

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062858.D
 Acq On : 17 Jan 2025 09:14
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 17 21:50:49 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	6.238	114	97381	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	89402	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	47542	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19090	3.540	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.895	69	17410	4.013	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.554	65	10864	3.888	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	4.602	46	49661	45.052	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.100%
24) Chloroform-d	5.049	84	58261	4.391	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.689	65	31788	4.417	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.714	84	92491	4.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.676	67	25481	4.205	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.888	98	90075	4.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.171	79	12774	4.229	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.621	63	42750	45.003	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.000%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	23457	4.623	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	33768	4.269	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	43648	4.705	ug/L	99
3) Chloromethane	1.515	50	24687	3.965	ug/L	98
5) Vinyl chloride	1.599	62	29231	4.170	ug/L	100
6) Bromomethane	1.833	94	17819	3.494	ug/L	94
8) Chloroethane	1.917	64	18895	4.486	ug/L	100
9) Trichlorofluoromethane	2.126	101	66600	4.710	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	32262	4.722	ug/L	98
12) 1,1-Dichloroethene	2.567	96	28544	4.722	ug/L	95
13) Acetone	2.612	43	38445	44.027	ug/L	98
14) Carbon disulfide	2.779	76	79857	4.136	ug/L	99
15) Methyl Acetate	2.936	43	8562	4.528	ug/L	93
16) Methylene chloride	3.030	84	31202	4.712	ug/L	99
17) Methyl tert-butyl Ether	3.348	73	81280	4.892	ug/L	100
18) trans-1,2-Dichloroethene	3.338	96	30131	4.652	ug/L	96
19) 1,1-Dichloroethane	3.849	63	53343	4.607	ug/L	97
21) 2-Butanone	4.682	43	54037	46.466	ug/L	96
22) cis-1,2-Dichloroethene	4.653	96	33644	4.770	ug/L	97
23) Bromochloromethane	4.959	128	15772	4.737	ug/L	92
25) Chloroform	5.071	83	67100	4.709	ug/L	96

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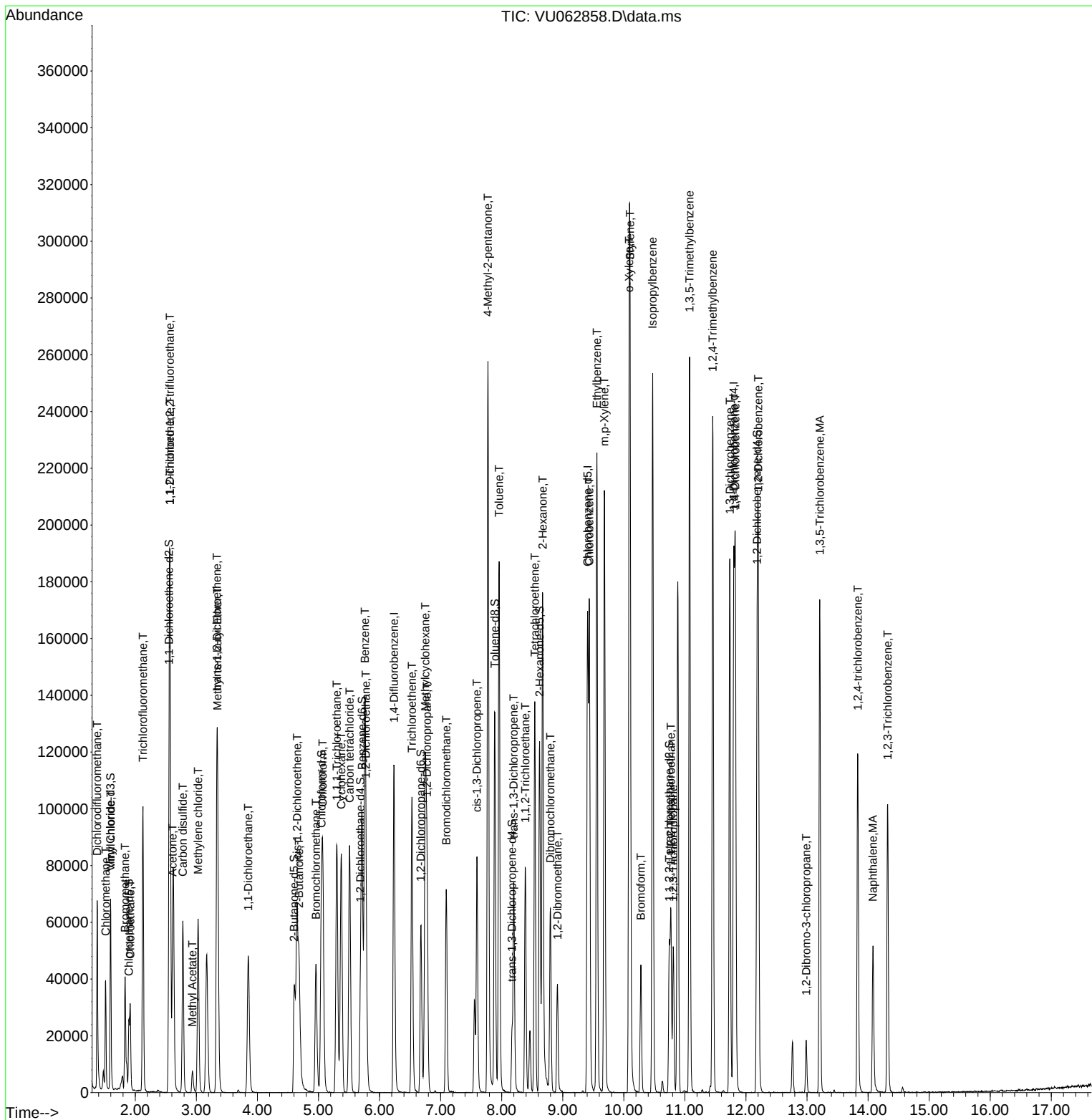
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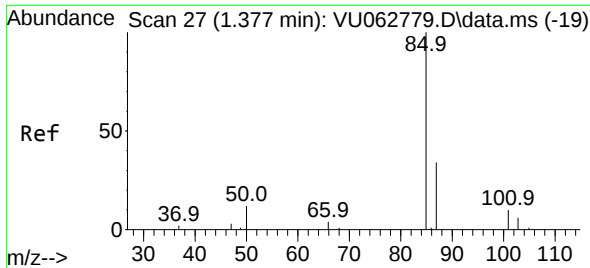
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	46027	4.939	ug/L	99
29) 1,1,1-Trichloroethane	5.300	97	66427	4.898	ug/L	100
30) Cyclohexane	5.373	56	39254	4.433	ug/L	92
31) Carbon tetrachloride	5.512	117	62819	5.041	ug/L	97
33) Benzene	5.759	78	119379	4.648	ug/L	100
34) Trichloroethene	6.531	95	35887	4.090	ug/L	99
35) Methylcyclohexane	6.750	83	47587	4.408	ug/L	97
37) 1,2-Dichloropropane	6.779	63	28098	4.637	ug/L #	95
38) Bromodichloromethane	7.094	83	48060	4.932	ug/L	97
39) cis-1,3-Dichloropropene	7.595	75	47051	4.561	ug/L	99
40) 4-Methyl-2-pentanone	7.775	43	137736	48.662	ug/L	98
42) Toluene	7.959	91	135577	4.817	ug/L	99
44) trans-1,3-Dichloropropene	8.197	75	43349	4.874	ug/L	97
45) 1,1,2-Trichloroethane	8.386	97	24106	4.898	ug/L	93
47) Tetrachloroethene	8.544	164	30046	4.972	ug/L	95
48) 2-Hexanone	8.672	43	93841	46.116	ug/L	98
49) Dibromochloromethane	8.798	129	33821	5.119	ug/L	96
50) 1,2-Dibromoethane	8.914	107	23930	5.083	ug/L	100
51) Chlorobenzene	9.438	112	90246	4.903	ug/L	98
52) Ethylbenzene	9.560	91	156087	4.887	ug/L	98
53) m,p-Xylene	9.682	106	59582	4.988	ug/L	99
54) o-Xylene	10.090	106	57170	4.997	ug/L	97
55) Styrene	10.103	104	95195	4.974	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	27372	4.958	ug/L #	97
59) Bromoform	10.280	173	20490	4.941	ug/L	98
60) Isopropylbenzene	10.473	105	164461	5.020	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	20837	4.941	ug/L	96
62) 1,3,5-Trimethylbenzene	11.077	105	142925	5.133	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	137141	5.091	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	76120	5.012	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	74769	4.882	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	71159	4.999	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	5278	4.832	ug/L	94
69) 1,3,5-Trichlorobenzene	13.209	180	54420	4.757	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	38328	4.160	ug/L	98
71) Naphthalene	14.081	128	48595	3.605	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	33149	4.128	ug/L	94

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

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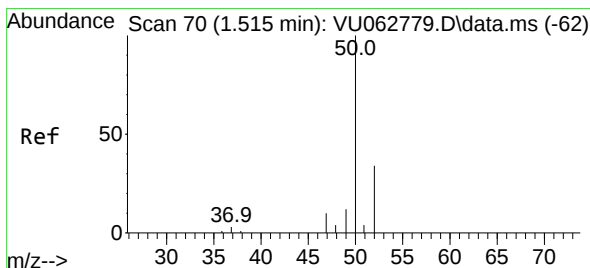
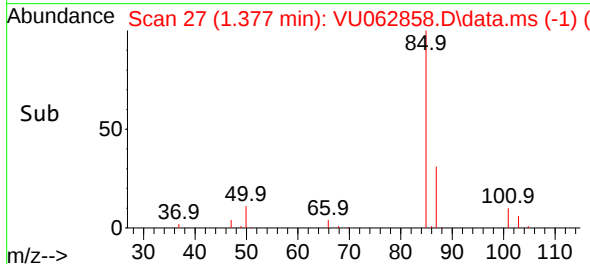
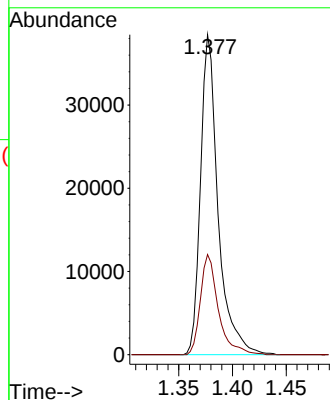
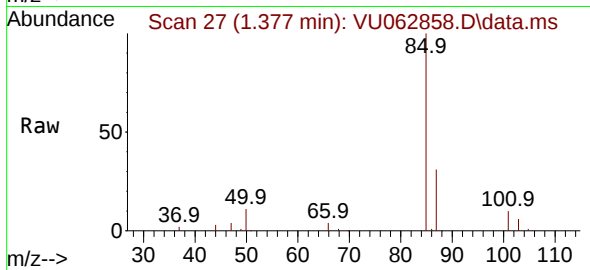




#2
Dichlorodifluoromethane
Concen: 4.705 ug/L
RT: 1.377 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062858.D
Acq: 17 Jan 2025 09:14

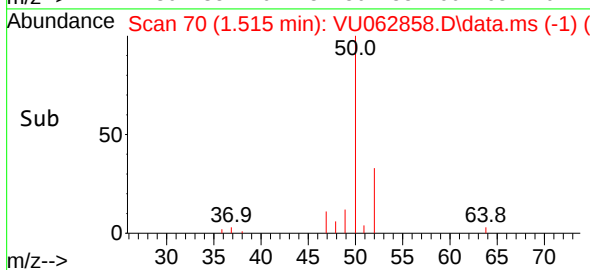
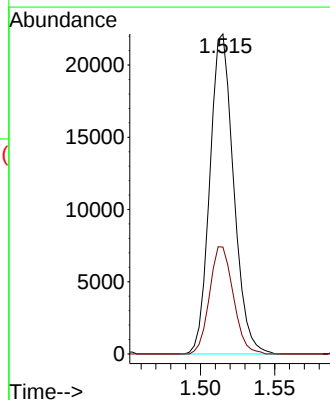
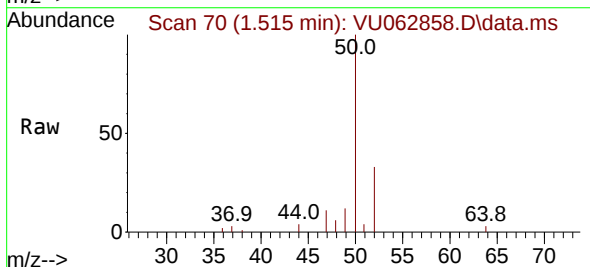
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MSVOA_U
ClientSampleId :

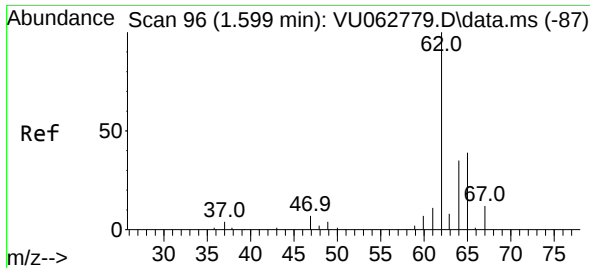
Tgt Ion: 85 Resp: 43648
Ion Ratio Lower Upper
85 100
87 32.0 26.1 39.1



#3
Chloromethane
Concen: 3.965 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU062858.D
Acq: 17 Jan 2025 09:14

Tgt Ion: 50 Resp: 24687
Ion Ratio Lower Upper
50 100
52 33.4 24.1 44.7

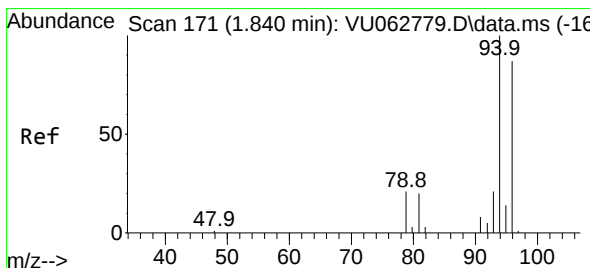
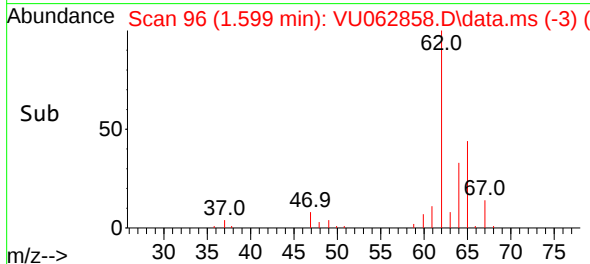
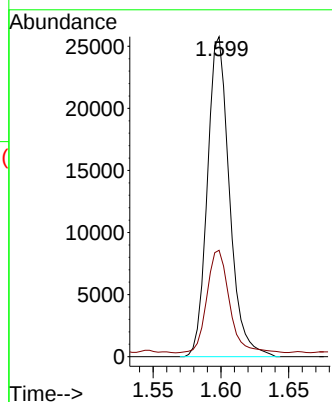
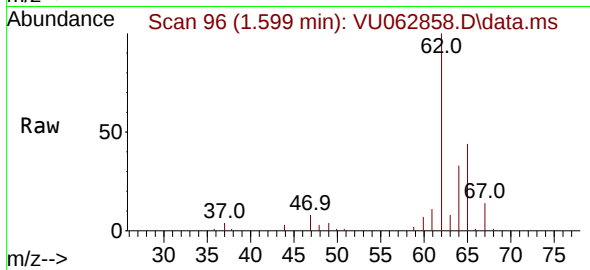




#5
 Vinyl chloride
 Concen: 4.170 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU062858.D
 Acq: 17 Jan 2025 09:14

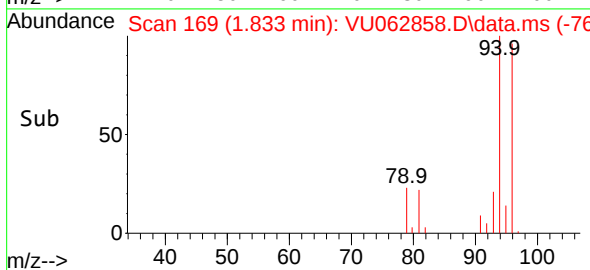
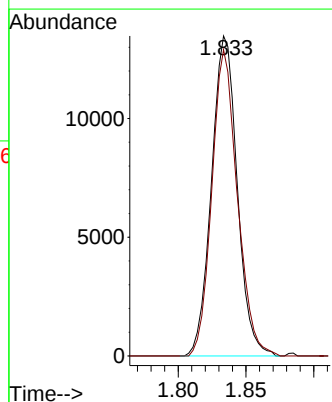
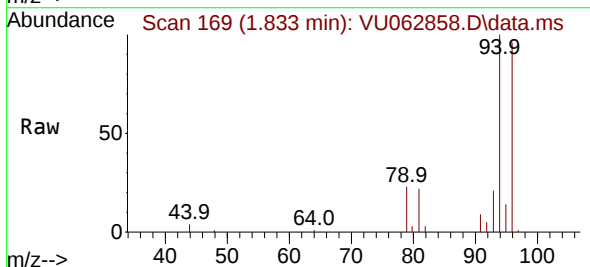
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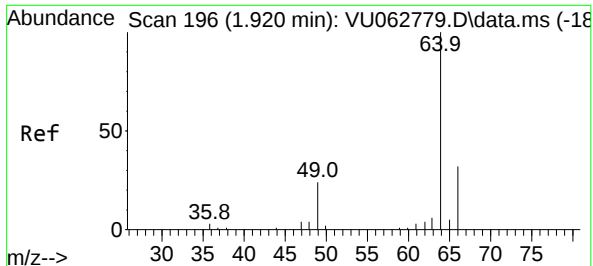
Tgt Ion: 62 Resp: 29231
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.4 43.4



