

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041122\
 Data File : VW025445.D
 Acq On : 11 Apr 2022 13:15
 Operator : SY/MD
 Sample : N2319-06DL 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 12 07:05:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 12 07:03:45 2022
 Response via : Initial Calibration

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

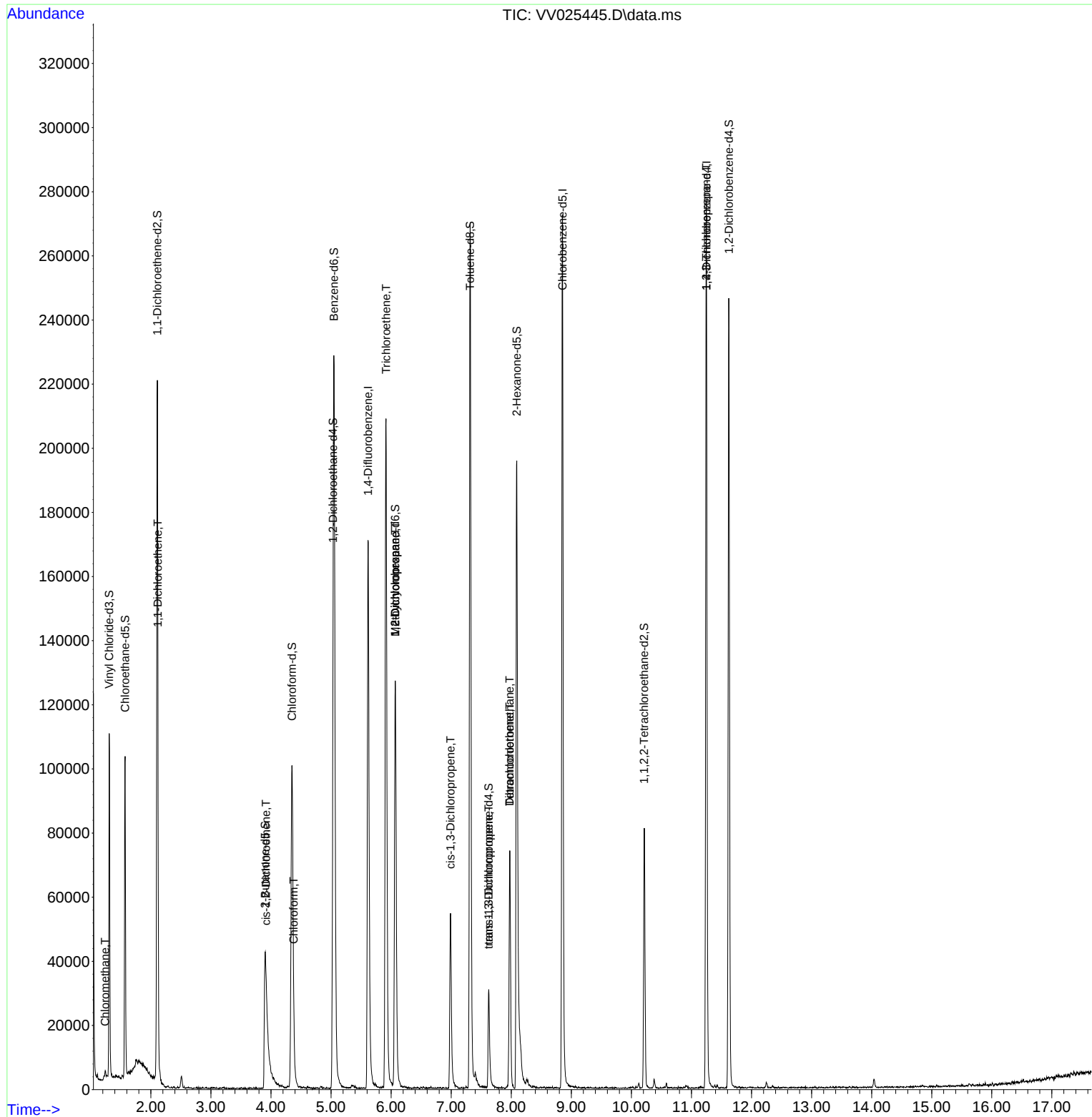
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	151764	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	151487	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72419	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	69923	4.956	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.200%
7) Chloroethane-d5	1.571	69	63856	4.254	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.108	63	116037	4.105	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	3.902	46	90136	52.518	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.040%
24) Chloroform-d	4.349	84	105885	4.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.034	65	49769	5.417	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.400%
32) Benzene-d6	5.050	84	212042	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.069	67	61655	5.044	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.317	98	184179	4.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	7.625	79	18038	4.390	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.091	63	70757	49.069	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.140%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38043	4.926	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	62259	5.128	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1214	0.081	ug/L	98
12) 1,1-Dichloroethene	2.117	96	4525	0.344	ug/L #	1
22) cis-1,2-Dichloroethene	3.915	96	546	0.047	ug/L	90
25) Chloroform	4.378	83	3834	0.194	ug/L	97
34) Trichloroethene	5.915	95	73724	6.205	ug/L	98
35) Methylcyclohexane	6.069	83	15687	0.827	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	6913	0.668	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1688	0.124	ug/L #	68
44) trans-1,3-Dichloropropene	7.622	75	828	0.079	ug/L #	81
47) Tetrachloroethene	7.976	164	15939	1.714	ug/L	96
49) Dibromochloromethane	7.976	129	15885	2.087	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	8805	1.846	ug/L #	62

