

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060822\
 Data File : VV026019.D
 Acq On : 08 Jun 2022 14:18
 Operator : SY/MD
 Sample : VV0608WBL01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK363

Quant Time: Jun 09 05:13:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 09 05:13:00 2022
 Response via : Initial Calibration

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

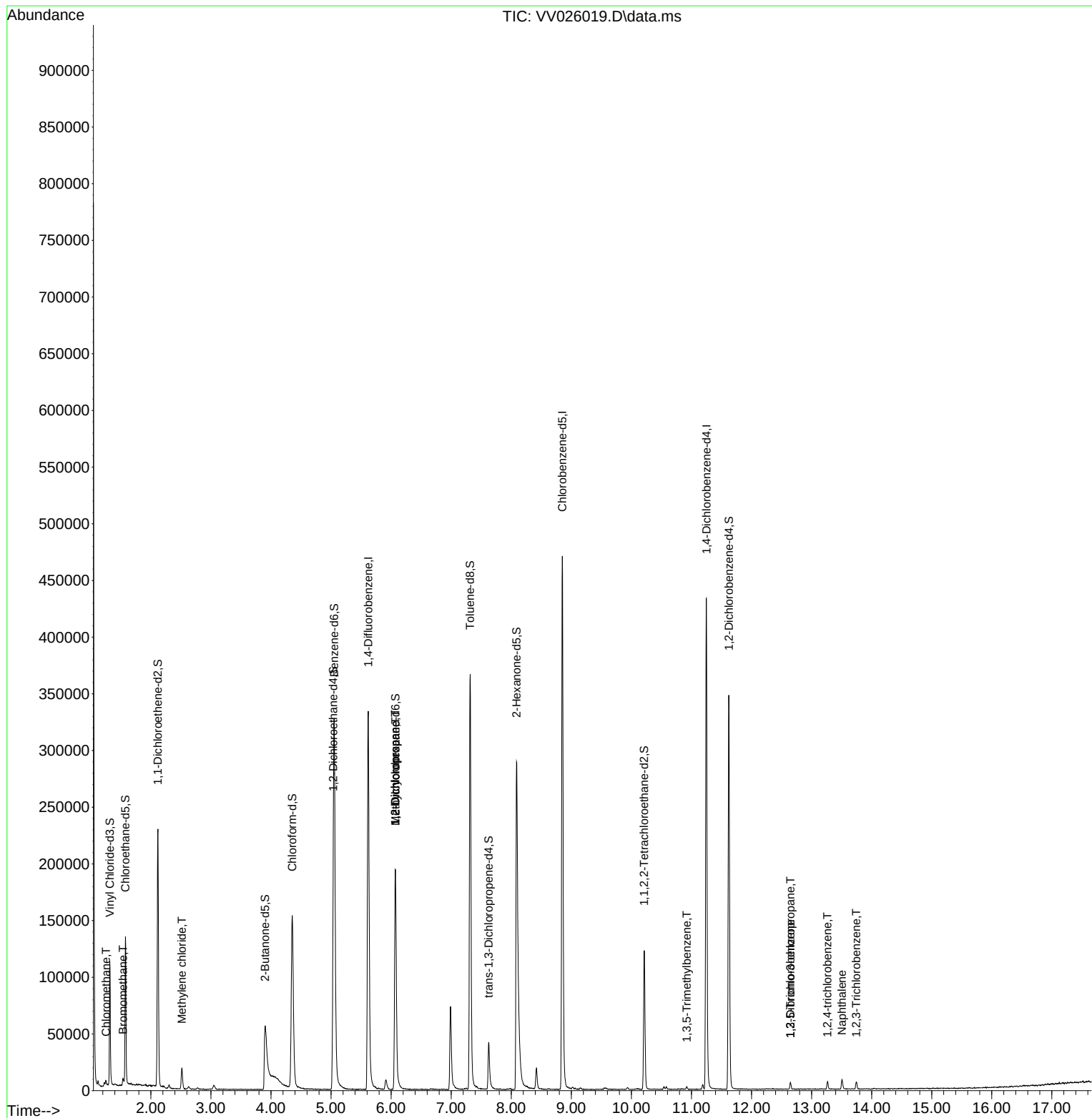
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	292368	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	266127	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	113278	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	73501	4.283	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.577	69	82676	4.608	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.118	63	120123	3.030	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.600%
20) 2-Butanone-d5	3.902	46	100075	39.425	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.840%
24) Chloroform-d	4.352	84	161532	4.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.037	65	68288	4.603	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.053	84	310172	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.072	67	99304	4.991	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.317	98	253035	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	7.625	79	26224	4.477	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.088	63	125885	48.838	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.680%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	61442	4.580	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	87193	5.031	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
3) Chloromethane	1.253	50	2616	0.081	ug/L	94
6) Bromomethane	1.536	94	3056	0.157	ug/L	88
16) Methylene chloride	2.516	84	7823	0.334	ug/L	98
35) Methylcyclohexane	6.072	83	24150	0.717	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	10835	0.535	ug/L #	86
62) 1,3,5-Trimethylbenzene	10.921	105	1943	0.033	ug/L	91
68) 1,2-Dibromo-3-chloropr...	12.648	75	367	0.234	ug/L #	1
69) 1,3,5-Trichlorobenzene	12.648	180	2182	0.084	ug/L	96
70) 1,2,4-trichlorobenzene	13.265	180	2423	0.126	ug/L	92
71) Naphthalene	13.506	128	7706	0.281	ug/L	97
72) 1,2,3-Trichlorobenzene	13.744	180	2235	0.137	ug/L	94

