

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041222\
 Data File : VW025470.D
 Acq On : 12 Apr 2022 12:34
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK244

Quant Time: Apr 13 02:32:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 13 02:31:13 2022
 Response via : Initial Calibration

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

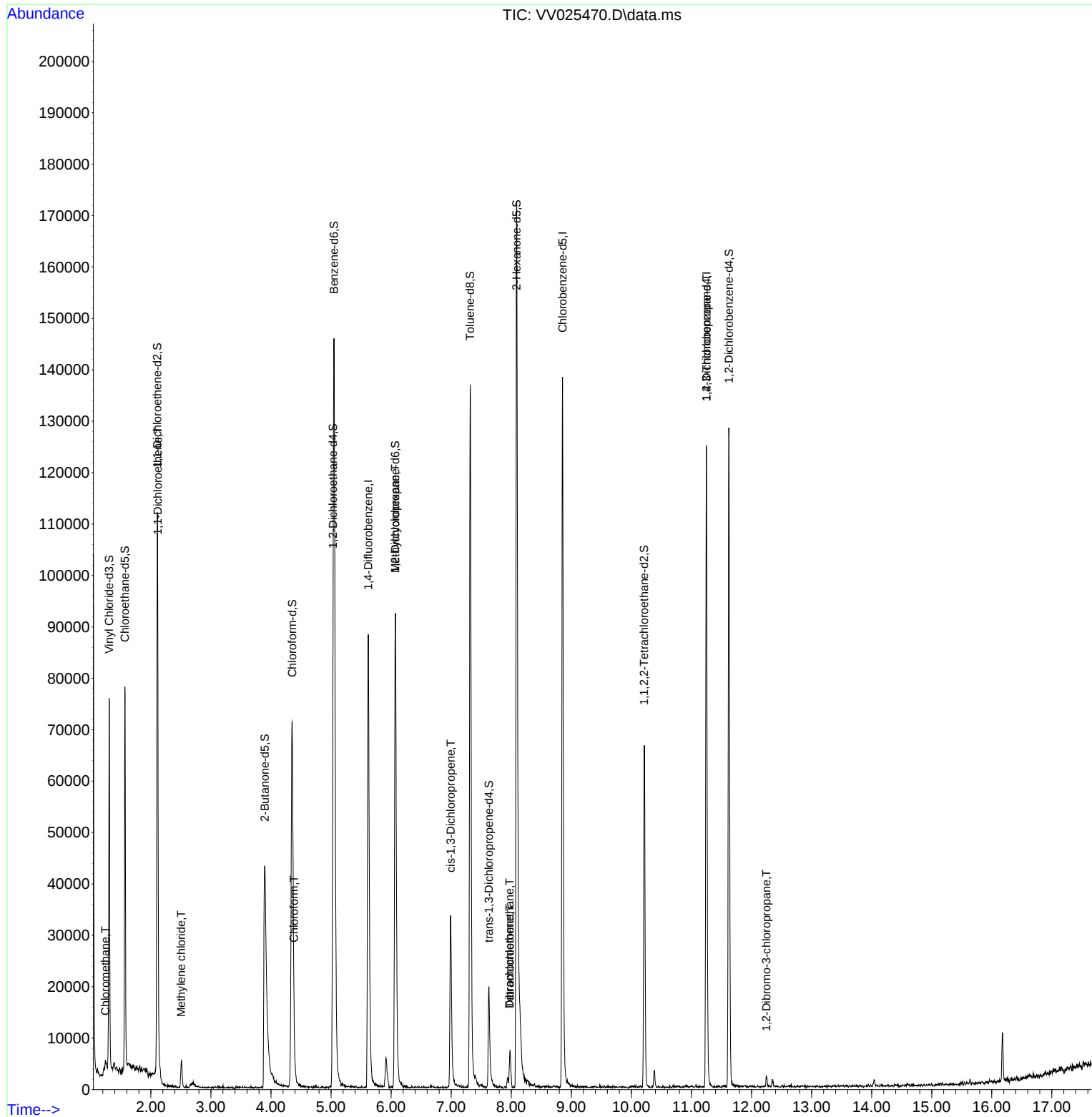
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	79616	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	76104	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	31958	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	43126	5.826	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.600%
7) Chloroethane-d5	1.568	69	46838	5.948	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.000%
11) 1,1-Dichloroethene-d2	2.108	63	58867	3.970	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	3.895	46	84419	93.760	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	187.520%#
24) Chloroform-d	4.352	84	73691	6.588	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	131.800%#
26) 1,2-Dichloroethane-d4	5.034	65	40051	8.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	166.200%#
32) Benzene-d6	5.050	84	129057	5.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.200%
36) 1,2-Dichloropropane-d6	6.069	67	43893	7.148	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	143.000%#
41) Toluene-d8	7.316	98	93761	4.588	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	7.628	79	11908	5.769	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	115.400%
46) 2-Hexanone-d5	8.088	63	60040	82.879	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	165.760%#
56) 1,1,2,2-Tetrachloroeth...	10.214	84	31549	8.132	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	162.600%#
66) 1,2-Dichlorobenzene-d4	11.622	152	32111	5.993	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.800%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	349	0.045	ug/L #	42
12) 1,1-Dichloroethene	2.114	96	577	0.084	ug/L #	1
16) Methylene chloride	2.506	84	1909	0.285	ug/L	97
25) Chloroform	4.381	83	1751	0.169	ug/L	95
35) Methylcyclohexane	6.069	83	10988	1.154	ug/L #	22
39) cis-1,3-Dichloropropene	6.992	75	1026	0.151	ug/L #	77
47) Tetrachloroethene	7.976	164	1562	0.334	ug/L	89
49) Dibromochloromethane	7.976	129	1515	0.396	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	3757	1.785	ug/L #	56
68) 1,2-Dibromo-3-chloropr...	12.246	75	80	0.220	ug/L #	2

