

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102021\
 Data File : VV022936.D
 Acq On : 20 Oct 2021 16:54
 Operator : SY/MD
 Sample : M4200-10DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGH2DL

Quant Time: Oct 21 02:47:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 21 02:43:59 2021
 Response via : Initial Calibration

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

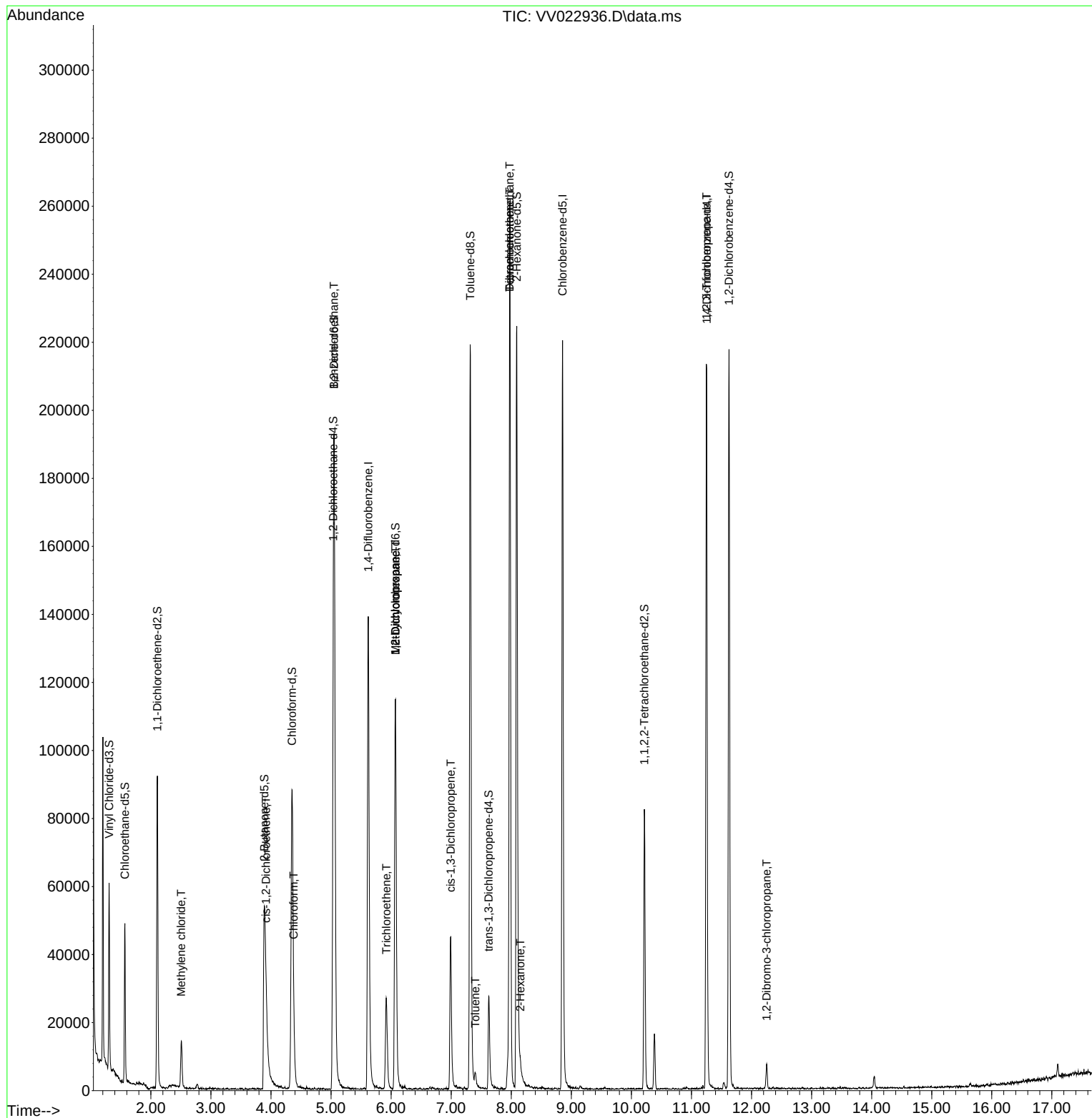
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123435	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	127152	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	58766	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33060	3.893	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.568	69	28180	3.693	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.108	63	46298	2.779	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.600%#
20) 2-Butanone-d5	3.889	46	97512	43.791	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.580%
24) Chloroform-d	4.349	84	90611	5.177	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.037	65	41775	4.918	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.050	84	178636	4.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.072	67	57486	5.128	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.317	98	146973	4.492	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	7.625	79	16497	4.436	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.091	63	74974	50.030	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.060%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38771	5.106	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	57030	5.234	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						Qvalue
16) Methylene chloride	2.506	84	5515	0.537	ug/L	97
22) cis-1,2-Dichloroethene	3.915	96	3547	0.417	ug/L	95
25) Chloroform	4.378	83	7572	0.447	ug/L	96
27) 1,2-Dichloroethane	5.050	62	1153	0.136	ug/L #	69
34) Trichloroethene	5.921	95	9338	1.003	ug/L	95
35) Methylcyclohexane	6.072	83	13857	1.062	ug/L #	17
37) 1,2-Dichloropropane	6.072	63	6616	0.803	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1389	0.127	ug/L #	73
42) Toluene	7.400	91	3285	0.094	ug/L	98
47) Tetrachloroethene	7.976	164	59342	7.879	ug/L	99
48) 2-Hexanone	8.149	43	2619	0.809	ug/L #	65
49) Dibromochloromethane	7.976	129	52346	7.316	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	6423	1.573	ug/L #	61
68) 1,2-Dibromo-3-chloropr...	12.249	75	270	0.363	ug/L #	1

