

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111221\
 Data File : VV023433.D
 Acq On : 12 Nov 2021 10:43
 Operator : SY/MD
 Sample : M4580-06DL 40X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 00:11:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 04:43:24 2021
 Response via : Initial Calibration

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

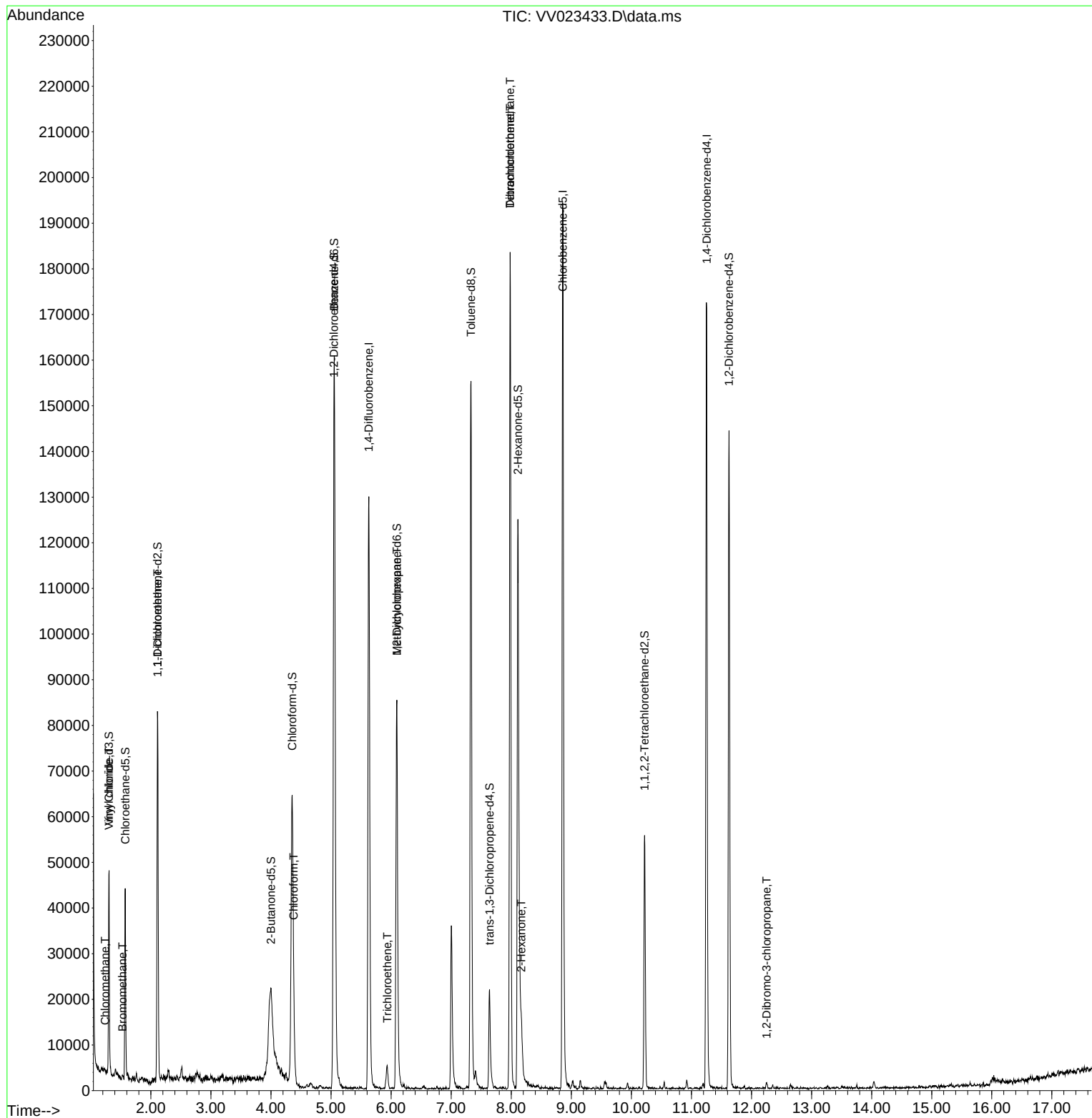
Internal Standards						
1) 1,4-Difluorobenzene	5.629	114	112353	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	110336	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	46238	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	26722	3.797	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.000%	
7) Chloroethane-d5	1.574	69	24233	4.224	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.400%	
11) 1,1-Dichloroethene-d2	2.111	63	41143	3.122	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	62.400%	
20) 2-Butanone-d5	4.002	46	60158	49.611	ug/L	0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.220%	
24) Chloroform-d	4.352	84	63836	4.256	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.200%	
26) 1,2-Dichloroethane-d4	5.047	65	33006	4.893	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.800%	
32) Benzene-d6	5.053	84	128405	4.536	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
36) 1,2-Dichloropropane-d6	6.095	67	39396	4.727	ug/L	0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.600%	
41) Toluene-d8	7.330	98	102361	3.858	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.200%	
43) trans-1,3-Dichloroprop...	7.638	79	13631	4.314	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.200%	
46) 2-Hexanone-d5	8.111	63	41644	35.818	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	71.640%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	25527	4.259	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	38401	4.988	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.800%	
Target Compounds						Qvalue
3) Chloromethane	1.237	50	613	0.066	ug/L	94
5) Vinyl chloride	1.304	62	539	0.058	ug/L #	1
6) Bromomethane	1.529	94	314	0.053	ug/L	74
12) 1,1-Dichloroethene	2.114	96	563	0.084	ug/L #	1
25) Chloroform	4.378	83	9059	0.611	ug/L	96
34) Trichloroethene	5.937	95	873	0.106	ug/L	85
35) Methylcyclohexane	6.095	83	10540	0.814	ug/L #	18
47) Tetrachloroethene	7.982	164	41817	5.884	ug/L	96
48) 2-Hexanone	8.169	43	6707	2.867	ug/L #	93
49) Dibromochloromethane	7.982	129	37269	5.686	ug/L #	10
68) 1,2-Dibromo-3-chloropr...	12.249	75	42	0.064	ug/L #	1

