

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062122\
 Data File : VV026478.D
 Acq On : 21 Jun 2022 10:59
 Operator : SY/MD
 Sample : VV0621WBL01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 04:40:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 22 04:36:16 2022
 Response via : Initial Calibration

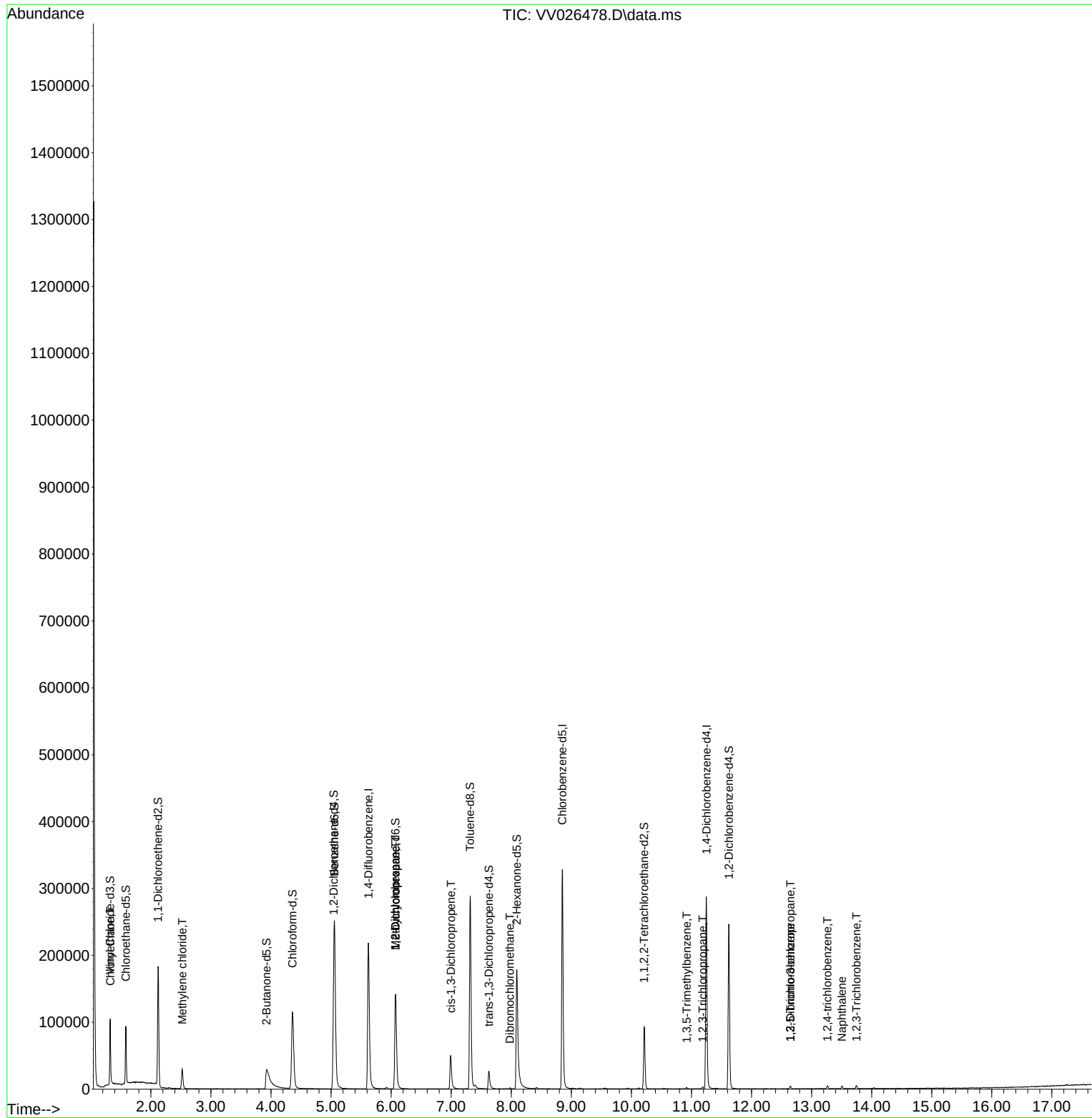
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	197528	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	188430	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	77359	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	64104	3.736	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.584	69	55262	4.097	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.000%
11) 1,1-Dichloroethene-d2	2.121	63	94953	3.223	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.400%
20) 2-Butanone-d5	3.928	46	73084	43.656	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.320%
24) Chloroform-d	4.359	84	125947	5.009	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.043	65	50567	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.056	84	243582	4.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.072	67	74124	5.042	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.317	98	200439	4.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	7.629	79	18276	3.833	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.600%
46) 2-Hexanone-d5	8.092	63	67240	46.689	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.380%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	47348	5.228	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	64699	5.430	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						
					Qvalue	
8) Chloroethane	1.327	64	2489	0.235	ug/L	88
16) Methylene chloride	2.523	84	13194	0.829	ug/L	95
35) Methylcyclohexane	6.072	83	17306	0.949	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	8020	0.635	ug/L #	88
39) cis-1,3-Dichloropropene	6.995	75	1368	0.095	ug/L #	79
49) Dibromochloromethane	7.979	129	379	0.041	ug/L #	9
61) 1,2,3-Trichloropropane	11.188	75	390	0.078	ug/L #	59
62) 1,3,5-Trimethylbenzene	10.921	105	1290	0.039	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.648	75	221	0.249	ug/L #	3
69) 1,3,5-Trichlorobenzene	12.648	180	1753	0.120	ug/L #	90
70) 1,2,4-trichlorobenzene	13.262	180	1257	0.116	ug/L #	77
71) Naphthalene	13.506	128	3857	0.257	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.747	180	1719	0.190	ug/L	94

