

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120224\
 Data File : VU062067.D
 Acq On : 02 Dec 2024 10:56
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 03 00:14:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 28 02:06:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	127465	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	119863	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	61188	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	24867	3.977	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.911	69	20458	3.699	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	2.560	65	10957	4.386	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	4.631	46	77731	39.590	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.180%
24) Chloroform-d	5.052	84	67603	4.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.692	65	34203	4.357	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	5.717	84	110323	4.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.682	67	37217	4.690	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.891	98	96337	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	8.174	79	15167	5.163	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.200%
46) 2-Hexanone-d5	8.627	63	55196	41.164	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.320%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	32046	4.041	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	42388	4.685	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	56899	5.102	ug/L	99
3) Chloromethane	1.518	50	46840	4.075	ug/L	98
5) Vinyl chloride	1.602	62	49356	4.179	ug/L	100
6) Bromomethane	1.856	94	31561	4.489	ug/L	96
8) Chloroethane	1.933	64	27102	3.559	ug/L	96
9) Trichlorofluoromethane	2.132	101	78350	5.245	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	44540	4.845	ug/L	94
12) 1,1-Dichloroethene	2.576	96	40077	4.688	ug/L	92
13) Acetone	2.653	43	62071	45.789	ug/L	95
14) Carbon disulfide	2.788	76	122452	4.503	ug/L	99
15) Methyl Acetate	2.956	43	13933	4.003	ug/L	91
16) Methylene chloride	3.039	84	43739	4.261	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	100740	4.598	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	42265	4.677	ug/L	93
19) 1,1-Dichloroethane	3.859	63	79910	4.540	ug/L	99
21) 2-Butanone	4.708	43	94596	43.177	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	47870	4.707	ug/L	99
23) Bromochloromethane	4.965	128	20656	4.673	ug/L	93
25) Chloroform	5.078	83	88278	4.798	ug/L	98

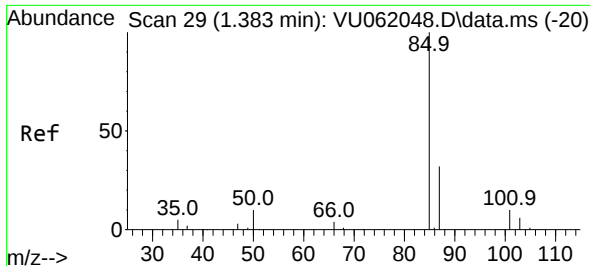
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120224\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 28 02:06:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	53039	4.481	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	80475	5.825	ug/L	95
30) Cyclohexane	5.377	56	70085	4.850	ug/L	96
31) Carbon tetrachloride	5.515	117	71584	6.102	ug/L	99
33) Benzene	5.762	78	180509	4.987	ug/L	100
34) Trichloroethene	6.534	95	49825	5.157	ug/L	97
35) Methylcyclohexane	6.753	83	76189	5.155	ug/L	98
37) 1,2-Dichloropropane	6.782	63	46944	4.992	ug/L	99
38) Bromodichloromethane	7.097	83	62026	5.438	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	71802	5.445	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	230085	45.344	ug/L	95
42) Toluene	7.962	91	197393	5.196	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	58697	5.605	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	32468	4.686	ug/L	97
47) Tetrachloroethene	8.544	164	39038	5.556	ug/L	93
48) 2-Hexanone	8.676	43	169430	44.585	ug/L	97
49) Dibromochloromethane	8.801	129	39754	5.432	ug/L	92
50) 1,2-Dibromoethane	8.913	107	32312	4.699	ug/L	95
51) Chlorobenzene	9.438	112	124067	4.769	ug/L	99
52) Ethylbenzene	9.563	91	222082	4.885	ug/L	97
53) m,p-Xylene	9.685	106	82821	5.163	ug/L	94
54) o-Xylene	10.093	106	80375	4.964	ug/L	96
55) Styrene	10.106	104	132114	4.953	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.772	83	39489	4.448	ug/L	97
59) Bromoform	10.280	173	23626	5.194	ug/L	100
60) Isopropylbenzene	10.476	105	222871	4.671	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	28781	4.069	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	187240	4.920	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	185296	4.883	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	100786	4.759	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	97495	4.756	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	91198	4.951	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	6254	5.180	ug/L	94
69) 1,3,5-Trichlorobenzene	13.209	180	74262	5.893	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	56392	5.838	ug/L	97
71) Naphthalene	14.080	128	80300	5.158	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	46917	5.640	ug/L	98

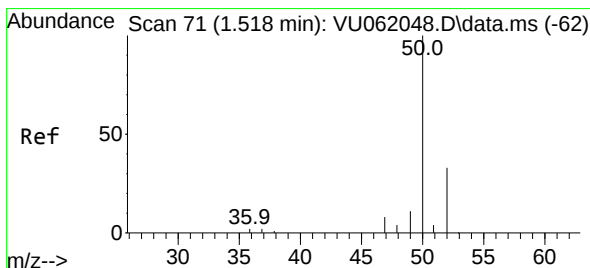
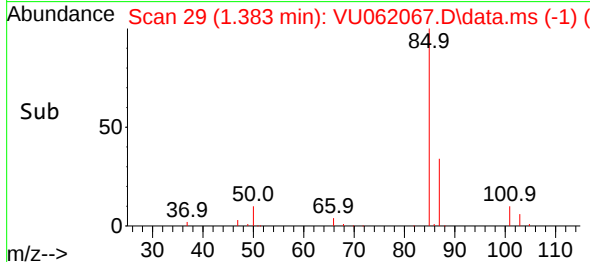
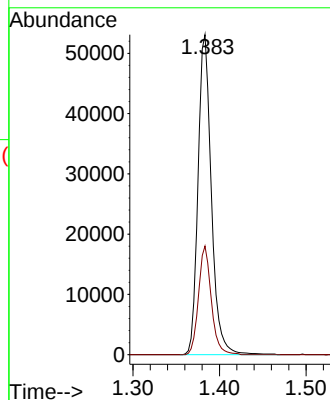
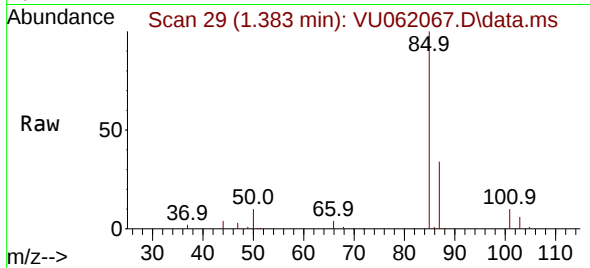
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.102 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU062067.D
 Acq: 02 Dec 2024 10:56

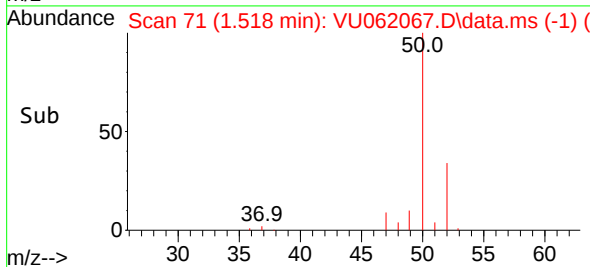
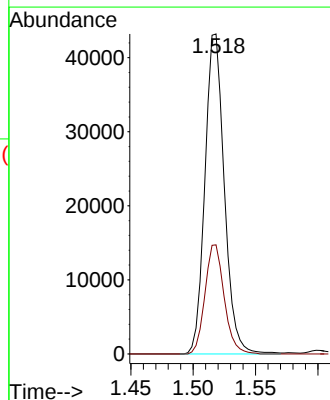
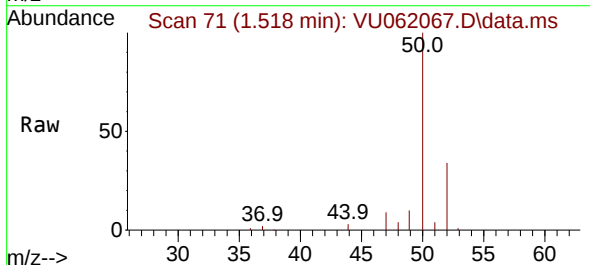
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 MSVOA_U
 ClientSampleId :

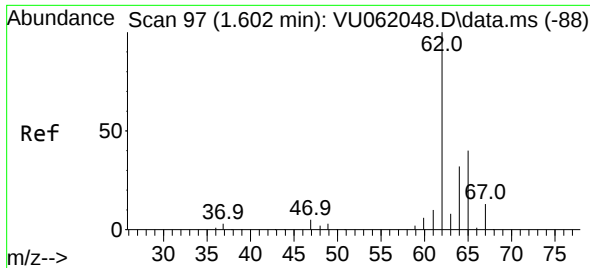
Tgt Ion: 85 Resp: 56899
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.6 40.0



#3
 Chloromethane
 Concen: 4.075 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU062067.D
 Acq: 02 Dec 2024 10:56

Tgt Ion: 50 Resp: 46840
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.1 42.9

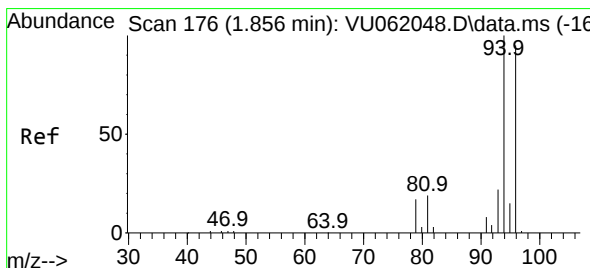
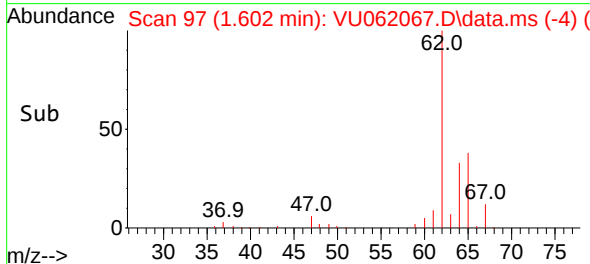
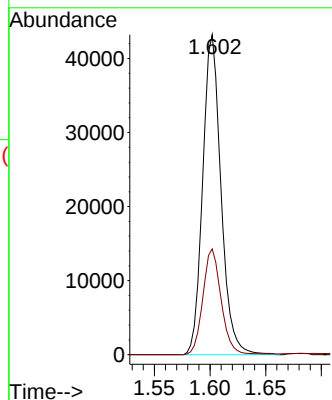
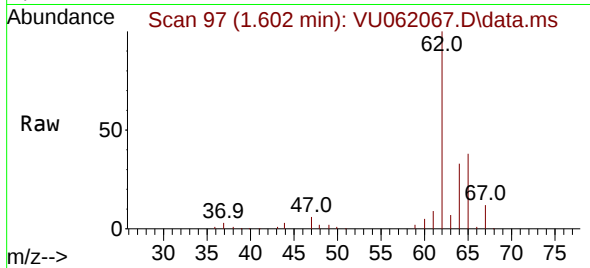




#5
 Vinyl chloride
 Concen: 4.179 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU062067.D
 Acq: 02 Dec 2024 10:56

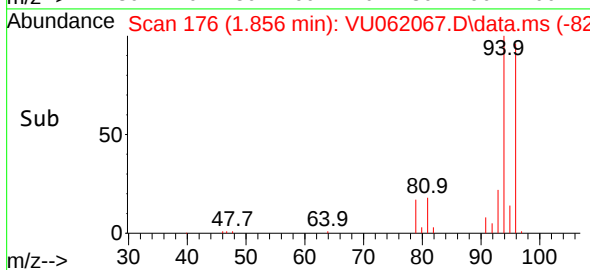
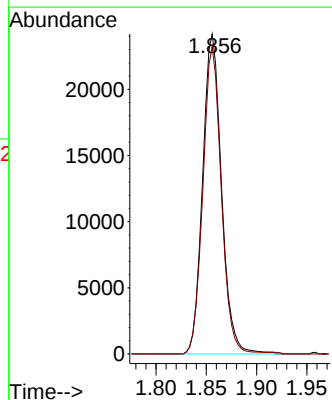
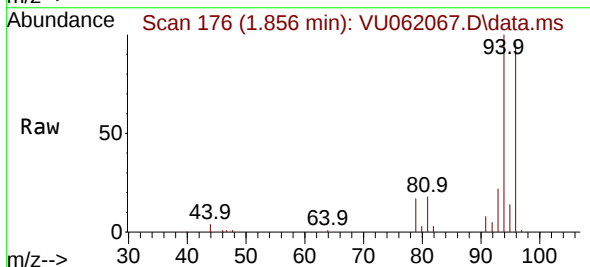
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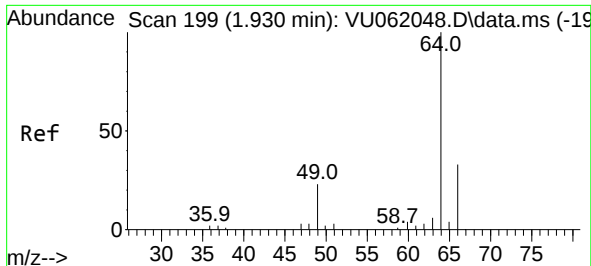
Tgt Ion: 62 Resp: 49356
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.1 42.9



#6
 Bromomethane
 Concen: 4.489 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.003 min
 Lab File: VU062067.D
 Acq: 02 Dec 2024 10:56

Tgt Ion: 94 Resp: 31561
 Ion Ratio Lower Upper
 94 100
 96 96.0 64.5 119.9

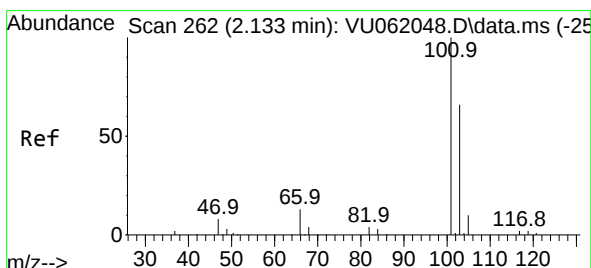
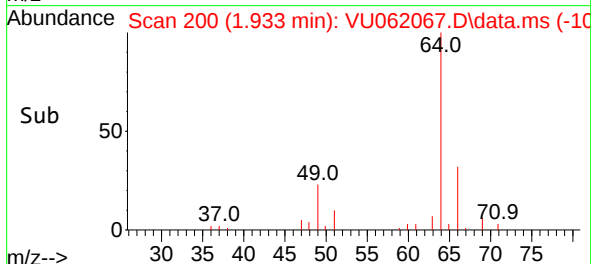
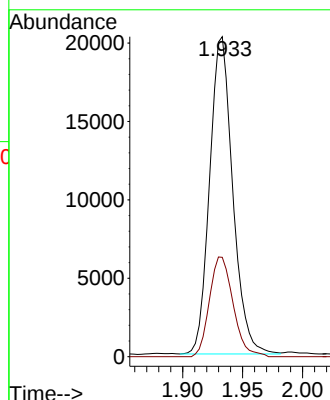
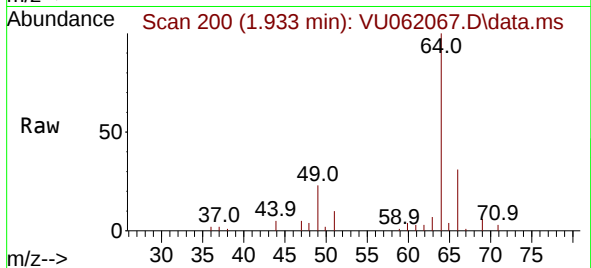




#8
Chloroethane
Concen: 3.559 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.006 min
Lab File: VU062067.D
Acq: 02 Dec 2024 10:56