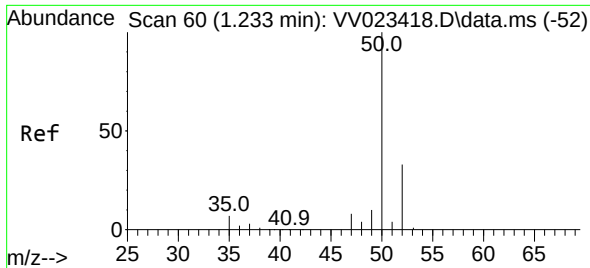
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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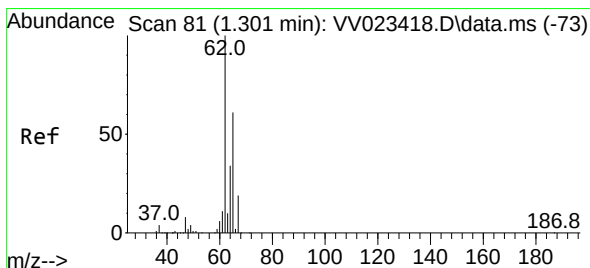
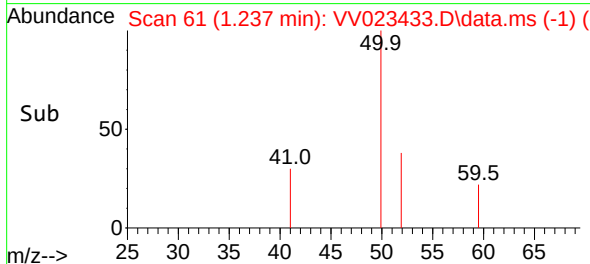
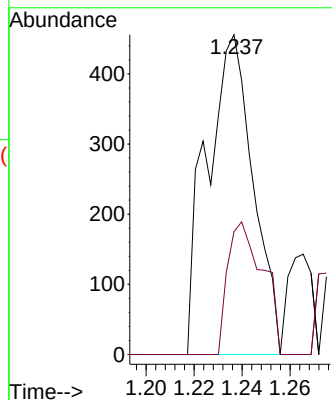
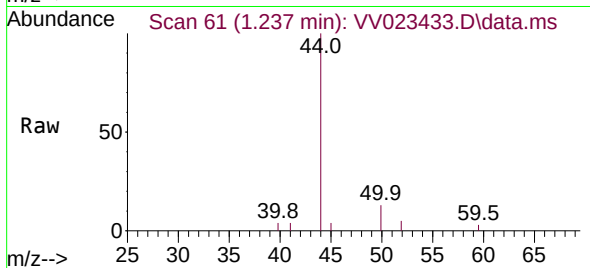




