

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040622\
 Data File : VW025367.D
 Acq On : 06 Apr 2022 16:35
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK241

Quant Time: Apr 07 01:27:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 07 01:24:47 2022
 Response via : Initial Calibration

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

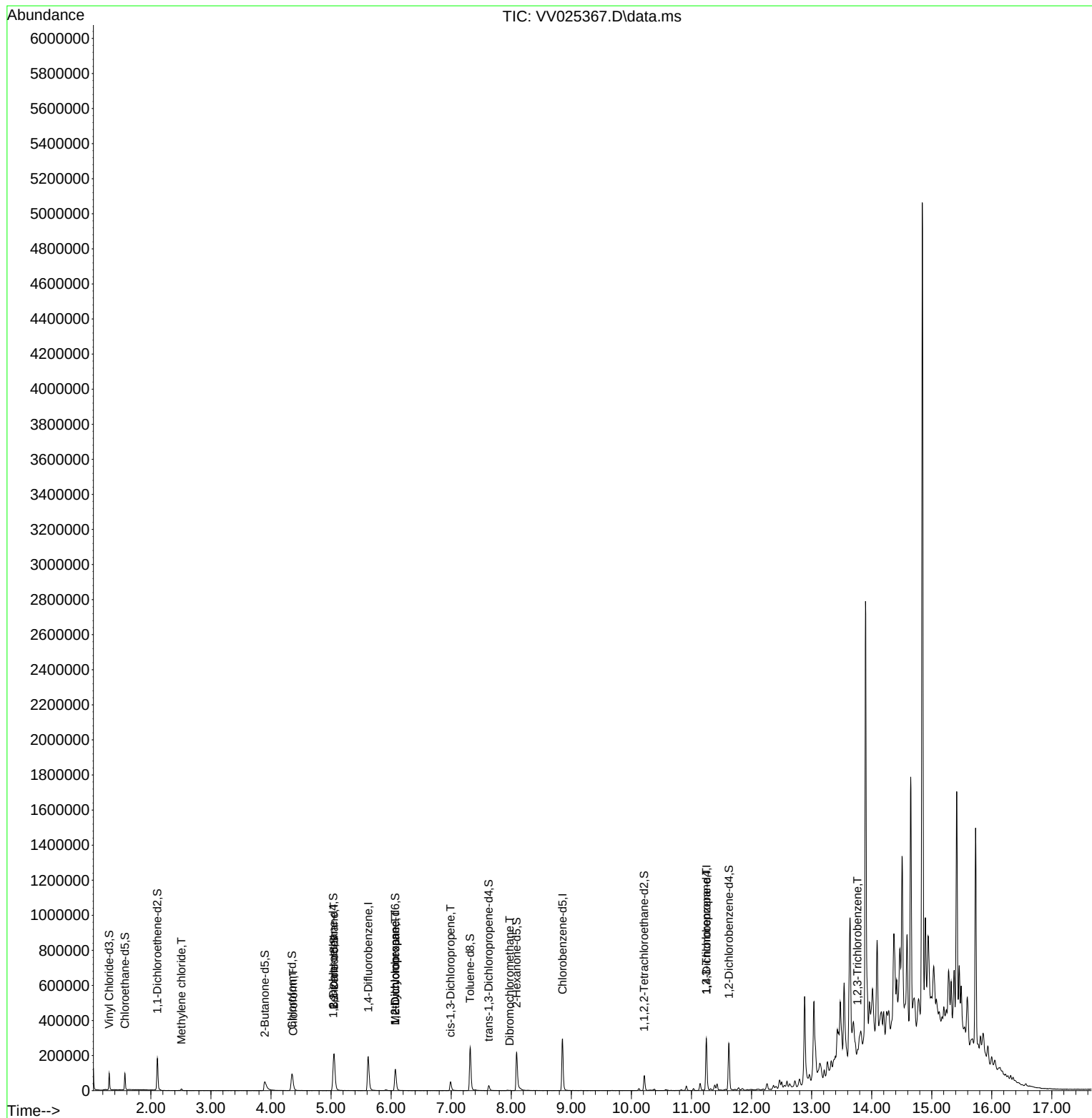
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	176379	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	167144	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	77962	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	58126	3.528	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.600%	
7) Chloroethane-d5	1.568	69	58034	4.197	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.000%	
11) 1,1-Dichloroethene-d2	2.108	63	94278	2.642	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	52.800%#	
20) 2-Butanone-d5	3.899	46	98872	60.246	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	120.500%	
24) Chloroform-d	4.349	84	99586	4.632	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.600%	
26) 1,2-Dichloroethane-d4	5.037	65	47401	4.988	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.800%	
32) Benzene-d6	5.050	84	193945	4.587	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
36) 1,2-Dichloropropane-d6	6.069	67	58569	4.942	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.800%	
41) Toluene-d8	7.317	98	161887	4.174	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.400%	
43) trans-1,3-Dichloroprop...	7.625	79	16613	4.297	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.000%	
46) 2-Hexanone-d5	8.088	63	76555	54.828	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	109.660%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	41158	5.209	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	65295	5.215	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.200%	
Target Compounds						Qvalue
16) Methylene chloride	2.510	84	3690	0.265	ug/L	89
25) Chloroform	4.368	83	2398	0.102	ug/L	83
27) 1,2-Dichloroethane	5.050	62	910	0.075	ug/L #	73
35) Methylcyclohexane	6.069	83	14864	0.705	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	6444	0.567	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1391	0.094	ug/L	84
49) Dibromochloromethane	7.976	129	291	0.035	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	9297	1.576	ug/L #	64
72) 1,2,3-Trichlorobenzene	13.763	180	5678	0.500	ug/L #	15