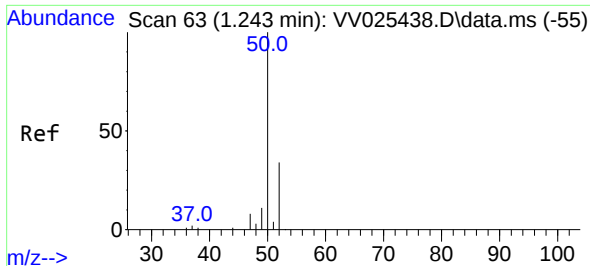
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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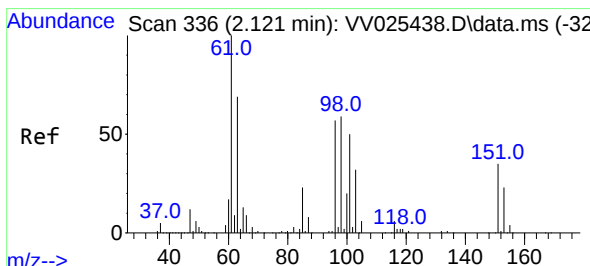
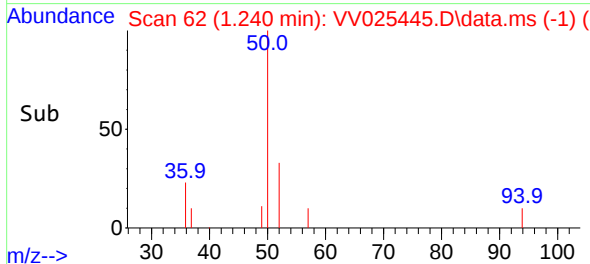
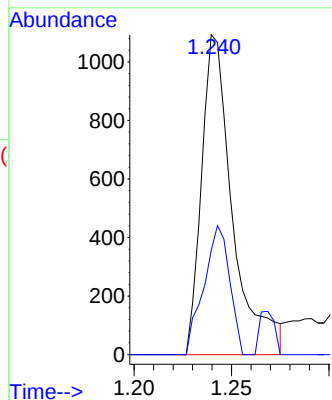
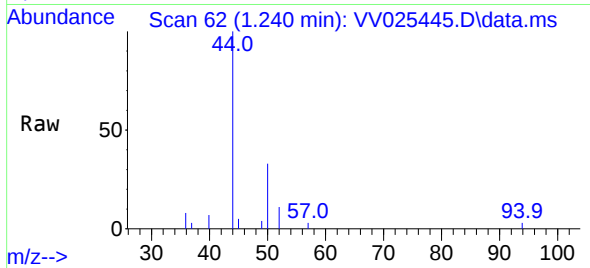




#3
Chloromethane
Concen: 0.081 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV025445.D
Acq: 11 Apr 2022 13:15

