

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020329.D
 Acq On : 06 Oct 2021 21:47
 Operator : SY/VA
 Sample : M4000-02
 Misc : 7.46g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 07 01:55:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 07 01:49:38 2021
 Response via : Initial Calibration

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

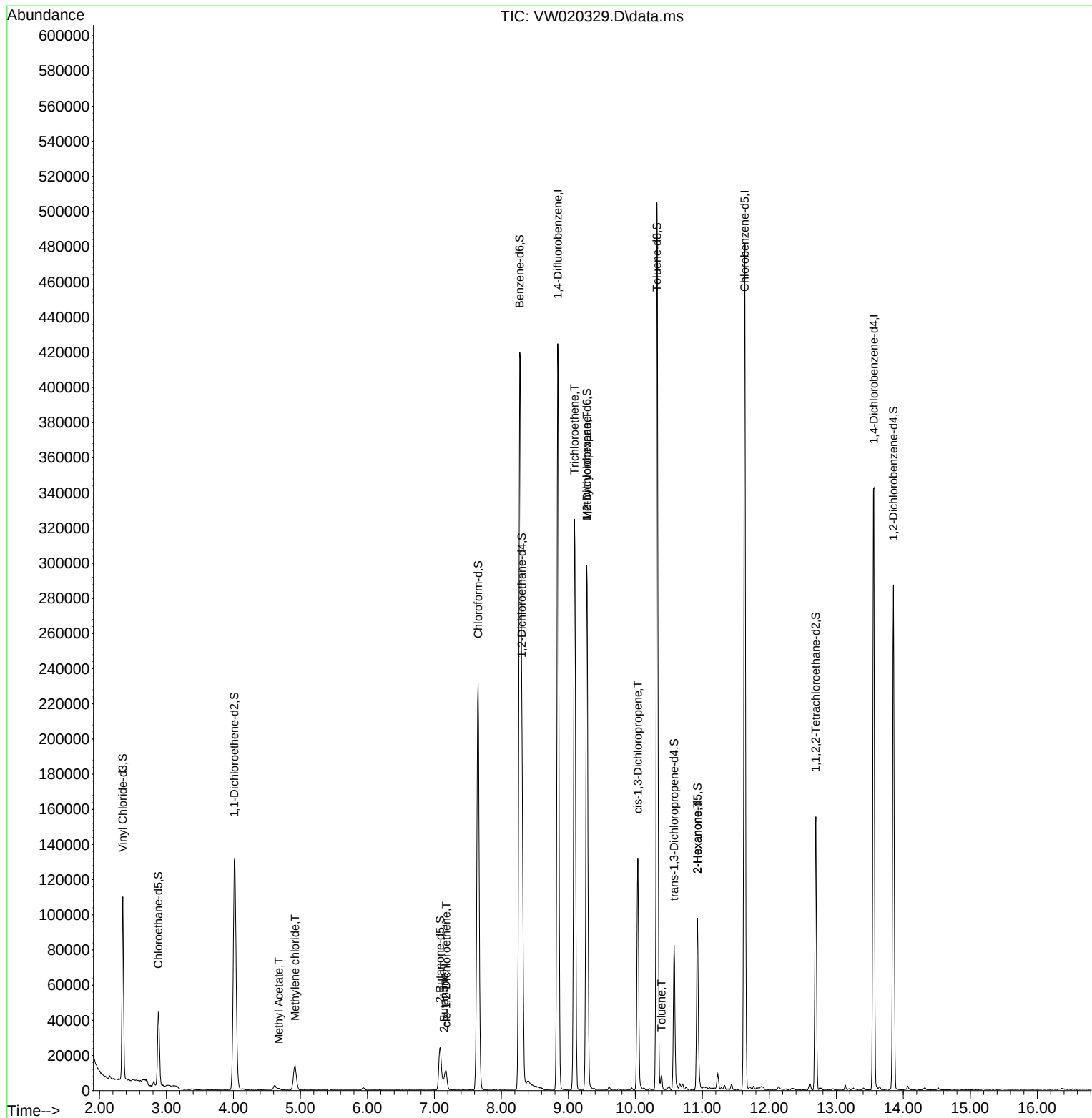
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	325541	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	249613	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	86054	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	96254	21.453	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.800%		
7) Chloroethane-d5	2.879	69	46486	23.911	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.640%		
11) 1,1-Dichloroethene-d2	4.013	63	133768	14.478	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	57.920%		
21) 2-Butanone-d5	7.086	46	42257	37.076	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	74.160%		
24) Chloroform-d	7.653	84	228823	24.480	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	97.920%		
26) 1,2-Dichloroethane-d4	8.305	65	126429	24.714	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	98.840%		
32) Benzene-d6	8.275	84	418466	27.689	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	110.760%		
36) 1,2-Dichloropropane-d6	9.274	67	139042	29.005	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	116.000%		
41) Toluene-d8	10.323	98	313689	22.916	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	91.680%		
43) trans-1,3-Dichloroprop...	10.579	79	43292	22.196	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.800%		
47) 2-Hexanone-d5	10.927	63	30048	45.352	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.700%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	76919	22.990	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.960%		
66) 1,2-Dichlorobenzene-d4	13.853	152	70212	23.300	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.200%		
Target Compounds						Qvalue
15) Methyl Acetate	4.678	43	1738	0.812	ug/L #	85
16) Methylene chloride	4.922	84	9968	1.715	ug/L	95
20) cis-1,2-Dichloroethene	7.177	96	5303	1.094	ug/L	89
22) 2-Butanone	7.147	43	4572	3.174	ug/L #	51
34) Trichloroethene	9.091	95	114226	26.749	ug/L	97
35) Methylcyclohexane	9.274	83	32227	4.326	ug/L #	16
39) cis-1,3-Dichloropropene	10.036	75	3331	0.545	ug/L #	75
42) Toluene	10.390	91	5747	0.329	ug/L	95
48) 2-Hexanone	10.927	43	7276	4.222	ug/L #	62

