

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041822\
 Data File : VW025605.D
 Acq On : 18 Apr 2022 13:43
 Operator : SY/MD
 Sample : N2388-06RE
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFFE9

Quant Time: Apr 19 05:07:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 19 05:06:28 2022
 Response via : Initial Calibration

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

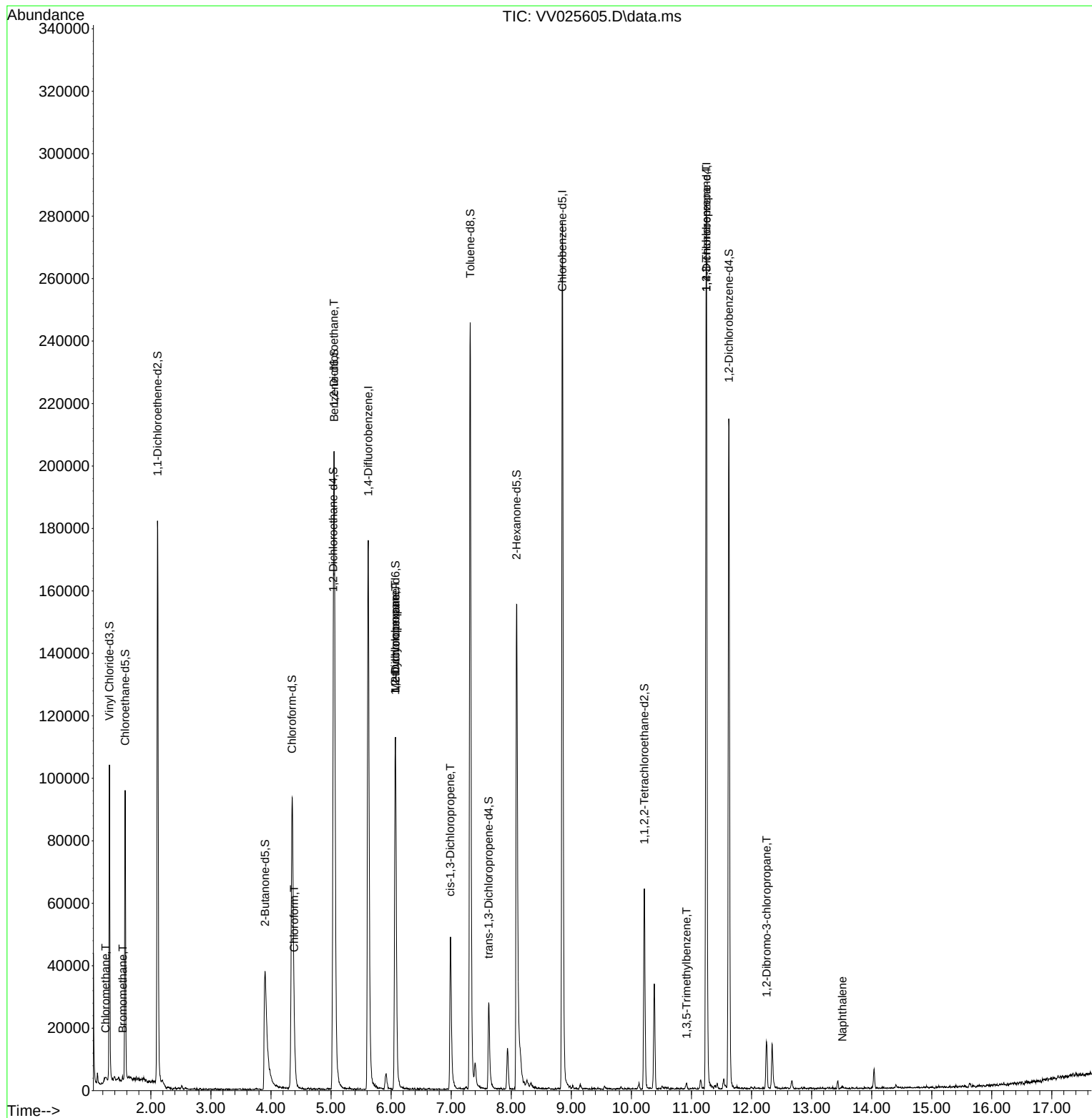
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	152772	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	153095	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73236	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	62888	4.428	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.571	69	57754	3.822	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.400%
11) 1,1-Dichloroethene-d2	2.111	63	96060	3.376	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	3.902	46	74852	43.325	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.640%
24) Chloroform-d	4.352	84	92821	4.325	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.037	65	42758	4.624	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.053	84	189778	4.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.072	67	55180	4.467	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.316	98	165991	4.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	7.625	79	16644	4.008	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.088	63	53661	36.822	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.640%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31007	3.973	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	54454	4.435	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	713	0.048	ug/L	86
6) Bromomethane	1.532	94	552	0.045	ug/L #	69
25) Chloroform	4.384	83	12671	0.638	ug/L	97
27) 1,2-Dichloroethane	5.050	62	1254	0.120	ug/L #	71
35) Methylcyclohexane	6.072	83	13406	0.700	ug/L #	27
37) 1,2-Dichloropropane	6.069	63	6551	0.626	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	1223	0.089	ug/L #	57
61) 1,2,3-Trichloropropane	11.246	75	9048	1.876	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.918	105	801	0.040	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.249	75	620	0.743	ug/L #	2
71) Naphthalene	13.512	128	971	0.053	ug/L #	77