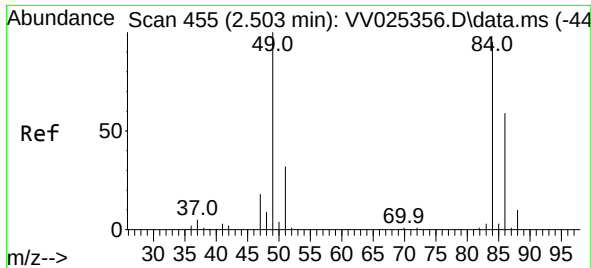
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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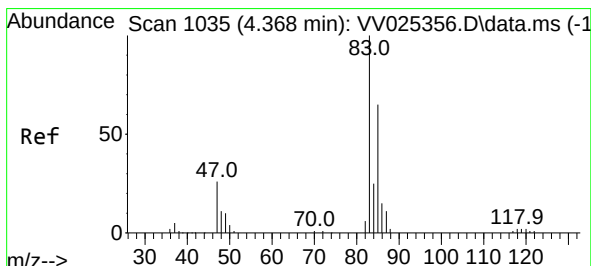
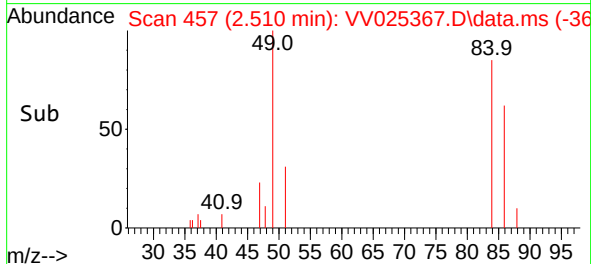
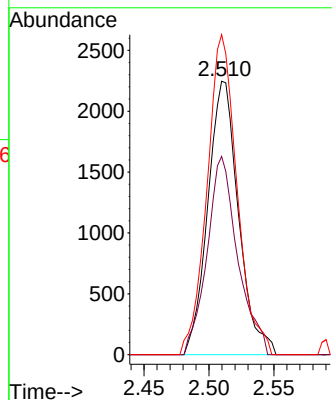
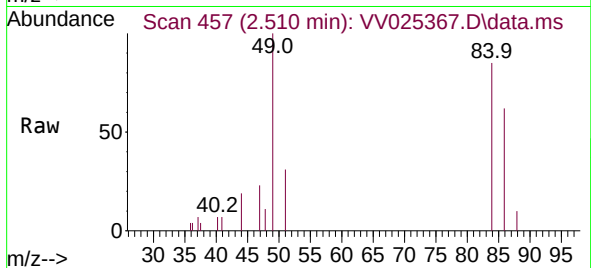




#16
Methylene chloride
Concen: 0.265 ug/L
RT: 2.510 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV025367.D
Acq: 06 Apr 2022 16:35