#3
Chloromethane
Concen: 0.066 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023433.D
Acq: 12 Nov 2021 10:43

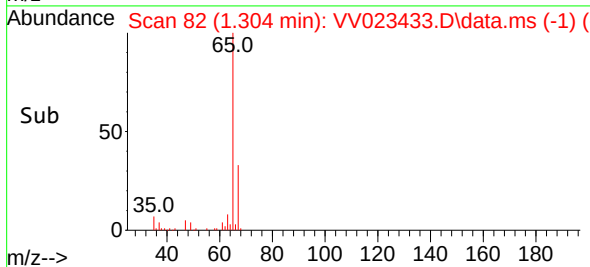
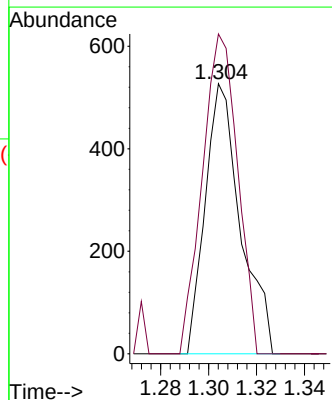
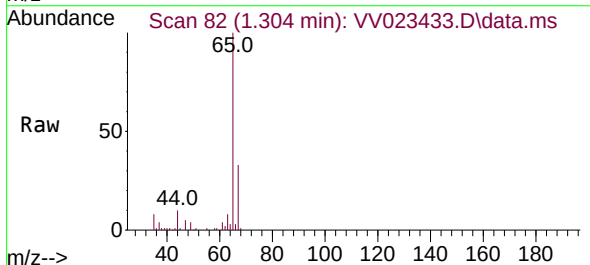
Instrument :
MSVOA_V
ClientSampleId :

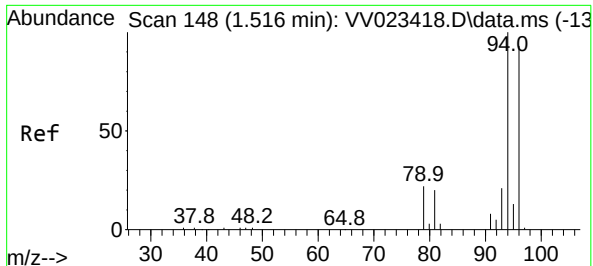
Tgt Ion: 50 Resp: 613
Ion Ratio Lower Upper
50 100
52 38.4 24.3 45.1



#5
Vinyl chloride
Concen: 0.058 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.003 min
Lab File: VV023433.D
Acq: 12 Nov 2021 10:43

