

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081222\
 Data File : VV027346.D
 Acq On : 12 Aug 2022 23:20
 Operator : SY/MD
 Sample : N4133-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 13 04:18:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 02:46:03 2022
 Response via : Initial Calibration

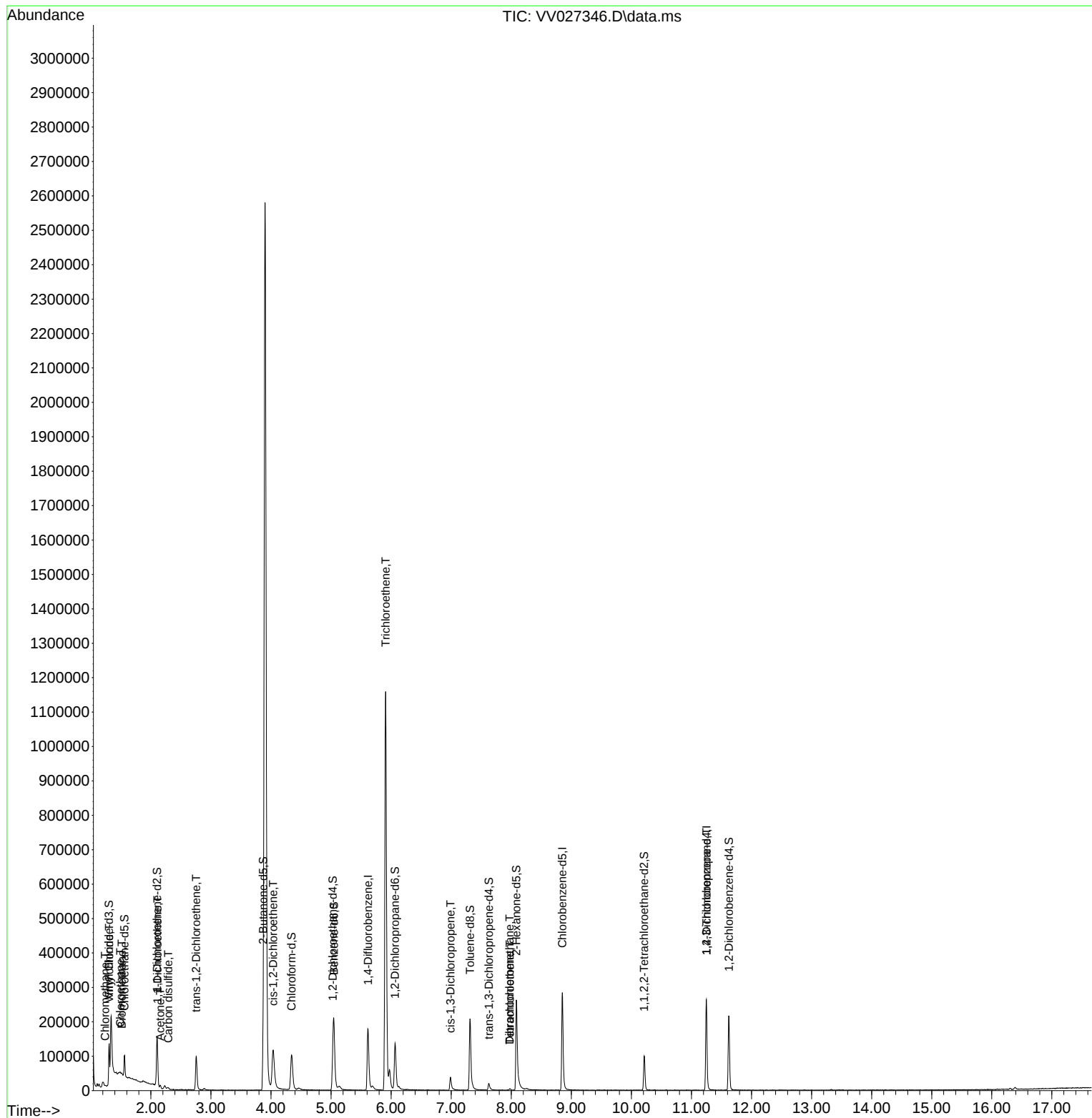
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	149828	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	158690	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67543	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	54282	4.170	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.400%	
7) Chloroethane-d5	1.561	69	40397	4.273	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.400%	
11) 1,1-Dichloroethene-d2	2.101	63	72593	3.075	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	61.600%	
20) 2-Butanone-d5	3.870	46	130766	59.317	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	118.640%	
24) Chloroform-d	4.342	84	106600	4.465	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.400%	
26) 1,2-Dichloroethane-d4	5.027	65	49953	4.392	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.800%	
32) Benzene-d6	5.047	84	182452	3.898	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.000%	
36) 1,2-Dichloropropane-d6	6.066	67	67786	4.683	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.600%	
41) Toluene-d8	7.313	98	147969	3.453	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	69.000%#	
43) trans-1,3-Dichloroprop...	7.628	79	12834	2.560	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	51.200%#	
46) 2-Hexanone-d5	8.085	63	86834	44.754	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.500%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	47993	4.583	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	55692	4.777	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	693	0.039	ug/L #	41
5) Vinyl chloride	1.307	62	33346	2.007	ug/L #	71
6) Bromomethane	1.516	94	428	0.055	ug/L #	40
8) Chloroethane	1.490	64	10204	1.105	ug/L #	51
12) 1,1-Dichloroethene	2.111	96	12719	1.179	ug/L #	11
13) Acetone	2.156	43	9510	5.838	ug/L	89
14) Carbon disulfide	2.291	76	4685	0.108	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	36251	2.732	ug/L	97
22) cis-1,2-Dichloroethene	4.037	96	74138	5.681	ug/L	98
34) Trichloroethene	5.908	95	399139	29.565	ug/L	99
39) cis-1,3-Dichloropropene	6.989	75	1190	0.073	ug/L #	55
47) Tetrachloroethene	7.979	164	876	0.083	ug/L	85
49) Dibromochloromethane	7.976	129	847	0.076	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	8674	1.333	ug/L #	67