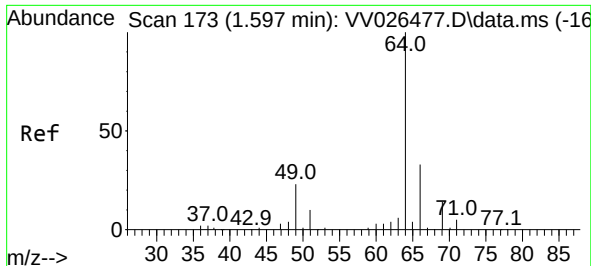
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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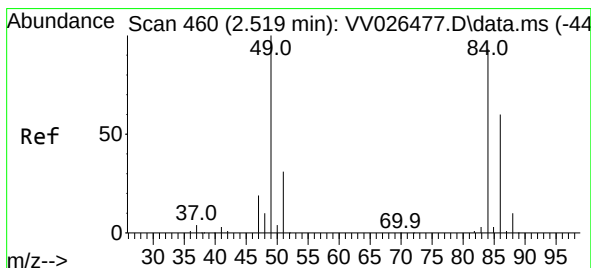
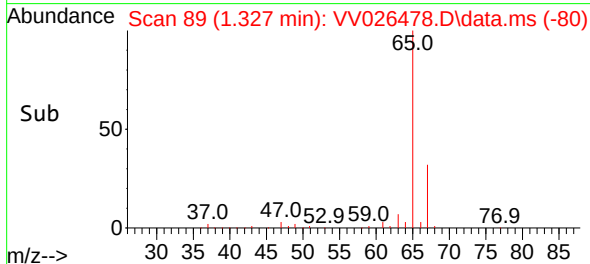
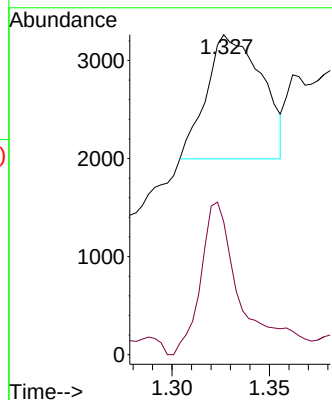
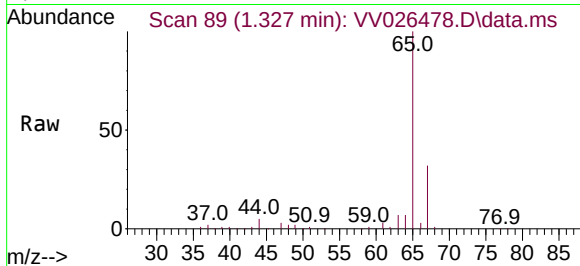




#8
Chloroethane
Concen: 0.235 ug/L
RT: 1.327 min Scan# 89
Delta R.T. -0.270 min
Lab File: VV026478.D
Acq: 21 Jun 2022 10:59

