

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062856.D
 Acq On : 17 Jan 2025 06:26
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 17 06:42:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 23:11:57 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	92197	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	88017	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	47456	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22722	4.450	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.898	69	18989	4.623	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.554	65	12111	4.578	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	4.602	46	52330	50.143	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.280%
24) Chloroform-d	5.049	84	60759	4.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.685	65	33954	4.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.711	84	102703	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.676	67	27541	4.617	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.888	98	101224	4.829	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	8.168	79	14315	4.814	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.618	63	45221	48.354	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.700%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	24677	4.939	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	38935	4.931	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	41327	4.705	ug/L	100
3) Chloromethane	1.515	50	24668	4.185	ug/L	97
5) Vinyl chloride	1.599	62	28548	4.301	ug/L	97
6) Bromomethane	1.837	94	15241	3.156	ug/L	94
8) Chloroethane	1.920	64	17995	4.513	ug/L	99
9) Trichlorofluoromethane	2.126	101	68026	5.081	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	31787	4.914	ug/L	99
12) 1,1-Dichloroethene	2.570	96	27153	4.744	ug/L	97
13) Acetone	2.611	43	38381	46.425	ug/L	99
14) Carbon disulfide	2.782	76	79215	4.333	ug/L	99
15) Methyl Acetate	2.936	43	9249	5.167	ug/L	96
16) Methylene chloride	3.029	84	29975	4.781	ug/L	93
17) Methyl tert-butyl Ether	3.348	73	80890	5.142	ug/L	98
18) trans-1,2-Dichloroethene	3.341	96	28160	4.593	ug/L	93
19) 1,1-Dichloroethane	3.853	63	52549	4.793	ug/L	92
21) 2-Butanone	4.682	43	55073	50.019	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	32844	4.919	ug/L	100
23) Bromochloromethane	4.959	128	15873	5.035	ug/L	90
25) Chloroform	5.071	83	66200	4.907	ug/L	96

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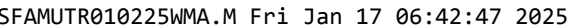
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 ClientSampleId :

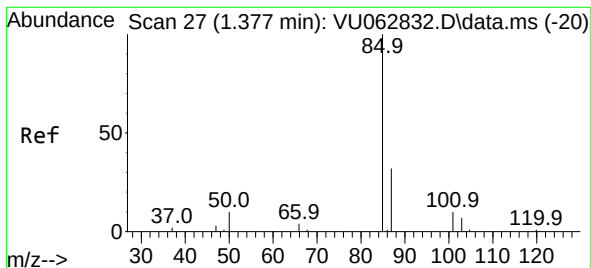
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	44451	5.038	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	65895	4.936	ug/L	99
30) Cyclohexane	5.373	56	38775	4.447	ug/L	92
31) Carbon tetrachloride	5.508	117	62361	5.083	ug/L	96
33) Benzene	5.759	78	119639	4.731	ug/L	100
34) Trichloroethene	6.528	95	35775	4.141	ug/L	96
35) Methylcyclohexane	6.750	83	46495	4.374	ug/L	98
37) 1,2-Dichloropropane	6.775	63	28144	4.718	ug/L #	94
38) Bromodichloromethane	7.094	83	48402	5.045	ug/L	98
39) cis-1,3-Dichloropropene	7.595	75	47038	4.631	ug/L	99
40) 4-Methyl-2-pentanone	7.775	43	134532	48.278	ug/L	96
42) Toluene	7.959	91	136982	4.943	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	42261	4.827	ug/L	98
45) 1,1,2-Trichloroethane	8.386	97	23828	4.918	ug/L	96
47) Tetrachloroethene	8.541	164	28983	4.871	ug/L	92
48) 2-Hexanone	8.669	43	101511	50.670	ug/L	94
49) Dibromochloromethane	8.798	129	33448	5.142	ug/L	92
50) 1,2-Dibromoethane	8.910	107	24517	5.289	ug/L	95
51) Chlorobenzene	9.434	112	90431	4.990	ug/L	98
52) Ethylbenzene	9.560	91	156899	4.990	ug/L	98
53) m,p-Xylene	9.682	106	59748	5.080	ug/L	99
54) o-Xylene	10.090	106	57804	5.132	ug/L	96
55) Styrene	10.103	104	96965	5.146	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.769	83	28460	5.236	ug/L #	94
59) Bromoform	10.280	173	21041	5.083	ug/L	98
60) Isopropylbenzene	10.473	105	161317	4.933	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	21095	5.011	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	139917	5.034	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	135314	5.032	ug/L	100
64) 1,3-Dichlorobenzene	11.733	146	75342	4.969	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	74889	4.898	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	69795	4.912	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	5455	5.003	ug/L	99
69) 1,3,5-Trichlorobenzene	13.209	180	53553	4.690	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	38493	4.186	ug/L	97
71) Naphthalene	14.080	128	47761	3.549	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	32609	4.068	ug/L	94

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

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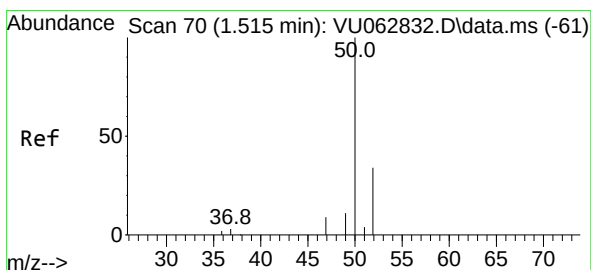
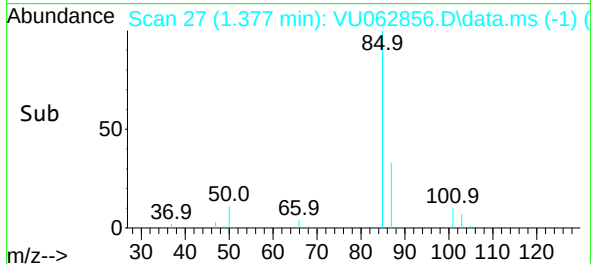
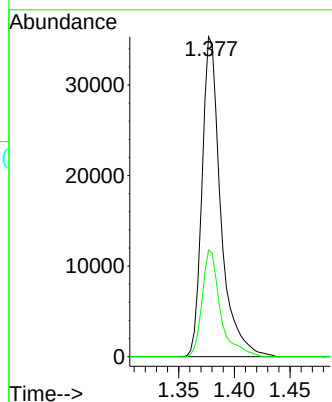
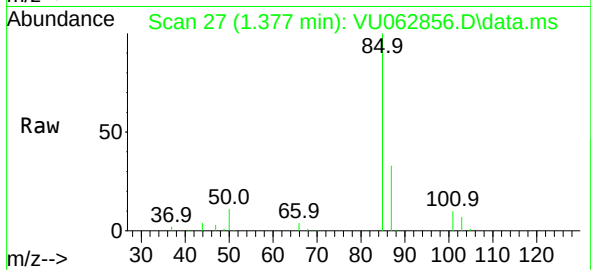




#2
 Dichlorodifluoromethane
 Concen: 4.705 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU062856.D
 Acq: 17 Jan 2025 06:26

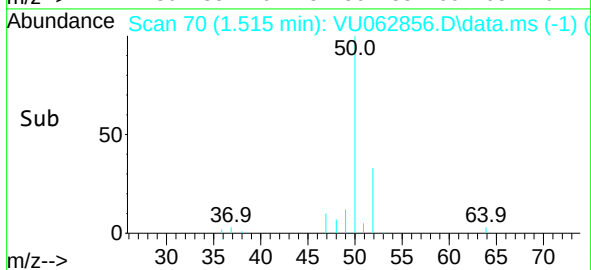
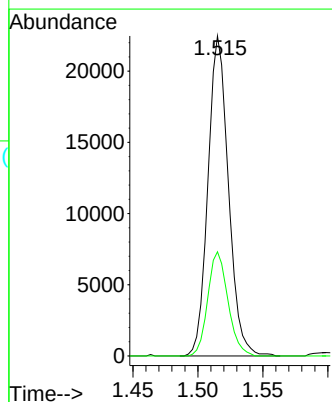
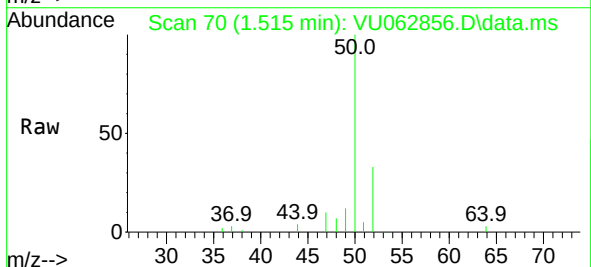
Instrument :
 MSVOA_U
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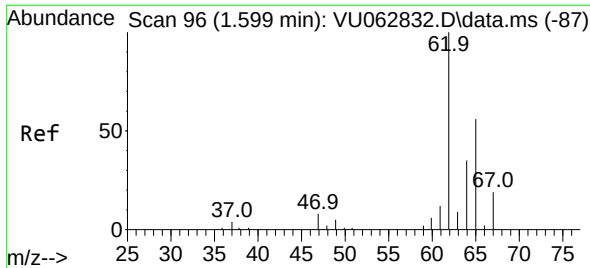
Tgt Ion: 85 Resp: 41327
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.1 39.1



#3
 Chloromethane
 Concen: 4.185 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU062856.D
 Acq: 17 Jan 2025 06:26

Tgt Ion: 50 Resp: 24668
 Ion Ratio Lower Upper
 50 100
 52 32.5 24.1 44.7

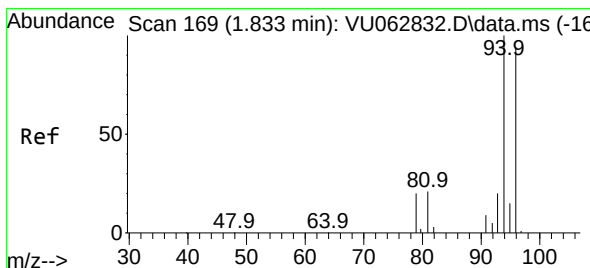
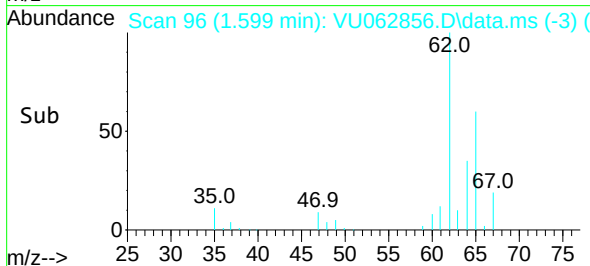
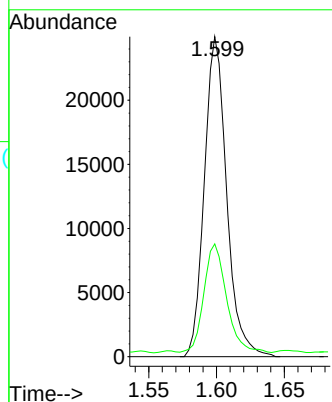
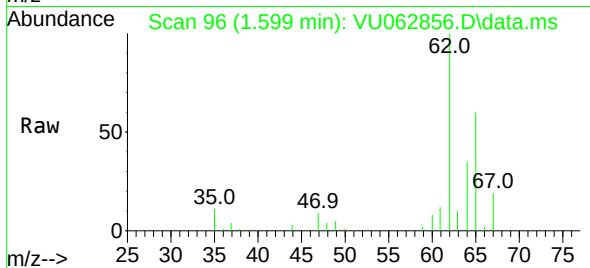




#5
Vinyl chloride
Concen: 4.301 ug/L
RT: 1.599 min Scan# 90
Delta R.T. 0.000 min
Lab File: VU062856.D
Acq: 17 Jan 2025 06:26

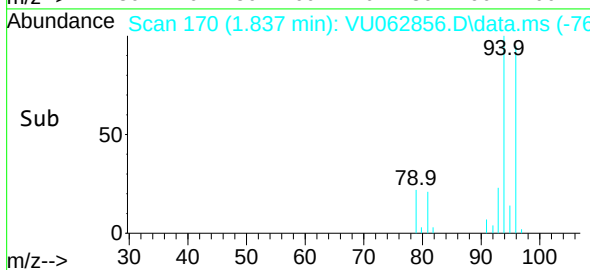
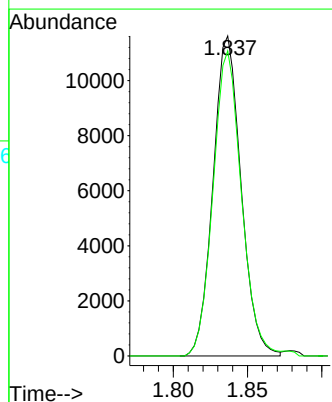
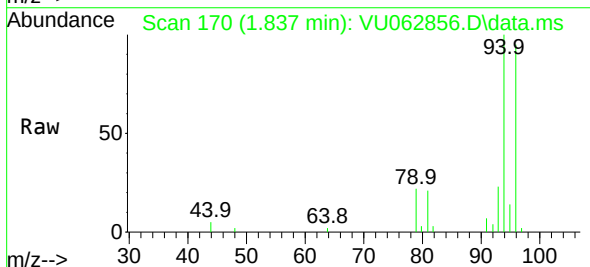
Instrument :
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ClientSampleId :

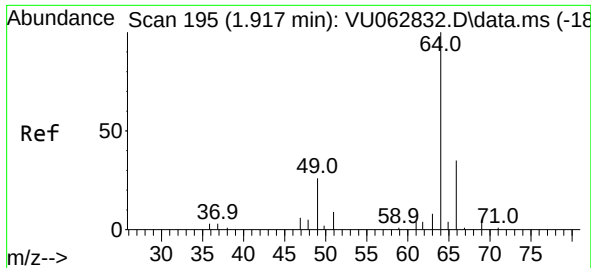
Tgt Ion: 62 Resp: 28548
Ion Ratio Lower Upper
62 100
64 35.2 23.4 43.4



#6
Bromomethane
Concen: 3.156 ug/L
RT: 1.837 min Scan# 170
Delta R.T. 0.003 min
Lab File: VU062856.D
Acq: 17 Jan 2025 06:26

Tgt Ion: 94 Resp: 15241
Ion Ratio Lower Upper
94 100
96 95.4 62.9 116.7

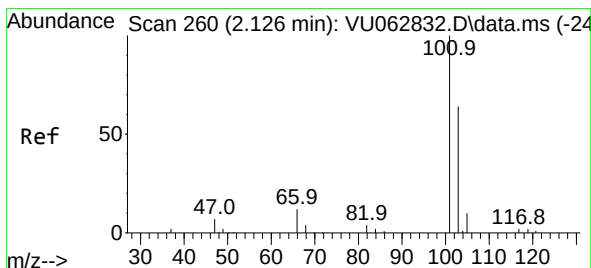
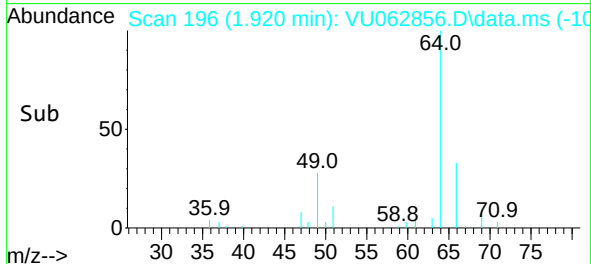
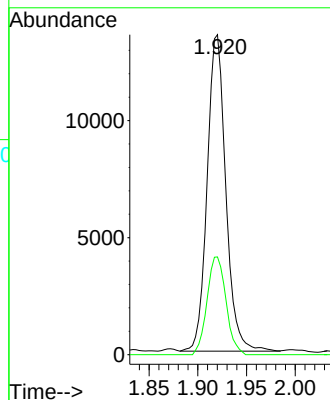
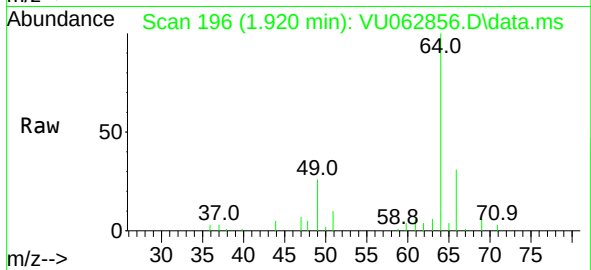




#8
Chloroethane
Concen: 4.513 ug/L
RT: 1.920 min Scan# 19
Delta R.T. 0.003 min
Lab File: VU062856.D
Acq: 17 Jan 2025 06:26

