

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092321\
 Data File : VV022285.D
 Acq On : 23 Sep 2021 15:43
 Operator : SY/MD
 Sample : M3878-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 24 03:45:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 24 03:31:01 2021
 Response via : Initial Calibration

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

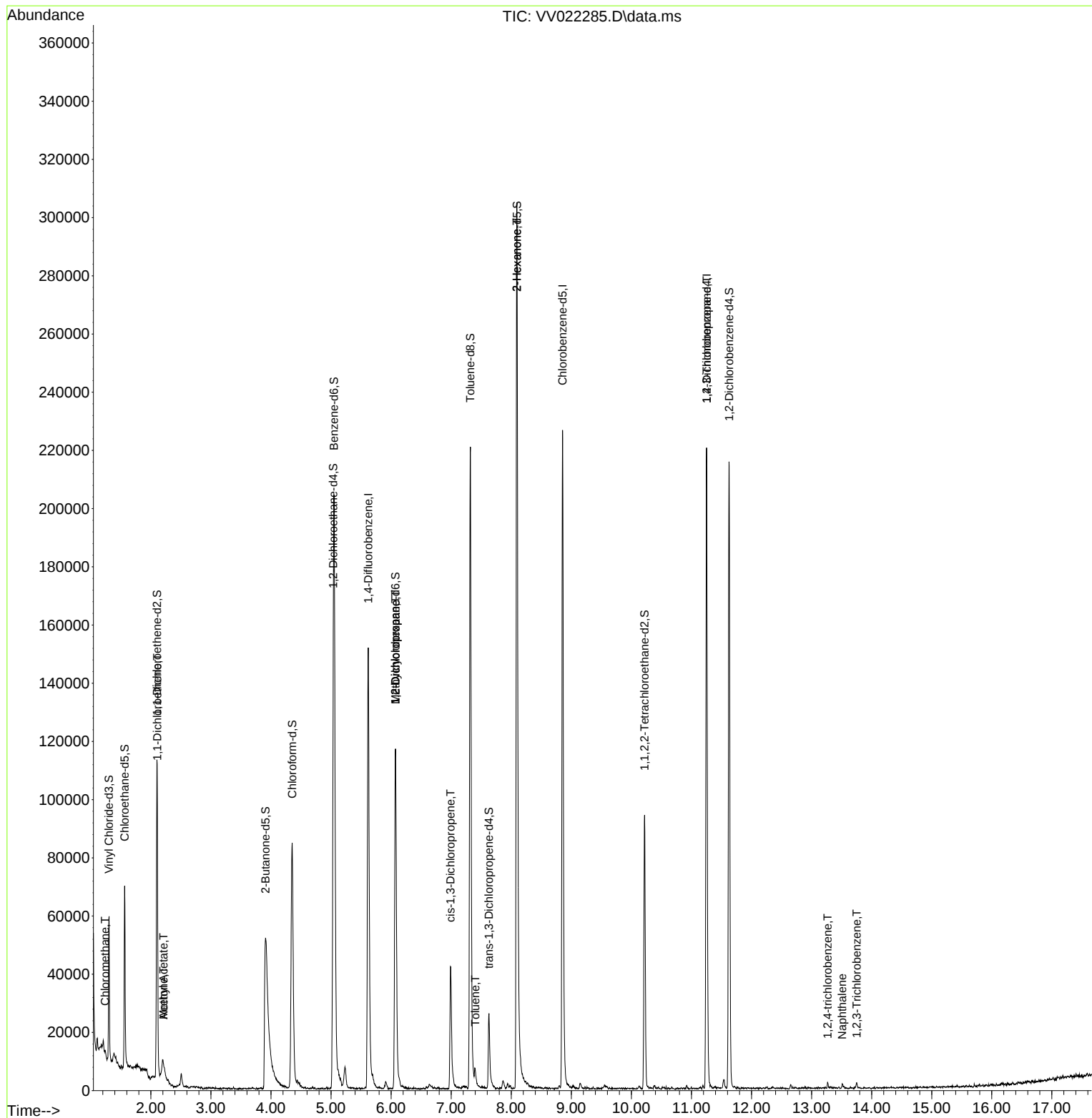
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	133000	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	130397	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	58909	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	31058	4.634	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.564	69	38227	4.874	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.101	63	55778	3.491	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	3.908	46	143548	52.415	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.840%
24) Chloroform-d	4.352	84	89950	4.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.037	65	46203	5.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.050	84	185007	5.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.072	67	60045	5.244	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.320	98	153785	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.628	79	15457	4.420	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.095	63	114673	52.735	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.480%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	45681	4.739	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.628	152	57004	5.156	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						Qvalue
3) Chloromethane	1.236	50	1488	0.144	ug/L	97
12) 1,1-Dichloroethene	2.108	96	600	0.080	ug/L #	1
13) Acetone	2.211	43	13762	8.863	ug/L	72
15) Methyl Acetate	2.211	43	13392	3.887	ug/L #	55
35) Methylcyclohexane	6.072	83	13700	0.984	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	6854	0.791	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1194	0.104	ug/L #	47
42) Toluene	7.403	91	4240	0.117	ug/L	91
48) 2-Hexanone	8.091	43	13041	3.326	ug/L #	68
61) 1,2,3-Trichloropropane	11.252	75	6999	1.370	ug/L #	65
70) 1,2,4-trichlorobenzene	13.268	180	649	0.066	ug/L	93
71) Naphthalene	13.509	128	1460	0.082	ug/L #	84
72) 1,2,3-Trichlorobenzene	13.750	180	809	0.089	ug/L #	69