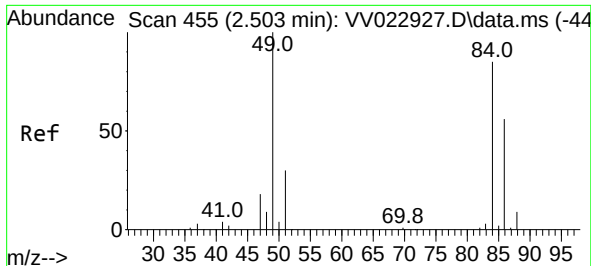
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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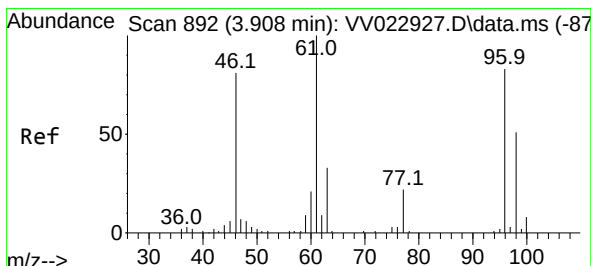
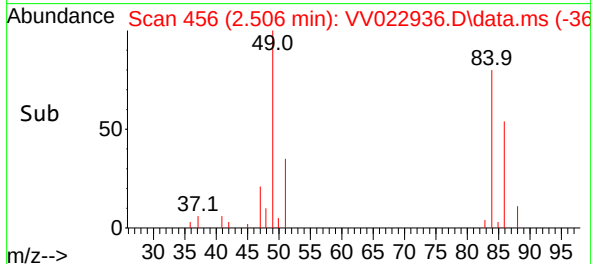
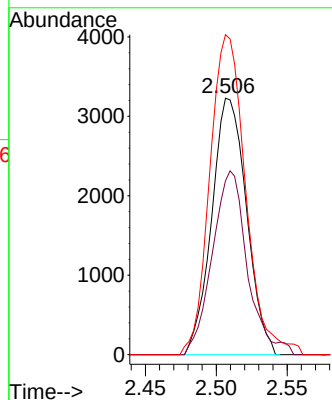
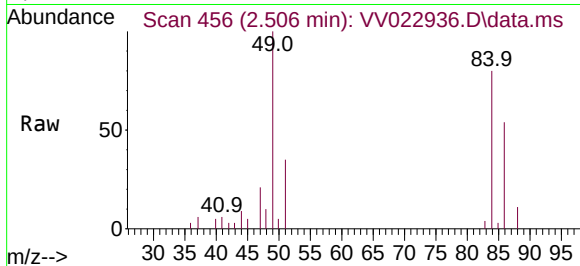




#16
Methylene chloride
Concen: 0.537 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022936.D
Acq: 20 Oct 2021 16:54

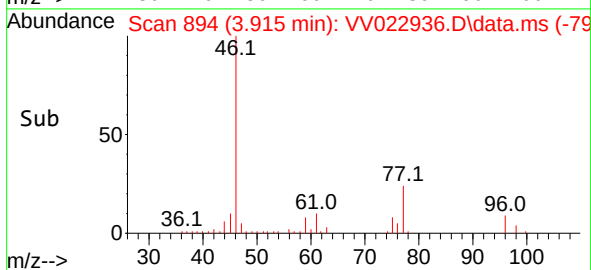
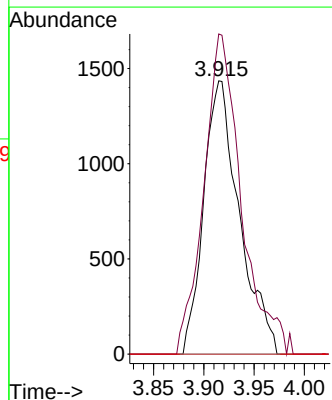
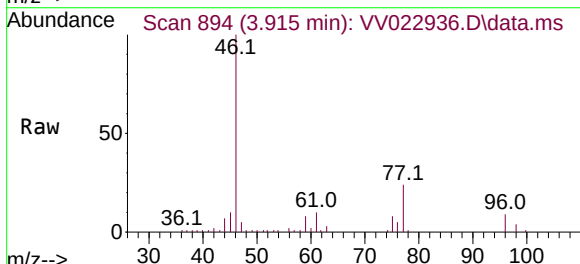
Instrument :
MSVOA_V
ClientSampleId :
BFGH2DL

