

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120724\
 Data File : VV038443.D
 Acq On : 06 Dec 2024 17:47
 Operator : SY/MD
 Sample : P5111-12
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 06 22:31:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 06 21:32:44 2024
 Response via : Initial Calibration

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

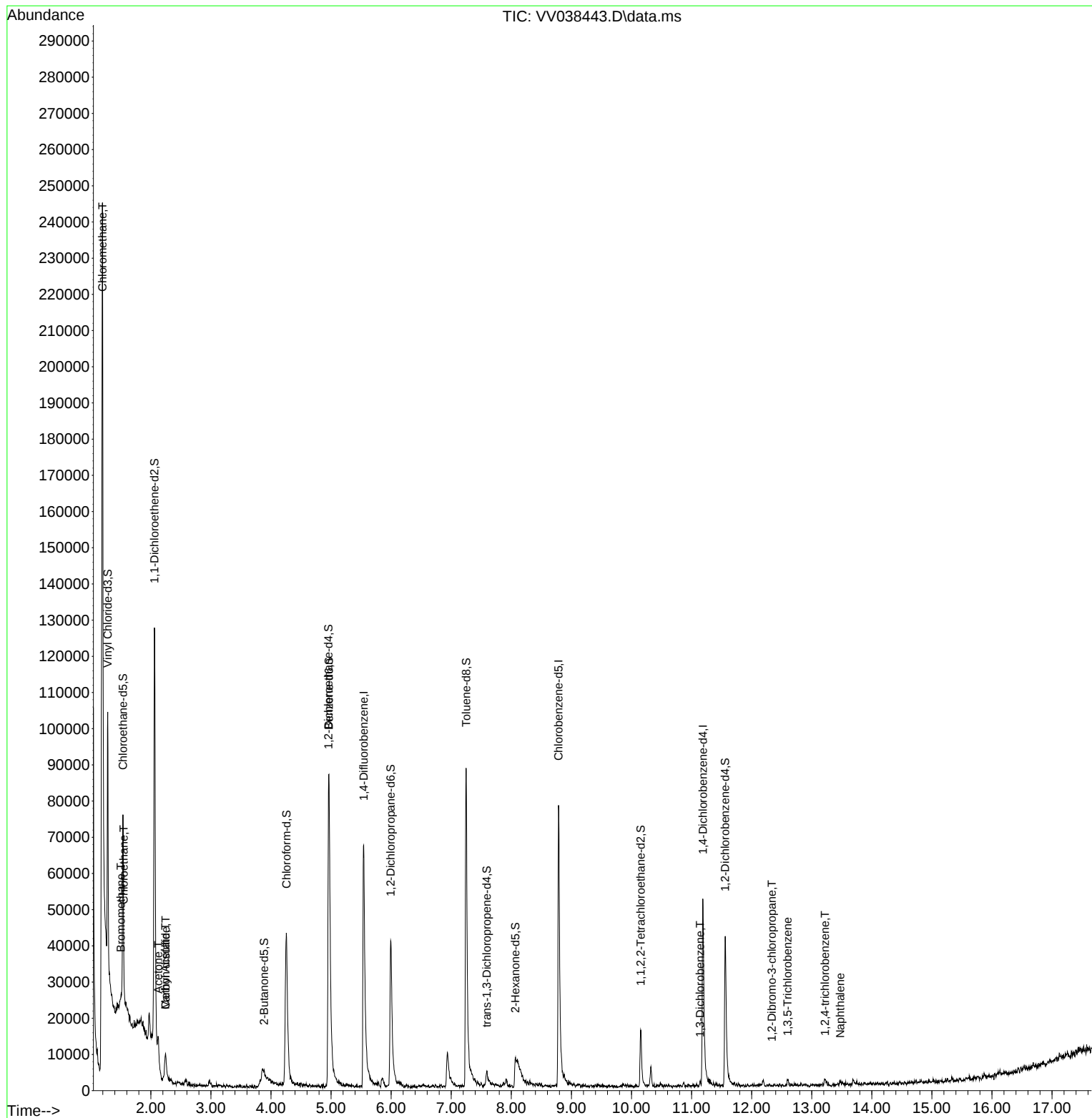
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	67666	5.000	ug/L	0.01
28) Chlorobenzene-d5	8.786	117	50383	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	17238	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	45378	8.749	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	175.000%#	
7) Chloroethane-d5	1.536	69	32487	7.744	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	154.800%#	
11) 1,1-Dichloroethene-d2	2.060	65	19364	8.676	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	173.600%#	
20) 2-Butanone-d5	3.886	46	3944	3.801	ug/L	0.06
Spiked Amount	50.000	Range 40 - 130	Recovery	=	7.600%#	
24) Chloroform-d	4.256	84	49676	4.935	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.800%	
26) 1,2-Dichloroethane-d4	4.957	65	13028	2.885	ug/L	0.02
Spiked Amount	5.000	Range 70 - 130	Recovery	=	57.600%#	