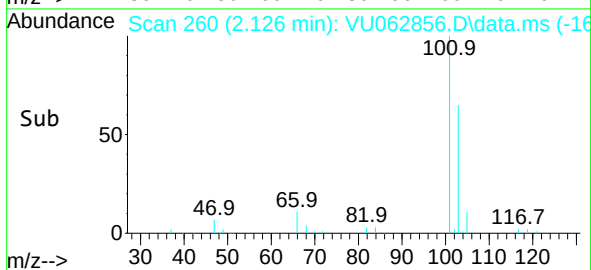
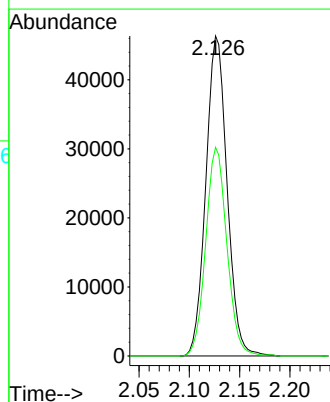
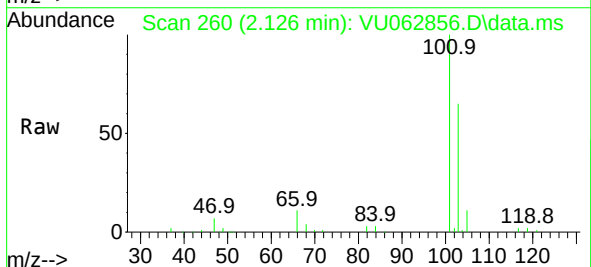
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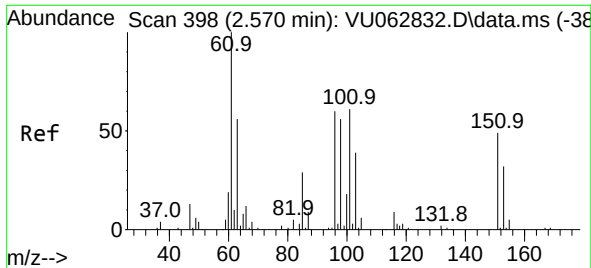
Tgt Ion: 64 Resp: 17995
Ion Ratio Lower Upper
64 100
66 30.6 21.6 40.2



#9
Trichlorofluoromethane
Concen: 5.081 ug/L
RT: 2.126 min Scan# 260
Delta R.T. 0.000 min
Lab File: VU062856.D
Acq: 17 Jan 2025 06:26

Tgt Ion:101 Resp: 68026
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.0

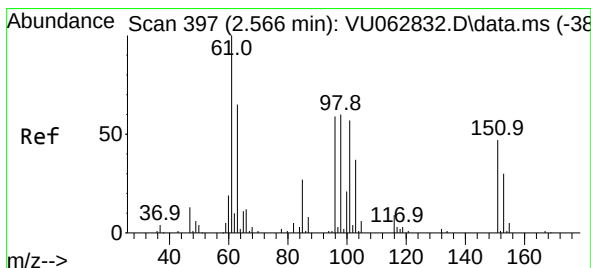
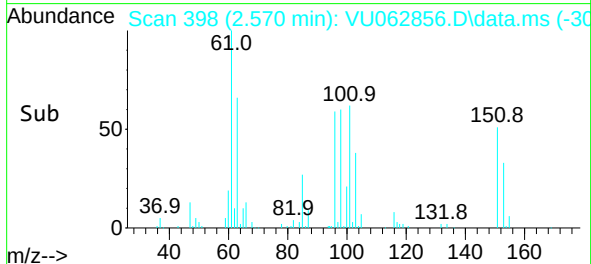
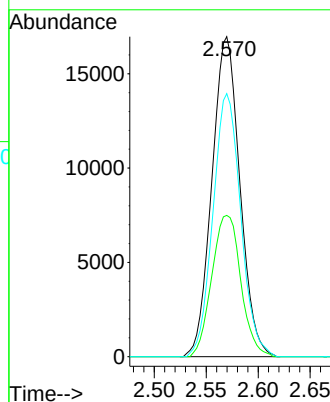
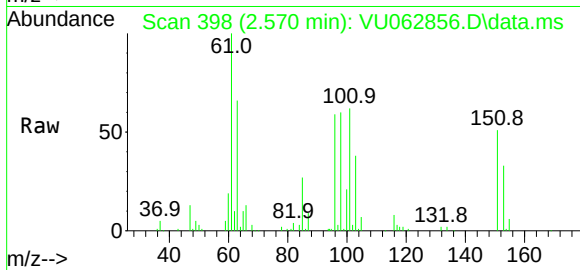




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.914 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU062856.D
 Acq: 17 Jan 2025 06:26

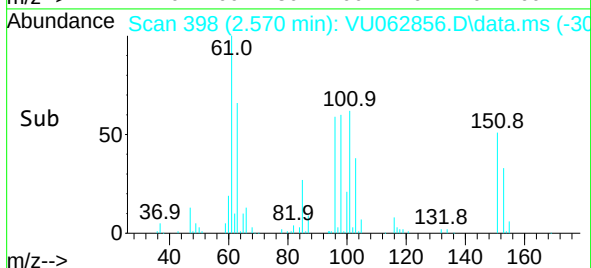
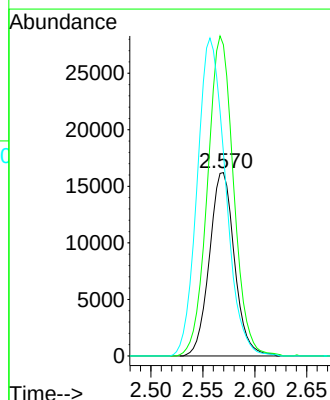
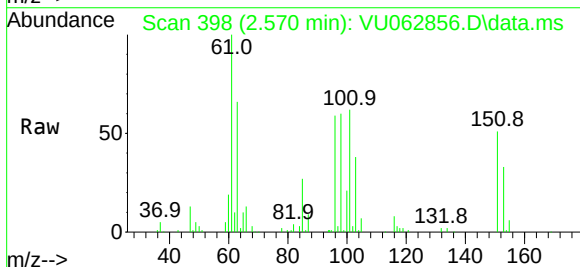
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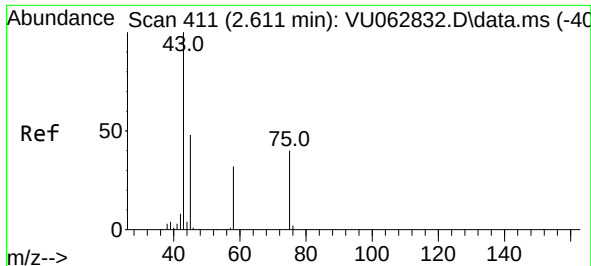
Tgt Ion: 101 Resp: 31787
 Ion Ratio Lower Upper
 101 100
 85 45.8 37.0 55.6
 151 81.6 64.4 96.6



#12
 1,1-Dichloroethene
 Concen: 4.744 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.003 min
 Lab File: VU062856.D
 Acq: 17 Jan 2025 06:26

Tgt Ion: 96 Resp: 27153
 Ion Ratio Lower Upper
 96 100
 61 169.7 120.4 223.6
 63 111.2 82.3 152.9





#13

Acetone

Concen: 46.425 ug/L

RT: 2.611 min Scan# 411

Delta R.T. 0.000 min

Lab File: VU062856.D

Acq: 17 Jan 2025 06:26

Instrument :

MSVOA_U

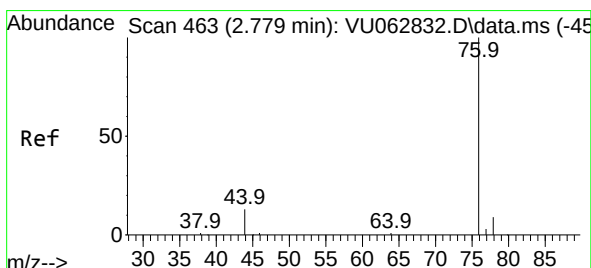
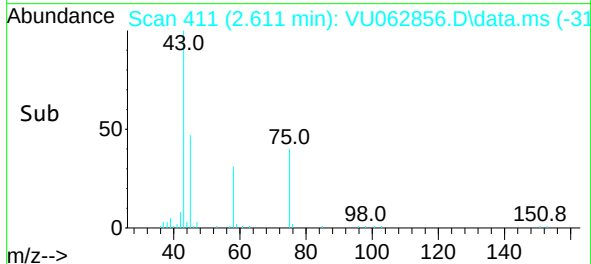
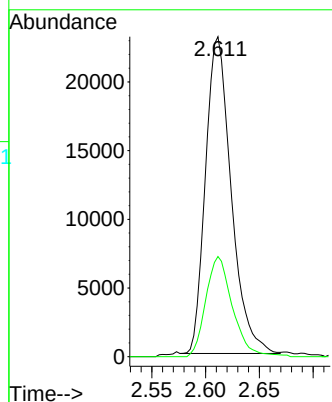
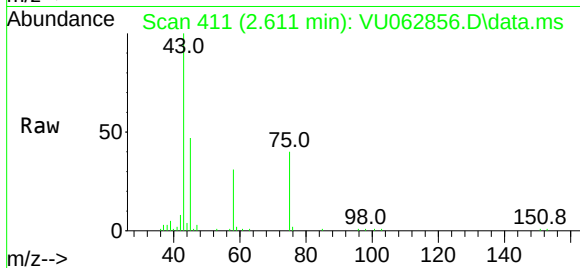
ClientSampleId :

Tgt Ion: 43 Resp: 38381

Ion Ratio Lower Upper

43 100

58 32.7 0.0 64.4



#14

Carbon disulfide

Concen: 4.333 ug/L

RT: 2.782 min Scan# 464

Delta R.T. 0.003 min

Lab File: VU062856.D

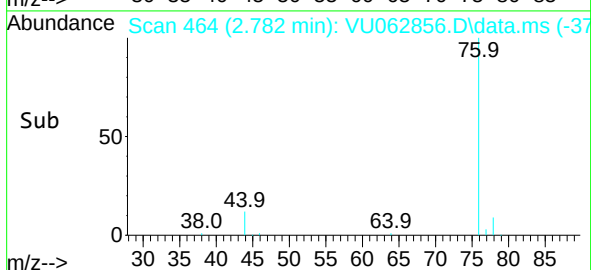
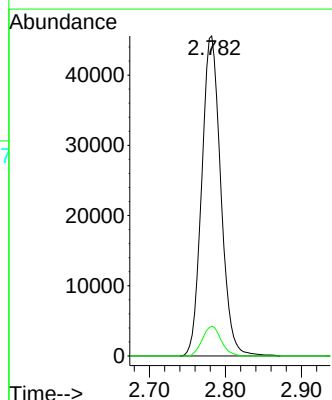
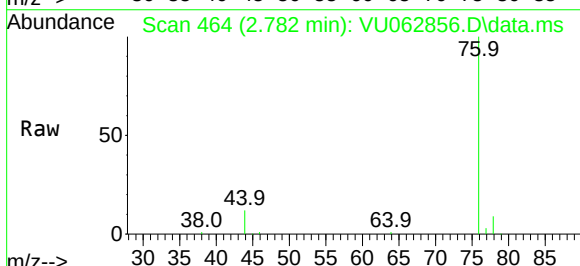
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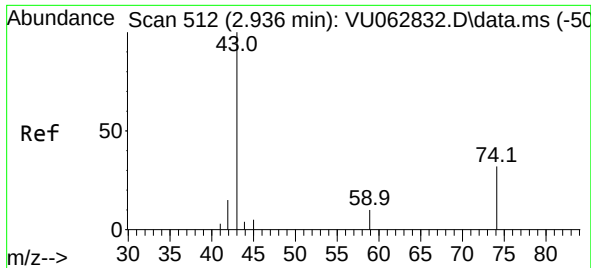
Tgt Ion: 76 Resp: 79215

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6

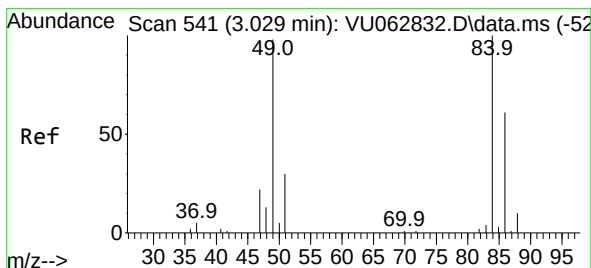
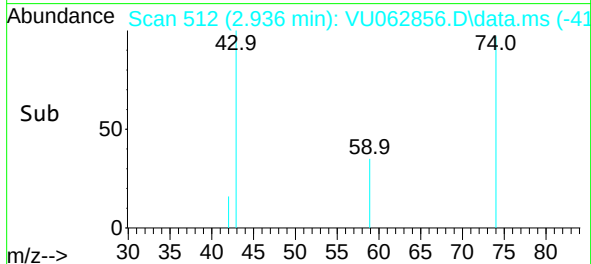
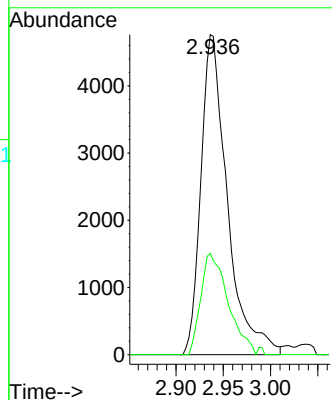
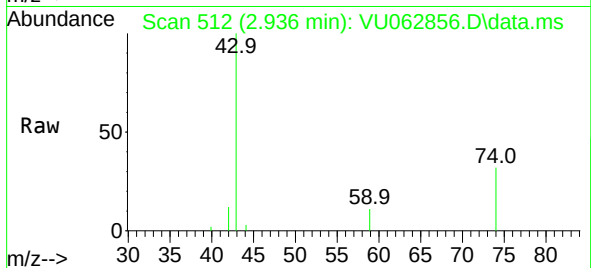




#15
Methyl Acetate
Concen: 5.167 ug/L
RT: 2.936 min Scan# 512
Delta R.T. 0.000 min
Lab File: VU062856.D
Acq: 17 Jan 2025 06:26

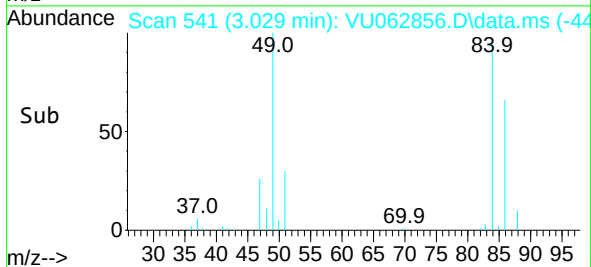
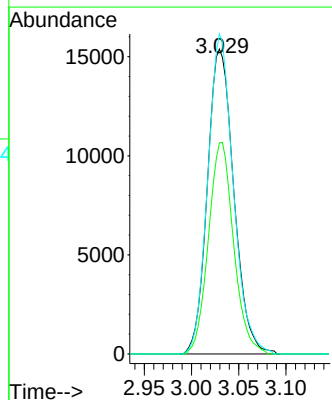
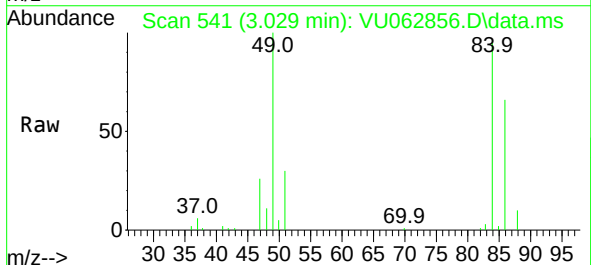
Instrument :
MSVOA_U
ClientSampleId :

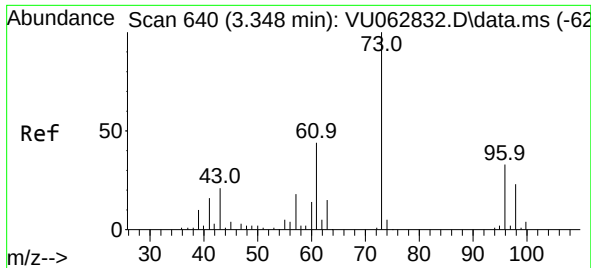
Tgt Ion: 43 Resp: 9249
Ion Ratio Lower Upper
43 100
74 32.7 24.4 36.6



#16
Methylene chloride
Concen: 4.781 ug/L
RT: 3.029 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU062856.D
Acq: 17 Jan 2025 06:26

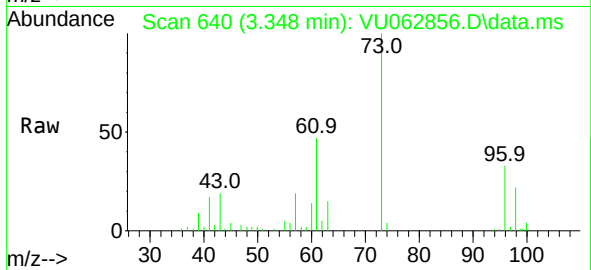
Tgt Ion: 84 Resp: 29975
Ion Ratio Lower Upper
84 100
86 69.2 44.7 83.1
49 104.9 68.3 126.9