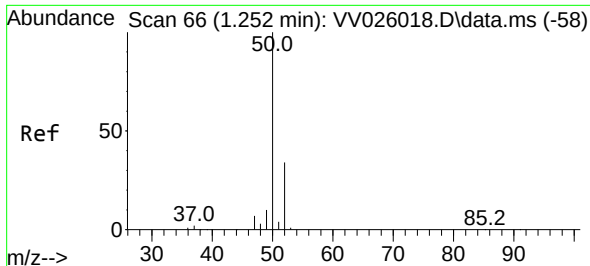
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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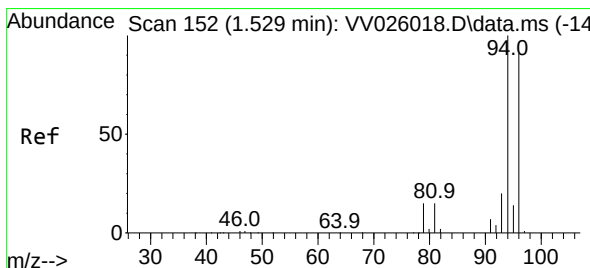
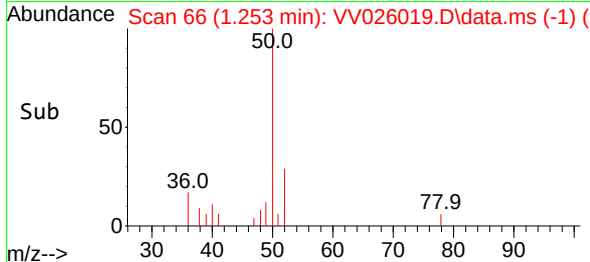
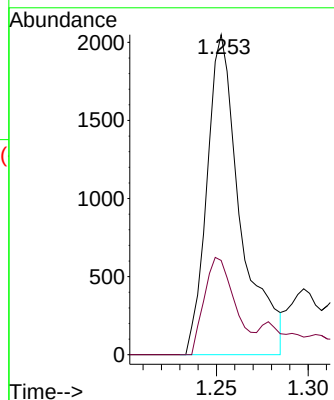
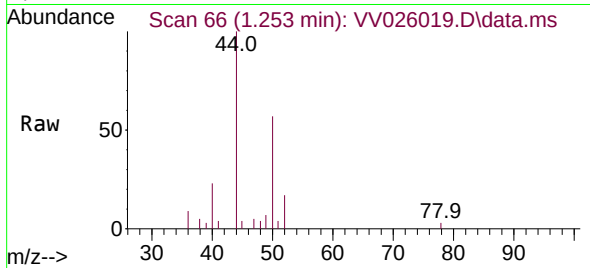