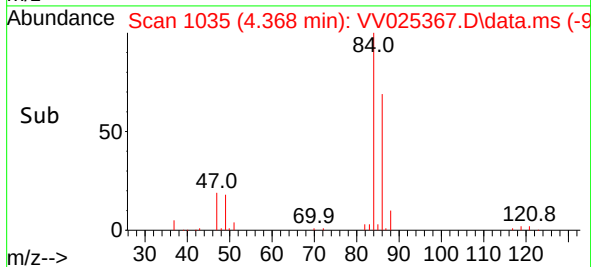
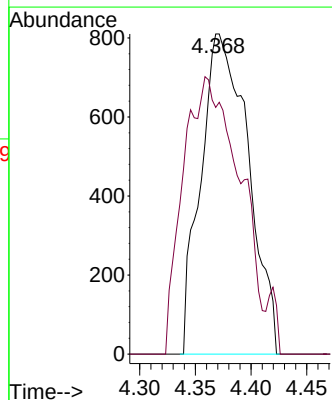
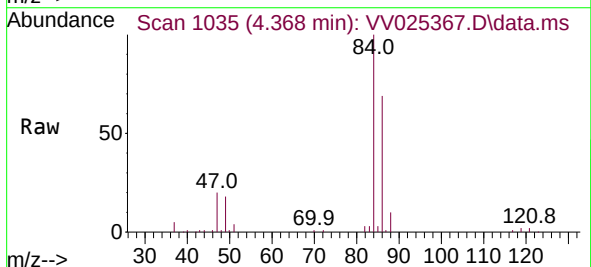
Instrument :
MSVOA_V
ClientSampleId :
VIBLK241

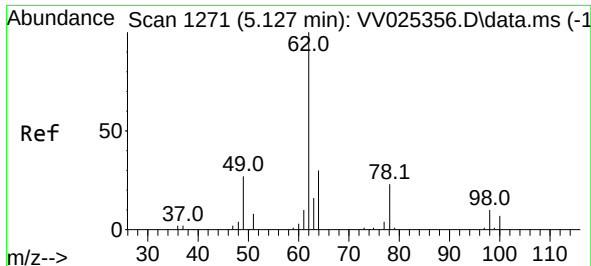
Tgt Ion: 84 Resp: 3690
Ion Ratio Lower Upper
84 100
86 72.5 43.5 80.7
49 117.1 74.5 138.3



#25
Chloroform
Concen: 0.102 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VV025367.D
Acq: 06 Apr 2022 16:35

Tgt Ion: 83 Resp: 2398
Ion Ratio Lower Upper
83 100
85 77.0 44.7 82.9





#27

1,2-Dichloroethane

Concen: 0.075 ug/L

RT: 5.050 min Scan# 1

Delta R.T. -0.077 min

Lab File: VV025367.D

Acq: 06 Apr 2022 16:35

Instrument :

MSVOA_V

ClientSampleId :

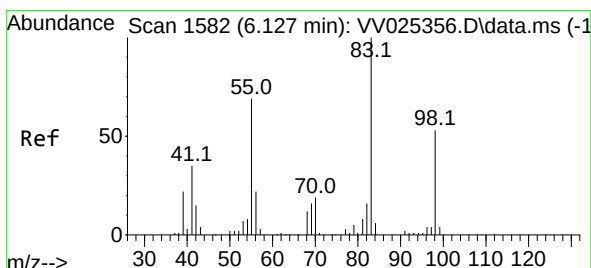
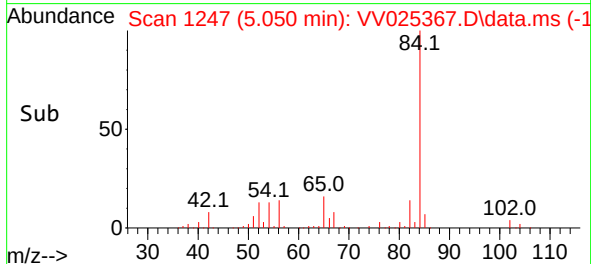
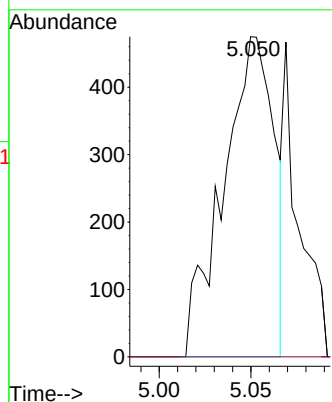
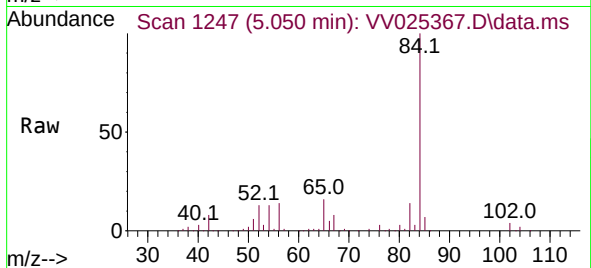
VIBLK241