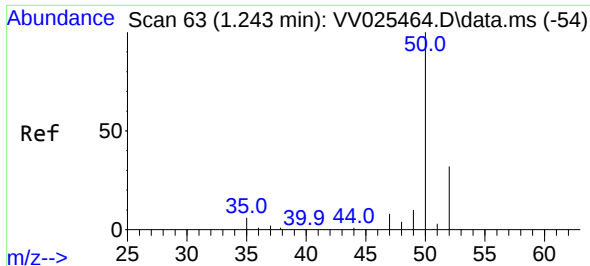
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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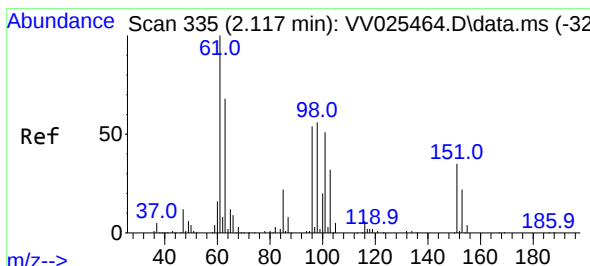
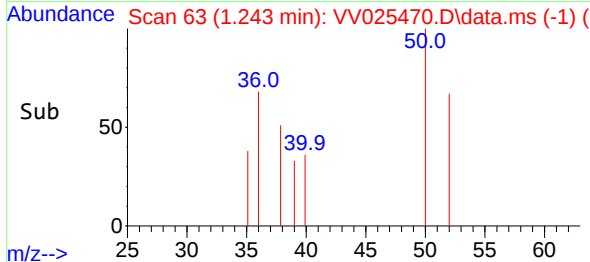
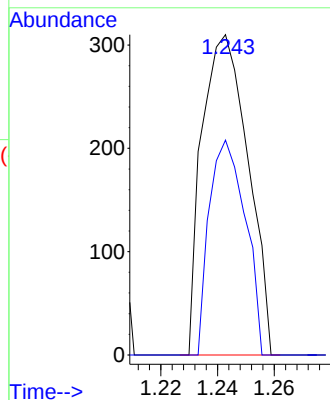
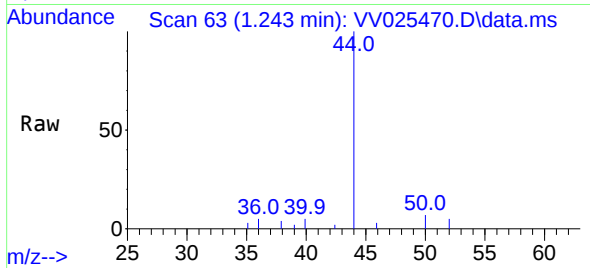