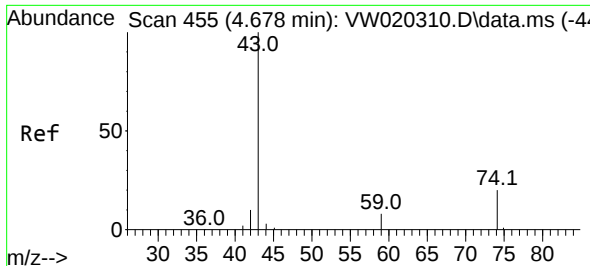
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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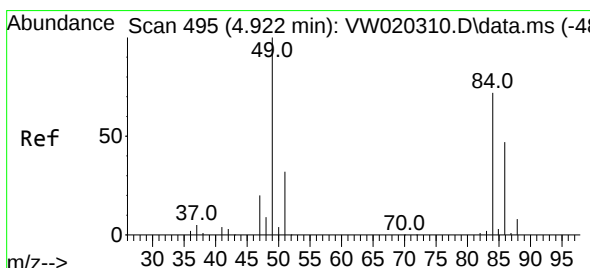
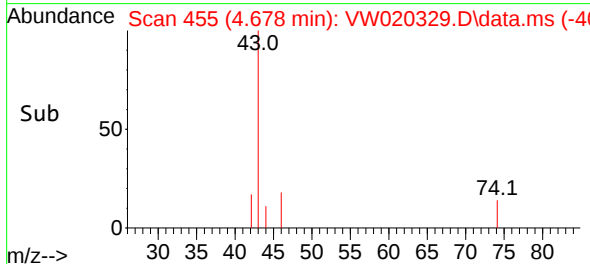
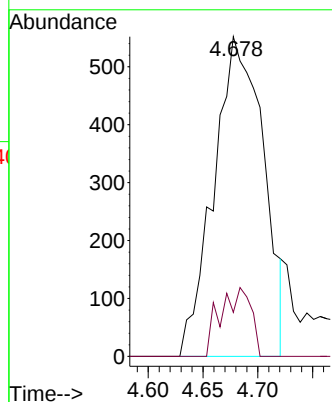
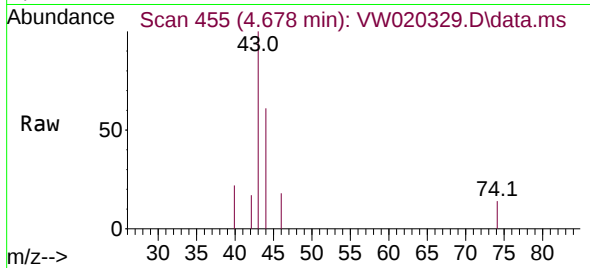




#15
Methyl Acetate
Concen: 0.812 ug/L
RT: 4.678 min Scan# 455
Delta R.T. -0.000 min
Lab File: VW020329.D
Acq: 06 Oct 2021 21:47

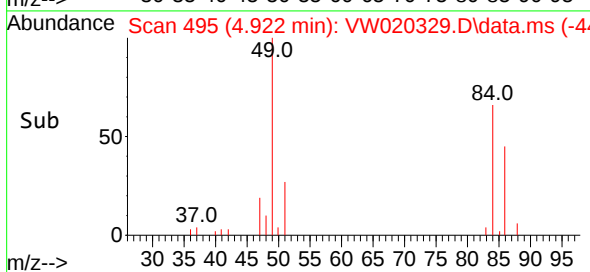
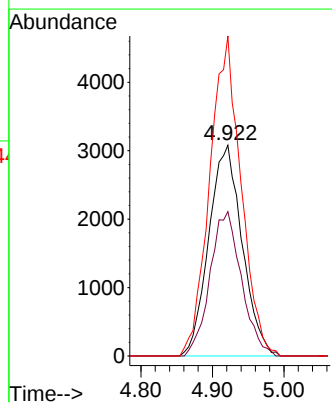
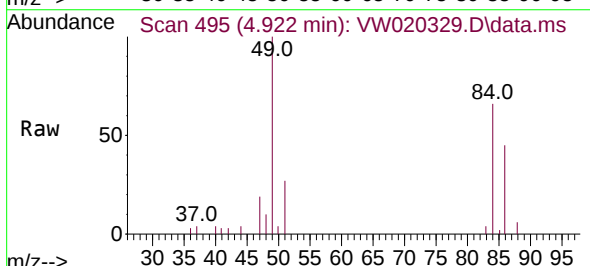
Instrument :
MSVOA_W
ClientSampled :