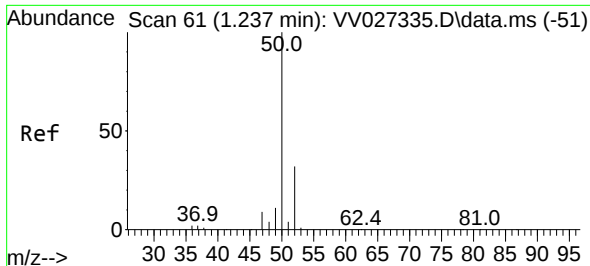
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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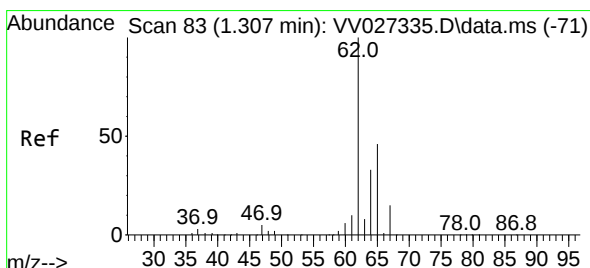
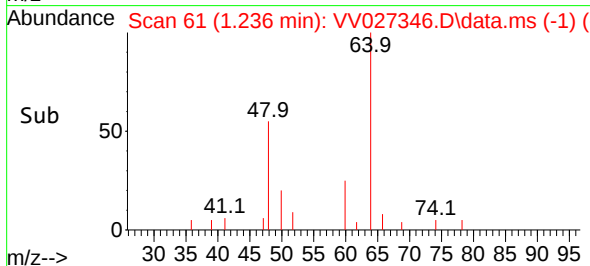
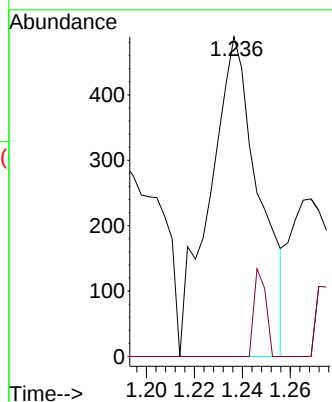
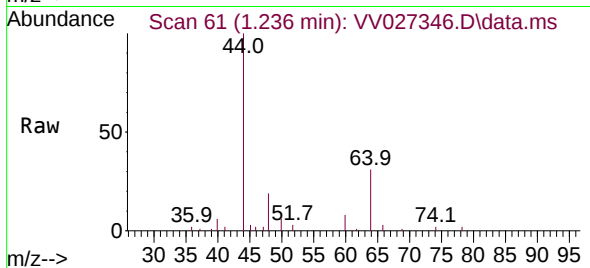




#3
Chloromethane
Concen: 0.039 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027346.D
Acq: 12 Aug 2022 23:20

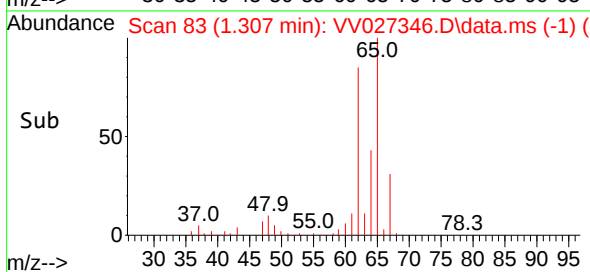
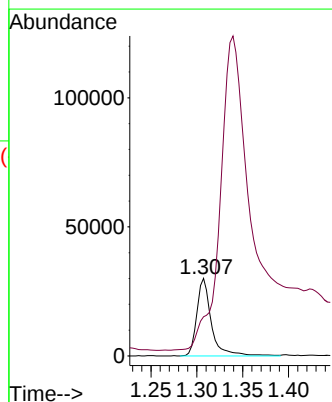
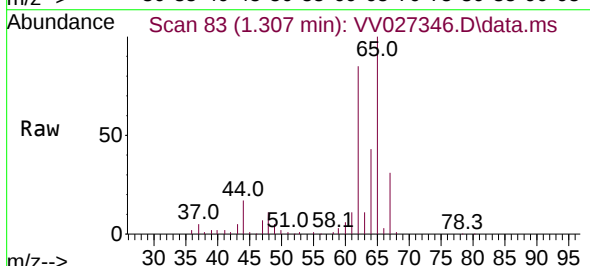
Instrument :
MSVOA_V
ClientSampleId :

