

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
 Data File : VU061773.D
 Acq On : 17 Nov 2024 03:50
 Operator : MD/SY
 Sample : P4847-03
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 04:23:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 18 04:15:29 2024
 Response via : Initial Calibration

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

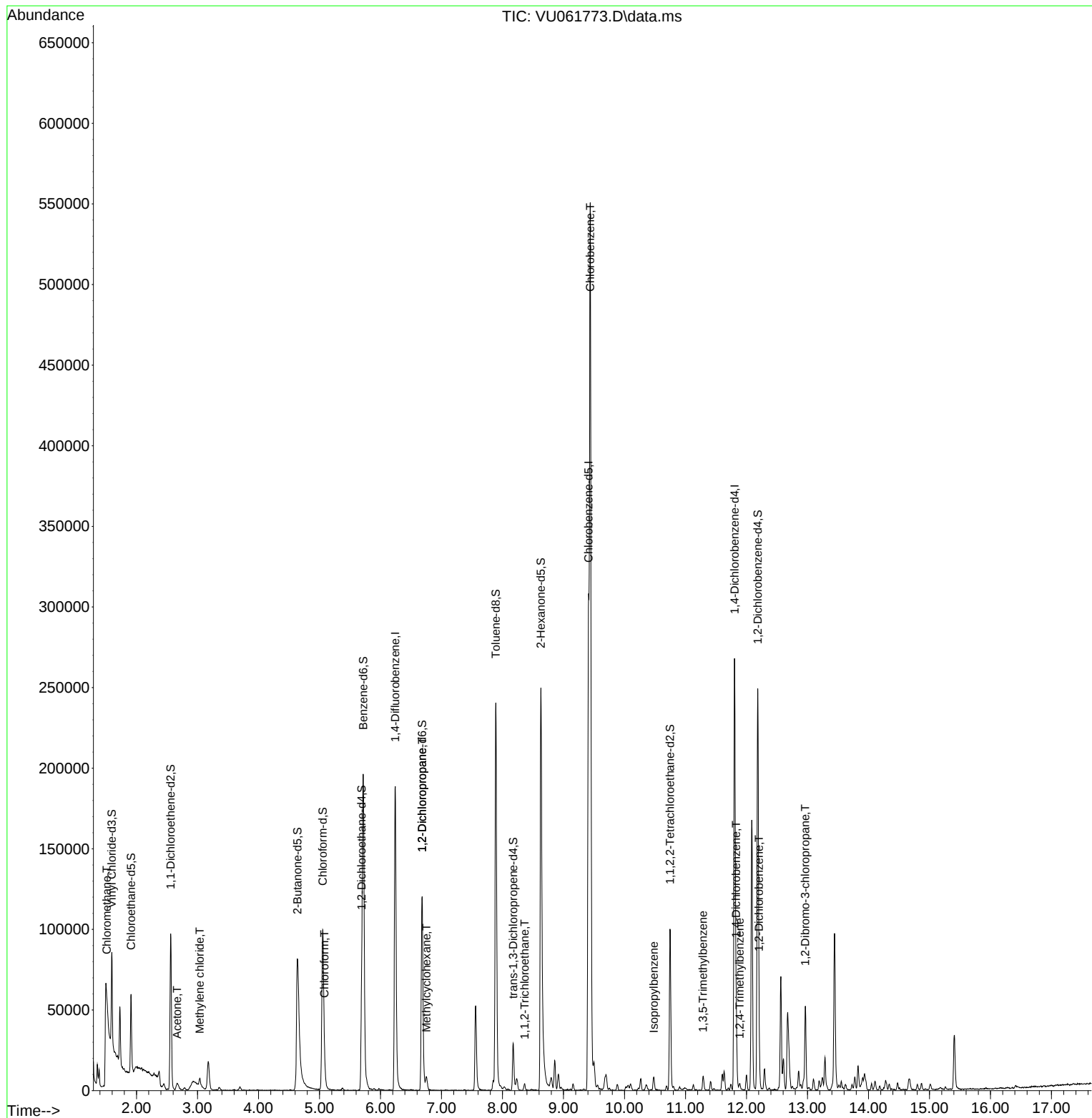
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	166345	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	160811	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	73046	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	38067	3.542	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.800%	
7) Chloroethane-d5	1.911	69	35657	3.886	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.800%	
11) 1,1-Dichloroethene-d2	2.560	65	18346	3.804	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.000%	
20) 2-Butanone-d5	4.637	46	119621	52.437	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.880%	
24) Chloroform-d	5.052	84	94152	4.407	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
26) 1,2-Dichloroethane-d4	5.692	65	48891	4.769	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.400%	
32) Benzene-d6	5.717	84	191228	4.298	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.000%	
36) 1,2-Dichloropropane-d6	6.682	67	61325	4.674	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.400%	
41) Toluene-d8	7.891	98	170435	4.110	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.200%	
43) trans-1,3-Dichloroprop...	8.174	79	18365	3.800	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.000%	
46) 2-Hexanone-d5	8.627	63	93594	49.006	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.020%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50520	4.884	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.600%	
66) 1,2-Dichlorobenzene-d4	12.183	152	64201	4.935	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.600%	
Target Compounds						Qvalue
3) Chloromethane	1.515	50	3514	0.313	ug/L #	66
13) Acetone	2.666	43	7888	5.488	ug/L	98
16) Methylene chloride	3.036	84	1933	0.167	ug/L	88
25) Chloroform	5.081	83	8632	0.408	ug/L	98
35) Methylcyclohexane	6.753	83	3379	0.170	ug/L	90
37) 1,2-Dichloropropane	6.682	63	6582	0.533	ug/L #	89
45) 1,1,2-Trichloroethane	8.364	97	1477	0.164	ug/L #	14
51) Chlorobenzene	9.438	112	310997	9.220	ug/L	100
60) Isopropylbenzene	10.483	105	6647	0.131	ug/L #	83
62) 1,3,5-Trimethylbenzene	11.286	105	5129	0.126	ug/L #	69
63) 1,2,4-Trimethylbenzene	11.888	105	2039	0.052	ug/L	89
65) 1,4-Dichlorobenzene	11.830	146	18227	0.773	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	2795	0.129	ug/L	88
68) 1,2-Dibromo-3-chloropr...	12.962	75	119	0.099	ug/L #	3