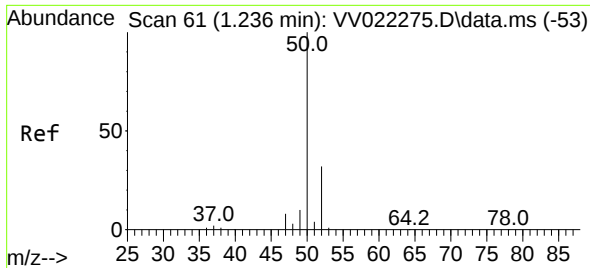
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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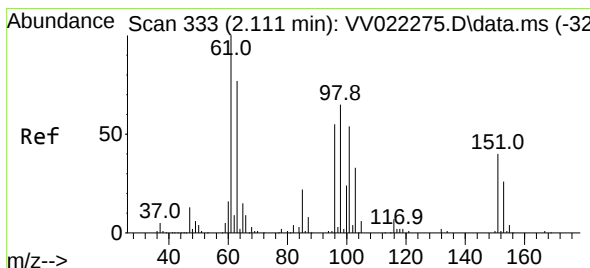
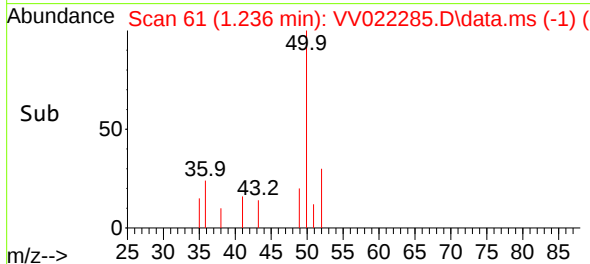
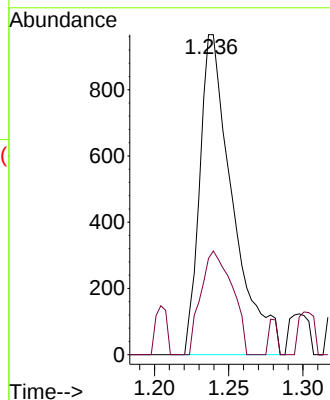
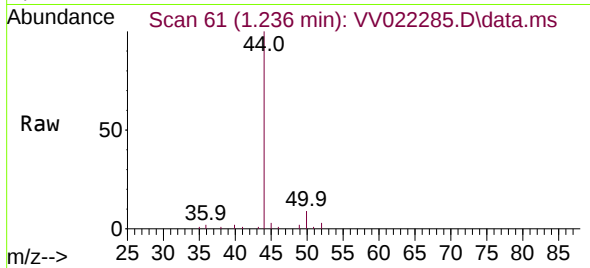




#3
Chloromethane
Concen: 0.144 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV022285.D
Acq: 23 Sep 2021 15:43