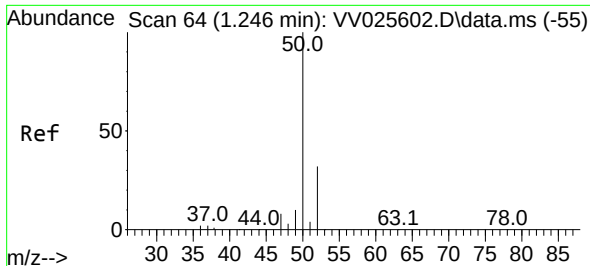
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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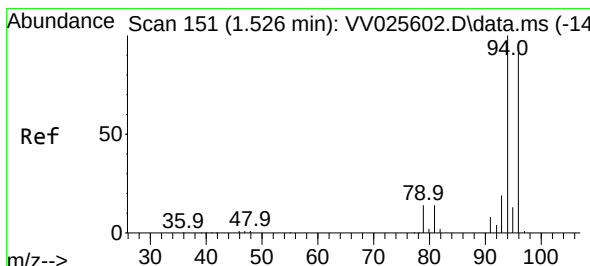
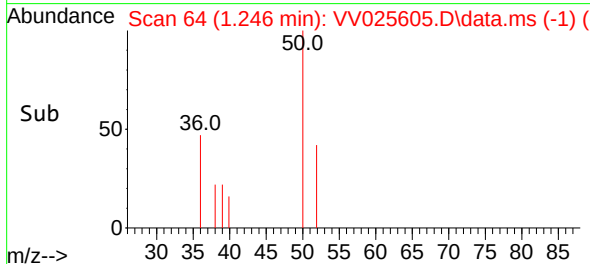
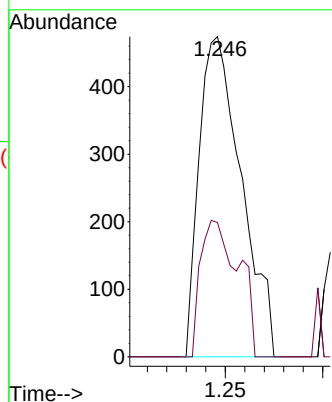
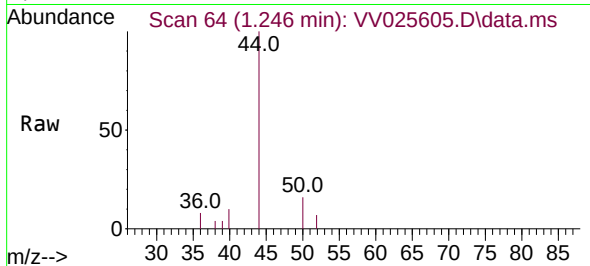