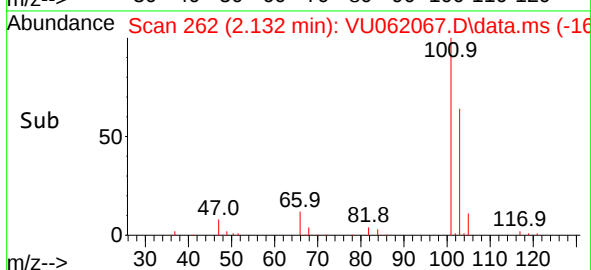
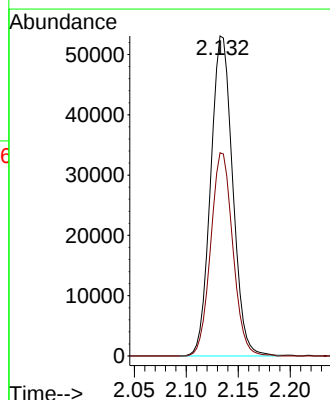
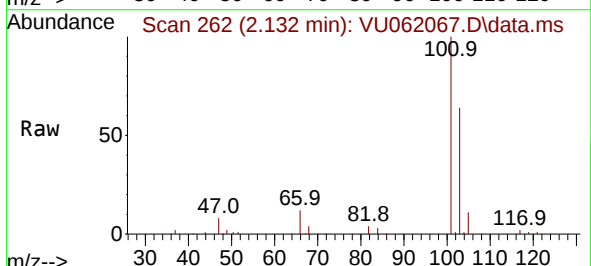
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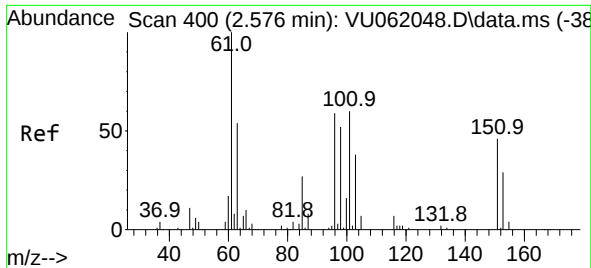
Tgt Ion: 64 Resp: 27102
Ion Ratio Lower Upper
64 100
66 31.0 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.245 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062067.D
Acq: 02 Dec 2024 10:56

Tgt Ion:101 Resp: 78350
Ion Ratio Lower Upper
101 100
103 63.7 50.6 75.8

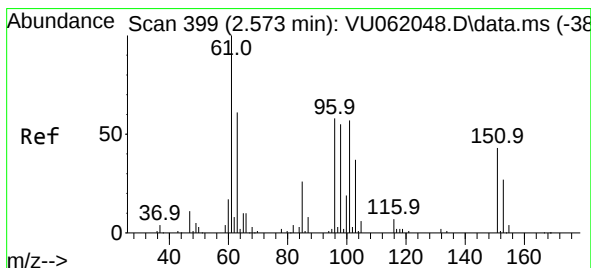
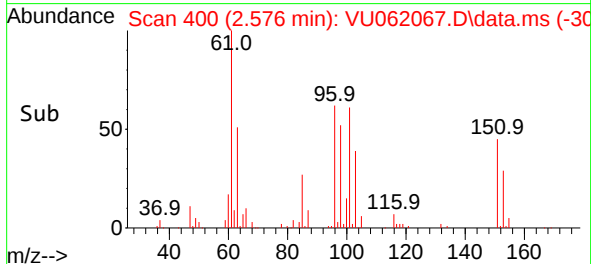
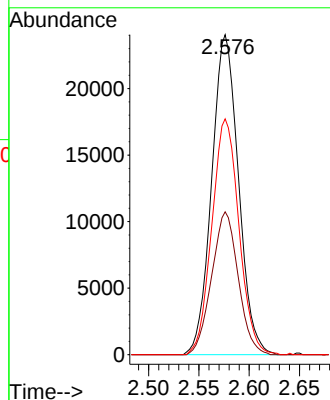
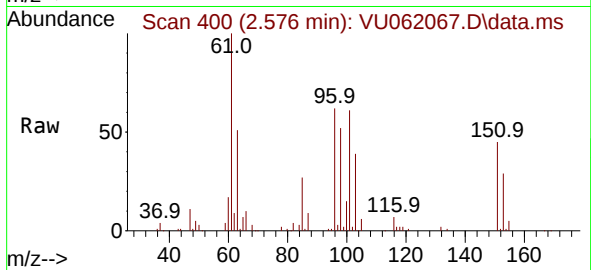




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.845 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU062067.D
 Acq: 02 Dec 2024 10:56

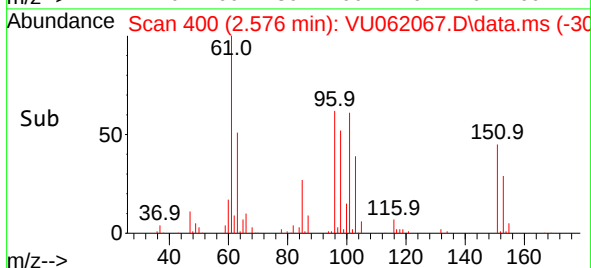
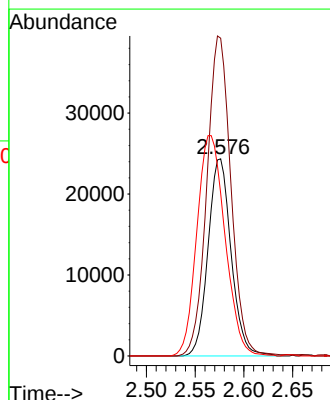
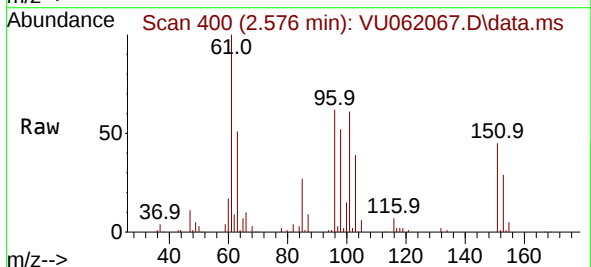
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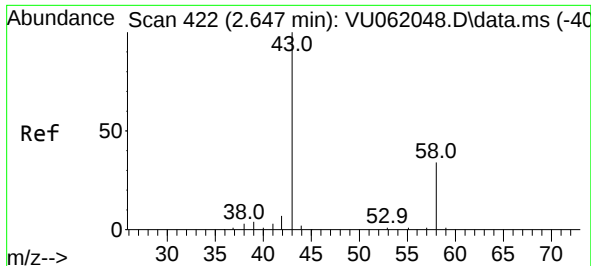
Tgt Ion: 101 Resp: 44540
 Ion Ratio Lower Upper
 101 100
 85 44.3 38.0 57.0
 151 74.5 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 4.688 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU062067.D
 Acq: 02 Dec 2024 10:56

Tgt Ion: 96 Resp: 40077
 Ion Ratio Lower Upper
 96 100
 61 161.2 119.6 222.2
 63 82.5 65.0 120.6





#13

Acetone

Concen: 45.789 ug/L

RT: 2.653 min Scan# 41

Delta R.T. 0.025 min

Lab File: VU062067.D

Acq: 02 Dec 2024 10:56

Instrument :

MSVOA_U

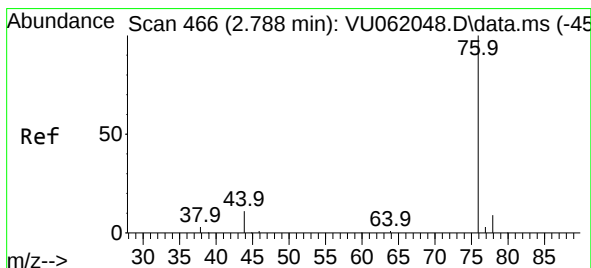
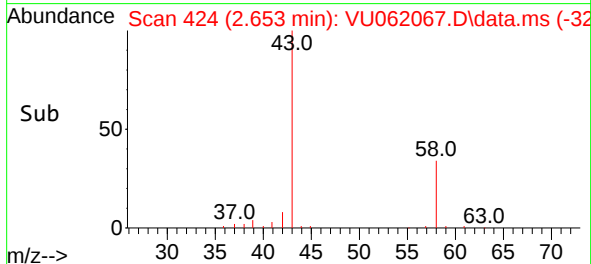
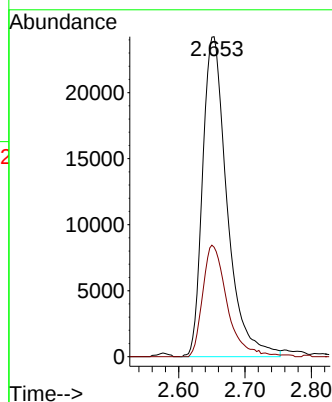
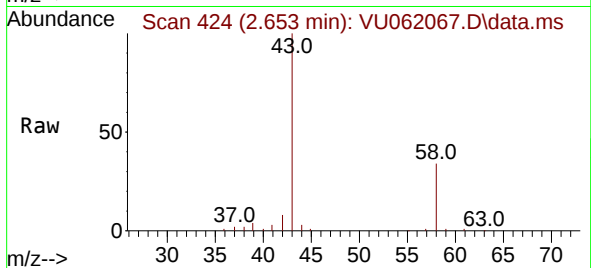
ClientSampleId :

Tgt Ion: 43 Resp: 62071

Ion Ratio Lower Upper

43 100

58 34.9 0.0 64.0



#14

Carbon disulfide

Concen: 4.503 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU062067.D

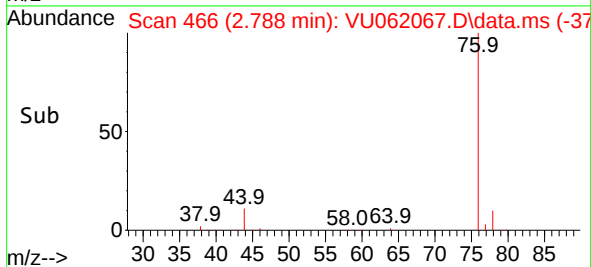
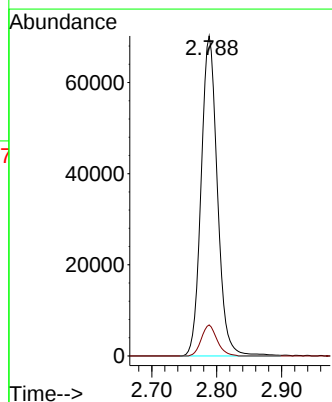
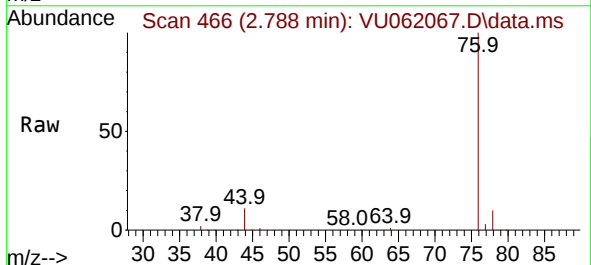
Acq: 02 Dec 2024 10:56

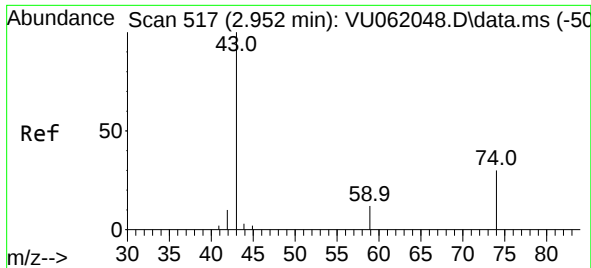
Tgt Ion: 76 Resp: 122452

Ion Ratio Lower Upper

76 100

78 9.7 7.5 11.3

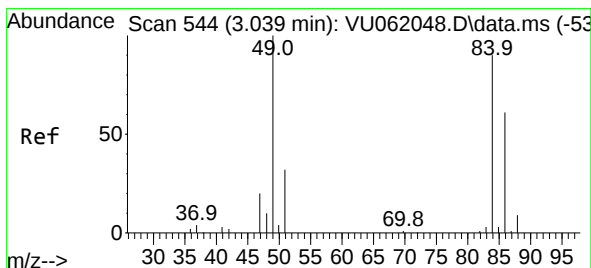
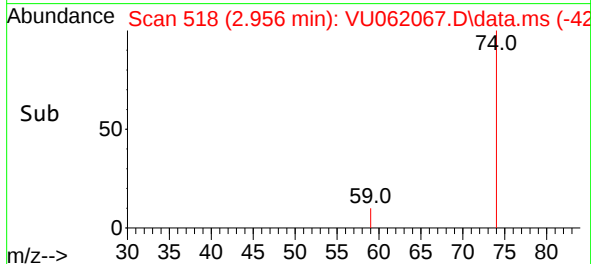
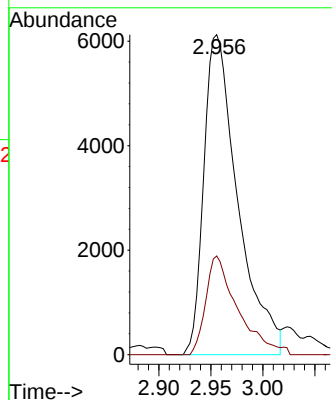
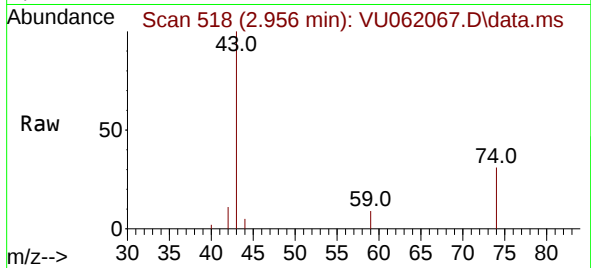




#15
Methyl Acetate
Concen: 4.003 ug/L
RT: 2.956 min Scan# 517
Delta R.T. 0.006 min
Lab File: VU062067.D
Acq: 02 Dec 2024 10:56

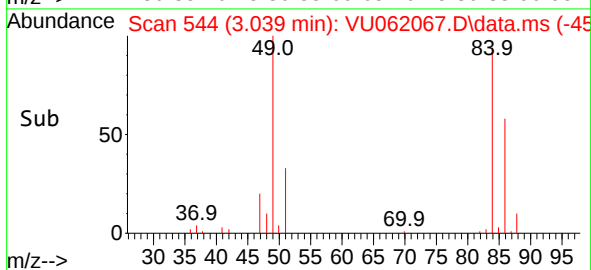
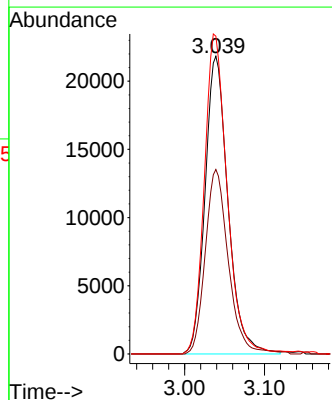
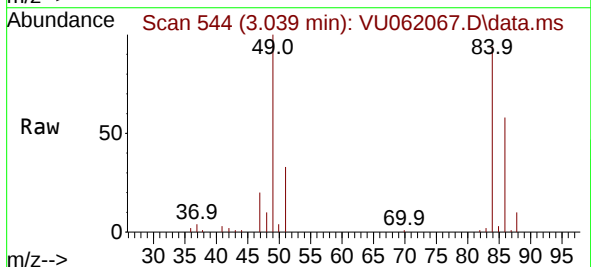
Instrument :
MSVOA_U
ClientSampleId :

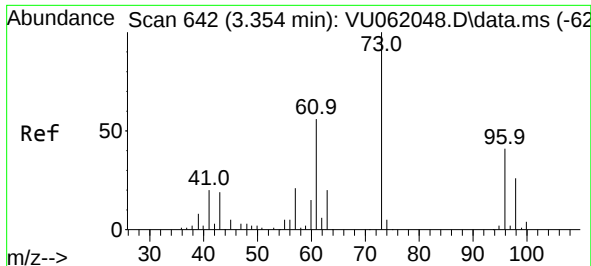
Tgt Ion: 43 Resp: 13933
Ion Ratio Lower Upper
43 100
74 29.0 19.4 29.2



#16
Methylene chloride
Concen: 4.261 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU062067.D
Acq: 02 Dec 2024 10:56

Tgt Ion: 84 Resp: 43739
Ion Ratio Lower Upper
84 100
86 61.9 43.5 80.7
49 106.7 81.9 152.1





#17

Methyl tert-butyl Ether

Concen: 4.598 ug/L

RT: 3.354 min Scan# 642

Delta R.T. -0.000 min

Lab File: VU062067.D

Acq: 02 Dec 2024 10:56

Instrument :

MSVOA_U

ClientSampleId :