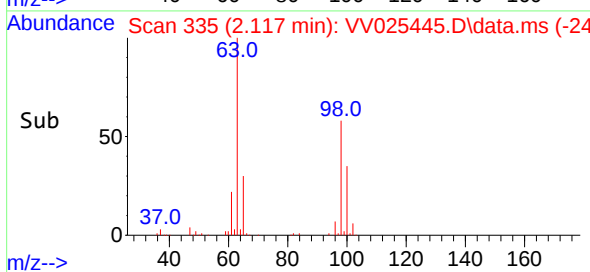
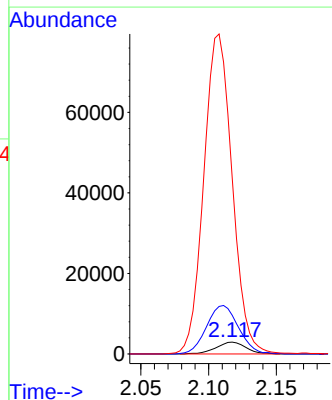
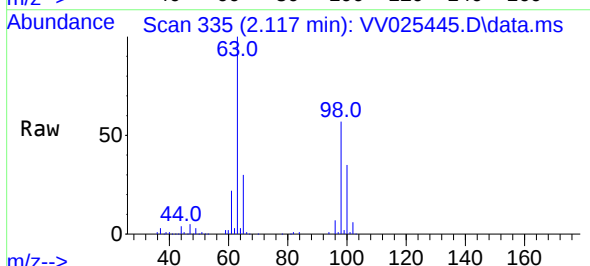
Instrument :
MSVOA_V
ClientSampleId :

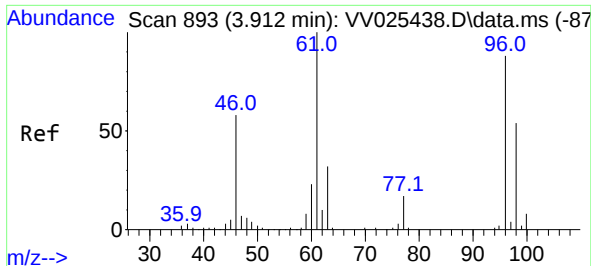
Tgt Ion: 50 Resp: 1214
Ion Ratio Lower Upper
50 100
52 32.6 23.7 43.9



#12
1,1-Dichloroethene
Concen: 0.344 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV025445.D
Acq: 11 Apr 2022 13:15

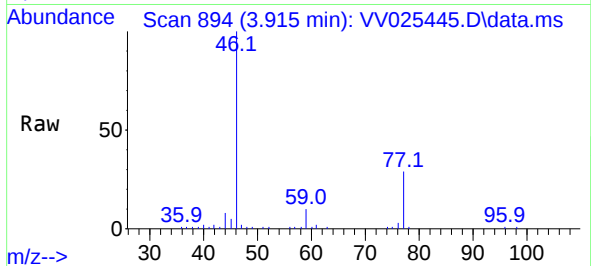
Tgt Ion: 96 Resp: 4525
Ion Ratio Lower Upper
96 100
61 324.8 125.2 232.4#
63 1480.0 114.4 212.4#



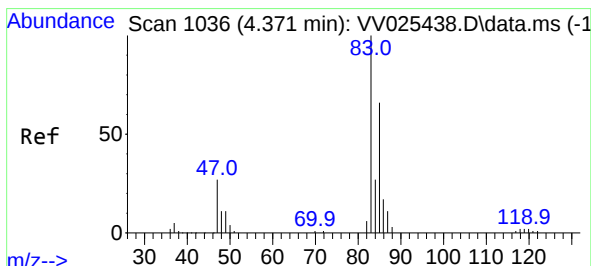
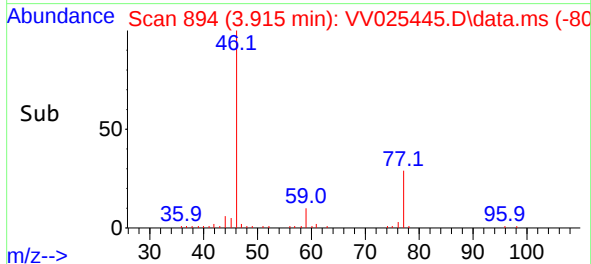
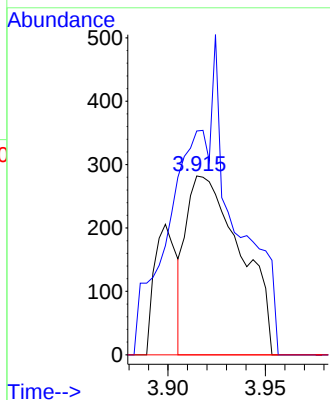