Tgt Ion: 62 Resp: 539
Ion Ratio Lower Upper
62 100
64 118.4 23.1 42.9#

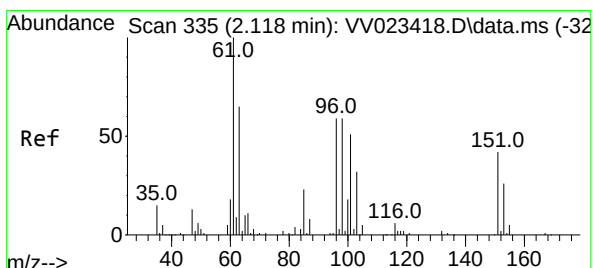
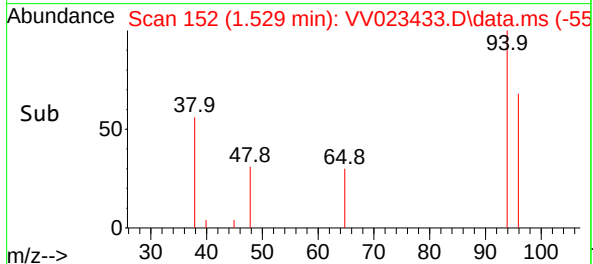
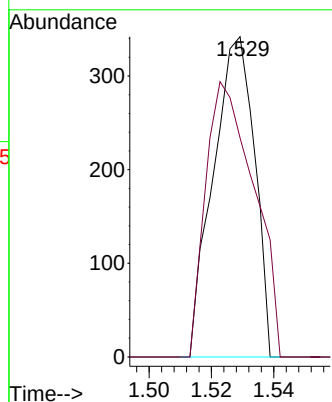
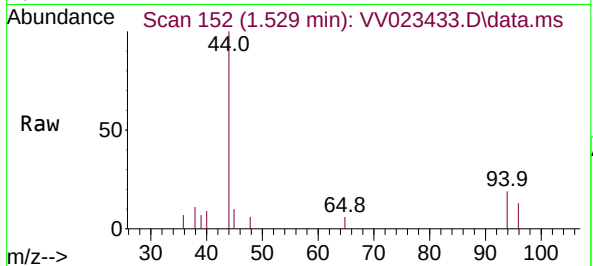




#6
Bromomethane
Concen: 0.053 ug/L
RT: 1.529 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV023433.D
Acq: 12 Nov 2021 10:43

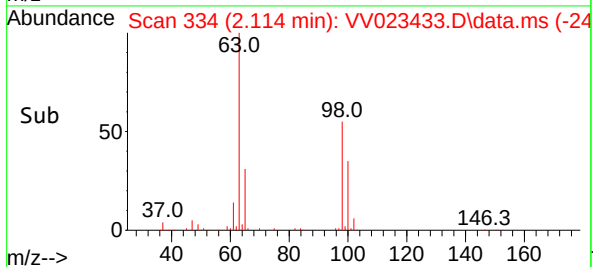
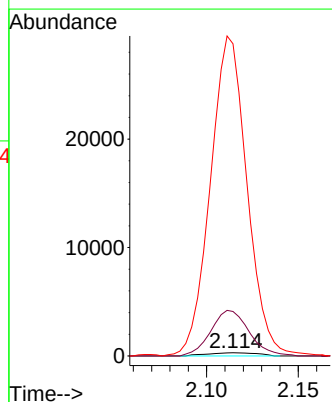
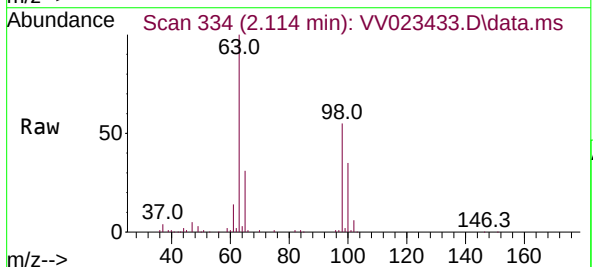
Instrument :
MSVOA_V
ClientSampleId :

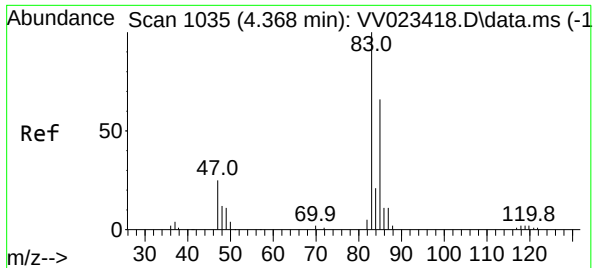
Tgt Ion: 94 Resp: 314
Ion Ratio Lower Upper
94 100
96 68.4 65.0 120.8