#6
 Bromomethane
 Concen: 3.494 ug/L
 RT: 1.833 min Scan# 169
 Delta R.T. 0.000 min
 Lab File: VU062858.D
 Acq: 17 Jan 2025 09:14

Tgt Ion: 94 Resp: 17819
 Ion Ratio Lower Upper
 94 100
 96 95.7 62.9 116.7

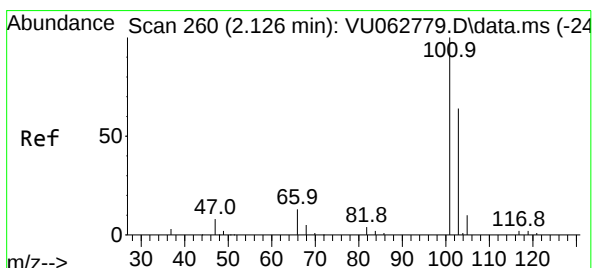
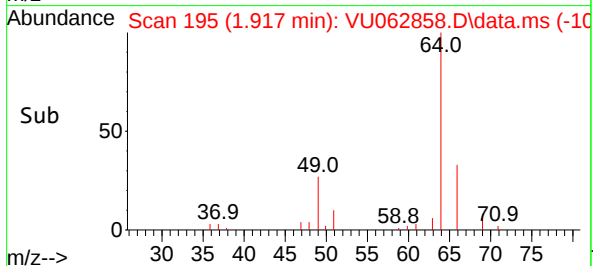
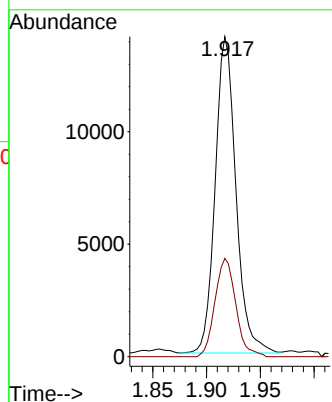
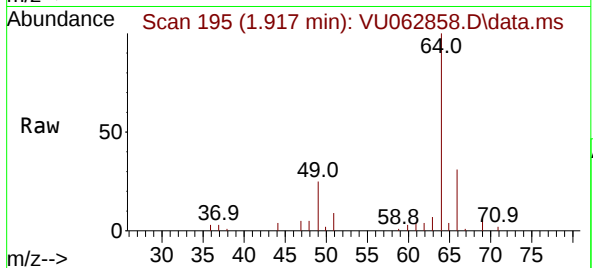




#8
Chloroethane
Concen: 4.486 ug/L
RT: 1.917 min Scan# 19
Delta R.T. 0.000 min
Lab File: VU062858.D
Acq: 17 Jan 2025 09:14

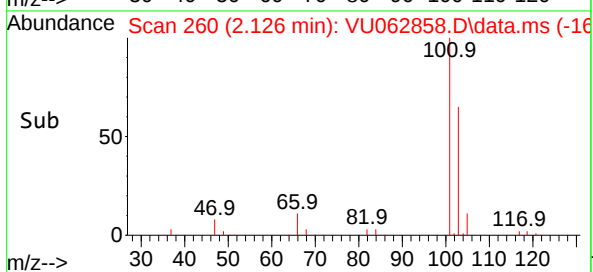
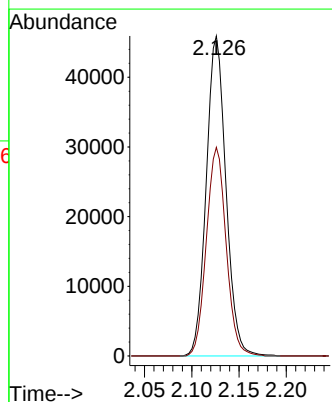
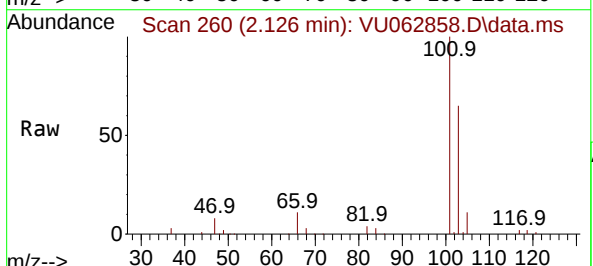
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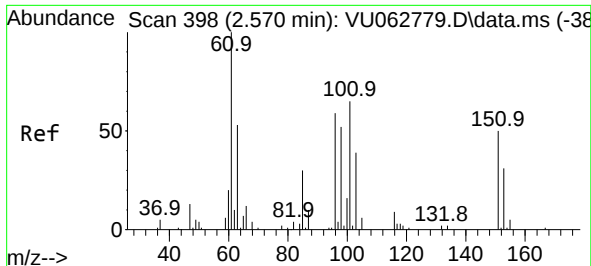
Tgt Ion: 64 Resp: 18895
Ion Ratio Lower Upper
64 100
66 30.7 21.6 40.2



#9
Trichlorofluoromethane
Concen: 4.710 ug/L
RT: 2.126 min Scan# 260
Delta R.T. 0.000 min
Lab File: VU062858.D
Acq: 17 Jan 2025 09:14

Tgt Ion:101 Resp: 66600
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.0

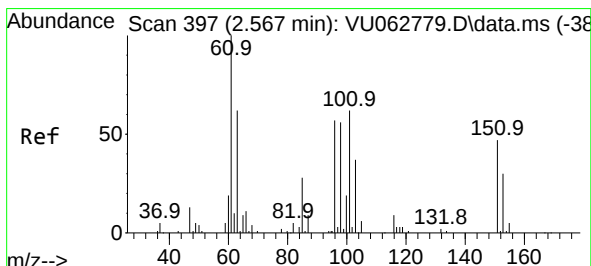
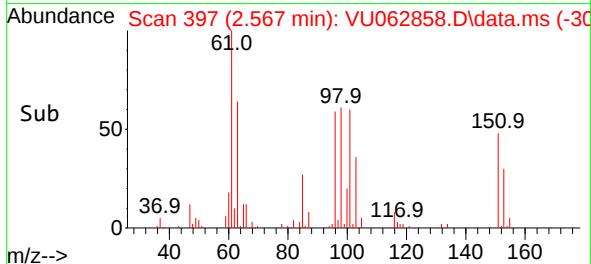
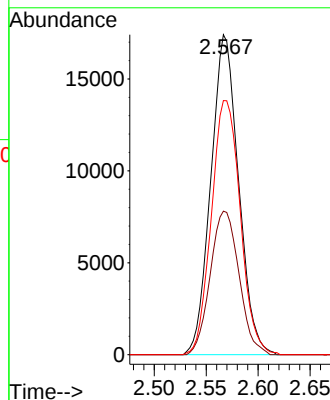
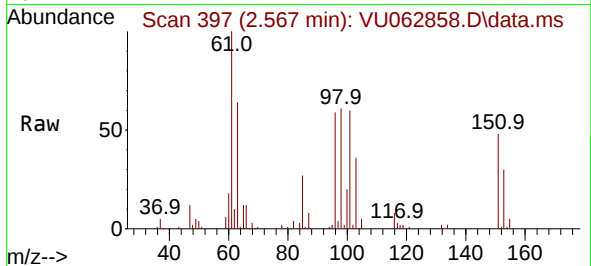




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.722 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. -0.003 min
 Lab File: VU062858.D
 Acq: 17 Jan 2025 09:14

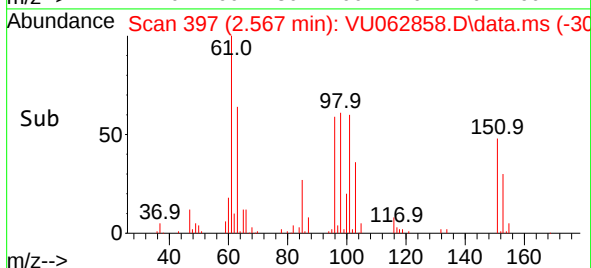
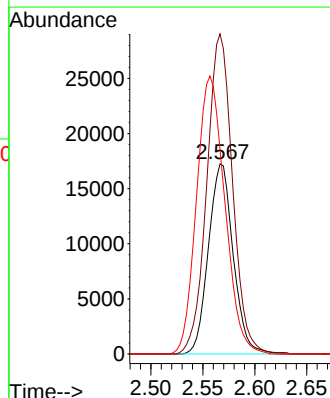
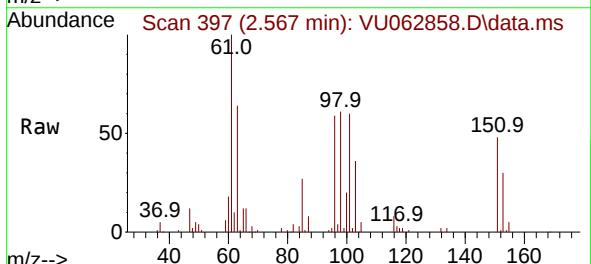
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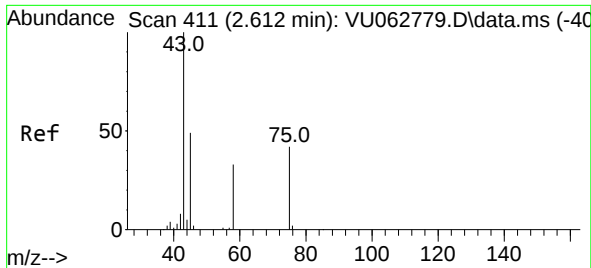
Tgt Ion:101 Resp: 32262
 Ion Ratio Lower Upper
 101 100
 85 46.6 37.0 55.6
 151 82.8 64.4 96.6



#12
 1,1-Dichloroethene
 Concen: 4.722 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: VU062858.D
 Acq: 17 Jan 2025 09:14

Tgt Ion: 96 Resp: 28544
 Ion Ratio Lower Upper
 96 100
 61 168.4 120.4 223.6
 63 107.5 82.3 152.9





#13

Acetone

Concen: 44.027 ug/L

RT: 2.612 min Scan# 411

Delta R.T. 0.000 min

Lab File: VU062858.D

Acq: 17 Jan 2025 09:14

Instrument :

MSVOA_U

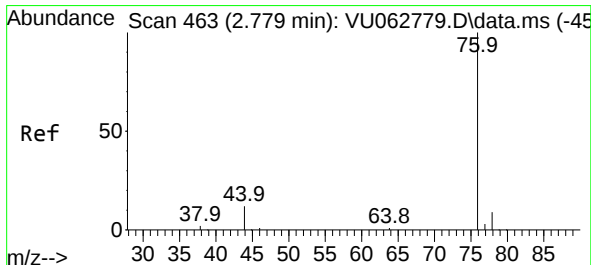
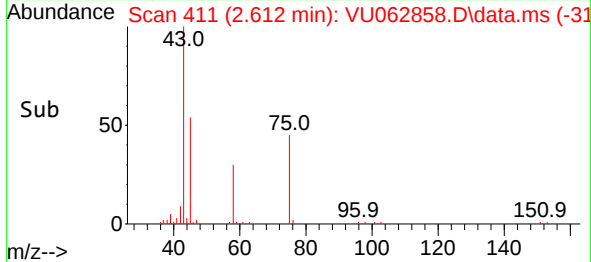
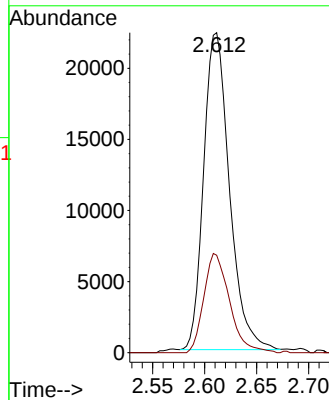
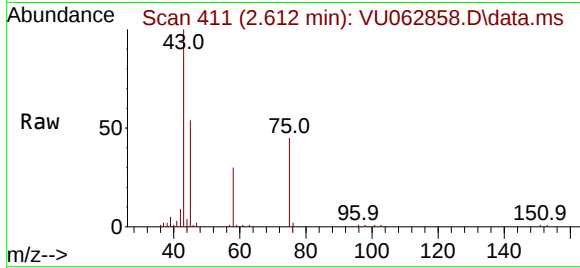
ClientSampleId :

Tgt Ion: 43 Resp: 38445

Ion Ratio Lower Upper

43 100

58 31.1 0.0 64.4



#14

Carbon disulfide

Concen: 4.136 ug/L

RT: 2.779 min Scan# 463

Delta R.T. 0.000 min

Lab File: VU062858.D

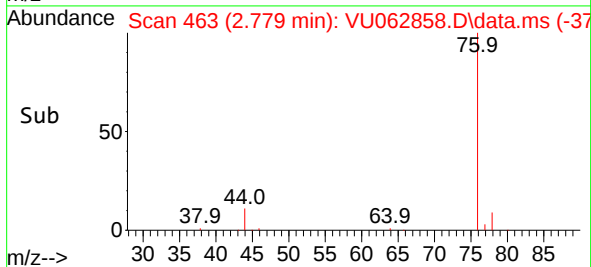
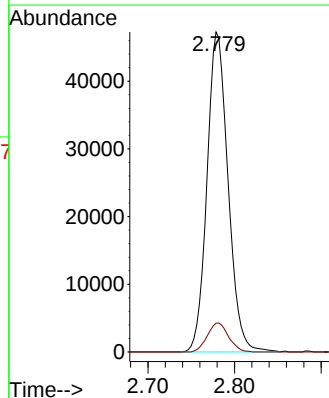
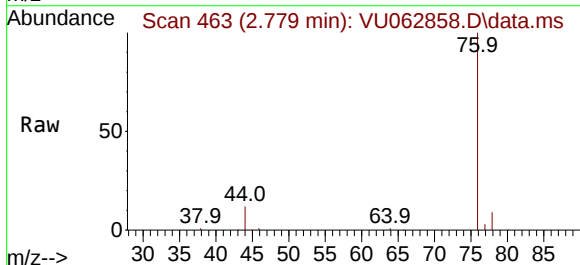
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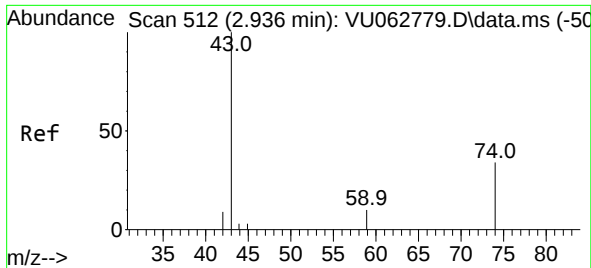
Tgt Ion: 76 Resp: 79857

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6

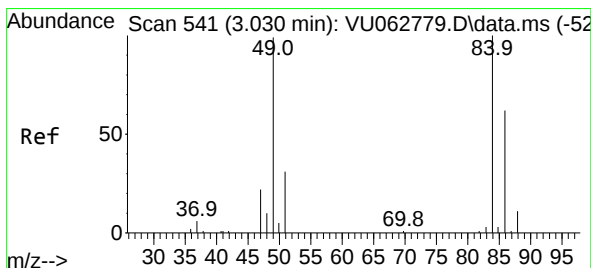
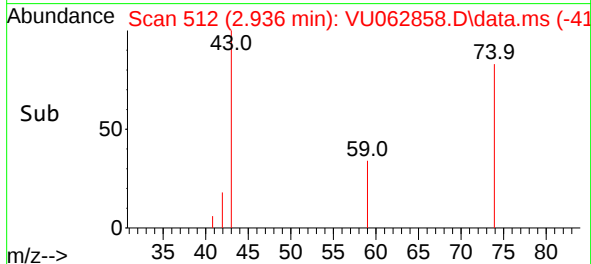
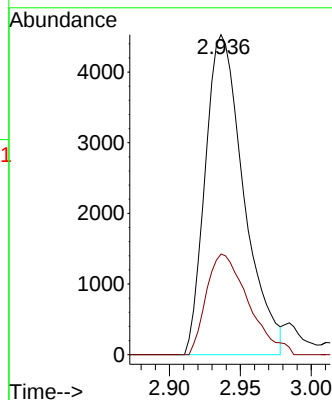
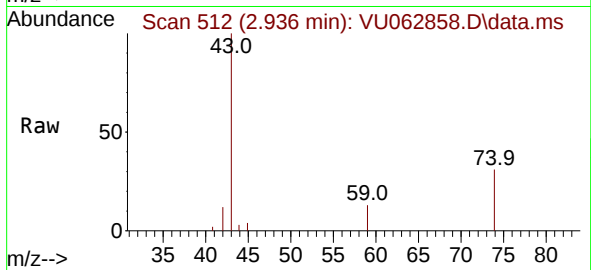




#15
Methyl Acetate
Concen: 4.528 ug/L
RT: 2.936 min Scan# 512
Delta R.T. 0.000 min
Lab File: VU062858.D
Acq: 17 Jan 2025 09:14