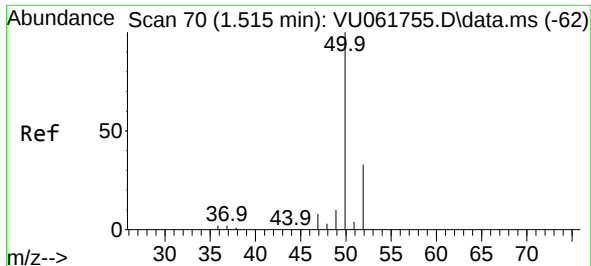
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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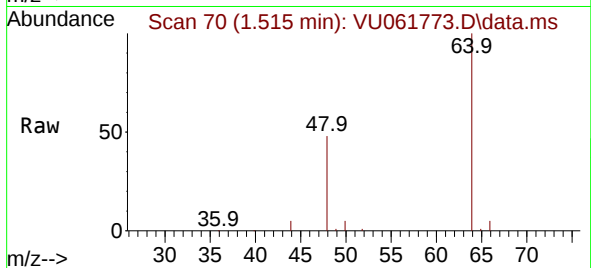
Quant Time: Nov 18 04:23:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0
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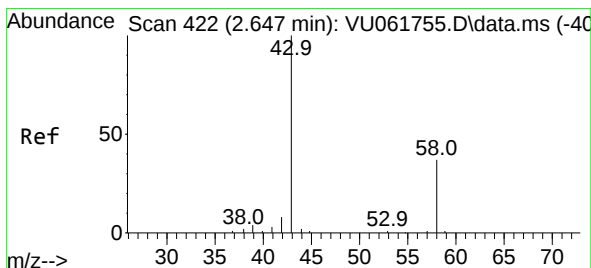
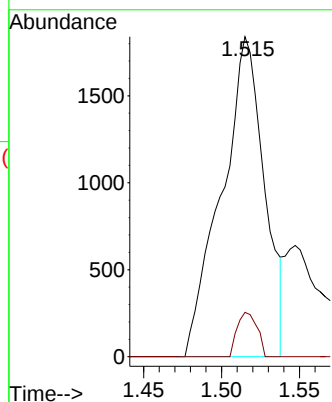
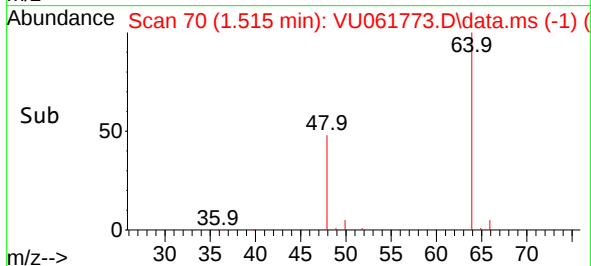


#3
Chloromethane
Concen: 0.313 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU061773.D
Acq: 17 Nov 2024 03:50

Instrument :
MSVOA_U
ClientSampleId :