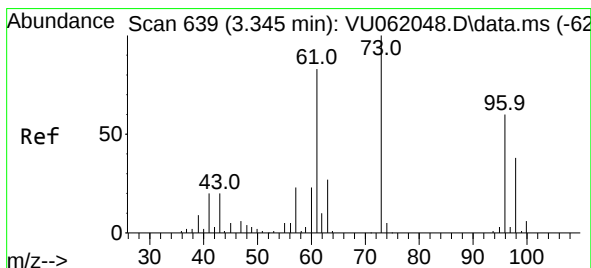
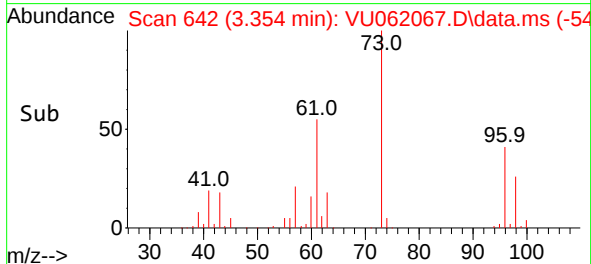
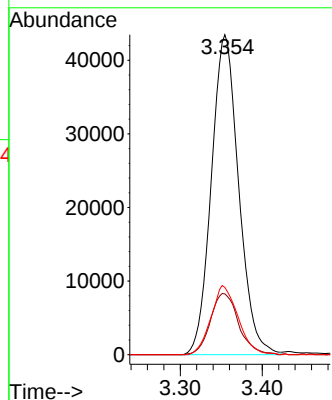
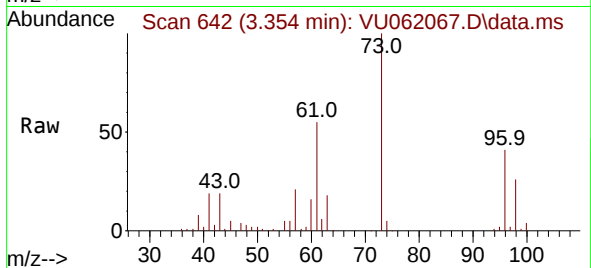
Tgt Ion: 73 Resp: 100740

Ion Ratio Lower Upper

73 100

43 19.7 16.3 24.5

57 21.3 17.1 25.7



#18

trans-1,2-Dichloroethene

Concen: 4.677 ug/L

RT: 3.348 min Scan# 640

Delta R.T. -0.000 min

Lab File: VU062067.D

Acq: 02 Dec 2024 10:56

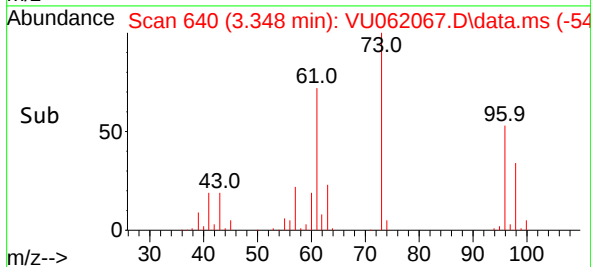
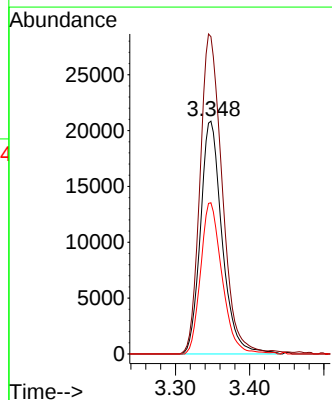
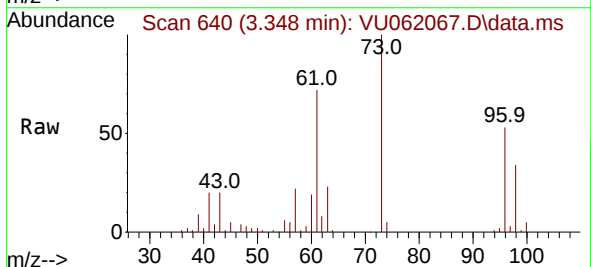
Tgt Ion: 96 Resp: 42265

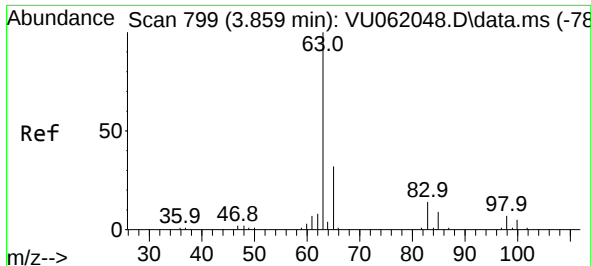
Ion Ratio Lower Upper

96 100

61 136.3 104.2 193.4

98 65.0 45.7 84.9





#19

1,1-Dichloroethane

Concen: 4.540 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min

Lab File: VU062067.D

Acq: 02 Dec 2024 10:56

Instrument :

MSVOA_U

ClientSampleId :

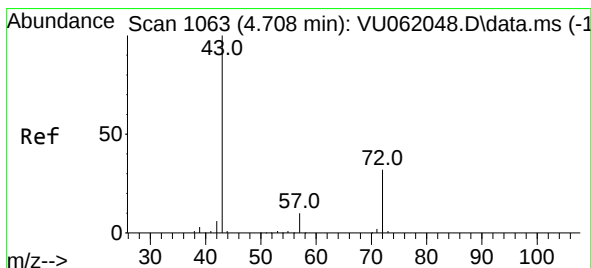
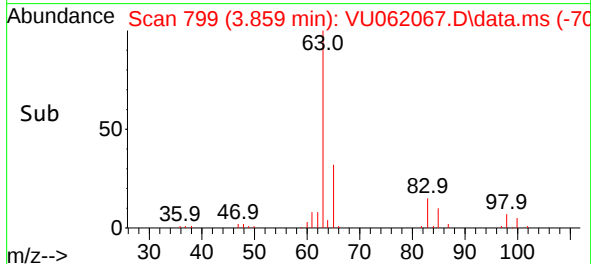
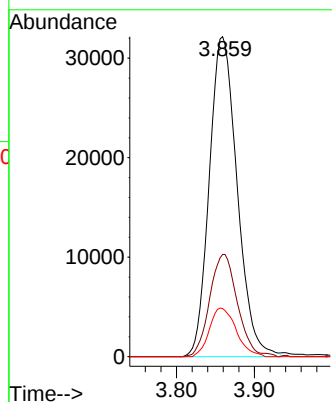
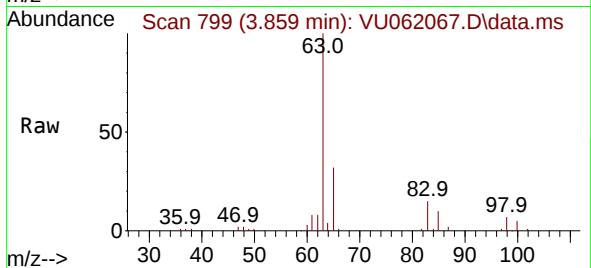
Tgt Ion: 63 Resp: 79910

Ion Ratio Lower Upper

63 100

65 32.0 22.7 42.3

83 15.0 9.9 18.3



#21

2-Butanone

Concen: 43.177 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. 0.009 min

Lab File: VU062067.D

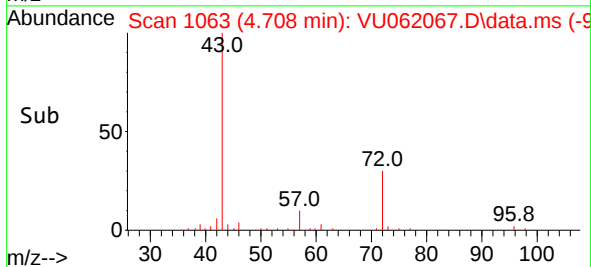
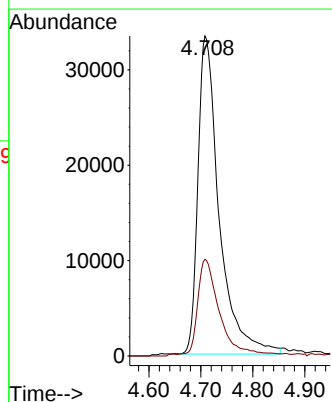
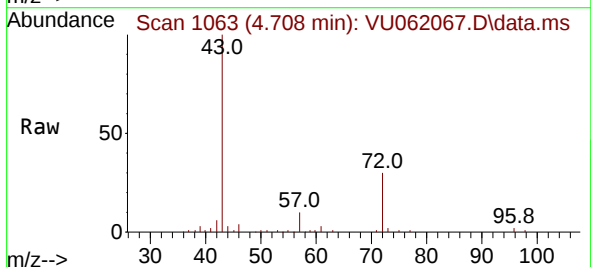
Acq: 02 Dec 2024 10:56

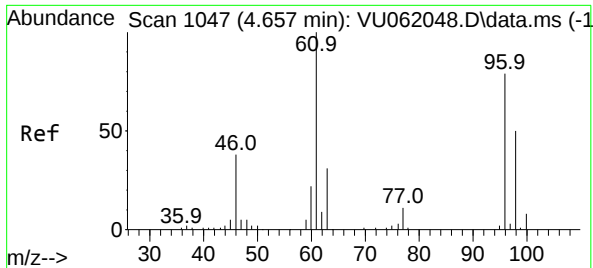
Tgt Ion: 43 Resp: 94596

Ion Ratio Lower Upper

43 100

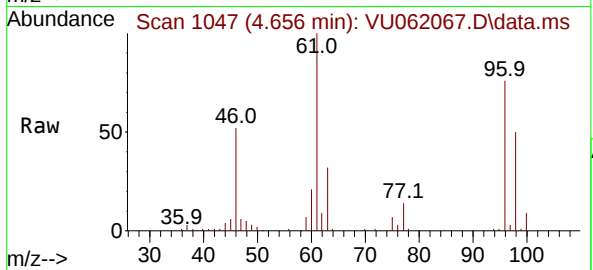
72 29.3 14.8 44.4



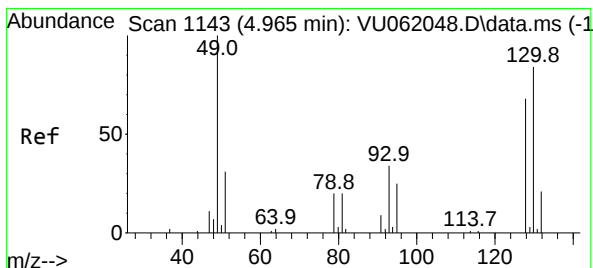
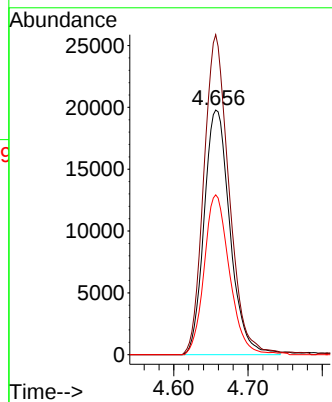
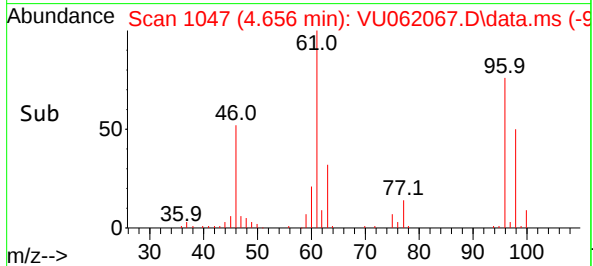


#22
 cis-1,2-Dichloroethene
 Concen: 4.707 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU062067.D
 Acq: 02 Dec 2024 10:56

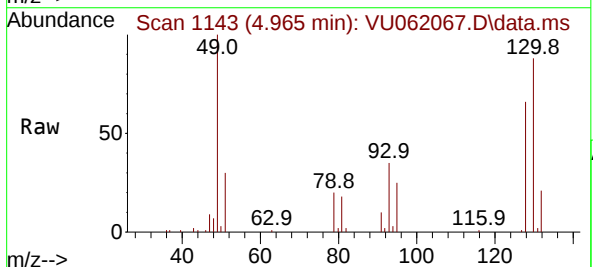
Instrument :
 MSVOA_U
 ClientSampleId :



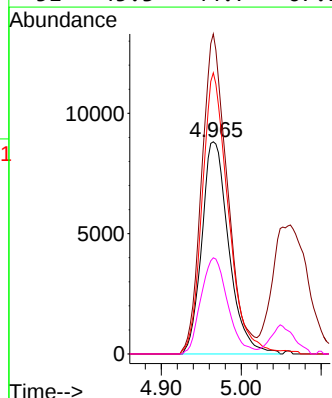
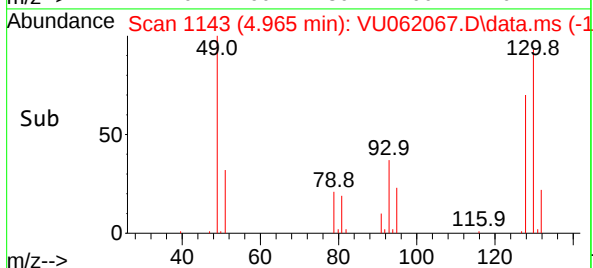
Tgt Ion: 96 Resp: 47870
 Ion Ratio Lower Upper
 96 100
 61 130.8 92.0 170.8
 98 65.3 44.5 82.7

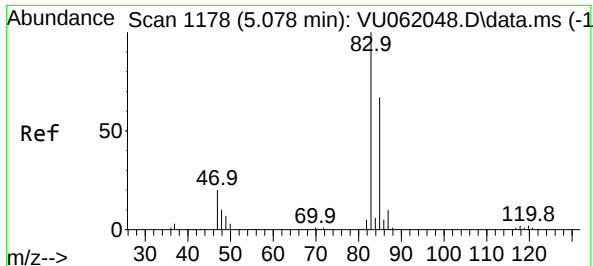


#23
 Bromochloromethane
 Concen: 4.673 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU062067.D
 Acq: 02 Dec 2024 10:56



Tgt Ion: 128 Resp: 20656
 Ion Ratio Lower Upper
 128 100
 49 150.9 115.3 214.1
 130 132.6 92.0 170.8
 51 45.3 44.7 67.1





#25

Chloroform

Concen: 4.798 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU062067.D

Acq: 02 Dec 2024 10:56

Instrument :

MSVOA_U

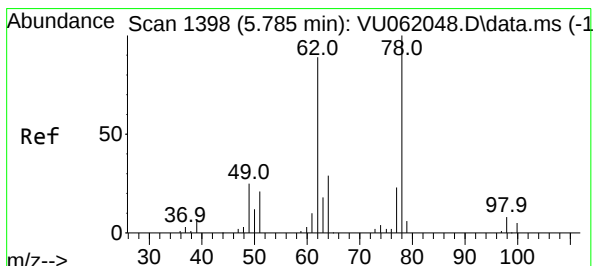
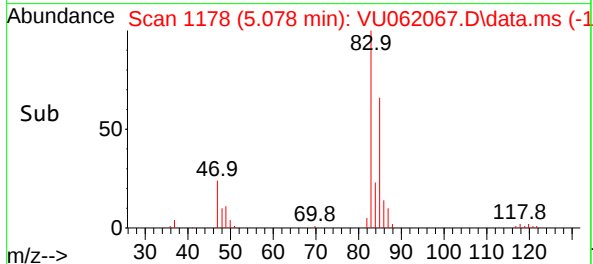
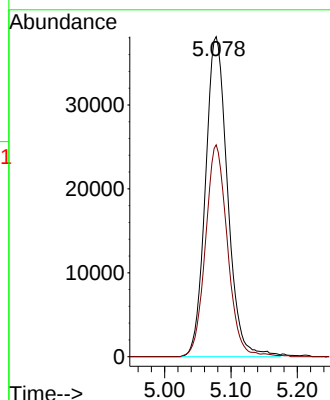
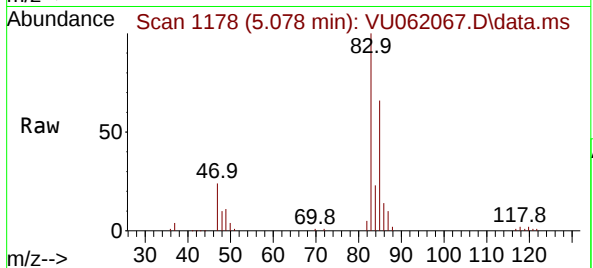
ClientSampleId :

Tgt Ion: 83 Resp: 88278

Ion Ratio Lower Upper

83 100

85 66.2 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.481 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU062067.D

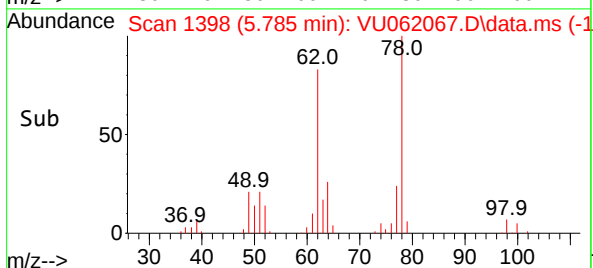
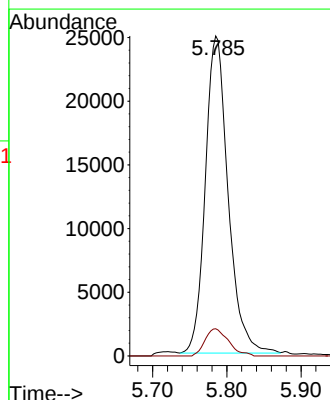
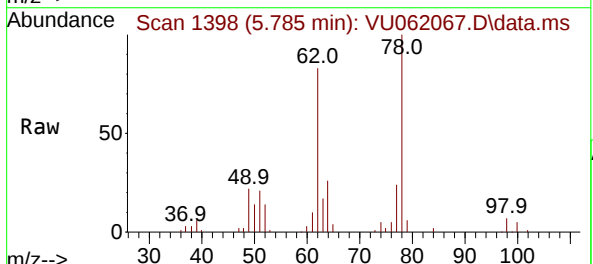
Acq: 02 Dec 2024 10:56