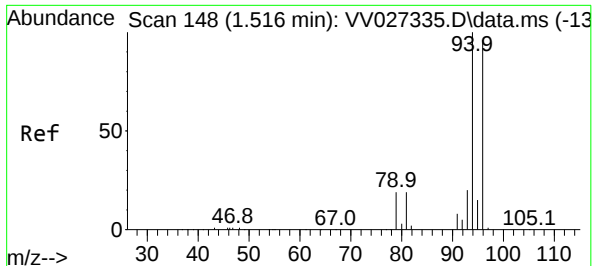
Tgt Ion: 50 Resp: 693
Ion Ratio Lower Upper
50 100
52 0.0 23.4 43.4#



#5
Vinyl chloride
Concen: 2.007 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.000 min
Lab File: VV027346.D
Acq: 12 Aug 2022 23:20

Tgt Ion: 62 Resp: 33346
Ion Ratio Lower Upper
62 100
64 50.5 23.7 44.1#

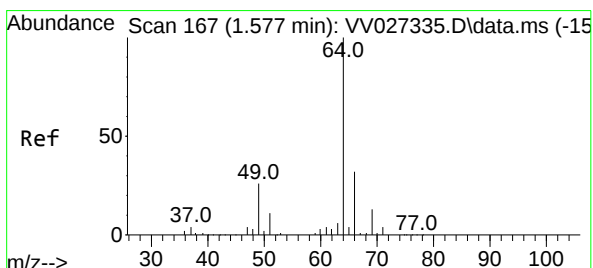
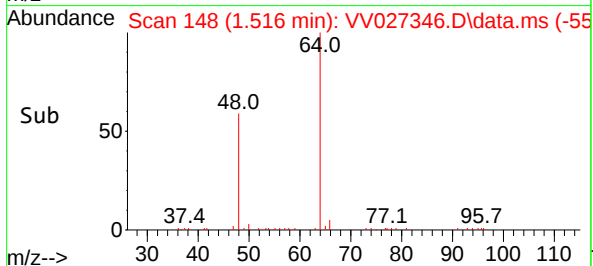
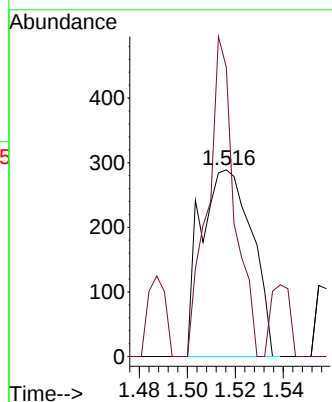
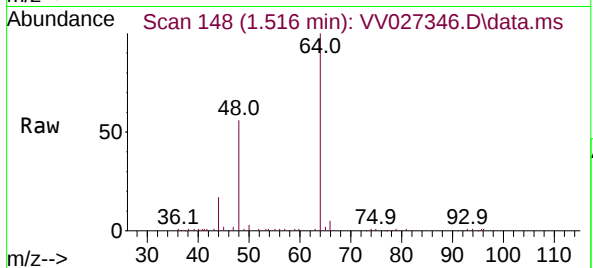




#6
Bromomethane
Concen: 0.055 ug/L
RT: 1.516 min Scan# 148
Delta R.T. -0.000 min
Lab File: VV027346.D
Acq: 12 Aug 2022 23:20