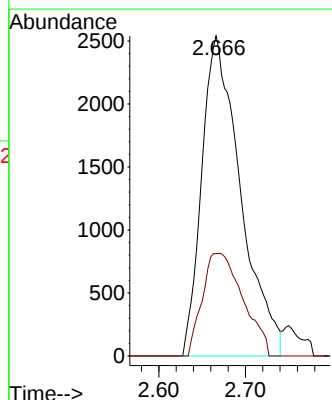
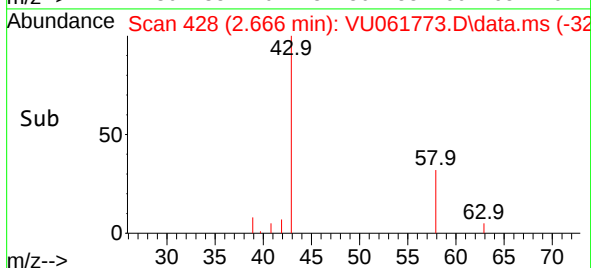
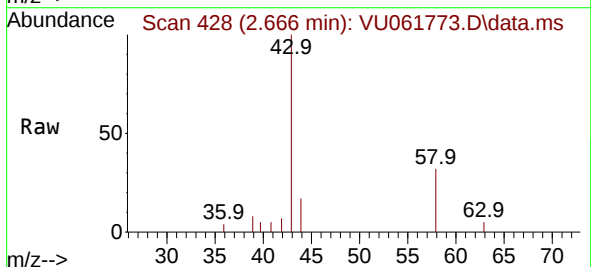


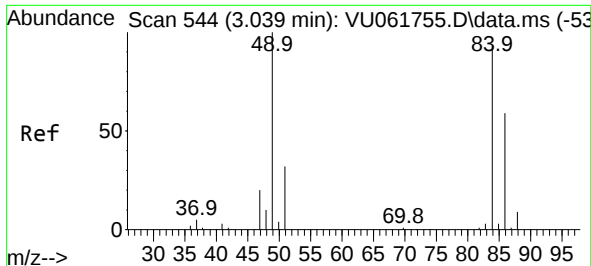
Tgt Ion: 50 Resp: 3514
Ion Ratio Lower Upper
50 100
52 13.9 23.2 43.2#



#13
Acetone
Concen: 5.488 ug/L
RT: 2.666 min Scan# 428
Delta R.T. 0.019 min
Lab File: VU061773.D
Acq: 17 Nov 2024 03:50

Tgt Ion: 43 Resp: 7888
Ion Ratio Lower Upper
43 100
58 33.6 0.0 69.8

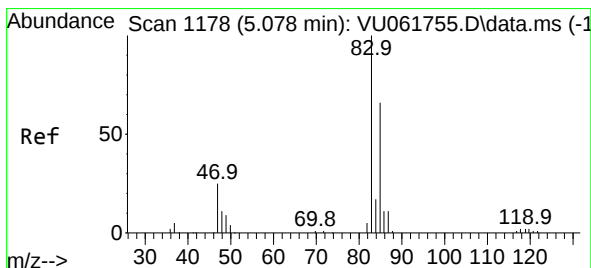
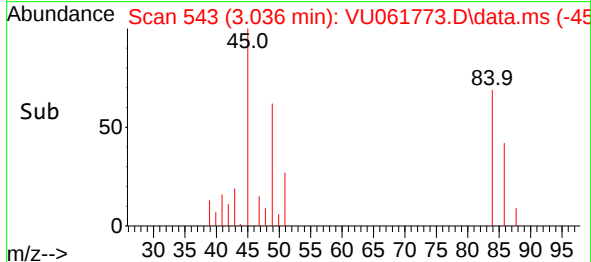
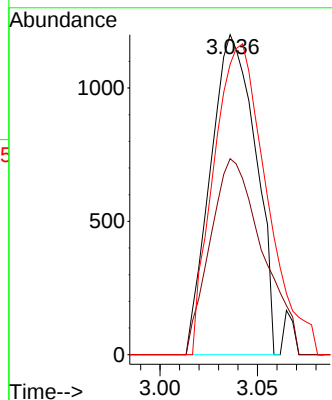
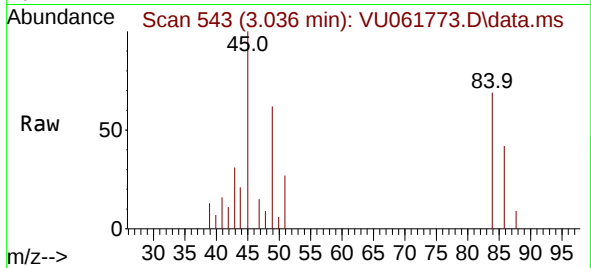




#16
Methylene chloride
Concen: 0.167 ug/L
RT: 3.036 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU061773.D
Acq: 17 Nov 2024 03:50