#3
Chloromethane
Concen: 0.048 ug/L
RT: 1.246 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV025605.D
Acq: 18 Apr 2022 13:43

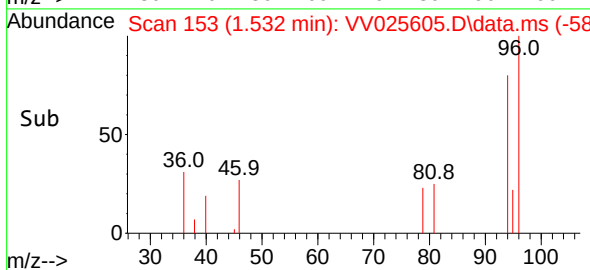
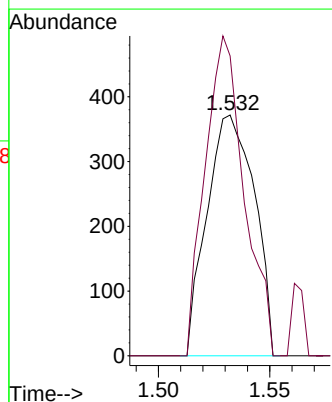
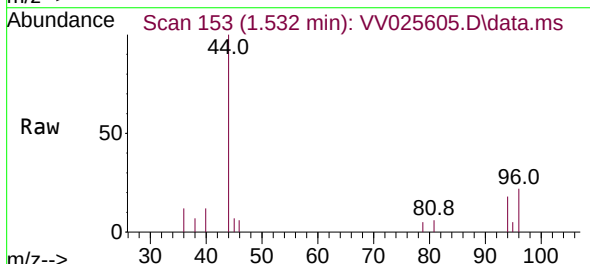
Instrument :
MSVOA_V
ClientSampleId :
BFFE9

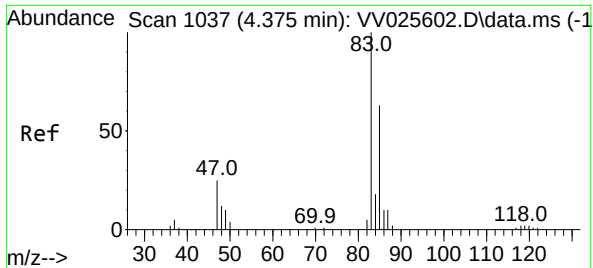
Tgt Ion: 50 Resp: 713
Ion Ratio Lower Upper
50 100
52 42.0 23.7 43.9



#6
Bromomethane
Concen: 0.045 ug/L
RT: 1.532 min Scan# 153
Delta R.T. 0.006 min
Lab File: VV025605.D
Acq: 18 Apr 2022 13:43

Tgt Ion: 94 Resp: 552
Ion Ratio Lower Upper
94 100
96 124.5 66.1 122.7#





#25

Chloroform

Concen: 0.638 ug/L

RT: 4.384 min Scan# 1037

Delta R.T. 0.009 min

Lab File: VV025605.D

Acq: 18 Apr 2022 13:43

Instrument :

MSVOA_V

ClientSampleId :