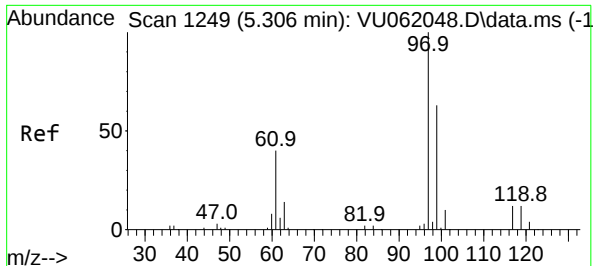
Tgt Ion: 62 Resp: 53039

Ion Ratio Lower Upper

62 100

98 8.5 7.4 11.0

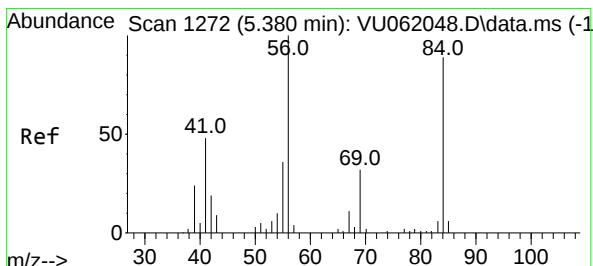
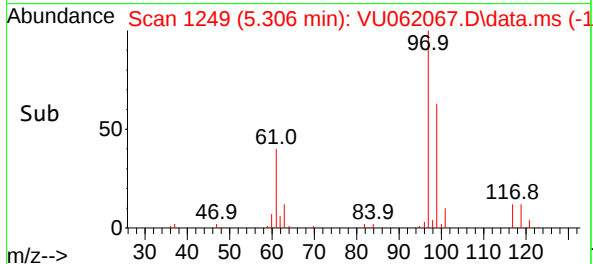
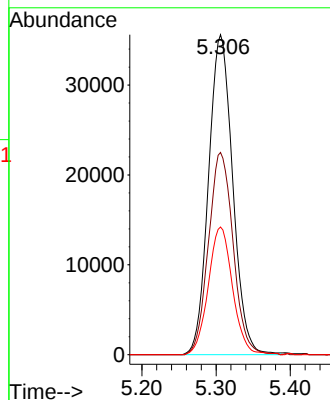
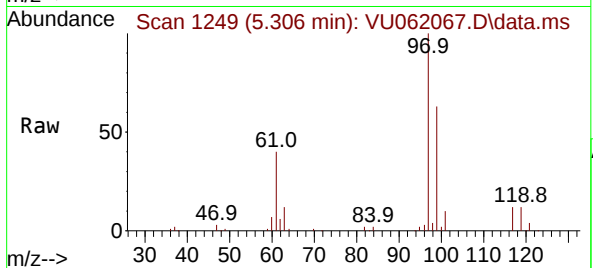




#29
1,1,1-Trichloroethane
Concen: 5.825 ug/L
RT: 5.306 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU062067.D
Acq: 02 Dec 2024 10:56

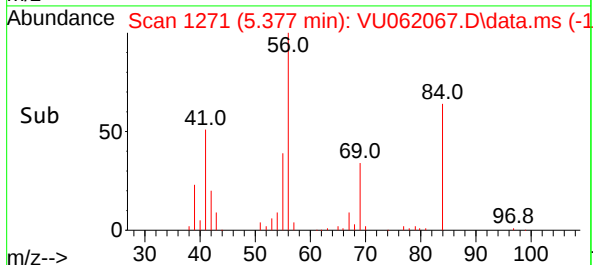
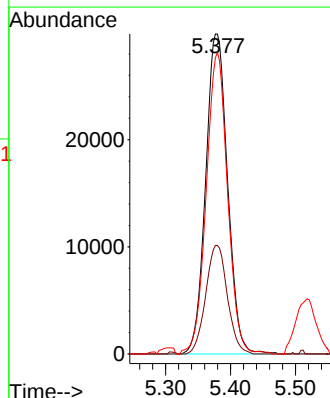
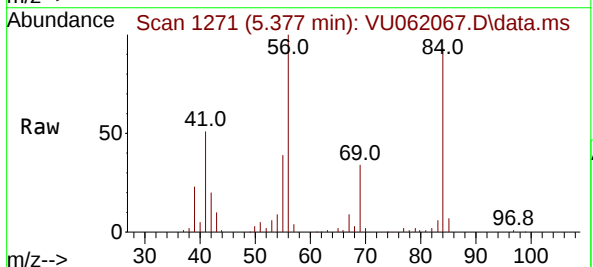
Instrument :
MSVOA_U
ClientSampleId :

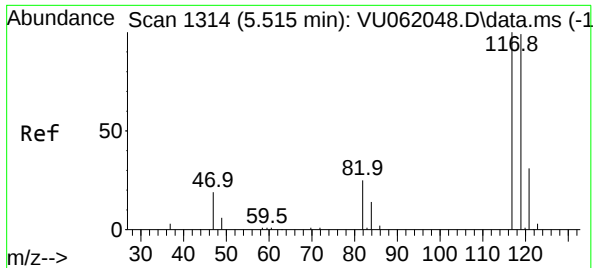
Tgt Ion: 97	Resp: 80475
Ion Ratio	Lower Upper
97 100	
99 64.6	51.4 77.2
61 40.2	37.8 56.6



#30
Cyclohexane
Concen: 4.850 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU062067.D
Acq: 02 Dec 2024 10:56

Tgt Ion: 56	Resp: 70085
Ion Ratio	Lower Upper
56 100	
69 33.5	25.1 37.7
84 91.4	70.6 105.8

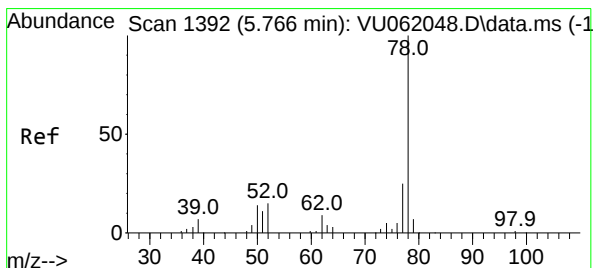
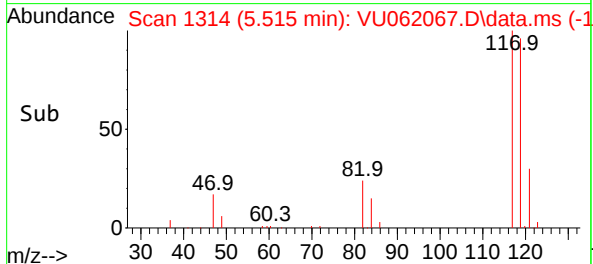
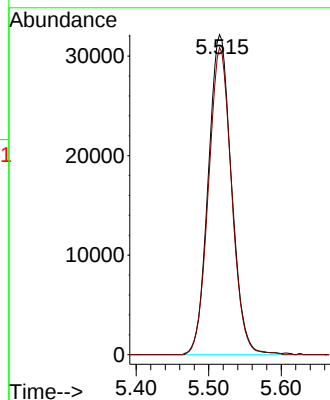
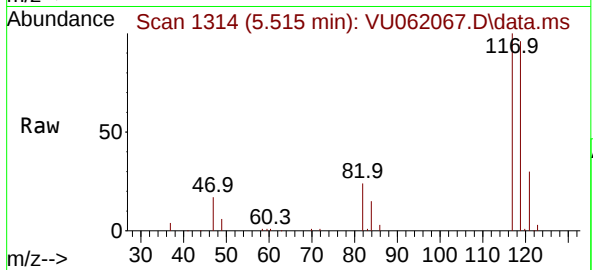




#31
Carbon tetrachloride
Concen: 6.102 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU062067.D
Acq: 02 Dec 2024 10:56

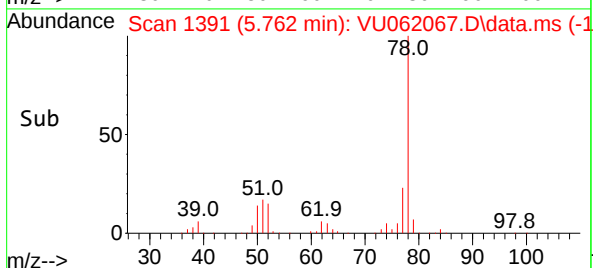
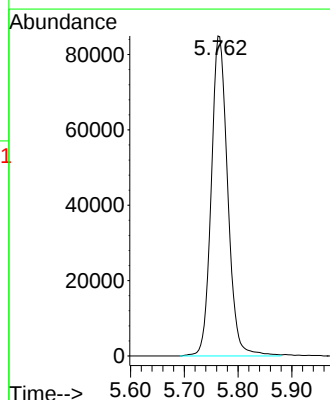
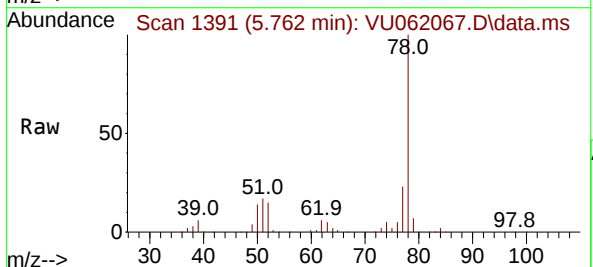
Instrument :
MSVOA_U
ClientSampleId :

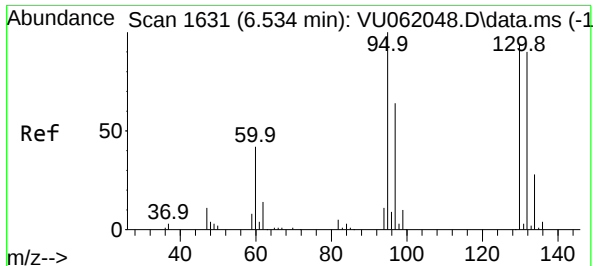
Tgt Ion:117 Resp: 71584
Ion Ratio Lower Upper
117 100
119 95.4 77.5 116.3



#33
Benzene
Concen: 4.987 ug/L
RT: 5.762 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU062067.D
Acq: 02 Dec 2024 10:56

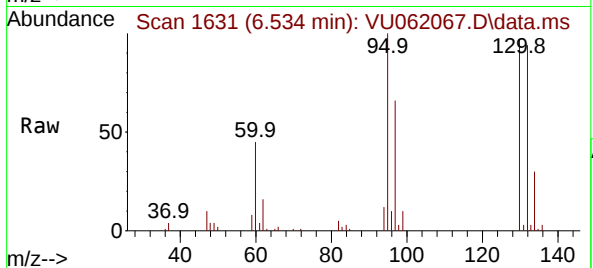
Tgt Ion: 78 Resp: 180509



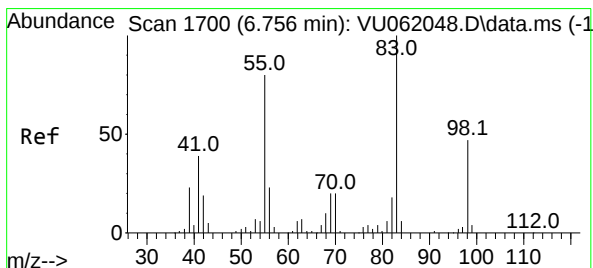
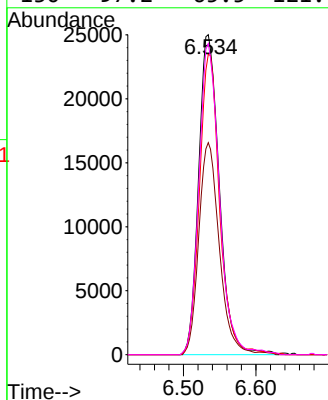
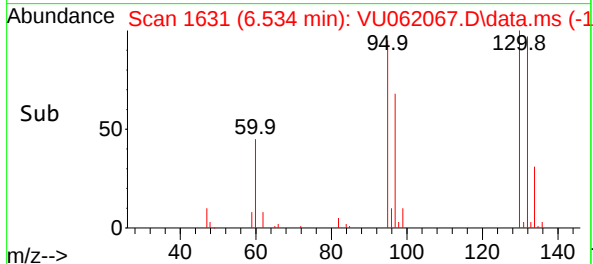


#34
Trichloroethene
Concen: 5.157 ug/L
RT: 6.534 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU062067.D
Acq: 02 Dec 2024 10:56

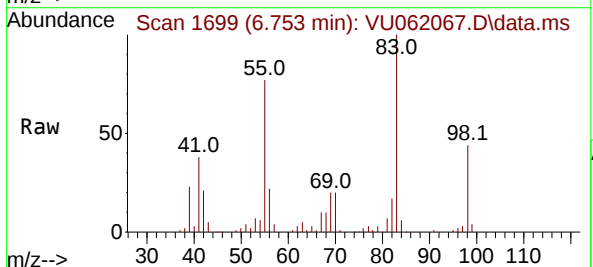
Instrument :
MSVOA_U
ClientSampleId :



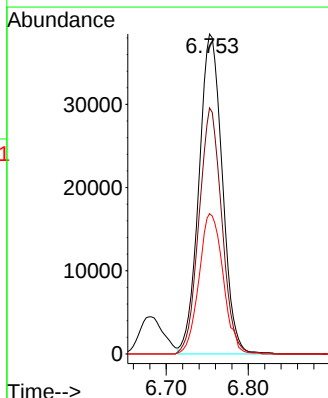
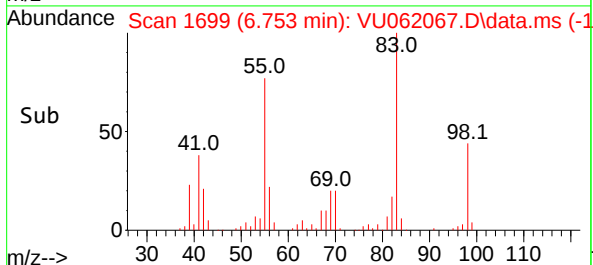
Tgt Ion: 95 Resp: 49825
Ion Ratio Lower Upper
95 100
97 66.2 45.9 85.3
132 93.9 63.8 118.4
130 97.2 65.5 121.7

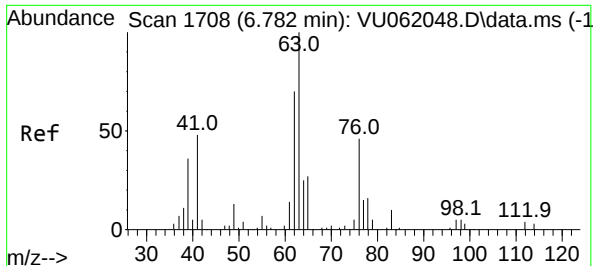


#35
Methylcyclohexane
Concen: 5.155 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU062067.D
Acq: 02 Dec 2024 10:56



Tgt Ion: 83 Resp: 76189
Ion Ratio Lower Upper
83 100
55 74.9 60.7 91.1
98 45.2 34.8 52.2

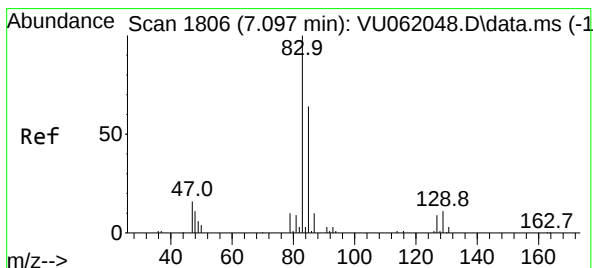
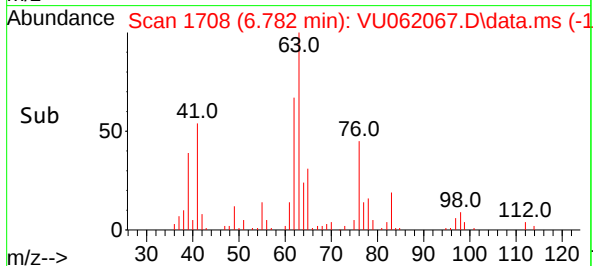
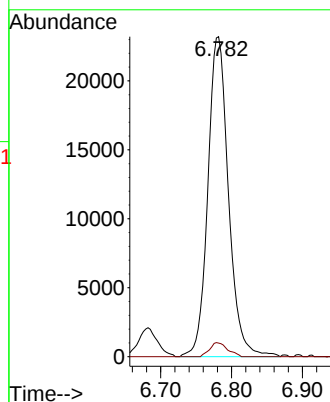
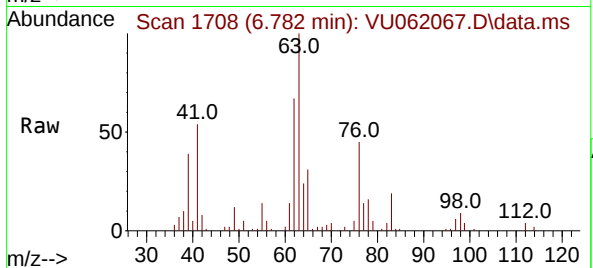




