

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091721\
 Data File : VV022208.D
 Acq On : 18 Sep 2021 00:42
 Operator : SY/MD
 Sample : M3787-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 18 04:45:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 18 04:25:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	301492	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	282237	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	122360	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	112387	53.828	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 107.660%	
7) Chloroethane-d5	1.564	69	87982	53.961	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 107.920%	
11) 1,1-Dichloroethene-d2	2.104	63	152768	44.242	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 88.480%	
21) 2-Butanone-d5	3.905	46	157669	110.112	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 110.110%	
24) Chloroform-d	4.352	84	191203	50.224	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 100.440%	
26) 1,2-Dichloroethane-d4	5.034	65	119513	53.297	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.600%	
32) Benzene-d6	5.053	84	402372	52.562	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.120%	
36) 1,2-Dichloropropane-d6	6.072	67	128221	53.260	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 106.520%	
41) Toluene-d8	7.316	98	350028	48.438	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 96.880%	
43) trans-1,3-Dichloroprop...	7.625	79	48694	42.496	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 85.000%	
47) 2-Hexanone-d5	8.095	63	94451	102.249	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 102.250%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	149548	48.503	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 97.000%	
66) 1,2-Dichlorobenzene-d4	11.628	152	128620	53.470	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 106.940%	

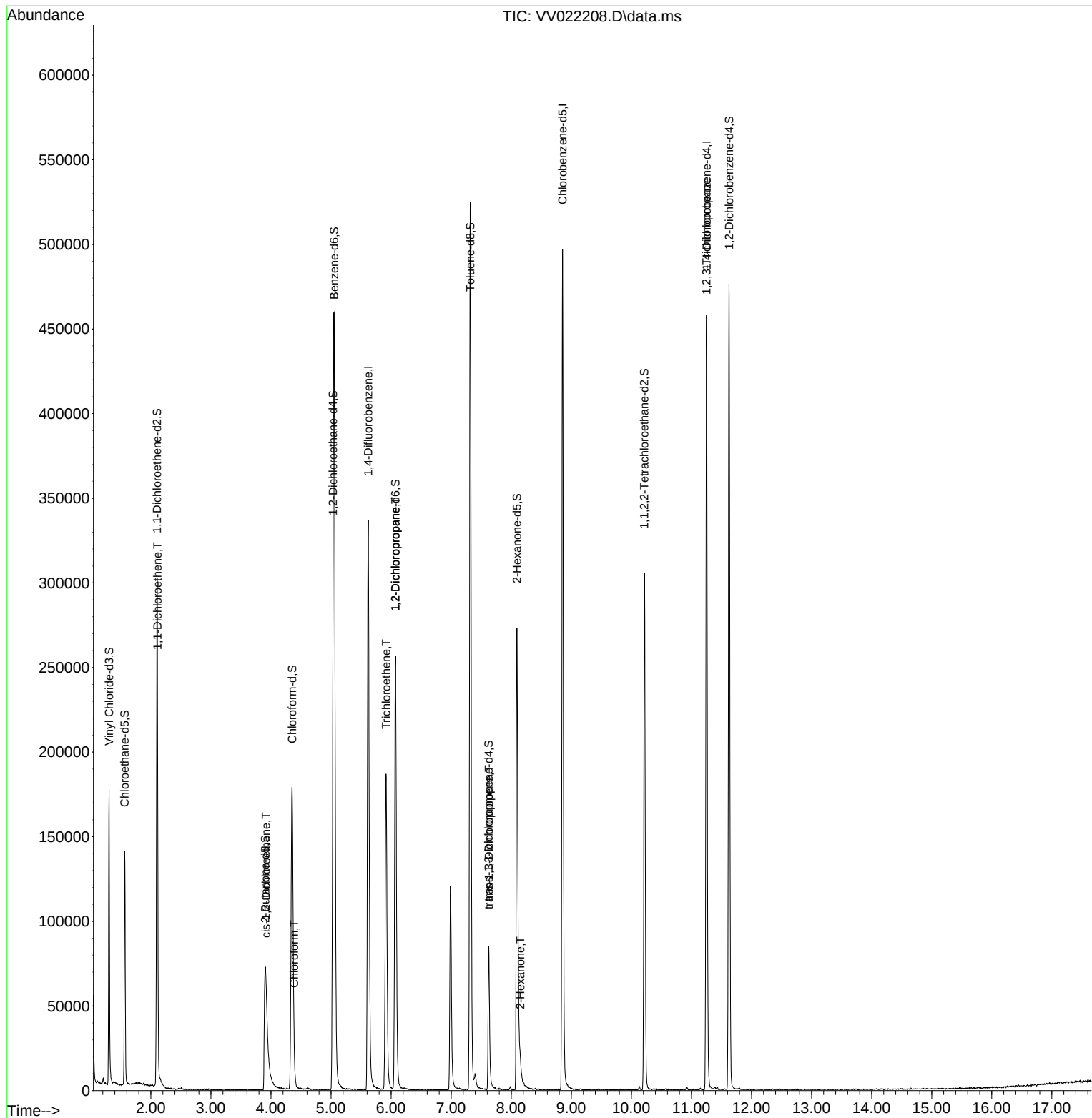
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.111	96	4262	2.451	ug/L #	1
20) cis-1,2-Dichloroethene	3.918	96	2802	1.197	ug/L	95
25) Chloroform	4.384	83	2288	0.577	ug/L	98
34) Trichloroethene	5.915	95	62001	26.656	ug/L	97
37) 1,2-Dichloropropane	6.072	63	13871	6.517	ug/L #	86
44) trans-1,3-Dichloropropene	7.628	75	2211	0.723	ug/L	83
48) 2-Hexanone	8.149	43	9190	4.105	ug/L #	61
61) 1,2,3-Trichloropropane	11.249	75	13539	6.384	ug/L #	64