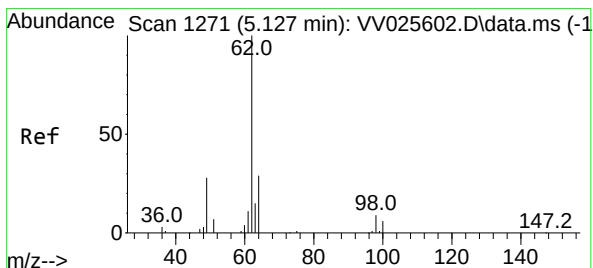
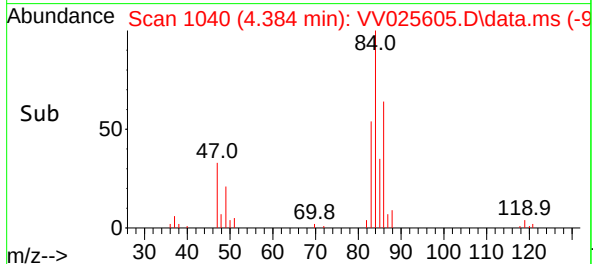
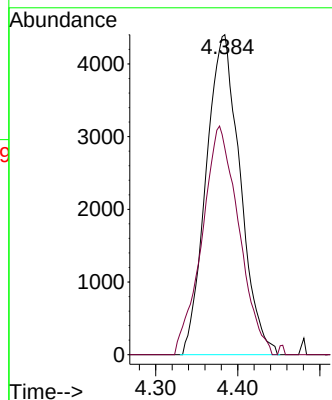
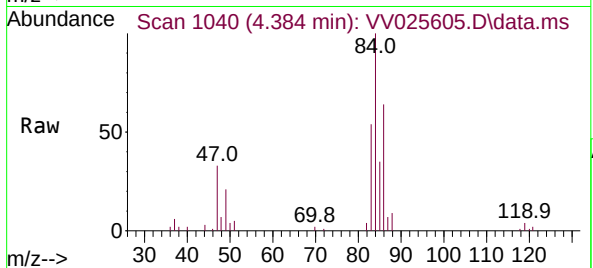
BFFE9

Tgt Ion: 83 Resp: 12671

Ion Ratio Lower Upper

83 100

85 64.5 43.5 80.7



#27

1,2-Dichloroethane

Concen: 0.120 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.077 min

Lab File: VV025605.D

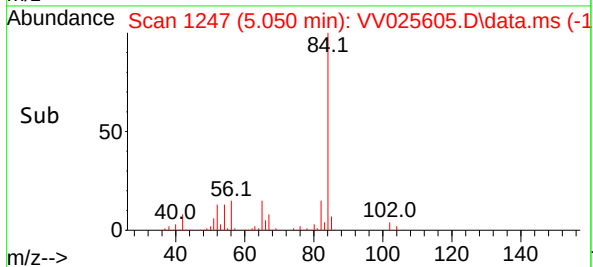
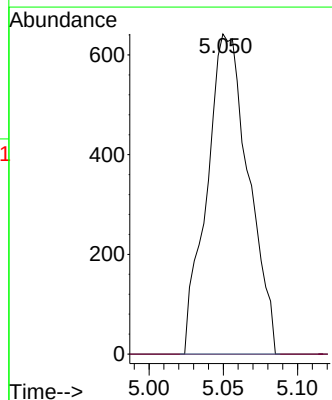
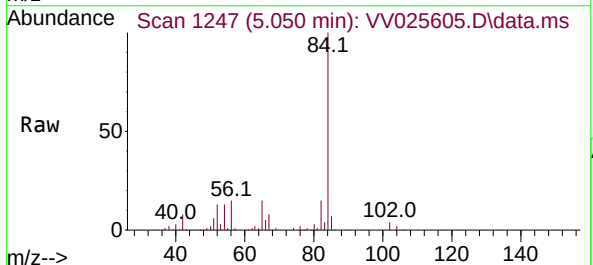
Acq: 18 Apr 2022 13:43

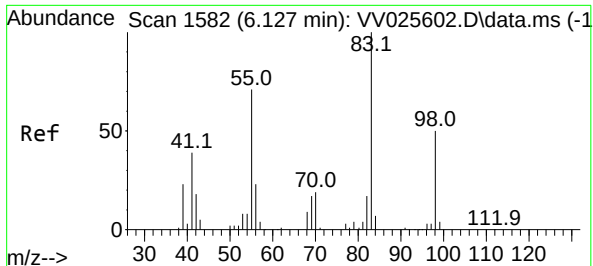
Tgt Ion: 62 Resp: 1254

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#





#35

Methylcyclohexane

Concen: 0.700 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV025605.D

Acq: 18 Apr 2022 13:43

Instrument :