#37
1,2-Dichloropropane
Concen: 4.992 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU062067.D
Acq: 02 Dec 2024 10:56

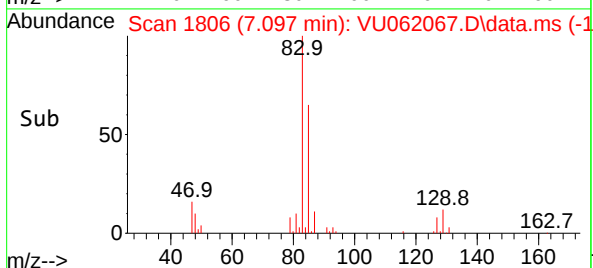
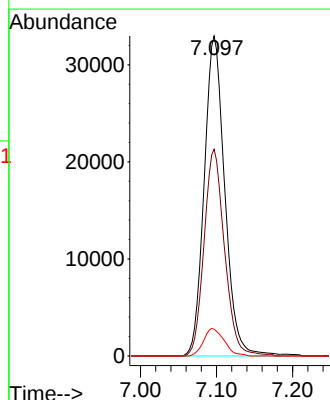
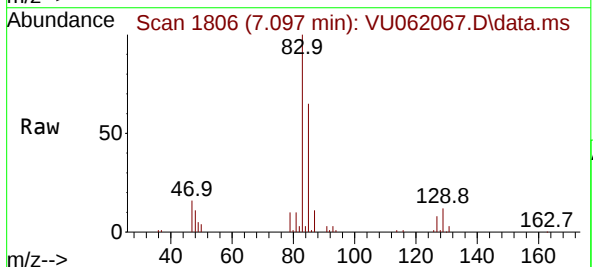
Instrument :
MSVOA_U
ClientSampleId :

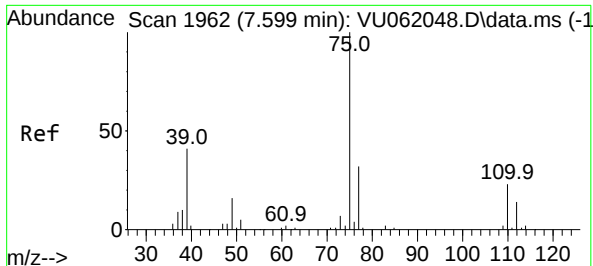
Tgt Ion: 63 Resp: 46944
Ion Ratio Lower Upper
63 100
112 3.8 3.4 5.0



#38
Bromodichloromethane
Concen: 5.438 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU062067.D
Acq: 02 Dec 2024 10:56

Tgt Ion: 83 Resp: 62026
Ion Ratio Lower Upper
83 100
85 64.6 44.1 81.9
127 8.4 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.445 ug/L

RT: 7.598 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU062067.D

Acq: 02 Dec 2024 10:56

Instrument :

MSVOA_U

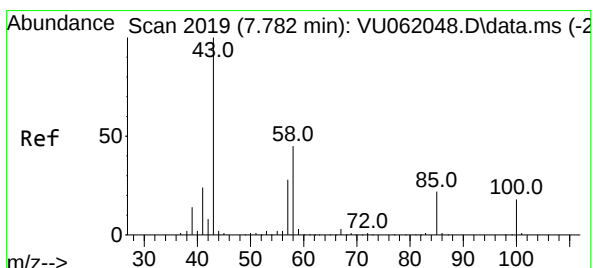
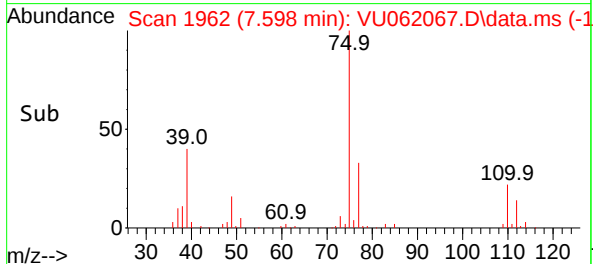
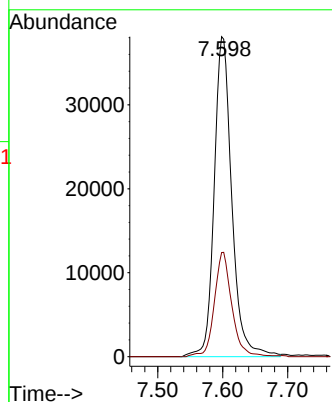
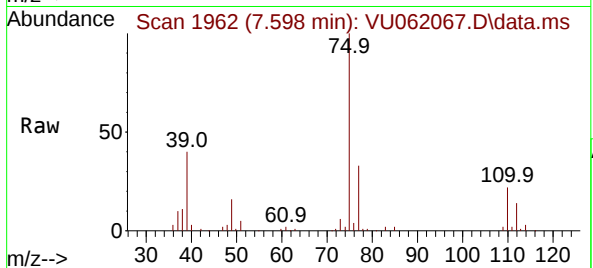
ClientSampleId :

Tgt Ion: 75 Resp: 71802

Ion Ratio Lower Upper

75 100

77 32.5 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 45.344 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VU062067.D

Acq: 02 Dec 2024 10:56

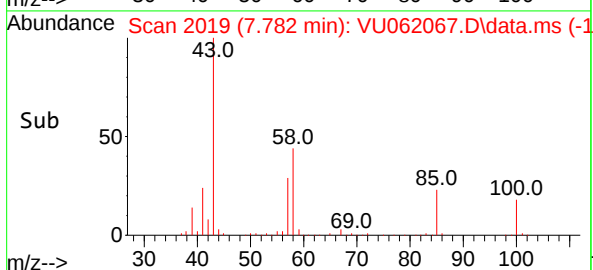
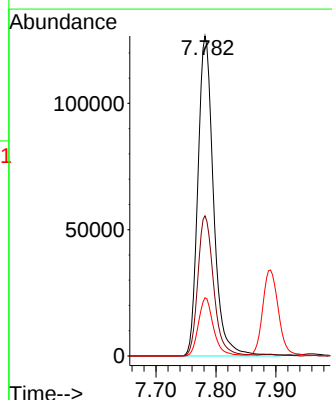
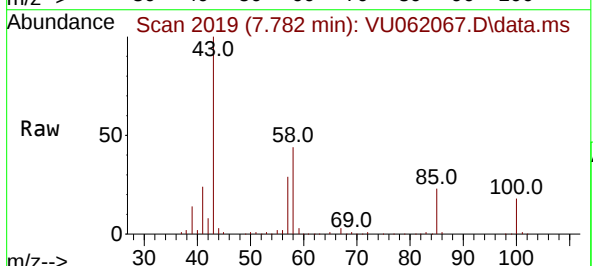
Tgt Ion: 43 Resp: 230085

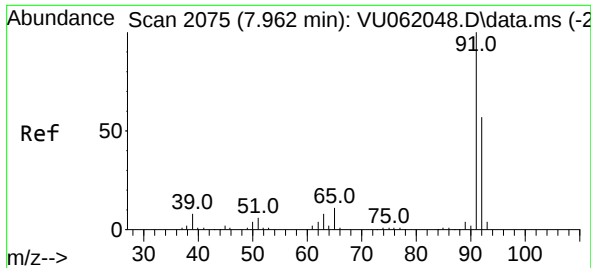
Ion Ratio Lower Upper

43 100

58 44.4 33.3 49.9

100 17.6 12.4 18.6





#42

Toluene

Concen: 5.196 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU062067.D

Acq: 02 Dec 2024 10:56

Instrument :

MSVOA_U

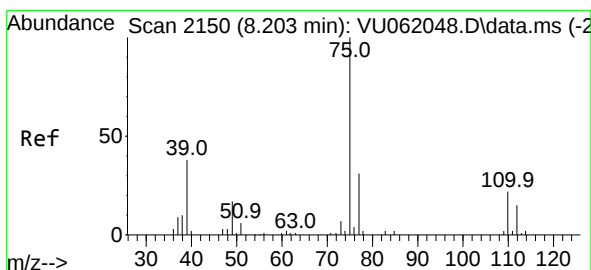
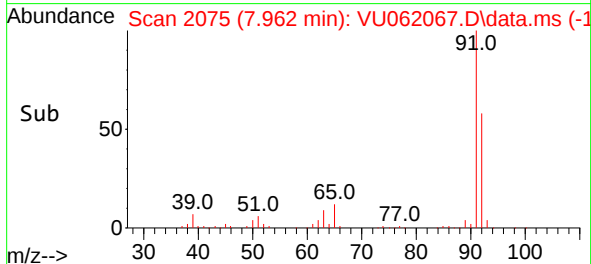
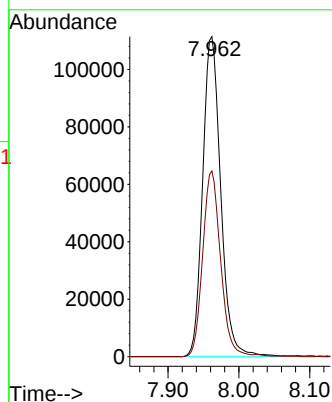
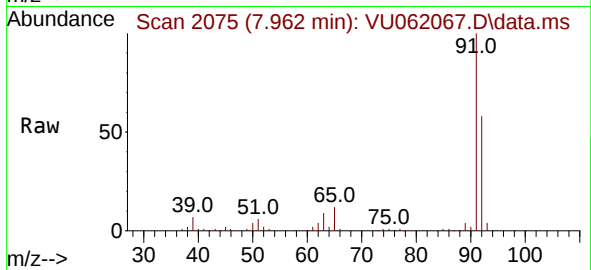
ClientSampleId :

Tgt Ion: 91 Resp: 197393

Ion Ratio Lower Upper

91 100

92 58.0 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.605 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU062067.D

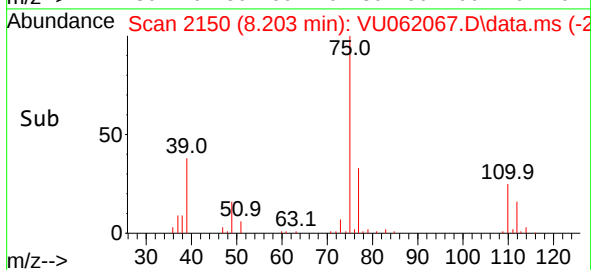
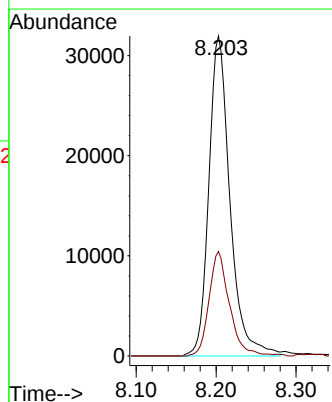
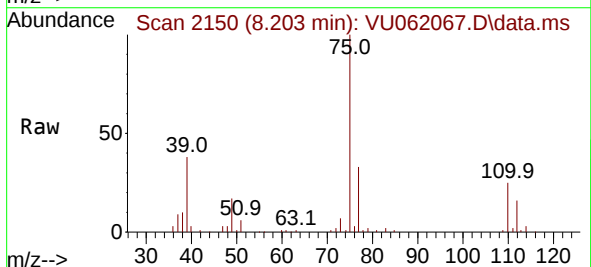
Acq: 02 Dec 2024 10:56

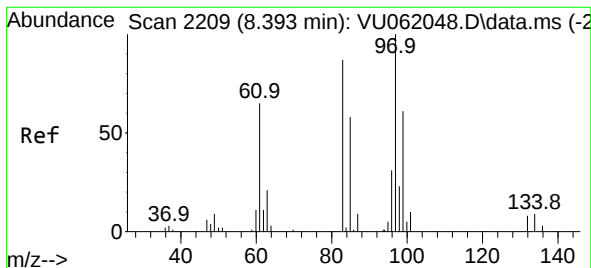
Tgt Ion: 75 Resp: 58697

Ion Ratio Lower Upper

75 100

77 32.6 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 4.686 ug/L

RT: 8.393 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU062067.D

Acq: 02 Dec 2024 10:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 32468

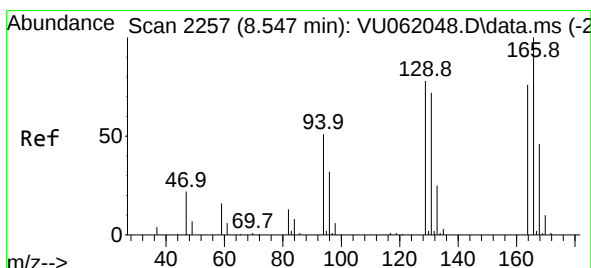
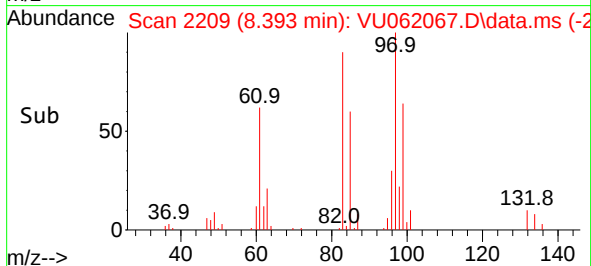
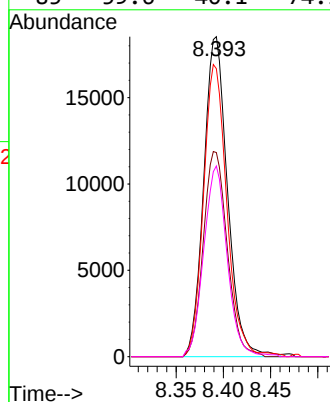
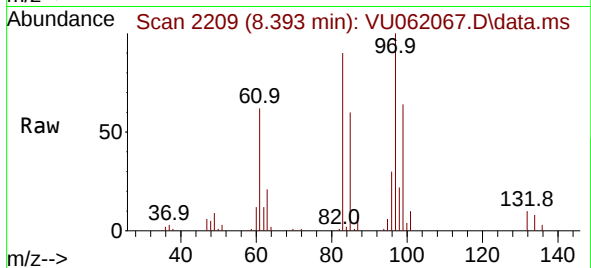
Ion Ratio Lower Upper

97 100

99 63.8 43.0 79.8

83 90.0 61.7 114.5

85 59.6 40.1 74.5



#47

Tetrachloroethene

Concen: 5.556 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.000 min

Lab File: VU062067.D

Acq: 02 Dec 2024 10:56

Tgt Ion:164 Resp: 39038

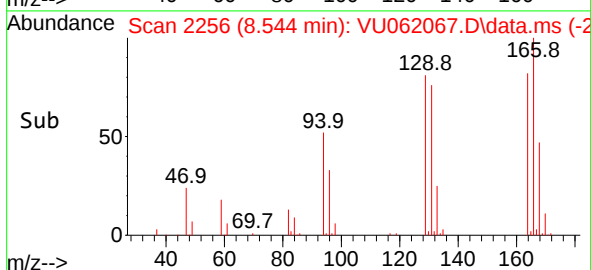
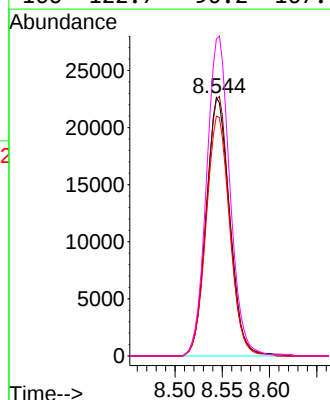
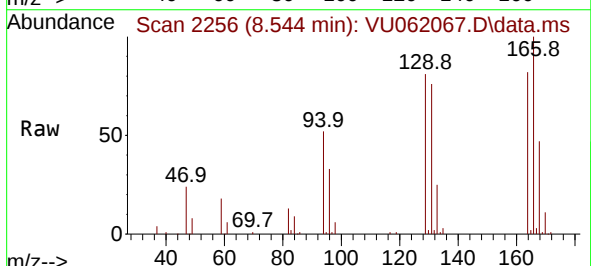
Ion Ratio Lower Upper