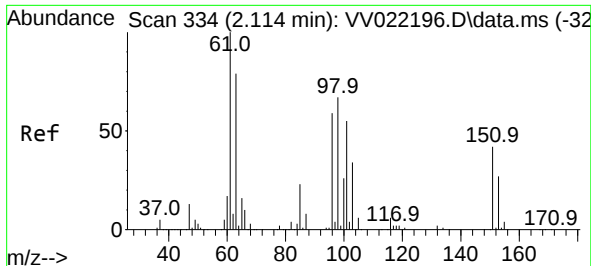
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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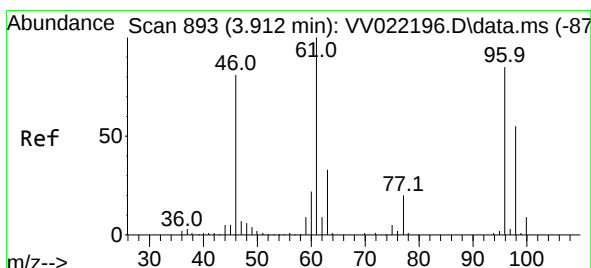
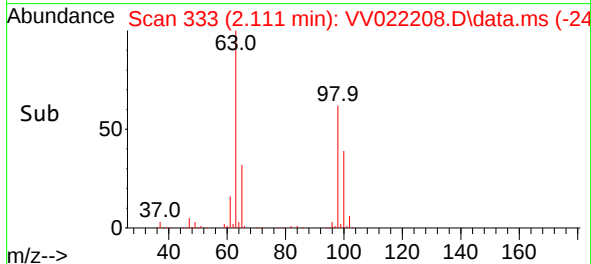
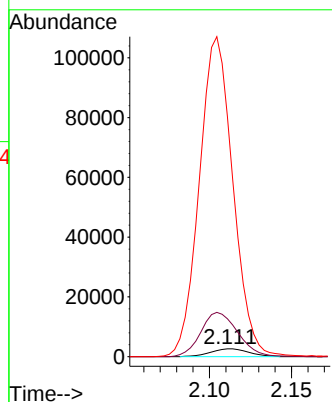
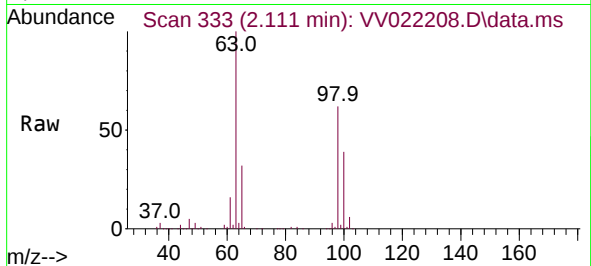