#12
1,1-Dichloroethene
Concen: 0.084 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV023433.D
Acq: 12 Nov 2021 10:43

Tgt Ion: 96 Resp: 563
Ion Ratio Lower Upper
96 100
61 1363.5 121.5 225.7#
63 9562.8 99.6 185.0#

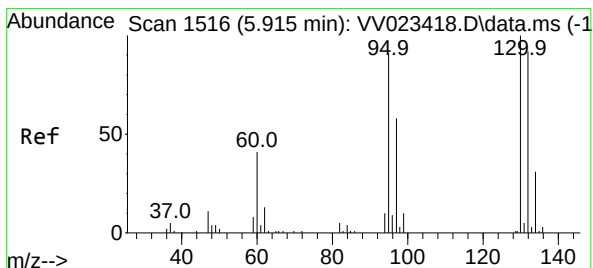
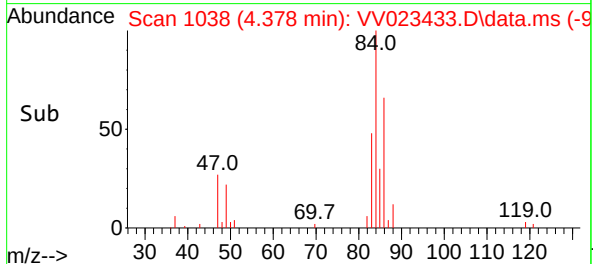
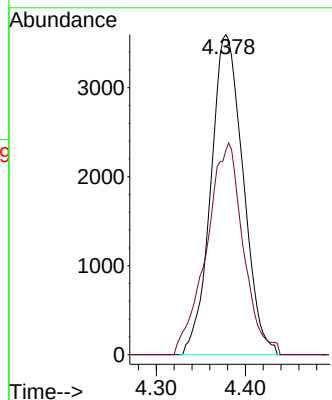
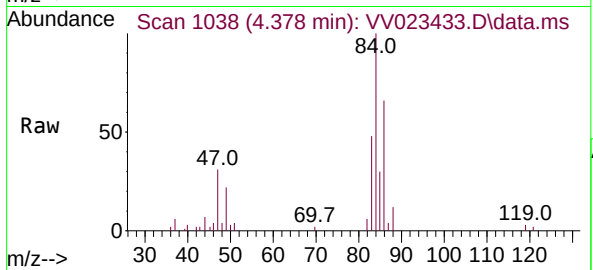




#25
Chloroform
Concen: 0.611 ug/L
RT: 4.378 min Scan# 1035
Delta R.T. 0.010 min
Lab File: VV023433.D
Acq: 12 Nov 2021 10:43

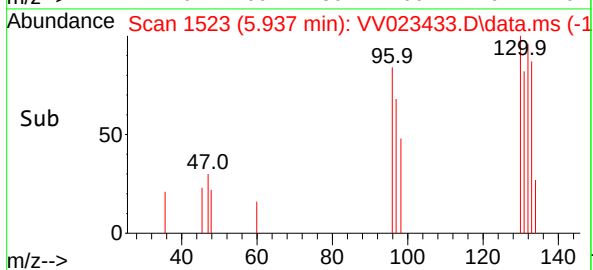
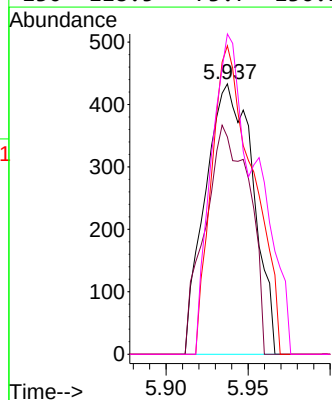
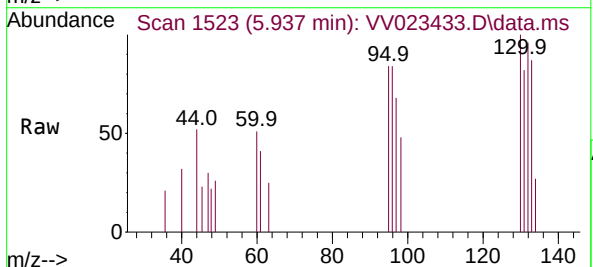
Instrument :
MSVOA_V
ClientSampleId :

