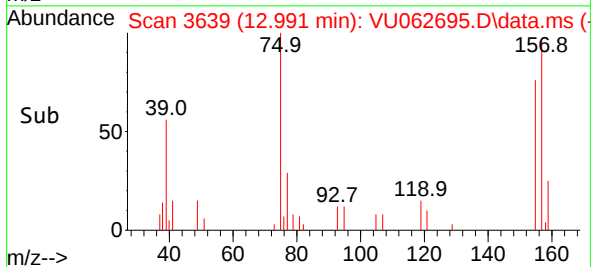
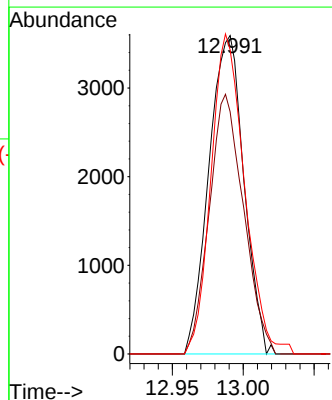
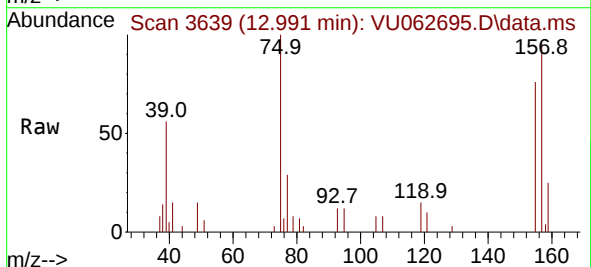
Tgt Ion: 75 Resp: 6169

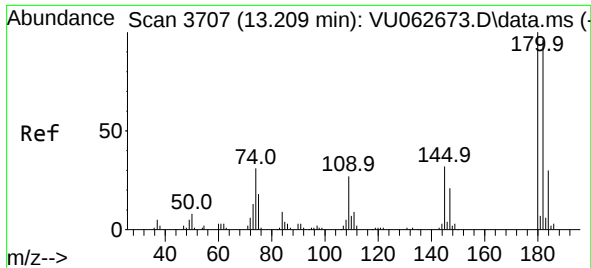
Ion Ratio Lower Upper

75 100

155 76.1 59.6 89.4

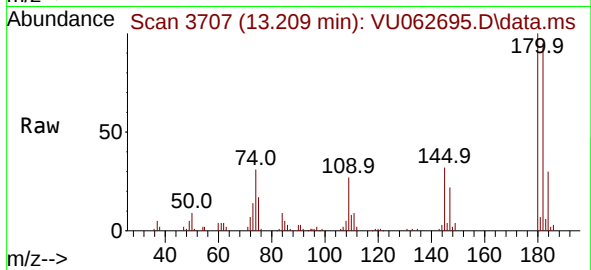
157 95.5 70.8 106.2



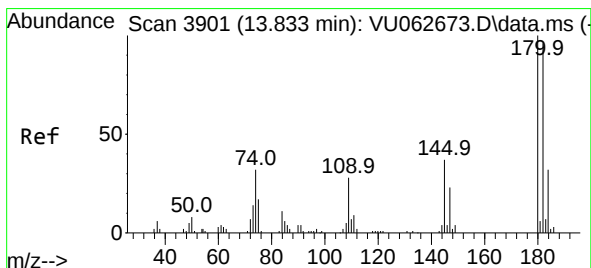
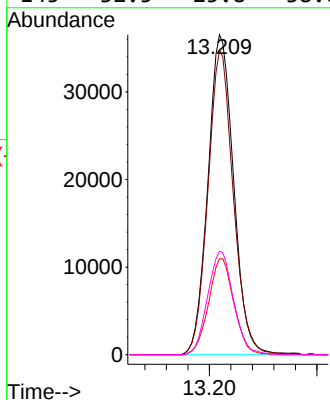
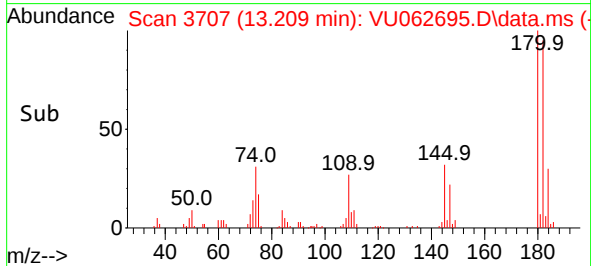


#69
1,3,5-Trichlorobenzene
Concen: 5.007 ug/L
RT: 13.209 min Scan# 3707
Delta R.T. 0.000 min
Lab File: VU062695.D
Acq: 10 Jan 2025 19:44

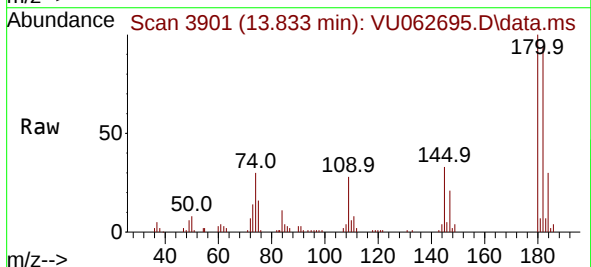
Instrument :
MSVOA_U
ClientSampleId :