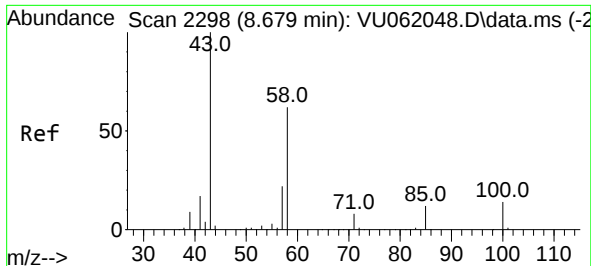
164 100

129 99.3 73.2 136.0

131 92.8 72.3 134.3

166 122.7 90.2 167.4



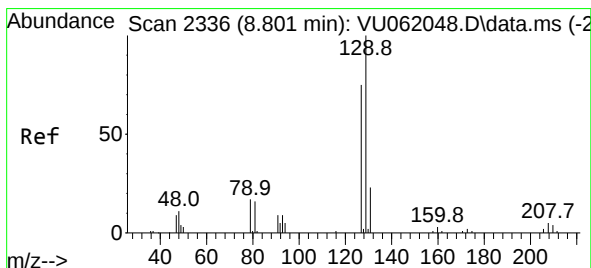
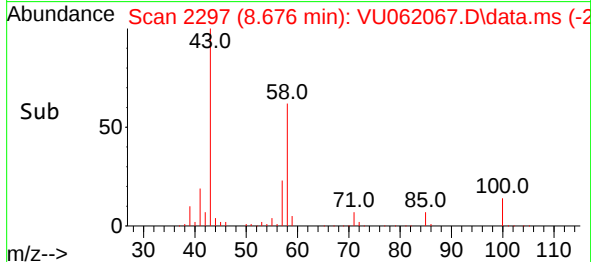
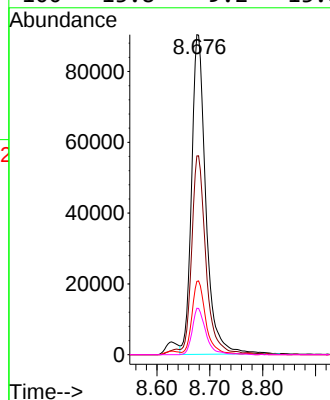
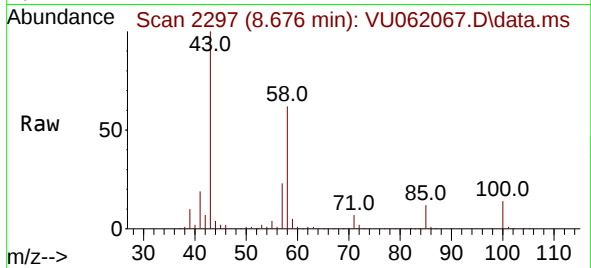


#48
2-Hexanone
Concen: 44.585 ug/L
RT: 8.676 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VU062067.D
Acq: 02 Dec 2024 10:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 169430

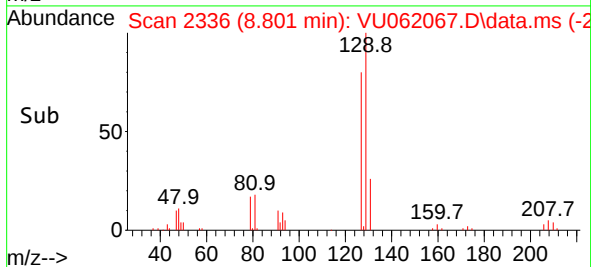
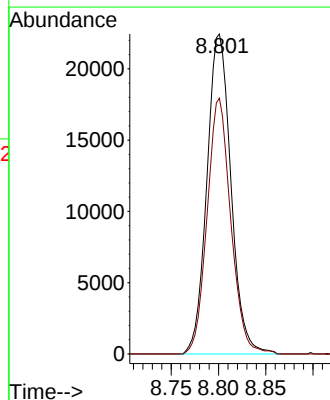
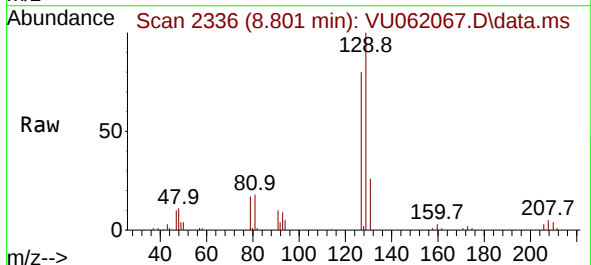
Ion	Ratio	Lower	Upper
43	100		
58	60.5	47.5	71.3
57	22.0	15.6	23.4
100	13.8	9.2	13.8

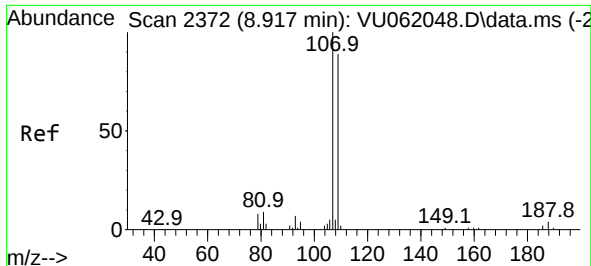


#49
Dibromochloromethane
Concen: 5.432 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.003 min
Lab File: VU062067.D
Acq: 02 Dec 2024 10:56

Tgt Ion: 129 Resp: 39754

Ion	Ratio	Lower	Upper
129	100		
127	80.0	51.1	94.9





#50

1,2-Dibromoethane

Concen: 4.699 ug/L

RT: 8.913 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU062067.D

Acq: 02 Dec 2024 10:56

Instrument :

MSVOA_U

ClientSampleId :

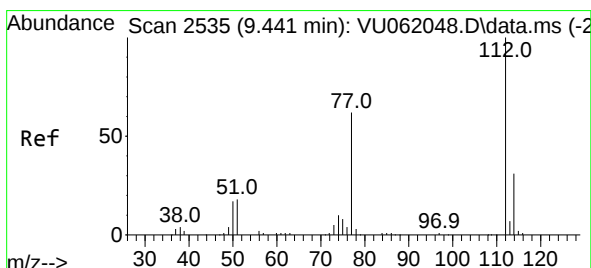
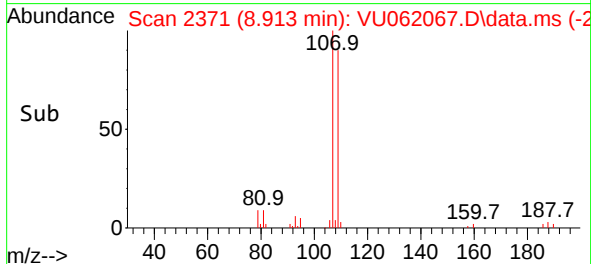
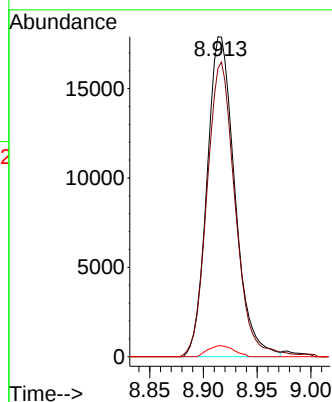
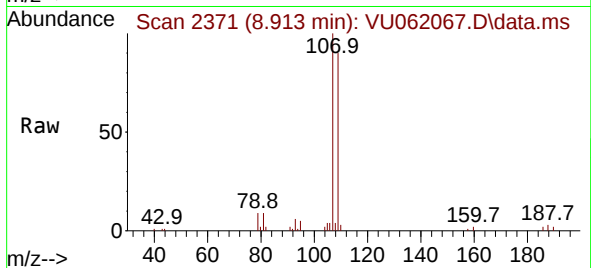
Tgt Ion:107 Resp: 32312

Ion Ratio Lower Upper

107 100

109 90.2 66.8 124.2

188 3.4 2.3 3.5



#51

Chlorobenzene

Concen: 4.769 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. -0.000 min

Lab File: VU062067.D

Acq: 02 Dec 2024 10:56

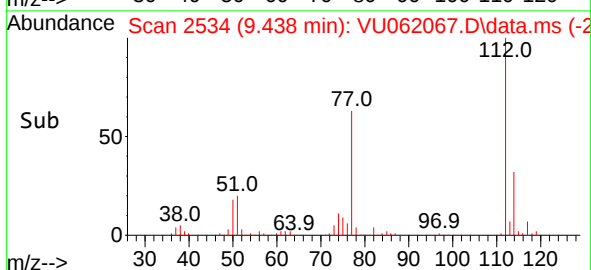
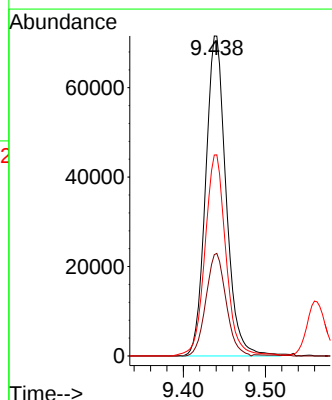
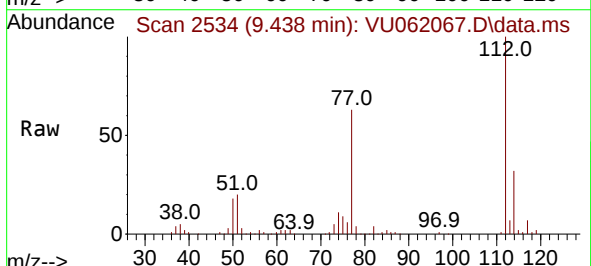
Tgt Ion:112 Resp: 124067

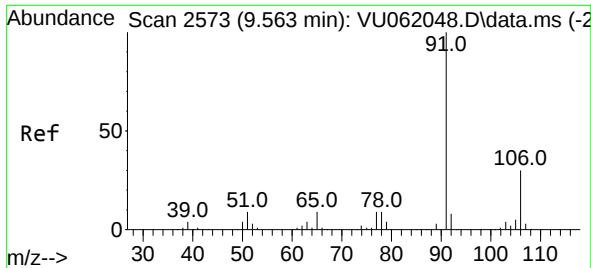
Ion Ratio Lower Upper

112 100

114 31.7 23.0 42.6

77 62.8 50.5 75.7

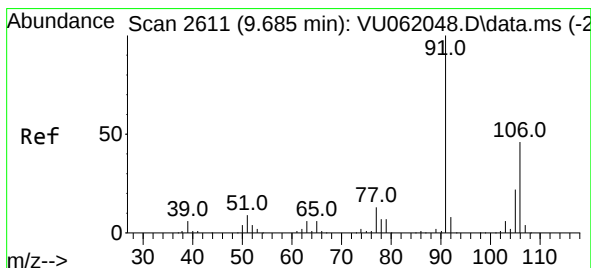
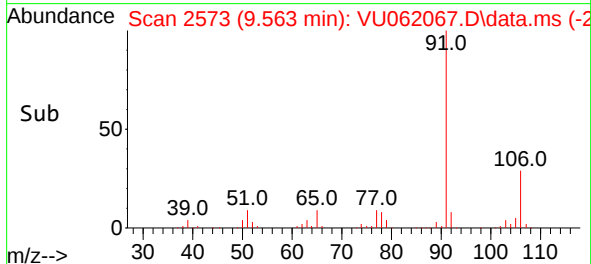
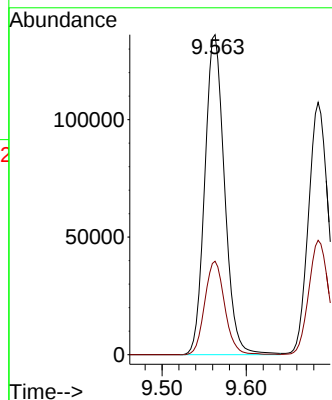
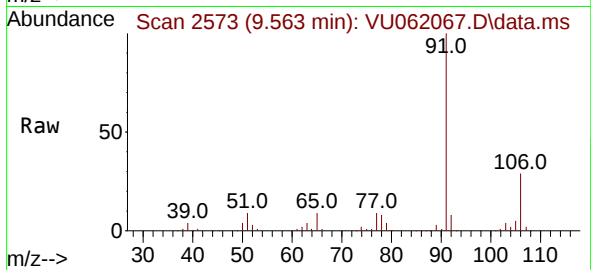




#52
Ethylbenzene
Concen: 4.885 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU062067.D
Acq: 02 Dec 2024 10:56

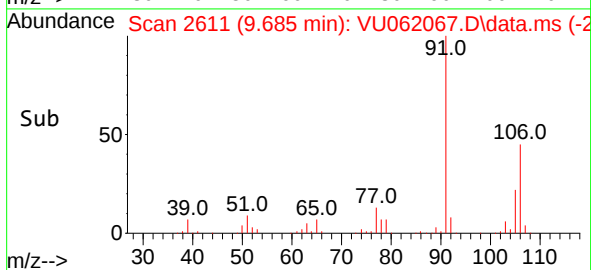
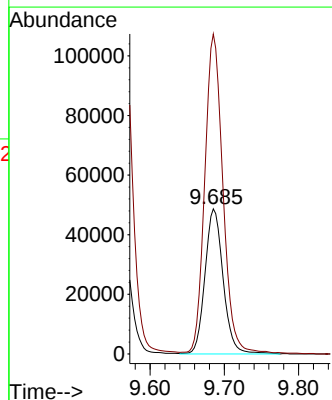
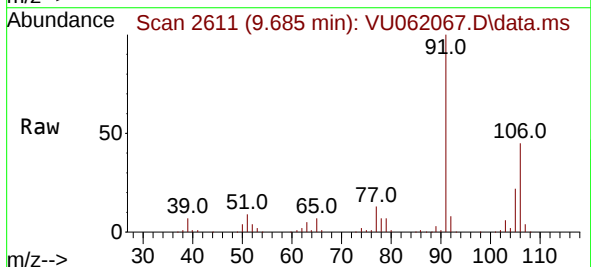
Instrument :
MSVOA_U
ClientSampleId :

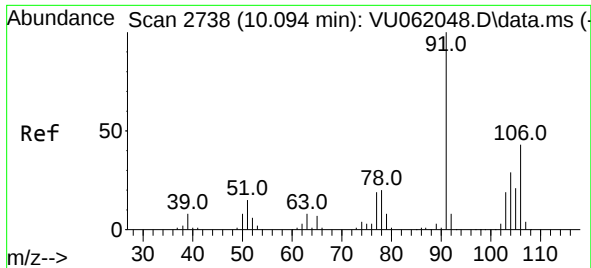
Tgt Ion: 91 Resp: 222082
Ion Ratio Lower Upper
91 100
106 29.2 21.6 40.0



#53
m,p-Xylene
Concen: 5.163 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062067.D
Acq: 02 Dec 2024 10:56

Tgt Ion: 106 Resp: 82821
Ion Ratio Lower Upper
106 100
91 220.4 147.6 274.0

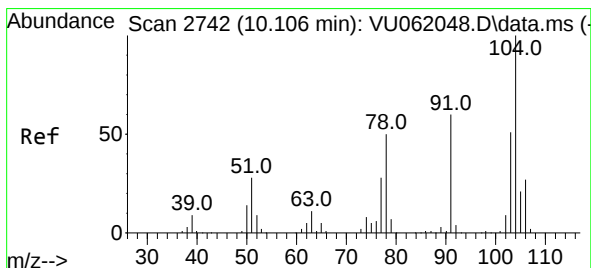
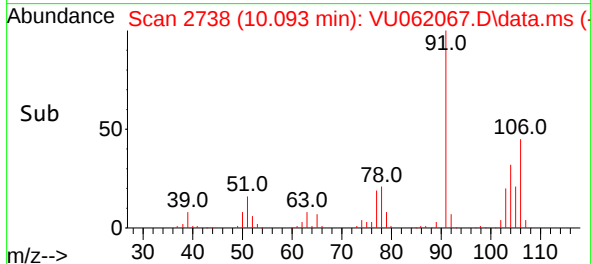
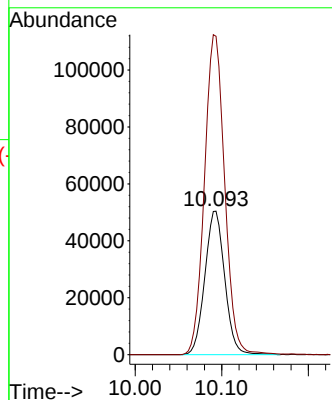
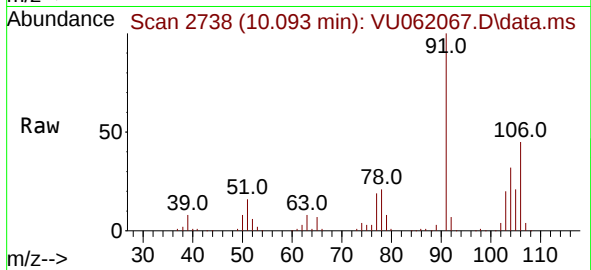