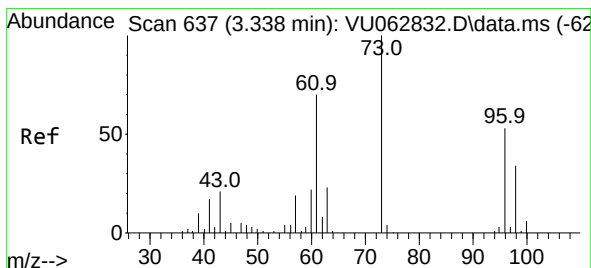
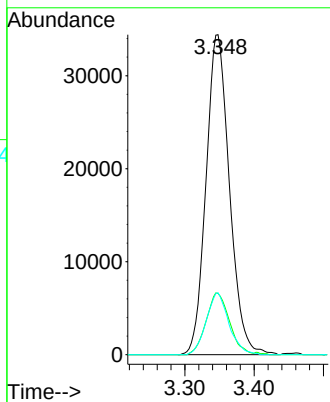
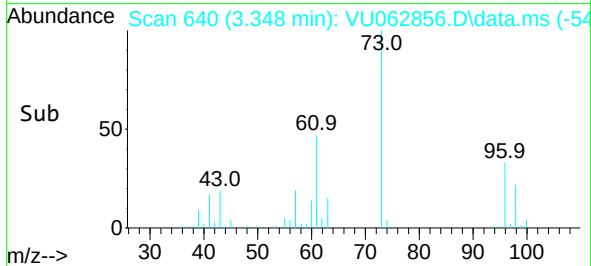


#17
Methyl tert-butyl Ether
Concen: 5.142 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU062856.D
Acq: 17 Jan 2025 06:26

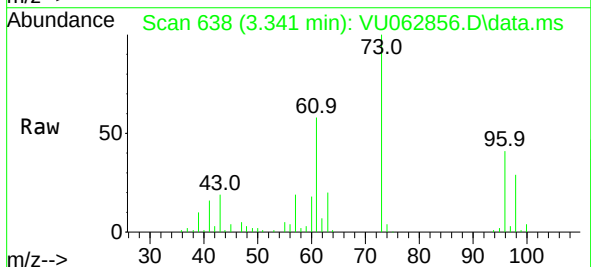
Instrument :
MSVOA_U
ClientSampleId :



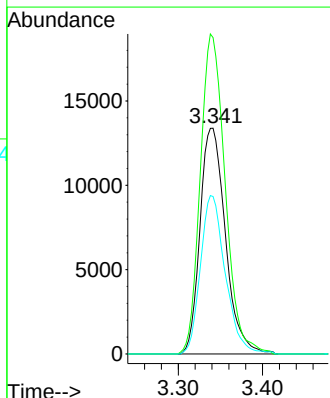
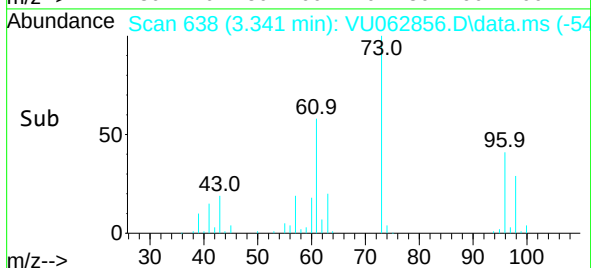
Tgt Ion: 73	Resp: 80890
Ion Ratio	Lower Upper
73	100
43	19.2 16.2 24.4
57	18.6 14.6 22.0

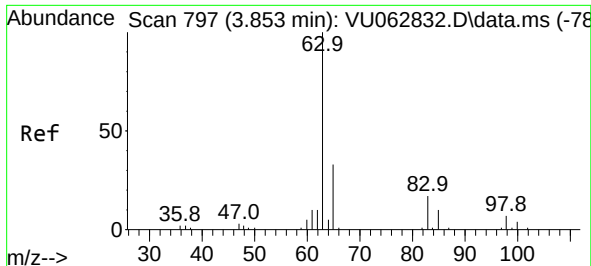


#18
trans-1,2-Dichloroethene
Concen: 4.593 ug/L
RT: 3.341 min Scan# 638
Delta R.T. 0.003 min
Lab File: VU062856.D
Acq: 17 Jan 2025 06:26



Tgt Ion: 96	Resp: 28160
Ion Ratio	Lower Upper
96	100
61	140.1 94.4 175.2
98	69.7 42.8 79.4





#19

1,1-Dichloroethane

Concen: 4.793 ug/L

RT: 3.853 min Scan# 797

Delta R.T. 0.000 min

Lab File: VU062856.D

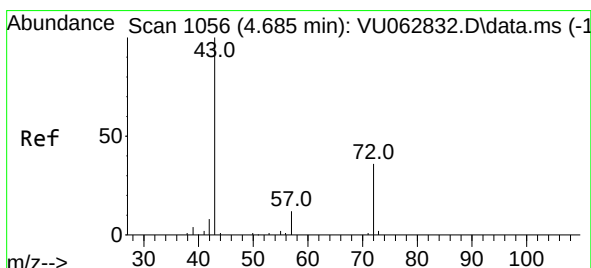
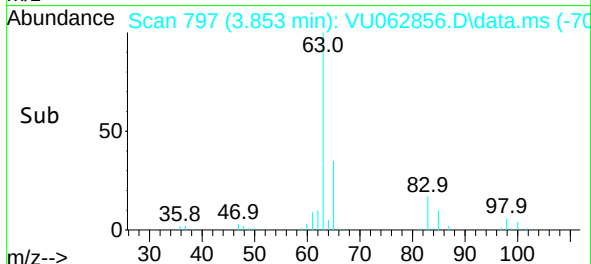
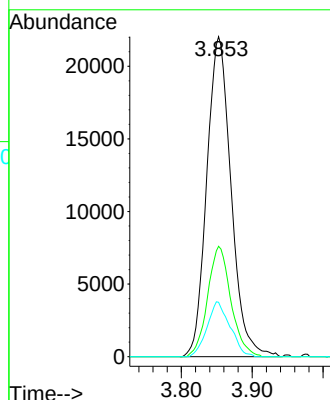
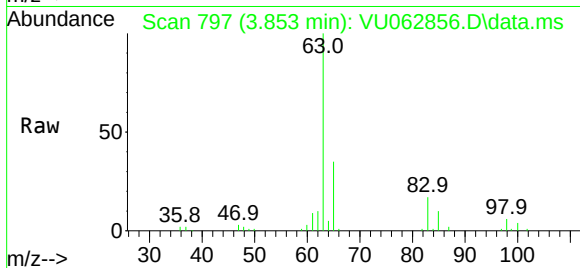
Acq: 17 Jan 2025 06:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	52549
Ion	Ratio	Lower	Upper
63	100		
65	34.5	20.7	38.5
83	17.0	10.5	19.5



#21

2-Butanone

Concen: 50.019 ug/L

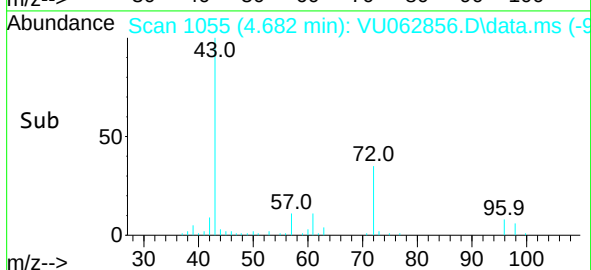
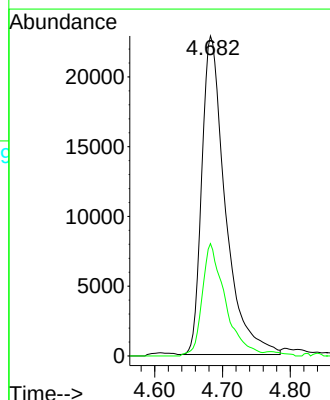
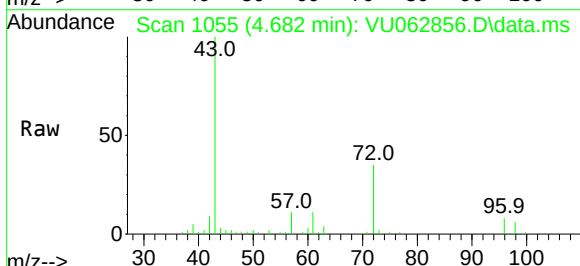
RT: 4.682 min Scan# 1055

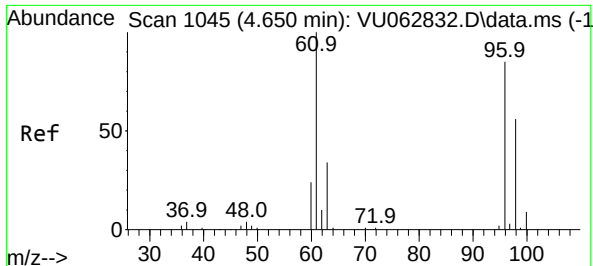
Delta R.T. -0.003 min

Lab File: VU062856.D

Acq: 17 Jan 2025 06:26

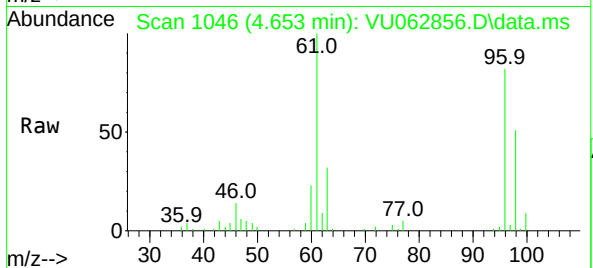
Tgt Ion:	43	Resp:	55073
Ion	Ratio	Lower	Upper
43	100		
72	34.6	17.1	51.2



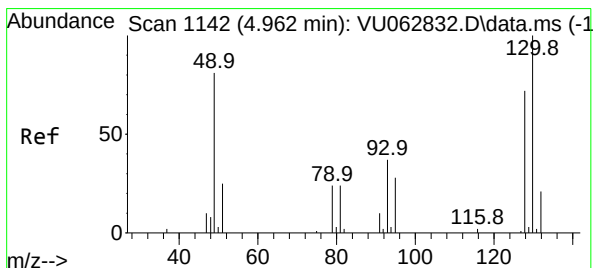
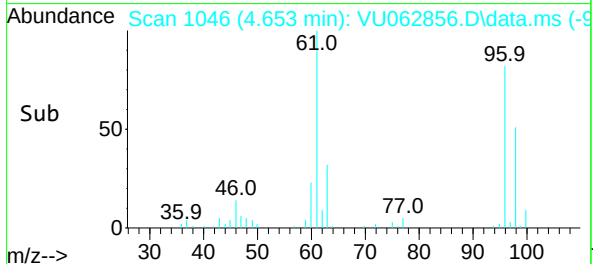
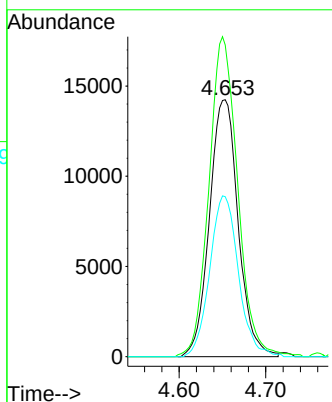


#22
 cis-1,2-Dichloroethene
 Concen: 4.919 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. 0.003 min
 Lab File: VU062856.D
 Acq: 17 Jan 2025 06:26

Instrument :
 MSVOA_U
 ClientSampleId :

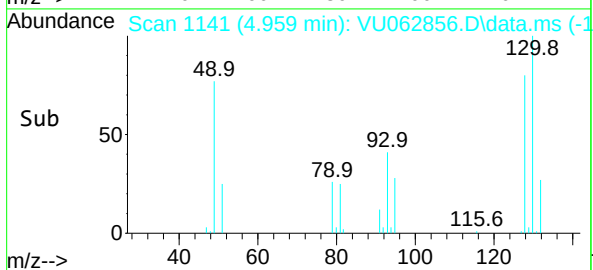
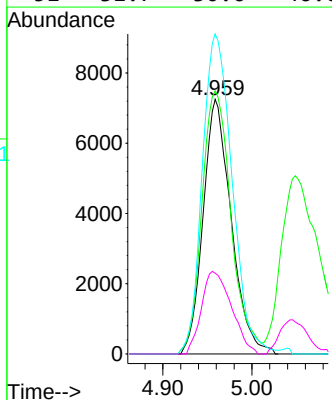
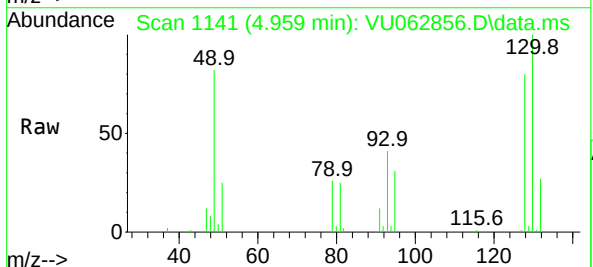


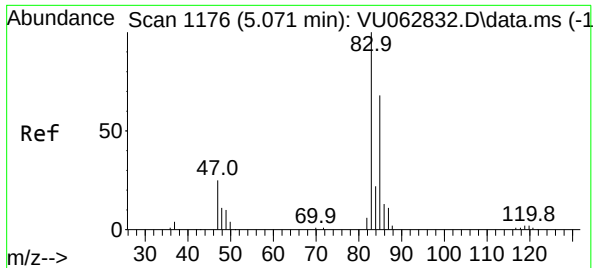
Tgt Ion: 96 Resp: 32844
 Ion Ratio Lower Upper
 96 100
 61 121.2 84.8 157.6
 98 62.3 43.1 80.1



#23
 Bromochloromethane
 Concen: 5.035 ug/L
 RT: 4.959 min Scan# 1141
 Delta R.T. -0.003 min
 Lab File: VU062856.D
 Acq: 17 Jan 2025 06:26

Tgt Ion: 128 Resp: 15873
 Ion Ratio Lower Upper
 128 100
 49 103.4 81.1 150.7
 130 125.7 94.9 176.3
 51 31.7 30.6 46.0

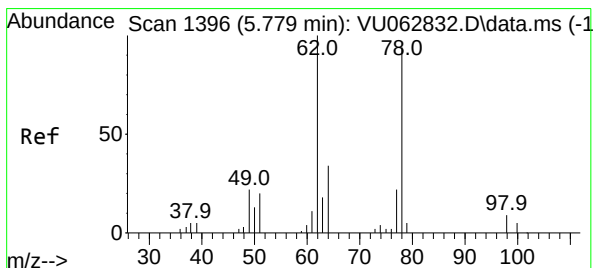
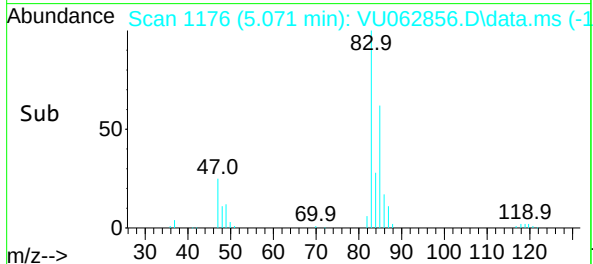
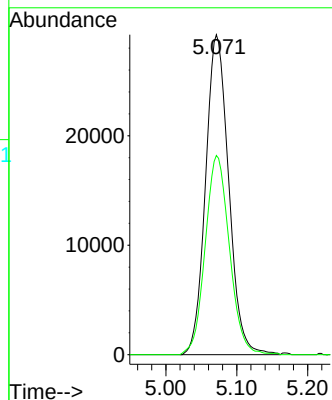
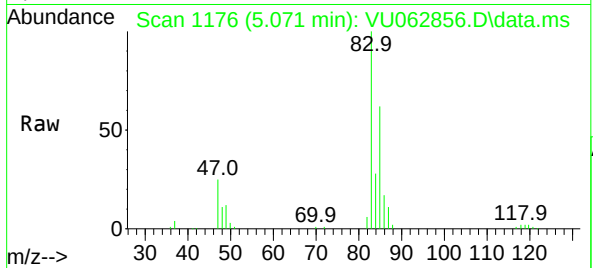




#25
Chloroform
Concen: 4.907 ug/L
RT: 5.071 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VU062856.D
Acq: 17 Jan 2025 06:26

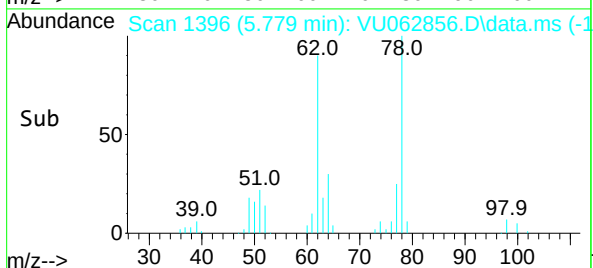
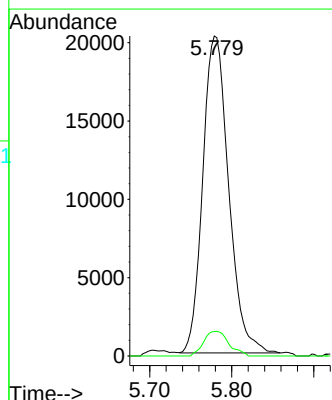
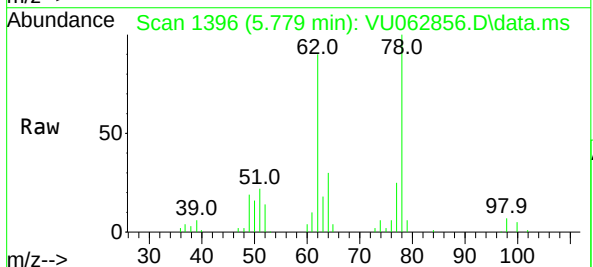
Instrument :
MSVOA_U
ClientSampleId :