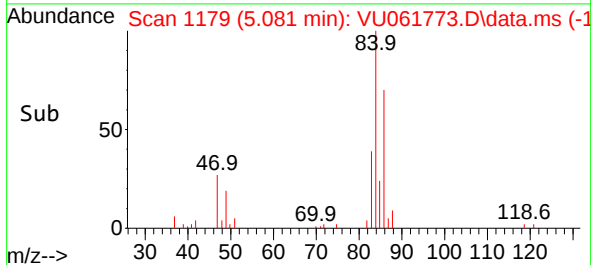
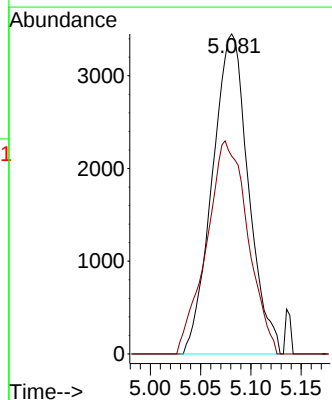
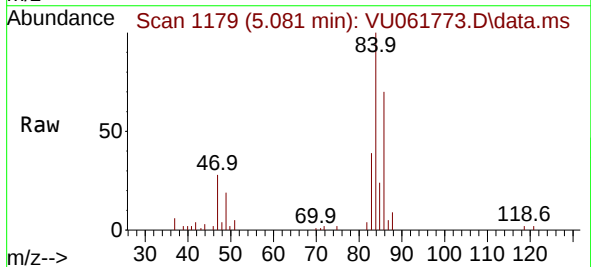
Instrument :
MSVOA_U
ClientSampleId :

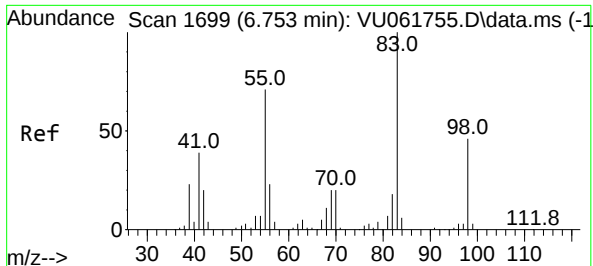
Tgt Ion: 84 Resp: 1933
Ion Ratio Lower Upper
84 100
86 61.3 45.1 83.7
49 90.8 76.3 141.7



#25
Chloroform
Concen: 0.408 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VU061773.D
Acq: 17 Nov 2024 03:50

Tgt Ion: 83 Resp: 8632
Ion Ratio Lower Upper
83 100
85 61.8 44.1 81.9





#35

Methylcyclohexane

Concen: 0.170 ug/L

RT: 6.753 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU061773.D

Acq: 17 Nov 2024 03:50

Instrument :

MSVOA_U

ClientSampleId :

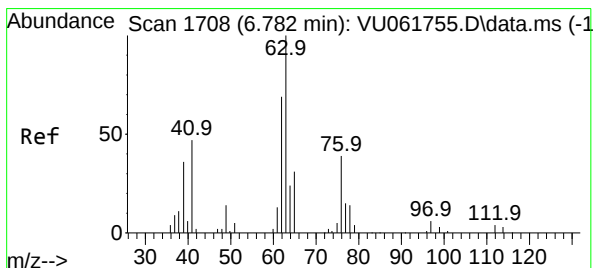
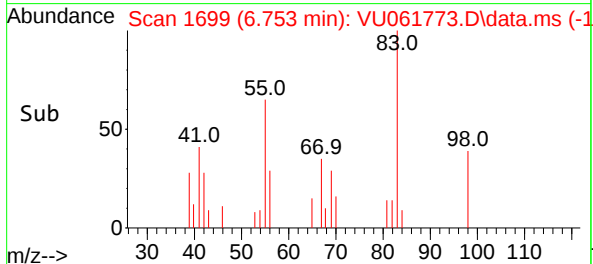
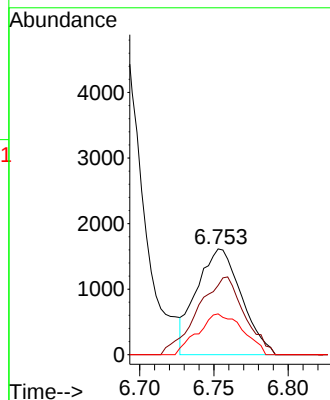
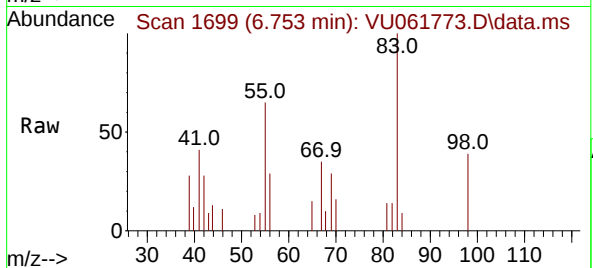
Tgt Ion: 83 Resp: 3379