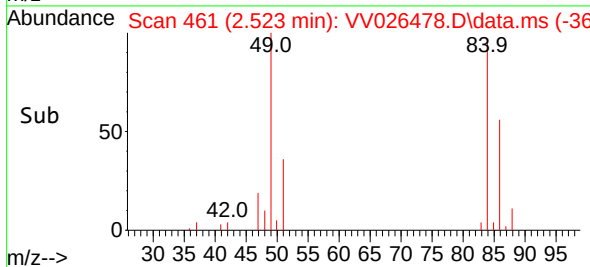
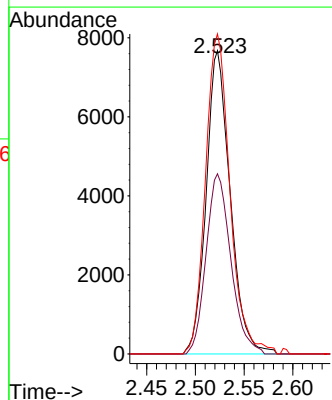
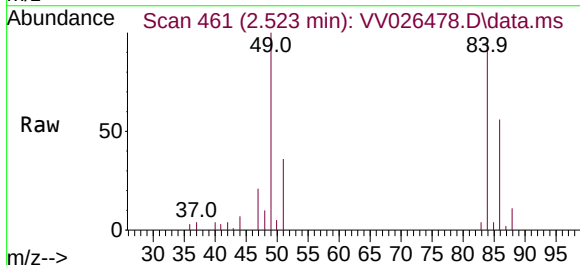
Instrument :
MSVOA_V
ClientSampleId :

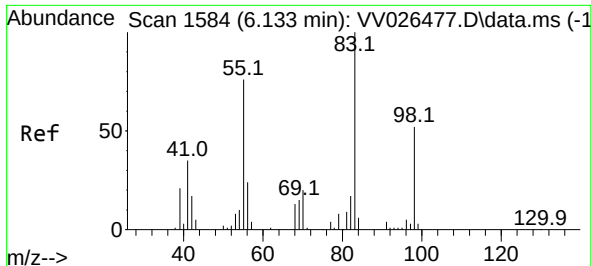
Tgt Ion: 64 Resp: 2489
Ion Ratio Lower Upper
64 100
66 41.5 24.1 44.7



#16
Methylene chloride
Concen: 0.829 ug/L
RT: 2.523 min Scan# 461
Delta R.T. 0.003 min
Lab File: VV026478.D
Acq: 21 Jun 2022 10:59

Tgt Ion: 84 Resp: 13194
Ion Ratio Lower Upper
84 100
86 59.4 44.0 81.8
49 105.5 77.3 143.7





#35

Methylcyclohexane

Concen: 0.949 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV026478.D

Acq: 21 Jun 2022 10:59

Instrument :

MSVOA_V

ClientSampleId :

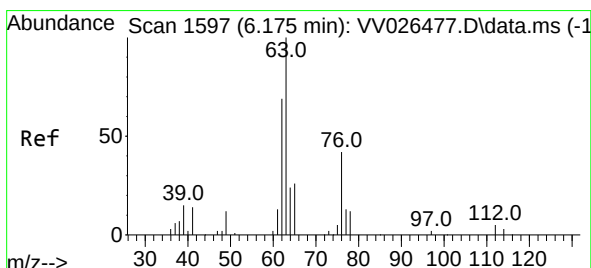
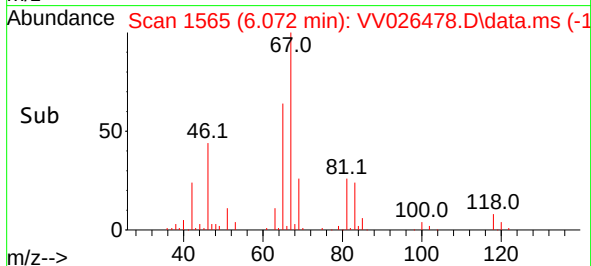
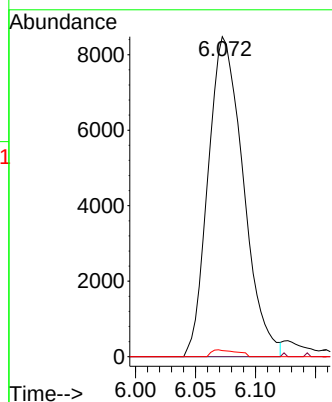
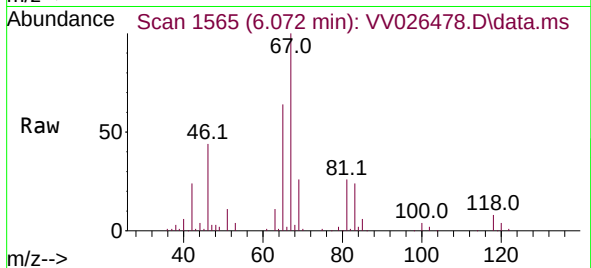
Tgt Ion: 83 Resp: 17306