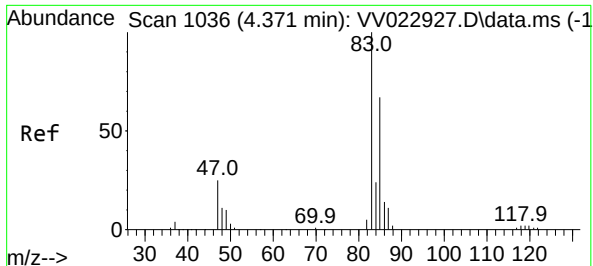
Tgt Ion:	84	Resp:	5515
Ion	Ratio	Lower	Upper
84	100		
86	67.8	45.8	85.2
49	124.7	90.3	167.7



#22
cis-1,2-Dichloroethene
Concen: 0.417 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV022936.D
Acq: 20 Oct 2021 16:54

Tgt Ion:	96	Resp:	3547
Ion	Ratio	Lower	Upper
96	100		
61	117.1	86.0	159.6
68	0.0	0.0	0.0





#25

Chloroform

Concen: 0.447 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VV022936.D

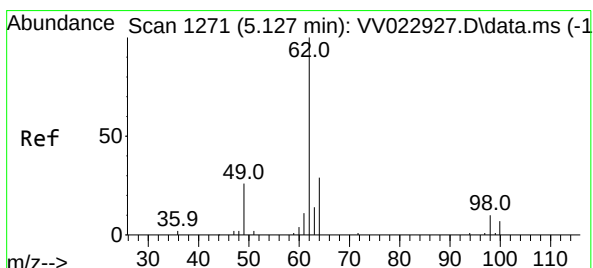
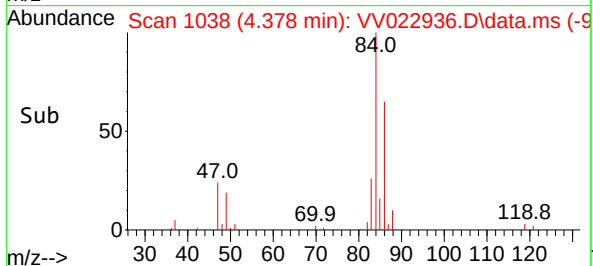
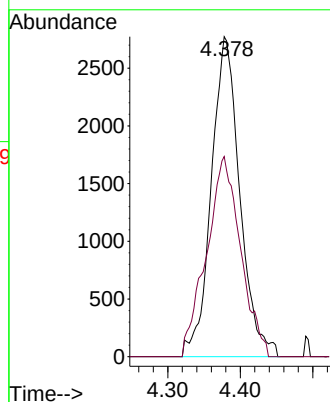
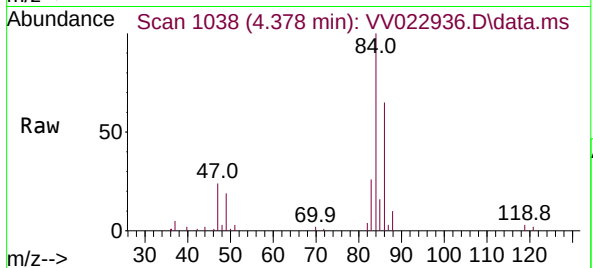
Acq: 20 Oct 2021 16:54