Ion Ratio Lower Upper

83 100

55 76.6 56.4 84.6

98 38.7 37.7 56.5



#37

1,2-Dichloropropane

Concen: 0.533 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU061773.D

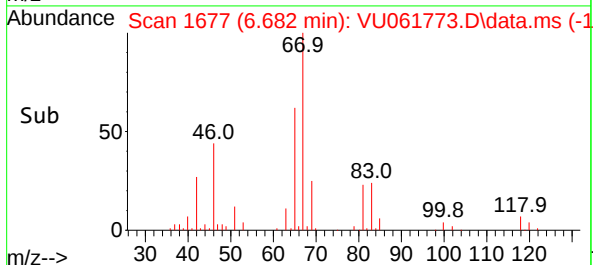
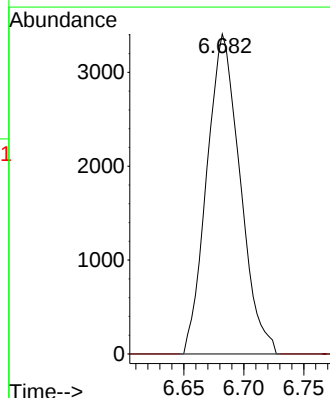
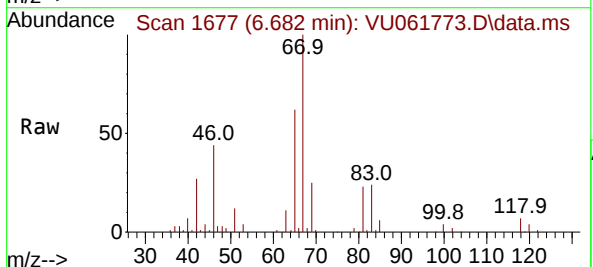
Acq: 17 Nov 2024 03:50

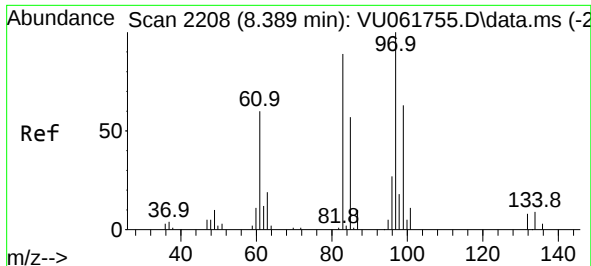
Tgt Ion: 63 Resp: 6582

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#45

1,1,2-Trichloroethane

Concen: 0.164 ug/L

RT: 8.364 min Scan# 21

Delta R.T. -0.026 min

Lab File: VU061773.D

Acq: 17 Nov 2024 03:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 1477

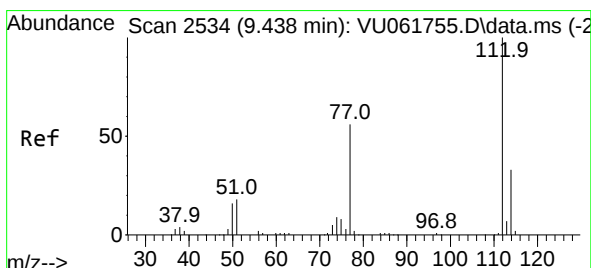
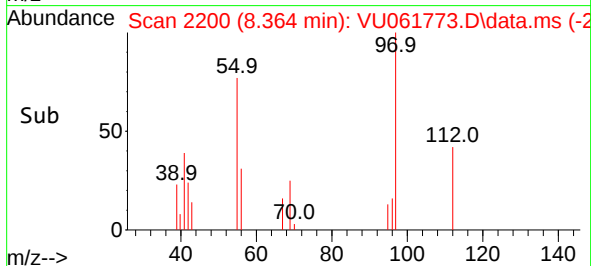
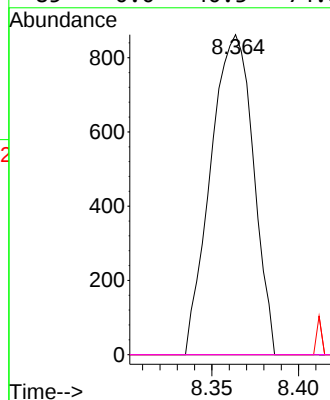
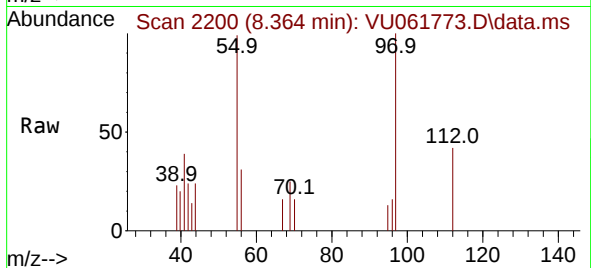
Ion Ratio Lower Upper