MSVOA_V

ClientSampleId :

BFFE9

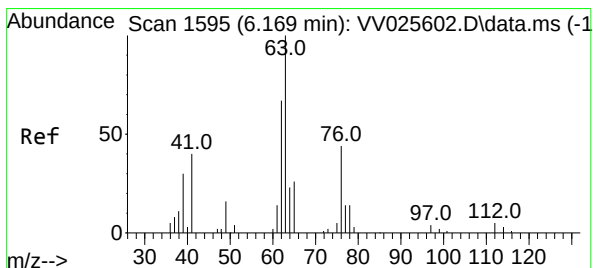
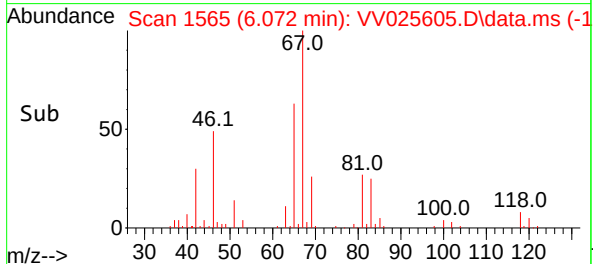
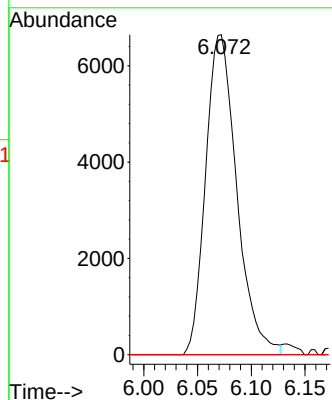
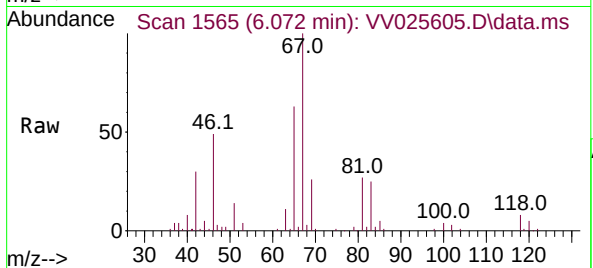
Tgt Ion: 83 Resp: 13406

Ion Ratio Lower Upper

83 100

55 0.0 53.7 80.5#

98 9.6 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.626 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV025605.D

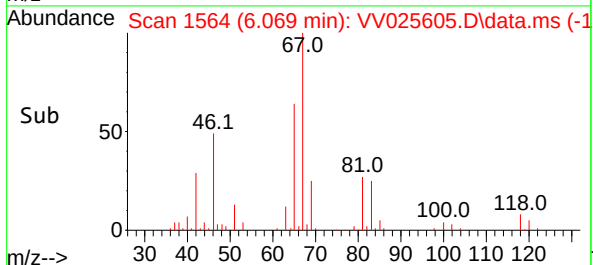
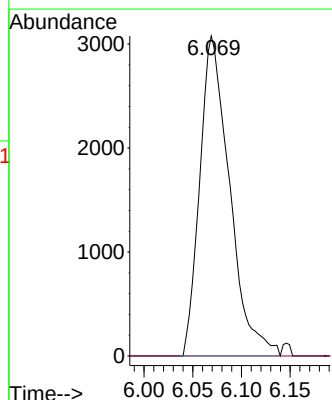
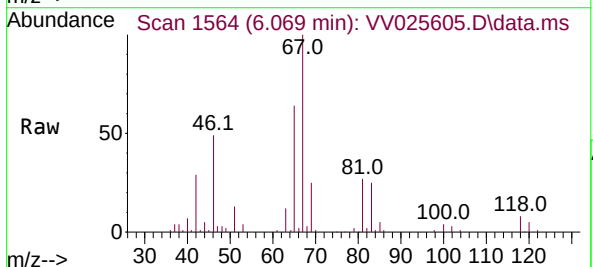
Acq: 18 Apr 2022 13:43

