

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101821\
 Data File : VV022904.D
 Acq On : 19 Oct 2021 06:40
 Operator : SY/MD
 Sample : M4137-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 09:00:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 19 04:07:06 2021
 Response via : Initial Calibration

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

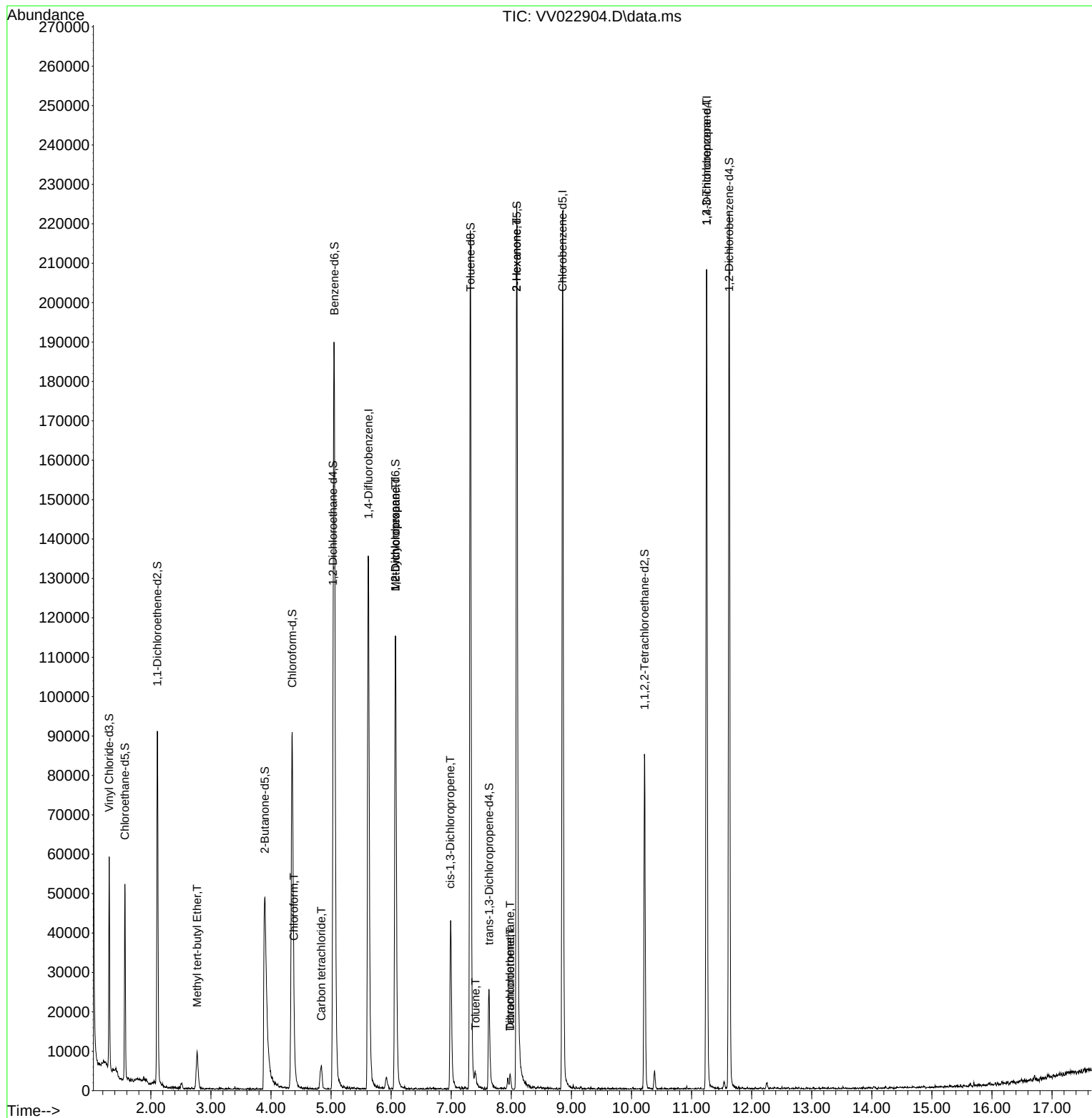
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	121913	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	125279	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	56195	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	31927	3.806	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.568	69	29680	3.938	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.108	63	46621	2.833	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.600%#
20) 2-Butanone-d5	3.895	46	100360	45.632	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.260%
24) Chloroform-d	4.352	84	90956	5.262	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	5.034	65	42542	5.071	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.053	84	175749	4.712	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.072	67	56660	5.130	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.320	98	149119	4.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	7.628	79	16376	4.470	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.091	63	76379	51.729	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.460%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39240	5.245	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	60441	5.801	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.000%
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	2.770	73	9331	0.524	ug/L	98
25) Chloroform	4.381	83	6133	0.367	ug/L	98
31) Carbon tetrachloride	4.838	117	4551	0.366	ug/L	98
35) Methylcyclohexane	6.072	83	14570	1.133	ug/L #	17
37) 1,2-Dichloropropane	6.072	63	6439	0.793	ug/L #	84
39) cis-1,3-Dichloropropene	6.985	75	1274	0.119	ug/L #	79
42) Toluene	7.407	91	2888	0.084	ug/L	86
47) Tetrachloroethene	7.982	164	892	0.120	ug/L	93
48) 2-Hexanone	8.088	43	10227	3.208	ug/L #	65
49) Dibromochloromethane	7.982	129	663	0.094	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	6211	1.591	ug/L #	61