Ion Ratio Lower Upper

83 100

55 0.1 59.3 88.9#

98 1.6 39.9 59.9#



#37

1,2-Dichloropropane

Concen: 0.635 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.103 min

Lab File: VV026478.D

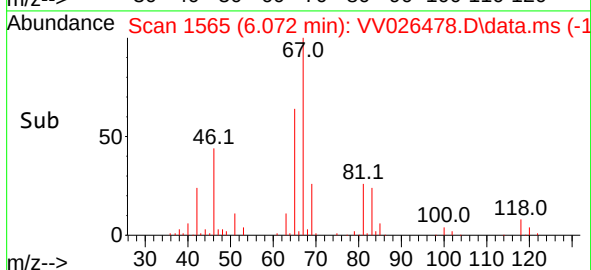
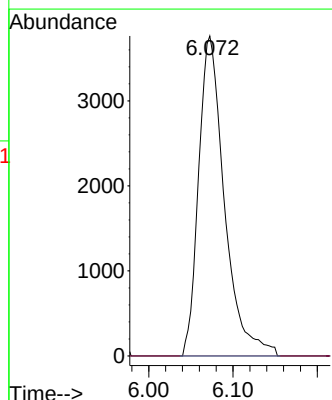
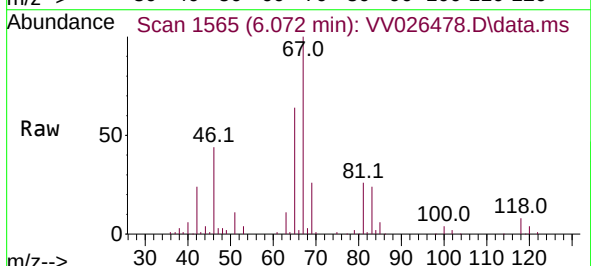
Acq: 21 Jun 2022 10:59

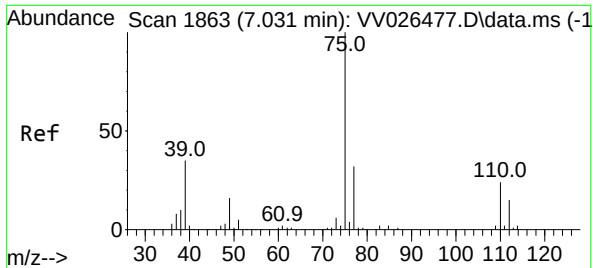
Tgt Ion: 63 Resp: 8020

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV026478.D

Acq: 21 Jun 2022 10:59

Instrument :

MSVOA_V

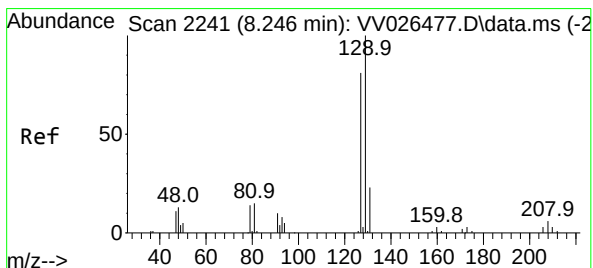
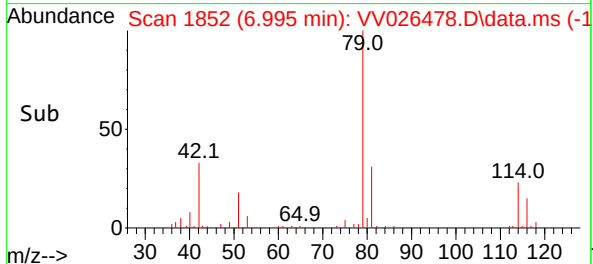
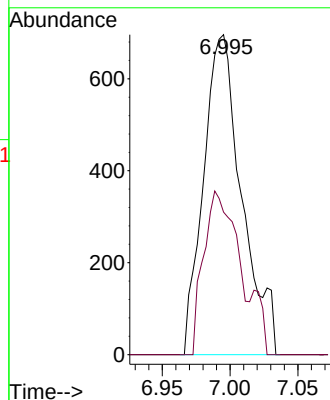
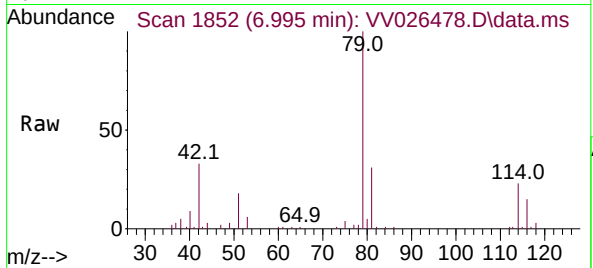
ClientSampleId :