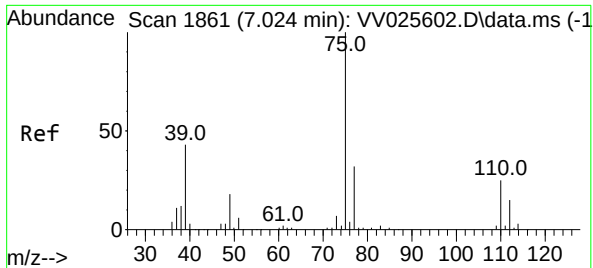
Tgt Ion: 63 Resp: 6551

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV025605.D

Acq: 18 Apr 2022 13:43

Instrument :

MSVOA_V

ClientSampleId :

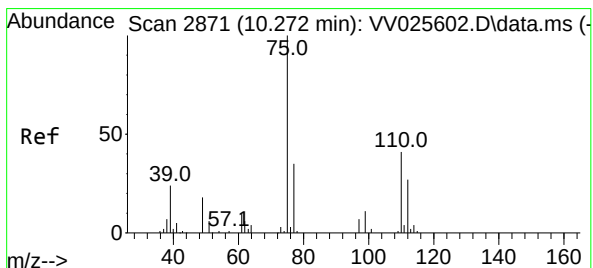
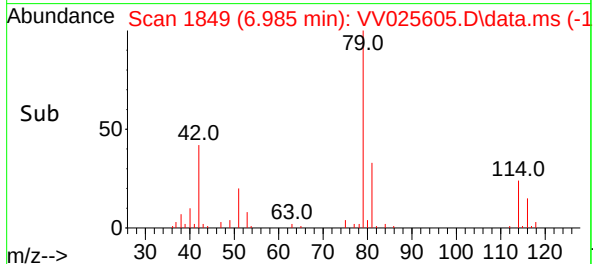
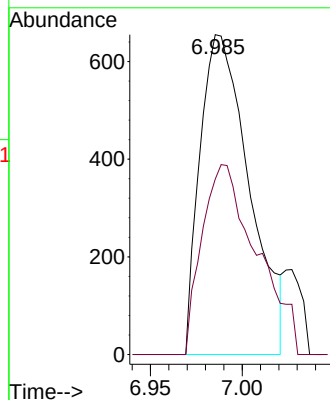
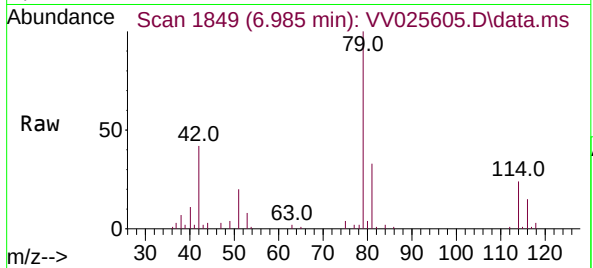
BFFE9