#22
 cis-1,2-Dichloroethene
 Concen: 0.047 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.003 min
 Lab File: VV025445.D
 Acq: 11 Apr 2022 13:15

Instrument :
 MSVOA_V
 ClientSampleId :

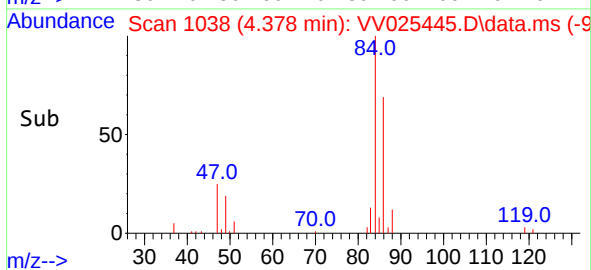
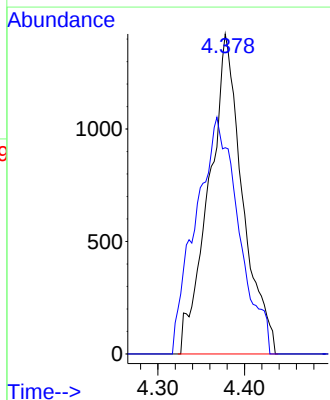
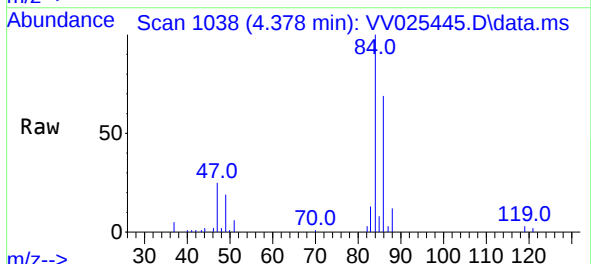


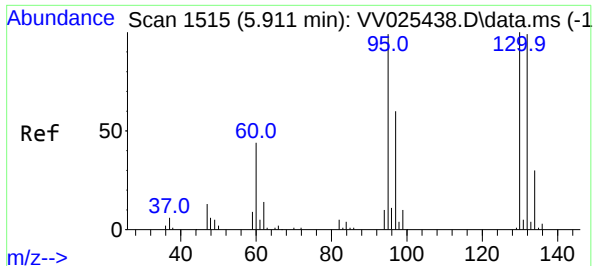
Tgt Ion: 96 Resp: 546
 Ion Ratio Lower Upper
 96 100
 61 125.2 80.0 148.6
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.194 ug/L
 RT: 4.378 min Scan# 1038
 Delta R.T. 0.006 min
 Lab File: VV025445.D
 Acq: 11 Apr 2022 13:15