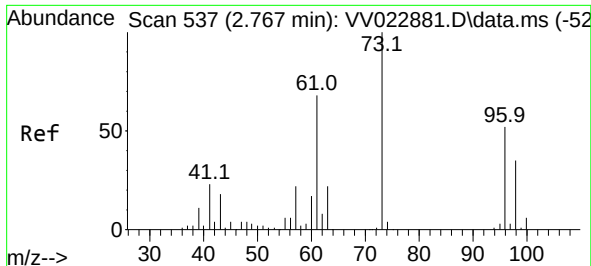
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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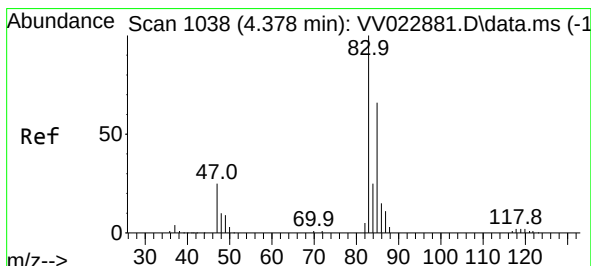
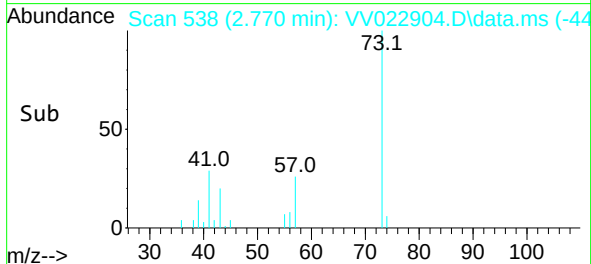
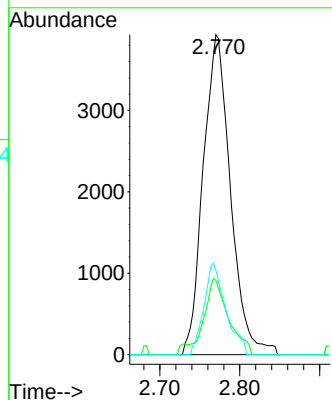
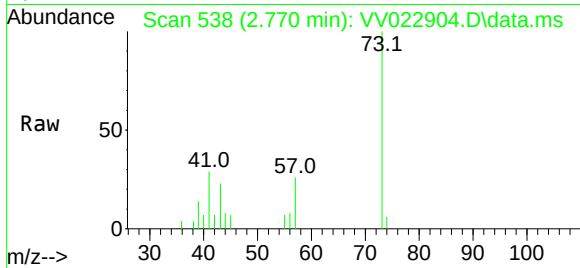