Tgt Ion: 75 Resp: 1223

Ion Ratio Lower Upper

75 100

77 54.8 21.8 40.6#



#61

1,2,3-Trichloropropane

Concen: 1.876 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025605.D

Acq: 18 Apr 2022 13:43

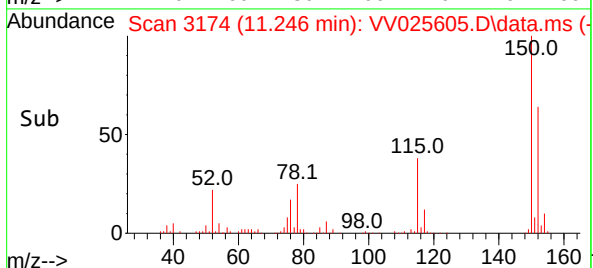
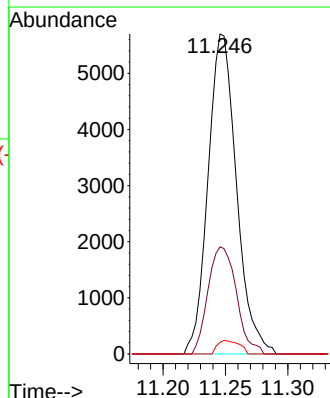
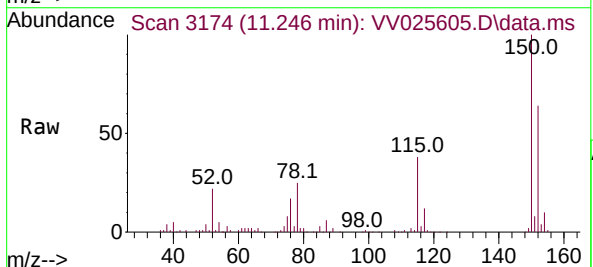
Tgt Ion: 75 Resp: 9048

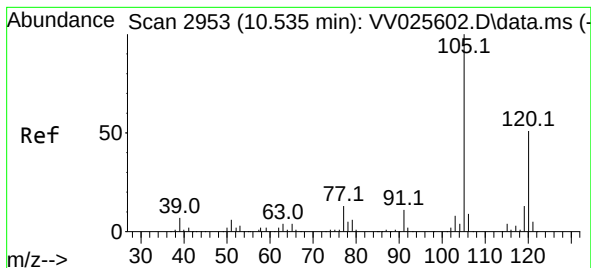
Ion Ratio Lower Upper

75 100

77 33.4 25.6 38.4

110 3.2 34.7 52.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.040 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.382 min

Lab File: VV025605.D

Acq: 18 Apr 2022 13:43

Instrument :

MSVOA_V

ClientSampleId :

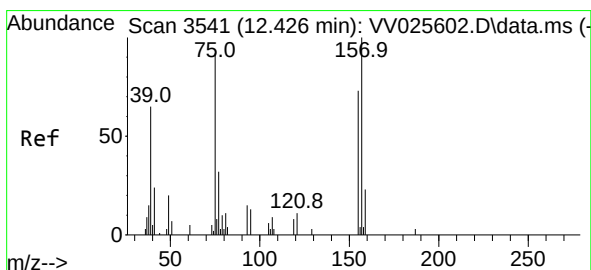
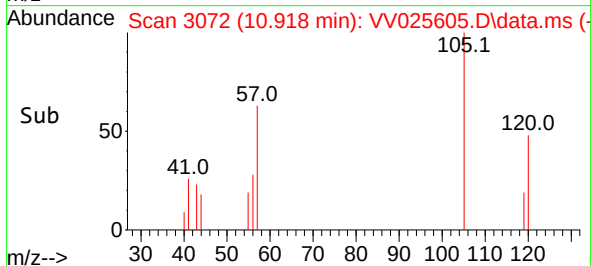
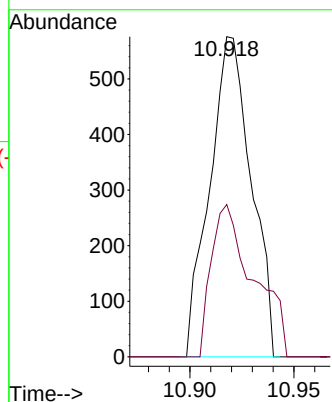
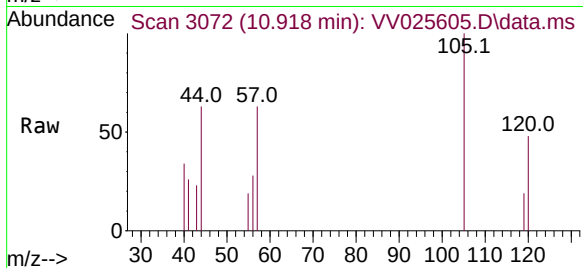
BFFE9