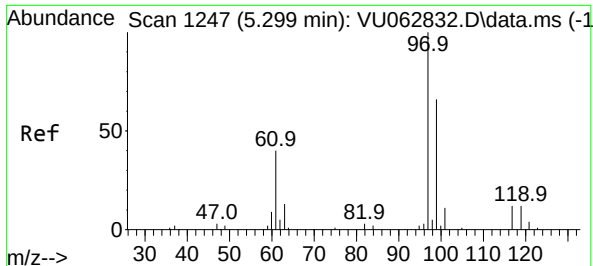
Tgt Ion: 83 Resp: 66200
Ion Ratio Lower Upper
83 100
85 62.3 45.8 85.2



#27
1,2-Dichloroethane
Concen: 5.038 ug/L
RT: 5.779 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VU062856.D
Acq: 17 Jan 2025 06:26

Tgt Ion: 62 Resp: 44451
Ion Ratio Lower Upper
62 100
98 7.7 5.8 8.6





#29

1,1,1-Trichloroethane

Concen: 4.936 ug/L

RT: 5.303 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU062856.D

Acq: 17 Jan 2025 06:26

Instrument :

MSVOA_U

ClientSampleId :

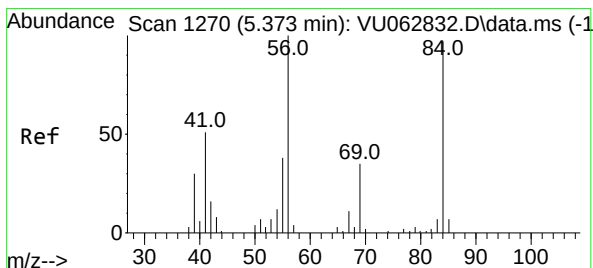
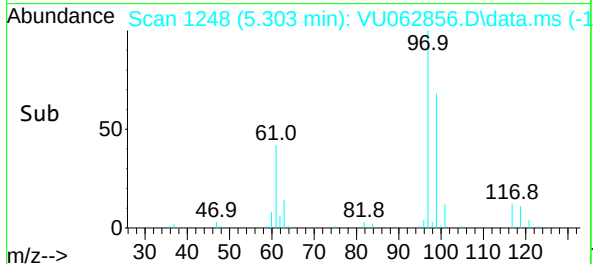
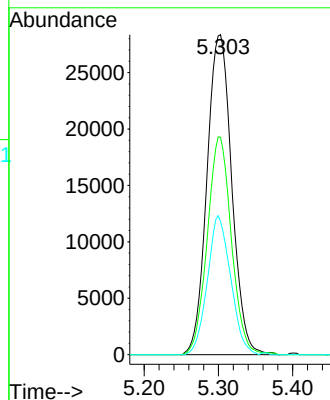
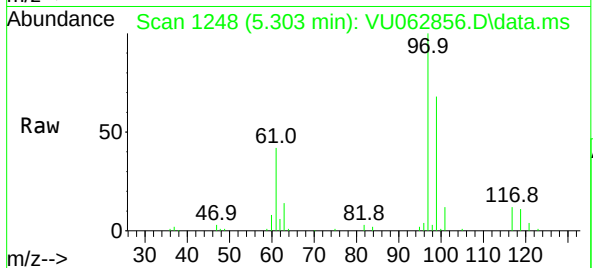
Tgt Ion: 97 Resp: 65895

Ion Ratio Lower Upper

97 100

99 66.2 52.4 78.6

61 40.7 32.2 48.4



#30

Cyclohexane

Concen: 4.447 ug/L

RT: 5.373 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VU062856.D

Acq: 17 Jan 2025 06:26

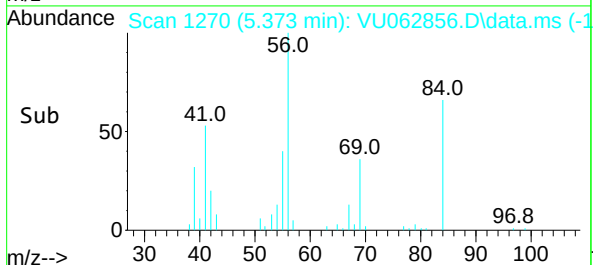
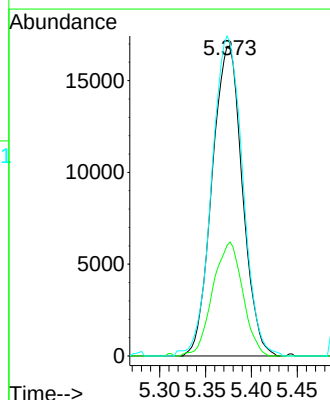
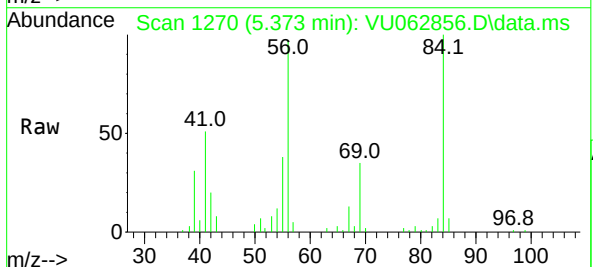
Tgt Ion: 56 Resp: 38775

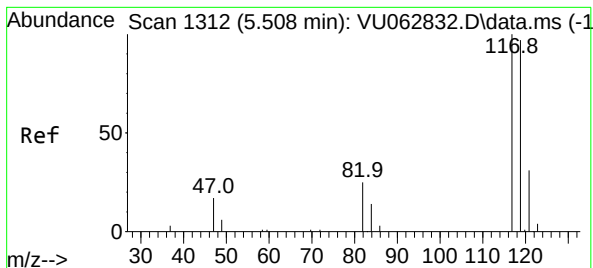
Ion Ratio Lower Upper

56 100

69 36.4 28.3 42.5

84 105.5 76.5 114.7





#31

Carbon tetrachloride

Concen: 5.083 ug/L

RT: 5.508 min Scan# 117

Delta R.T. 0.000 min

Lab File: VU062856.D

Acq: 17 Jan 2025 06:26

Instrument :

MSVOA_U

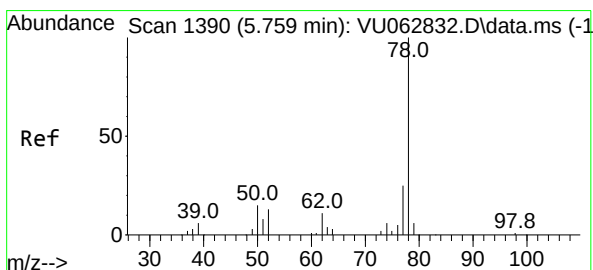
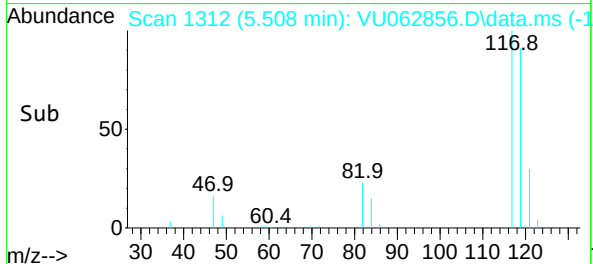
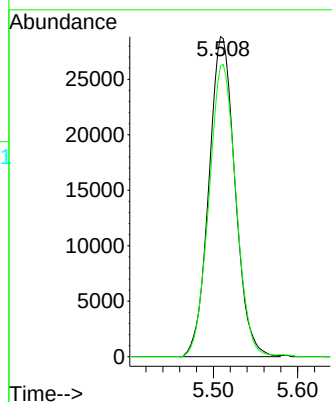
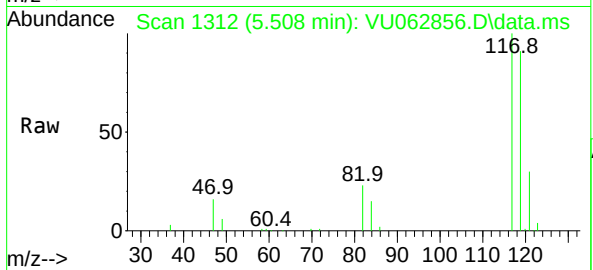
ClientSampleId :

Tgt Ion:117 Resp: 62361

Ion Ratio Lower Upper

117 100

119 93.9 78.6 118.0



#33

Benzene

Concen: 4.731 ug/L

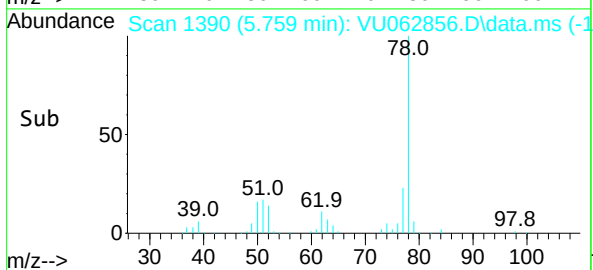
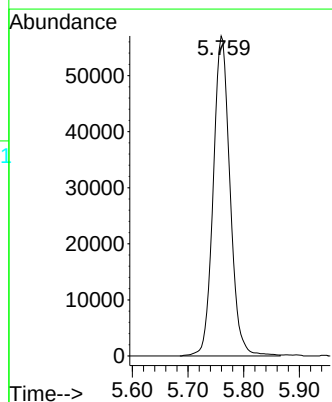
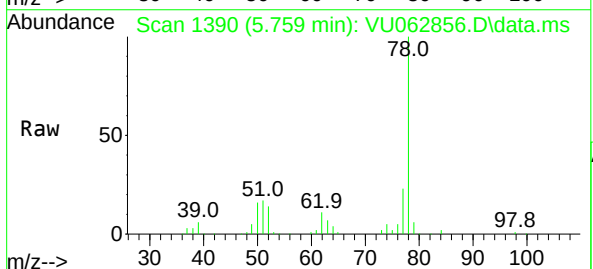
RT: 5.759 min Scan# 1390

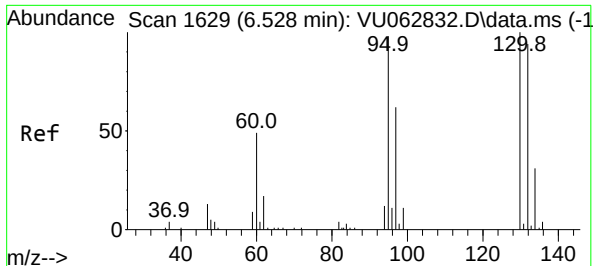
Delta R.T. 0.000 min

Lab File: VU062856.D

Acq: 17 Jan 2025 06:26

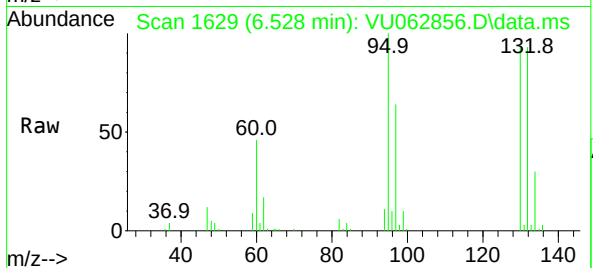
Tgt Ion: 78 Resp: 119639



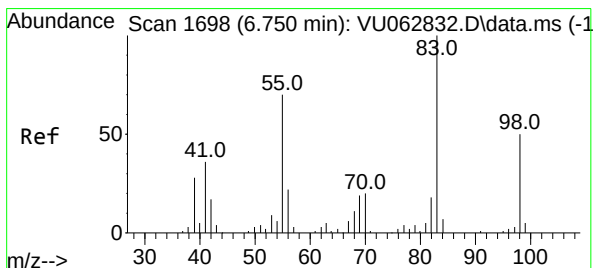
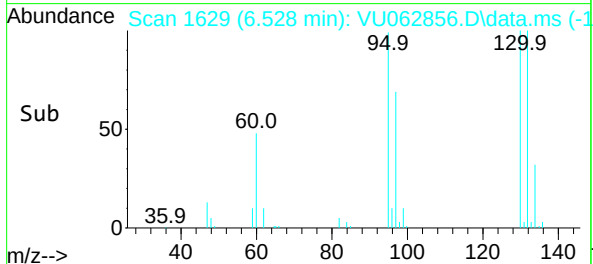
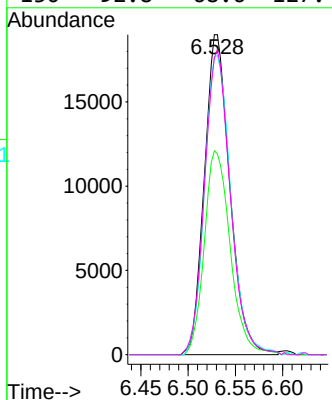


#34
Trichloroethene
Concen: 4.141 ug/L
RT: 6.528 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU062856.D
Acq: 17 Jan 2025 06:26

Instrument :
MSVOA_U
ClientSampleId :

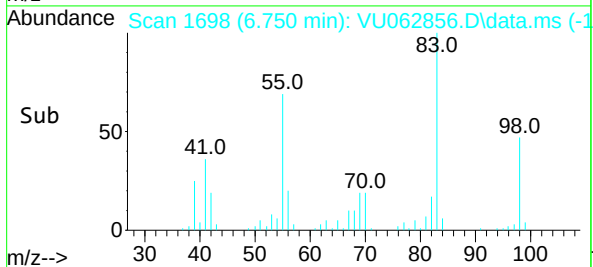
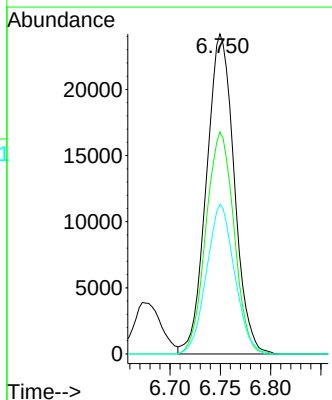
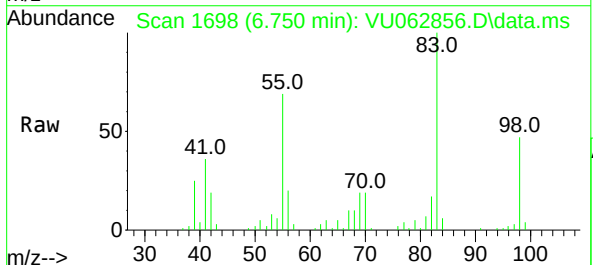


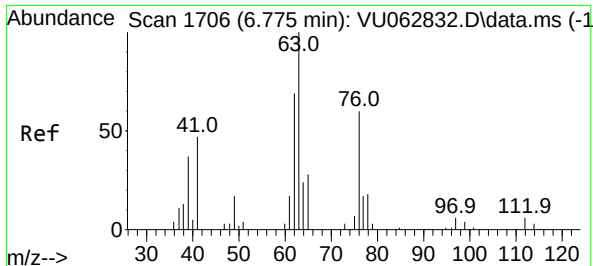
Tgt Ion: 95 Resp: 35775
Ion Ratio Lower Upper
95 100
97 63.7 47.5 88.3
132 93.0 66.9 124.3
130 92.8 68.6 127.4



#35
Methylcyclohexane
Concen: 4.374 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU062856.D
Acq: 17 Jan 2025 06:26

Tgt Ion: 83 Resp: 46495
Ion Ratio Lower Upper
83 100
55 70.0 57.2 85.8
98 47.2 36.6 55.0





#37

1,2-Dichloropropane

Concen: 4.718 ug/L

RT: 6.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU062856.D

Acq: 17 Jan 2025 06:26

Instrument :

MSVOA_U

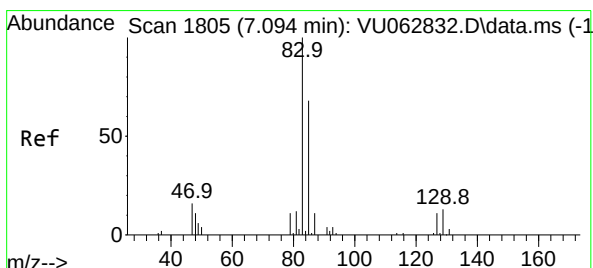
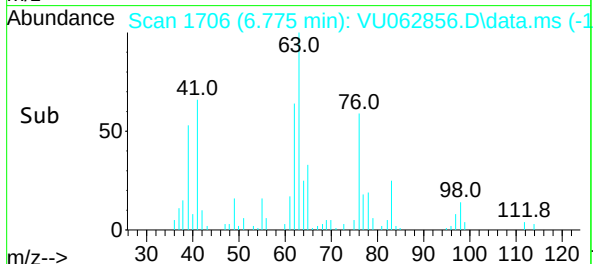
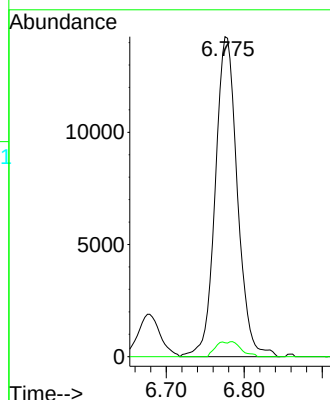
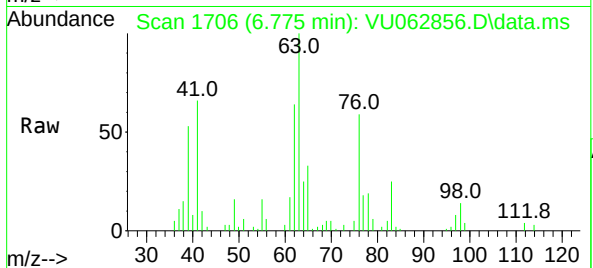
ClientSampleId :