#17
Methyl tert-butyl Ether
Concen: 0.524 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV022904.D
Acq: 19 Oct 2021 06:40

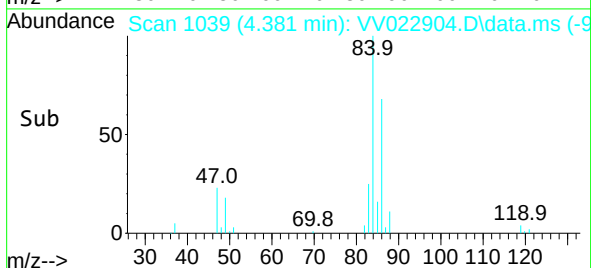
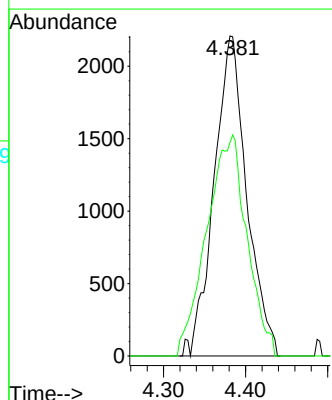
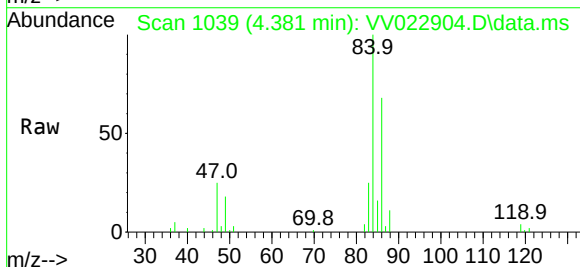
Instrument :
MSVOA_V
ClientSampled :

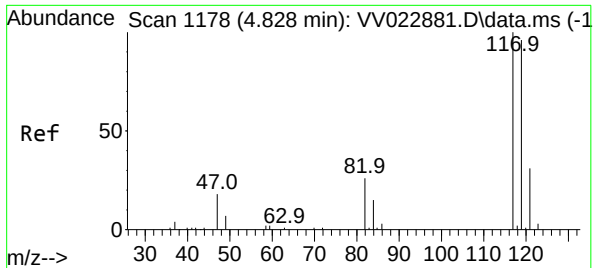
Tgt Ion: 73 Resp: 9331
Ion Ratio Lower Upper
73 100
43 21.0 17.1 25.7
57 22.9 17.2 25.8



#25
Chloroform
Concen: 0.367 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VV022904.D
Acq: 19 Oct 2021 06:40