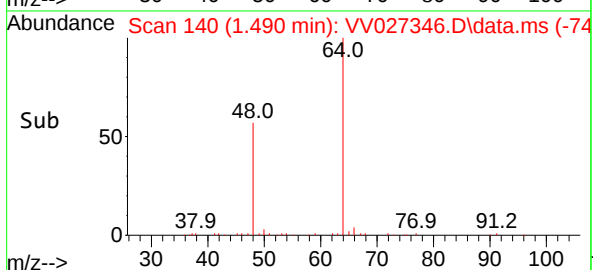
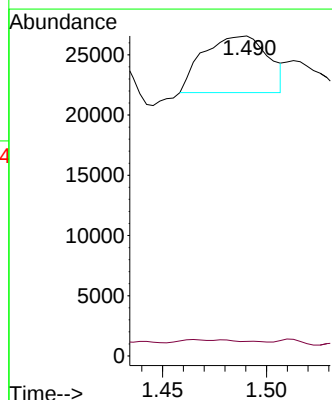
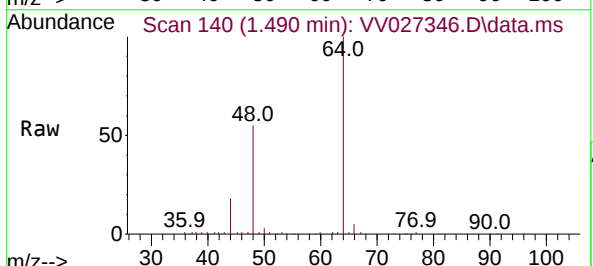
Instrument :
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ClientSampleId :

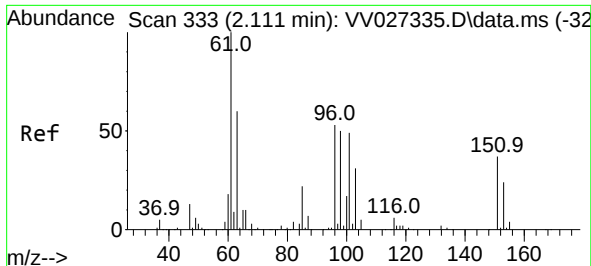
Tgt Ion: 94 Resp: 428
Ion Ratio Lower Upper
94 100
96 155.0 67.2 124.8#



#8
Chloroethane
Concen: 1.105 ug/L
RT: 1.490 min Scan# 140
Delta R.T. -0.087 min
Lab File: VV027346.D
Acq: 12 Aug 2022 23:20

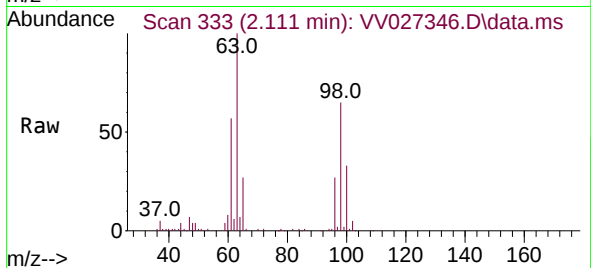
Tgt Ion: 64 Resp: 10204
Ion Ratio Lower Upper
64 100
66 4.5 22.3 41.5#



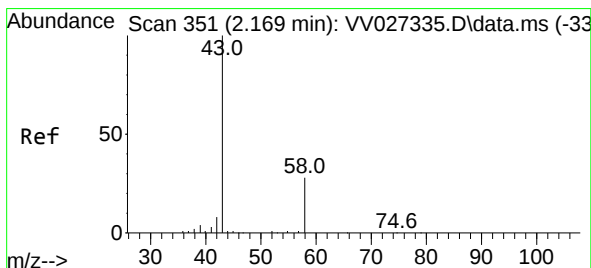
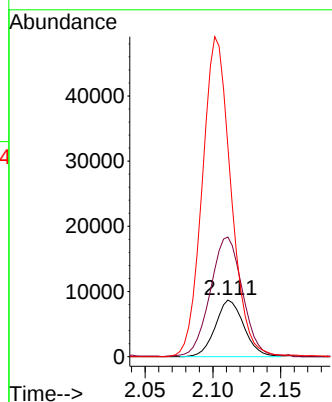
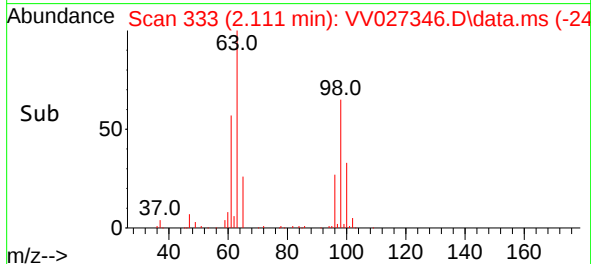


#12
1,1-Dichloroethene
Concen: 1.179 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV027346.D
Acq: 12 Aug 2022 23:20

Instrument :
MSVOA_V
ClientSampleId :