#3
Chloromethane
Concen: 0.081 ug/L
RT: 1.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VV026019.D
Acq: 08 Jun 2022 14:18

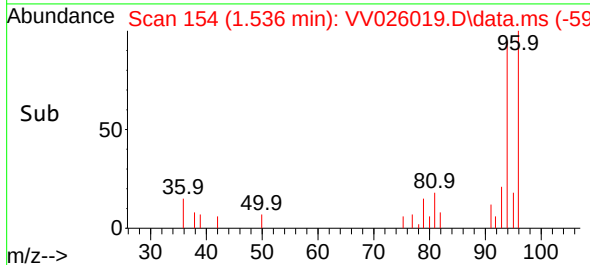
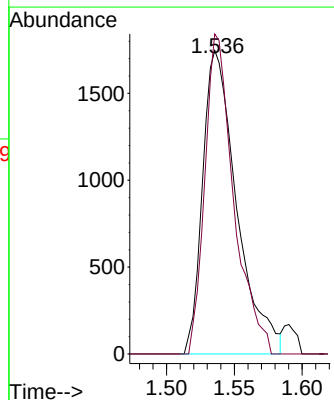
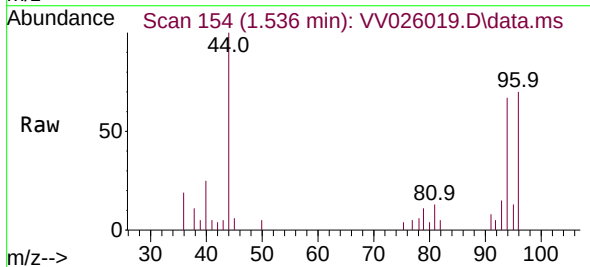
Instrument :
MSVOA_V
ClientSampleId :
VBLK363

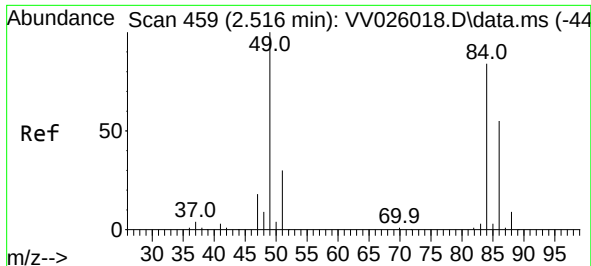
Tgt Ion: 50 Resp: 2616
Ion Ratio Lower Upper
50 100
52 29.5 23.0 42.6



#6
Bromomethane
Concen: 0.157 ug/L
RT: 1.536 min Scan# 154
Delta R.T. 0.007 min
Lab File: VV026019.D
Acq: 08 Jun 2022 14:18