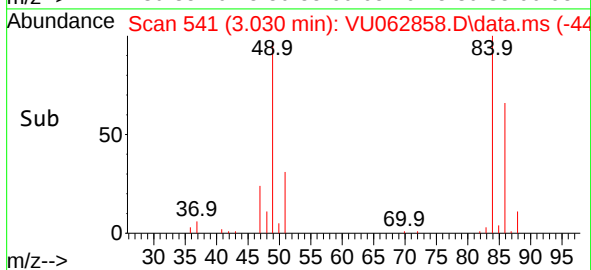
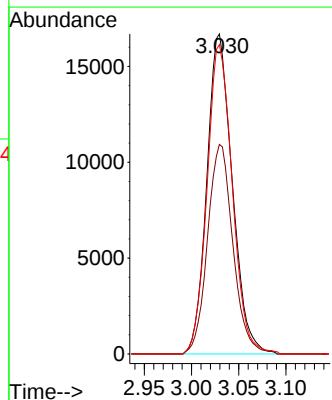
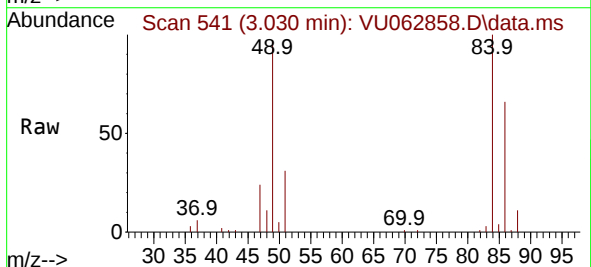
Instrument :
MSVOA_U
ClientSampleId :

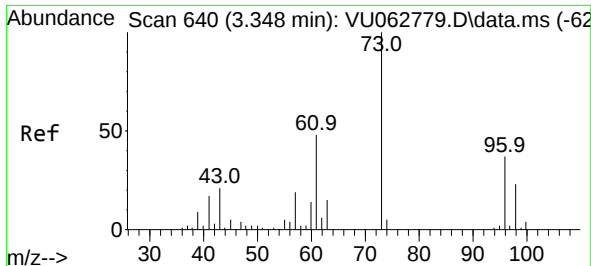
Tgt Ion: 43 Resp: 8562
Ion Ratio Lower Upper
43 100
74 34.2 24.4 36.6



#16
Methylene chloride
Concen: 4.712 ug/L
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU062858.D
Acq: 17 Jan 2025 09:14

Tgt Ion: 84 Resp: 31202
Ion Ratio Lower Upper
84 100
86 65.5 44.7 83.1
49 96.6 68.3 126.9





#17

Methyl tert-butyl Ether

Concen: 4.892 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.000 min

Lab File: VU062858.D

Acq: 17 Jan 2025 09:14

Instrument :

MSVOA_U

ClientSampleId :

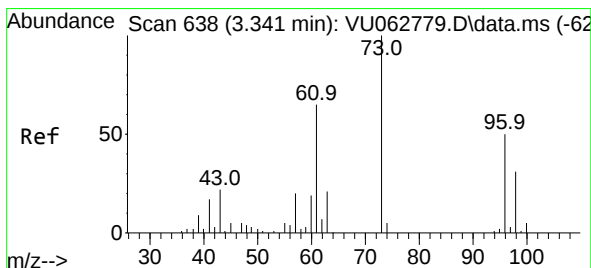
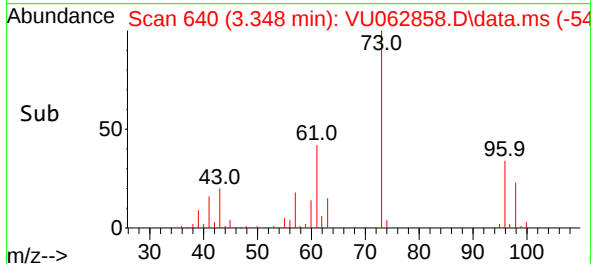
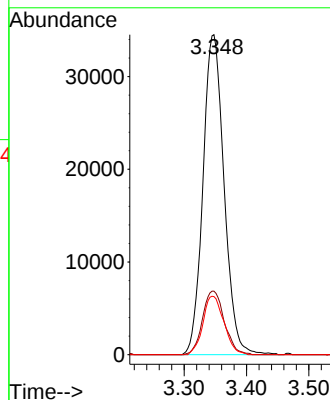
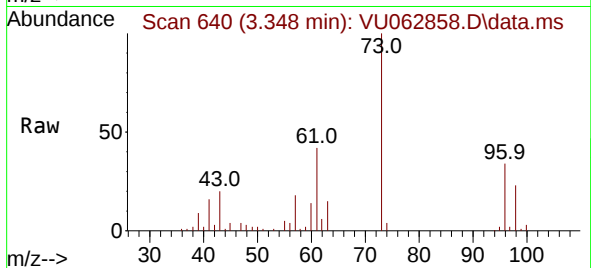
Tgt Ion: 73 Resp: 81280

Ion Ratio Lower Upper

73 100

43 20.5 16.2 24.4

57 18.1 14.6 22.0



#18

trans-1,2-Dichloroethene

Concen: 4.652 ug/L

RT: 3.338 min Scan# 637

Delta R.T. 0.000 min

Lab File: VU062858.D

Acq: 17 Jan 2025 09:14

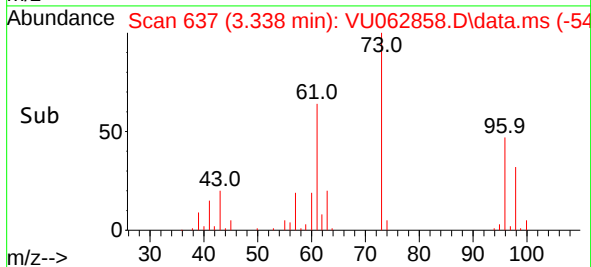
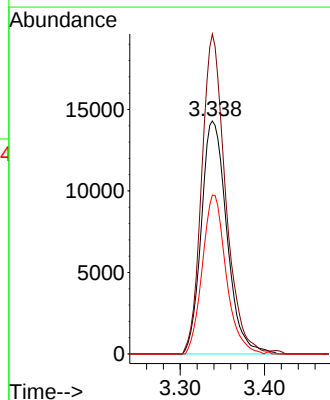
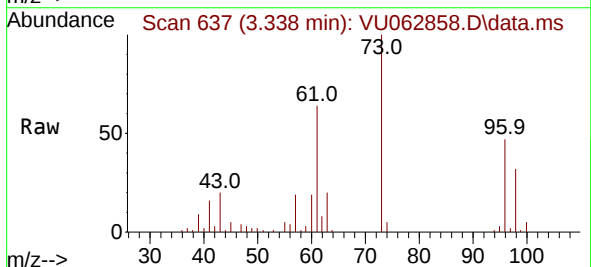
Tgt Ion: 96 Resp: 30131

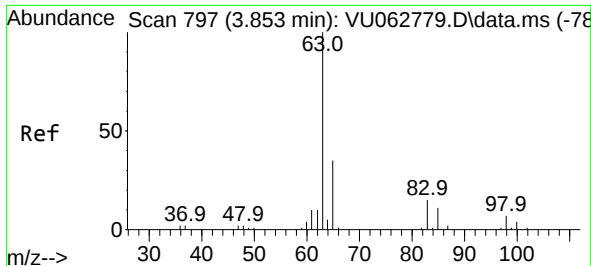
Ion Ratio Lower Upper

96 100

61 137.4 94.4 175.2

98 68.2 42.8 79.4





#19

1,1-Dichloroethane

Concen: 4.607 ug/L

RT: 3.849 min Scan# 797

Delta R.T. -0.003 min

Lab File: VU062858.D

Acq: 17 Jan 2025 09:14

Instrument :

MSVOA_U

ClientSampleId :

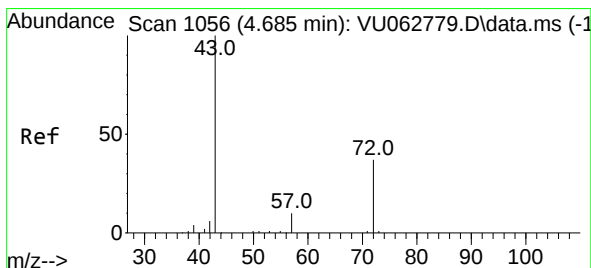
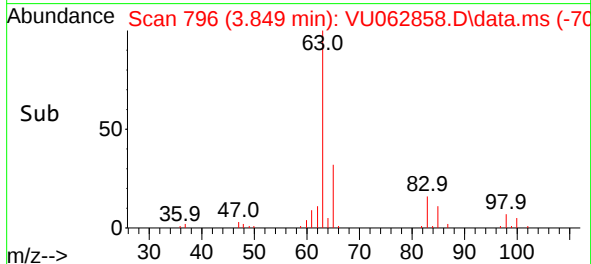
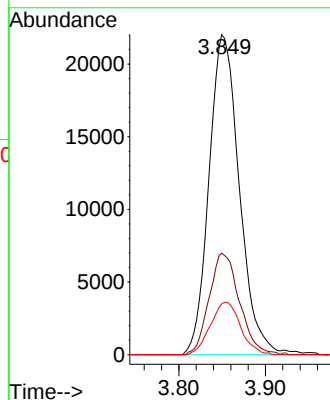
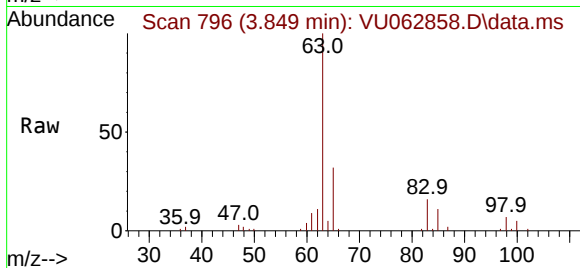
Tgt Ion: 63 Resp: 53343

Ion Ratio Lower Upper

63 100

65 31.7 20.7 38.5

83 15.8 10.5 19.5



#21

2-Butanone

Concen: 46.466 ug/L

RT: 4.682 min Scan# 1055

Delta R.T. -0.003 min

Lab File: VU062858.D

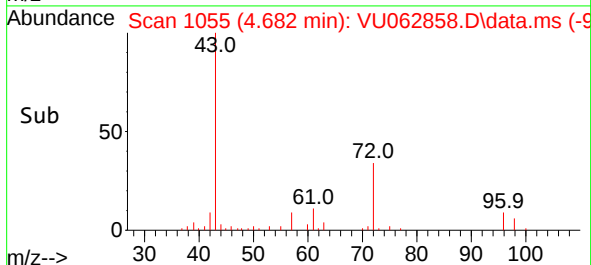
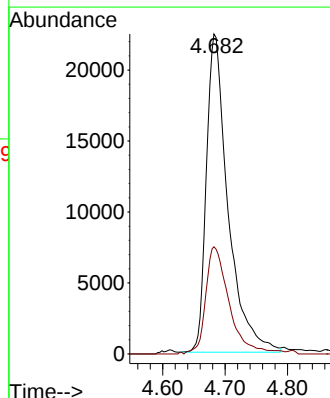
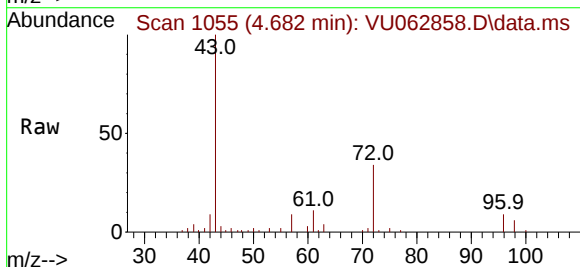
Acq: 17 Jan 2025 09:14

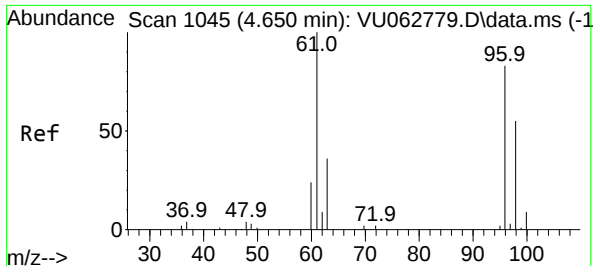
Tgt Ion: 43 Resp: 54037

Ion Ratio Lower Upper

43 100

72 36.7 17.1 51.2

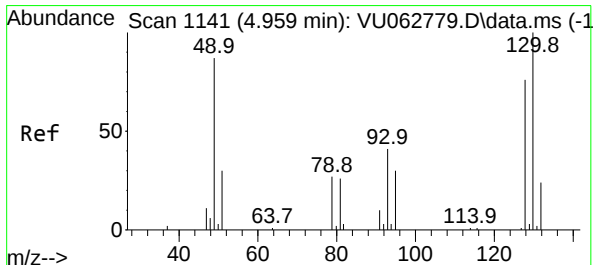
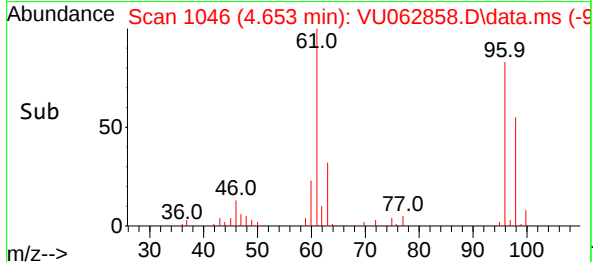
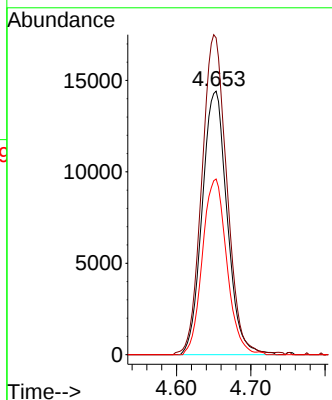
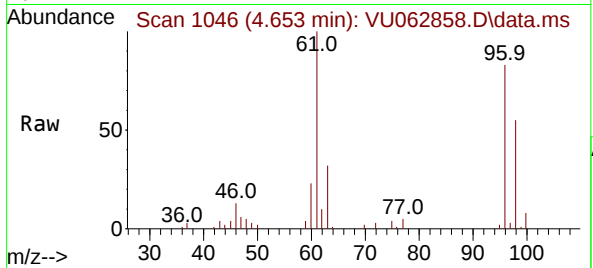




#22
 cis-1,2-Dichloroethene
 Concen: 4.770 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. 0.003 min
 Lab File: VU062858.D
 Acq: 17 Jan 2025 09:14

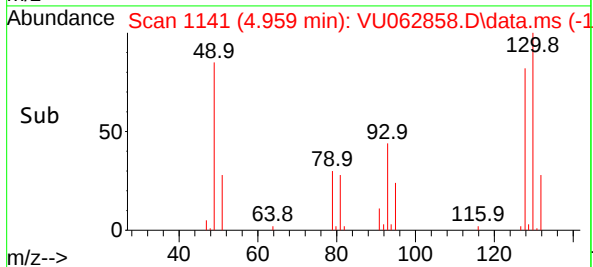
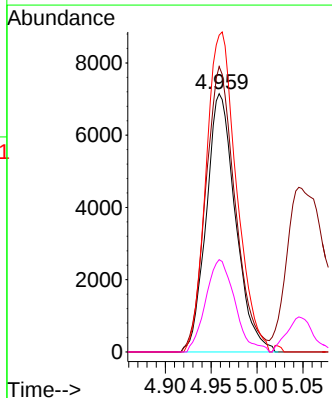
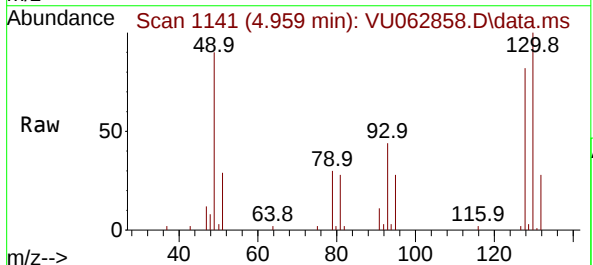
Instrument :
 MSVOA_U
 ClientSampleId :

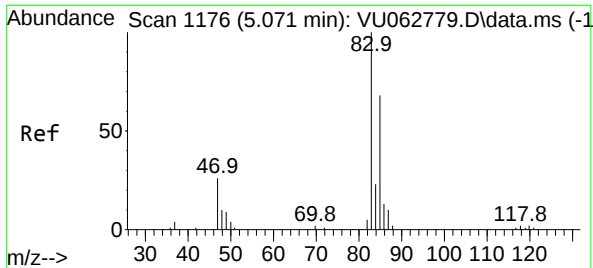
Tgt Ion: 96 Resp: 33644
 Ion Ratio Lower Upper
 96 100
 61 120.2 84.8 157.6
 98 66.7 43.1 80.1



#23
 Bromochloromethane
 Concen: 4.737 ug/L
 RT: 4.959 min Scan# 1141
 Delta R.T. -0.003 min
 Lab File: VU062858.D
 Acq: 17 Jan 2025 09:14

Tgt Ion:128 Resp: 15772
 Ion Ratio Lower Upper
 128 100
 49 110.5 81.1 150.7
 130 122.7 94.9 176.3
 51 35.7 30.6 46.0