Tgt Ion: 83 Resp: 3834
 Ion Ratio Lower Upper
 83 100
 85 64.4 43.5 80.7

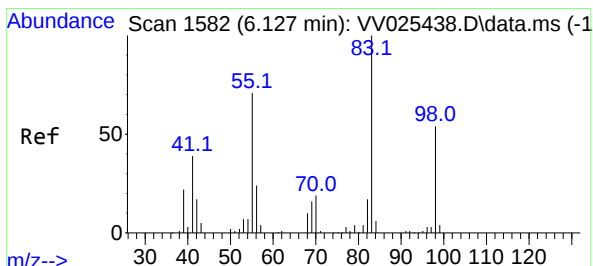
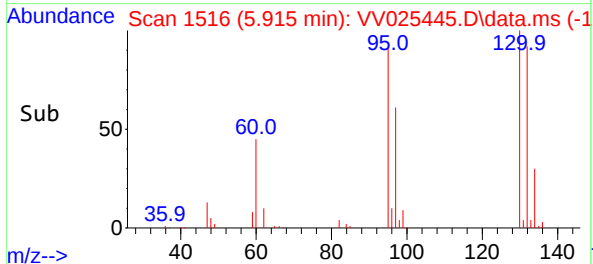
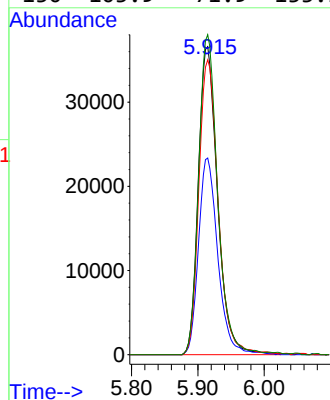
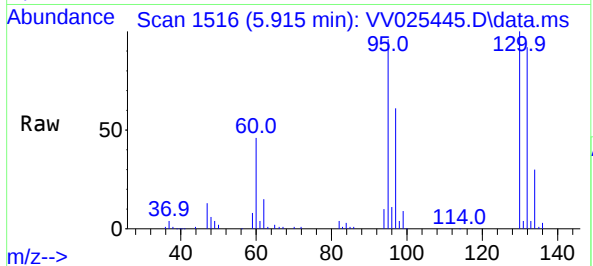




#34
Trichloroethene
Concen: 6.205 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV025445.D
Acq: 11 Apr 2022 13:15

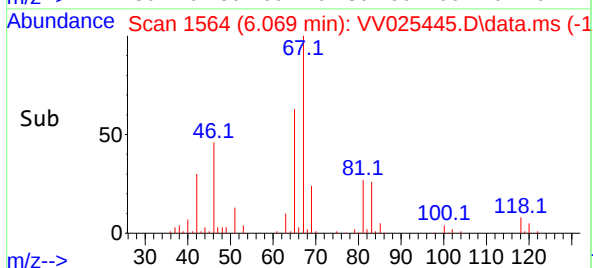
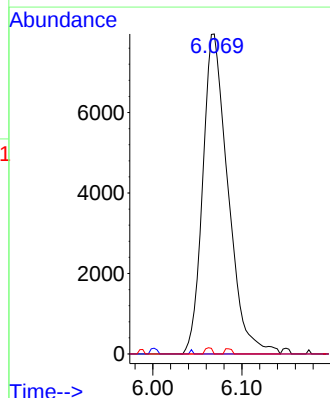
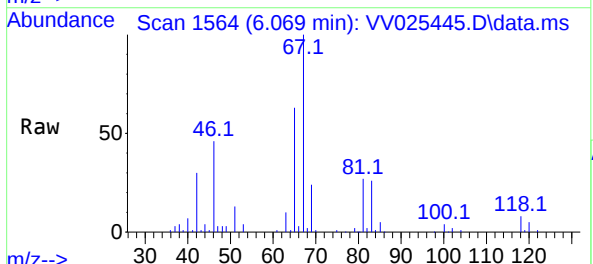
Instrument :
MSVOA_V
ClientSampleId :

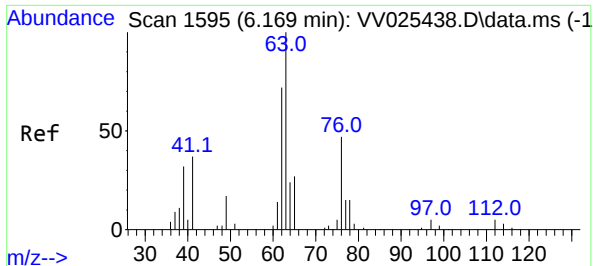
Tgt Ion: 95 Resp: 73724
Ion Ratio Lower Upper
95 100
97 63.9 45.8 85.2
132 95.8 68.0 126.4
130 103.9 71.9 133.5



#35
Methylcyclohexane
Concen: 0.827 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV025445.D
Acq: 11 Apr 2022 13:15