Tgt Ion: 83 Resp: 6133
Ion Ratio Lower Upper
83 100
85 66.7 45.7 84.9

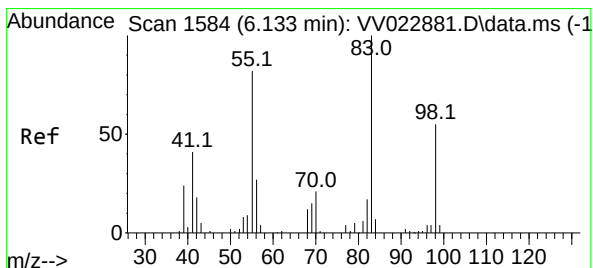
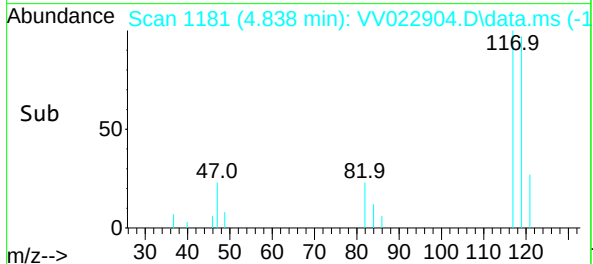
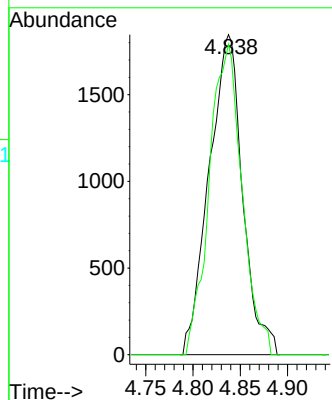
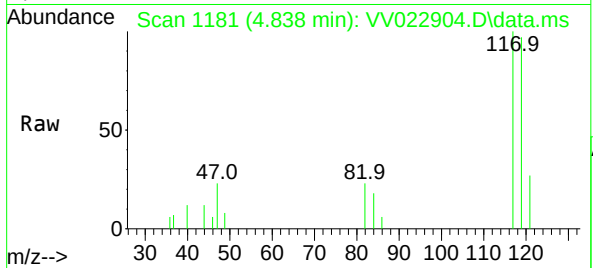




#31
Carbon tetrachloride
Concen: 0.366 ug/L
RT: 4.838 min Scan# 1181
Delta R.T. 0.010 min
Lab File: VV022904.D
Acq: 19 Oct 2021 06:40

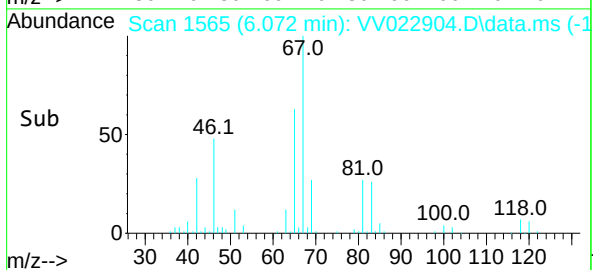
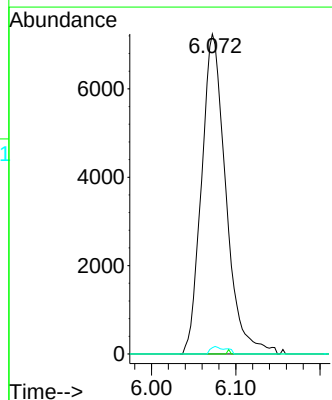
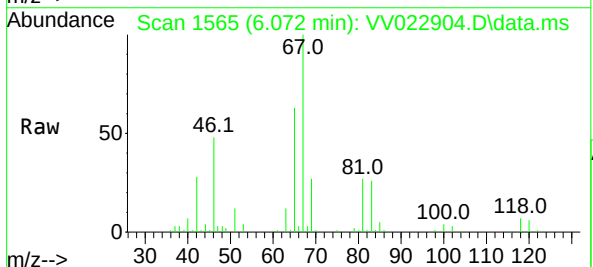
Instrument :
MSVOA_V
ClientSampled :

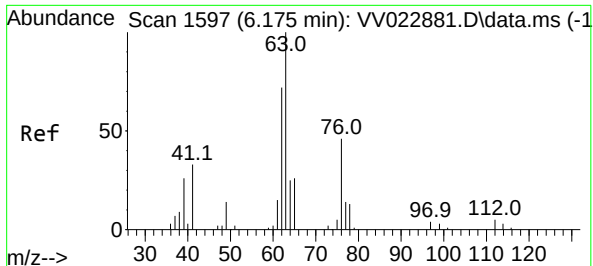
Tgt Ion: 117 Resp: 4551
Ion Ratio Lower Upper
117 100
119 94.6 77.4 116.0



#35
Methylcyclohexane
Concen: 1.133 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV022904.D
Acq: 19 Oct 2021 06:40