32) Benzene-d6	4.963	84	90857	6.977	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	139.600%#	
36) 1,2-Dichloropropane-d6	5.992	67	24195	6.038	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	120.800%	
41) Toluene-d8	7.249	98	72690	6.033	ug/L	0.02
Spiked Amount	5.000	Range 70 - 130	Recovery	=	120.600%	
43) trans-1,3-Dichloroprop...	7.590	79	3607	2.421	ug/L	0.04
Spiked Amount	5.000	Range 55 - 130	Recovery	=	48.400%#	
46) 2-Hexanone-d5	8.069	63	3284	5.671	ug/L	0.04
Spiked Amount	50.000	Range 45 - 130	Recovery	=	11.340%#	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	9783	2.876	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	57.600%#	
66) 1,2-Dichlorobenzene-d4	11.561	152	13181	4.488	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.195	50	7257	1.316	ug/L #	41
6) Bromomethane	1.500	94	682	0.280	ug/L	81
8) Chloroethane	1.548	64	1026	0.258	ug/L #	52
13) Acetone	2.124	43	7345	9.572	ug/L	95
14) Carbon disulfide	2.246	76	2509	0.161	ug/L #	89
15) Methyl Acetate	2.243	43	1754	0.941	ug/L #	51
64) 1,3-Dichlorobenzene	11.140	146	507	0.095	ug/L #	82
68) 1,2-Dibromo-3-chloropr...	12.336	75	114	0.344	ug/L #	2
69) 1,3,5-Trichlorobenzene	12.599	180	886	0.235	ug/L #	72
70) 1,2,4-trichlorobenzene	13.223	180	662	0.212	ug/L #	66
71) Naphthalene	13.474	128	1249	0.257	ug/L #	75