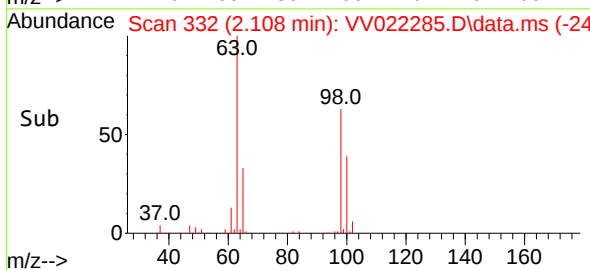
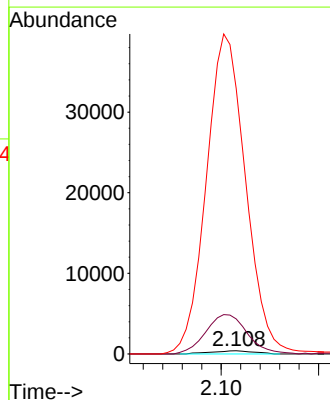
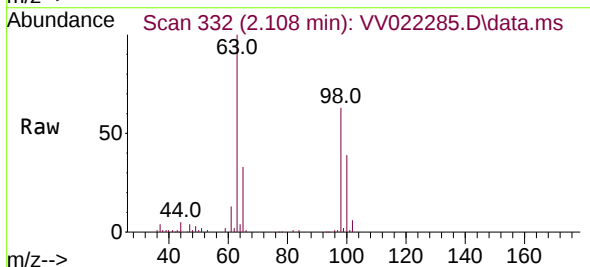
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MSVOA_V
ClientSampled :

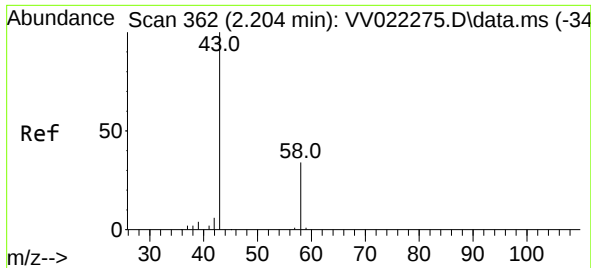
Tgt Ion: 50 Resp: 1488
Ion Ratio Lower Upper
50 100
52 30.1 22.2 41.2



#12
1,1-Dichloroethene
Concen: 0.080 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.003 min
Lab File: VV022285.D
Acq: 23 Sep 2021 15:43

Tgt Ion: 96 Resp: 600
Ion Ratio Lower Upper
96 100
61 1090.2 127.4 236.6#
63 8271.4 100.0 185.6#

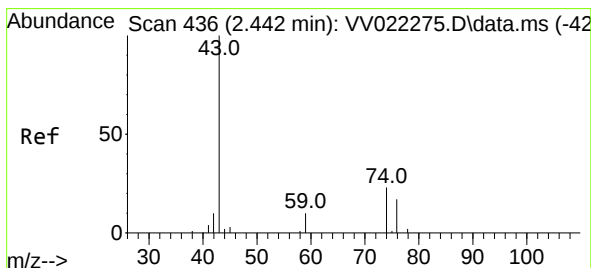
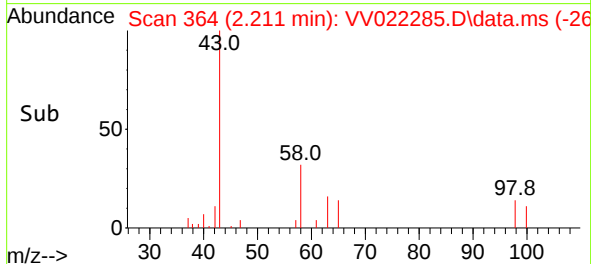
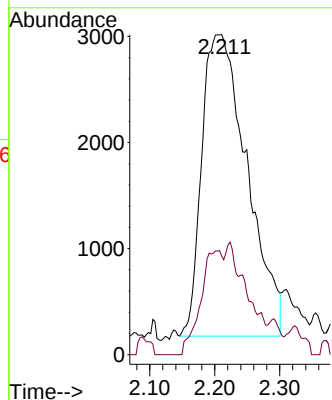
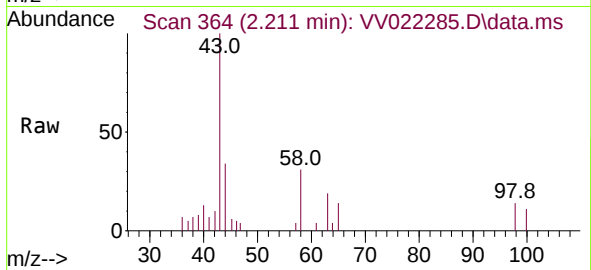




#13
Acetone
Concen: 8.863 ug/L
RT: 2.211 min Scan# 364
Delta R.T. 0.006 min
Lab File: VV022285.D
Acq: 23 Sep 2021 15:43