Tgt Ion: 62 Resp: 910

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 0.705 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025367.D

Acq: 06 Apr 2022 16:35

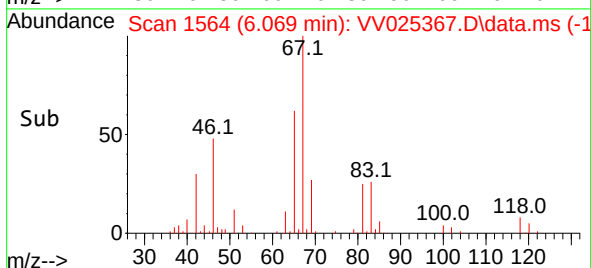
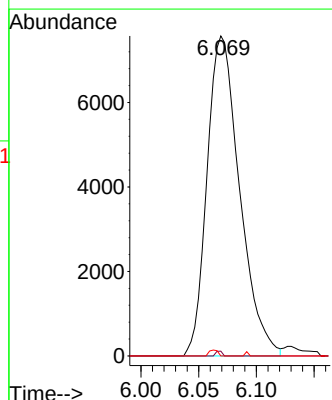
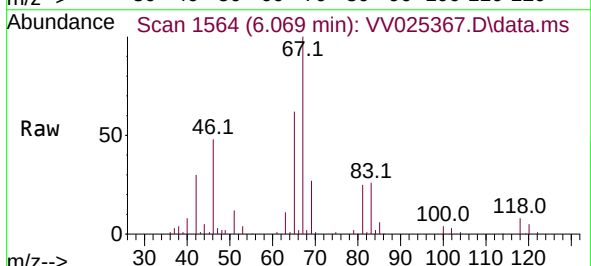
Tgt Ion: 83 Resp: 14864

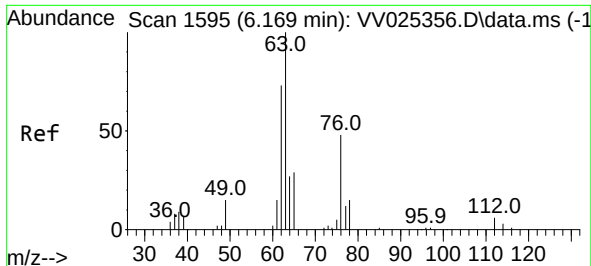
Ion Ratio Lower Upper

83 100

55 0.3 54.6 81.8#

98 0.5 39.8 59.6#





#37

1,2-Dichloropropane

Concen: 0.567 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV025367.D

Acq: 06 Apr 2022 16:35

Instrument :

MSVOA_V

ClientSampleId :

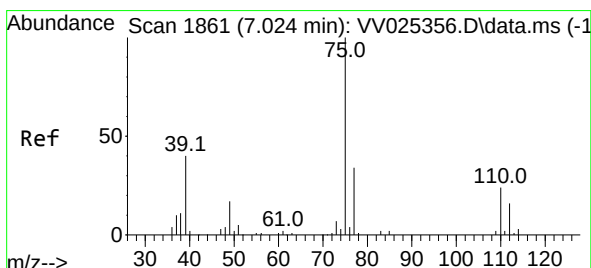
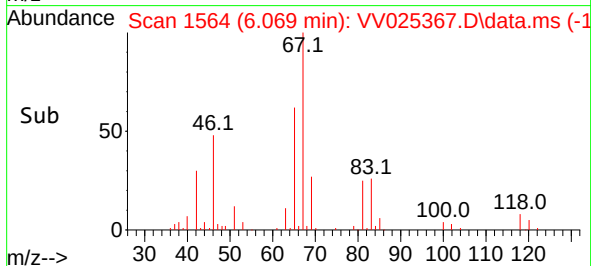
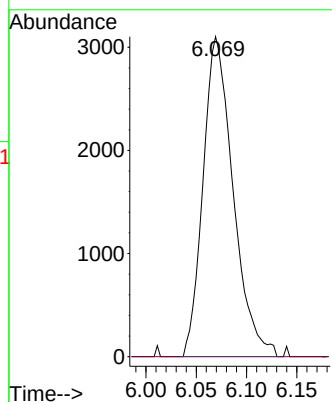
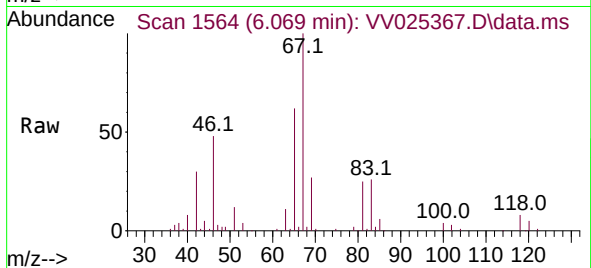
VIBLK241