97 100

99 0.0 43.8 81.3#

83 0.0 63.2 117.4#

85 0.0 40.3 74.8#



#51

Chlorobenzene

Concen: 9.220 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. -0.000 min

Lab File: VU061773.D

Acq: 17 Nov 2024 03:50

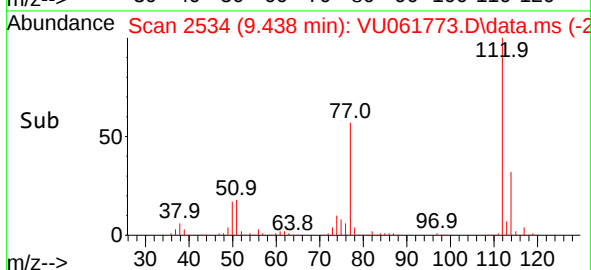
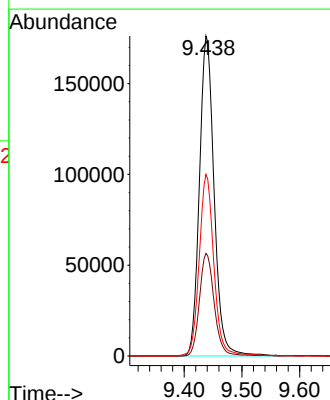
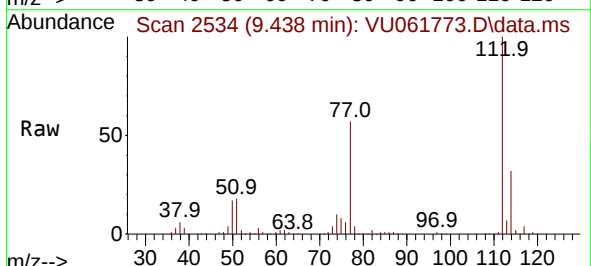
Tgt Ion: 112 Resp: 310997

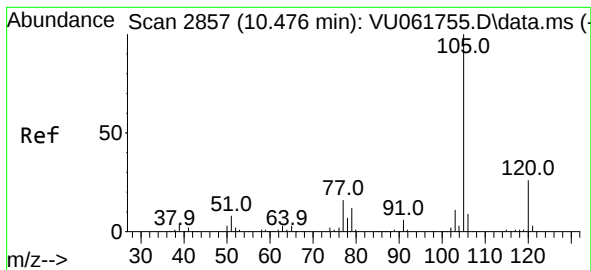
Ion Ratio Lower Upper

112 100

114 32.1 22.5 41.9

77 56.7 45.3 67.9





#60

Isopropylbenzene

Concen: 0.131 ug/L

RT: 10.483 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU061773.D

Acq: 17 Nov 2024 03:50

Instrument :

MSVOA_U

ClientSampleId :

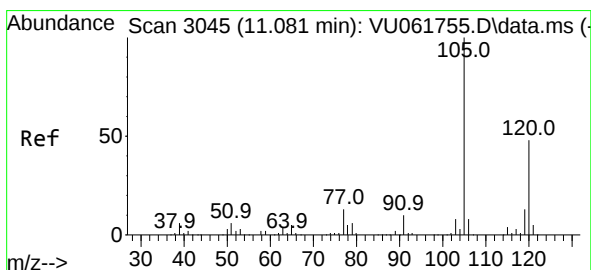
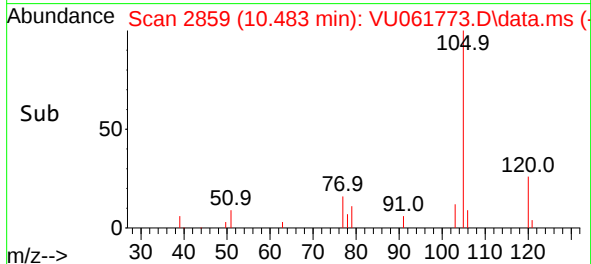
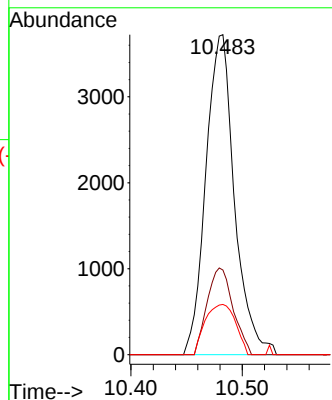
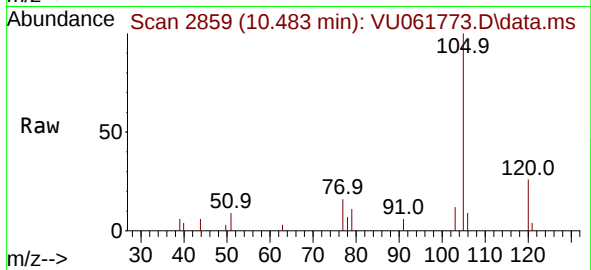
Tgt Ion:105 Resp: 6647