Tgt Ion: 83 Resp: 14570
Ion Ratio Lower Upper
83 100
55 0.1 63.8 95.6#
98 1.0 42.1 63.1#

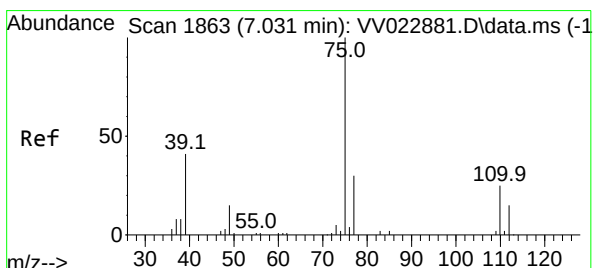
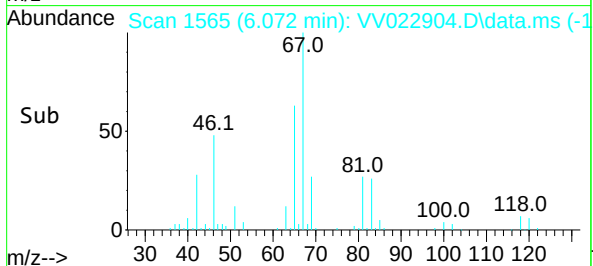
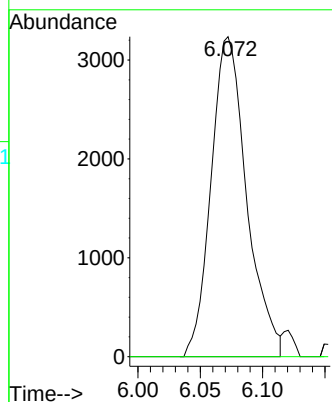
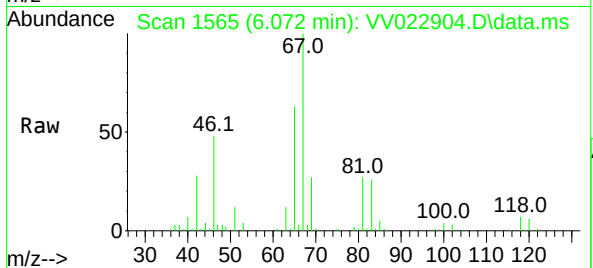




#37
1,2-Dichloropropane
Concen: 0.793 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV022904.D
Acq: 19 Oct 2021 06:40

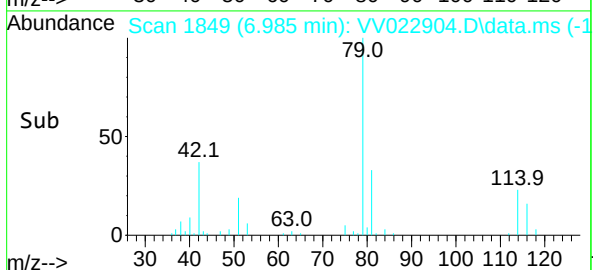
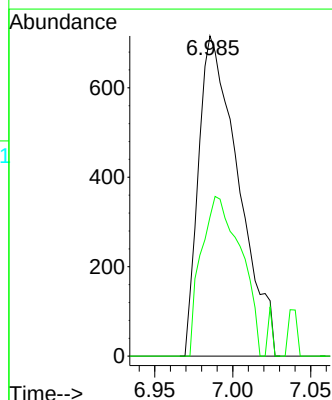
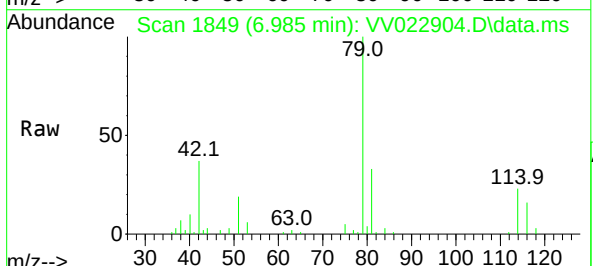
Instrument :
MSVOA_V
ClientSampleId :