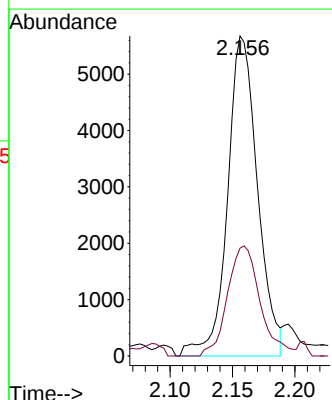
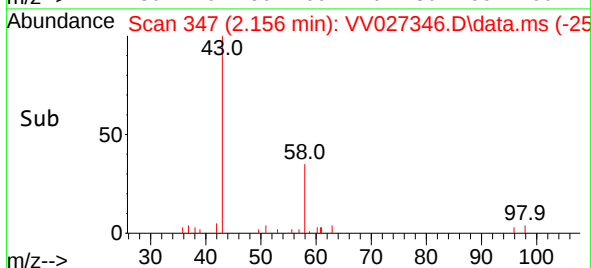
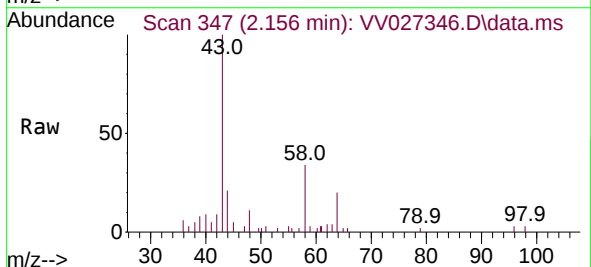


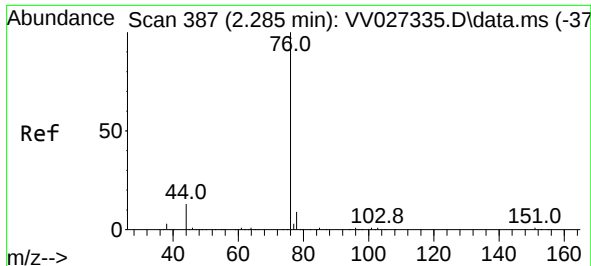
Tgt Ion: 96 Resp: 12719
Ion Ratio Lower Upper
96 100
61 211.2 130.7 242.7
63 370.8 101.4 188.2#



#13
Acetone
Concen: 5.838 ug/L
RT: 2.156 min Scan# 347
Delta R.T. -0.013 min
Lab File: VV027346.D
Acq: 12 Aug 2022 23:20

Tgt Ion: 43 Resp: 9510
Ion Ratio Lower Upper
43 100
58 37.5 0.0 63.2

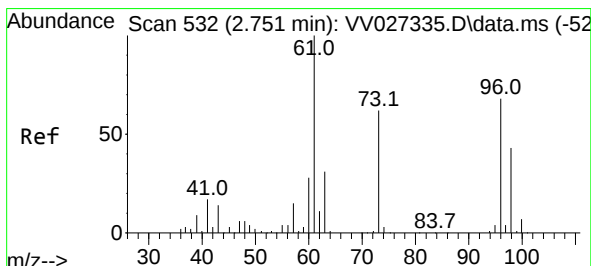
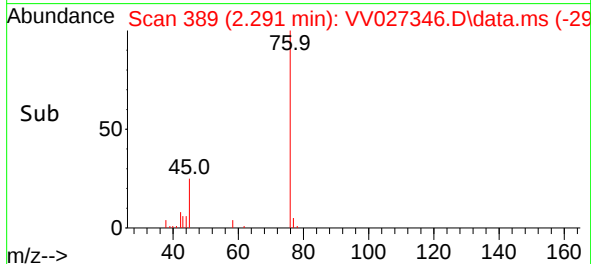
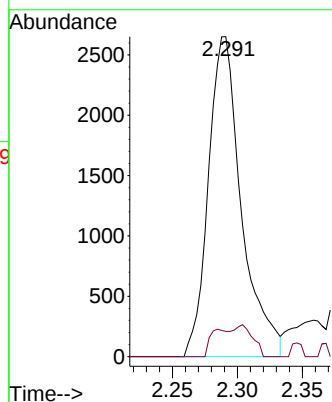
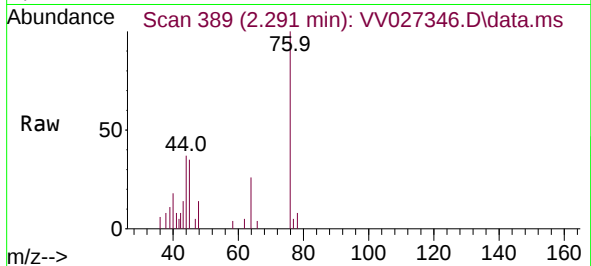




#14
Carbon disulfide
Concen: 0.108 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.006 min
Lab File: VV027346.D
Acq: 12 Aug 2022 23:20