#12
1,1-Dichloroethene
Concen: 2.451 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV022208.D
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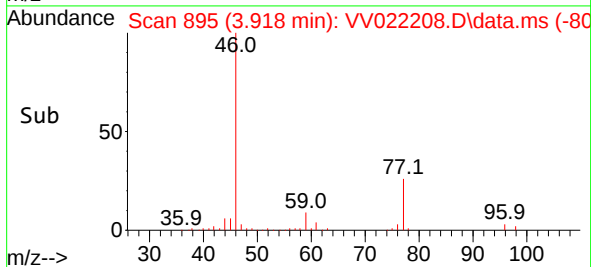
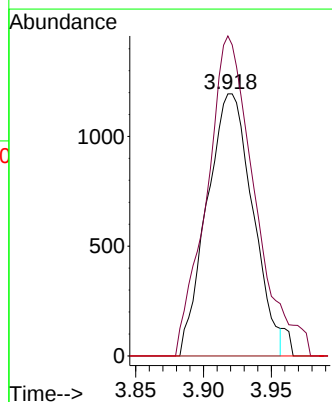
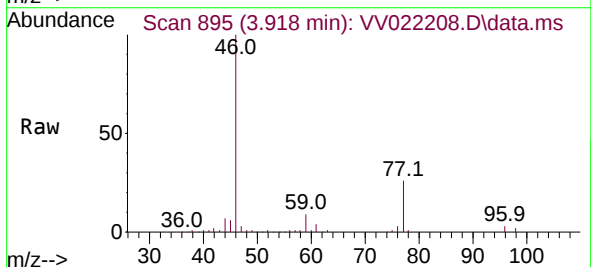
Instrument :
MSVOA_V
ClientSampled :

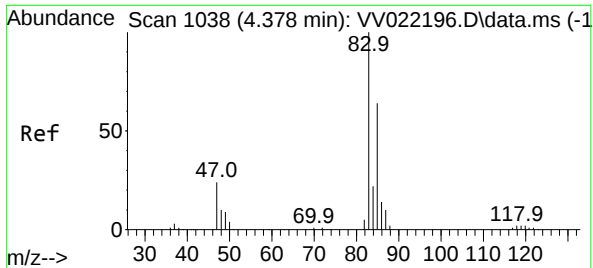
Tgt Ion: 96 Resp: 4262
Ion Ratio Lower Upper
96 100
61 485.5 113.2 210.2#
63 3069.9 102.3 189.9#



#20
cis-1,2-Dichloroethene
Concen: 1.197 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.006 min
Lab File: VV022208.D
Acq: 18 Sep 2021 00:42

Tgt Ion: 96 Resp: 2802
Ion Ratio Lower Upper
96 100
61 122.1 81.8 152.0
68 0.0 0.0 0.0