Tgt Ion: 83 Resp: 7572

Ion Ratio Lower Upper

83 100

85 62.5 45.7 84.9



#27

1,2-Dichloroethane

Concen: 0.136 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.077 min

Lab File: VV022936.D

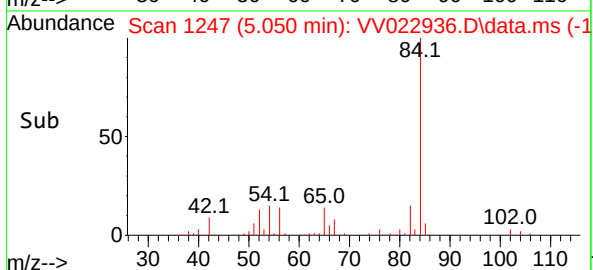
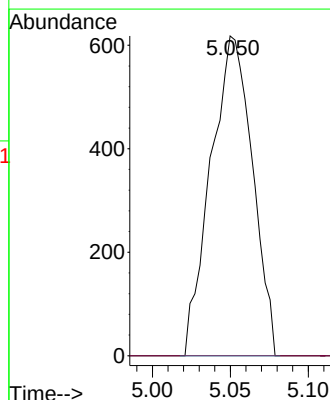
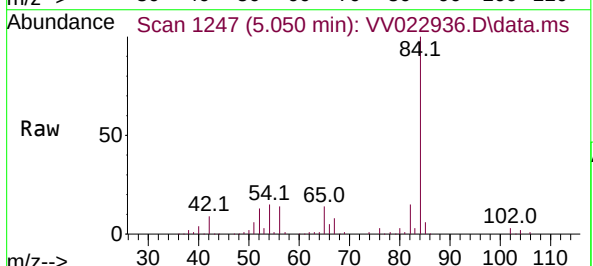
Acq: 20 Oct 2021 16:54

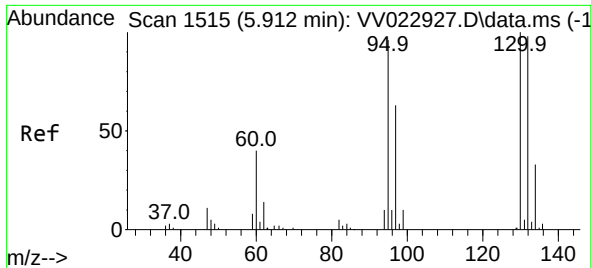
Tgt Ion: 62 Resp: 1153

Ion Ratio Lower Upper

62 100

98 0.0 9.7 14.5#

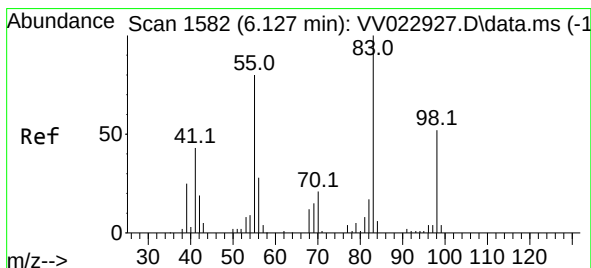
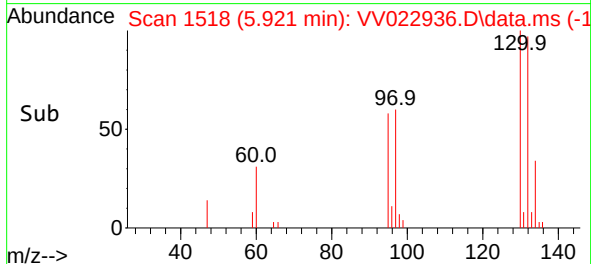
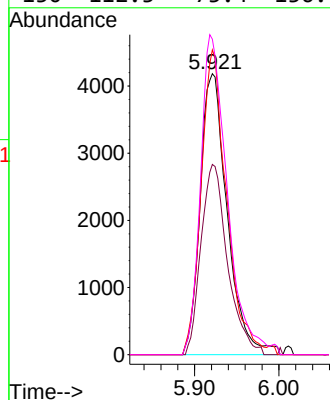
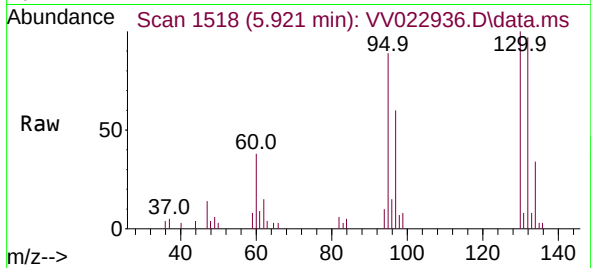




#34
Trichloroethene
Concen: 1.003 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV022936.D
Acq: 20 Oct 2021 16:54

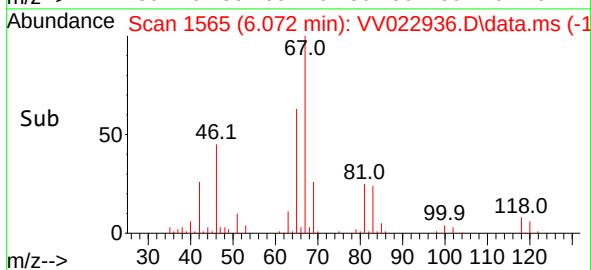
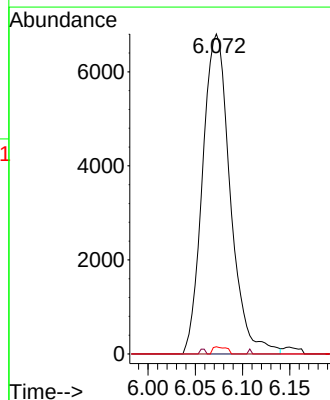
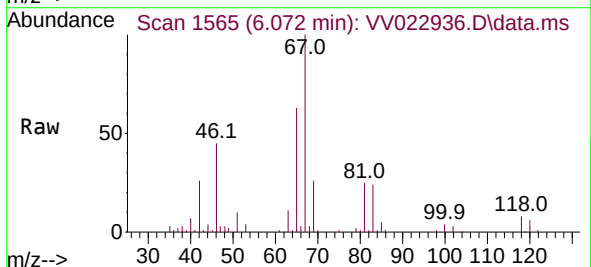
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MSVOA_V
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BFGH2DL