#3
Chloromethane
Concen: 0.045 ug/L
RT: 1.243 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV025470.D
Acq: 12 Apr 2022 12:34

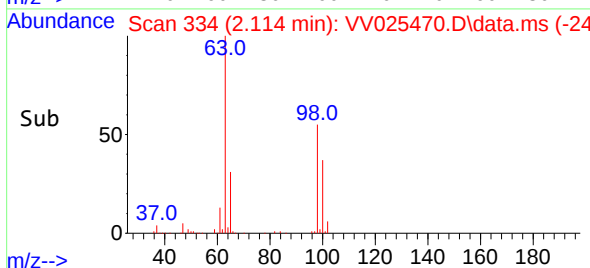
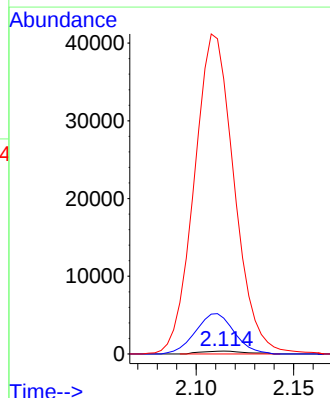
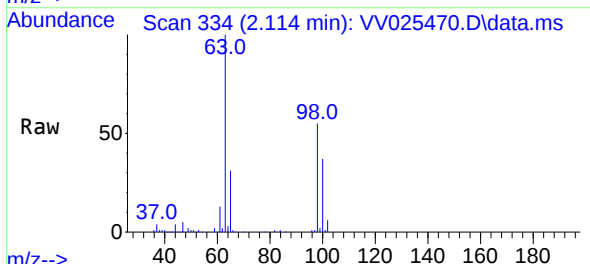
Instrument :
MSVOA_V
ClientSampleId :
VIBLK244

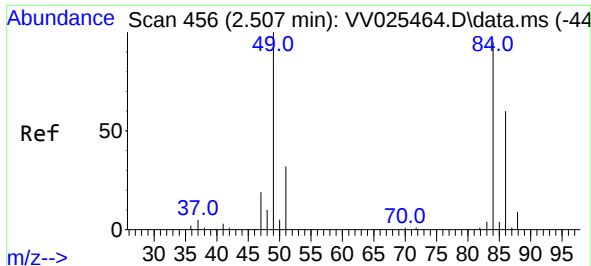
Tgt Ion: 50 Resp: 349
Ion Ratio Lower Upper
50 100
52 67.1 23.7 43.9#



#12
1,1-Dichloroethene
Concen: 0.084 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV025470.D
Acq: 12 Apr 2022 12:34

Tgt Ion: 96 Resp: 577
Ion Ratio Lower Upper
96 100
61 1251.6 125.2 232.4#
63 9619.6 114.4 212.4#