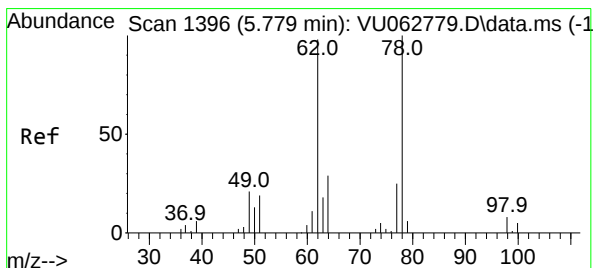
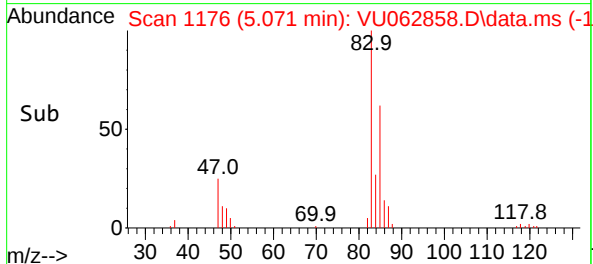
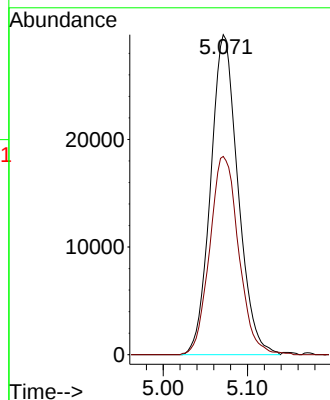
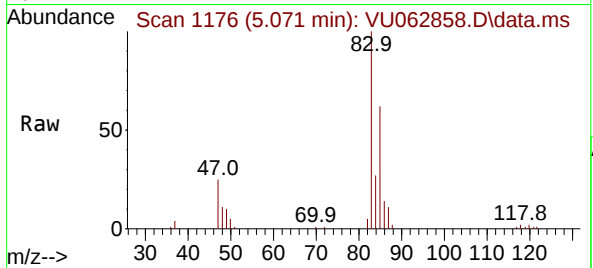




#25
Chloroform
Concen: 4.709 ug/L
RT: 5.071 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VU062858.D
Acq: 17 Jan 2025 09:14

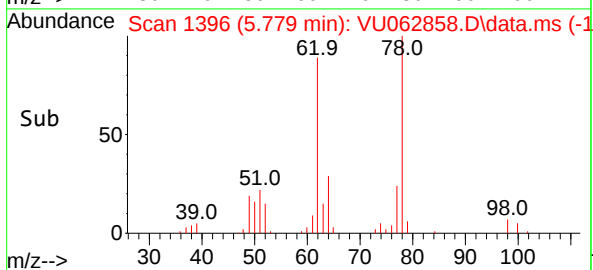
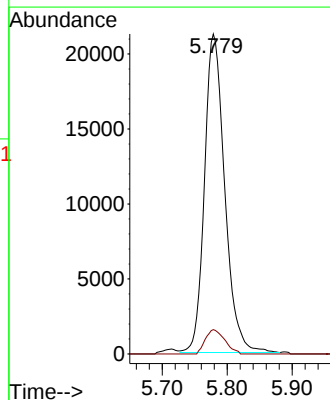
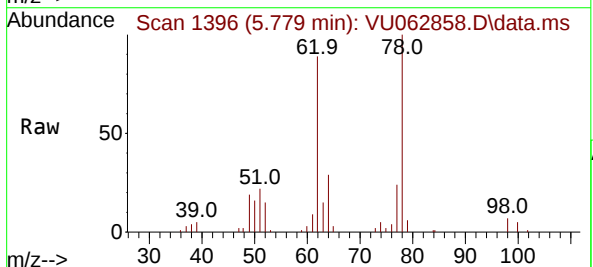
Instrument :
MSVOA_U
ClientSampleId :

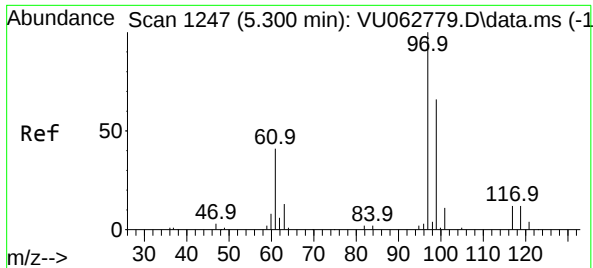
Tgt Ion: 83 Resp: 67100
Ion Ratio Lower Upper
83 100
85 62.0 45.8 85.2



#27
1,2-Dichloroethane
Concen: 4.939 ug/L
RT: 5.779 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VU062858.D
Acq: 17 Jan 2025 09:14

Tgt Ion: 62 Resp: 46027
Ion Ratio Lower Upper
62 100
98 7.6 5.8 8.6

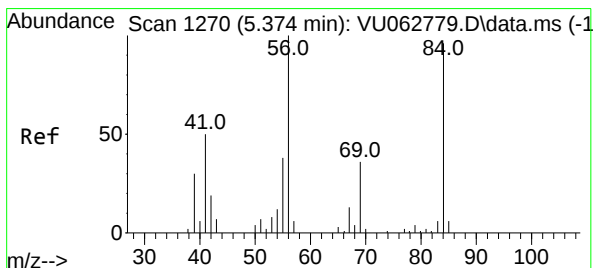
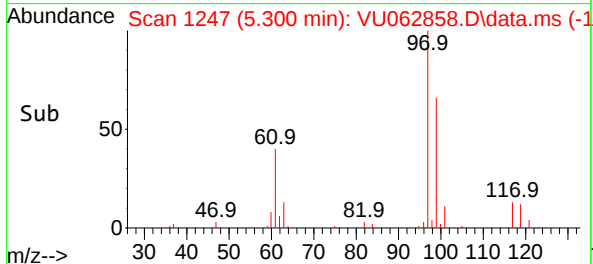
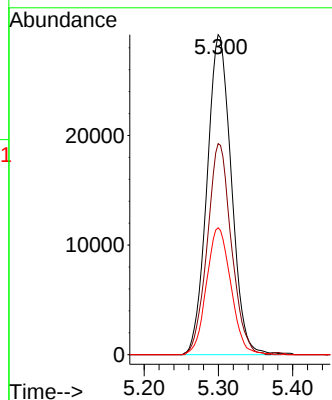
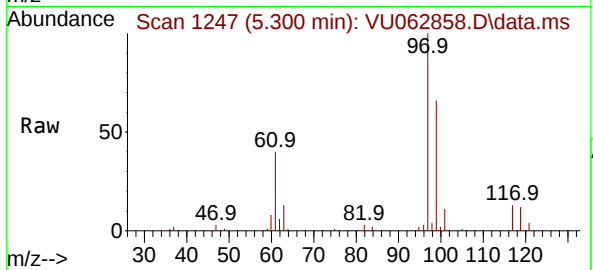




#29
1,1,1-Trichloroethane
Concen: 4.898 ug/L
RT: 5.300 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU062858.D
Acq: 17 Jan 2025 09:14

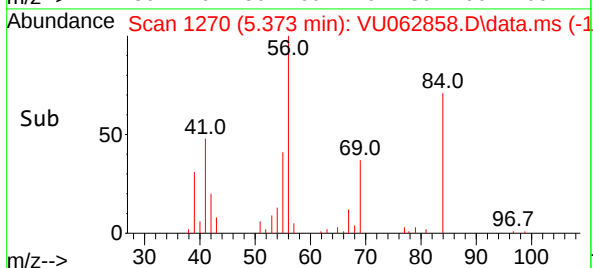
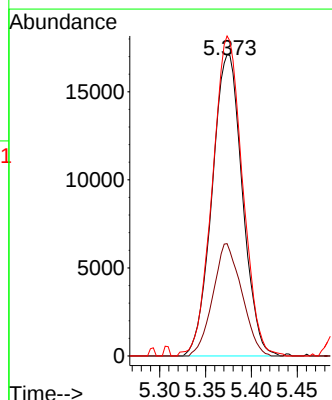
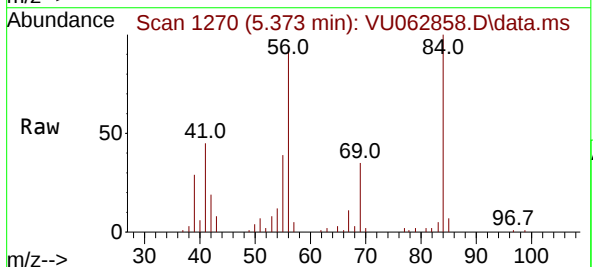
Instrument :
MSVOA_U
ClientSampleId :

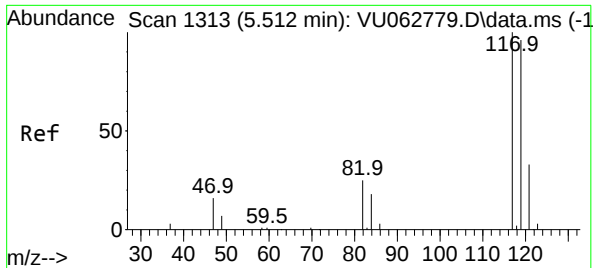
Tgt Ion: 97 Resp: 66427
Ion Ratio Lower Upper
97 100
99 65.4 52.4 78.6
61 39.9 32.2 48.4



#30
Cyclohexane
Concen: 4.433 ug/L
RT: 5.373 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VU062858.D
Acq: 17 Jan 2025 09:14

Tgt Ion: 56 Resp: 39254
Ion Ratio Lower Upper
56 100
69 35.6 28.3 42.5
84 105.8 76.5 114.7

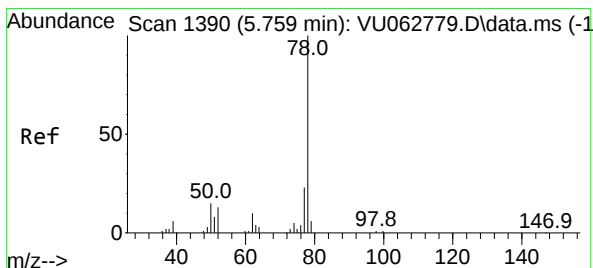
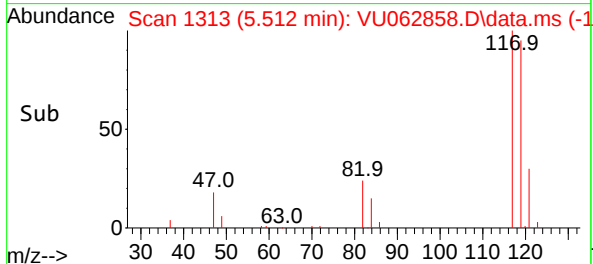
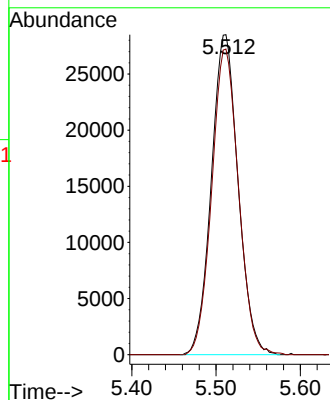
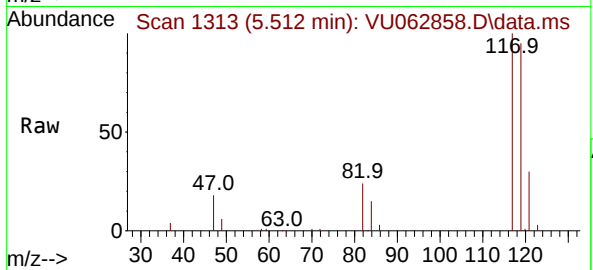




#31
Carbon tetrachloride
Concen: 5.041 ug/L
RT: 5.512 min Scan# 1117
Delta R.T. 0.003 min
Lab File: VU062858.D
Acq: 17 Jan 2025 09:14

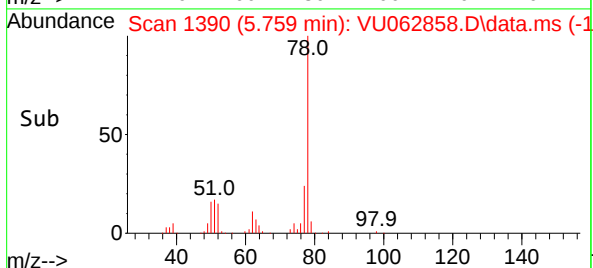
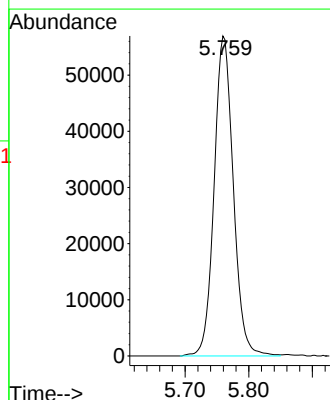
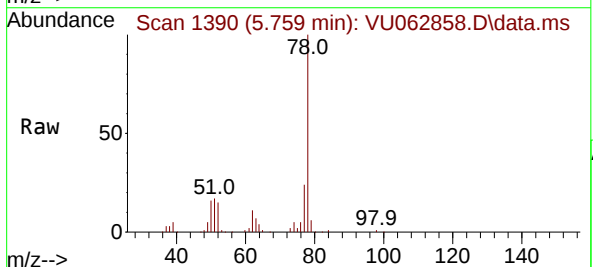
Instrument :
MSVOA_U
ClientSampleId :

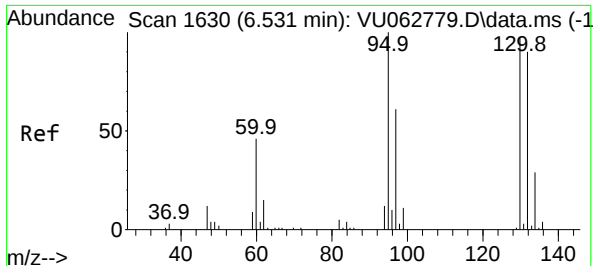
Tgt Ion:117 Resp: 62819
Ion Ratio Lower Upper
117 100
119 95.6 78.6 118.0



#33
Benzene
Concen: 4.648 ug/L
RT: 5.759 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VU062858.D
Acq: 17 Jan 2025 09:14

Tgt Ion: 78 Resp: 119379

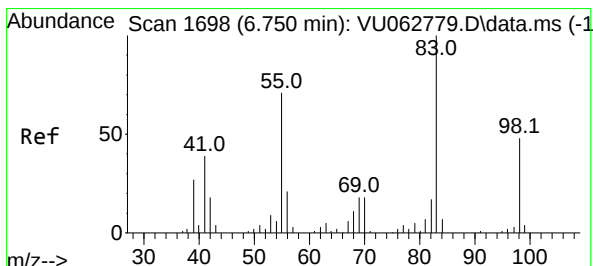
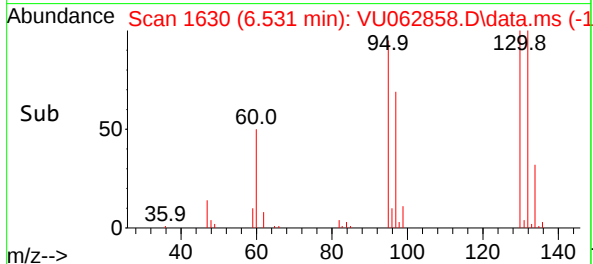
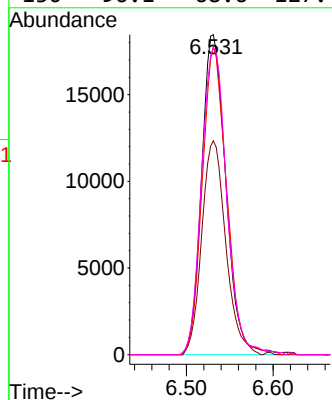
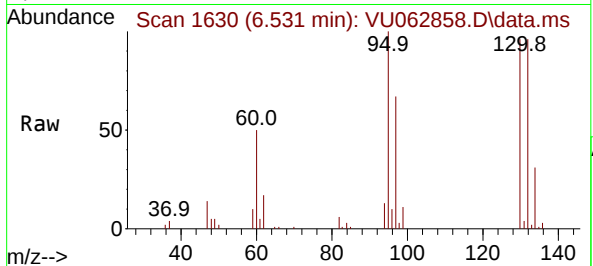




#34
Trichloroethene
Concen: 4.090 ug/L
RT: 6.531 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU062858.D
Acq: 17 Jan 2025 09:14

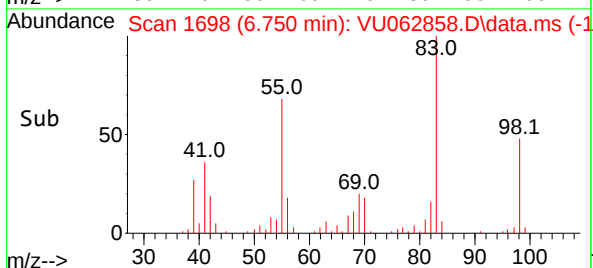
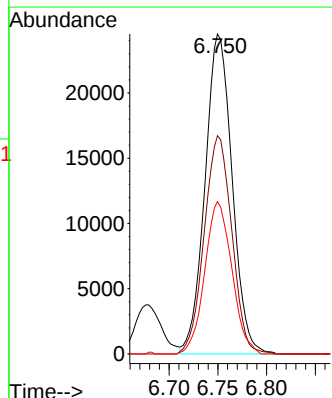
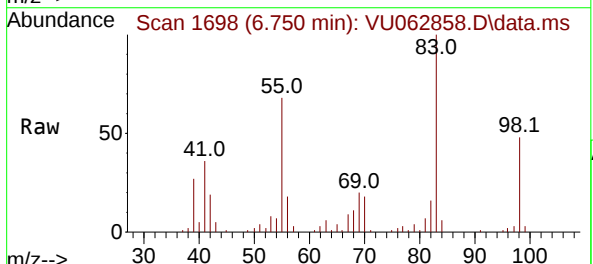
Instrument :
MSVOA_U
ClientSampleId :