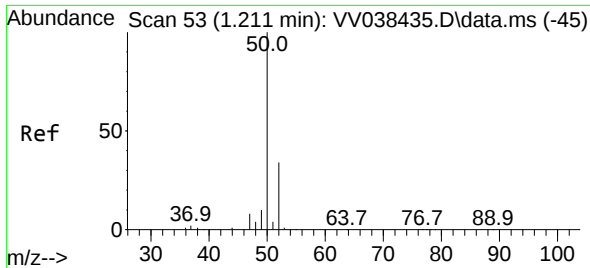
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120724\
Data File : VV038443.D
Acq On : 06 Dec 2024 17:47
Operator : SY/MD
Sample : P5111-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Dec 06 22:31:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 06 21:32:44 2024
Response via : Initial Calibration

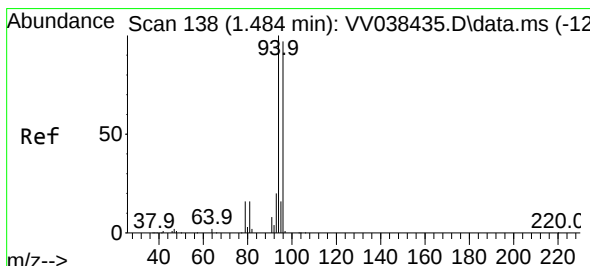
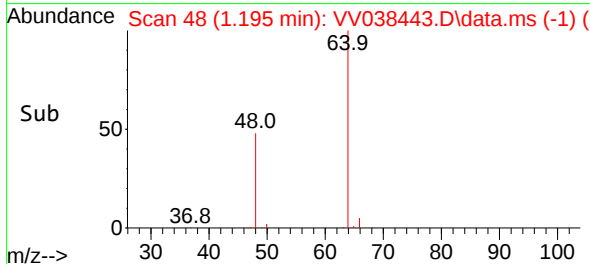
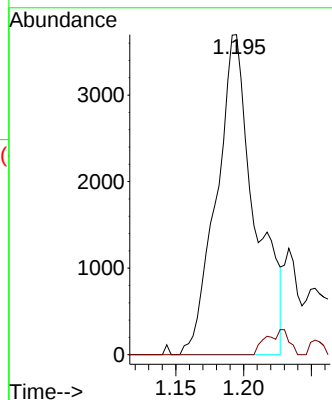
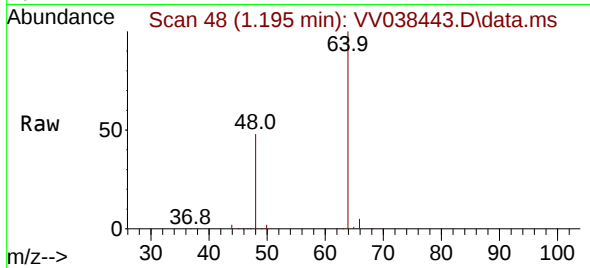




#3
Chloromethane
Concen: 1.316 ug/L
RT: 1.195 min Scan# 41
Delta R.T. -0.016 min
Lab File: VV038443.D
Acq: 06 Dec 2024 17:47

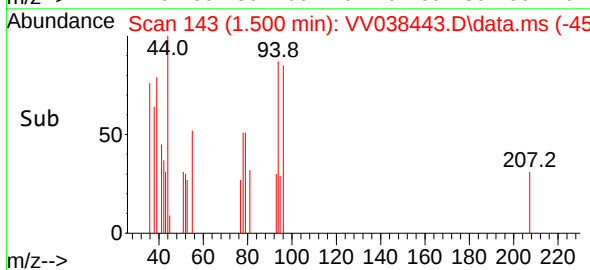
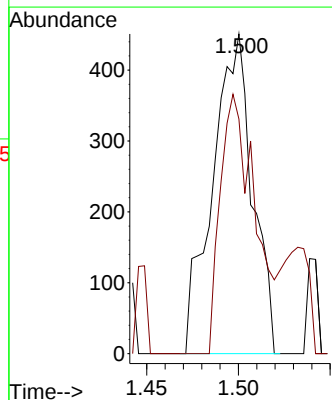
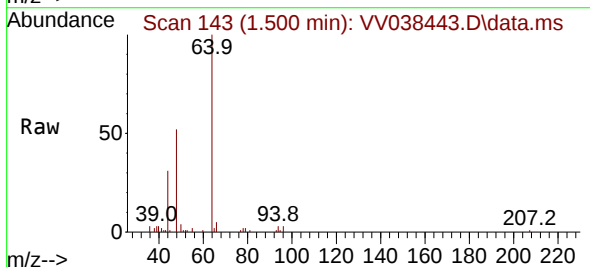
Instrument :
MSVOA_V
ClientSampleId :

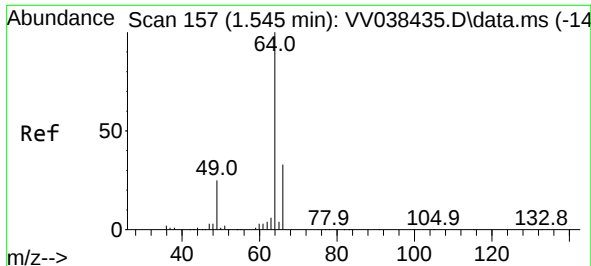
Tgt Ion: 50 Resp: 7257
Ion Ratio Lower Upper
50 100
52 0.0 23.5 43.7#



#6
Bromomethane
Concen: 0.280 ug/L
RT: 1.500 min Scan# 143
Delta R.T. 0.016 min
Lab File: VV038443.D
Acq: 06 Dec 2024 17:47