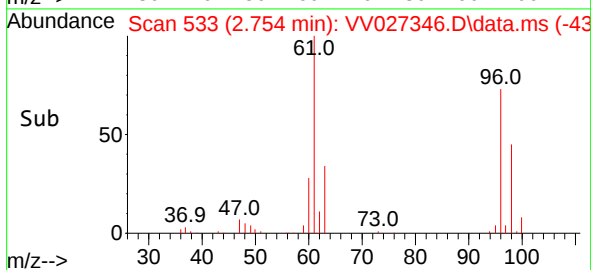
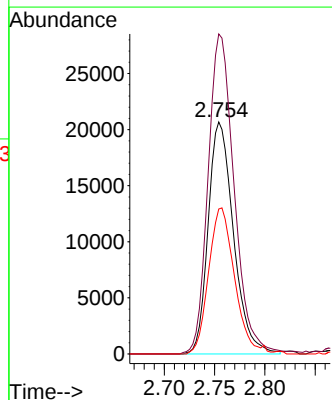
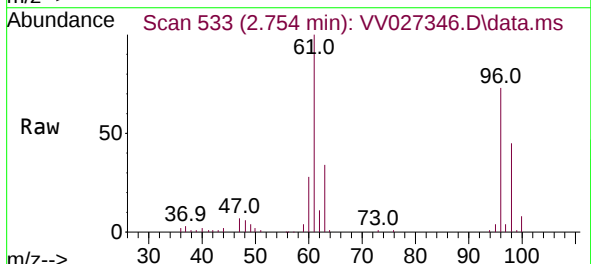
Instrument :
MSVOA_V
ClientSampleId :

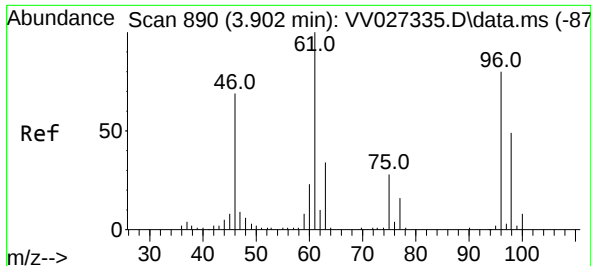
Tgt Ion: 76 Resp: 4685
Ion Ratio Lower Upper
76 100
78 7.9 7.2 10.8



#18
trans-1,2-Dichloroethene
Concen: 2.732 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV027346.D
Acq: 12 Aug 2022 23:20

Tgt Ion: 96 Resp: 36251
Ion Ratio Lower Upper
96 100
61 137.9 99.6 185.0
98 62.5 45.1 83.7

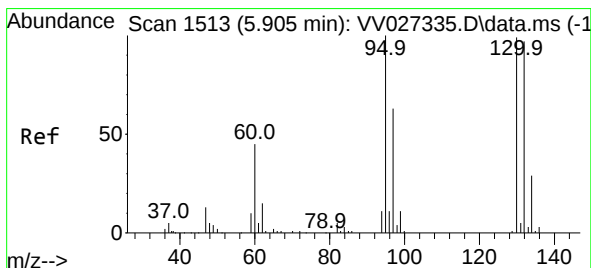
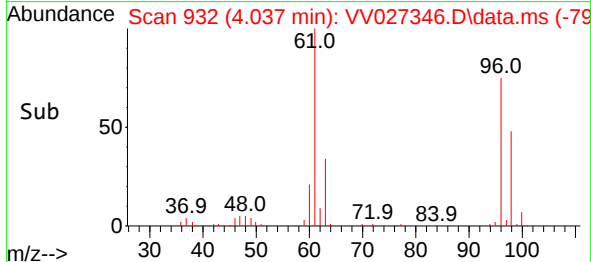
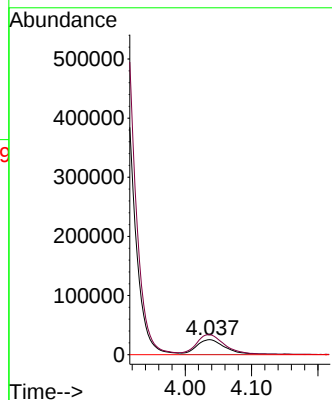
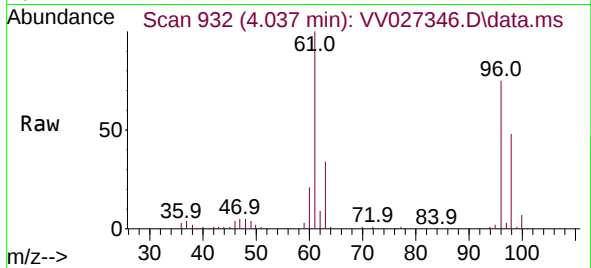




#22
 cis-1,2-Dichloroethene
 Concen: 5.681 ug/L
 RT: 4.037 min Scan# 91
 Delta R.T. 0.135 min
 Lab File: VV027346.D
 Acq: 12 Aug 2022 23:20