Tgt Ion: 63 Resp: 28144

Ion Ratio Lower Upper

63 100

112 2.7 3.8 5.8#



#38

Bromodichloromethane

Concen: 5.045 ug/L

RT: 7.094 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VU062856.D

Acq: 17 Jan 2025 06:26

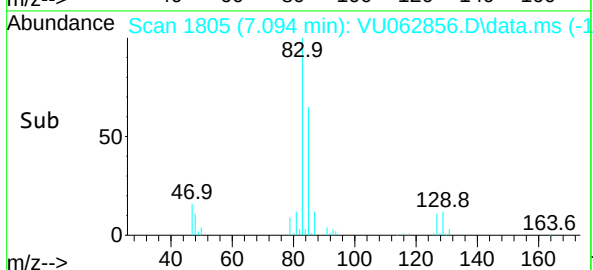
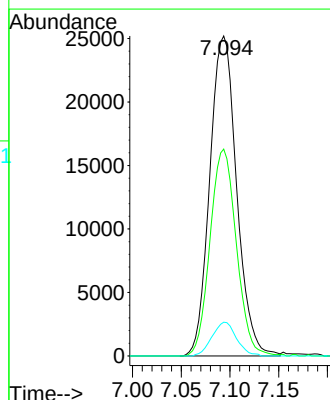
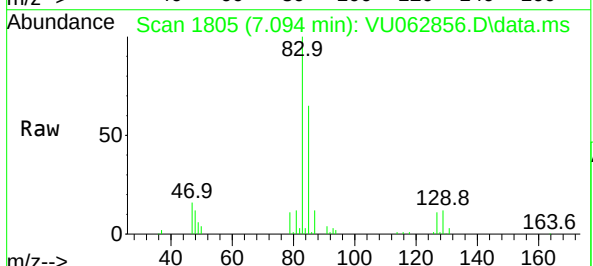
Tgt Ion: 83 Resp: 48402

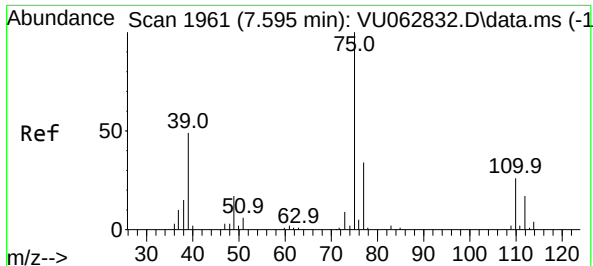
Ion Ratio Lower Upper

83 100

85 64.7 44.2 82.0

127 10.5 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 4.631 ug/L

RT: 7.595 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VU062856.D

Acq: 17 Jan 2025 06:26

Instrument :

MSVOA_U

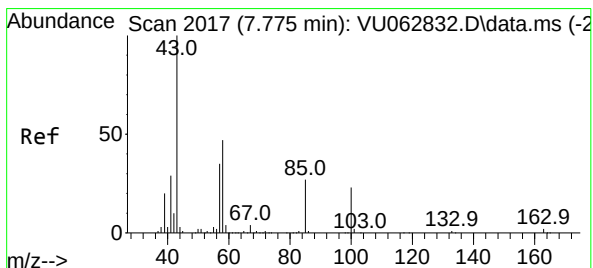
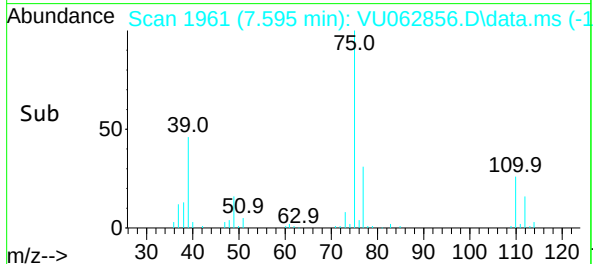
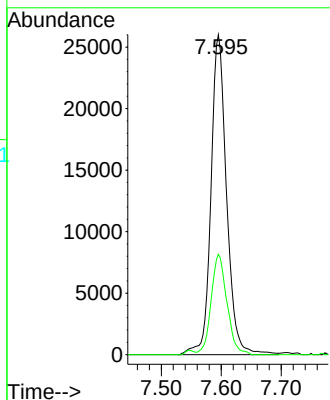
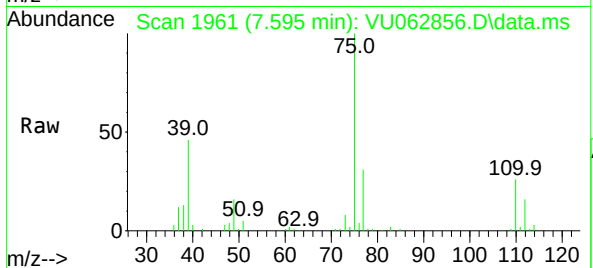
ClientSampleId :

Tgt Ion: 75 Resp: 47038

Ion Ratio Lower Upper

75 100

77 31.4 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 48.278 ug/L

RT: 7.775 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VU062856.D

Acq: 17 Jan 2025 06:26

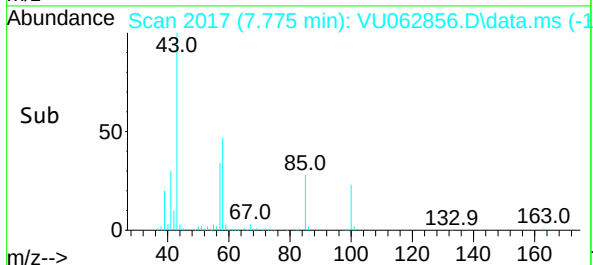
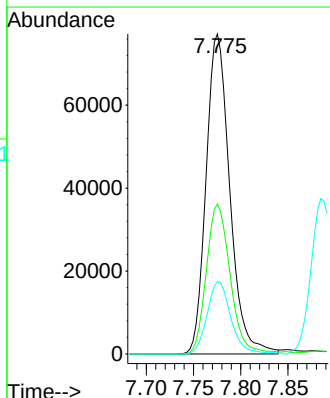
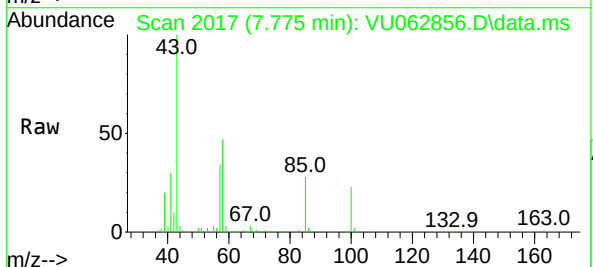
Tgt Ion: 43 Resp: 134532

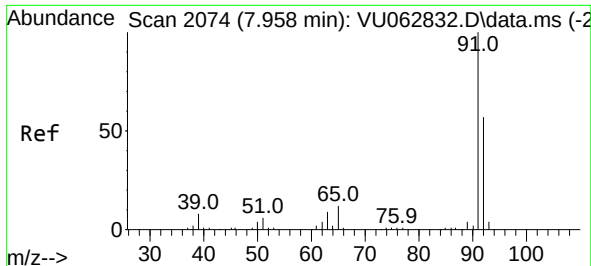
Ion Ratio Lower Upper

43 100

58 47.1 35.8 53.8

100 22.7 16.8 25.2





#42

Toluene

Concen: 4.943 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU062856.D

Acq: 17 Jan 2025 06:26

Instrument :

MSVOA_U

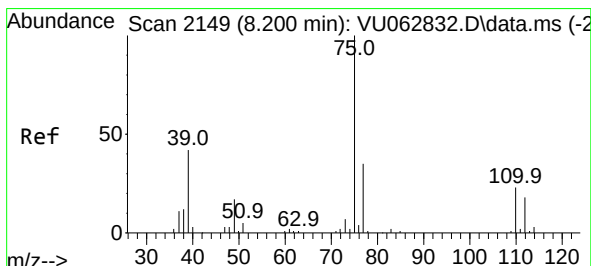
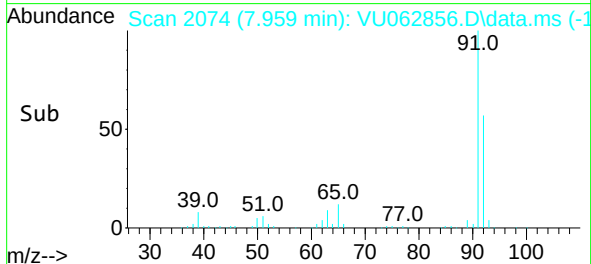
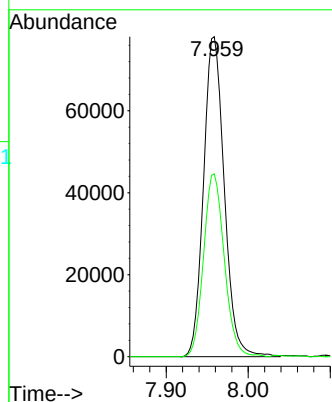
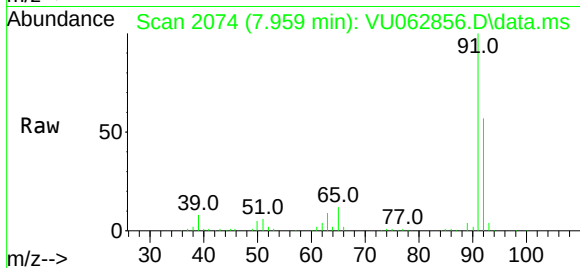
ClientSampleId :

Tgt Ion: 91 Resp: 136982

Ion Ratio Lower Upper

91 100

92 57.1 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.827 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. 0.000 min

Lab File: VU062856.D

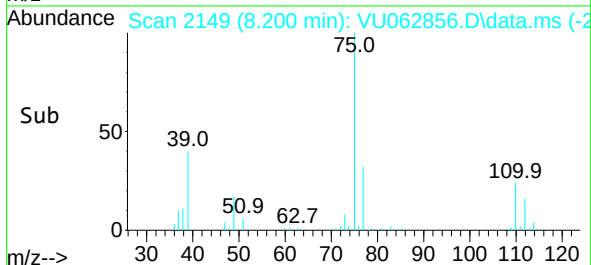
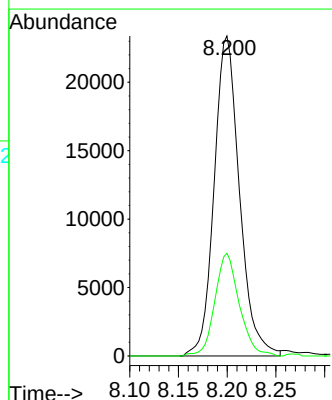
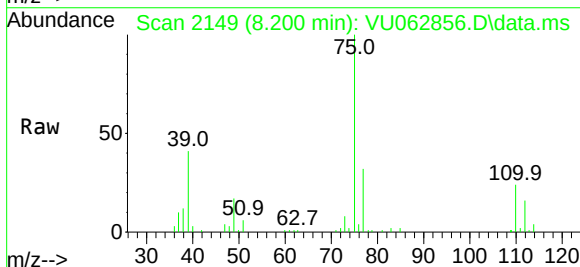
Acq: 17 Jan 2025 06:26

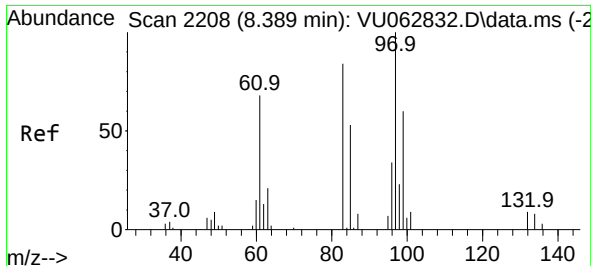
Tgt Ion: 75 Resp: 42261

Ion Ratio Lower Upper

75 100

77 32.1 21.8 40.6

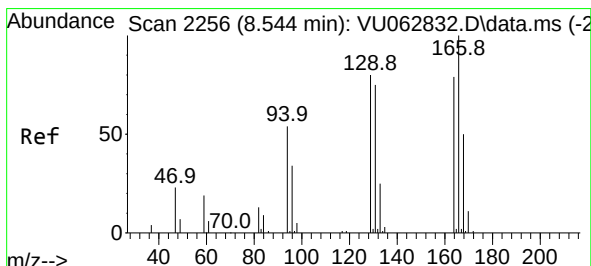
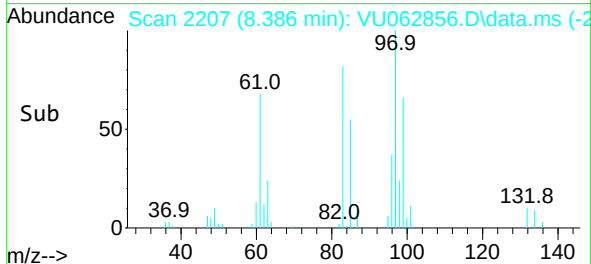
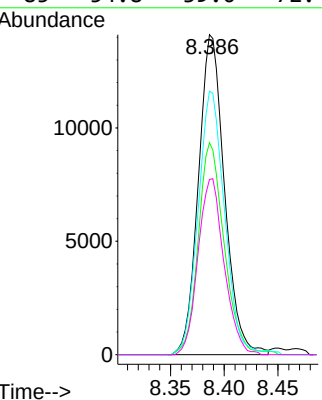
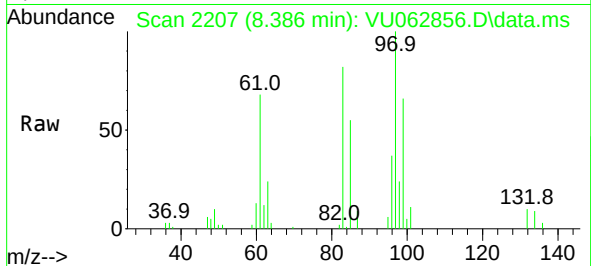




#45
1,1,2-Trichloroethane
Concen: 4.918 ug/L
RT: 8.386 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062856.D
Acq: 17 Jan 2025 06:26

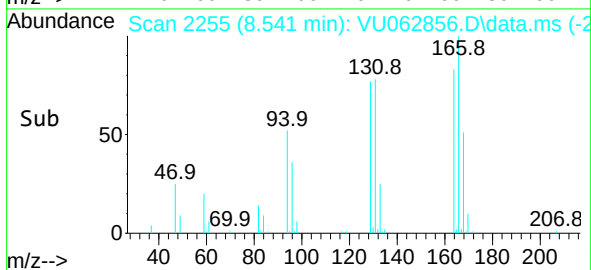
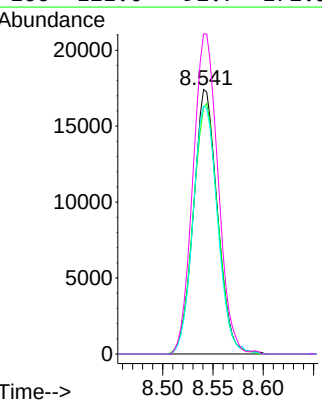
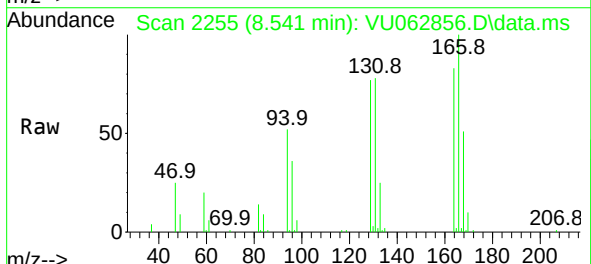
Instrument :
MSVOA_U
ClientSampleId :

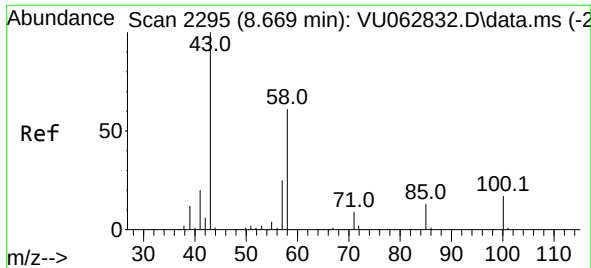
Tgt Ion:	97	Resp:	23828
Ion	Ratio	Lower	Upper
97	100		
99	66.2	45.6	84.6
83	82.3	63.0	117.0
85	54.8	39.0	72.4