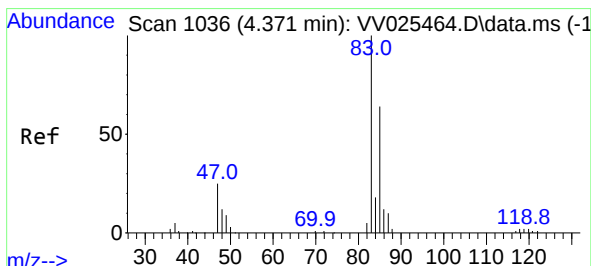
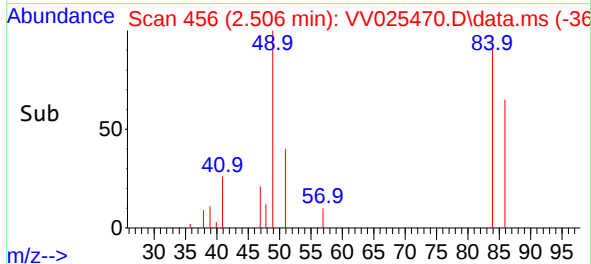
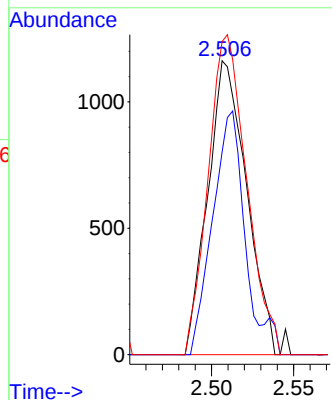
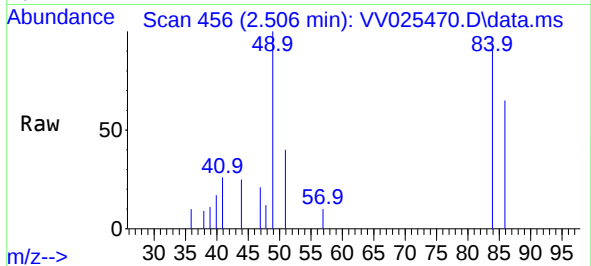




#16
Methylene chloride
Concen: 0.285 ug/L
RT: 2.506 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV025470.D
Acq: 12 Apr 2022 12:34

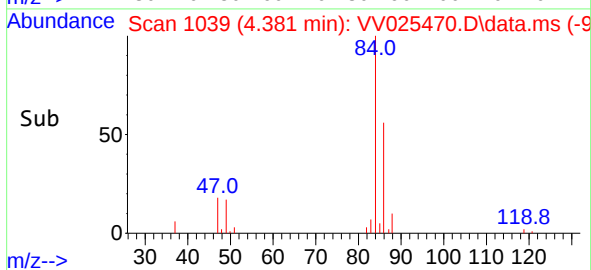
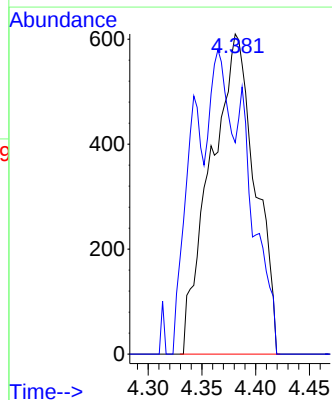
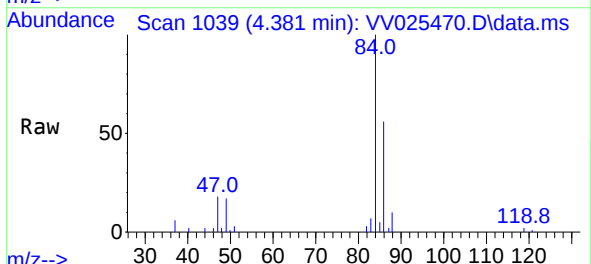
Instrument :
MSVOA_V
ClientSampleId :
VIBLK244

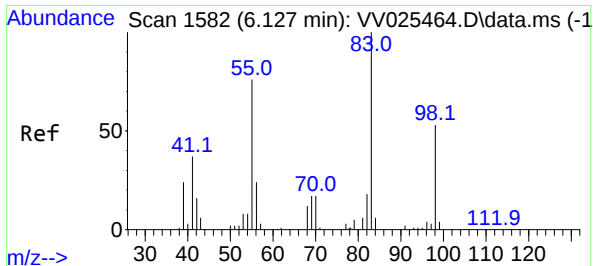
Tgt Ion: 84 Resp: 1909
Ion Ratio Lower Upper
84 100
86 69.0 45.9 85.3
49 106.5 76.6 142.3



#25
Chloroform
Concen: 0.169 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.010 min
Lab File: VV025470.D
Acq: 12 Apr 2022 12:34

Tgt Ion: 83 Resp: 1751
Ion Ratio Lower Upper
83 100
85 66.1 43.5 80.7





#35

Methylcyclohexane

Concen: 1.154 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.058 min

Lab File: VV025470.D

Acq: 12 Apr 2022 12:34

Instrument :