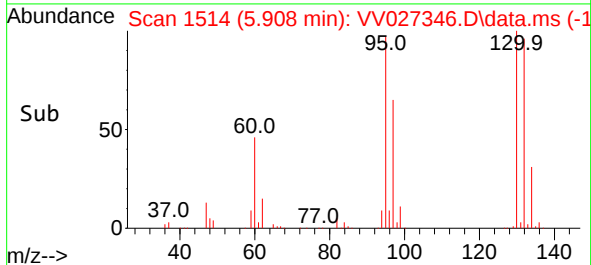
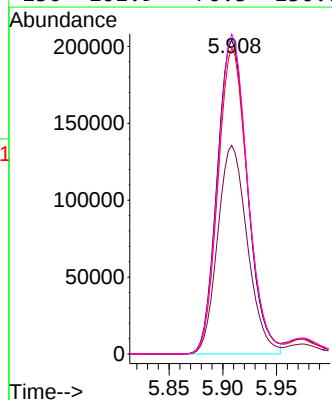
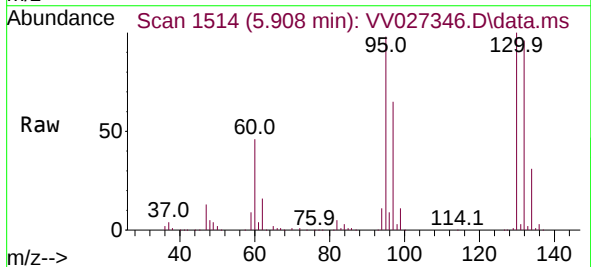
Instrument :
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 ClientSampleId :

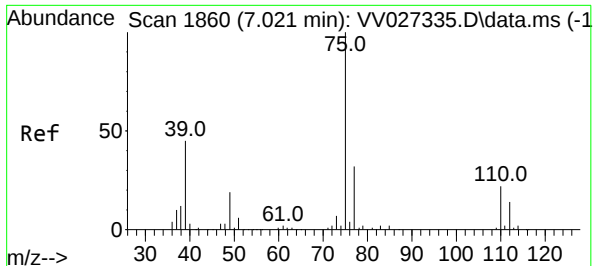
Tgt Ion: 96 Resp: 74138
 Ion Ratio Lower Upper
 96 100
 61 132.6 91.3 169.5
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 29.565 ug/L
 RT: 5.908 min Scan# 1514
 Delta R.T. 0.003 min
 Lab File: VV027346.D
 Acq: 12 Aug 2022 23:20

Tgt Ion: 95 Resp: 399139
 Ion Ratio Lower Upper
 95 100
 97 66.5 45.5 84.5
 132 97.6 68.2 126.6
 130 101.9 70.3 130.7





#39

cis-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV027346.D

Acq: 12 Aug 2022 23:20

Instrument :

MSVOA_V

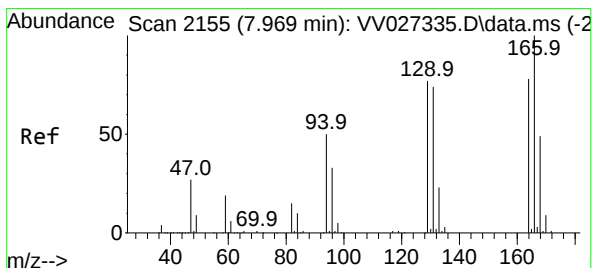
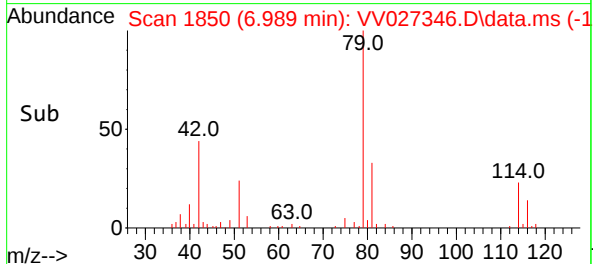
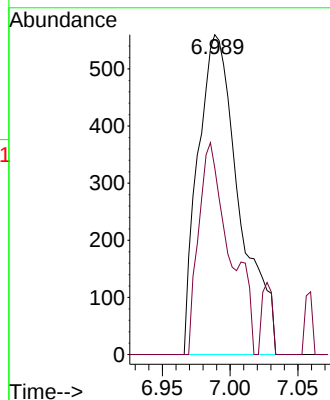
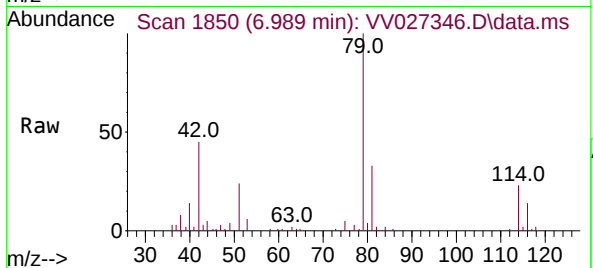
ClientSampleId :