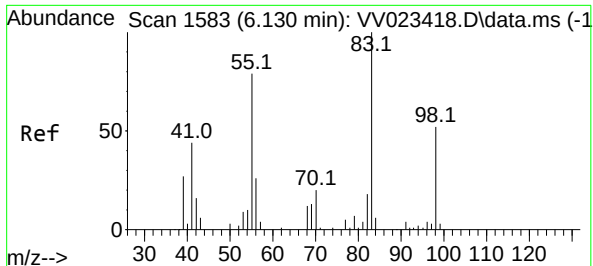
Tgt Ion: 83 Resp: 9059
Ion Ratio Lower Upper
83 100
85 63.8 46.8 86.8



#34
Trichloroethene
Concen: 0.106 ug/L
RT: 5.937 min Scan# 1523
Delta R.T. 0.023 min
Lab File: VV023433.D
Acq: 12 Nov 2021 10:43

Tgt Ion: 95 Resp: 873
Ion Ratio Lower Upper
95 100
97 80.4 45.0 83.6
132 114.1 69.7 129.4
130 118.5 73.7 136.9

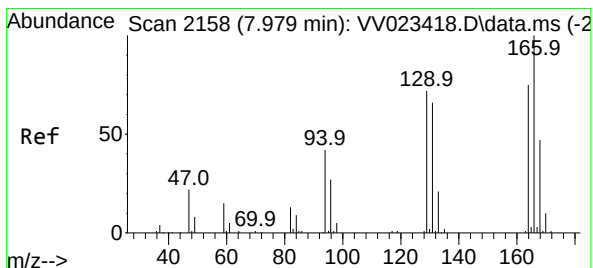
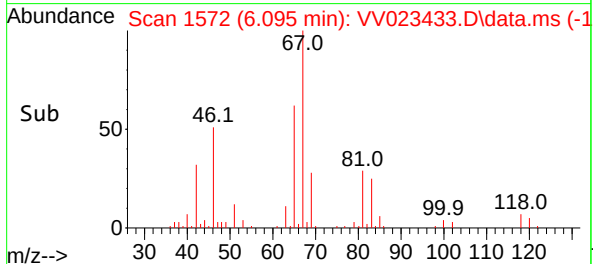
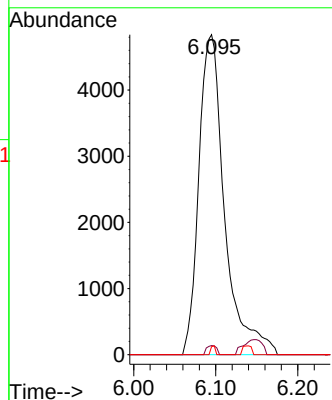
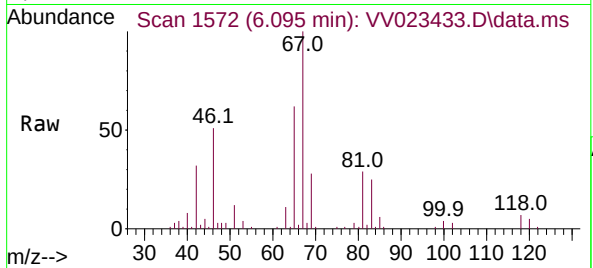




#35
Methylcyclohexane
Concen: 0.814 ug/L
RT: 6.095 min Scan# 11
Delta R.T. -0.035 min
Lab File: VV023433.D
Acq: 12 Nov 2021 10:43