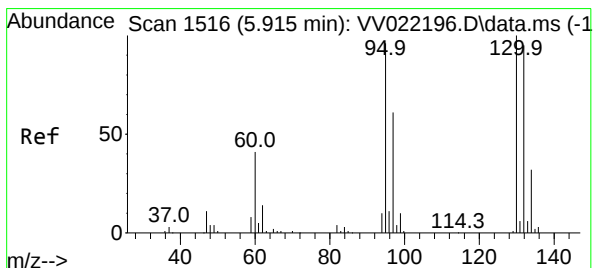
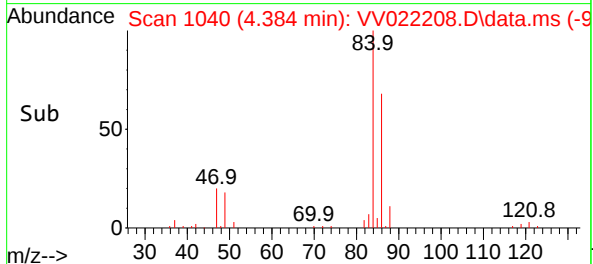
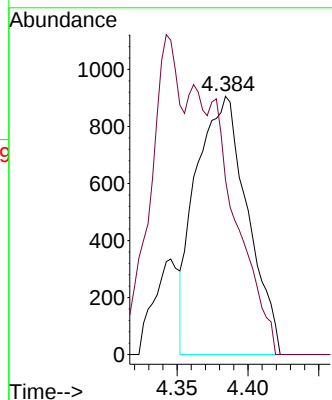
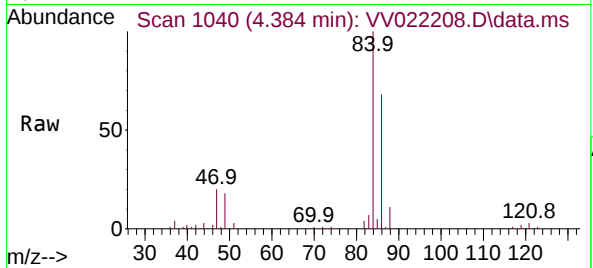




#25
Chloroform
Concen: 0.577 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VV022208.D
Acq: 18 Sep 2021 00:42

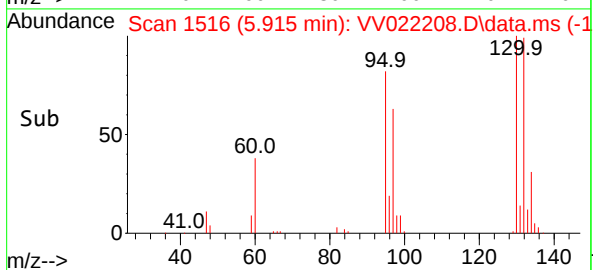
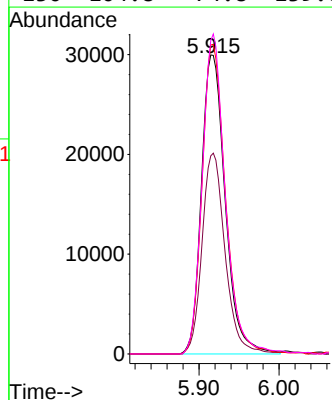
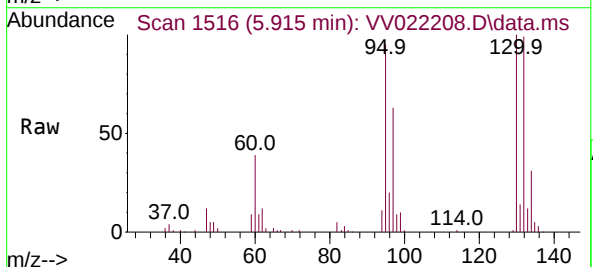
Instrument :
MSVOA_V
ClientSampled :

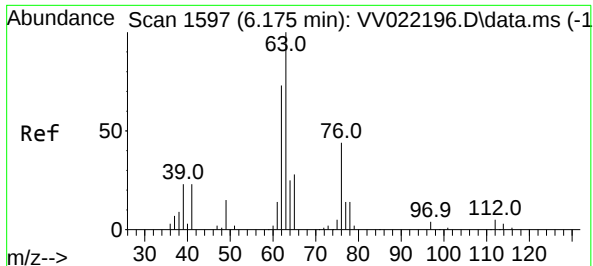
Tgt Ion: 83 Resp: 2288
Ion Ratio Lower Upper
83 100
85 67.7 46.3 85.9