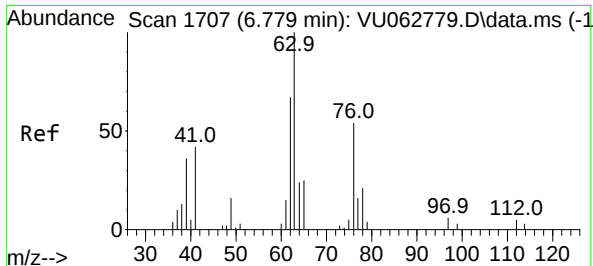
Tgt Ion: 95 Resp: 35887
Ion Ratio Lower Upper
95 100
97 66.8 47.5 88.3
132 96.3 66.9 124.3
130 96.1 68.6 127.4



#35
Methylcyclohexane
Concen: 4.408 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU062858.D
Acq: 17 Jan 2025 09:14

Tgt Ion: 83 Resp: 47587
Ion Ratio Lower Upper
83 100
55 69.1 57.2 85.8
98 47.4 36.6 55.0





#37

1,2-Dichloropropane

Concen: 4.637 ug/L

RT: 6.779 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU062858.D

Acq: 17 Jan 2025 09:14

Instrument :

MSVOA_U

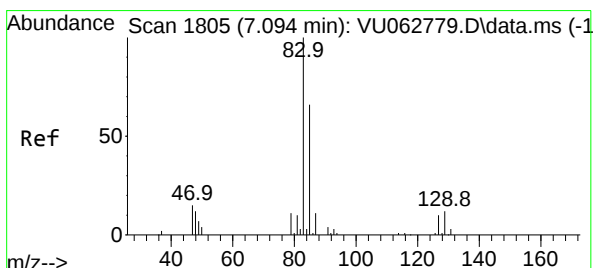
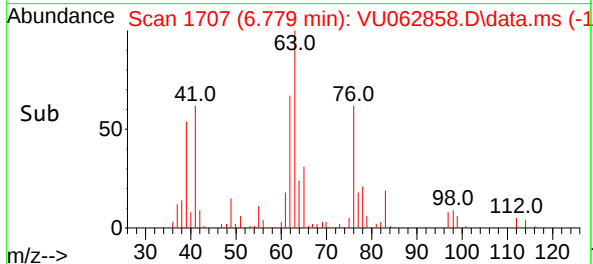
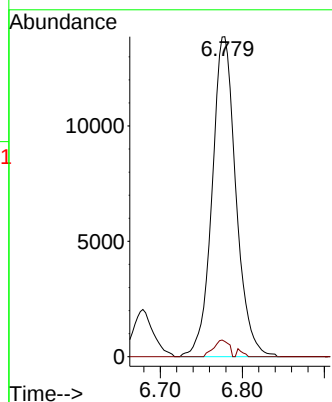
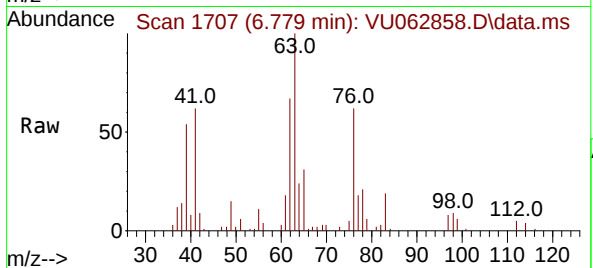
ClientSampleId :

Tgt Ion: 63 Resp: 28098

Ion Ratio Lower Upper

63 100

112 3.3 3.8 5.8#



#38

Bromodichloromethane

Concen: 4.932 ug/L

RT: 7.094 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VU062858.D

Acq: 17 Jan 2025 09:14

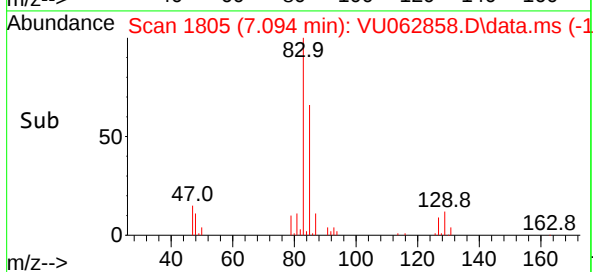
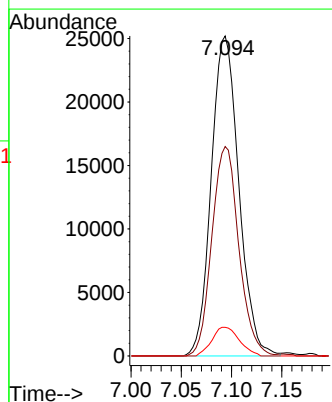
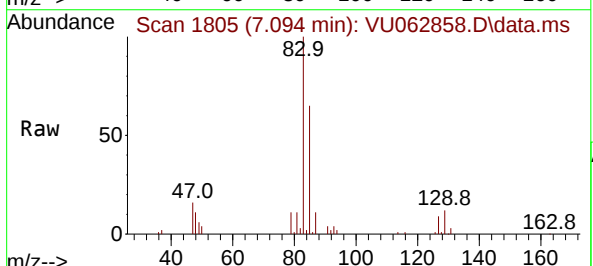
Tgt Ion: 83 Resp: 48060

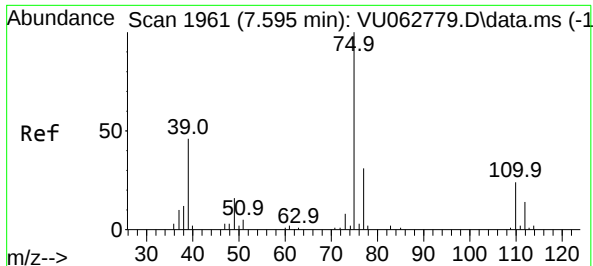
Ion Ratio Lower Upper

83 100

85 65.4 44.2 82.0

127 8.9 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 4.561 ug/L

RT: 7.595 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VU062858.D

Acq: 17 Jan 2025 09:14

Instrument :

MSVOA_U

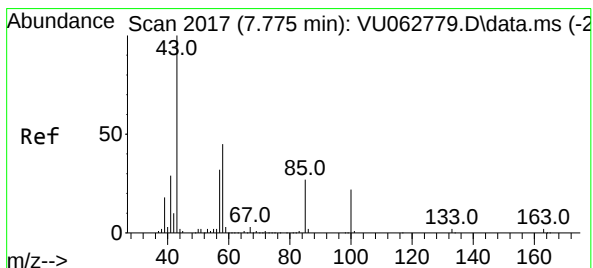
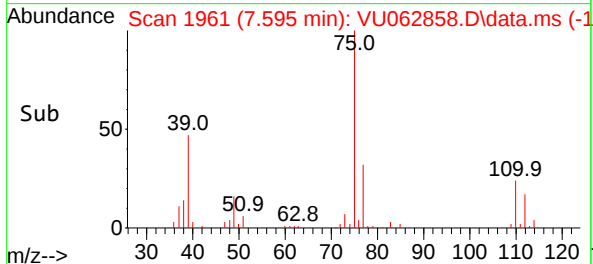
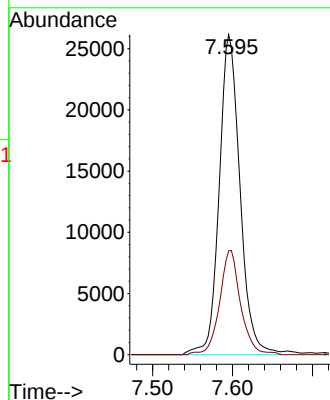
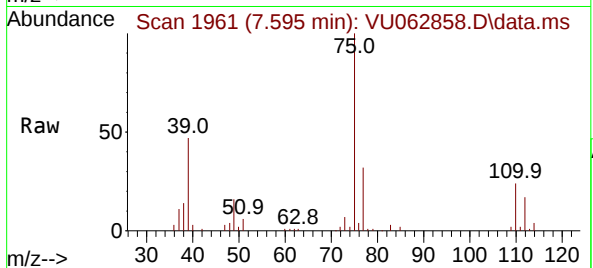
ClientSampleId :

Tgt Ion: 75 Resp: 47051

Ion Ratio Lower Upper

75 100

77 32.5 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 48.662 ug/L

RT: 7.775 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VU062858.D

Acq: 17 Jan 2025 09:14

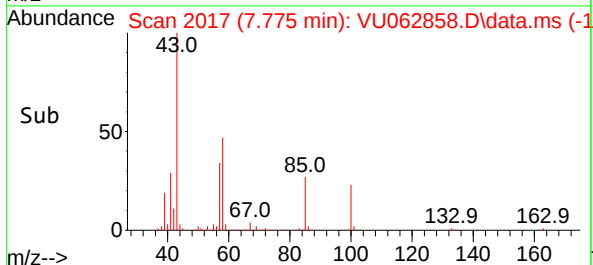
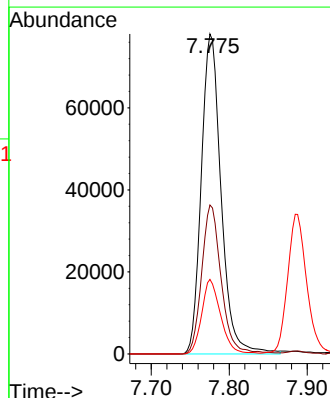
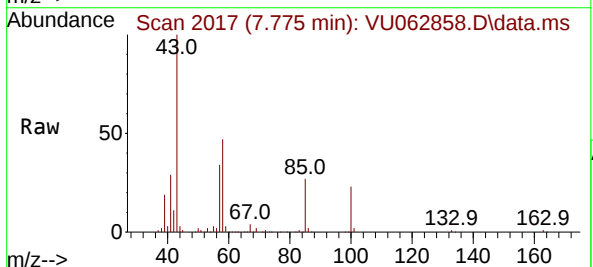
Tgt Ion: 43 Resp: 137736

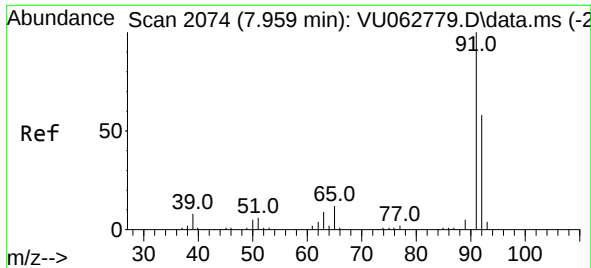
Ion Ratio Lower Upper

43 100

58 46.0 35.8 53.8

100 22.3 16.8 25.2





#42

Toluene

Concen: 4.817 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU062858.D

Acq: 17 Jan 2025 09:14

Instrument :

MSVOA_U

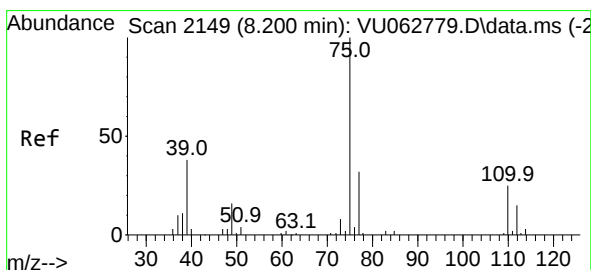
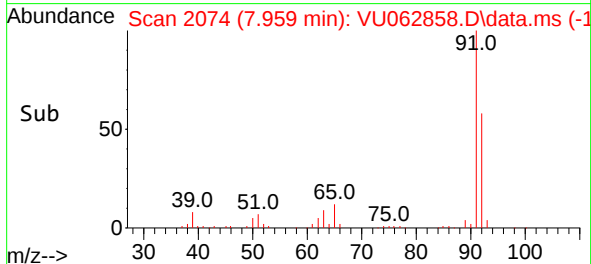
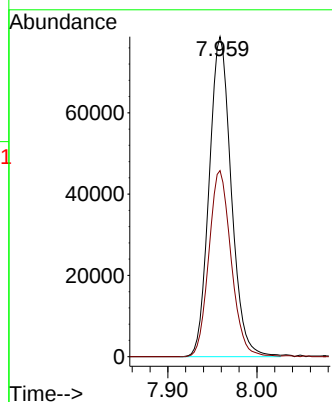
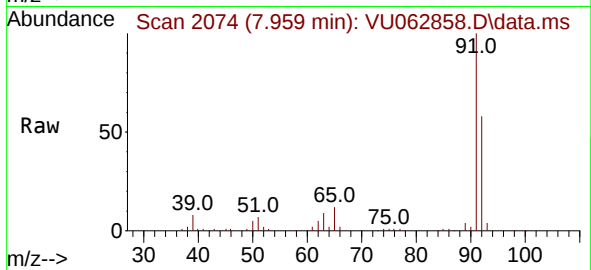
ClientSampleId :

Tgt Ion: 91 Resp: 135577

Ion Ratio Lower Upper

91 100

92 58.1 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.874 ug/L

RT: 8.197 min Scan# 2148

Delta R.T. -0.003 min

Lab File: VU062858.D

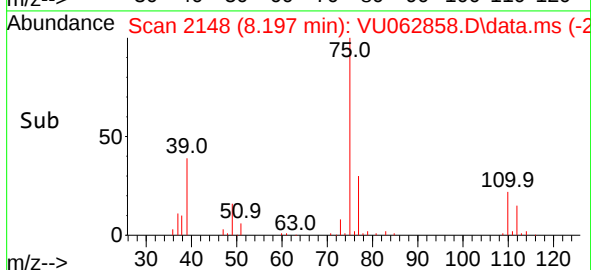
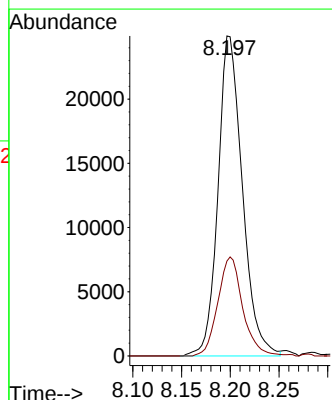
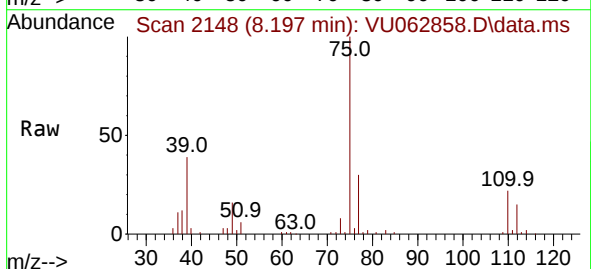
Acq: 17 Jan 2025 09:14

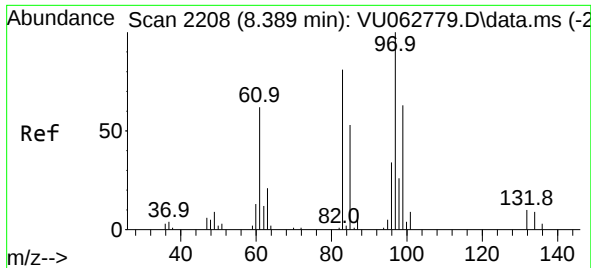
Tgt Ion: 75 Resp: 43349

Ion Ratio Lower Upper

75 100

77 29.6 21.8 40.6

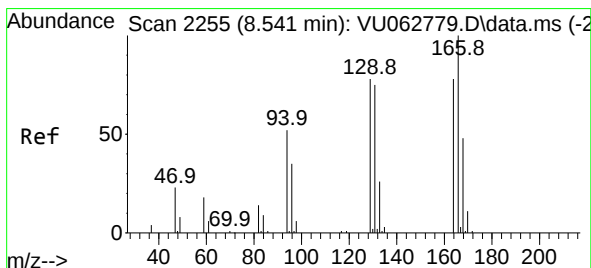
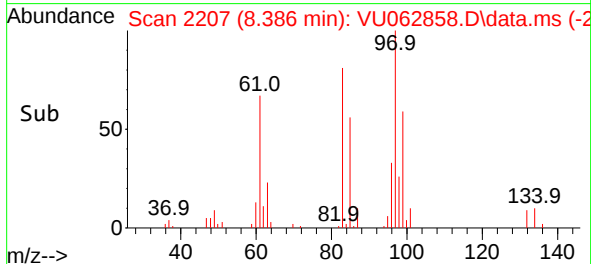
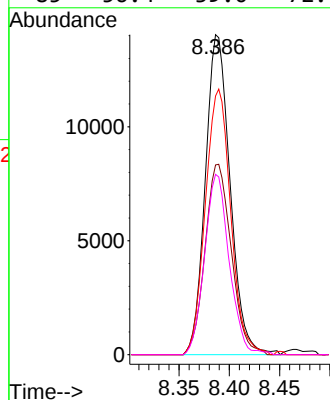
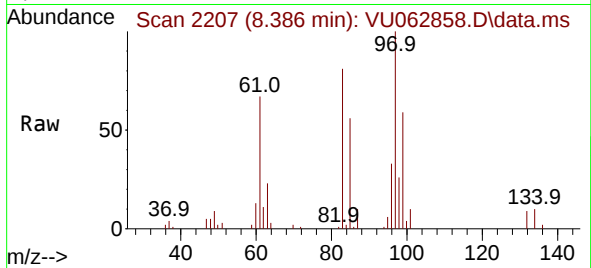




#45
1,1,2-Trichloroethane
Concen: 4.898 ug/L
RT: 8.386 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062858.D
Acq: 17 Jan 2025 09:14