#47
Tetrachloroethene
Concen: 4.871 ug/L
RT: 8.541 min Scan# 2255
Delta R.T. -0.003 min
Lab File: VU062856.D
Acq: 17 Jan 2025 06:26

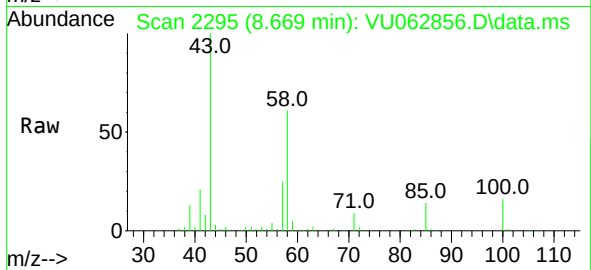
Tgt Ion:	164	Resp:	28983
Ion	Ratio	Lower	Upper
164	100		
129	93.0	71.0	131.9
131	93.8	69.4	129.0
166	121.0	92.7	172.3



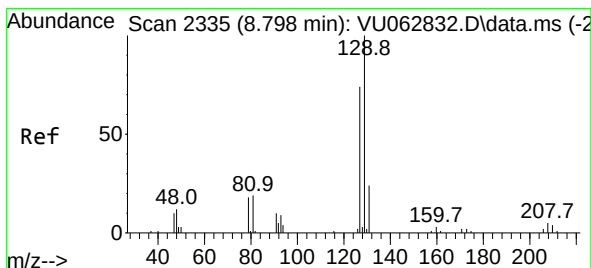
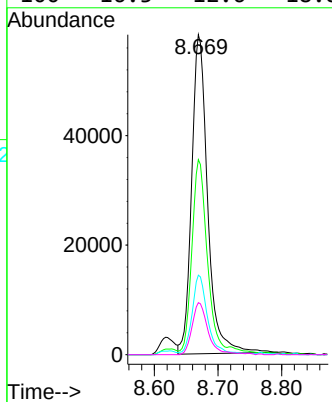
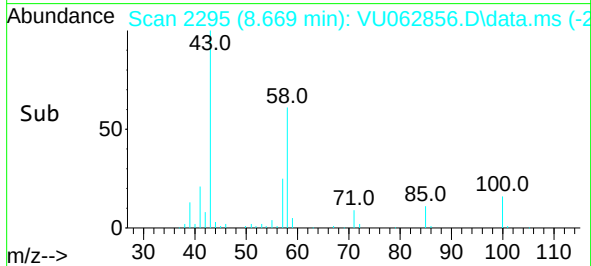


#48
2-Hexanone
Concen: 50.670 ug/L
RT: 8.669 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062856.D
Acq: 17 Jan 2025 06:26

Instrument :
MSVOA_U
ClientSampleId :

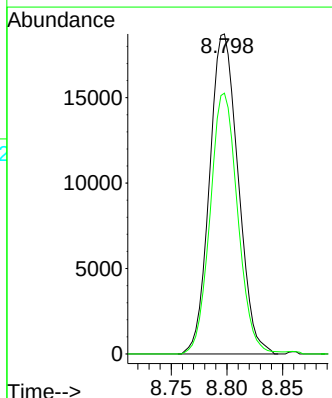
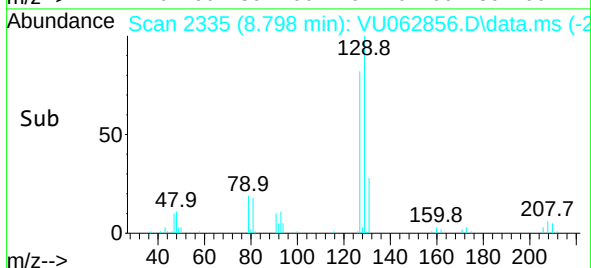
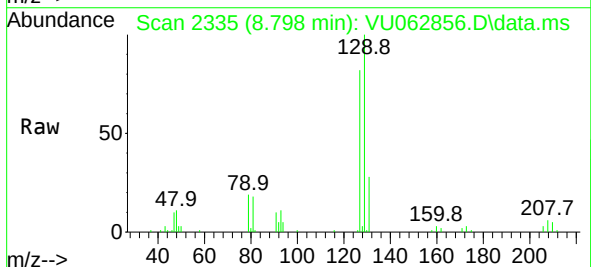


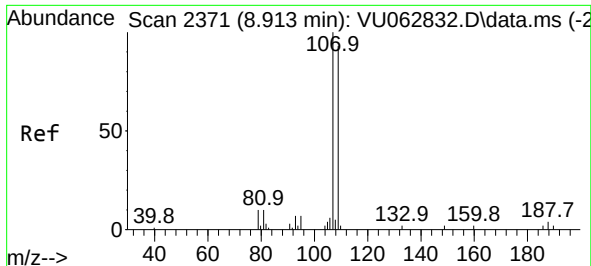
Tgt Ion: 43	Resp: 101511
Ion Ratio	Lower Upper
43 100	
58 56.1	50.2 75.4
57 23.7	19.9 29.9
100 16.3	12.6 18.8



#49
Dibromochloromethane
Concen: 5.142 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VU062856.D
Acq: 17 Jan 2025 06:26

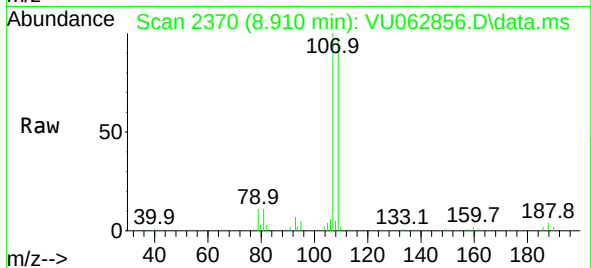
Tgt Ion:129	Resp: 33448		
Ion Ratio	Lower	Upper	
129 100			
127 81.5	52.1	96.9	



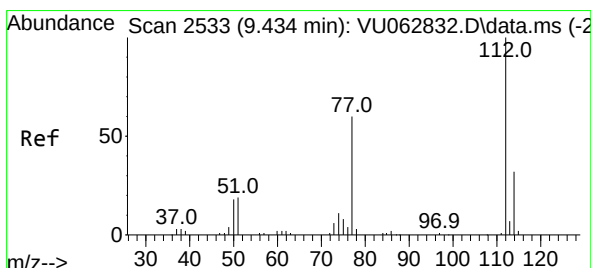
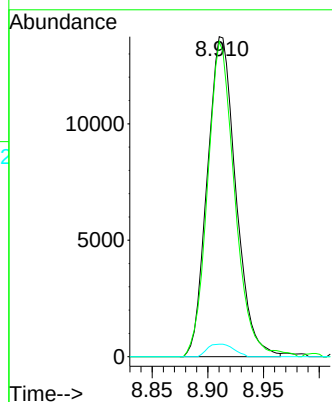
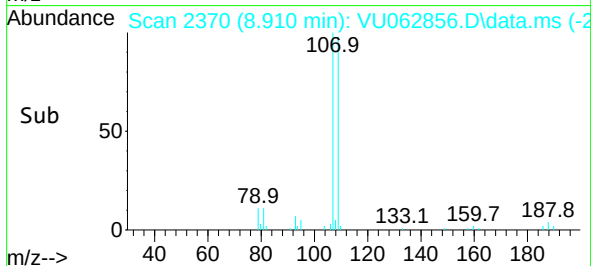


#50
1,2-Dibromoethane
Concen: 5.289 ug/L
RT: 8.910 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062856.D
Acq: 17 Jan 2025 06:26

Instrument :
MSVOA_U
ClientSampleId :

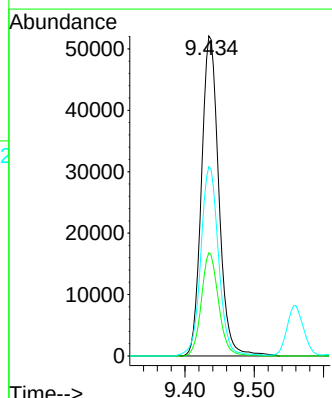
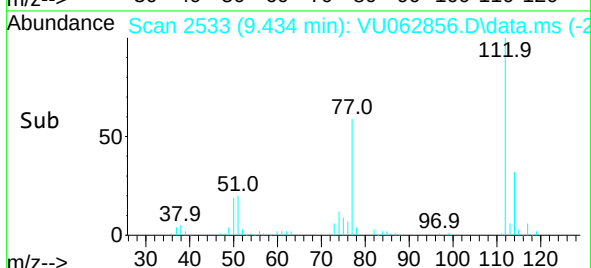
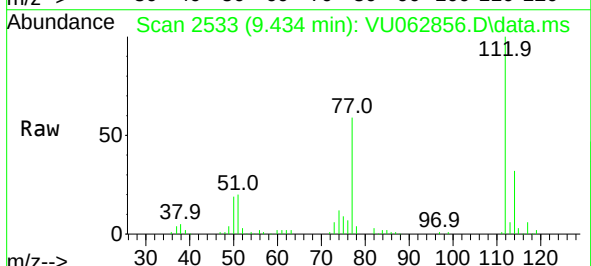


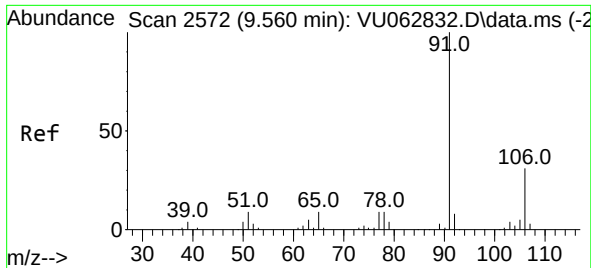
Tgt Ion:107 Resp: 24517
Ion Ratio Lower Upper
107 100
109 98.4 65.7 121.9
188 3.9 3.4 5.2



#51
Chlorobenzene
Concen: 4.990 ug/L
RT: 9.434 min Scan# 2533
Delta R.T. 0.000 min
Lab File: VU062856.D
Acq: 17 Jan 2025 06:26

Tgt Ion:112 Resp: 90431
Ion Ratio Lower Upper
112 100
114 32.3 21.7 40.3
77 59.2 48.6 73.0

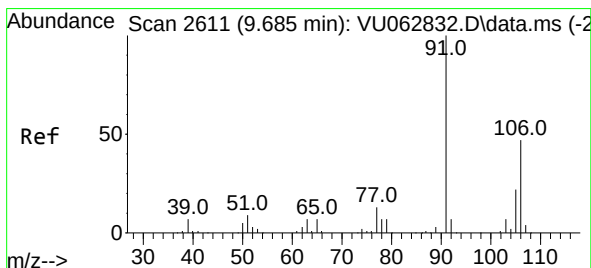
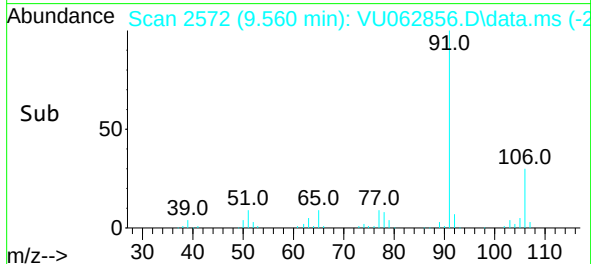
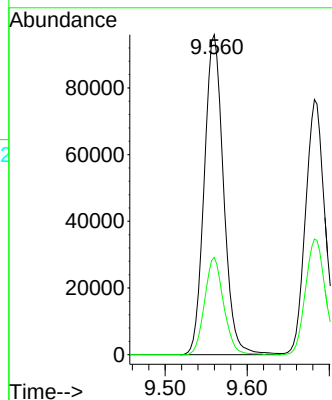
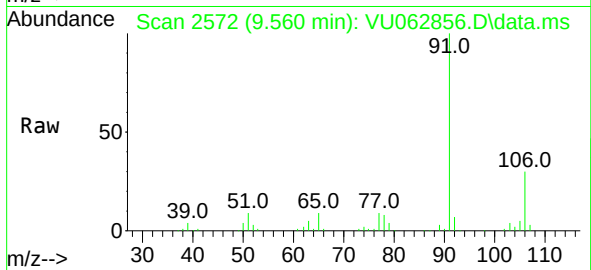




#52
Ethylbenzene
Concen: 4.990 ug/L
RT: 9.560 min Scan# 210
Delta R.T. 0.000 min
Lab File: VU062856.D
Acq: 17 Jan 2025 06:26

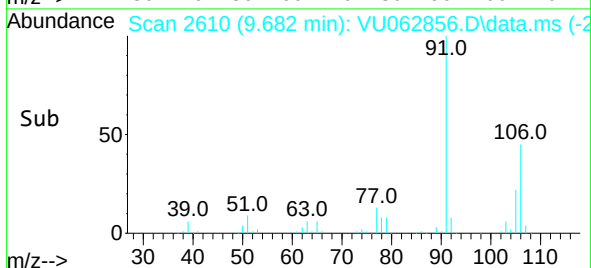
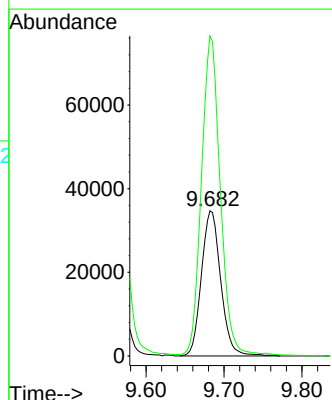
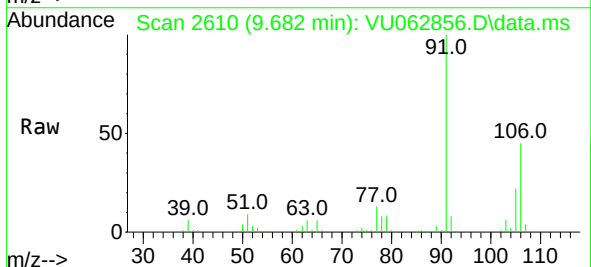
Instrument :
MSVOA_U
ClientSampleId :

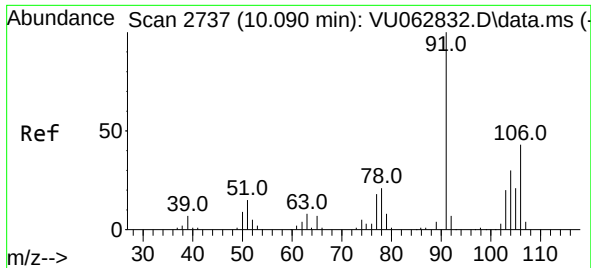
Tgt Ion: 91 Resp: 156899
Ion Ratio Lower Upper
91 100
106 30.4 21.9 40.7



#53
m,p-Xylene
Concen: 5.080 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. -0.003 min
Lab File: VU062856.D
Acq: 17 Jan 2025 06:26

Tgt Ion:106 Resp: 59748
Ion Ratio Lower Upper
106 100
91 220.5 153.1 284.3

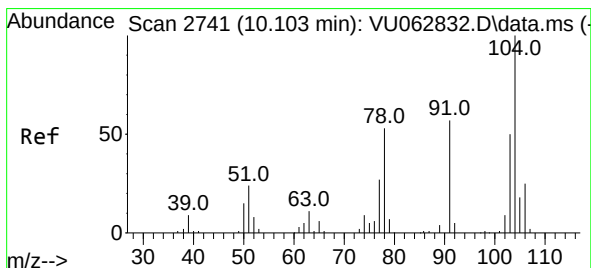
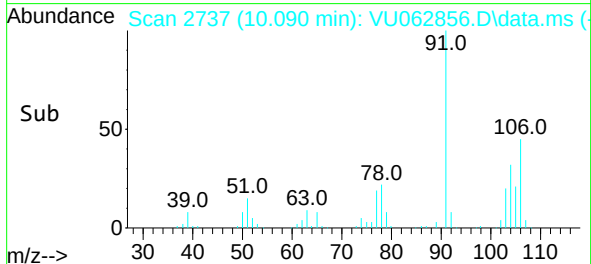
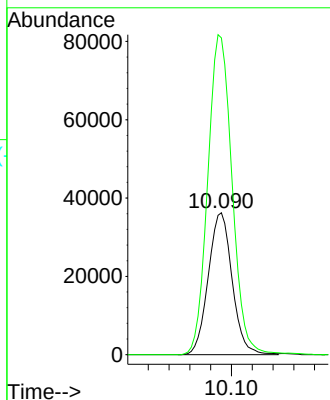
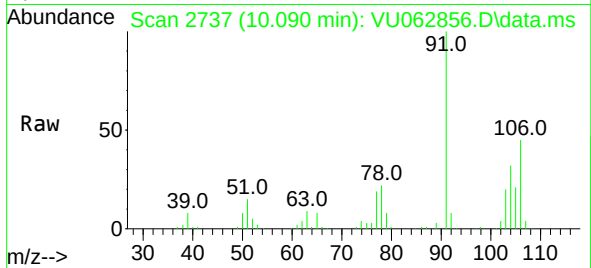