Tgt Ion: 94 Resp: 3056
Ion Ratio Lower Upper
94 100
96 105.4 65.5 121.6

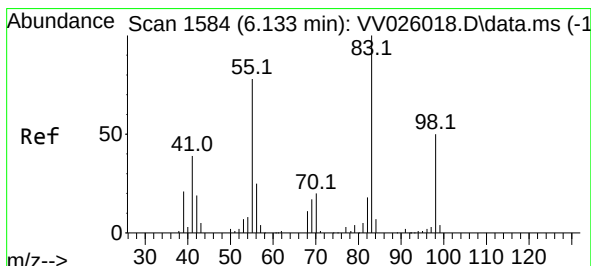
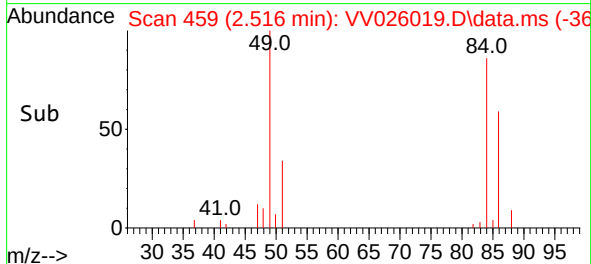
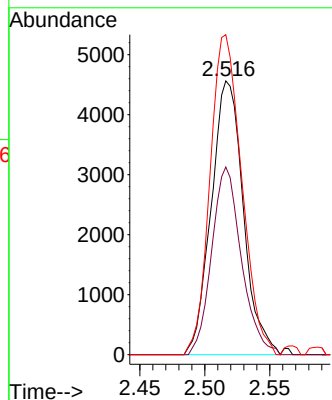
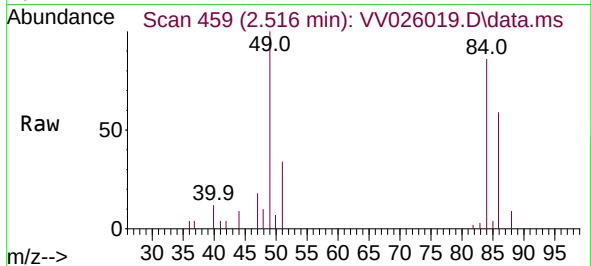




#16
Methylene chloride
Concen: 0.334 ug/L
RT: 2.516 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV026019.D
Acq: 08 Jun 2022 14:18

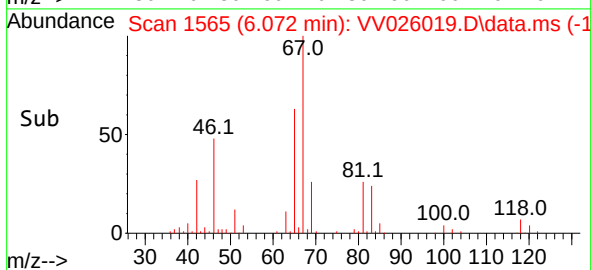
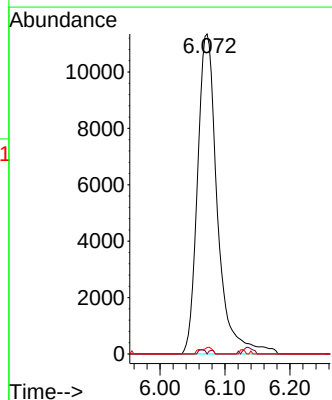
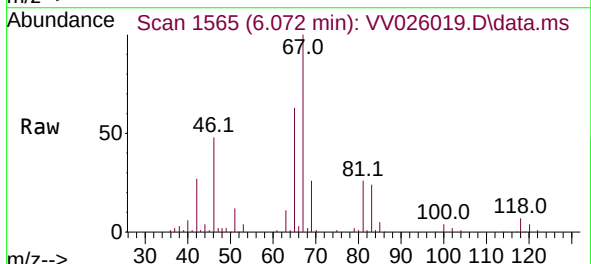
Instrument :
MSVOA_V
ClientSampleId :
VBLK363

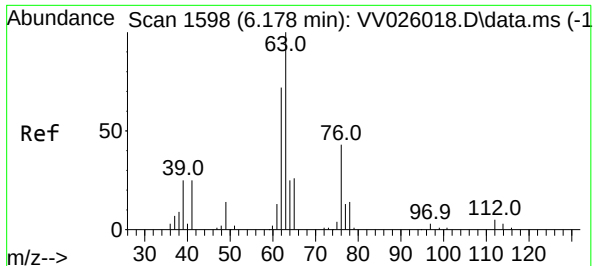
Tgt Ion:	84	Resp:	7823
Ion	Ratio	Lower	Upper
84	100		
86	68.5	45.6	84.6
49	116.9	82.9	153.9



#35
Methylcyclohexane
Concen: 0.717 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV026019.D
Acq: 08 Jun 2022 14:18

Tgt Ion:	83	Resp:	24150
Ion	Ratio	Lower	Upper
83	100		
55	0.3	59.4	89.0#
98	1.2	38.9	58.3#