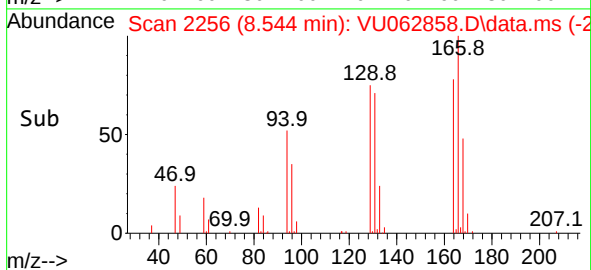
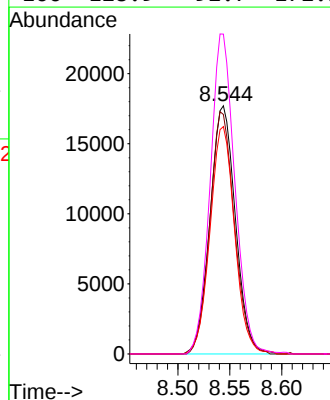
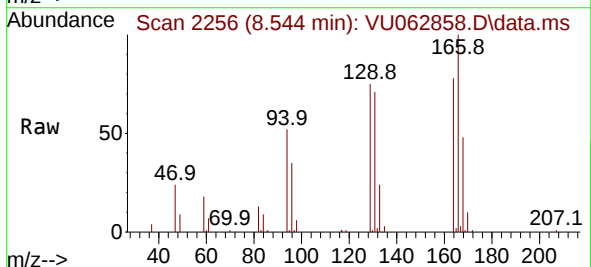
Instrument :
MSVOA_U
ClientSampleId :

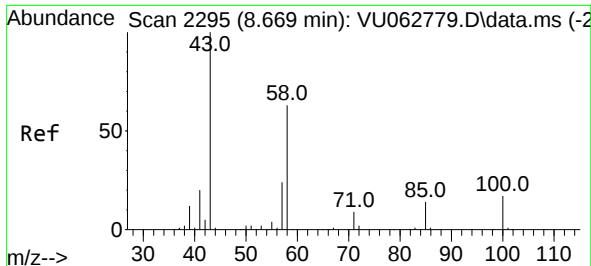
Tgt Ion:	97	Resp:	24106
Ion	Ratio	Lower	Upper
97	100		
99	59.3	45.6	84.6
83	80.9	63.0	117.0
85	56.4	39.0	72.4



#47
Tetrachloroethene
Concen: 4.972 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU062858.D
Acq: 17 Jan 2025 09:14

Tgt Ion:	164	Resp:	30046
Ion	Ratio	Lower	Upper
164	100		
129	96.5	71.0	131.9
131	91.6	69.4	129.0
166	128.9	92.7	172.3

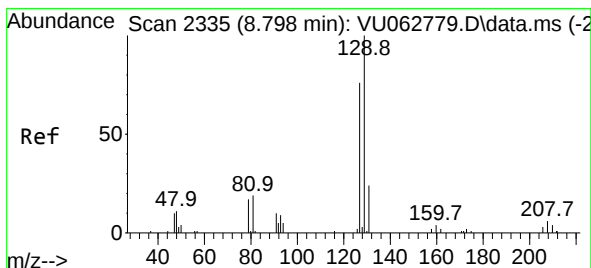
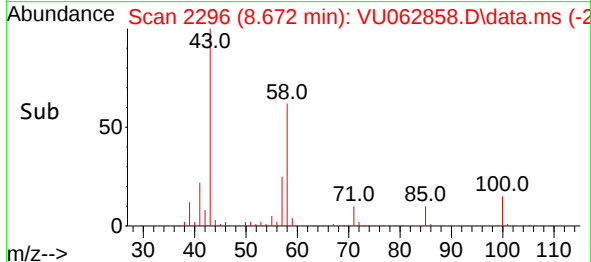
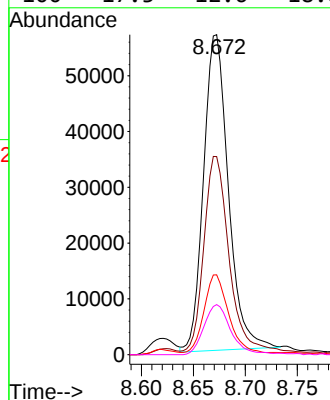
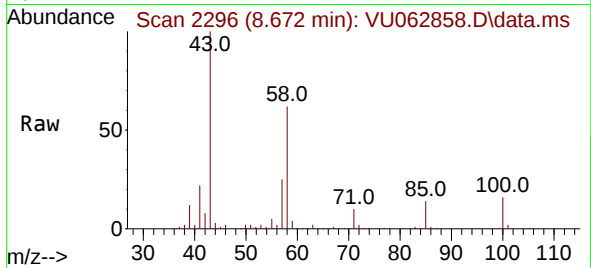




#48
2-Hexanone
Concen: 46.116 ug/L
RT: 8.672 min Scan# 2296
Delta R.T. 0.003 min
Lab File: VU062858.D
Acq: 17 Jan 2025 09:14

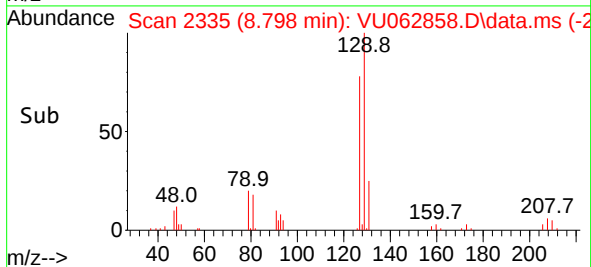
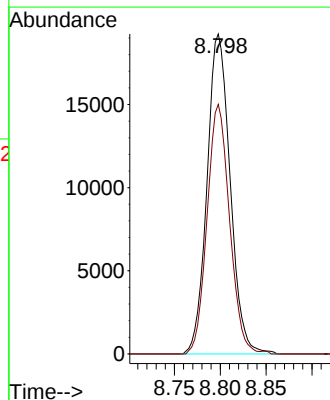
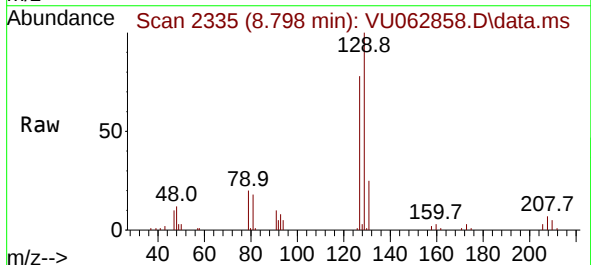
Instrument :
MSVOA_U
ClientSampleId :

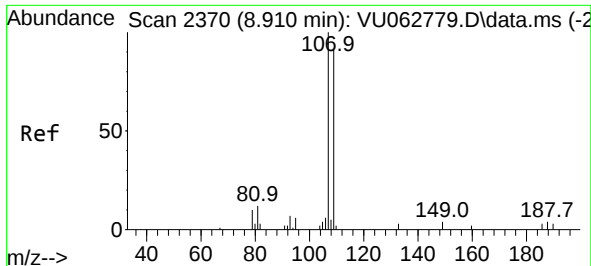
Tgt Ion: 43	Resp: 93841
Ion Ratio	Lower Upper
43 100	
58 64.2	50.2 75.4
57 24.4	19.9 29.9
100 17.3	12.6 18.8



#49
Dibromochloromethane
Concen: 5.119 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VU062858.D
Acq: 17 Jan 2025 09:14

Tgt Ion:129	Resp: 33821		
Ion Ratio	Lower	Upper	
129 100			
127 78.0	52.1	96.9	





#50

1,2-Dibromoethane

Concen: 5.083 ug/L

RT: 8.914 min Scan# 21

Delta R.T. 0.000 min

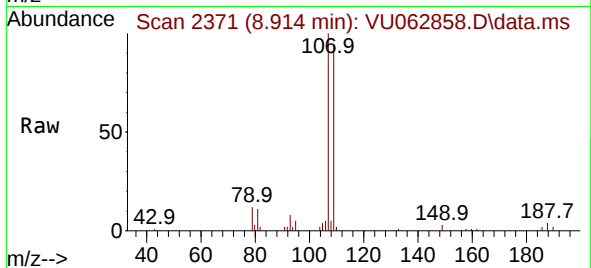
Lab File: VU062858.D

Acq: 17 Jan 2025 09:14

Instrument :

MSVOA_U

ClientSampleId :



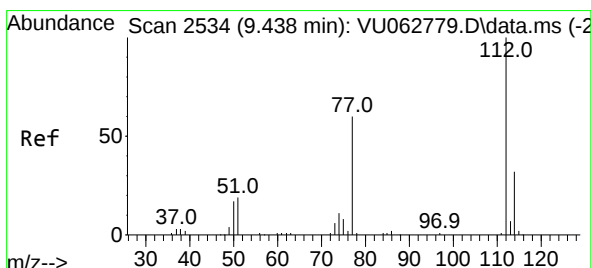
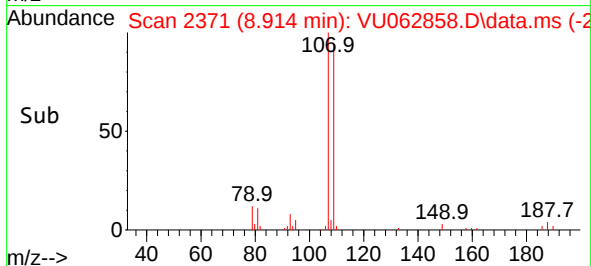
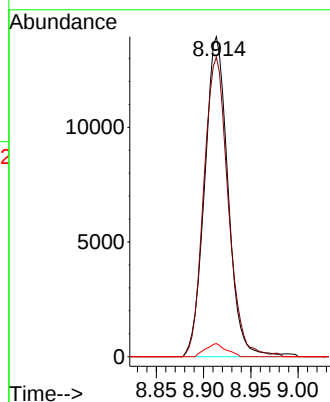
Tgt Ion:107 Resp: 23930

Ion Ratio Lower Upper

107 100

109 93.6 65.7 121.9

188 4.1 3.4 5.2



#51

Chlorobenzene

Concen: 4.903 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. 0.003 min

Lab File: VU062858.D

Acq: 17 Jan 2025 09:14

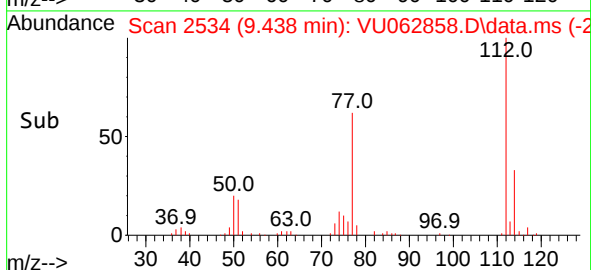
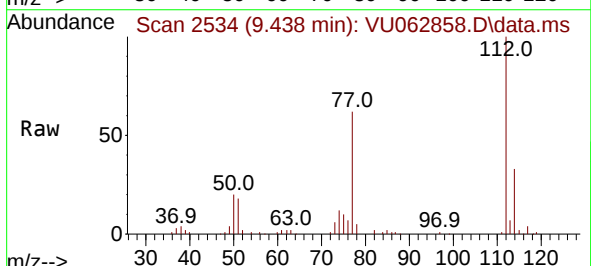
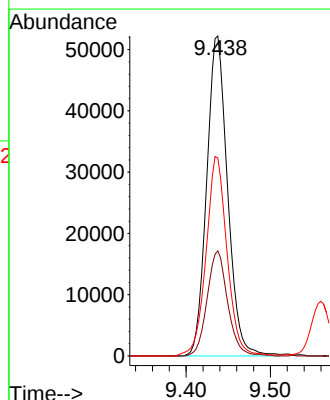
Tgt Ion:112 Resp: 90246

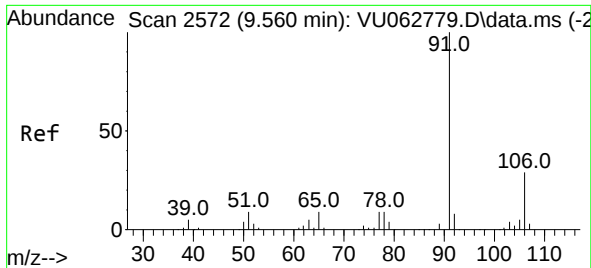
Ion Ratio Lower Upper

112 100

114 32.9 21.7 40.3

77 61.9 48.6 73.0

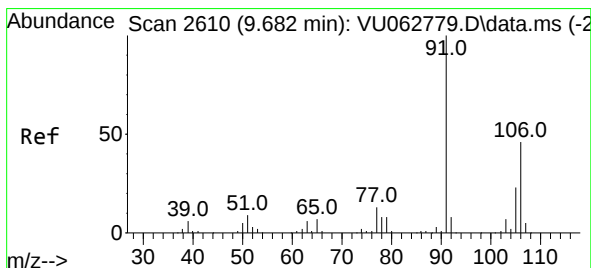
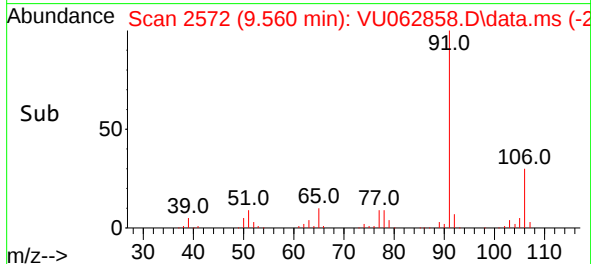
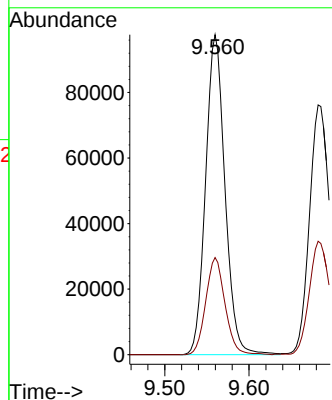
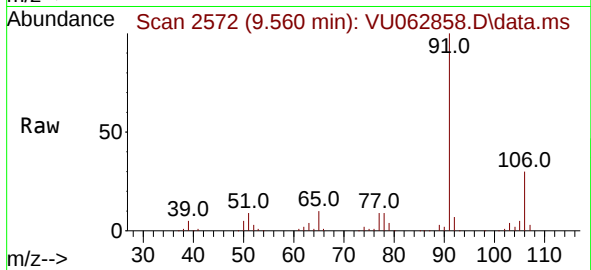




#52
Ethylbenzene
Concen: 4.887 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. 0.000 min
Lab File: VU062858.D
Acq: 17 Jan 2025 09:14

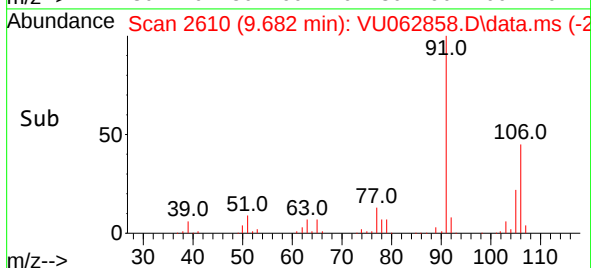
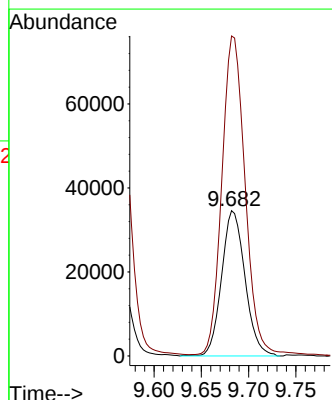
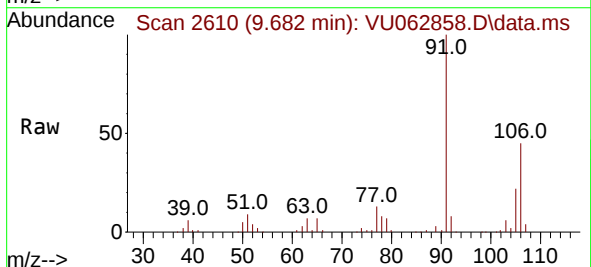
Instrument :
MSVOA_U
ClientSampleId :

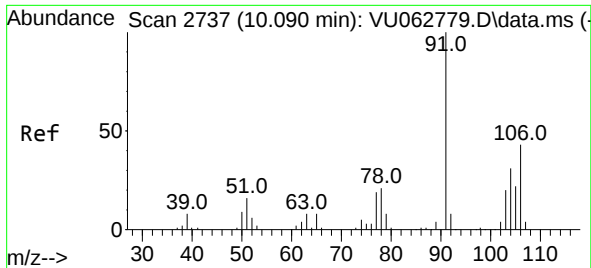
Tgt Ion: 91 Resp: 156087
Ion Ratio Lower Upper
91 100
106 30.4 21.9 40.7



#53
m,p-Xylene
Concen: 4.988 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. -0.003 min
Lab File: VU062858.D
Acq: 17 Jan 2025 09:14