MSVOA_V

ClientSampleId :

VIBLK244

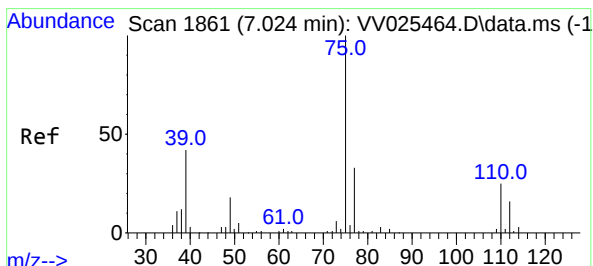
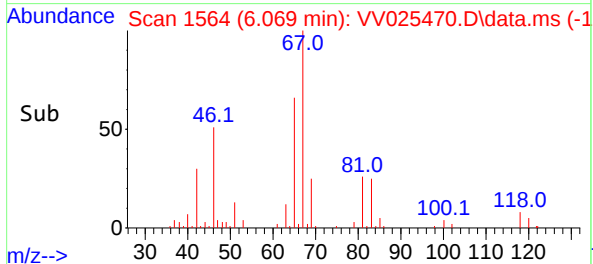
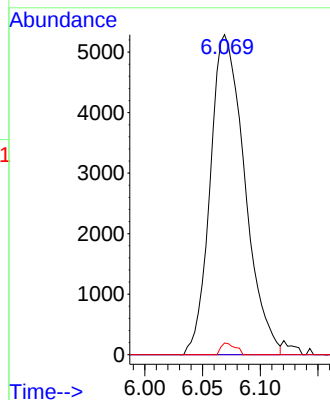
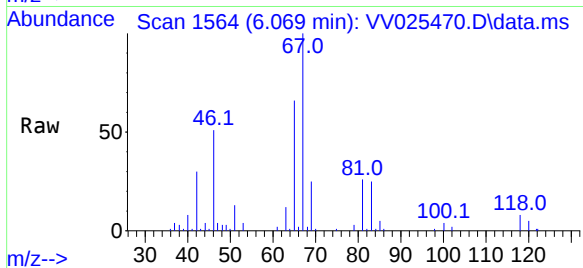
Tgt Ion: 83 Resp: 10988

Ion Ratio Lower Upper

83 100

55 0.0 53.7 80.5#

98 1.5 39.6 59.4#



#39

cis-1,3-Dichloropropene

Concen: 0.151 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV025470.D

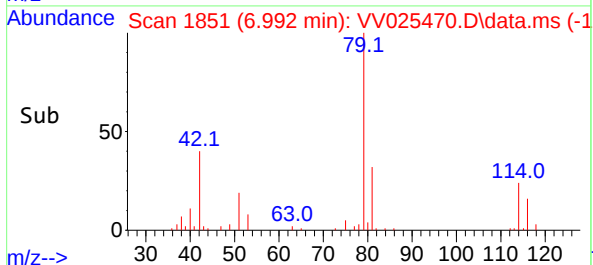
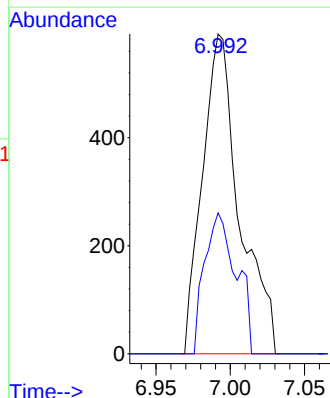
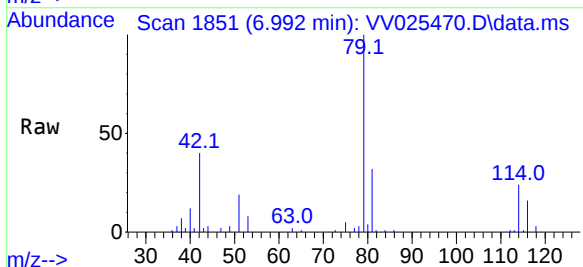
Acq: 12 Apr 2022 12:34