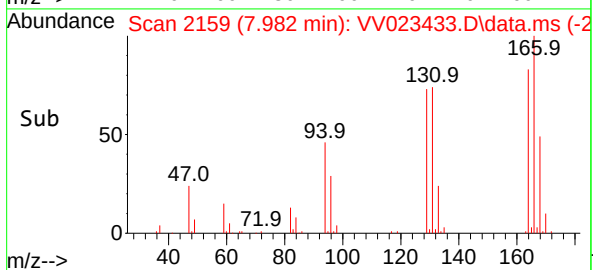
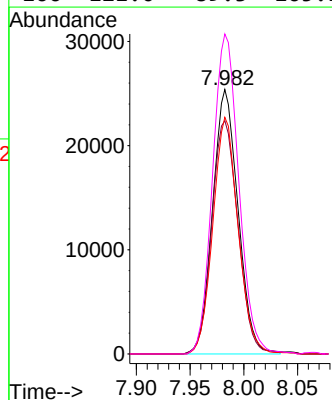
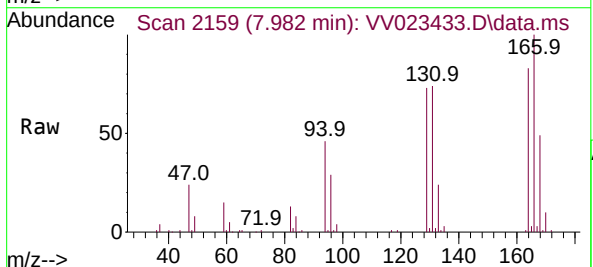
Instrument :
MSVOA_V
ClientSampleId :

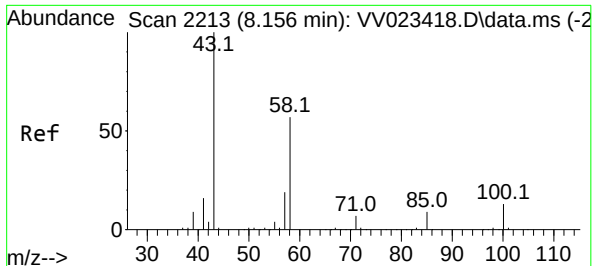
Tgt Ion: 83 Resp: 10540
Ion Ratio Lower Upper
83 100
55 1.1 62.8 94.2#
98 0.5 37.9 56.9#



#47
Tetrachloroethene
Concen: 5.884 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.003 min
Lab File: VV023433.D
Acq: 12 Nov 2021 10:43

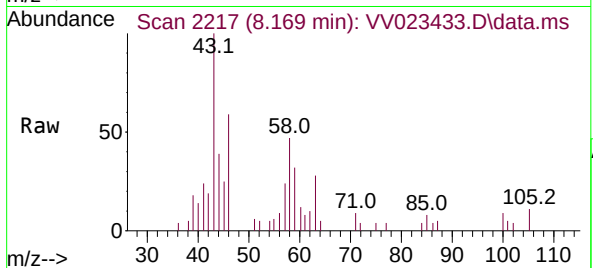
Tgt Ion: 164 Resp: 41817
Ion Ratio Lower Upper
164 100
129 88.2 64.0 119.0
131 89.4 63.4 117.8
166 121.0 89.3 165.9



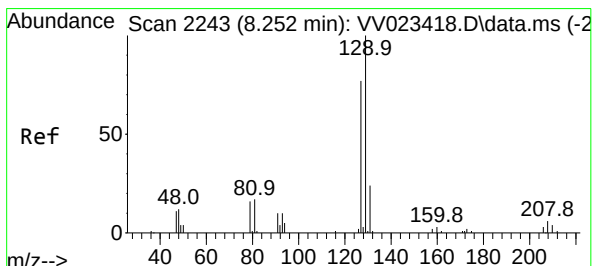
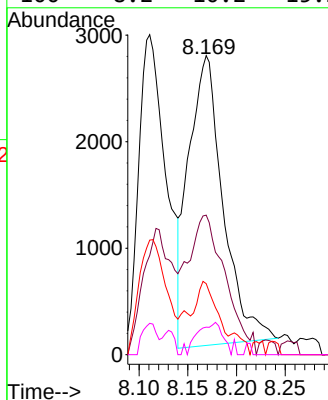
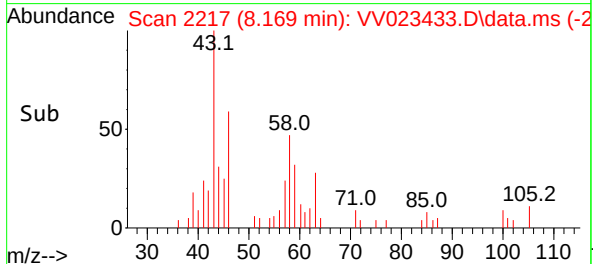