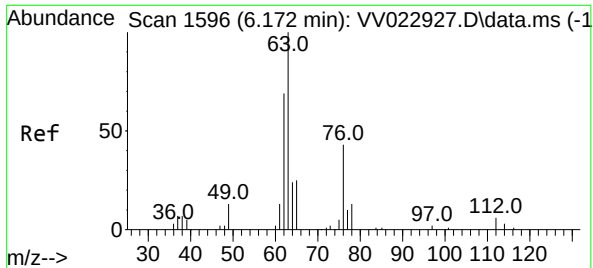
Tgt Ion:	95	Resp:	9338
Ion	Ratio	Lower	Upper
95	100		
97	67.7	45.8	85.2
132	108.5	72.2	134.0
130	112.3	73.4	136.4



#35
Methylcyclohexane
Concen: 1.062 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV022936.D
Acq: 20 Oct 2021 16:54

Tgt Ion:	83	Resp:	13857
Ion	Ratio	Lower	Upper
83	100		
55	0.3	63.8	95.6#
98	1.1	42.1	63.1#

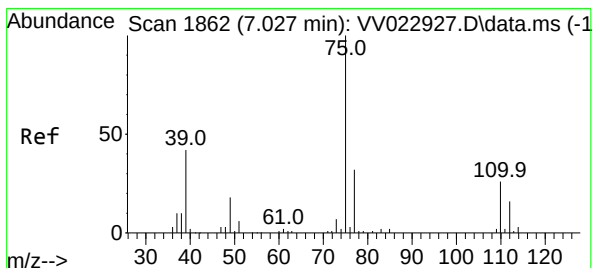
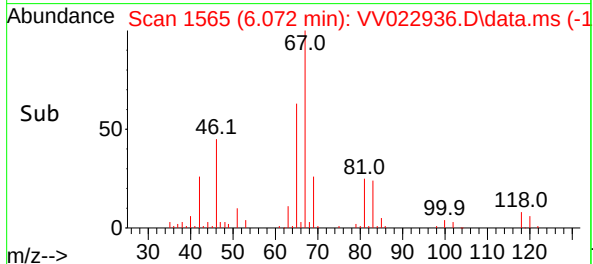
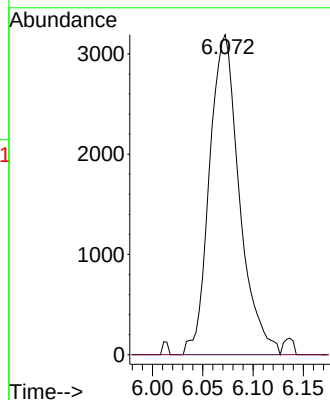
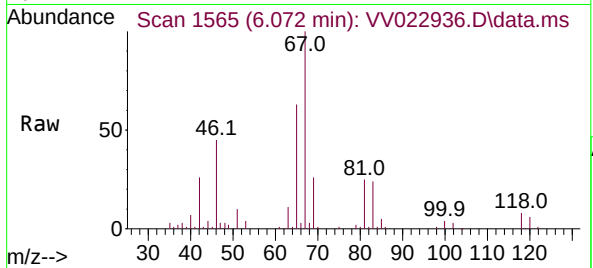




#37
1,2-Dichloropropane
Concen: 0.803 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022936.D
Acq: 20 Oct 2021 16:54