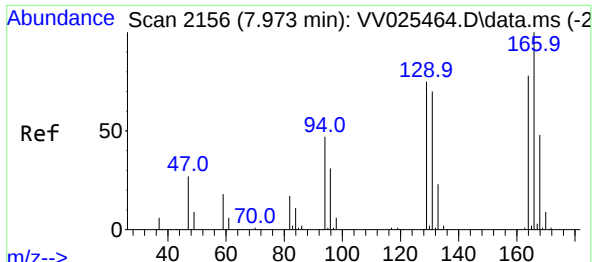
Tgt Ion: 75 Resp: 1026

Ion Ratio Lower Upper

75 100

77 44.1 21.8 40.6#



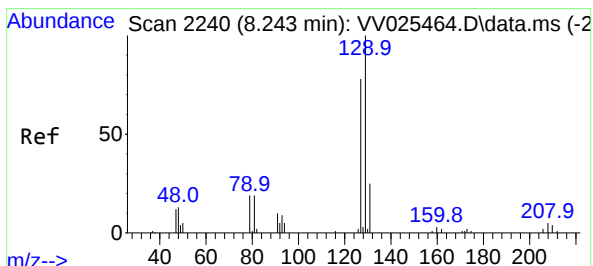
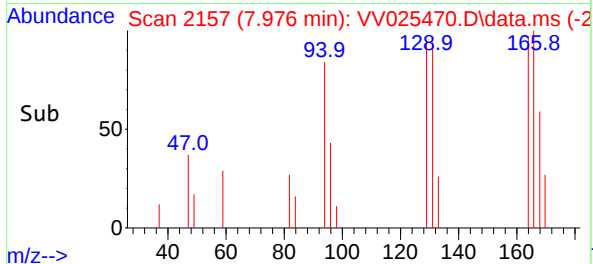
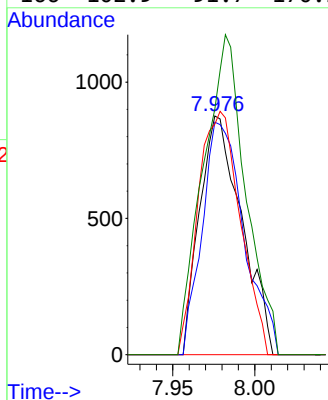
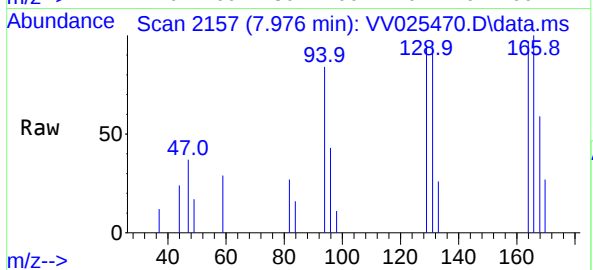


#47
Tetrachloroethene
Concen: 0.334 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025470.D
Acq: 12 Apr 2022 12:34

Instrument :
MSVOA_V
ClientSampleId :
VIBLK244

Tgt Ion:164 Resp: 1562

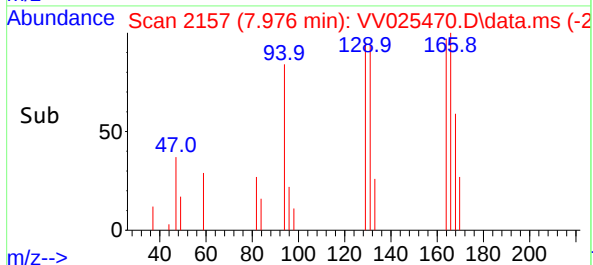
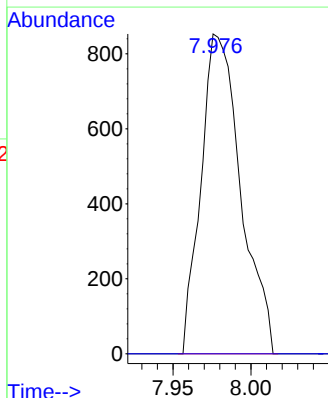
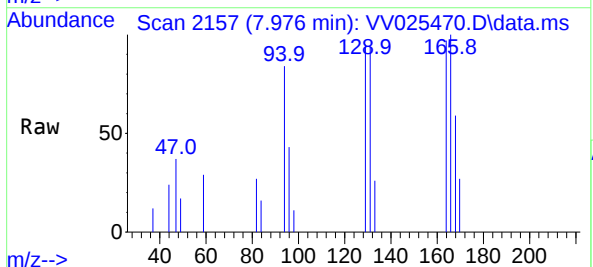
Ion	Ratio	Lower	Upper
164	100		
129	97.4	66.8	124.2
131	96.6	66.4	123.4
166	102.9	91.7	170.3