Tgt Ion: 94 Resp: 682
Ion Ratio Lower Upper
94 100
96 73.4 63.7 118.3

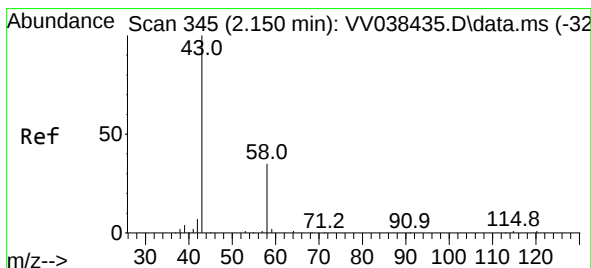
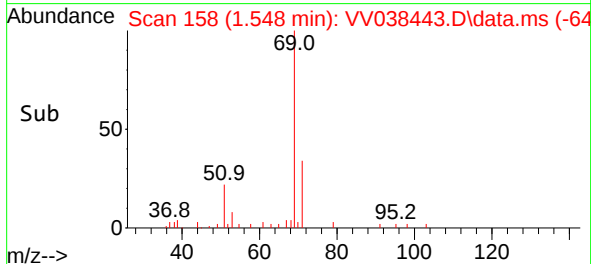
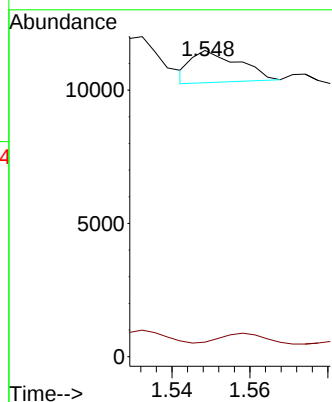
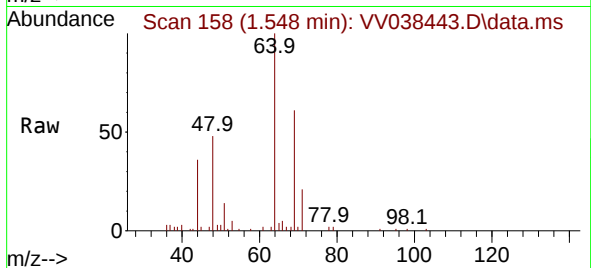




#8
Chloroethane
Concen: 0.258 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV038443.D
Acq: 06 Dec 2024 17:47

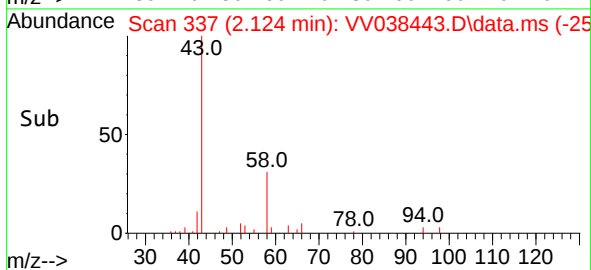
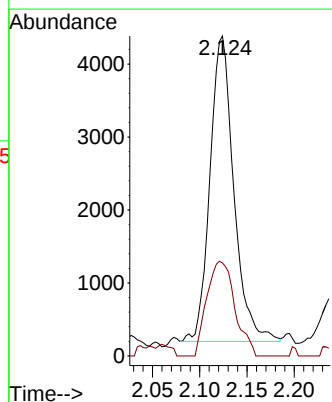
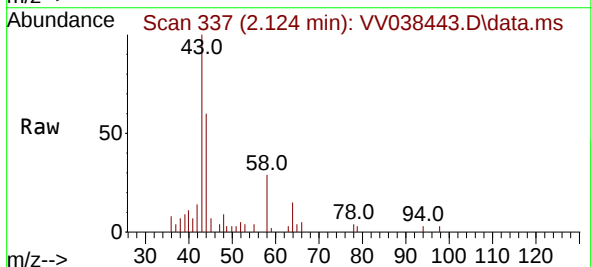
Instrument :
MSVOA_V
ClientSampleId :