Tgt Ion: 63 Resp: 6444

Ion Ratio Lower Upper

63 100

112 0.3 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV025367.D

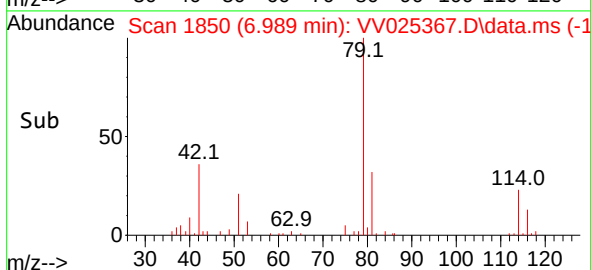
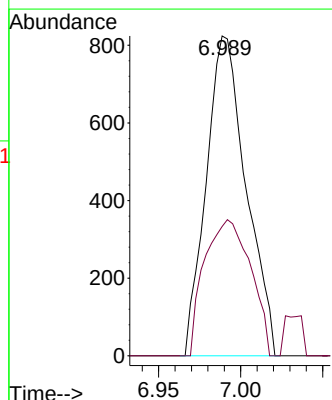
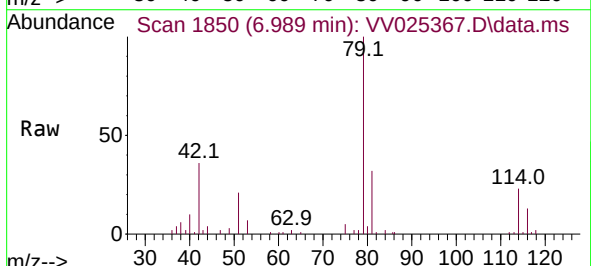
Acq: 06 Apr 2022 16:35

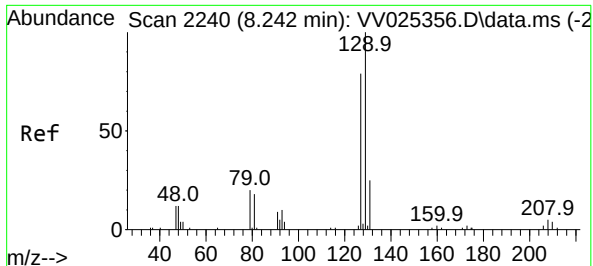
Tgt Ion: 75 Resp: 1391

Ion Ratio Lower Upper

75 100

77 40.4 22.1 41.1





#49

Dibromochloromethane

Concen: 0.035 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025367.D

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Instrument :

MSVOA_V

ClientSampleId :

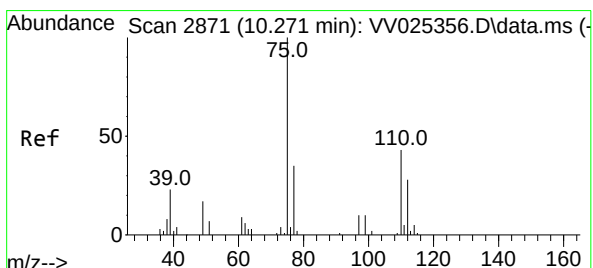
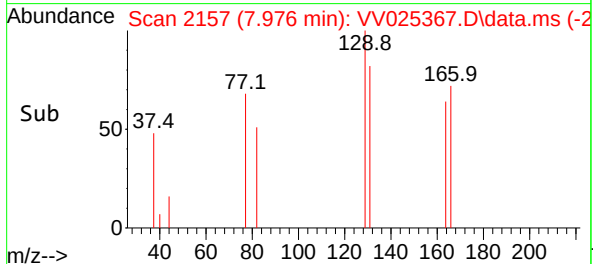
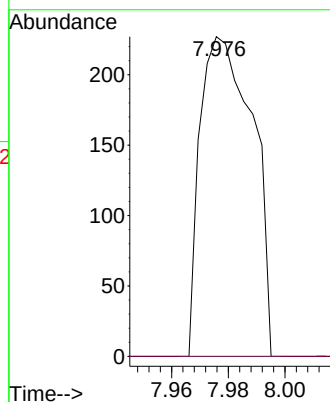
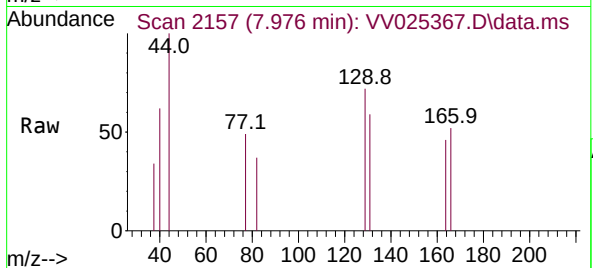
VIBLK241