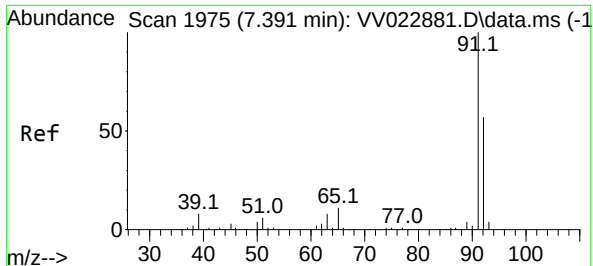
Tgt Ion: 63 Resp: 6439
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#



#39
cis-1,3-Dichloropropene
Concen: 0.119 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.045 min
Lab File: VV022904.D
Acq: 19 Oct 2021 06:40

Tgt Ion: 75 Resp: 1274
Ion Ratio Lower Upper
75 100
77 43.4 22.3 41.3#





#42

Toluene

Concen: 0.084 ug/L

RT: 7.407 min Scan# 1980

Delta R.T. 0.016 min

Lab File: VV022904.D

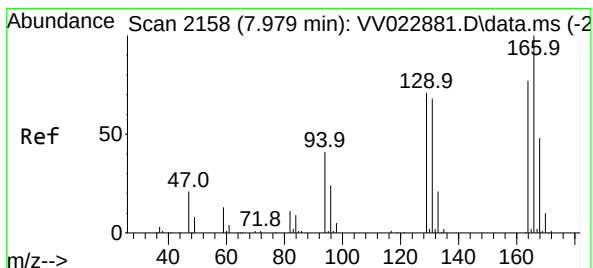
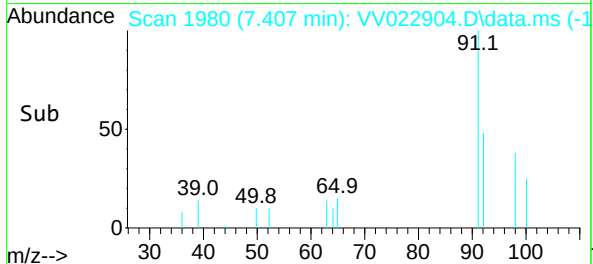
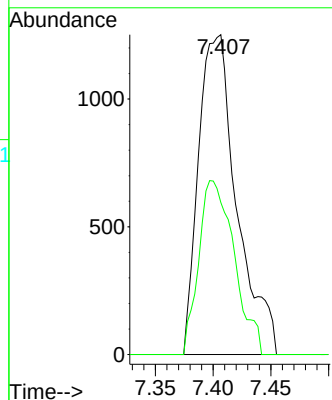
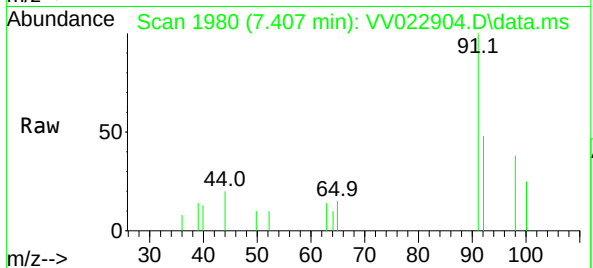
Acq: 19 Oct 2021 06:40