#48
2-Hexanone
Concen: 2.867 ug/L
RT: 8.169 min Scan# 2159
Delta R.T. 0.013 min
Lab File: VV023433.D
Acq: 12 Nov 2021 10:43

Instrument :
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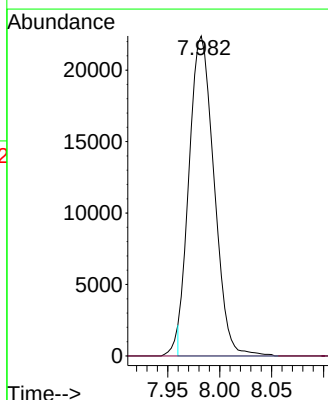
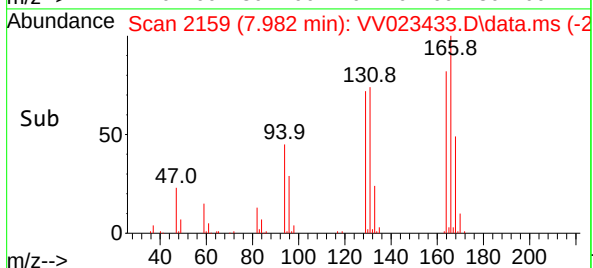
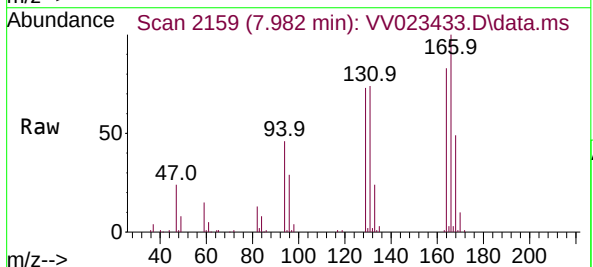


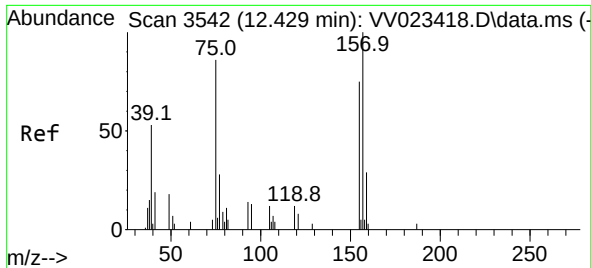
Tgt Ion: 43 Resp: 6707
Ion Ratio Lower Upper
43 100
58 52.8 43.7 65.5
57 10.7 14.1 21.1#
100 8.2 10.2 15.2#



#49
Dibromochloromethane
Concen: 5.686 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. -0.270 min
Lab File: VV023433.D
Acq: 12 Nov 2021 10:43

Tgt Ion: 129 Resp: 37269
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.064 ug/L

RT: 12.249 min Scan# 34

Delta R.T. -0.180 min

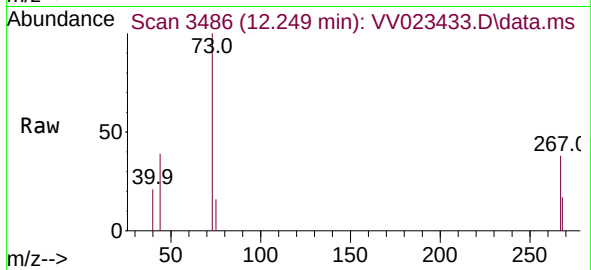
Lab File: VV023433.D

Acq: 12 Nov 2021 10:43

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 42

Ion Ratio Lower Upper

75 100

155 0.0 67.7 101.5#

157 0.0 87.9 131.9#