#37

1,2-Dichloropropane

Concen: 0.535 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.109 min

Lab File: VV026019.D

Acq: 08 Jun 2022 14:18

Instrument :

MSVOA_V

ClientSampleId :

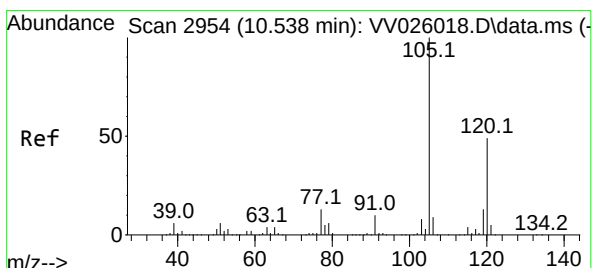
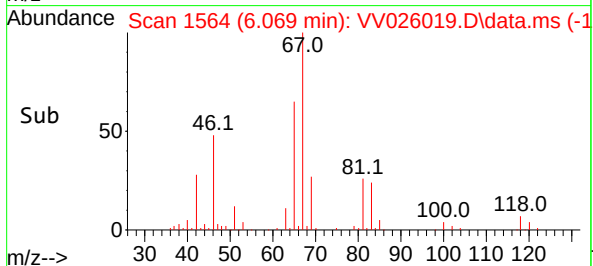
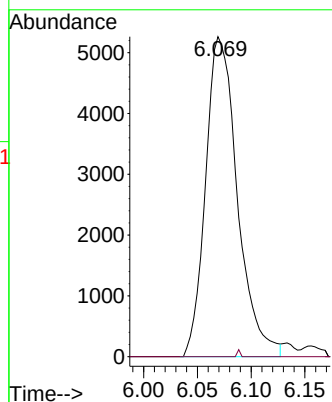
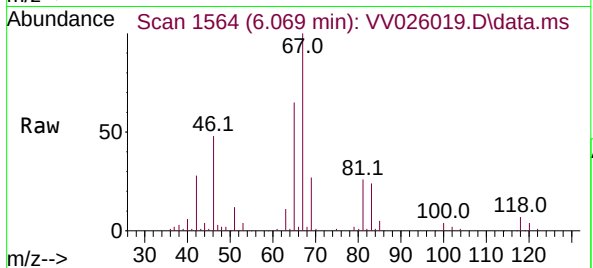
VBLK363

Tgt Ion: 63 Resp: 10835

Ion Ratio Lower Upper

63 100

112 0.2 3.8 5.6#



#62

1,3,5-Trimethylbenzene

Concen: 0.033 ug/L

RT: 10.921 min Scan# 3073

Delta R.T. 0.383 min

Lab File: VV026019.D

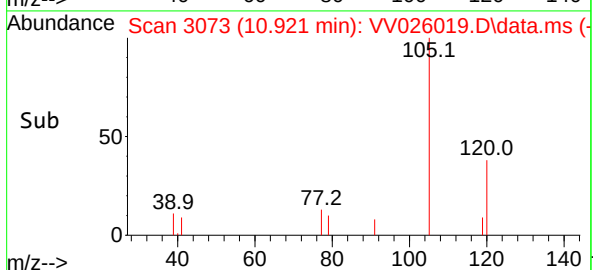
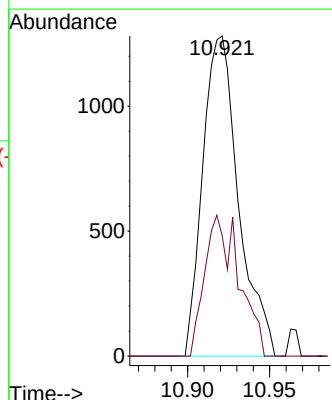
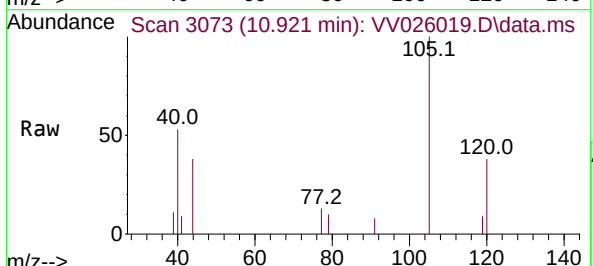
Acq: 08 Jun 2022 14:18