Tgt Ion: 83 Resp: 15687
Ion Ratio Lower Upper
83 100
55 0.1 53.7 80.5#
98 0.0 39.6 59.4#

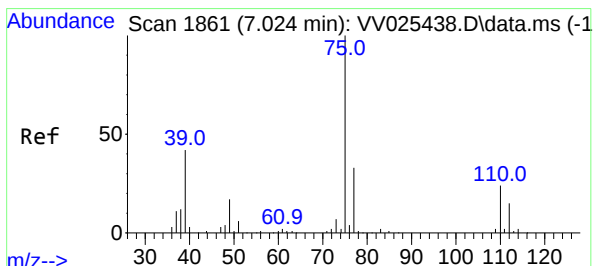
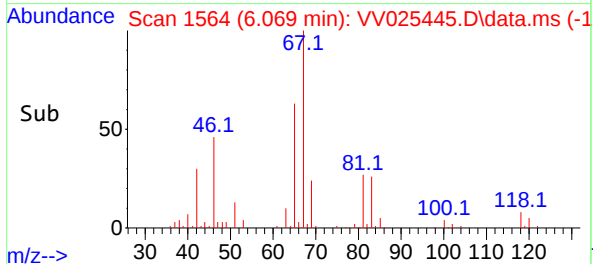
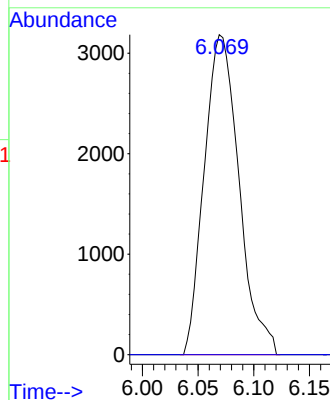
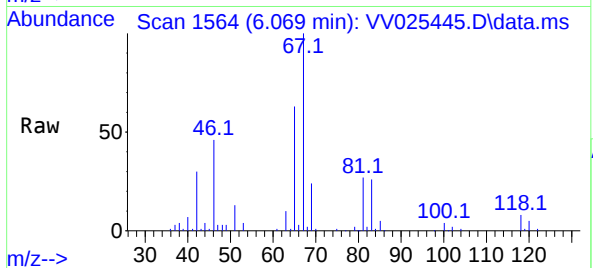




#37
1,2-Dichloropropane
Concen: 0.668 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV025445.D
Acq: 11 Apr 2022 13:15

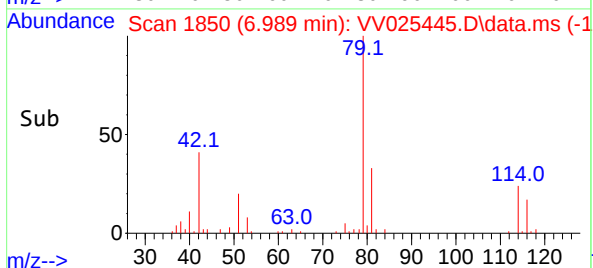
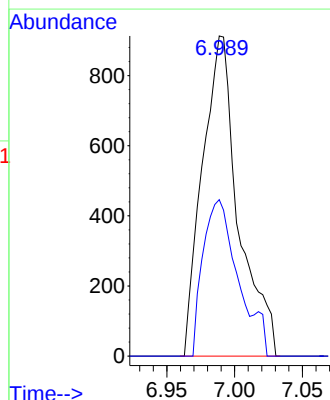
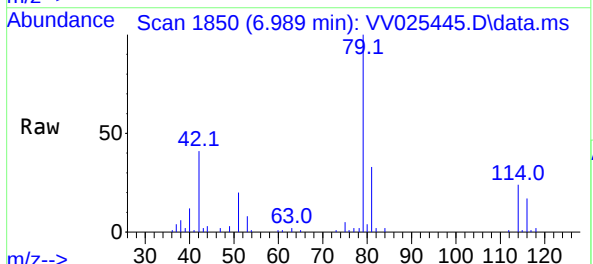
Instrument :
MSVOA_V
ClientSampleId :