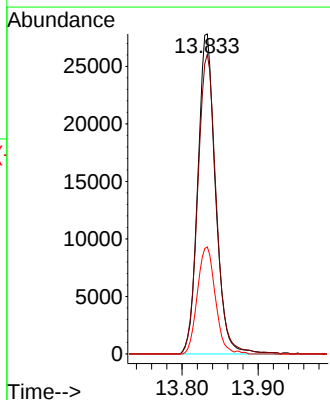
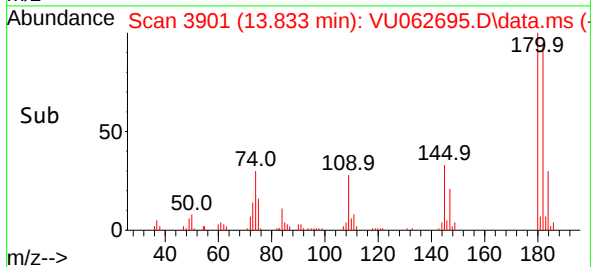
Tgt Ion:180 Resp: 60284
Ion Ratio Lower Upper
180 100
182 94.1 75.8 113.8
184 29.8 24.7 37.1
145 32.5 25.8 38.6

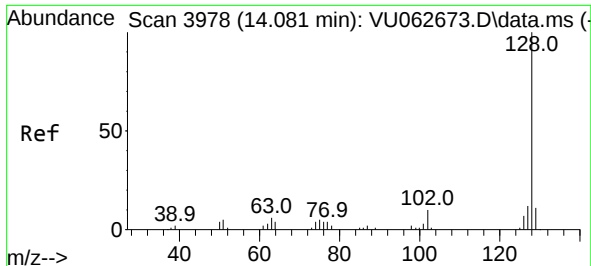


#70
1,2,4-trichlorobenzene
Concen: 4.635 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. 0.000 min
Lab File: VU062695.D
Acq: 10 Jan 2025 19:44



Tgt Ion:180 Resp: 44943
Ion Ratio Lower Upper
180 100
182 96.9 77.1 115.7
145 33.6 26.9 40.3

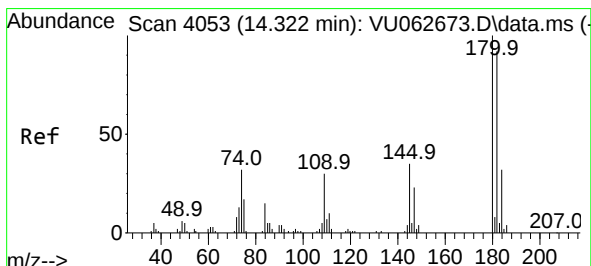
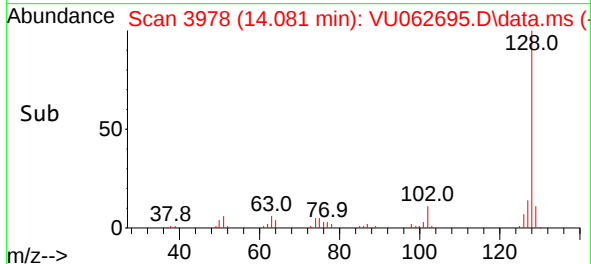
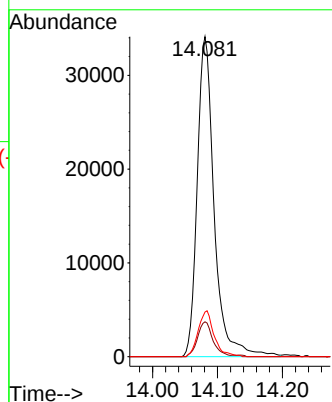
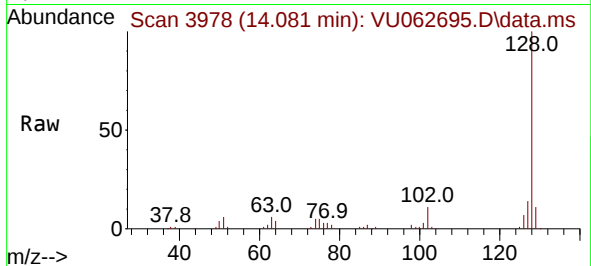




#71
Naphthalene
Concen: 4.368 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU062695.D
Acq: 10 Jan 2025 19:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 61968
Ion Ratio Lower Upper
128 100
129 9.9 8.5 12.7
127 13.5 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.564 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU062695.D
Acq: 10 Jan 2025 19:44

Tgt Ion:180 Resp: 38580
Ion Ratio Lower Upper
180 100
182 94.4 79.8 119.6
145 34.8 29.2 43.8