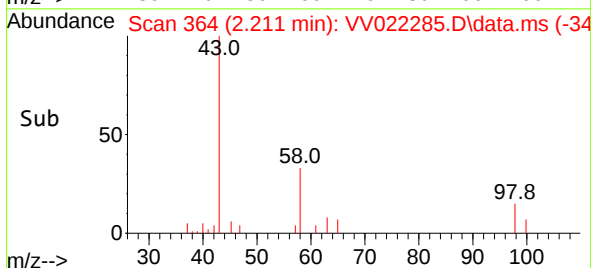
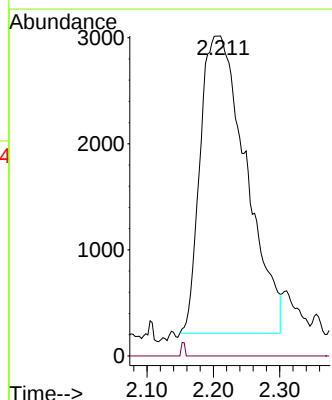
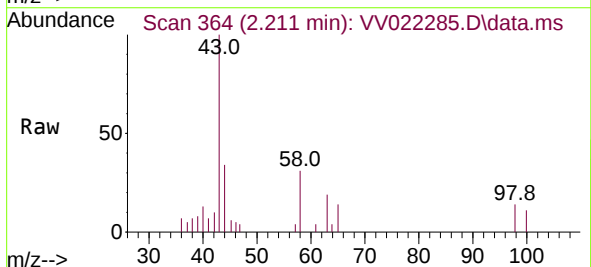
Instrument :
MSVOA_V
ClientSampled :

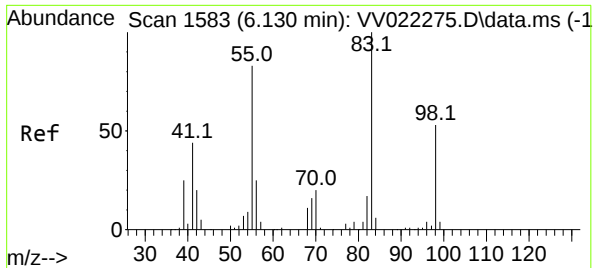
Tgt Ion: 43 Resp: 13762
Ion Ratio Lower Upper
43 100
58 17.2 0.0 66.2



#15
Methyl Acetate
Concen: 3.887 ug/L
RT: 2.211 min Scan# 364
Delta R.T. -0.232 min
Lab File: VV022285.D
Acq: 23 Sep 2021 15:43

Tgt Ion: 43 Resp: 13392
Ion Ratio Lower Upper
43 100
74 0.4 17.5 26.3#

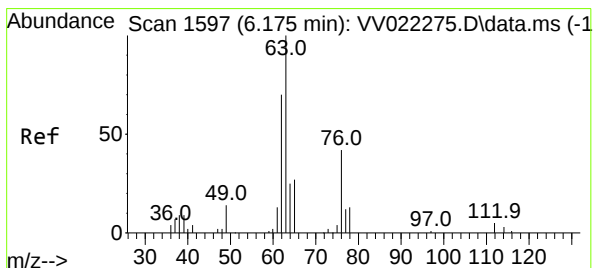
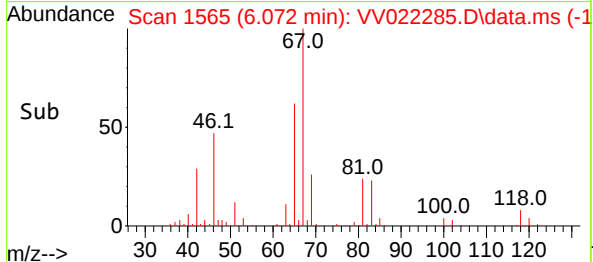
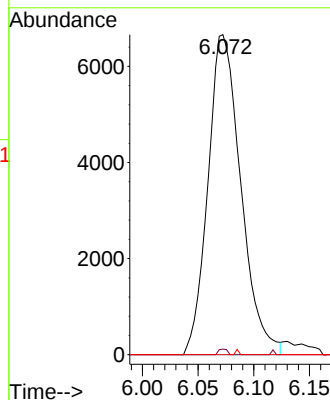
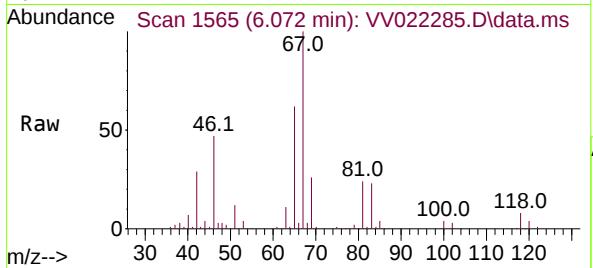




#35
Methylcyclohexane
Concen: 0.984 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV022285.D
Acq: 23 Sep 2021 15:43