Tgt Ion: 75 Resp: 1190

Ion Ratio Lower Upper

75 100

77 58.4 23.2 43.0#



#47

Tetrachloroethene

Concen: 0.083 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.010 min

Lab File: VV027346.D

Acq: 12 Aug 2022 23:20

Tgt Ion: 164 Resp: 876

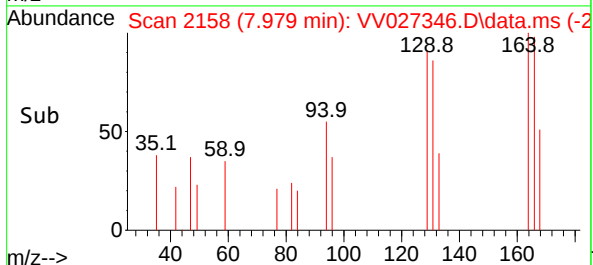
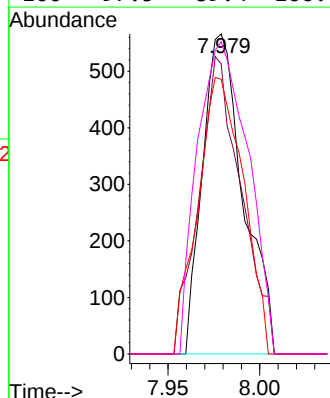
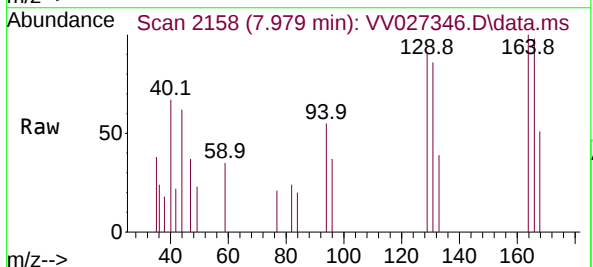
Ion Ratio Lower Upper

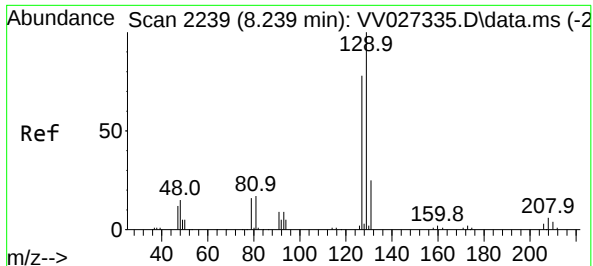
164 100

129 90.6 69.0 128.1

131 85.9 64.7 120.1

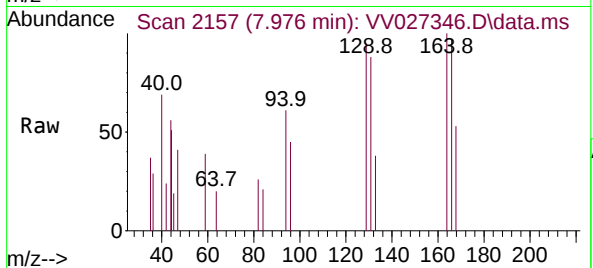
166 97.5 89.4 166.0



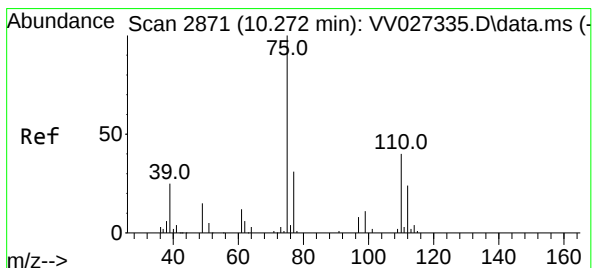
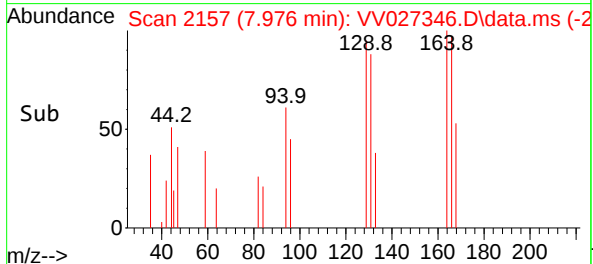
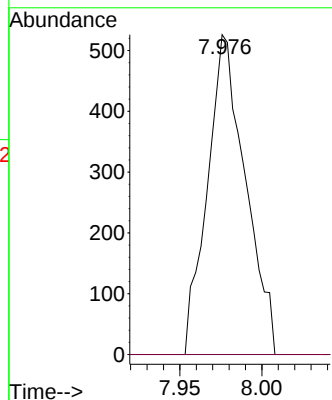


#49
Dibromochloromethane
Concen: 0.076 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.264 min
Lab File: VV027346.D
Acq: 12 Aug 2022 23:20

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:129 Resp: 847
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.3#



#61
1,2,3-Trichloropropane
Concen: 1.333 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV027346.D
Acq: 12 Aug 2022 23:20

Tgt Ion: 75 Resp: 8674
Ion Ratio Lower Upper
75 100
77 32.4 26.6 39.8
110 1.7 31.0 46.6#