Ion Ratio Lower Upper

105 100

120 24.5 21.6 32.4

77 0.0 12.8 19.2#



#62

1,3,5-Trimethylbenzene

Concen: 0.126 ug/L

RT: 11.286 min Scan# 3109

Delta R.T. 0.206 min

Lab File: VU061773.D

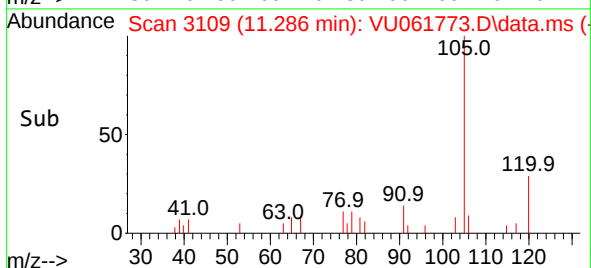
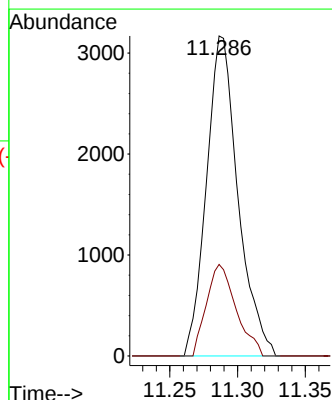
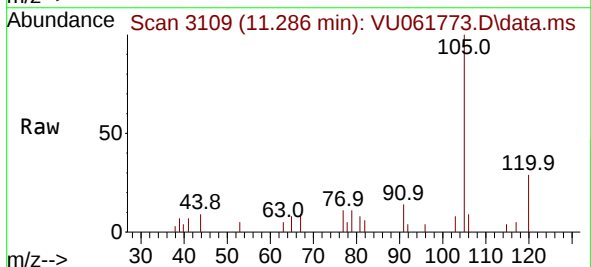
Acq: 17 Nov 2024 03:50

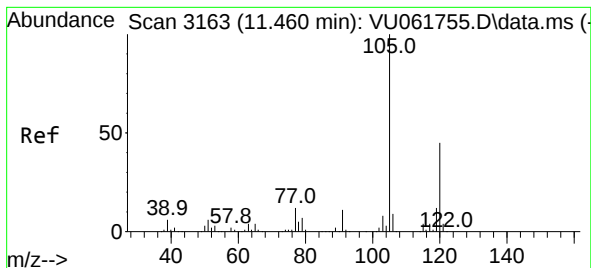
Tgt Ion:105 Resp: 5129

Ion Ratio Lower Upper

105 100

120 26.8 38.5 57.7#





#63

1,2,4-Trimethylbenzene

Concen: 0.052 ug/L

RT: 11.888 min Scan# 3163

Delta R.T. 0.428 min

Lab File: VU061773.D

Acq: 17 Nov 2024 03:50

Instrument :

MSVOA_U

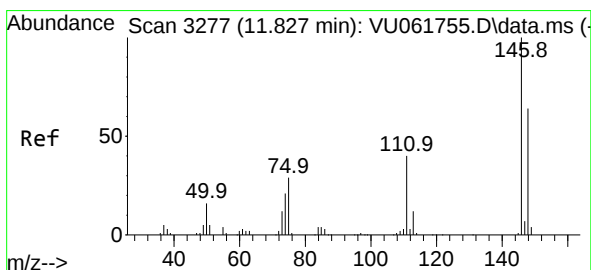
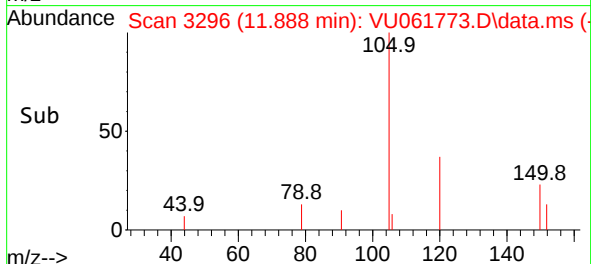
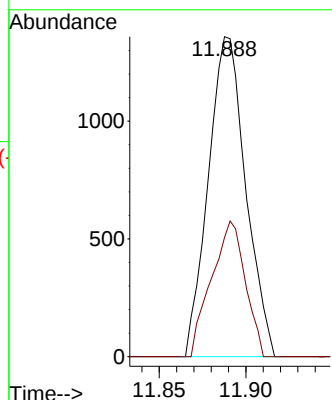
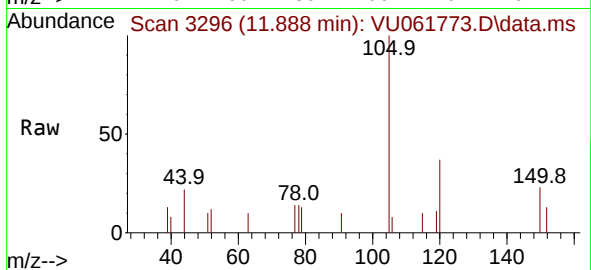
ClientSampleId :