#54
o-Xylene
Concen: 5.132 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU062856.D
Acq: 17 Jan 2025 06:26

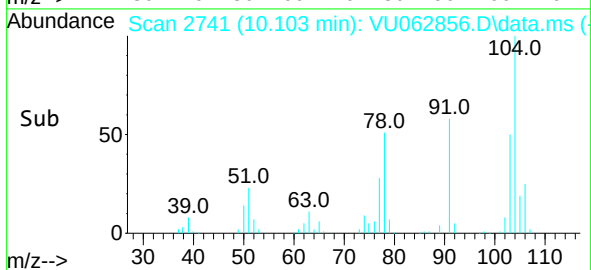
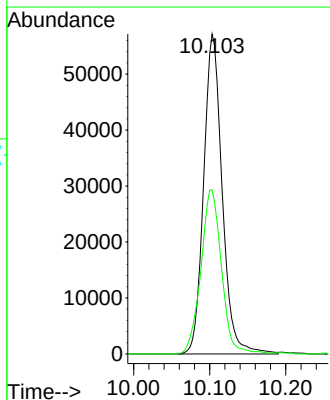
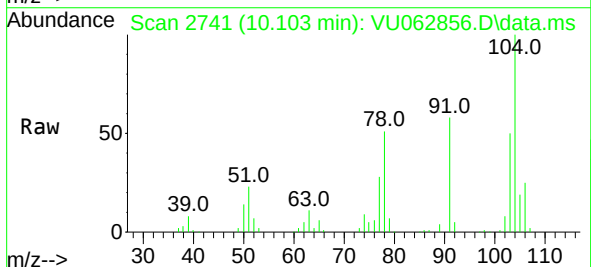
Instrument :
MSVOA_U
ClientSampleId :

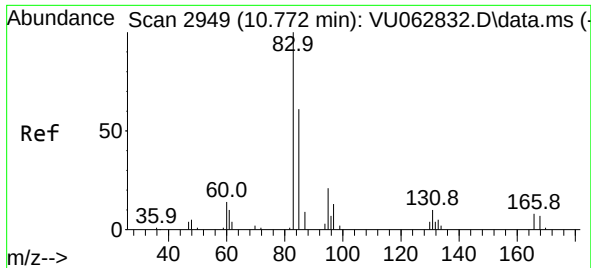
Tgt Ion:106 Resp: 57804
Ion Ratio Lower Upper
106 100
91 223.2 160.4 297.8



#55
Styrene
Concen: 5.146 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. 0.000 min
Lab File: VU062856.D
Acq: 17 Jan 2025 06:26

Tgt Ion:104 Resp: 96965
Ion Ratio Lower Upper
104 100
78 51.3 35.5 65.9

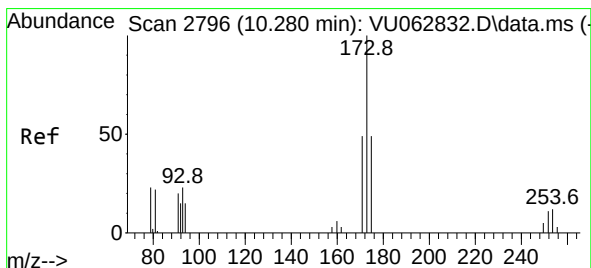
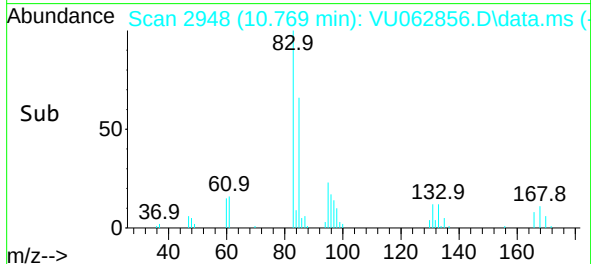
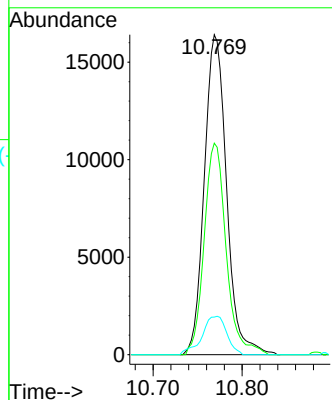
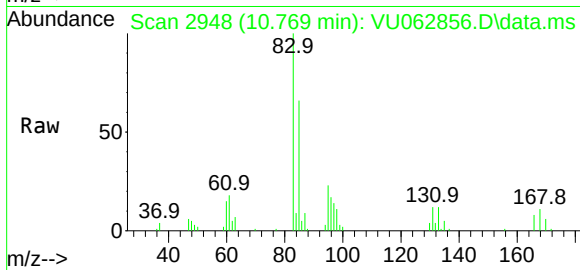




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.236 ug/L
 RT: 10.769 min Scan# 2948
 Delta R.T. -0.003 min
 Lab File: VU062856.D
 Acq: 17 Jan 2025 06:26

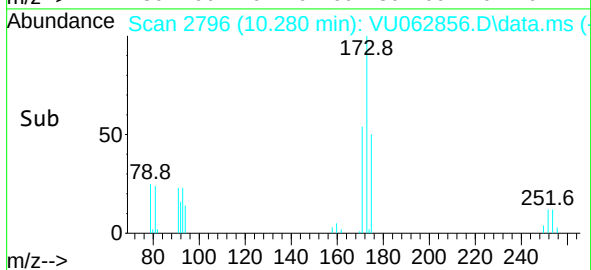
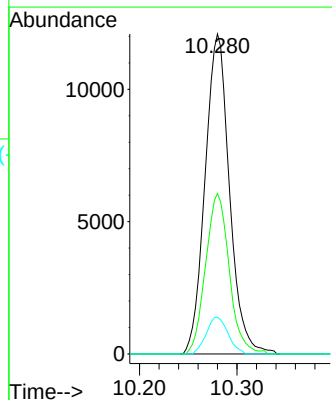
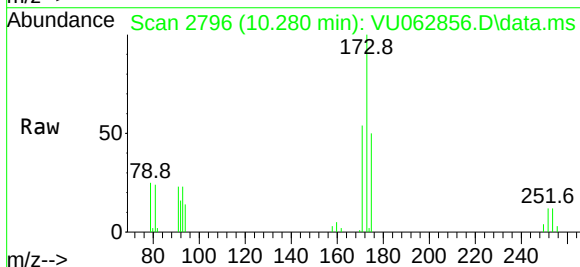
Instrument :
 MSVOA_U
 ClientSampleId :

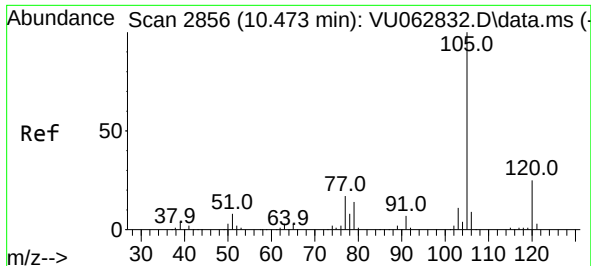
Tgt Ion: 83 Resp: 28460
 Ion Ratio Lower Upper
 83 100
 85 66.1 43.0 79.8
 131 11.8 7.4 11.0#



#59
 Bromoform
 Concen: 5.083 ug/L
 RT: 10.280 min Scan# 2796
 Delta R.T. 0.000 min
 Lab File: VU062856.D
 Acq: 17 Jan 2025 06:26

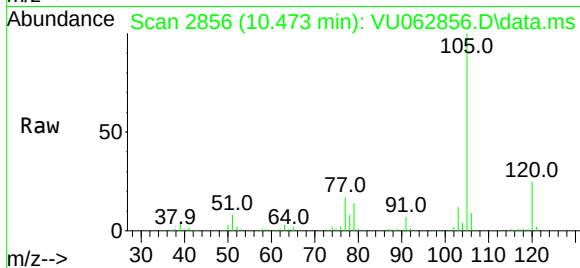
Tgt Ion:173 Resp: 21041
 Ion Ratio Lower Upper
 173 100
 175 48.5 39.8 59.8
 254 10.2 8.6 12.8



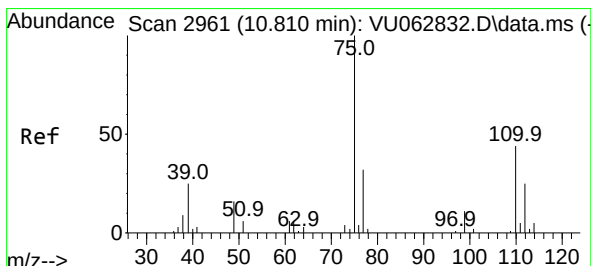
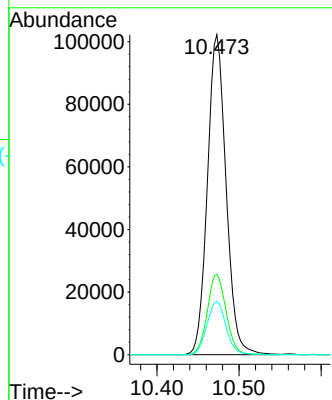
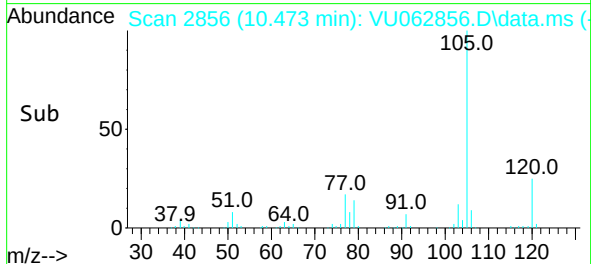


#60
Isopropylbenzene
Concen: 4.933 ug/L
RT: 10.473 min Scan# 2856
Delta R.T. 0.000 min
Lab File: VU062856.D
Acq: 17 Jan 2025 06:26

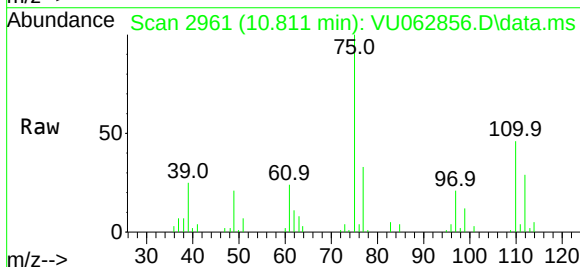
Instrument :
MSVOA_U
ClientSampleId :



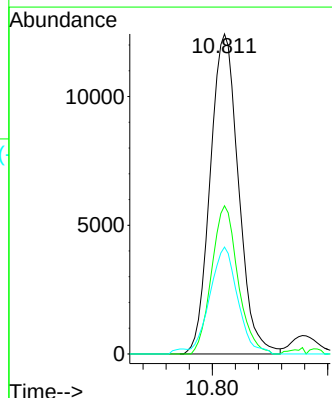
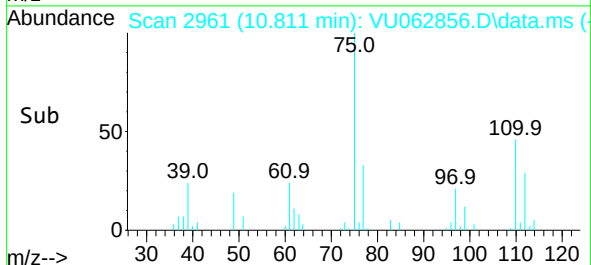
Tgt Ion:105 Resp: 161317
Ion Ratio Lower Upper
105 100
120 25.2 20.2 30.2
77 17.1 13.0 19.4

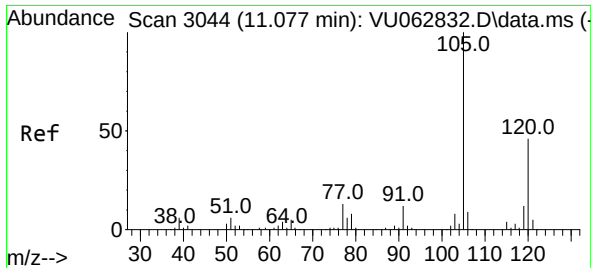


#61
1,2,3-Trichloropropane
Concen: 5.011 ug/L
RT: 10.811 min Scan# 2961
Delta R.T. 0.000 min
Lab File: VU062856.D
Acq: 17 Jan 2025 06:26



Tgt Ion: 75 Resp: 21095
Ion Ratio Lower Upper
75 100
110 43.1 33.2 49.8
77 33.5 25.9 38.9

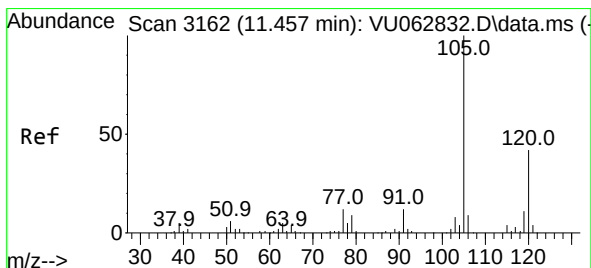
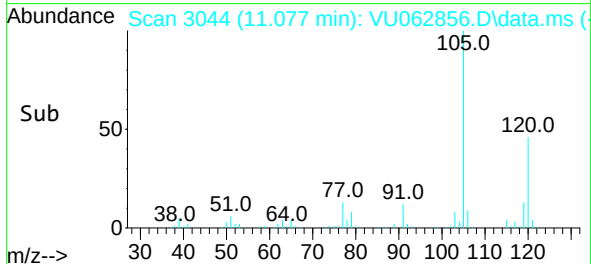
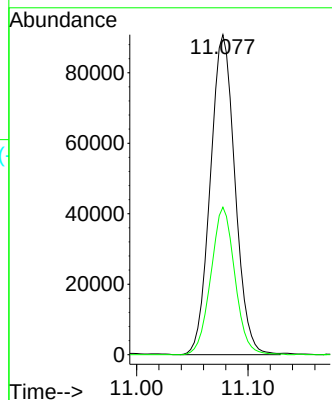
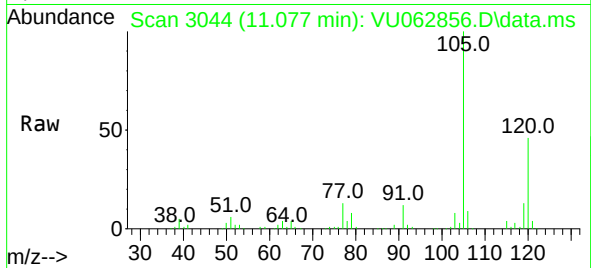




#62
1,3,5-Trimethylbenzene
Concen: 5.034 ug/L
RT: 11.077 min Scan# 3044
Delta R.T. 0.000 min
Lab File: VU062856.D
Acq: 17 Jan 2025 06:26

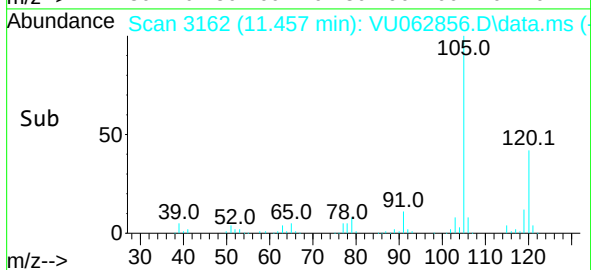
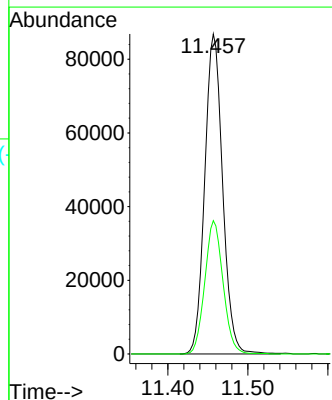
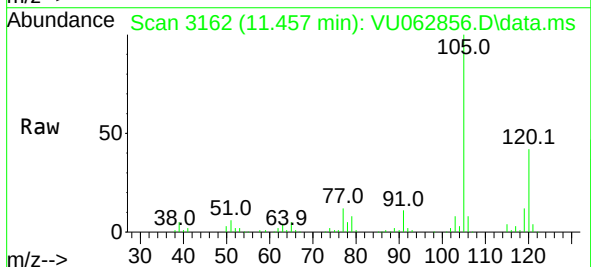
Instrument :
MSVOA_U
ClientSampleId :

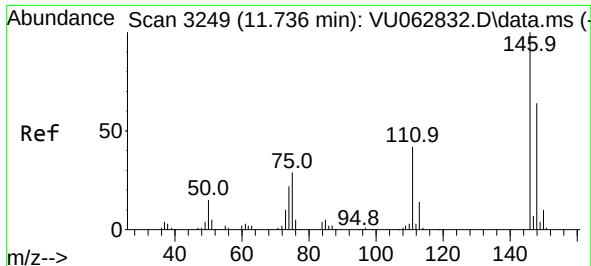
Tgt Ion:105 Resp: 139917
Ion Ratio Lower Upper
105 100
120 44.8 35.9 53.9