#54
o-Xylene
Concen: 4.964 ug/L
RT: 10.093 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU062067.D
Acq: 02 Dec 2024 10:56

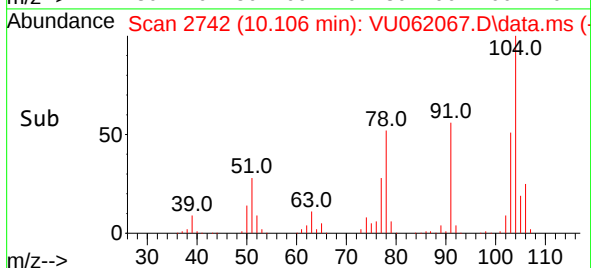
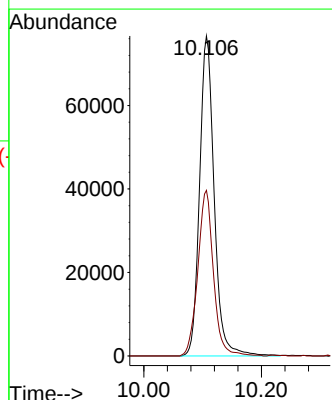
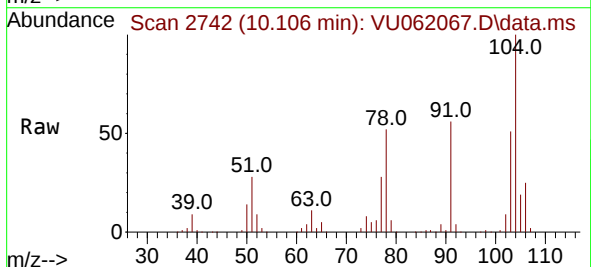
Instrument :
MSVOA_U
ClientSampleId :

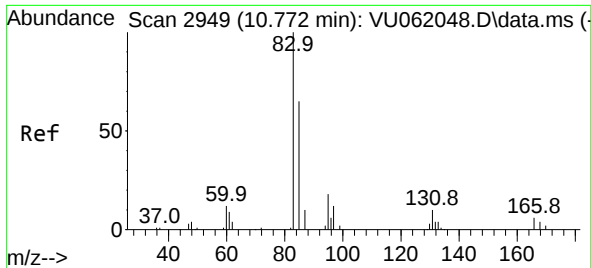
Tgt Ion:106 Resp: 80375
Ion Ratio Lower Upper
106 100
91 221.9 159.8 296.8



#55
Styrene
Concen: 4.953 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU062067.D
Acq: 02 Dec 2024 10:56

Tgt Ion:104 Resp: 132114
Ion Ratio Lower Upper
104 100
78 51.7 33.2 61.7

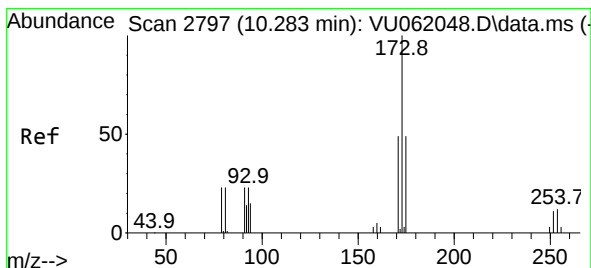
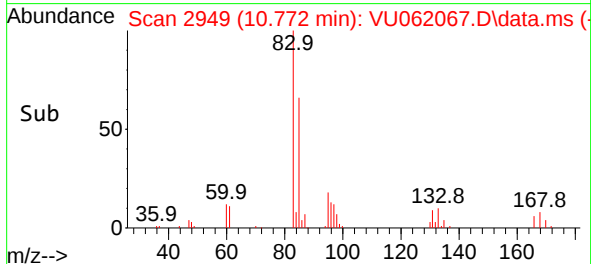
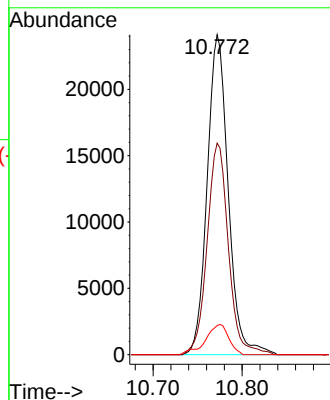
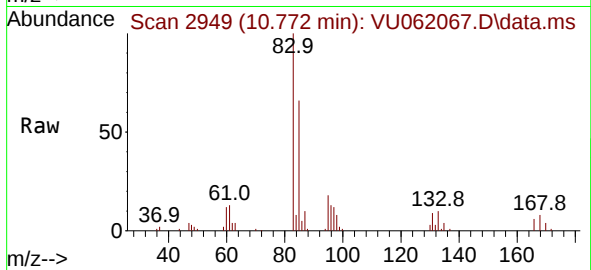




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.448 ug/L
 RT: 10.772 min Scan# 2949
 Delta R.T. -0.000 min
 Lab File: VU062067.D
 Acq: 02 Dec 2024 10:56

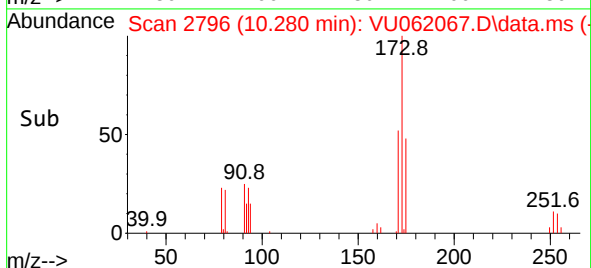
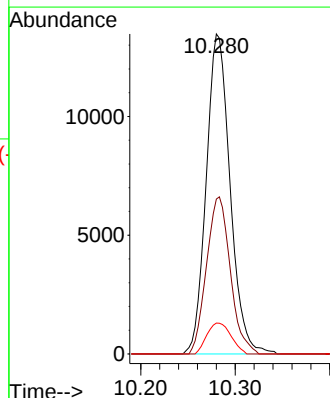
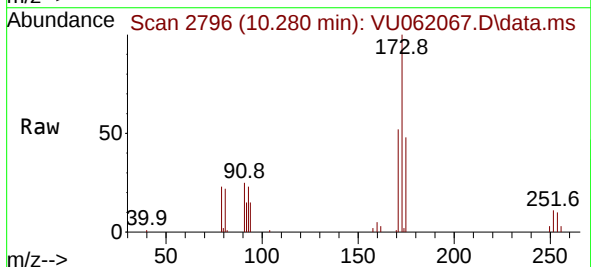
Instrument :
 MSVOA_U
 ClientSampleId :

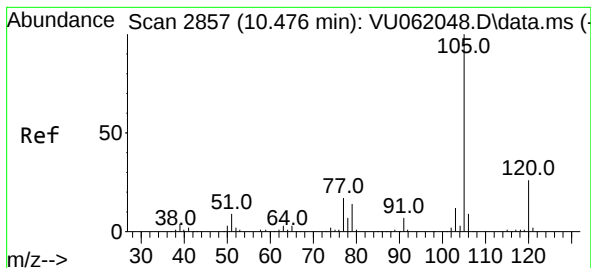
Tgt Ion:	83	Resp:	39489
Ion	Ratio	Lower	Upper
83	100		
85	66.1	44.4	82.4
131	9.1	7.3	10.9



#59
 Bromoform
 Concen: 5.194 ug/L
 RT: 10.280 min Scan# 2796
 Delta R.T. -0.000 min
 Lab File: VU062067.D
 Acq: 02 Dec 2024 10:56

Tgt Ion:	173	Resp:	23626
Ion	Ratio	Lower	Upper
173	100		
175	48.9	39.0	58.4
254	9.8	7.4	11.0





#60

Isopropylbenzene

Concen: 4.671 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU062067.D

Acq: 02 Dec 2024 10:56

Instrument :

MSVOA_U

ClientSampleId :

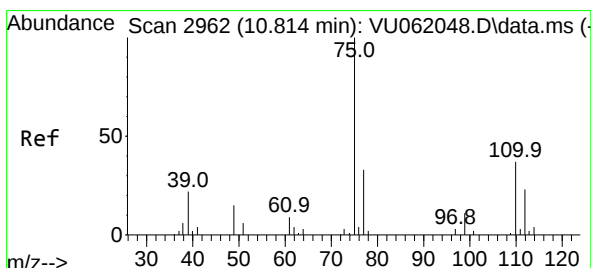
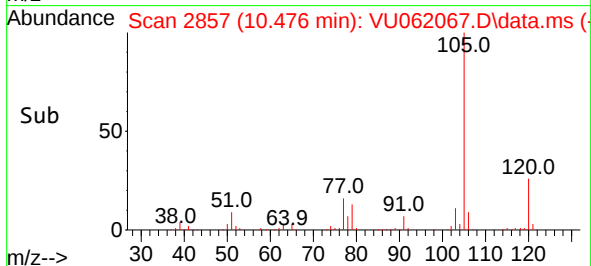
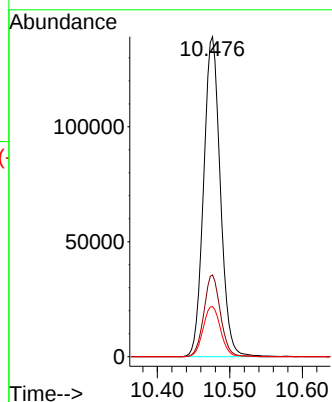
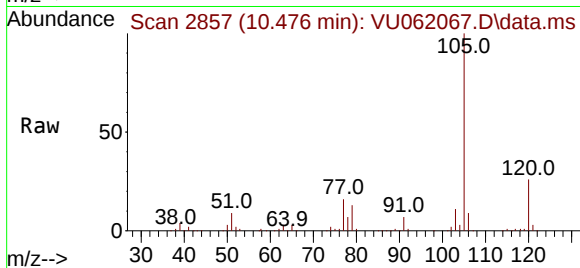
Tgt Ion:105 Resp: 222871

Ion Ratio Lower Upper

105 100

120 25.4 20.6 31.0

77 16.5 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 4.069 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU062067.D

Acq: 02 Dec 2024 10:56

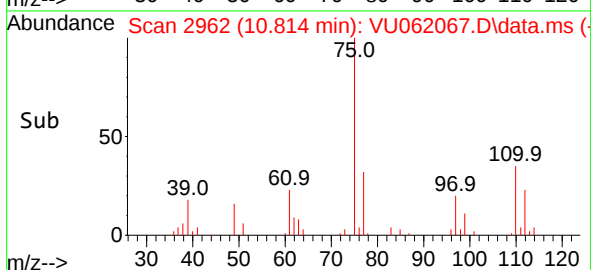
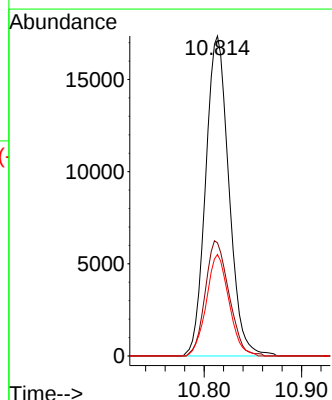
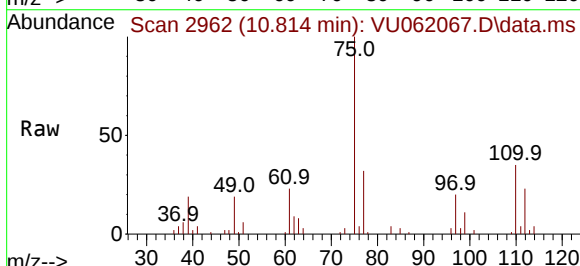
Tgt Ion: 75 Resp: 28781

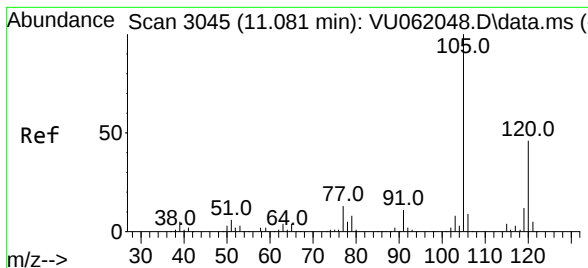
Ion Ratio Lower Upper

75 100

110 36.7 28.9 43.3

77 30.9 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 4.920 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU062067.D

Acq: 02 Dec 2024 10:56

Instrument :

MSVOA_U

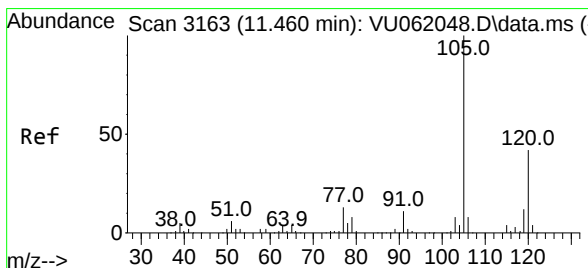
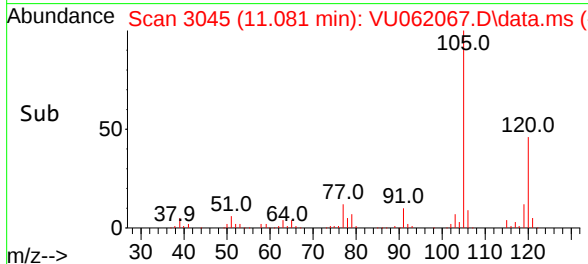
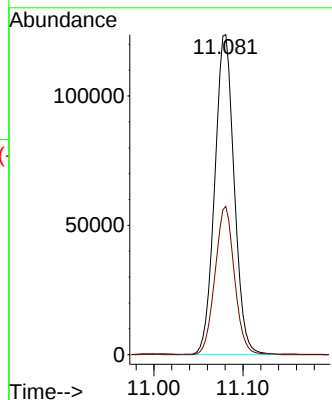
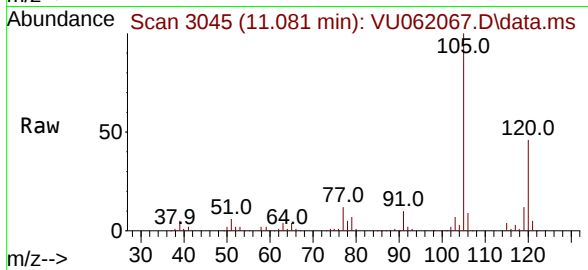
ClientSampleId :

Tgt Ion:105 Resp: 187240

Ion Ratio Lower Upper

105 100

120 46.5 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 4.883 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU062067.D

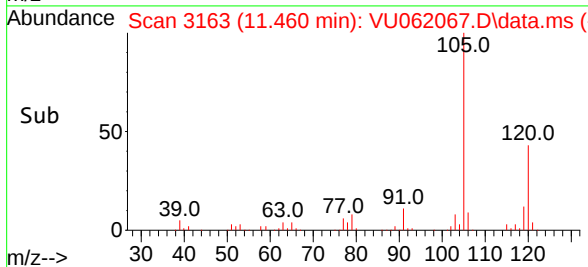
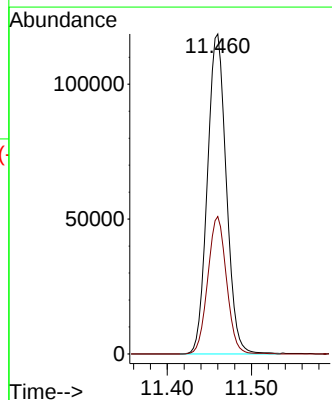
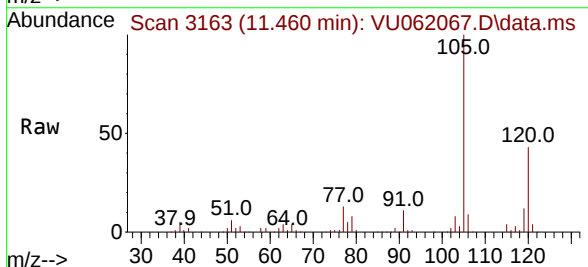
Acq: 02 Dec 2024 10:56