Tgt Ion:129 Resp: 291

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



#61

1,2,3-Trichloropropane

Concen: 1.576 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025367.D

Acq: 06 Apr 2022 16:35

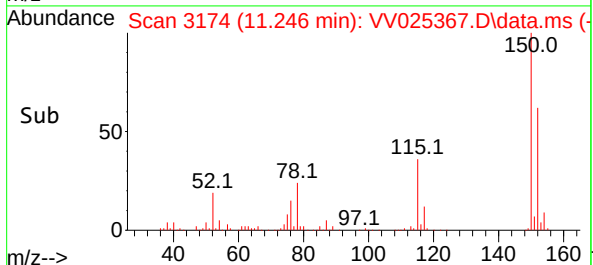
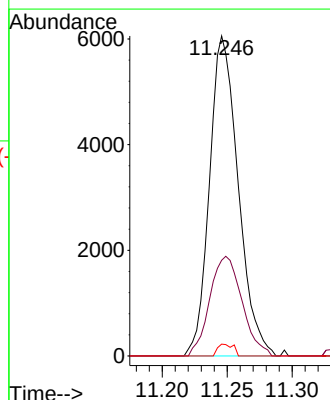
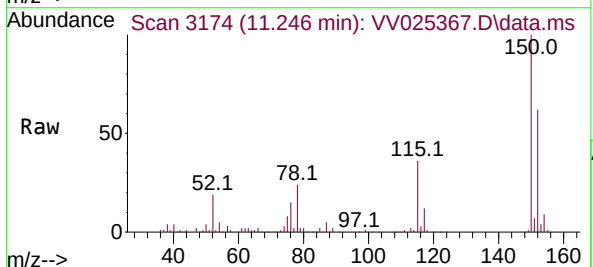
Tgt Ion: 75 Resp: 9297

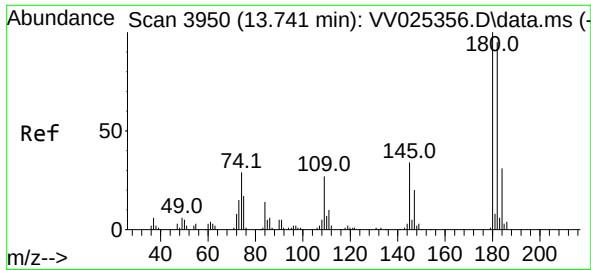
Ion Ratio Lower Upper

75 100

77 35.0 25.8 38.6

110 2.0 31.6 47.4#





#72

1,2,3-Trichlorobenzene

Concen: 0.500 ug/L

RT: 13.763 min Scan# 3957

Delta R.T. 0.023 min

Lab File: VV025367.D

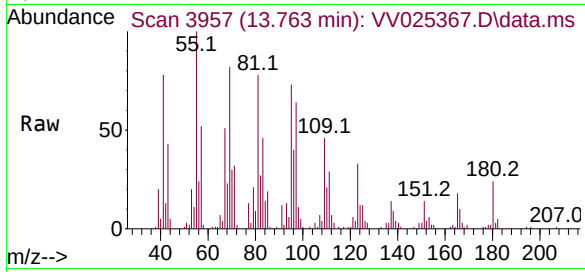
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Tgt Ion:180 Resp: 5678

Ion Ratio Lower Upper

180 100

182 3.6 75.8 113.6#

145 0.0 28.6 42.8#