#63
1,2,4-Trimethylbenzene
Concen: 5.032 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VU062856.D
Acq: 17 Jan 2025 06:26

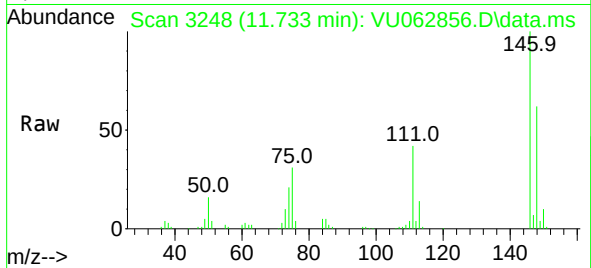
Tgt Ion:105 Resp: 135314
Ion Ratio Lower Upper
105 100
120 42.5 34.2 51.2



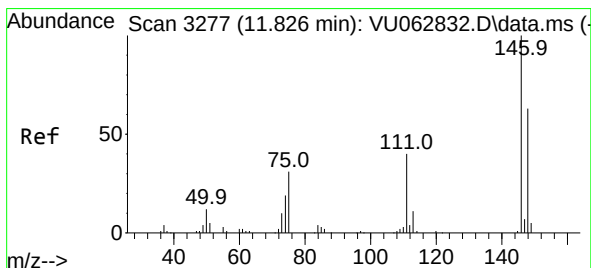
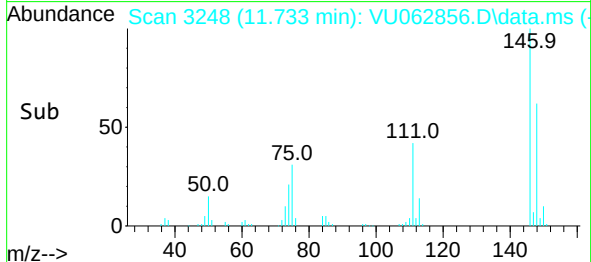
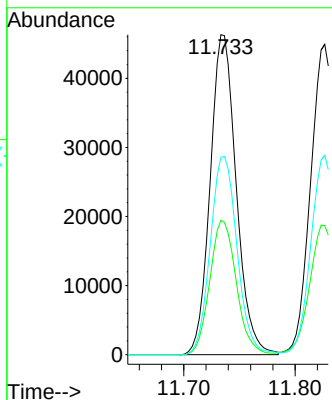


#64
 1,3-Dichlorobenzene
 Concen: 4.969 ug/L
 RT: 11.733 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU062856.D
 Acq: 17 Jan 2025 06:26

Instrument :
 MSVOA_U
 ClientSampleId :

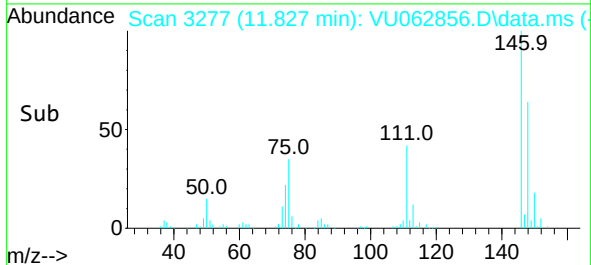
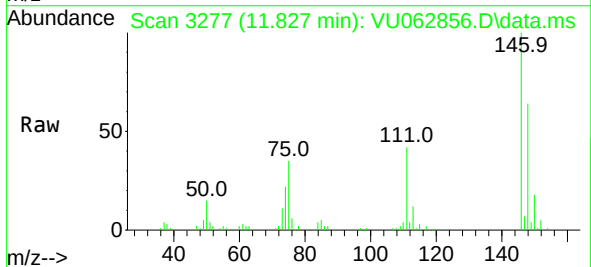
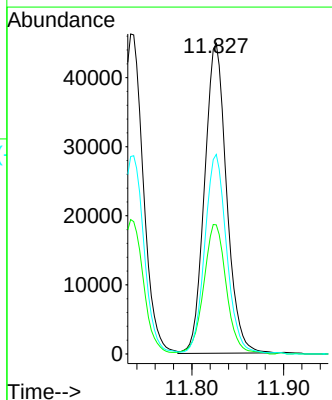


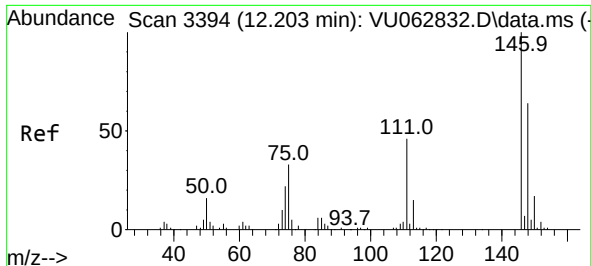
Tgt Ion:146 Resp: 75342
 Ion Ratio Lower Upper
 146 100
 111 42.0 28.6 53.0
 148 61.7 44.0 81.6



#65
 1,4-Dichlorobenzene
 Concen: 4.898 ug/L
 RT: 11.827 min Scan# 3277
 Delta R.T. 0.000 min
 Lab File: VU062856.D
 Acq: 17 Jan 2025 06:26

Tgt Ion:146 Resp: 74889
 Ion Ratio Lower Upper
 146 100
 111 41.6 29.5 54.9
 148 64.3 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 4.912 ug/L

RT: 12.203 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU062856.D

Acq: 17 Jan 2025 06:26

Instrument :

MSVOA_U

ClientSampleId :

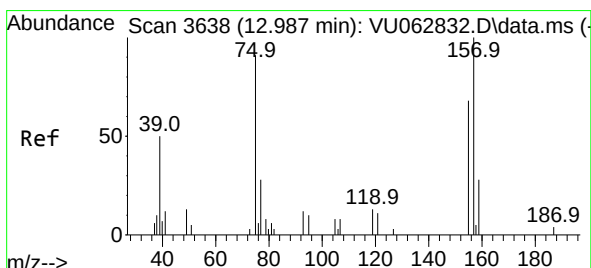
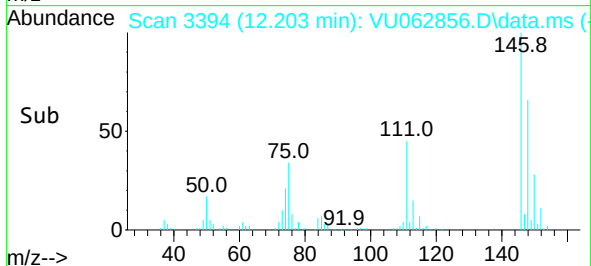
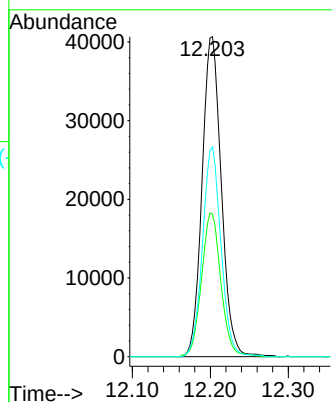
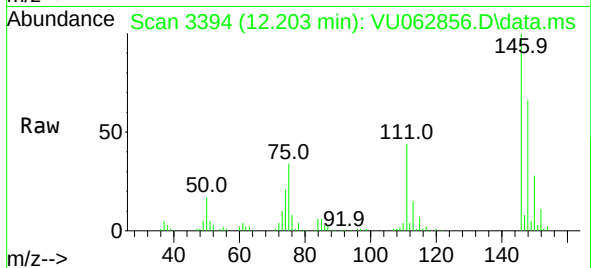
Tgt Ion:146 Resp: 69795

Ion Ratio Lower Upper

146 100

111 44.5 36.3 54.5

148 65.5 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.003 ug/L

RT: 12.984 min Scan# 3637

Delta R.T. -0.003 min

Lab File: VU062856.D

Acq: 17 Jan 2025 06:26

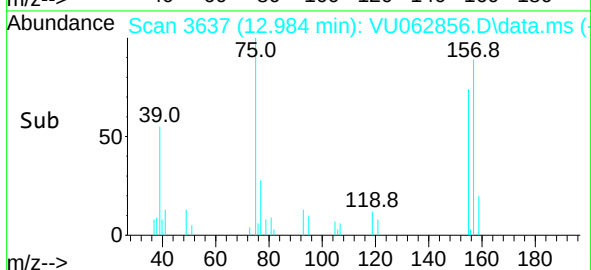
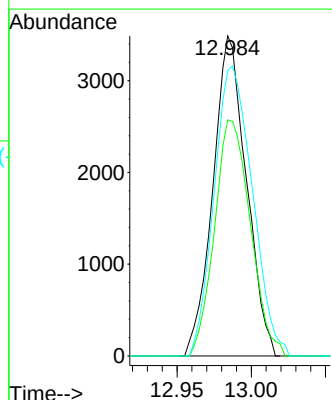
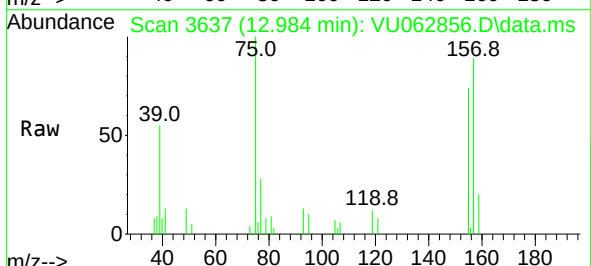
Tgt Ion: 75 Resp: 5455

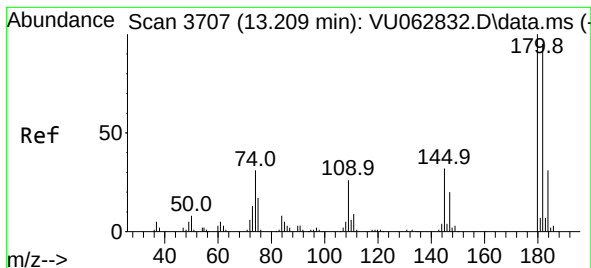
Ion Ratio Lower Upper

75 100

155 73.8 59.6 89.4

157 89.2 70.8 106.2





#69

1,3,5-Trichlorobenzene

Concen: 4.690 ug/L

RT: 13.209 min Scan# 31

Delta R.T. 0.000 min

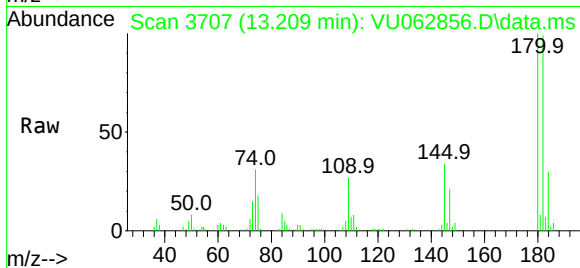
Lab File: VU062856.D

Acq: 17 Jan 2025 06:26

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 53553

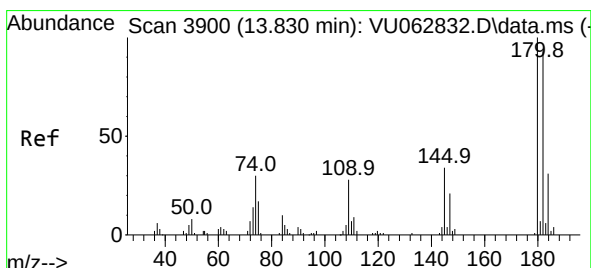
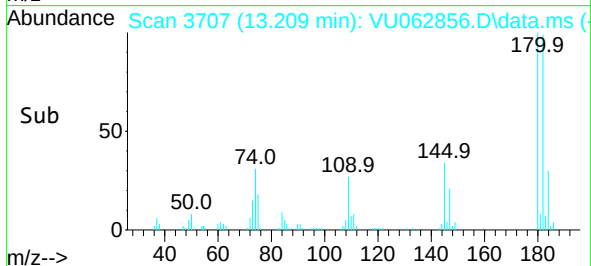
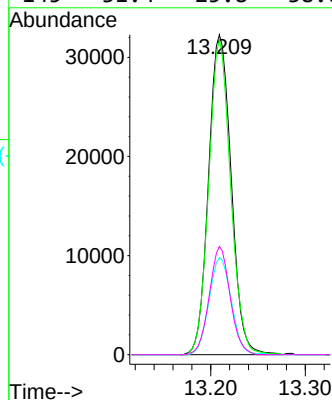
Ion Ratio Lower Upper

180 100

182 95.2 75.8 113.8

184 29.9 24.7 37.1

145 31.4 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 4.186 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. 0.000 min

Lab File: VU062856.D

Acq: 17 Jan 2025 06:26

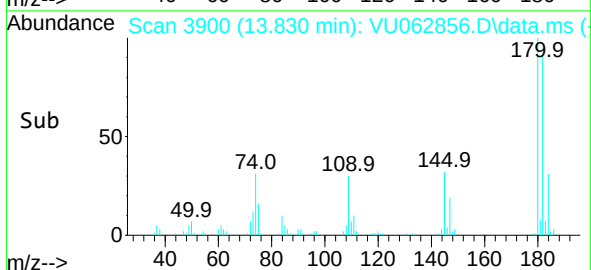
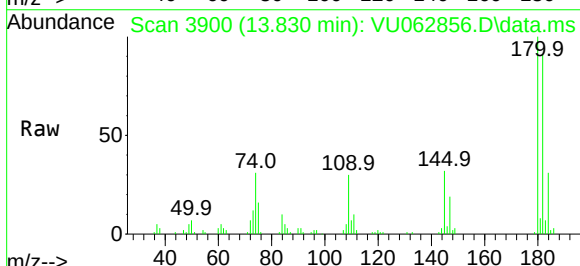
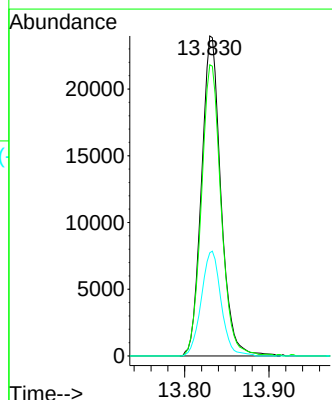
Tgt Ion:180 Resp: 38493

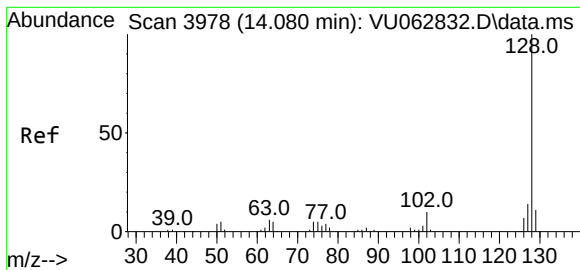
Ion Ratio Lower Upper

180 100

182 92.1 77.1 115.7

145 33.4 26.9 40.3

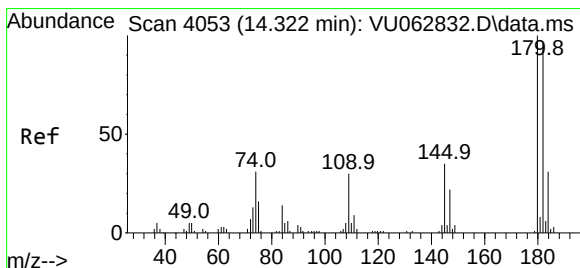
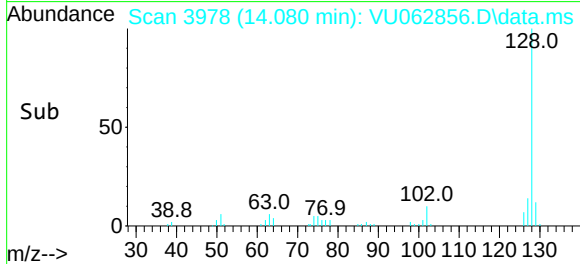
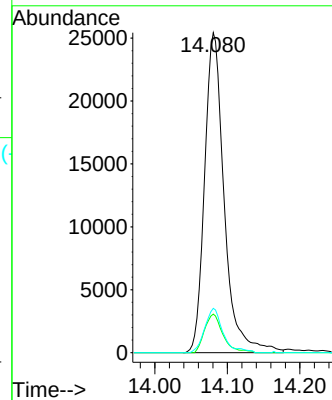
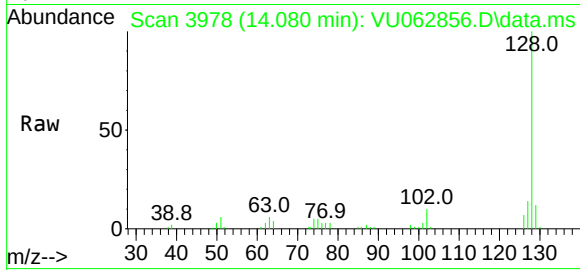




#71
Naphthalene
Concen: 3.549 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU062856.D
Acq: 17 Jan 2025 06:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 47761
Ion Ratio Lower Upper
128 100
129 11.3 8.5 12.7
127 12.9 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.068 ug/L
RT: 14.318 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU062856.D
Acq: 17 Jan 2025 06:26

Tgt Ion:180 Resp: 32609
Ion Ratio Lower Upper
180 100
182 94.0 79.8 119.6
145 32.0 29.2 43.8