Tgt Ion: 91 Resp: 2888

Ion Ratio Lower Upper

91 100

92 47.5 40.7 75.7



#47

Tetrachloroethene

Concen: 0.120 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.003 min

Lab File: VV022904.D

Acq: 19 Oct 2021 06:40

Tgt Ion: 164 Resp: 892

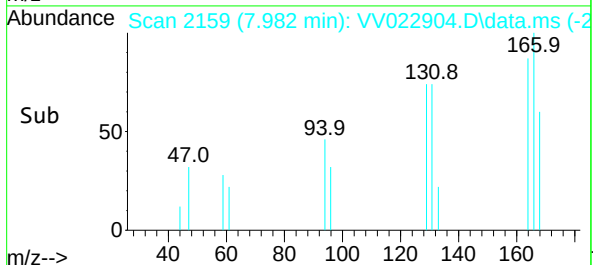
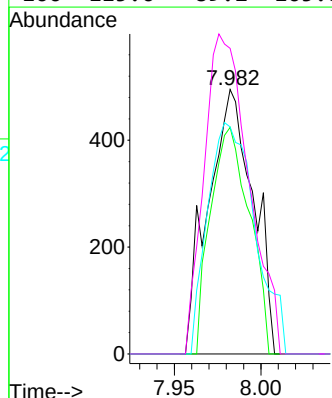
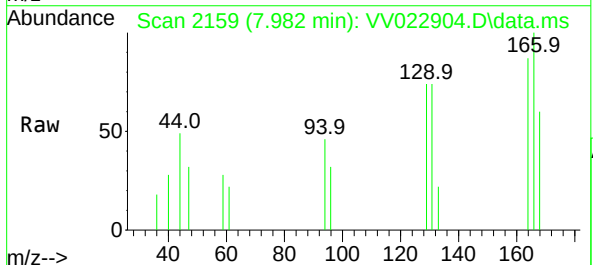
Ion Ratio Lower Upper

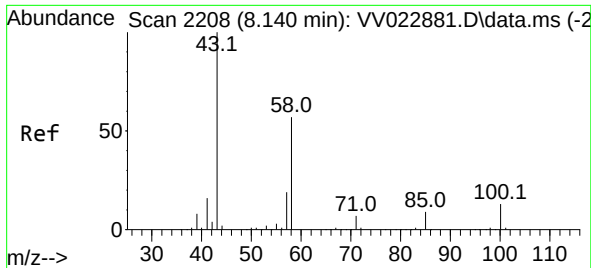
164 100

129 85.7 65.0 120.6

131 85.9 62.2 115.4

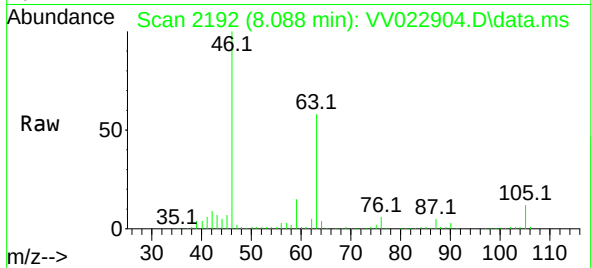
166 115.6 89.2 165.8



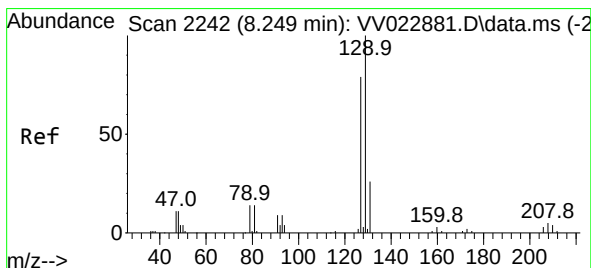
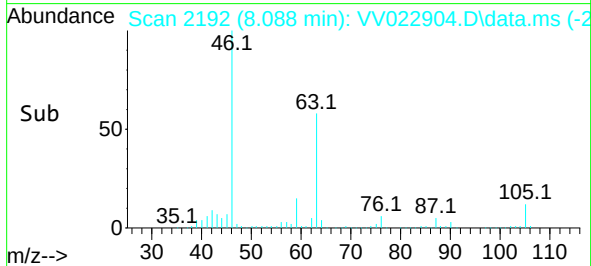
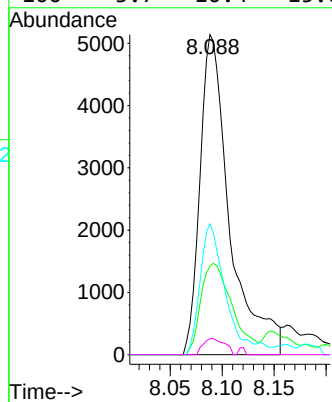