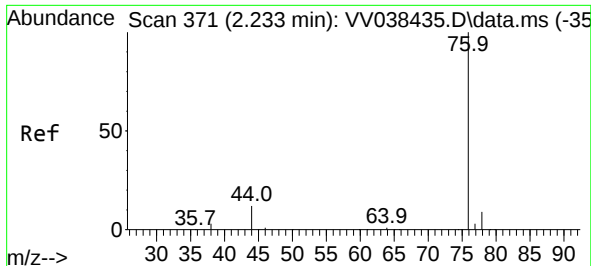
Tgt Ion: 64 Resp: 1026
Ion Ratio Lower Upper
64 100
66 4.7 22.0 40.8#



#13
Acetone
Concen: 9.572 ug/L
RT: 2.124 min Scan# 337
Delta R.T. -0.026 min
Lab File: VV038443.D
Acq: 06 Dec 2024 17:47

Tgt Ion: 43 Resp: 7345
Ion Ratio Lower Upper
43 100
58 36.3 0.0 67.2





#14

Carbon disulfide

Concen: 0.161 ug/L

RT: 2.246 min Scan# 31

Delta R.T. 0.013 min

Lab File: VV038443.D

Acq: 06 Dec 2024 17:47

Instrument :

MSVOA_V

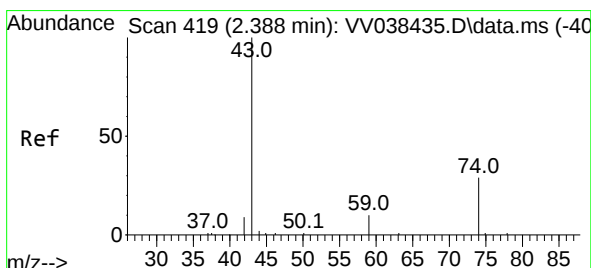
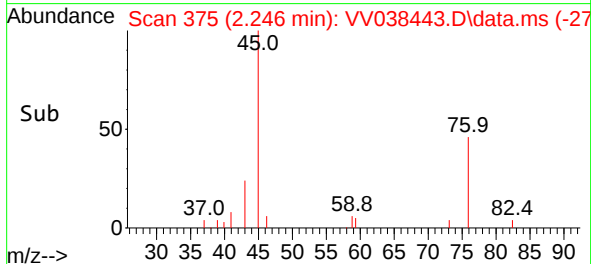
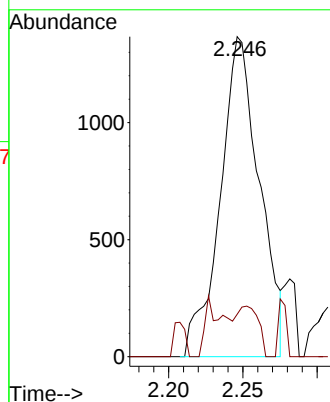
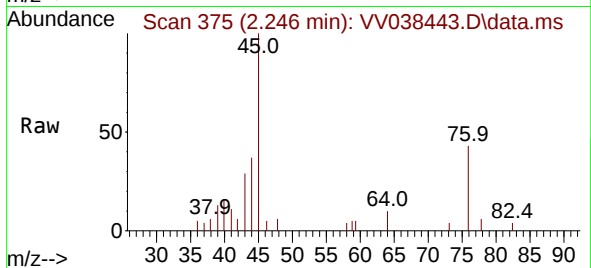
ClientSampleId :

Tgt Ion: 76 Resp: 2509

Ion Ratio Lower Upper

76 100

78 13.2 7.4 11.0#



#15

Methyl Acetate

Concen: 0.941 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.145 min

Lab File: VV038443.D

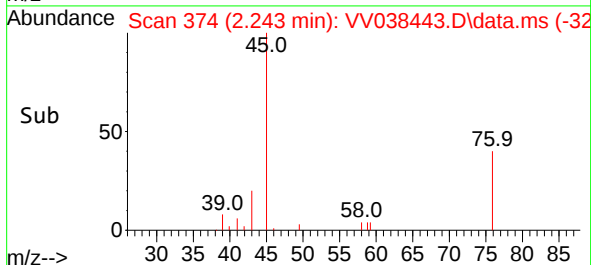
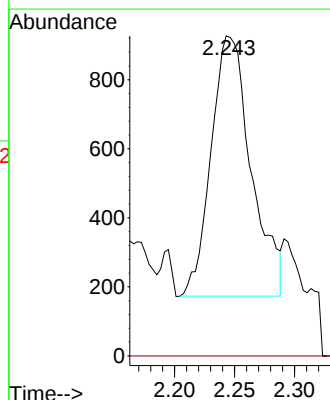
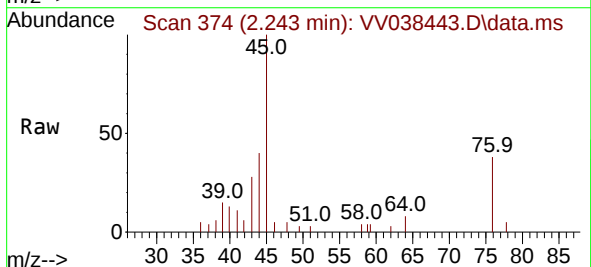
Acq: 06 Dec 2024 17:47