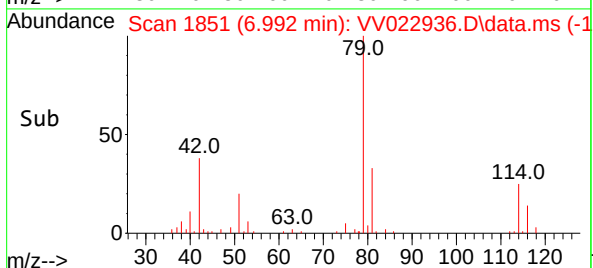
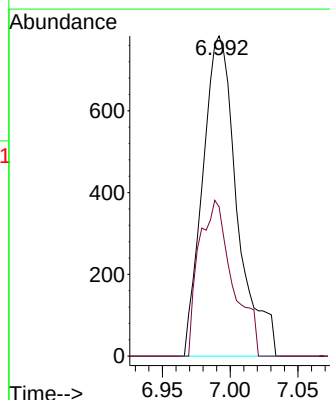
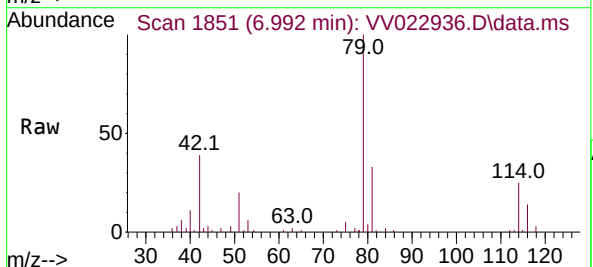
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MSVOA_V
ClientSampleId :
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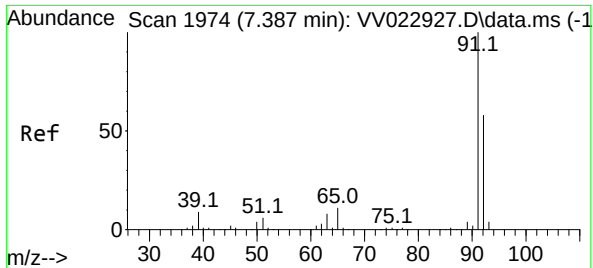
Tgt Ion: 63 Resp: 6616
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#



#39
cis-1,3-Dichloropropene
Concen: 0.127 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.035 min
Lab File: VV022936.D
Acq: 20 Oct 2021 16:54

Tgt Ion: 75 Resp: 1389
Ion Ratio Lower Upper
75 100
77 46.6 22.3 41.3#

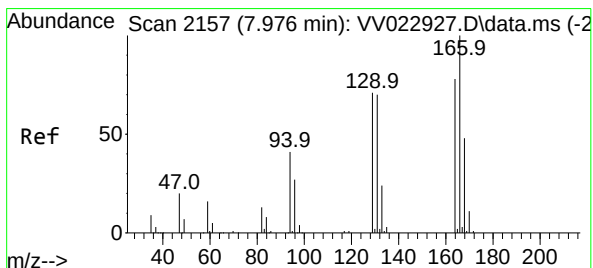
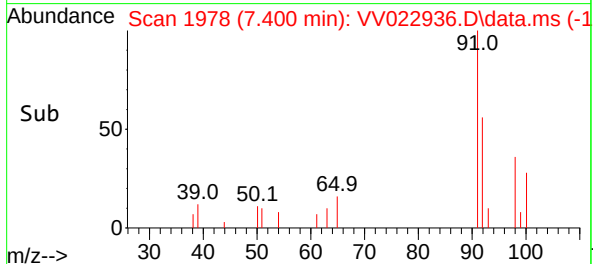
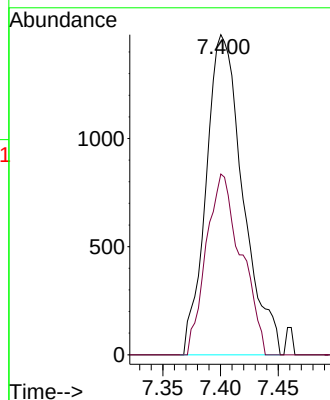
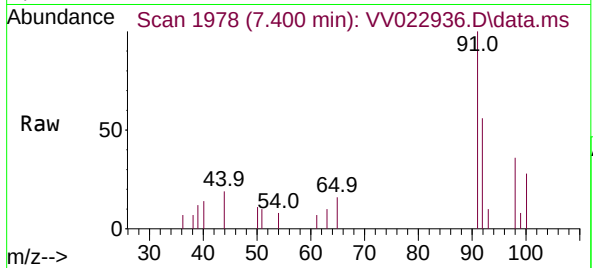




#42
Toluene
Concen: 0.094 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.013 min
Lab File: VV022936.D
Acq: 20 Oct 2021 16:54