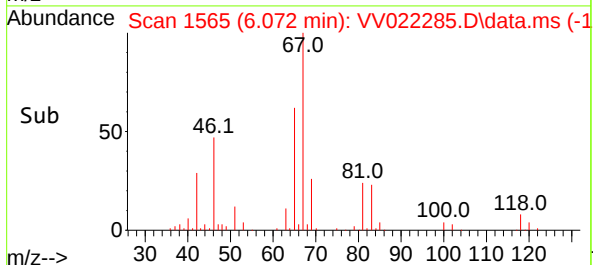
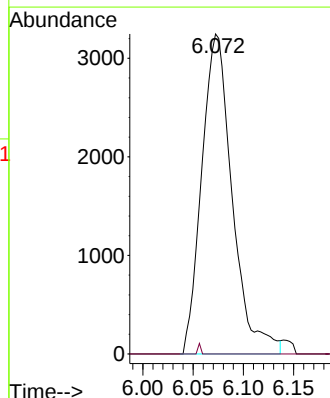
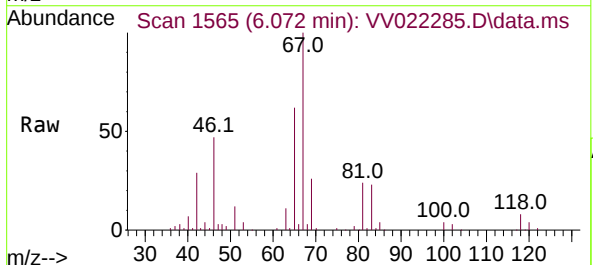
Instrument :
MSVOA_V
ClientSampled :

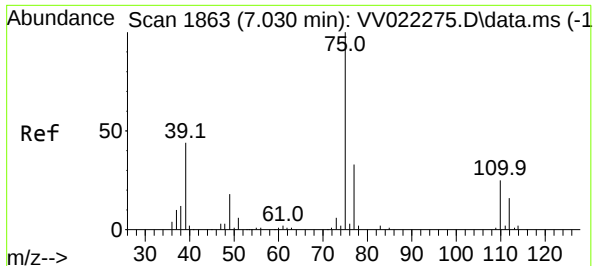
Tgt Ion: 83 Resp: 13700
Ion Ratio Lower Upper
83 100
55 0.5 60.2 90.2#
98 0.2 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.791 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV022285.D
Acq: 23 Sep 2021 15:43

Tgt Ion: 63 Resp: 6854
Ion Ratio Lower Upper
63 100
112 0.3 4.2 6.2#



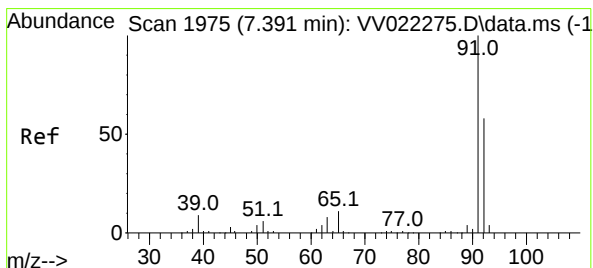
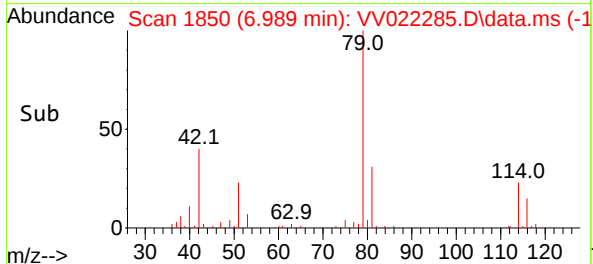
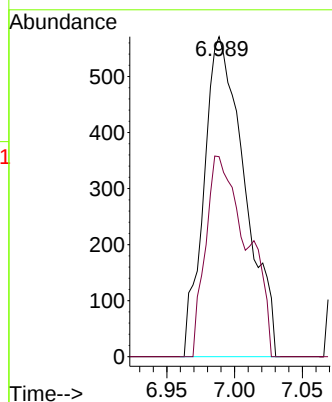
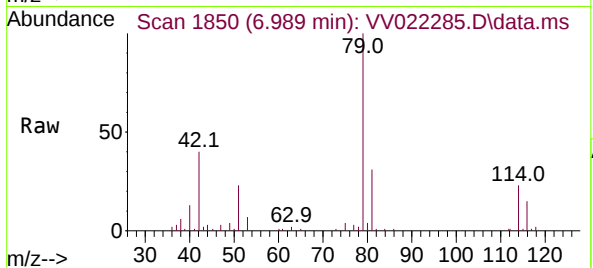