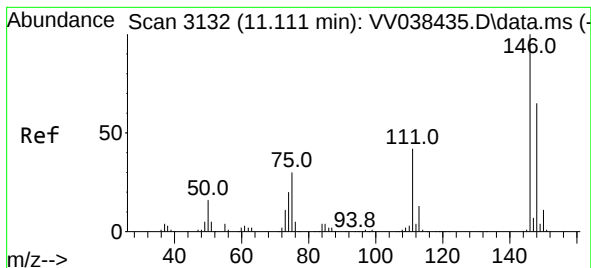
Tgt Ion: 43 Resp: 1754

Ion Ratio Lower Upper

43 100

74 2.3 22.4 33.6#





#64

1,3-Dichlorobenzene

Concen: 0.095 ug/L

RT: 11.140 min Scan# 3132

Delta R.T. 0.029 min

Lab File: VV038443.D

Acq: 06 Dec 2024 17:47

Instrument :

MSVOA_V

ClientSampleId :

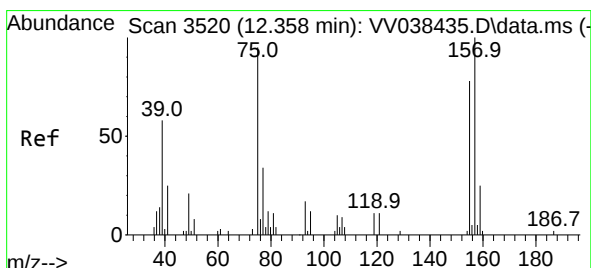
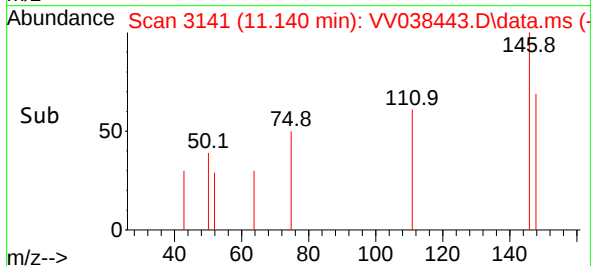
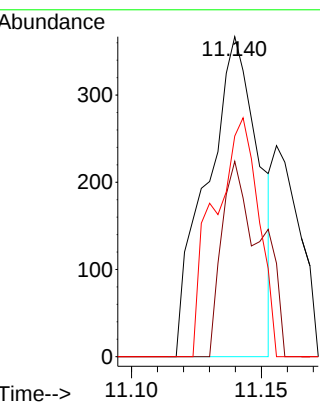
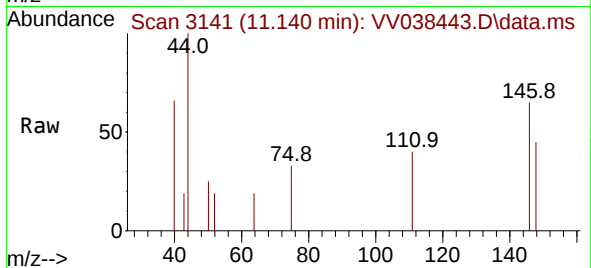
Tgt Ion:146 Resp: 507