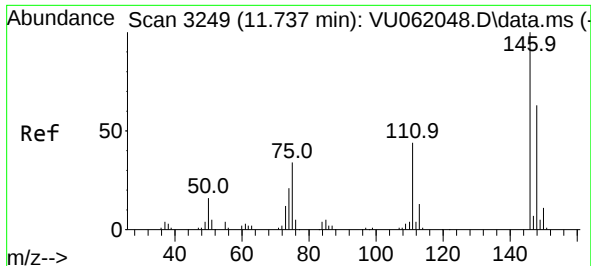
Tgt Ion:105 Resp: 185296

Ion Ratio Lower Upper

105 100

120 42.5 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 4.759 ug/L

RT: 11.737 min Scan# 31

Delta R.T. -0.000 min

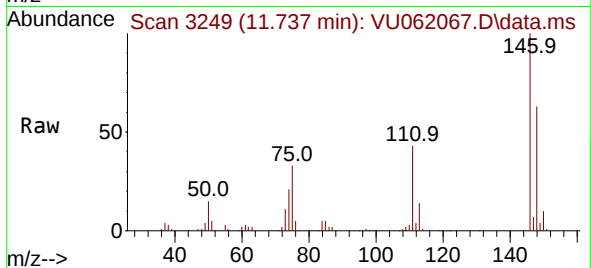
Lab File: VU062067.D

Acq: 02 Dec 2024 10:56

Instrument :

MSVOA_U

ClientSampleId :



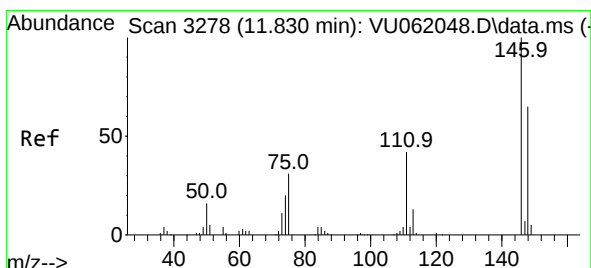
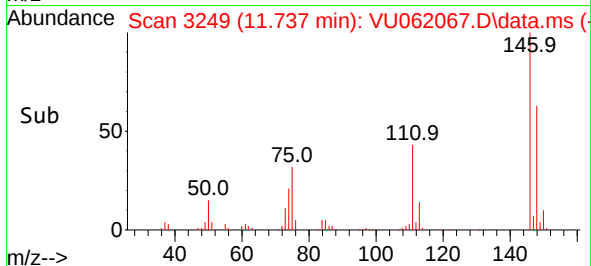
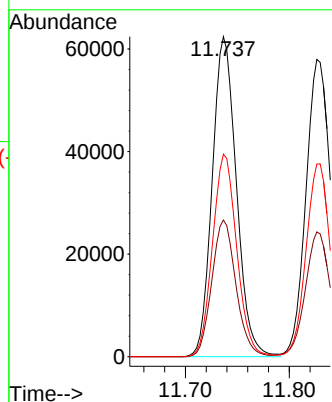
Tgt Ion:146 Resp: 100786

Ion Ratio Lower Upper

146 100

111 42.7 30.7 57.1

148 63.3 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 4.756 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU062067.D

Acq: 02 Dec 2024 10:56

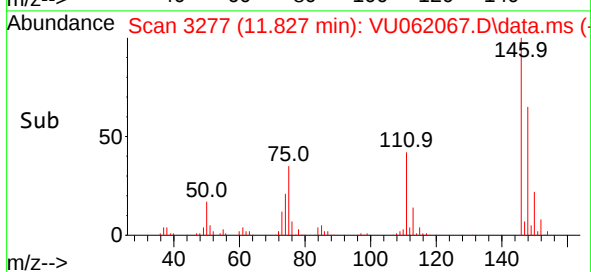
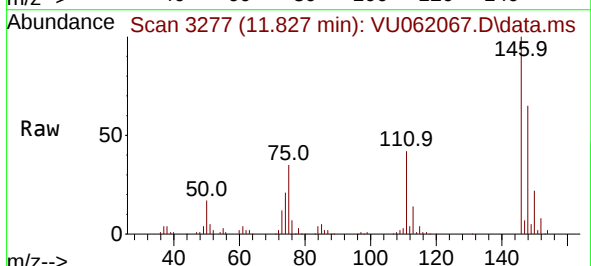
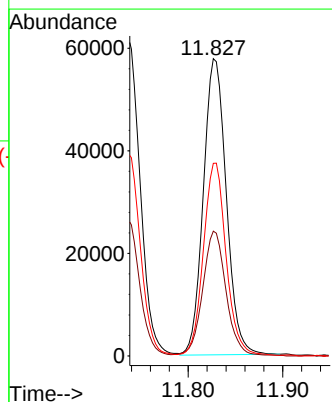
Tgt Ion:146 Resp: 97495

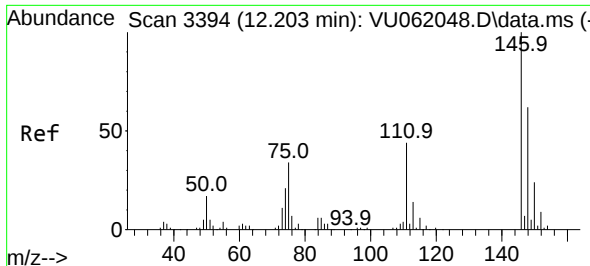
Ion Ratio Lower Upper

146 100

111 42.0 29.3 54.3

148 64.8 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.951 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU062067.D

Acq: 02 Dec 2024 10:56

Instrument :

MSVOA_U

ClientSampleId :

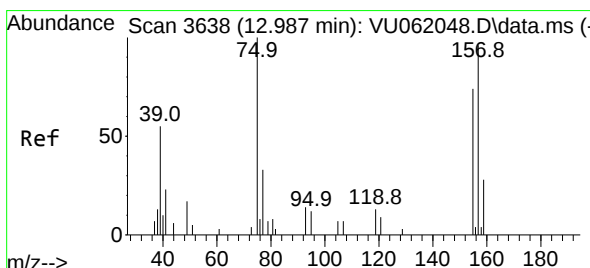
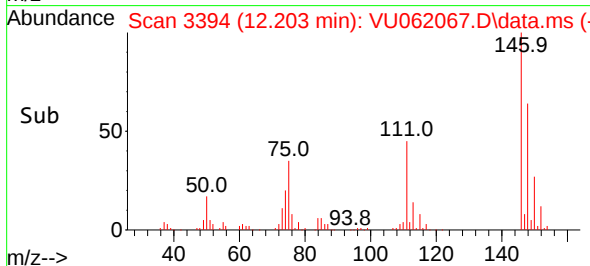
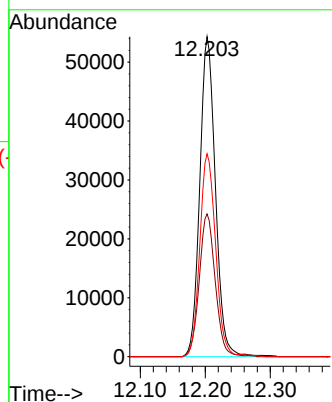
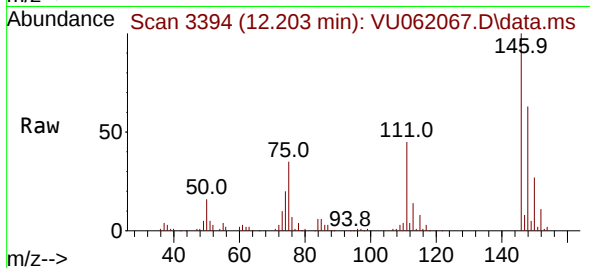
Tgt Ion:146 Resp: 91198

Ion Ratio Lower Upper

146 100

111 44.6 36.0 54.0

148 63.4 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.180 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU062067.D

Acq: 02 Dec 2024 10:56

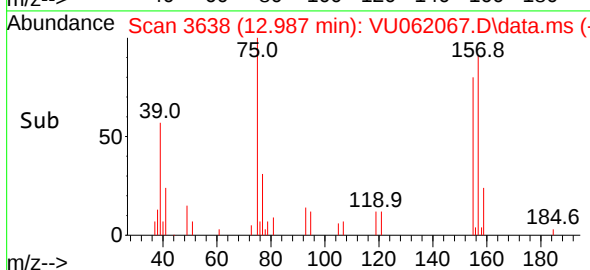
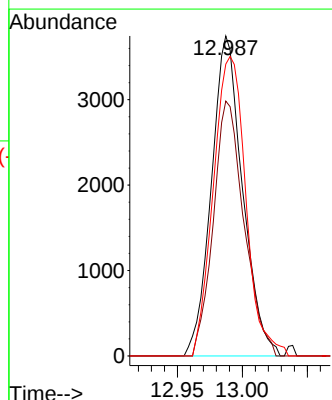
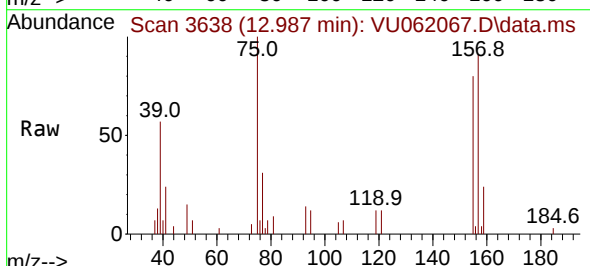
Tgt Ion: 75 Resp: 6254

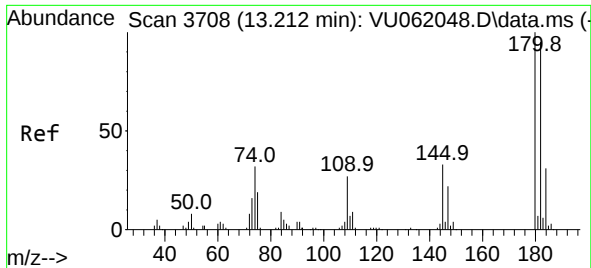
Ion Ratio Lower Upper

75 100

155 79.7 55.2 82.8

157 91.2 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 5.893 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU062067.D

Acq: 02 Dec 2024 10:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 74262

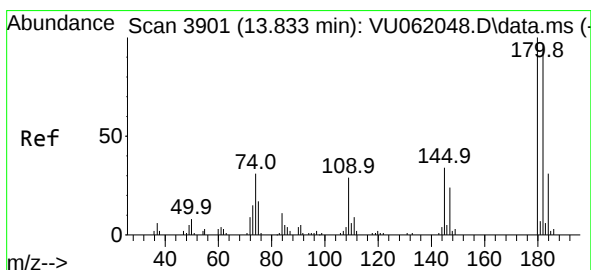
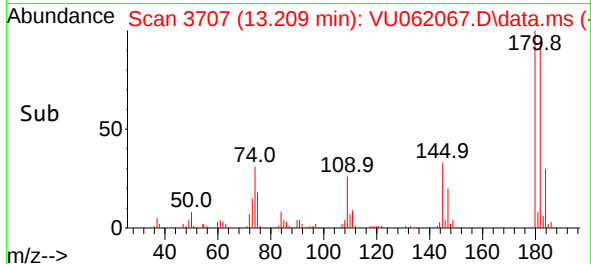
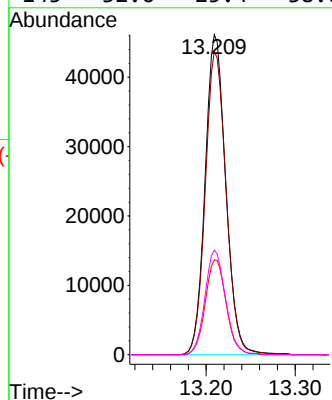
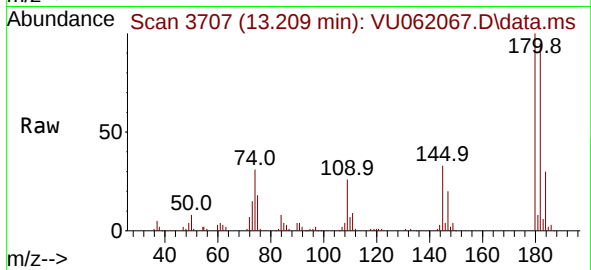
Ion Ratio Lower Upper

180 100

182 95.9 76.7 115.1

184 29.9 24.8 37.2

145 32.6 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.838 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU062067.D

Acq: 02 Dec 2024 10:56

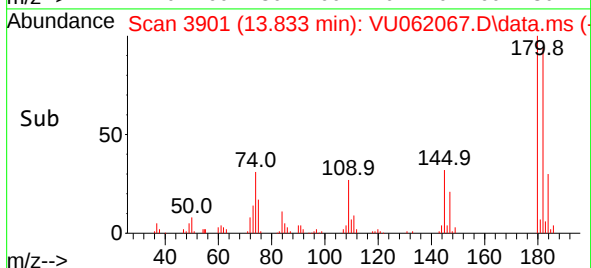
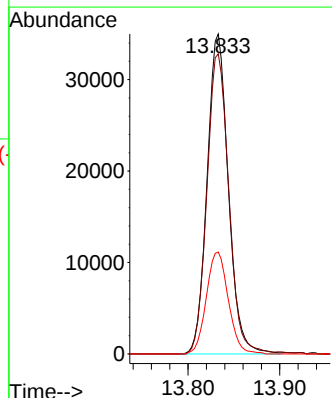
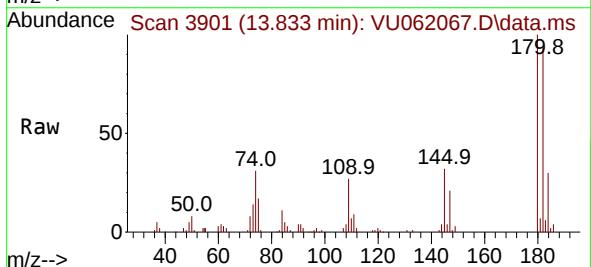
Tgt Ion:180 Resp: 56392

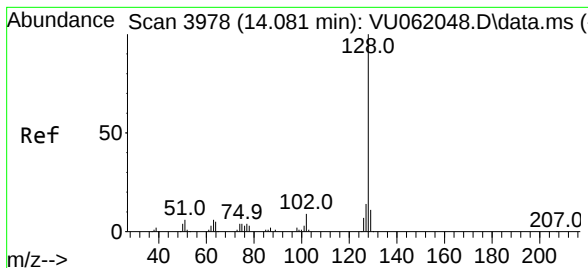
Ion Ratio Lower Upper

180 100

182 96.4 74.5 111.7

145 32.9 25.6 38.4





#71

Naphthalene

Concen: 5.158 ug/L

RT: 14.080 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU062067.D

Acq: 02 Dec 2024 10:56

Instrument :

MSVOA_U

ClientSampleId :

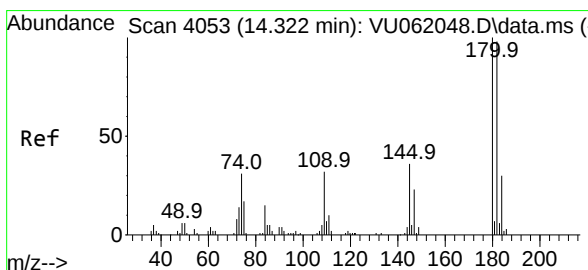
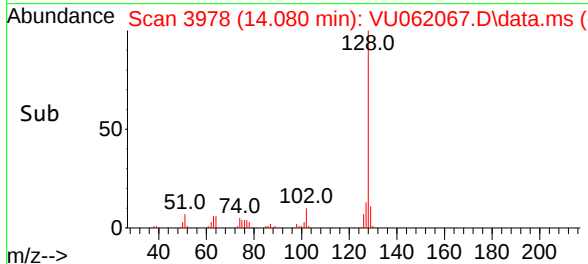
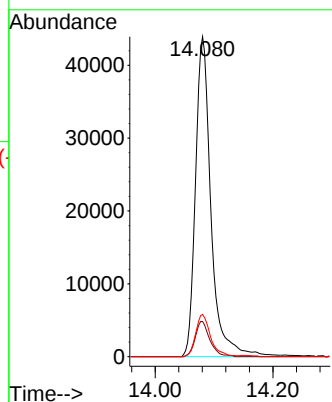
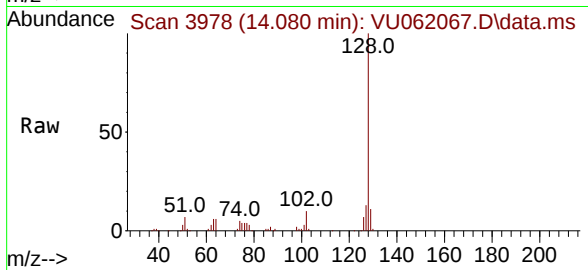
Tgt Ion:128 Resp: 80300

Ion Ratio Lower Upper

128 100

129 10.3 8.5 12.7

127 12.8 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.640 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU062067.D

Acq: 02 Dec 2024 10:56

Tgt Ion:180 Resp: 46917

Ion Ratio Lower Upper

180 100

182 93.1 76.1 114.1

145 34.5 27.4 41.0