#48
2-Hexanone
Concen: 3.208 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.052 min
Lab File: VV022904.D
Acq: 19 Oct 2021 06:40

Instrument :
MSVOA_V
ClientSampled :

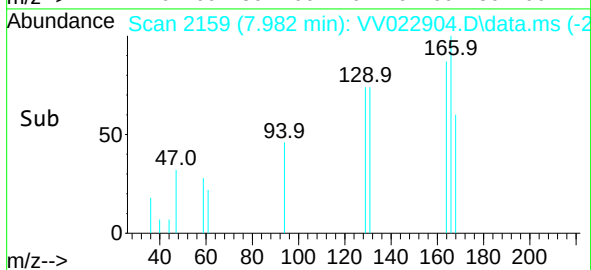
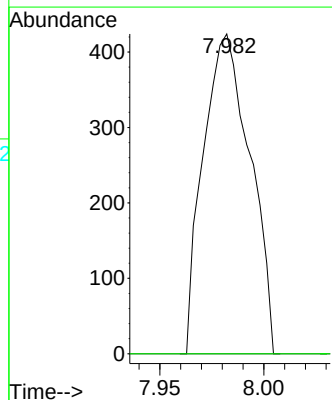
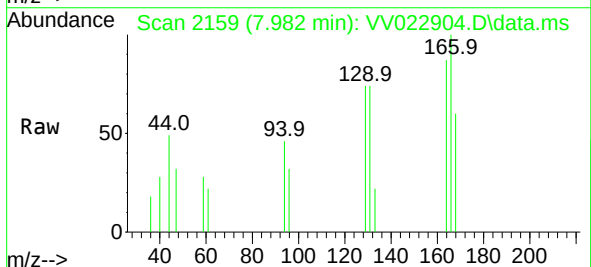


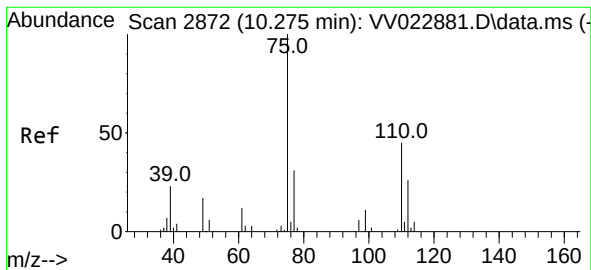
Tgt Ion: 43 Resp: 10227
Ion Ratio Lower Upper
43 100
58 30.4 47.4 71.0#
57 34.2 15.3 22.9#
100 3.7 10.4 15.6#



#49
Dibromochloromethane
Concen: 0.094 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. -0.267 min
Lab File: VV022904.D
Acq: 19 Oct 2021 06:40

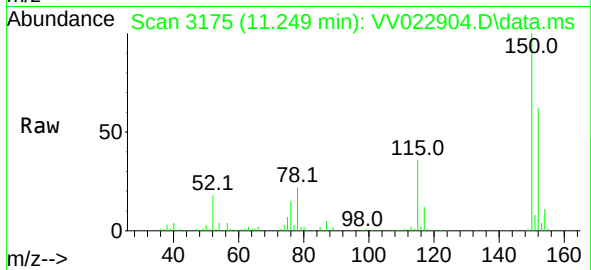
Tgt Ion: 129 Resp: 663
Ion Ratio Lower Upper
129 100
127 0.0 59.1 109.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.591 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022904.D
 Acq: 19 Oct 2021 06:40

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 6211

Ion	Ratio	Lower	Upper
75	100		
77	34.8	25.4	38.2
110	2.2	34.2	51.4#