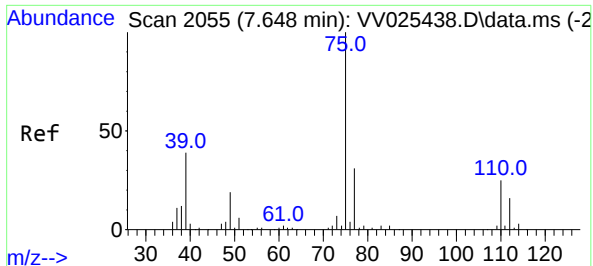
Tgt Ion: 63 Resp: 6913
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#39
cis-1,3-Dichloropropene
Concen: 0.124 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.035 min
Lab File: VV025445.D
Acq: 11 Apr 2022 13:15

Tgt Ion: 75 Resp: 1688
Ion Ratio Lower Upper
75 100
77 48.8 21.8 40.6#

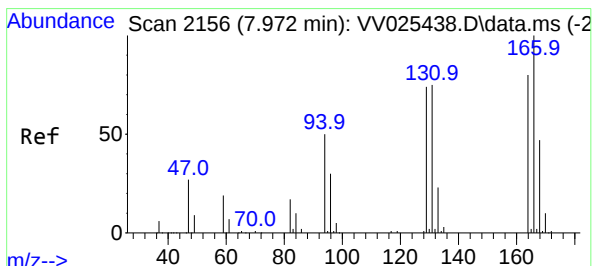
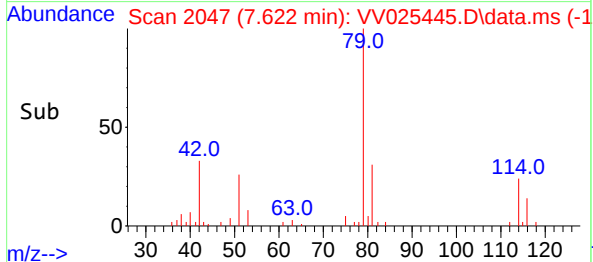
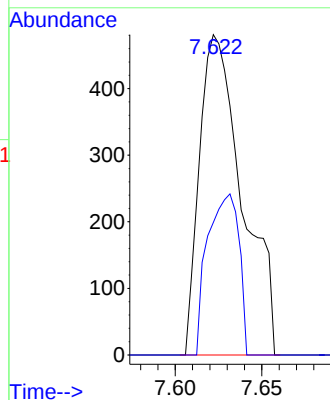
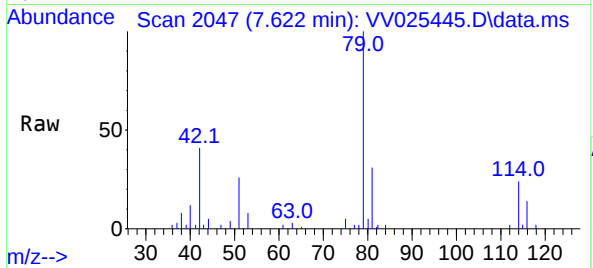




#44
trans-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 7.622 min Scan# 2055
Delta R.T. -0.026 min
Lab File: VV025445.D
Acq: 11 Apr 2022 13:15