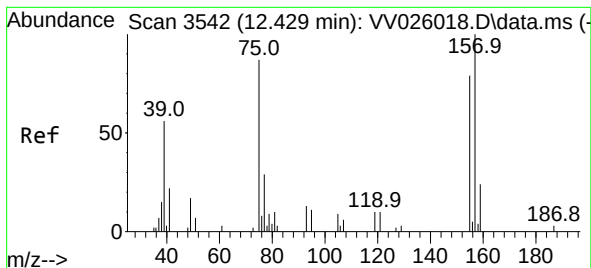
Tgt Ion: 105 Resp: 1943

Ion Ratio Lower Upper

105 100

120 42.2 38.8 58.2

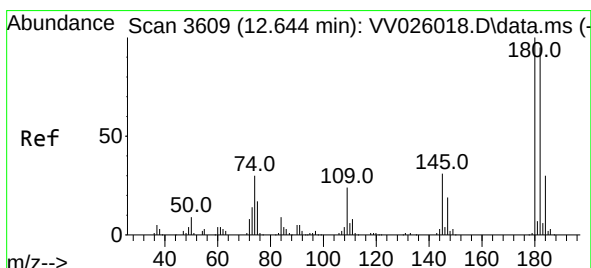
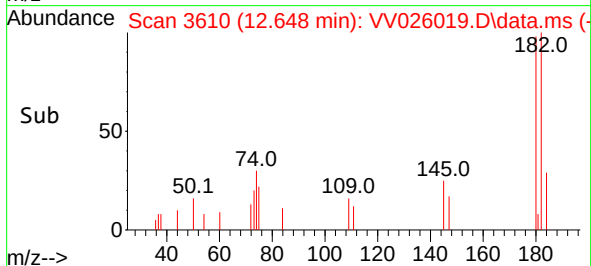
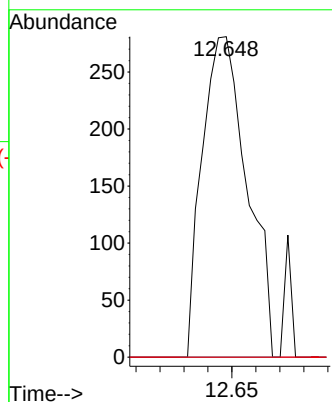
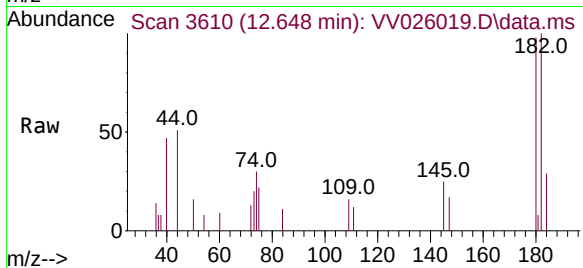




#68
1,2-Dibromo-3-chloropropane
Concen: 0.234 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.219 min
Lab File: VV026019.D
Acq: 08 Jun 2022 14:18