Tgt Ion: 106 Resp: 59582
Ion Ratio Lower Upper
106 100
91 220.2 153.1 284.3

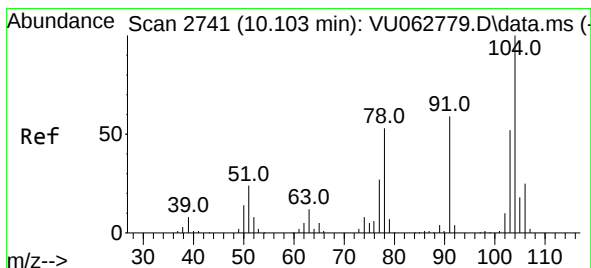
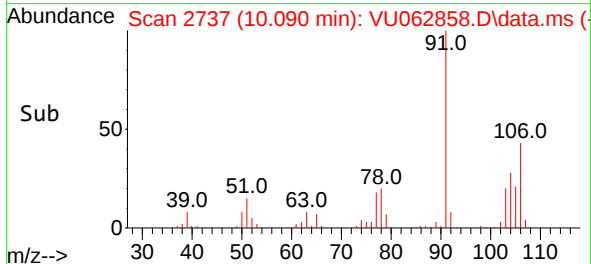
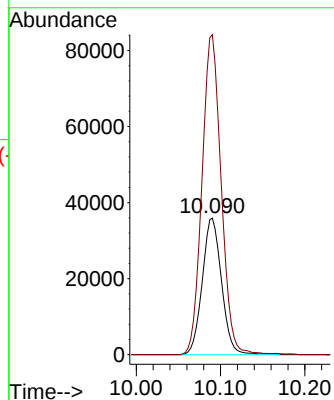
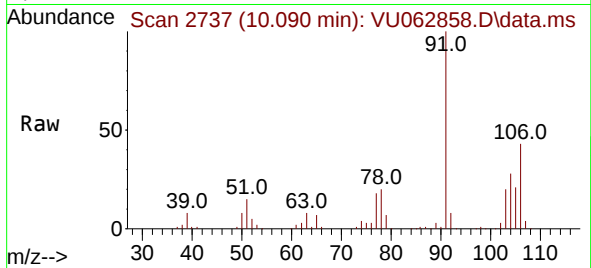




#54
o-Xylene
Concen: 4.997 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU062858.D
Acq: 17 Jan 2025 09:14

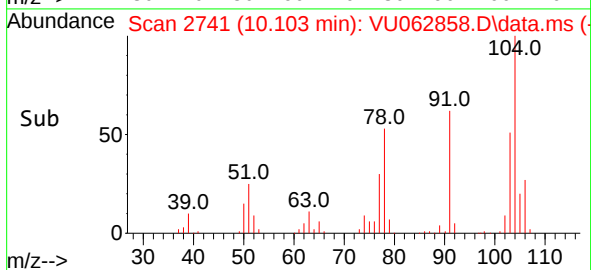
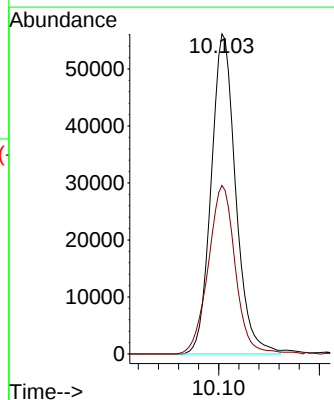
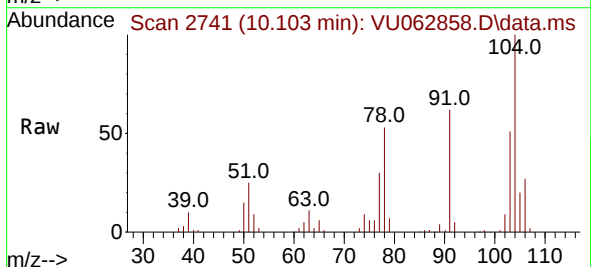
Instrument :
MSVOA_U
ClientSampleId :

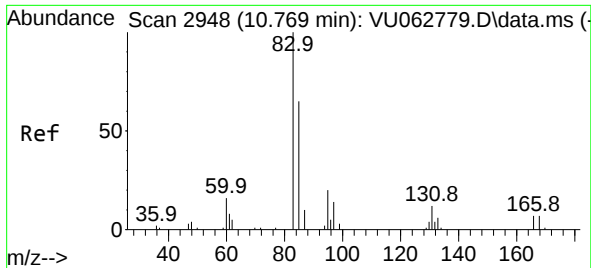
Tgt Ion:106 Resp: 57170
Ion Ratio Lower Upper
106 100
91 234.1 160.4 297.8



#55
Styrene
Concen: 4.974 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. 0.000 min
Lab File: VU062858.D
Acq: 17 Jan 2025 09:14

Tgt Ion:104 Resp: 95195
Ion Ratio Lower Upper
104 100
78 52.7 35.5 65.9

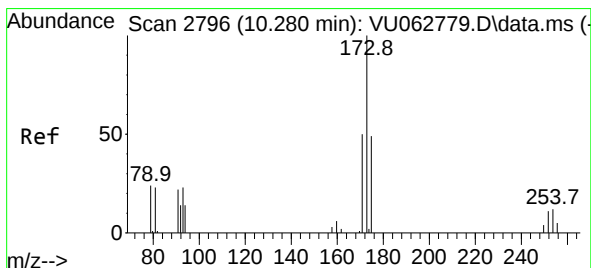
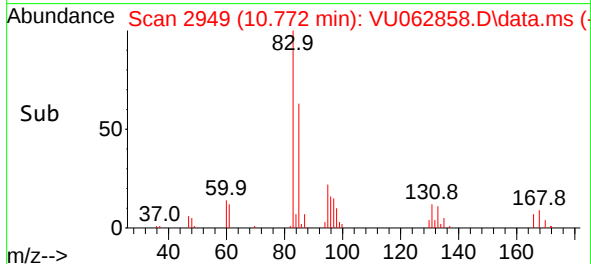
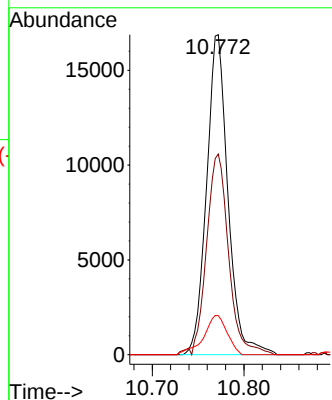
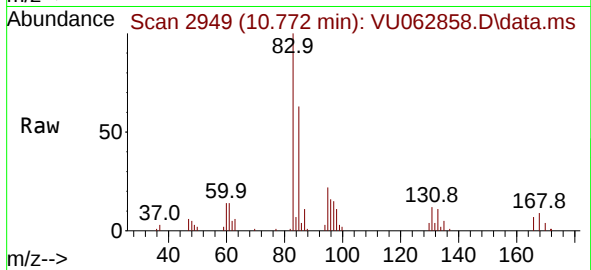




#57
1,1,2,2-Tetrachloroethane
Concen: 4.958 ug/L
RT: 10.772 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU062858.D
Acq: 17 Jan 2025 09:14

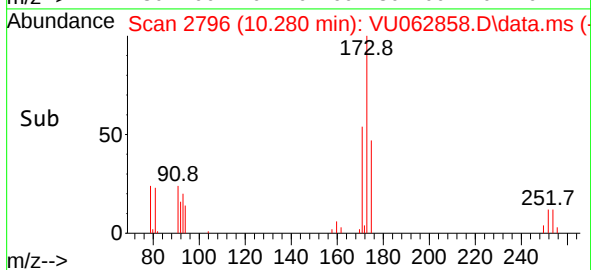
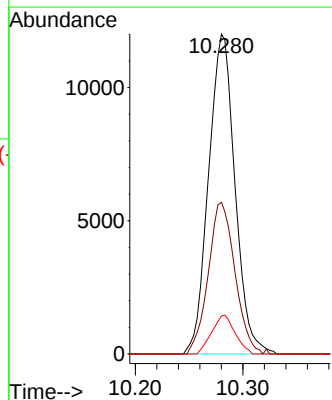
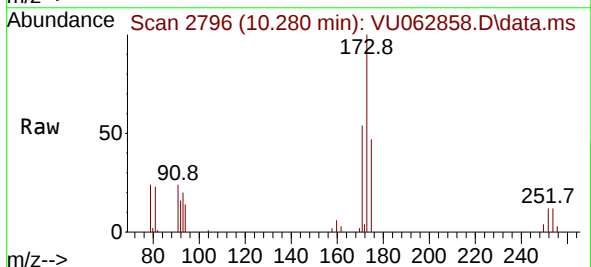
Instrument :
MSVOA_U
ClientSampleId :

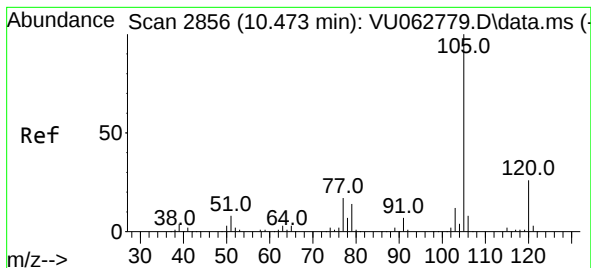
Tgt Ion: 83 Resp: 27372
Ion Ratio Lower Upper
83 100
85 62.7 43.0 79.8
131 12.2 7.4 11.0#



#59
Bromoform
Concen: 4.941 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. 0.000 min
Lab File: VU062858.D
Acq: 17 Jan 2025 09:14

Tgt Ion:173 Resp: 20490
Ion Ratio Lower Upper
173 100
175 47.9 39.8 59.8
254 10.7 8.6 12.8





#60

Isopropylbenzene

Concen: 5.020 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. 0.000 min

Lab File: VU062858.D

Acq: 17 Jan 2025 09:14

Instrument :

MSVOA_U

ClientSampleId :

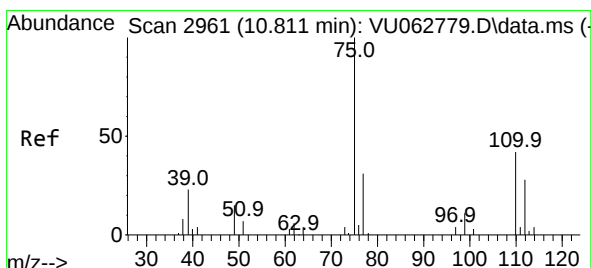
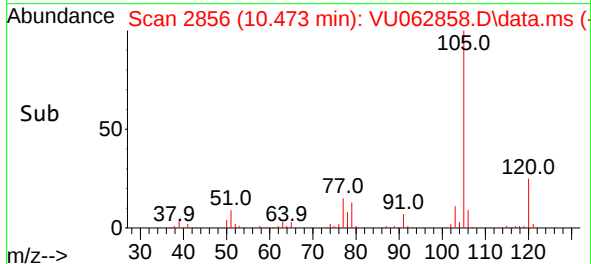
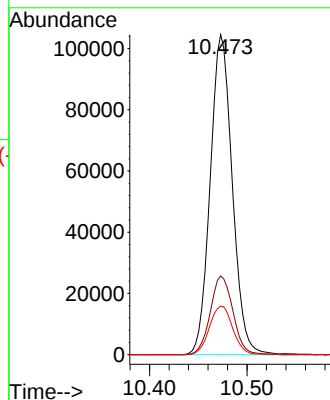
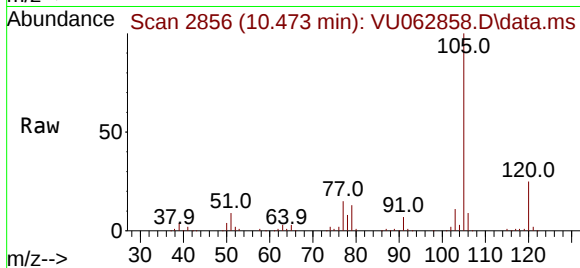
Tgt Ion:105 Resp: 164461

Ion Ratio Lower Upper

105 100

120 25.2 20.2 30.2

77 16.1 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 4.941 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. 0.000 min

Lab File: VU062858.D

Acq: 17 Jan 2025 09:14

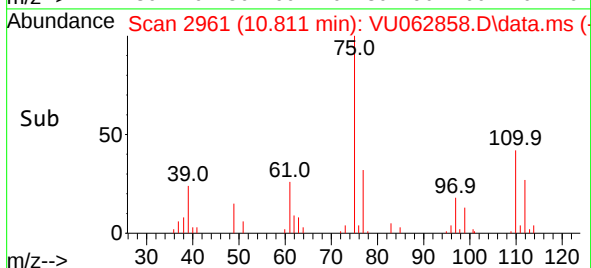
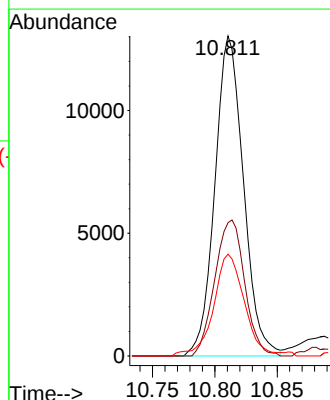
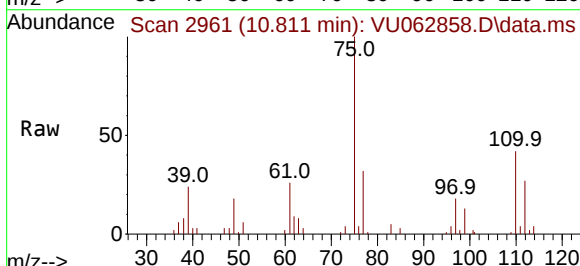
Tgt Ion: 75 Resp: 20837

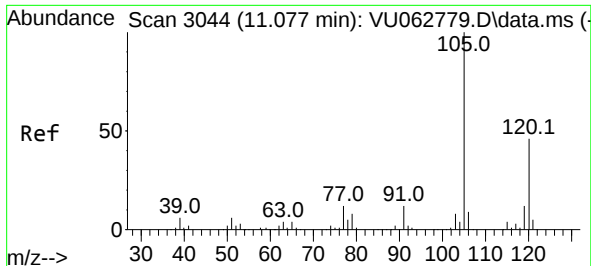
Ion Ratio Lower Upper

75 100

110 44.3 33.2 49.8

77 34.0 25.9 38.9

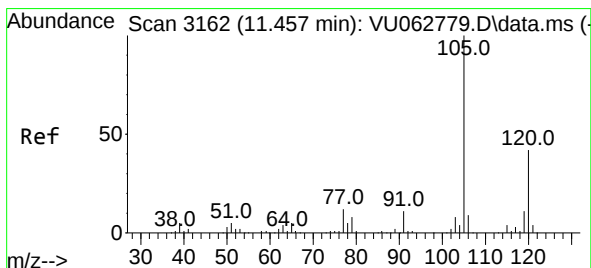
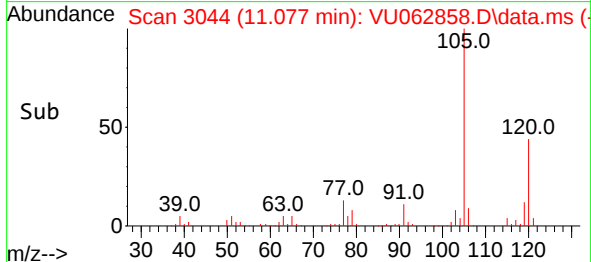
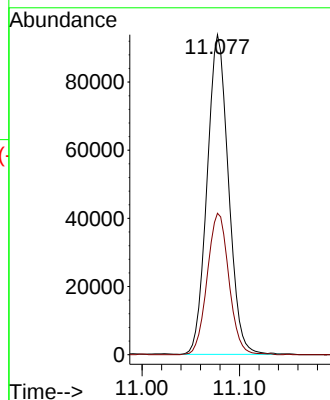
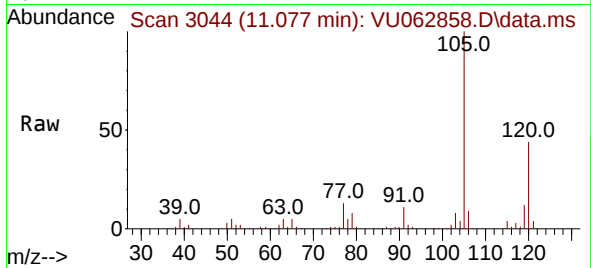




#62
1,3,5-Trimethylbenzene
Concen: 5.133 ug/L
RT: 11.077 min Scan# 3044
Delta R.T. 0.000 min
Lab File: VU062858.D
Acq: 17 Jan 2025 09:14

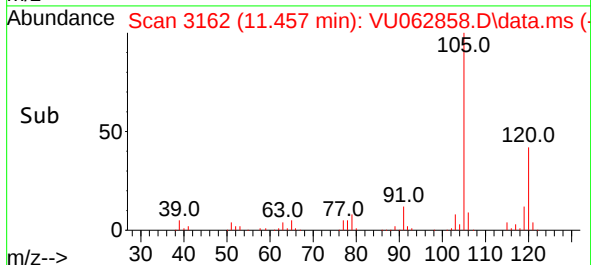
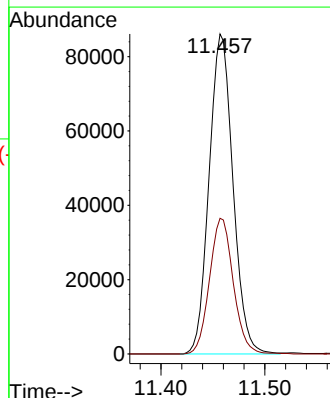
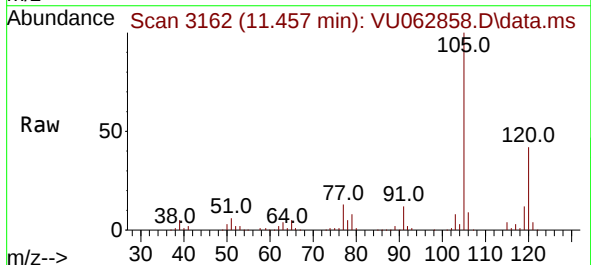
Instrument :
MSVOA_U
ClientSampleId :