Tgt Ion: 75 Resp: 1368

Ion Ratio Lower Upper

75 100

77 44.5 23.0 42.6#



#49

Dibromochloromethane

Concen: 0.041 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026478.D

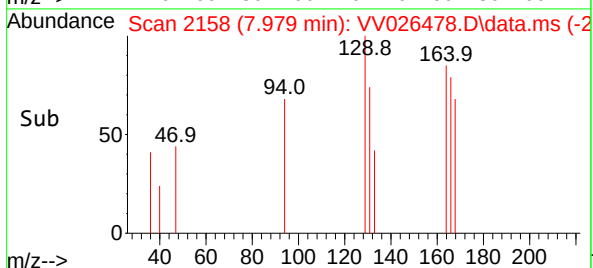
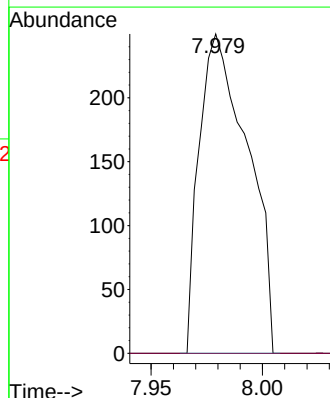
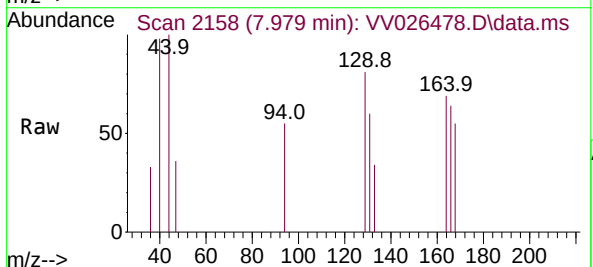
Acq: 21 Jun 2022 10:59

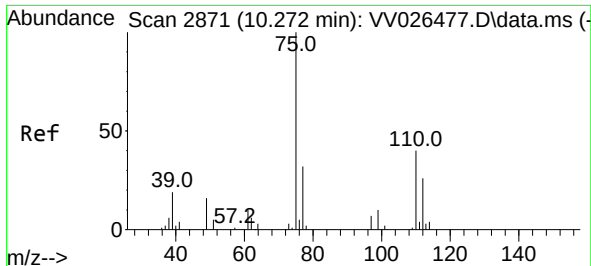
Tgt Ion: 129 Resp: 379

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#





#61

1,2,3-Trichloropropane

Concen: 0.078 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.916 min

Lab File: VV026478.D

Acq: 21 Jun 2022 10:59

Instrument :

MSVOA_V

ClientSampleId :

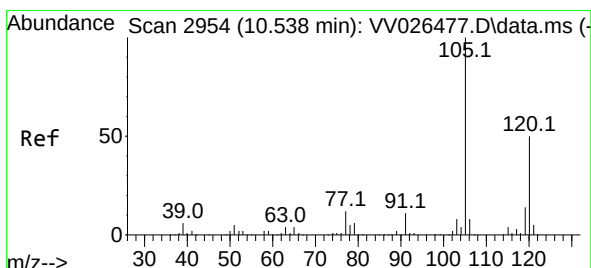
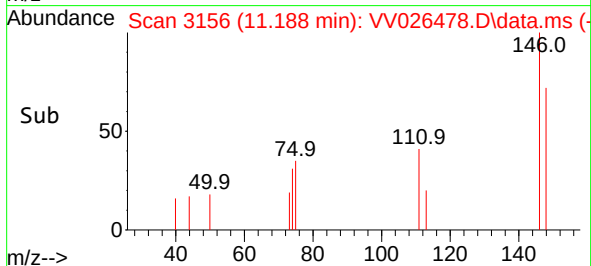
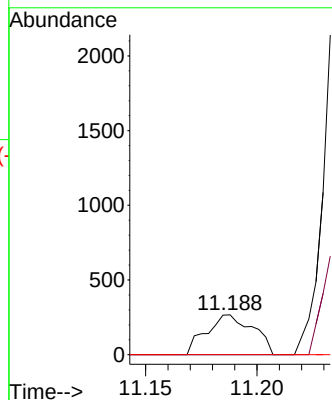
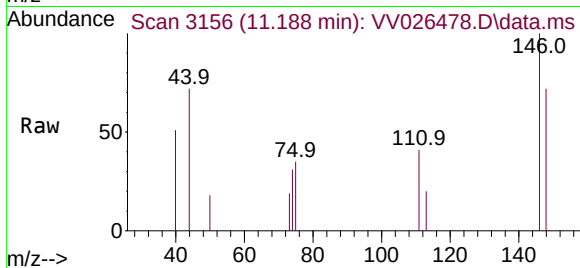
Tgt Ion: 75 Resp: 390