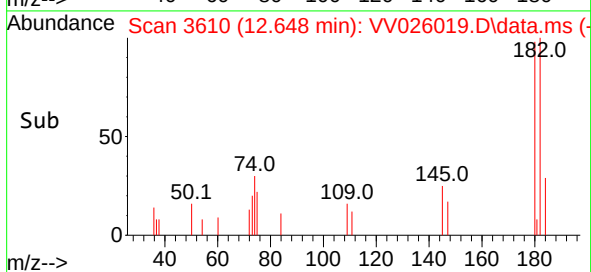
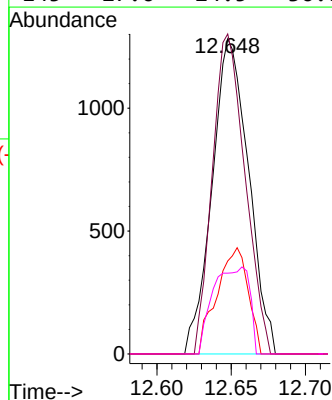
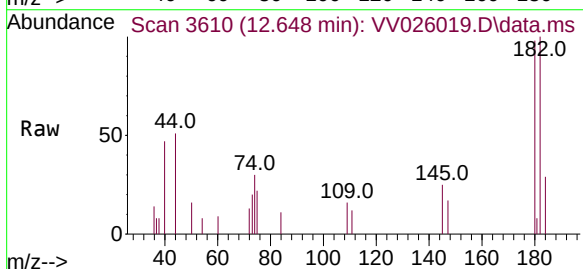
Instrument :
MSVOA_V
ClientSampleId :
VBLK363

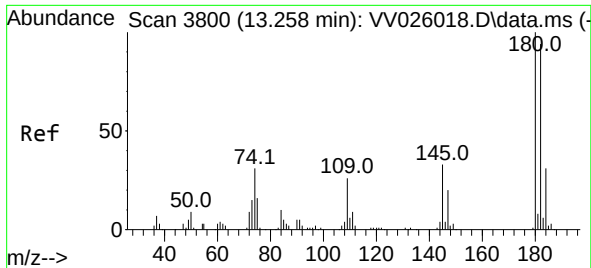
Tgt Ion: 75 Resp: 367
Ion Ratio Lower Upper
75 100
155 0.0 68.0 102.0#
157 0.0 89.7 134.5#



#69
1,3,5-Trichlorobenzene
Concen: 0.084 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.003 min
Lab File: VV026019.D
Acq: 08 Jun 2022 14:18

Tgt Ion: 180 Resp: 2182
Ion Ratio Lower Upper
180 100
182 91.0 76.3 114.5
184 28.9 24.0 36.0
145 27.6 24.5 36.7





#70

1,2,4-trichlorobenzene

Concen: 0.126 ug/L

RT: 13.265 min Scan# 3802

Delta R.T. 0.007 min

Lab File: VV026019.D

Acq: 08 Jun 2022 14:18

Instrument :

MSVOA_V

ClientSampleId :

VBLK363

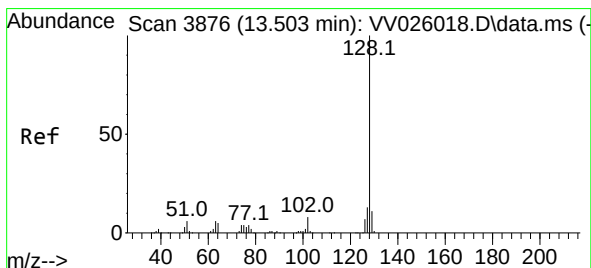
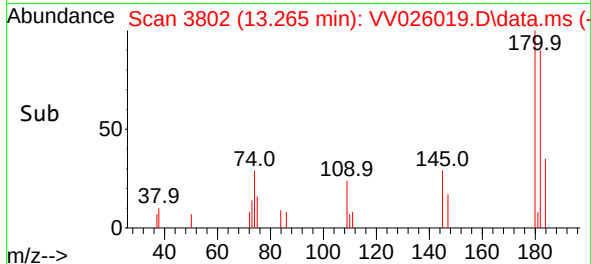
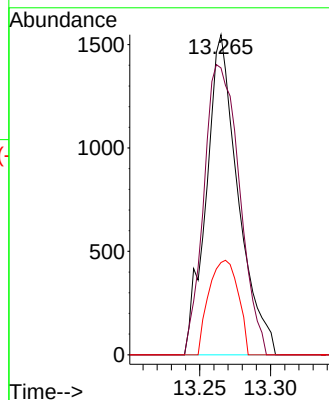
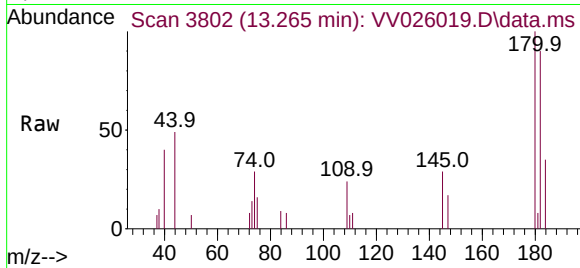
Tgt Ion:180 Resp: 2423