Ion Ratio Lower Upper

146 100

111 61.0 28.2 52.4#

148 68.9 44.2 82.2



#68

1,2-Dibromo-3-chloropropane

Concen: 0.344 ug/L

RT: 12.336 min Scan# 3513

Delta R.T. -0.023 min

Lab File: VV038443.D

Acq: 06 Dec 2024 17:47

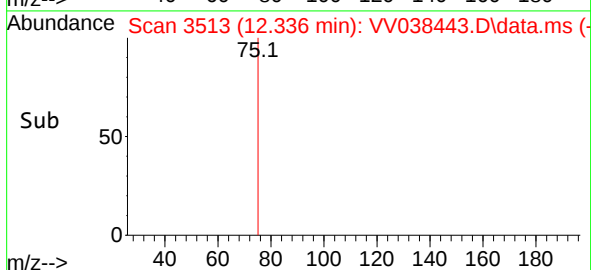
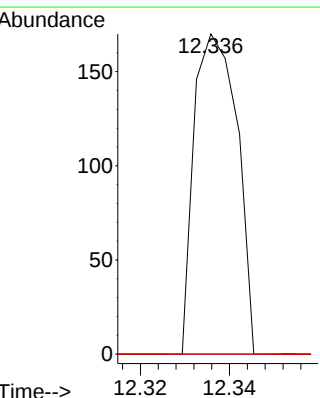
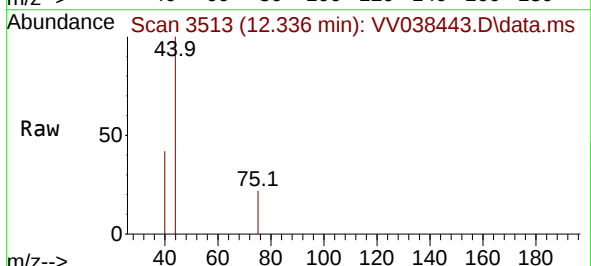
Tgt Ion: 75 Resp: 114

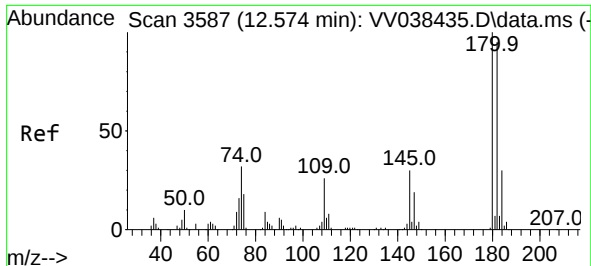
Ion Ratio Lower Upper

75 100

155 0.0 67.5 101.3#

157 0.0 82.7 124.1#





#69

1,3,5-Trichlorobenzene

Concen: 0.235 ug/L

RT: 12.599 min Scan# 3595

Delta R.T. 0.026 min

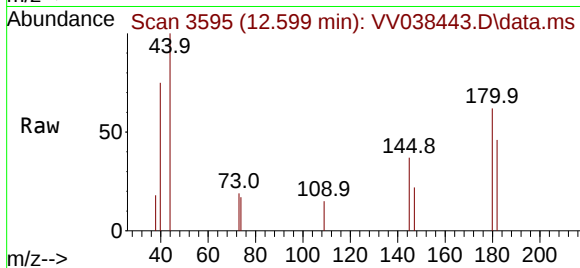
Lab File: VV038443.D

Acq: 06 Dec 2024 17:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 886

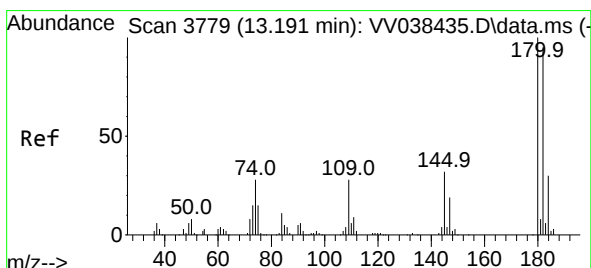
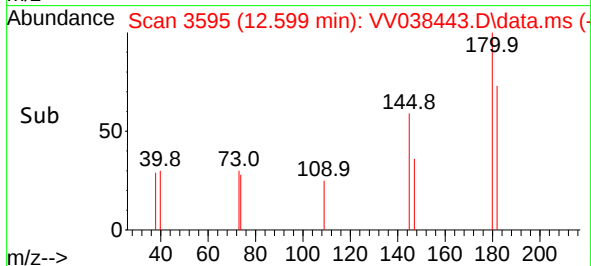
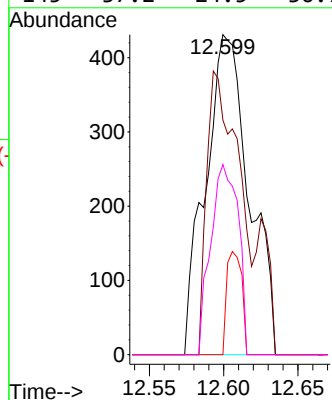
Ion Ratio Lower Upper