Ion Ratio Lower Upper

75 100

77 42.6 26.9 40.3#

110 0.0 30.7 46.1#



#62

1,3,5-Trimethylbenzene

Concen: 0.039 ug/L

RT: 10.921 min Scan# 3073

Delta R.T. 0.383 min

Lab File: VV026478.D

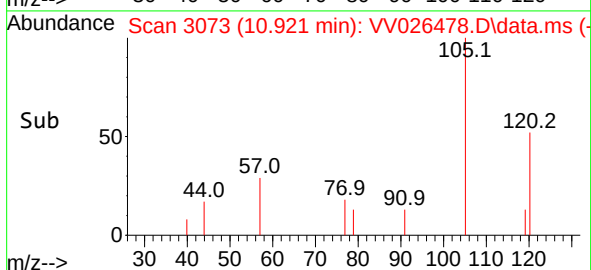
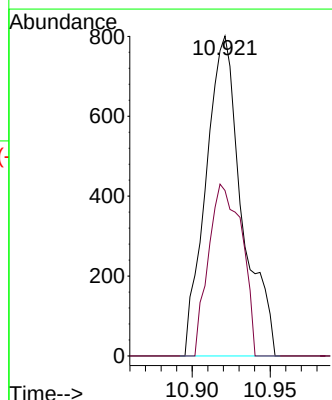
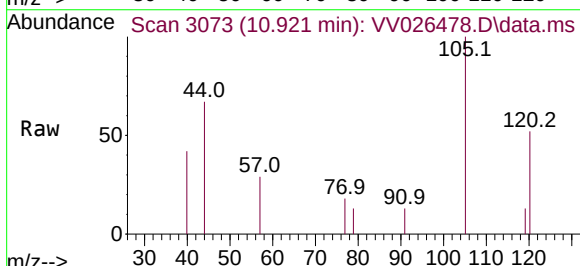
Acq: 21 Jun 2022 10:59

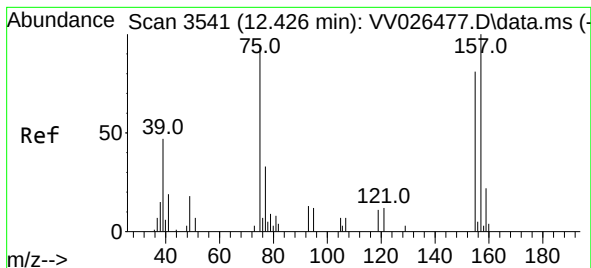
Tgt Ion: 105 Resp: 1290

Ion Ratio Lower Upper

105 100

120 49.5 39.9 59.9

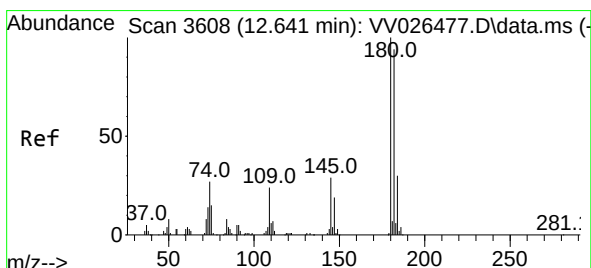
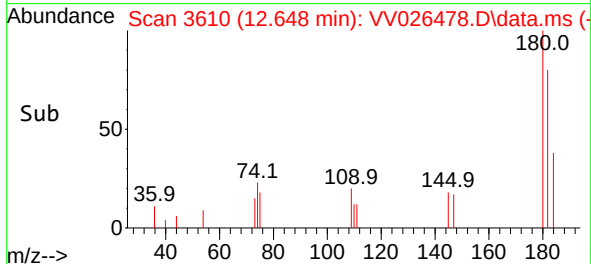
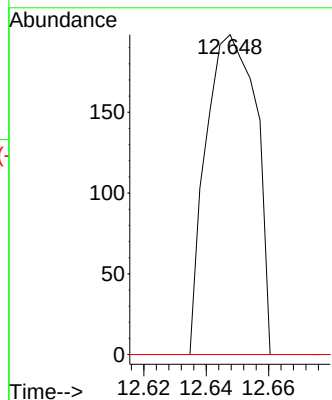
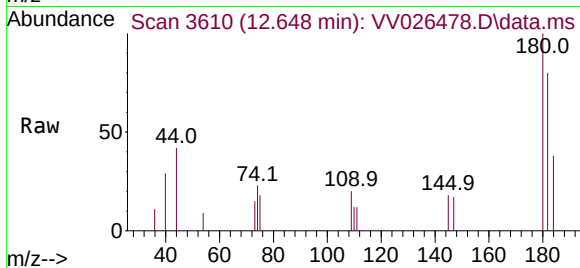