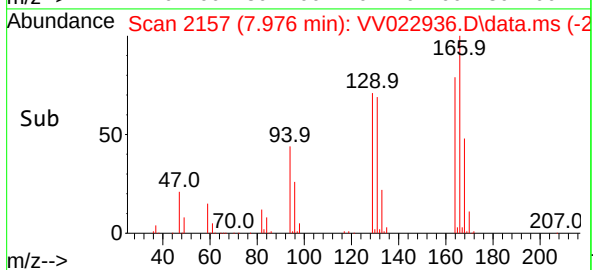
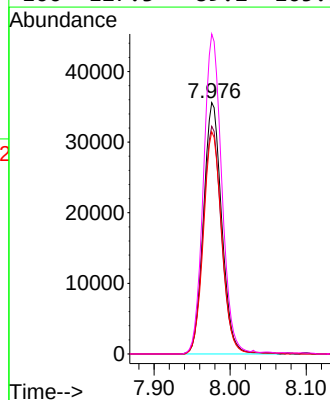
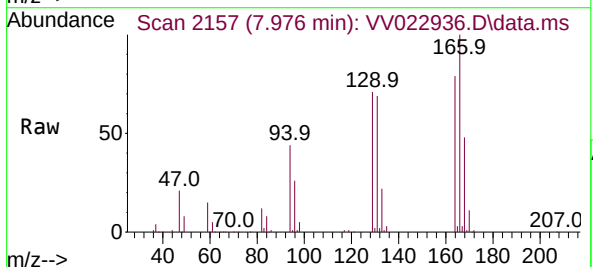
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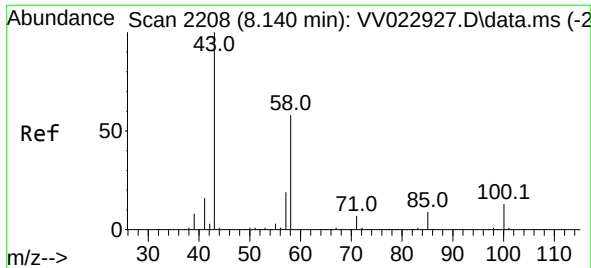
Tgt Ion: 91 Resp: 3285
Ion Ratio Lower Upper
91 100
92 56.5 40.7 75.7



#47
Tetrachloroethene
Concen: 7.879 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022936.D
Acq: 20 Oct 2021 16:54

Tgt Ion: 164 Resp: 59342
Ion Ratio Lower Upper
164 100
129 90.5 65.0 120.6
131 88.4 62.2 115.4
166 127.3 89.2 165.8

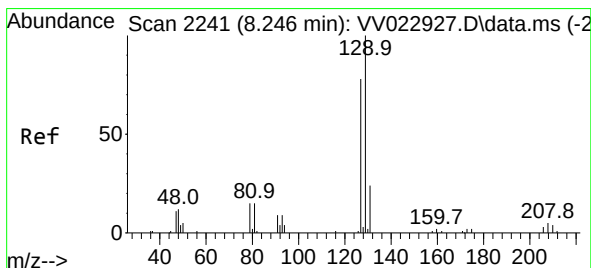
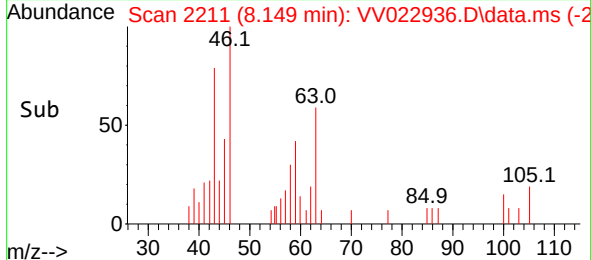
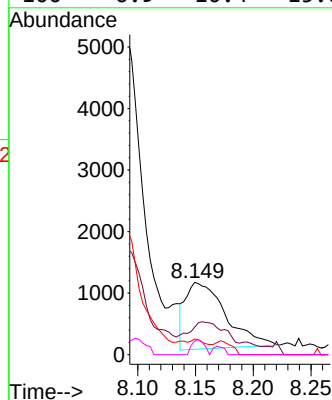
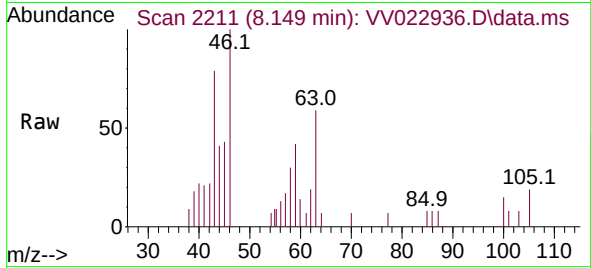




#48
2-Hexanone
Concen: 0.809 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.010 min
Lab File: VV022936.D
Acq: 20 Oct 2021 16:54