#34
Trichloroethene
Concen: 26.656 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV022208.D
Acq: 18 Sep 2021 00:42

Tgt Ion: 95 Resp: 62001
Ion Ratio Lower Upper
95 100
97 66.2 44.1 81.9
132 103.3 70.7 131.3
130 104.8 74.8 139.0



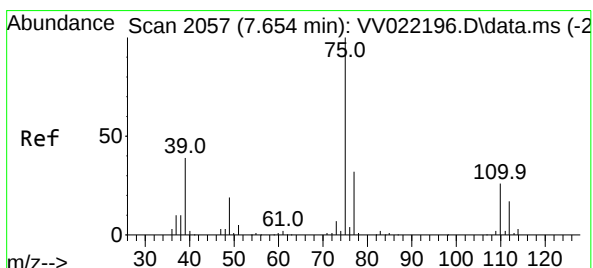
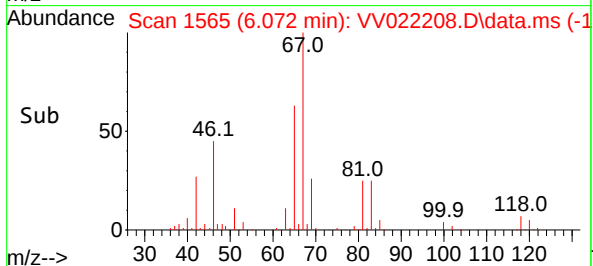
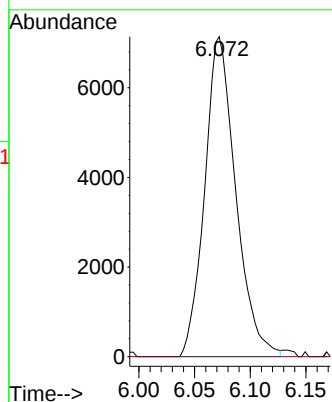
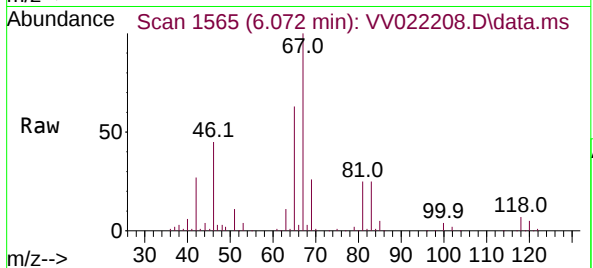


#37

1,2-Dichloropropane
Concen: 6.517 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV022208.D
Acq: 18 Sep 2021 00:42

Instrument :
MSVOA_V
ClientSampled :

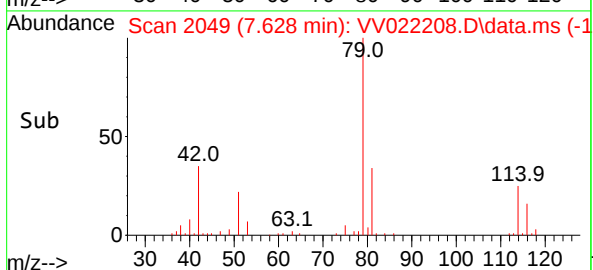
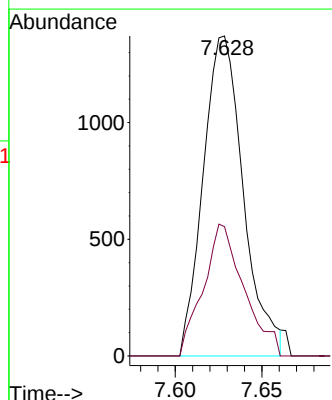
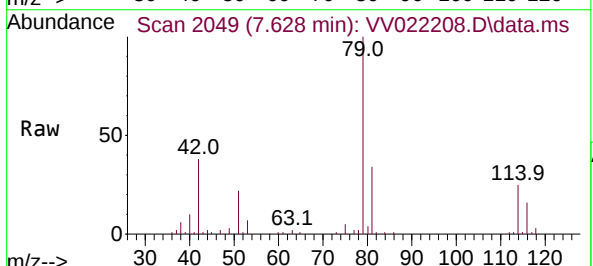
Tgt Ion: 63 Resp: 13871
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#