#68
1,2-Dibromo-3-chloropropane
Concen: 0.249 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.222 min
Lab File: VV026478.D
Acq: 21 Jun 2022 10:59

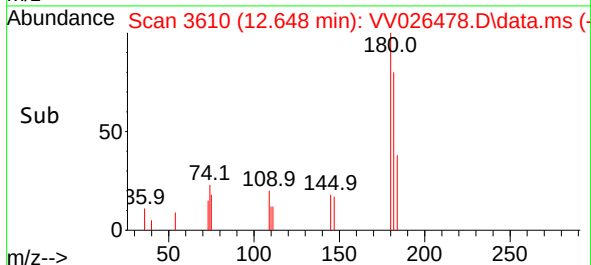
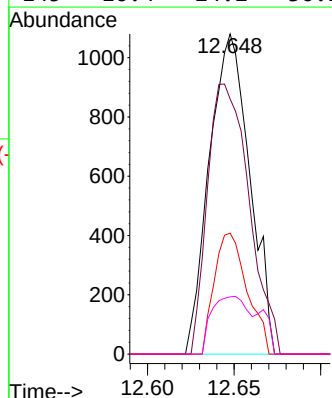
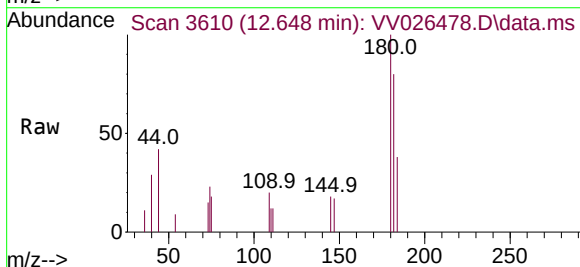
Instrument :
MSVOA_V
ClientSampleId :

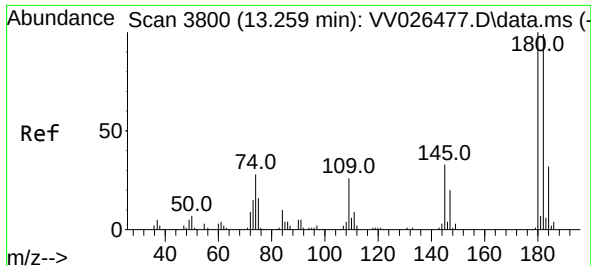
Tgt Ion: 75 Resp: 221
Ion Ratio Lower Upper
75 100
155 0.0 63.7 95.5#
157 0.0 85.0 127.6#



#69
1,3,5-Trichlorobenzene
Concen: 0.120 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.006 min
Lab File: VV026478.D
Acq: 21 Jun 2022 10:59

Tgt Ion: 180 Resp: 1753
Ion Ratio Lower Upper
180 100
182 86.9 75.5 113.3
184 30.7 23.7 35.5
145 16.4 24.2 36.2#





#70

1,2,4-trichlorobenzene

Concen: 0.116 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV026478.D

Acq: 21 Jun 2022 10:59

Instrument :

MSVOA_V

ClientSampleId :

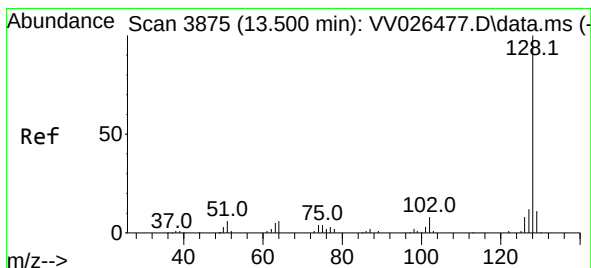
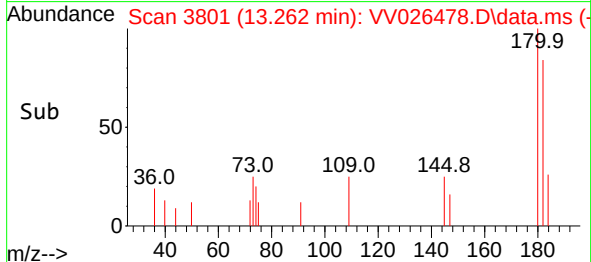
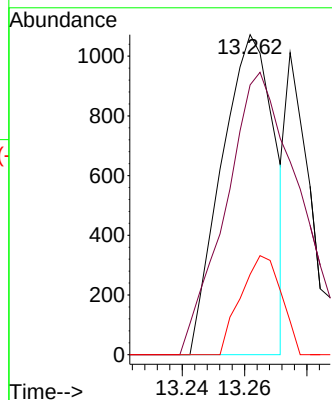
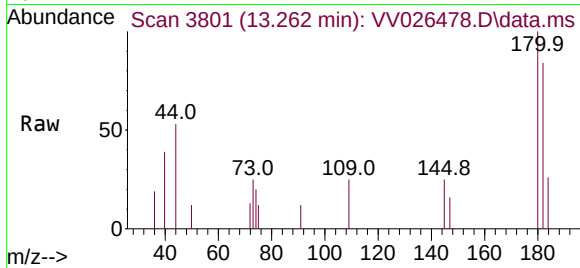
Tgt Ion:180 Resp: 1257