Tgt Ion:105 Resp: 2039

Ion Ratio Lower Upper

105 100

120 38.3 36.3 54.5



#65

1,4-Dichlorobenzene

Concen: 0.773 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU061773.D

Acq: 17 Nov 2024 03:50

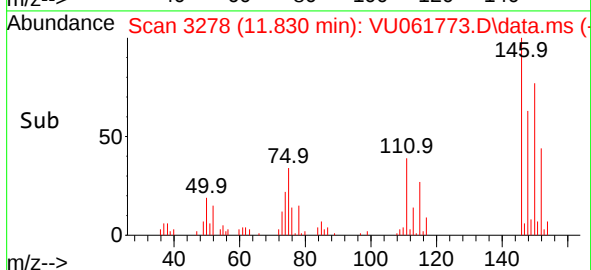
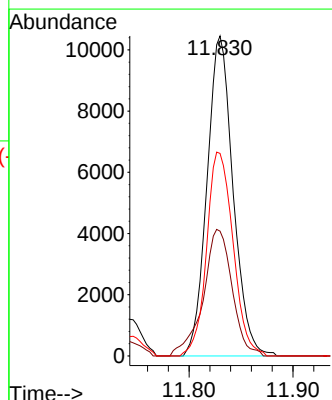
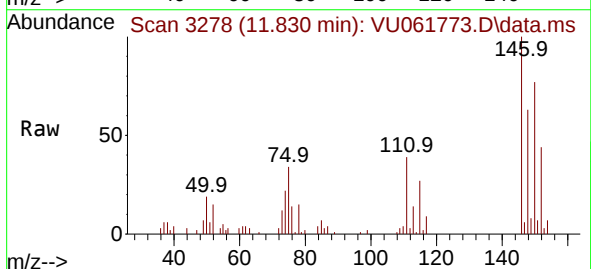
Tgt Ion:146 Resp: 18227

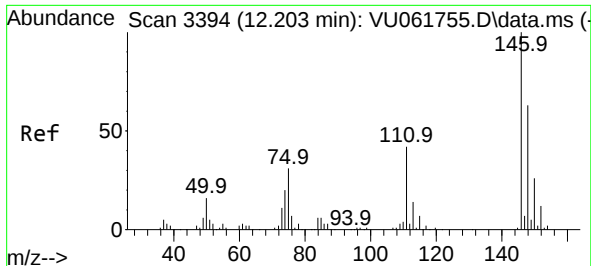
Ion Ratio Lower Upper

146 100

111 39.0 28.8 53.4

148 63.3 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 0.129 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU061773.D

Acq: 17 Nov 2024 03:50

Instrument :

MSVOA_U

ClientSampleId :

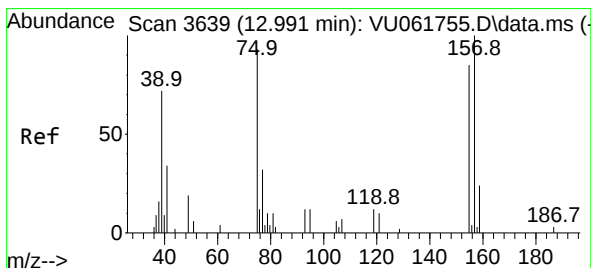
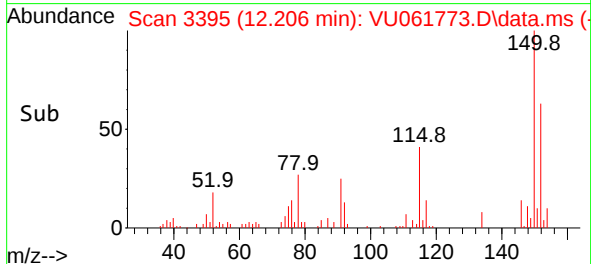
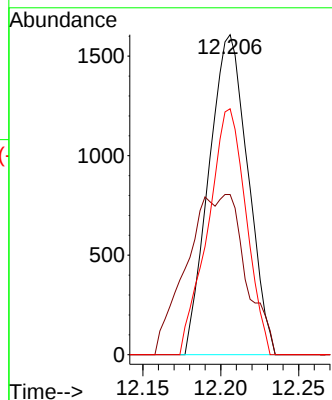
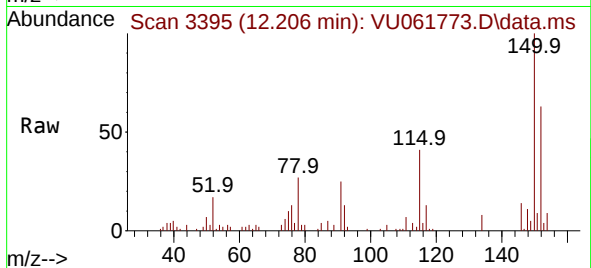
Tgt Ion:146 Resp: 2795

Ion Ratio Lower Upper

146 100

111 50.1 35.2 52.8

148 76.9 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 0.099 ug/L

RT: 12.962 min Scan# 3630

Delta R.T. -0.029 min

Lab File: VU061773.D

Acq: 17 Nov 2024 03:50

Tgt Ion: 75 Resp: 119

Ion Ratio Lower Upper

75 100

155 0.0 62.6 93.8#

157 0.0 84.9 127.3#