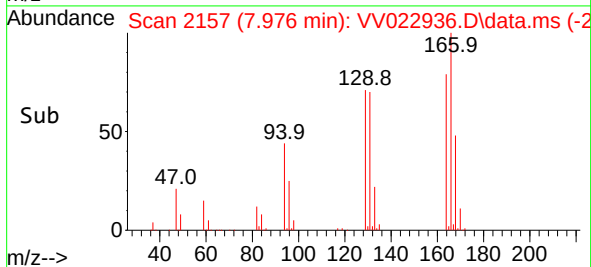
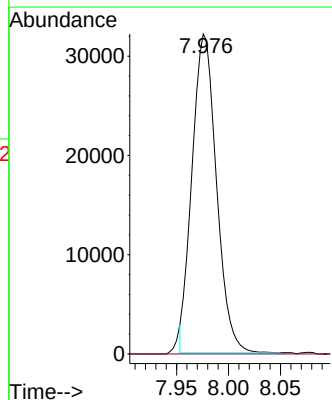
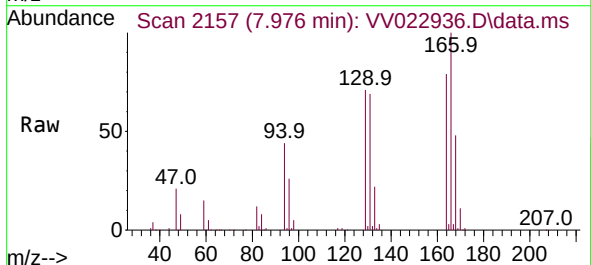
Instrument :
MSVOA_V
ClientSampled :
BFGH2DL

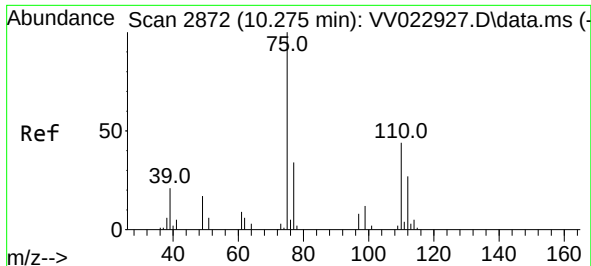
Tgt Ion:	43	Resp:	2619
Ion	Ratio	Lower	Upper
43	100		
58	31.2	47.4	71.0#
57	0.0	15.3	22.9#
100	6.9	10.4	15.6#



#49
Dibromochloromethane
Concen: 7.316 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV022936.D
Acq: 20 Oct 2021 16:54

Tgt Ion:	129	Resp:	52346
Ion	Ratio	Lower	Upper
129	100		
127	0.0	59.1	109.9#

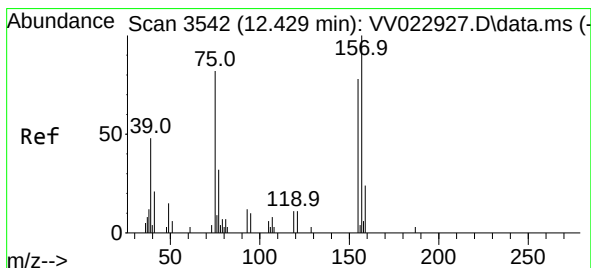
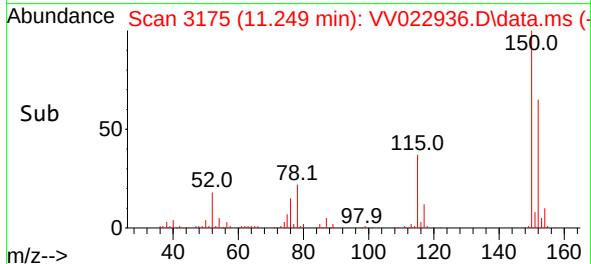
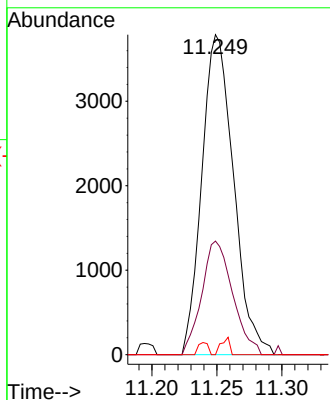
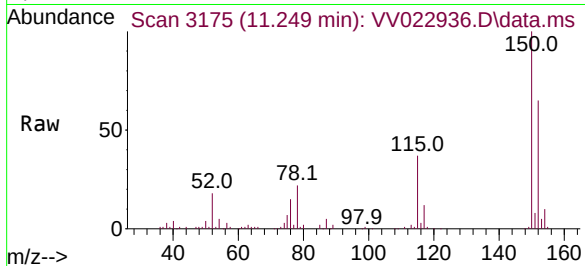




#61
1,2,3-Trichloropropane
Concen: 1.573 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022936.D
Acq: 20 Oct 2021 16:54

Instrument :
MSVOA_V
ClientSampled :
BFGH2DL

Tgt Ion: 75 Resp: 6423
Ion Ratio Lower Upper
75 100
77 34.7 25.4 38.2
110 1.4 34.2 51.4#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.363 ug/L
RT: 12.249 min Scan# 3486
Delta R.T. -0.180 min
Lab File: VV022936.D
Acq: 20 Oct 2021 16:54

Tgt Ion: 75 Resp: 270
Ion Ratio Lower Upper
75 100
155 0.0 82.4 123.6#
157 0.0 114.1 171.1#