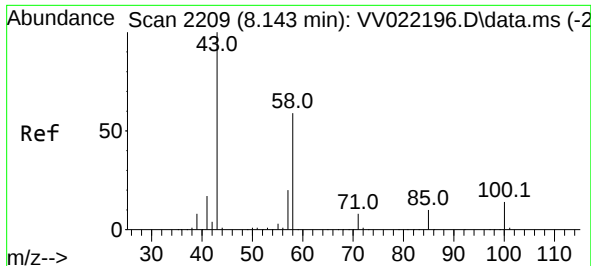


#44

trans-1,3-Dichloropropene
Concen: 0.723 ug/L
RT: 7.628 min Scan# 2049
Delta R.T. -0.026 min
Lab File: VV022208.D
Acq: 18 Sep 2021 00:42

Tgt Ion: 75 Resp: 2211
Ion Ratio Lower Upper
75 100
77 40.4 21.8 40.6

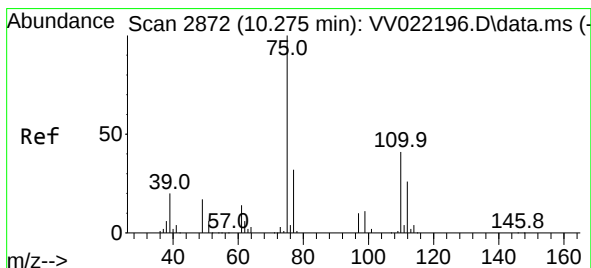
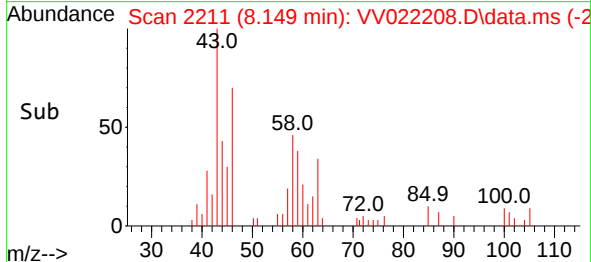
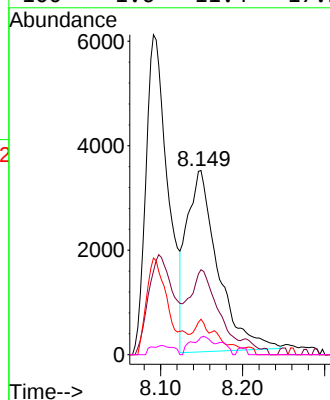
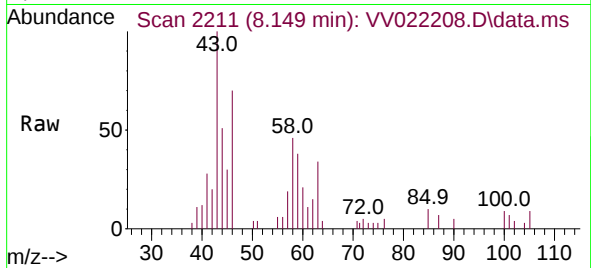




#48
2-Hexanone
Concen: 4.105 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.006 min
Lab File: VV022208.D
Acq: 18 Sep 2021 00:42

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:	43	Resp:	9190
Ion	Ratio	Lower	Upper
43	100		
58	28.4	47.5	71.3#
57	2.7	15.9	23.9#
100	1.6	11.4	17.2#



#61
1,2,3-Trichloropropane
Concen: 6.384 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022208.D
Acq: 18 Sep 2021 00:42

Tgt Ion:	75	Resp:	13539
Ion	Ratio	Lower	Upper
75	100		
77	33.1	26.2	39.2
110	2.4	33.8	50.6#