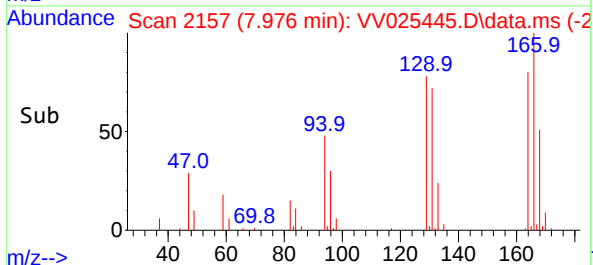
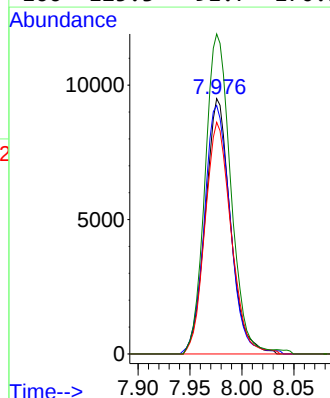
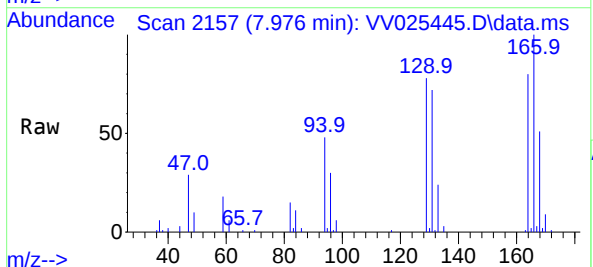
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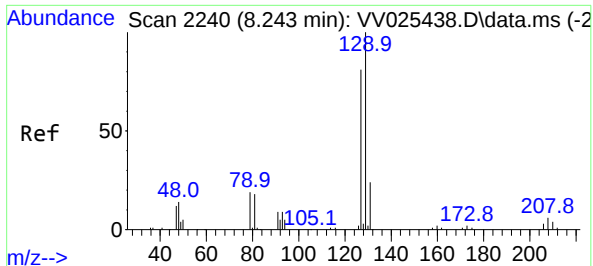
Tgt Ion: 75 Resp: 828
Ion Ratio Lower Upper
75 100
77 41.4 21.7 40.3#



#47
Tetrachloroethene
Concen: 1.714 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025445.D
Acq: 11 Apr 2022 13:15

Tgt Ion:164 Resp: 15939
Ion Ratio Lower Upper
164 100
129 97.3 66.8 124.2
131 90.8 66.4 123.4
166 125.3 91.7 170.3





#49

Dibromochloromethane

Concen: 2.087 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025445.D

Acq: 11 Apr 2022 13:15

Instrument :

MSVOA_V

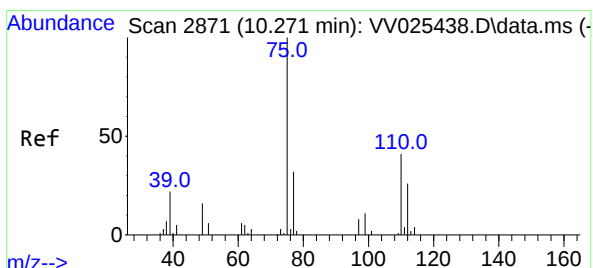
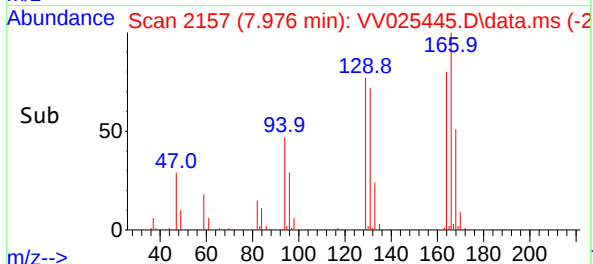
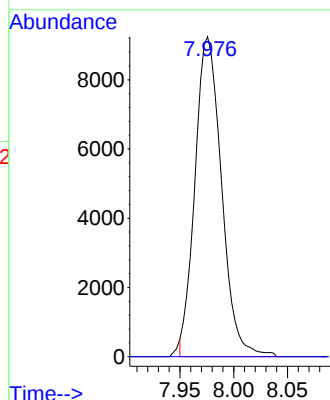
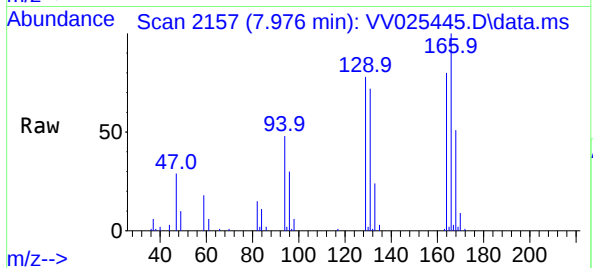
ClientSampleId :

Tgt Ion:129 Resp: 15885

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#61

1,2,3-Trichloropropane

Concen: 1.846 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025445.D

Acq: 11 Apr 2022 13:15

Tgt Ion: 75 Resp: 8805

Ion Ratio Lower Upper

75 100

77 34.5 25.6 38.4

110 3.0 34.7 52.1#