#39

cis-1,3-Dichloropropene
Concen: 0.104 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.042 min
Lab File: VV022285.D
Acq: 23 Sep 2021 15:43

Instrument :
MSVOA_V
ClientSampled :

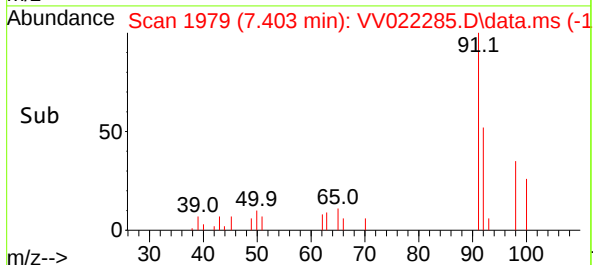
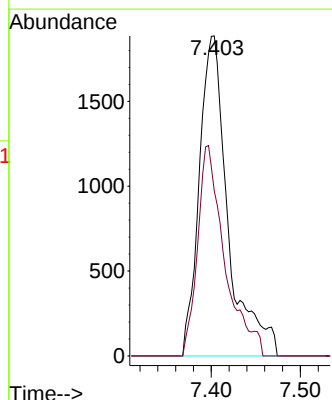
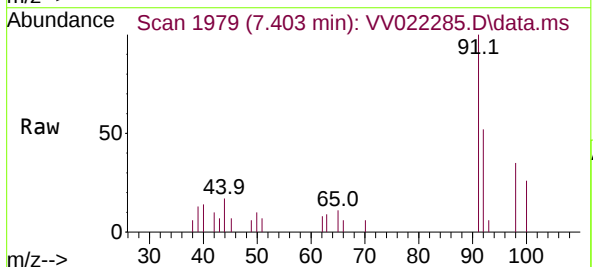
Tgt Ion: 75 Resp: 1194
Ion Ratio Lower Upper
75 100
77 62.5 22.8 42.4#

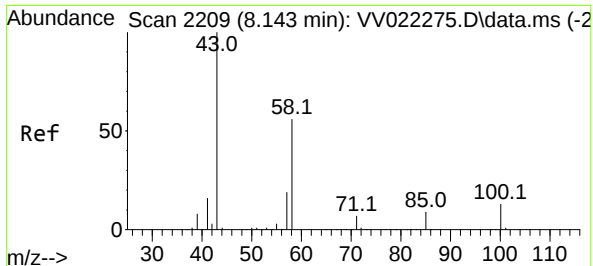


#42

Toluene
Concen: 0.117 ug/L
RT: 7.403 min Scan# 1979
Delta R.T. 0.013 min
Lab File: VV022285.D
Acq: 23 Sep 2021 15:43

Tgt Ion: 91 Resp: 4240
Ion Ratio Lower Upper
91 100
92 51.5 40.6 75.4

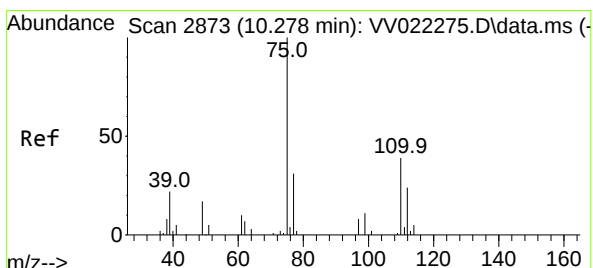
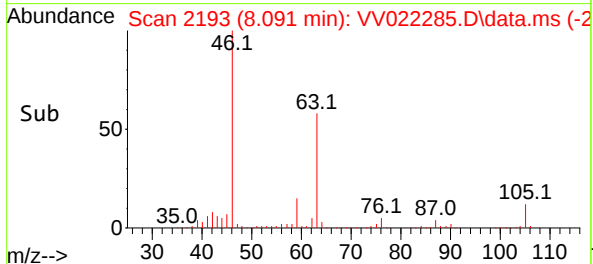
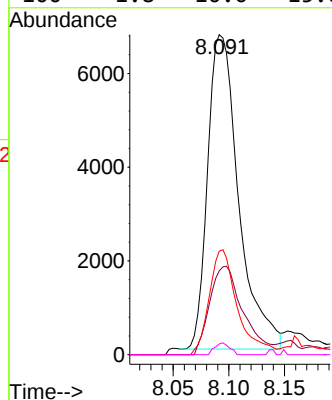
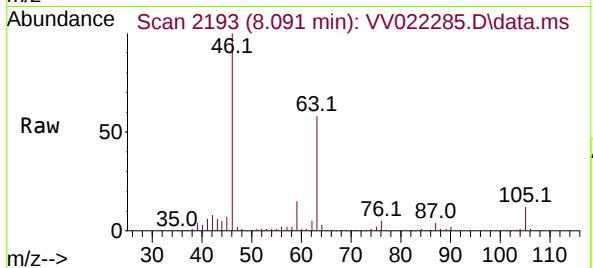