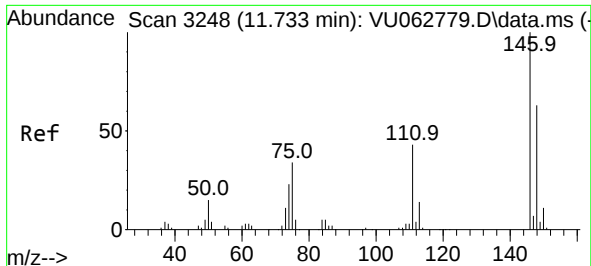
Tgt Ion:105 Resp: 142925
Ion Ratio Lower Upper
105 100
120 45.0 35.9 53.9



#63
1,2,4-Trimethylbenzene
Concen: 5.091 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VU062858.D
Acq: 17 Jan 2025 09:14

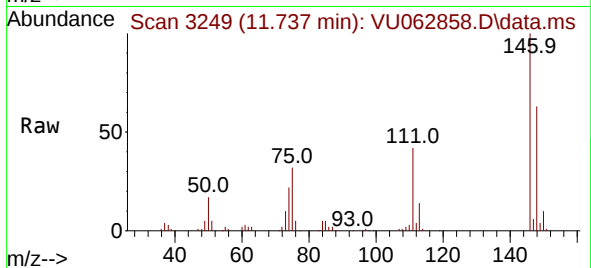
Tgt Ion:105 Resp: 137141
Ion Ratio Lower Upper
105 100
120 42.3 34.2 51.2



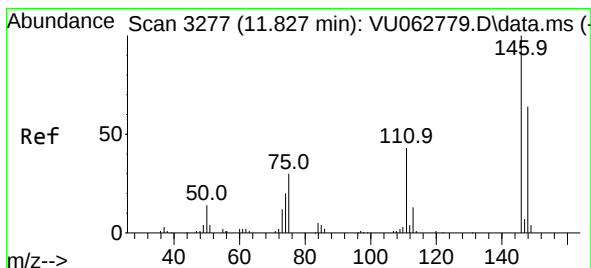
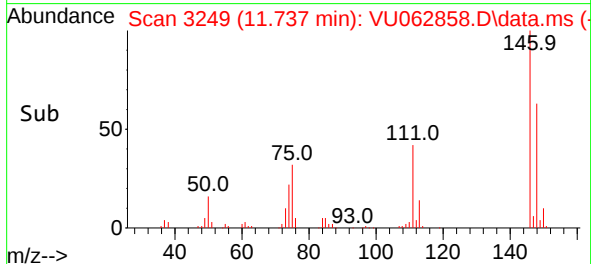
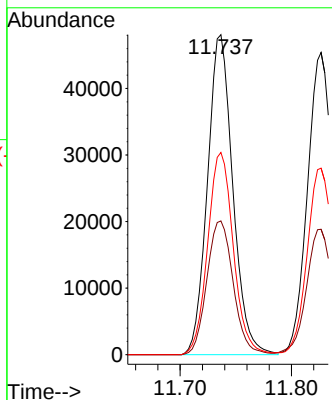


#64
1,3-Dichlorobenzene
Concen: 5.012 ug/L
RT: 11.737 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU062858.D
Acq: 17 Jan 2025 09:14

Instrument :
MSVOA_U
ClientSampleId :

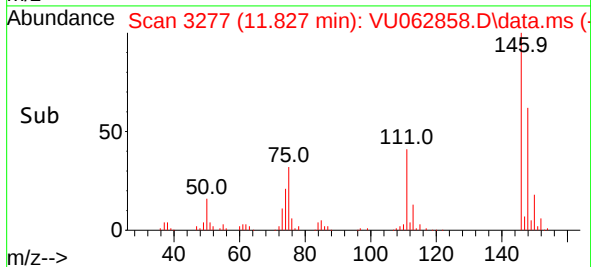
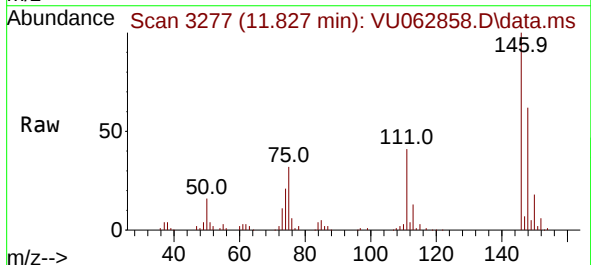
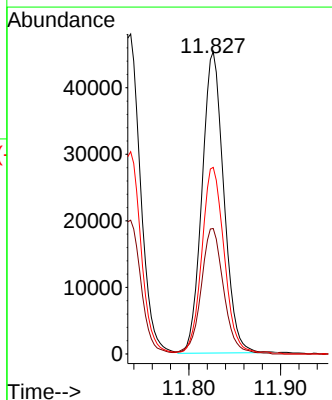


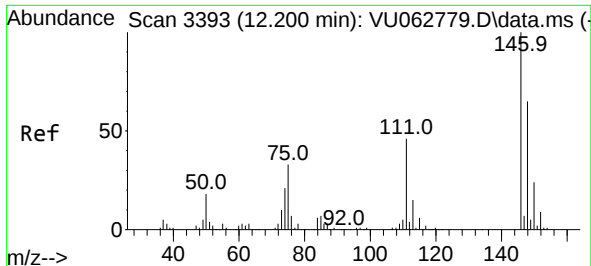
Tgt Ion:146 Resp: 76120
Ion Ratio Lower Upper
146 100
111 41.8 28.6 53.0
148 63.2 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 4.882 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU062858.D
Acq: 17 Jan 2025 09:14

Tgt Ion:146 Resp: 74769
Ion Ratio Lower Upper
146 100
111 41.5 29.5 54.9
148 61.7 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 4.999 ug/L

RT: 12.203 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU062858.D

Acq: 17 Jan 2025 09:14

Instrument :

MSVOA_U

ClientSampleId :

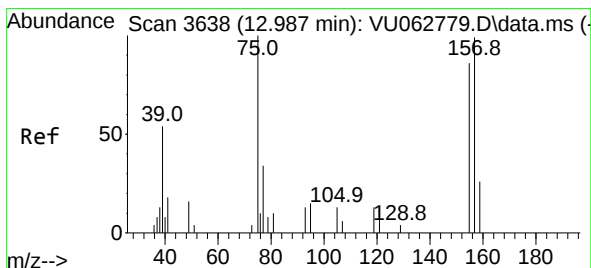
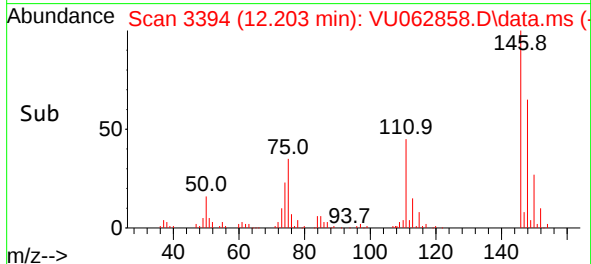
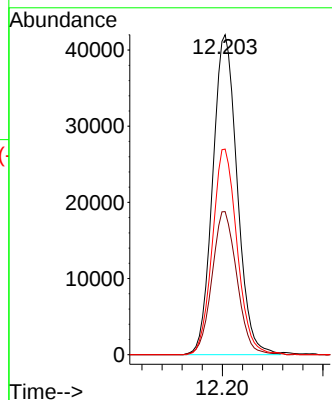
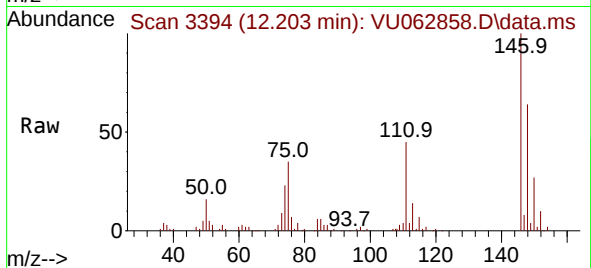
Tgt Ion:146 Resp: 71159

Ion Ratio Lower Upper

146 100

111 44.7 36.3 54.5

148 64.2 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.832 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU062858.D

Acq: 17 Jan 2025 09:14

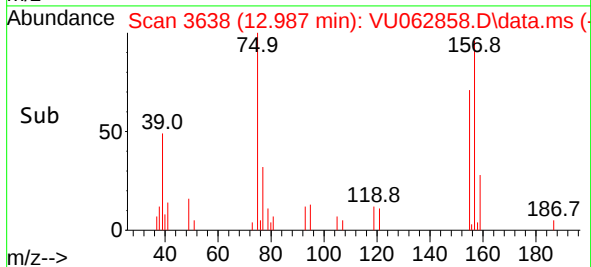
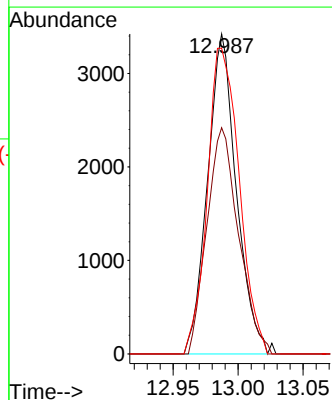
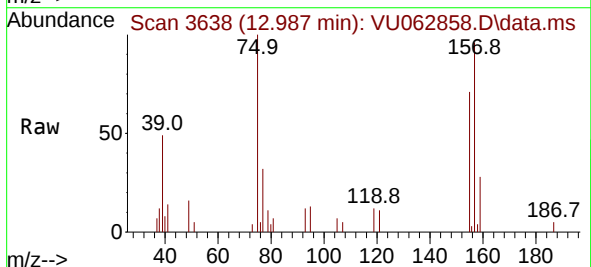
Tgt Ion: 75 Resp: 5278

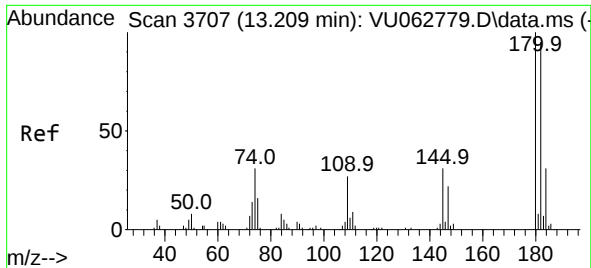
Ion Ratio Lower Upper

75 100

155 70.7 59.6 89.4

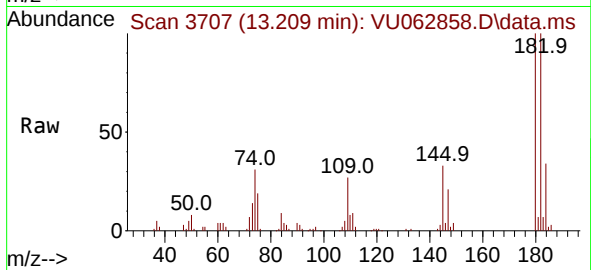
157 95.6 70.8 106.2



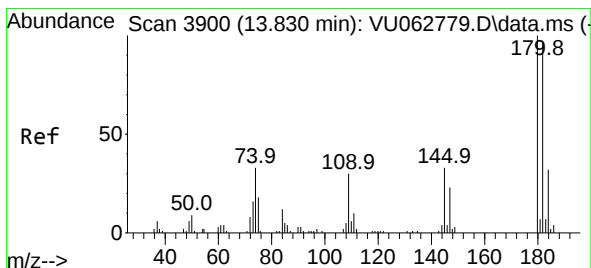
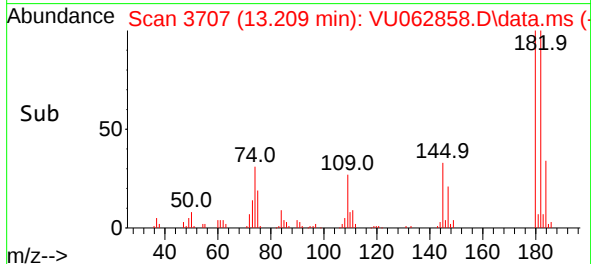
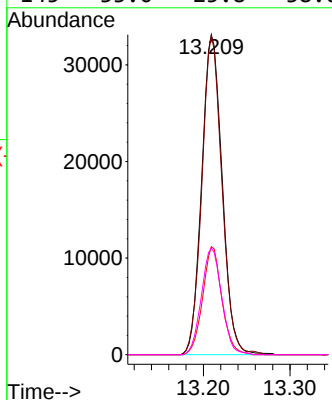


#69
1,3,5-Trichlorobenzene
Concen: 4.757 ug/L
RT: 13.209 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU062858.D
Acq: 17 Jan 2025 09:14

Instrument :
MSVOA_U
ClientSampleId :

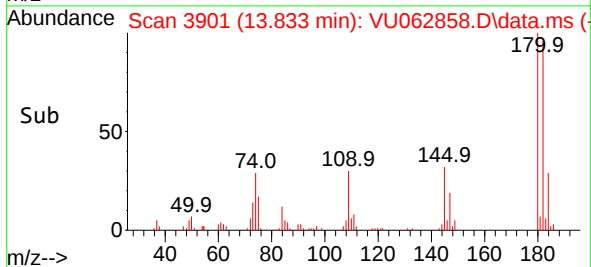
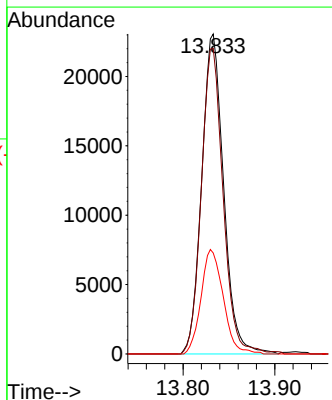
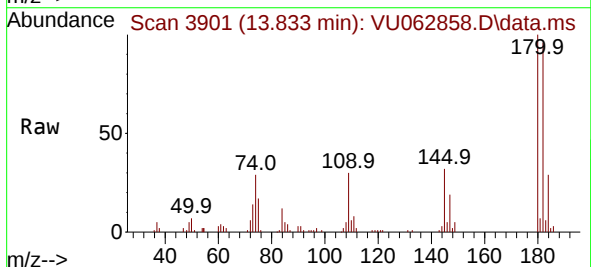


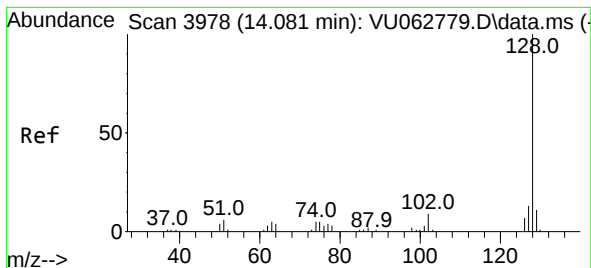
Tgt Ion:180 Resp: 54420
Ion Ratio Lower Upper
180 100
182 96.8 75.8 113.8
184 31.7 24.7 37.1
145 33.0 25.8 38.6



#70
1,2,4-trichlorobenzene
Concen: 4.160 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. 0.003 min
Lab File: VU062858.D
Acq: 17 Jan 2025 09:14

Tgt Ion:180 Resp: 38328
Ion Ratio Lower Upper
180 100
182 94.4 77.1 115.7
145 33.1 26.9 40.3





#71

Naphthalene

Concen: 3.605 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU062858.D

Acq: 17 Jan 2025 09:14

Instrument :

MSVOA_U

ClientSampleId :

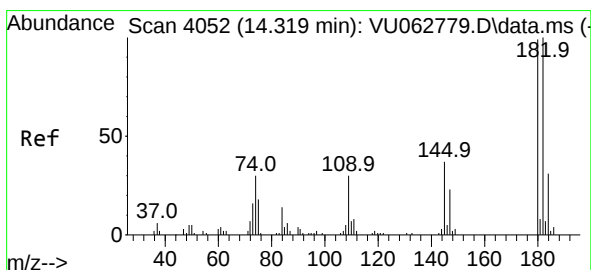
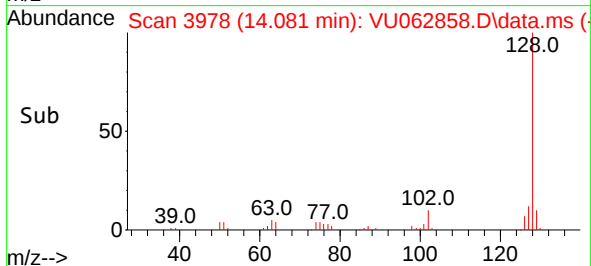
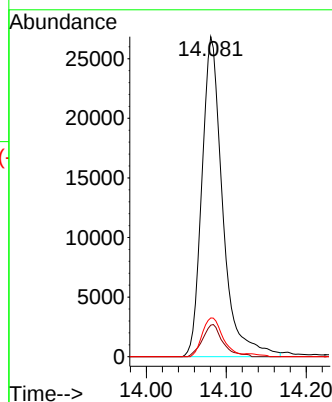
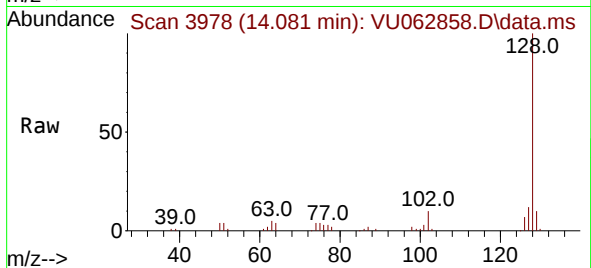
Tgt Ion:128 Resp: 48595

Ion Ratio Lower Upper

128 100

129 9.8 8.5 12.7

127 12.0 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.128 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU062858.D

Acq: 17 Jan 2025 09:14

Tgt Ion:180 Resp: 33149

Ion Ratio Lower Upper

180 100

182 93.7 79.8 119.6

145 34.1 29.2 43.8