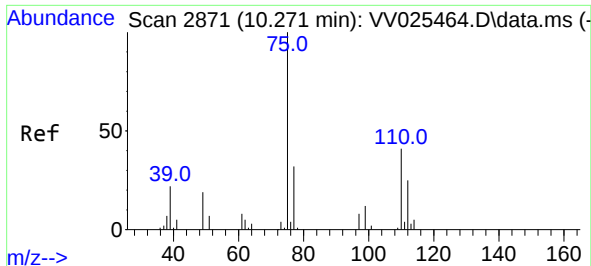


#49
Dibromochloromethane
Concen: 0.396 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV025470.D
Acq: 12 Apr 2022 12:34

Tgt Ion:129 Resp: 1515

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	100.0#





#61

1,2,3-Trichloropropane

Concen: 1.785 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV025470.D

Acq: 12 Apr 2022 12:34

Instrument :

MSVOA_V

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VIBLK244

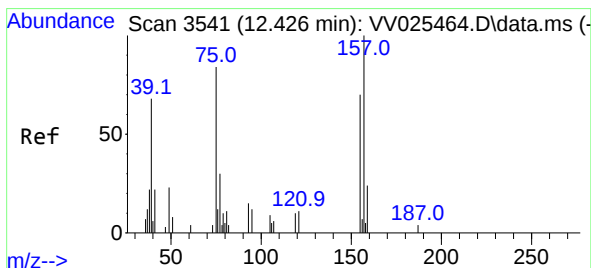
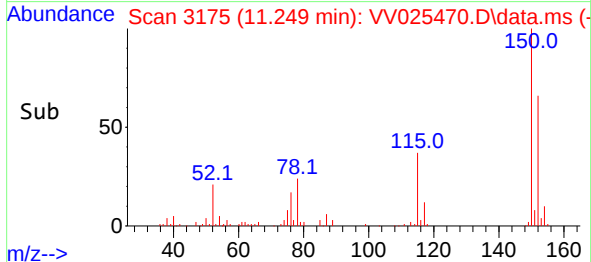
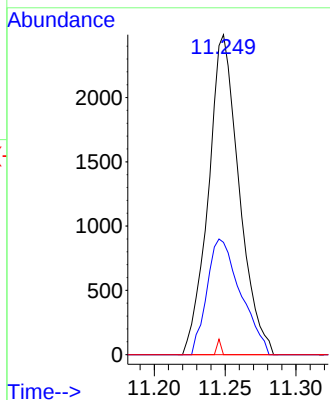
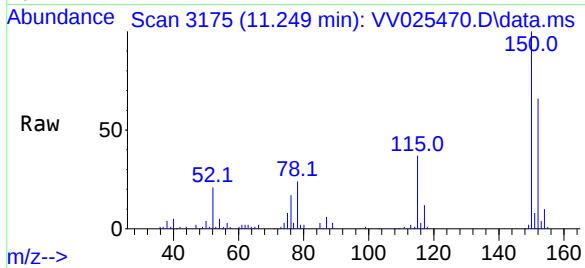
Tgt Ion: 75 Resp: 3757

Ion Ratio Lower Upper

75 100

77 39.5 25.6 38.4#

110 0.6 34.7 52.1#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.220 ug/L

RT: 12.246 min Scan# 3485

Delta R.T. -0.180 min

Lab File: VV025470.D

Acq: 12 Apr 2022 12:34

Tgt Ion: 75 Resp: 80

Ion Ratio Lower Upper

75 100

155 0.0 65.8 98.8#

157 0.0 86.6 130.0#