#48
2-Hexanone
Concen: 3.326 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. -0.052 min
Lab File: VV022285.D
Acq: 23 Sep 2021 15:43

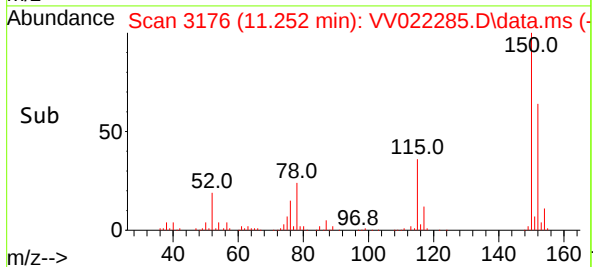
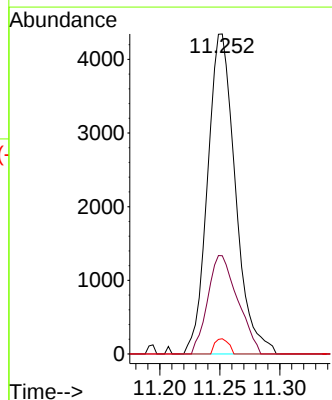
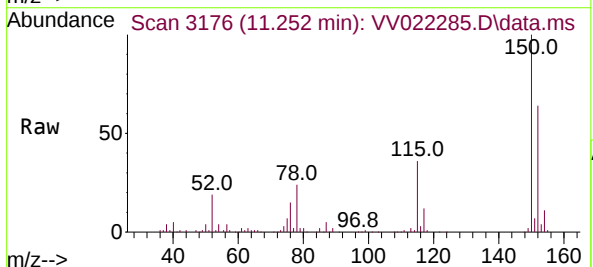
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MSVOA_V
ClientSampleId :

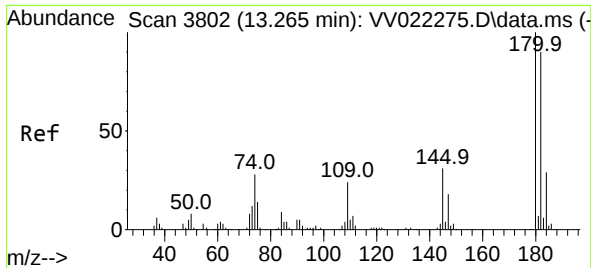
Tgt Ion: 43	Resp: 13041
Ion Ratio	Lower Upper
43 100	
58 30.1	44.1 66.1#
57 30.2	14.2 21.4#
100 1.8	10.0 15.0#



#61
1,2,3-Trichloropropane
Concen: 1.370 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.974 min
Lab File: VV022285.D
Acq: 23 Sep 2021 15:43

Tgt Ion: 75	Resp: 6999
Ion Ratio	Lower Upper
75 100	
77 33.1	25.5 38.3
110 2.3	31.7 47.5#

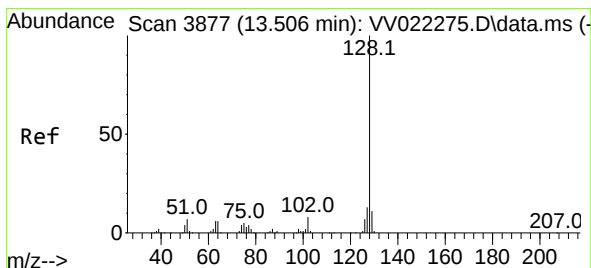
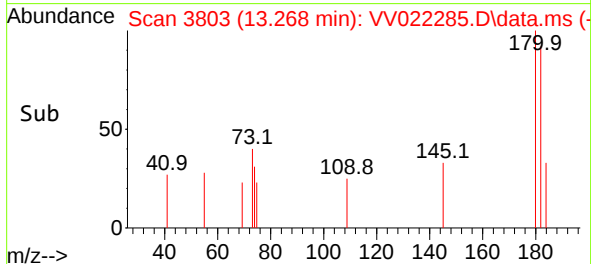
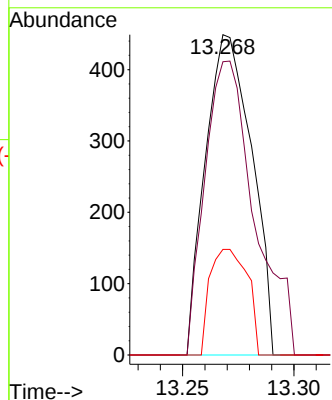
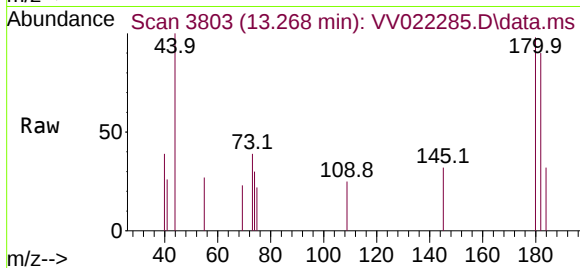