Ion Ratio Lower Upper

180 100

182 121.0 76.2 114.2#

145 23.9 23.9 35.9



#71

Naphthalene

Concen: 0.257 ug/L

RT: 13.506 min Scan# 3877

Delta R.T. 0.006 min

Lab File: VV026478.D

Acq: 21 Jun 2022 10:59

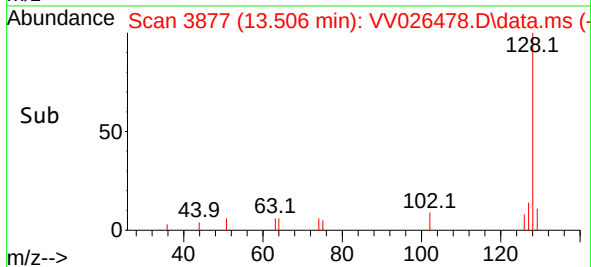
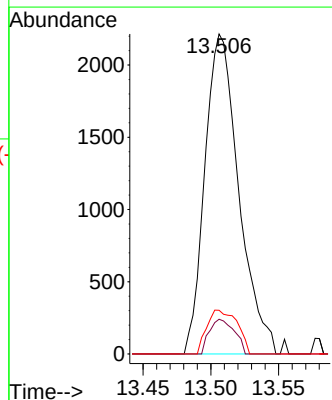
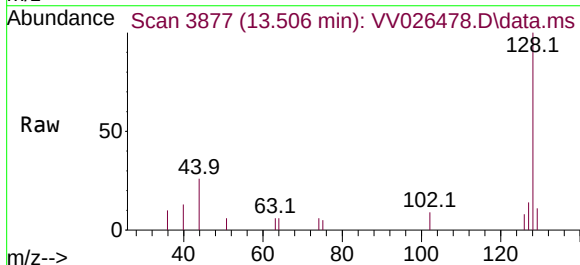
Tgt Ion:128 Resp: 3857

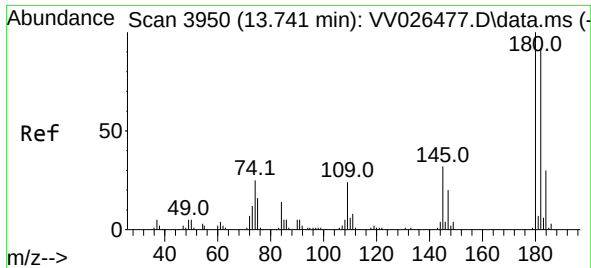
Ion Ratio Lower Upper

128 100

129 8.0 8.7 13.1#

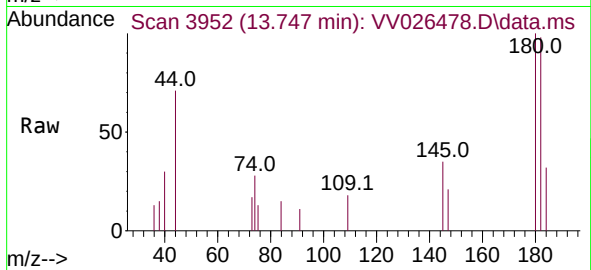
127 12.2 10.6 16.0





#72
 1,2,3-Trichlorobenzene
 Concen: 0.190 ug/L
 RT: 13.747 min Scan# 3952
 Delta R.T. 0.006 min
 Lab File: VV026478.D
 Acq: 21 Jun 2022 10:59

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	1719
Ion	Ratio	Lower	Upper
180	100		
182	89.1	77.9	116.9
145	32.9	26.7	40.1