Ion Ratio Lower Upper

180 100

182 100.8 74.2 111.4

145 27.0 24.1 36.1



#71

Naphthalene

Concen: 0.281 ug/L

RT: 13.506 min Scan# 3877

Delta R.T. 0.003 min

Lab File: VV026019.D

Acq: 08 Jun 2022 14:18

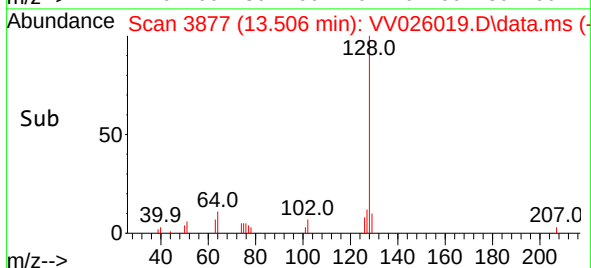
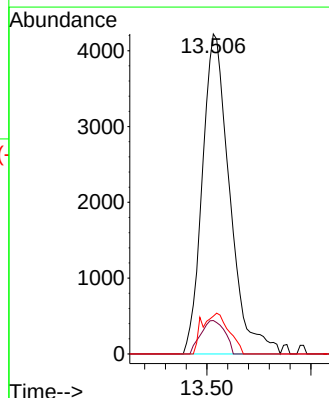
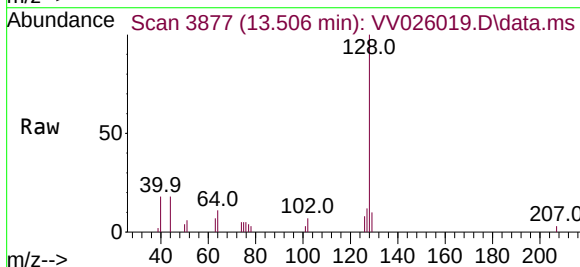
Tgt Ion:128 Resp: 7706

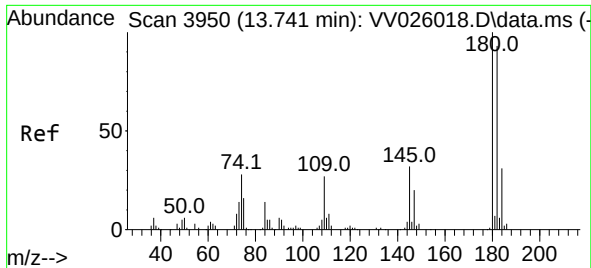
Ion Ratio Lower Upper

128 100

129 9.1 8.7 13.1

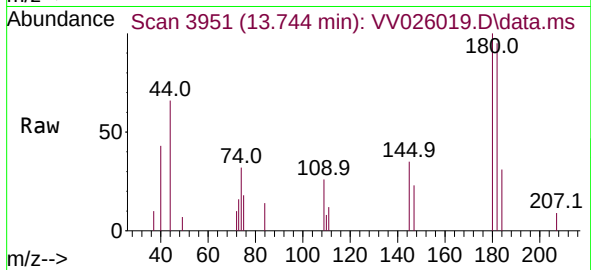
127 12.4 10.3 15.5





#72
 1,2,3-Trichlorobenzene
 Concen: 0.137 ug/L
 RT: 13.744 min Scan# 3951
 Delta R.T. 0.003 min
 Lab File: VV026019.D
 Acq: 08 Jun 2022 14:18

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK363



Tgt Ion:	180	Resp:	2235
Ion	Ratio	Lower	Upper
180	100		
182	98.7	74.0	111.0
145	35.5	25.5	38.3