#70
1,2,4-trichlorobenzene
Concen: 0.066 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.003 min
Lab File: VV022285.D
Acq: 23 Sep 2021 15:43

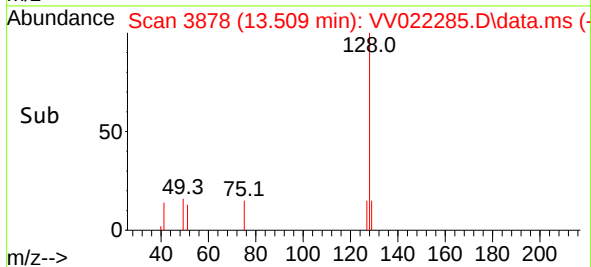
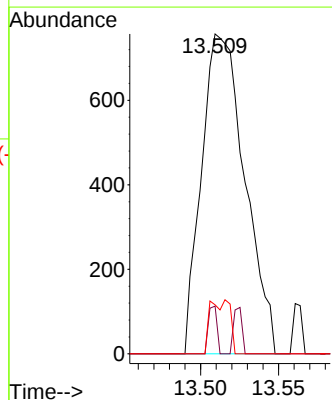
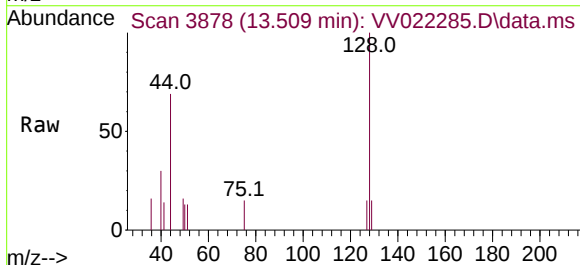
Instrument :
MSVOA_V
ClientSampled :

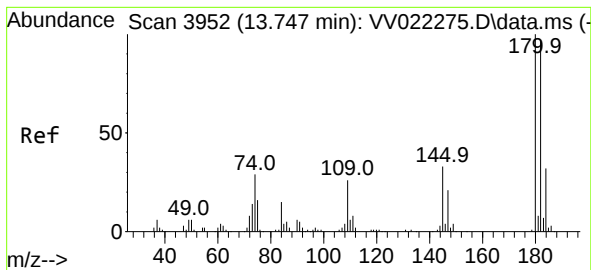
Tgt Ion:180 Resp: 649
Ion Ratio Lower Upper
180 100
182 98.2 73.1 109.7
145 26.5 23.6 35.4



#71
Naphthalene
Concen: 0.082 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VV022285.D
Acq: 23 Sep 2021 15:43

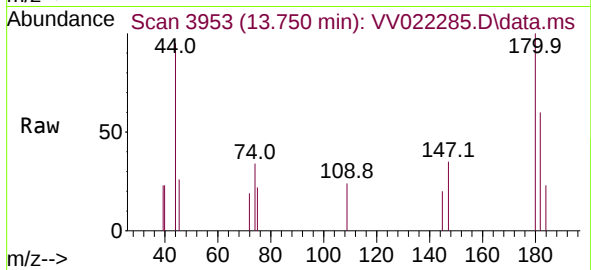
Tgt Ion:128 Resp: 1460
Ion Ratio Lower Upper
128 100
129 2.9 9.0 13.4#
127 7.8 9.9 14.9#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.089 ug/L
 RT: 13.750 min Scan# 3953
 Delta R.T. 0.003 min
 Lab File: VV022285.D
 Acq: 23 Sep 2021 15:43

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 809
 Ion Ratio Lower Upper
 180 100
 182 70.3 76.9 115.3#
 145 8.2 26.0 39.0#