180 100

182 64.1 76.0 114.0#

184 10.9 23.7 35.5#

145 37.2 24.5 36.7#



#70

1,2,4-trichlorobenzene

Concen: 0.212 ug/L

RT: 13.223 min Scan# 3789

Delta R.T. 0.032 min

Lab File: VV038443.D

Acq: 06 Dec 2024 17:47

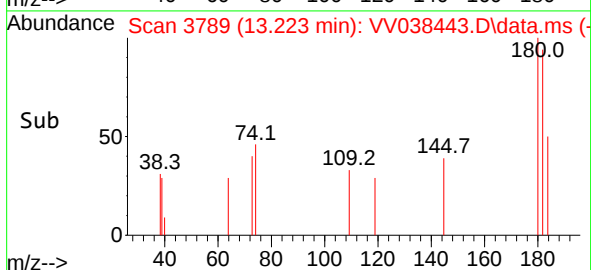
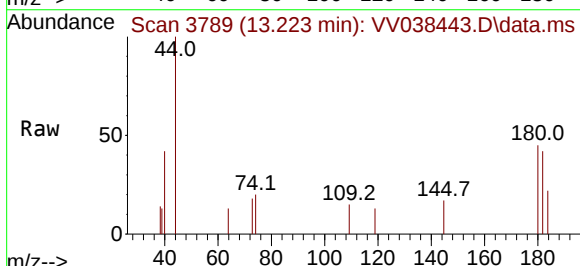
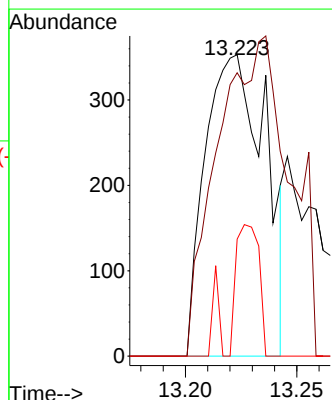
Tgt Ion:180 Resp: 662

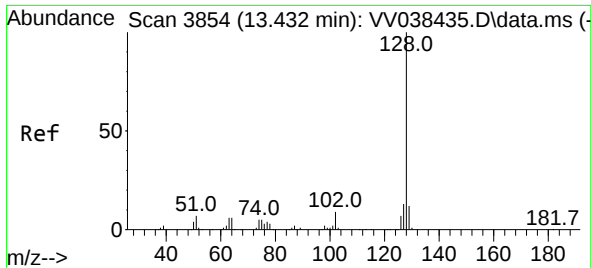
Ion Ratio Lower Upper

180 100

182 127.2 73.8 110.8#

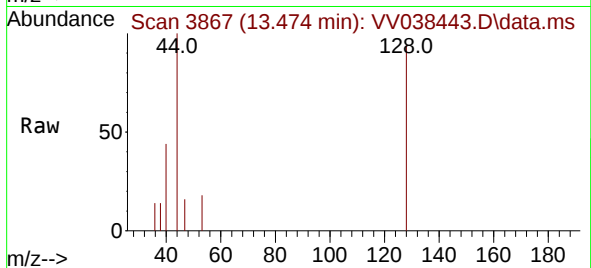
145 16.6 24.6 37.0#





#71
Naphthalene
Concen: 0.257 ug/L
RT: 13.474 min Scan# 3867
Delta R.T. 0.042 min
Lab File: VV038443.D
Acq: 06 Dec 2024 17:47

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 1249
Ion Ratio Lower Upper
128 100
129 0.0 8.5 12.7#
127 3.9 10.1 15.1#