Tgt Ion:105 Resp: 801

Ion Ratio Lower Upper

105 100

120 48.6 39.6 59.4



#68

1,2-Dibromo-3-chloropropane

Concen: 0.743 ug/L

RT: 12.249 min Scan# 3486

Delta R.T. -0.177 min

Lab File: VV025605.D

Acq: 18 Apr 2022 13:43

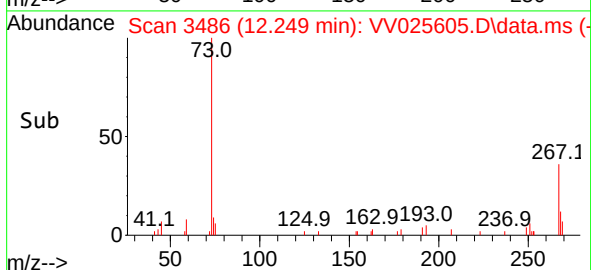
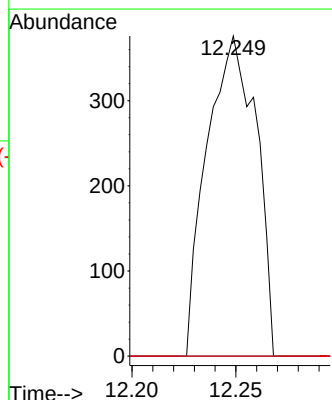
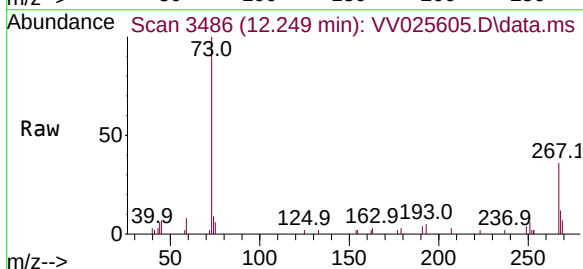
Tgt Ion: 75 Resp: 620

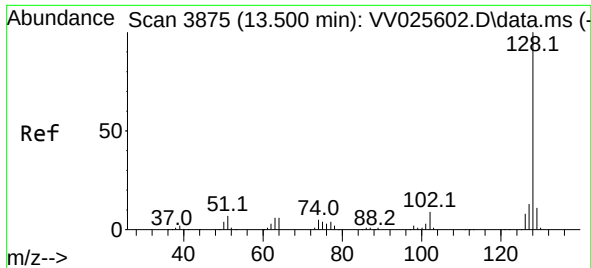
Ion Ratio Lower Upper

75 100

155 0.0 65.8 98.8#

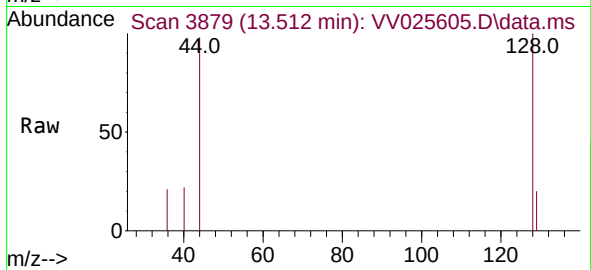
157 0.0 86.6 130.0#





#71
Naphthalene
Concen: 0.053 ug/L
RT: 13.512 min Scan# 3879
Delta R.T. 0.013 min
Lab File: VV025605.D
Acq: 18 Apr 2022 13:43

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:128 Resp: 971
Ion Ratio Lower Upper
128 100
129 6.8 8.8 13.2#
127 0.0 10.4 15.6#