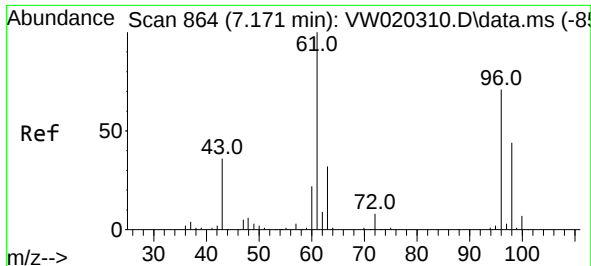
Tgt Ion: 43 Resp: 1738
Ion Ratio Lower Upper
43 100
74 13.2 16.1 24.1#



#16
Methylene chloride
Concen: 1.715 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW020329.D
Acq: 06 Oct 2021 21:47

Tgt Ion: 84 Resp: 9968
Ion Ratio Lower Upper
84 100
86 68.5 44.7 83.1
49 151.9 101.7 188.9

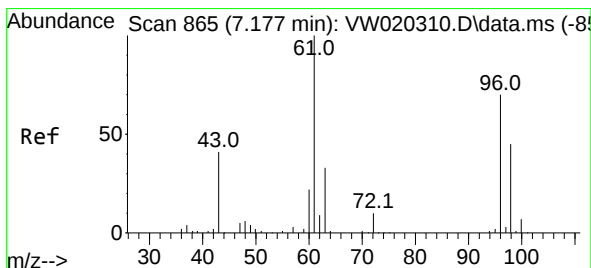
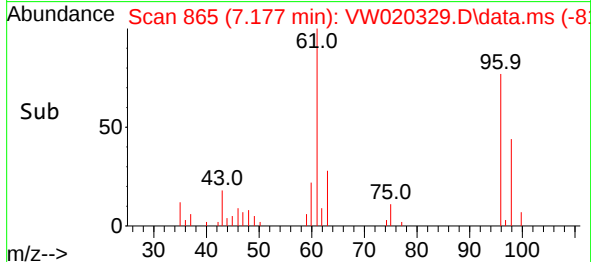
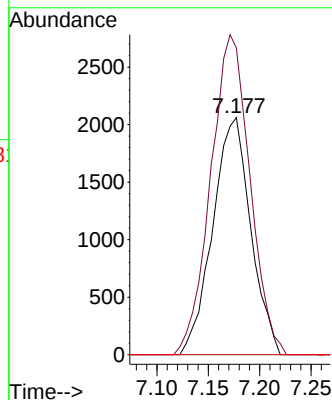
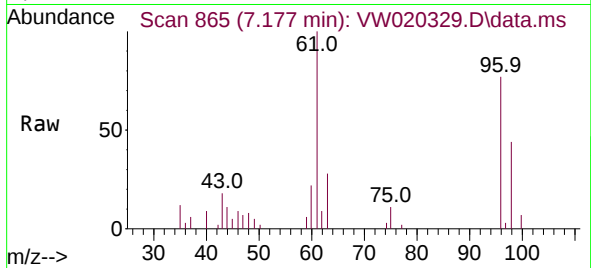




#20
cis-1,2-Dichloroethene
Concen: 1.094 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020329.D
Acq: 06 Oct 2021 21:47

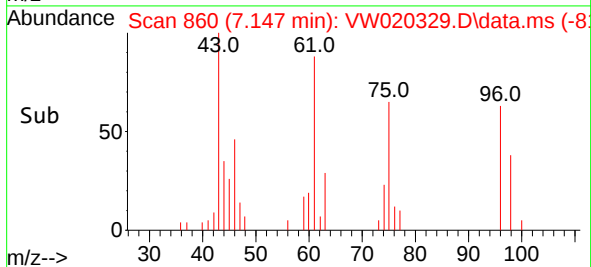
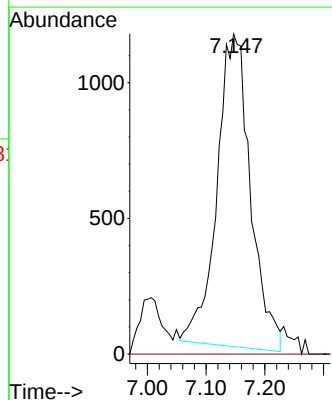
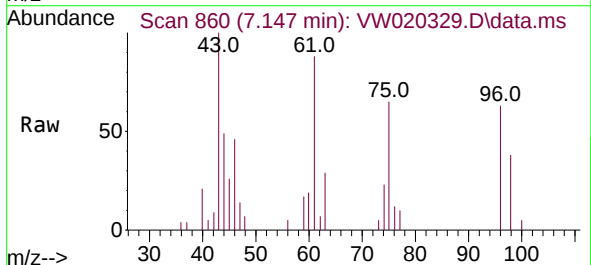
Instrument :
MSVOA_W
ClientSampled :

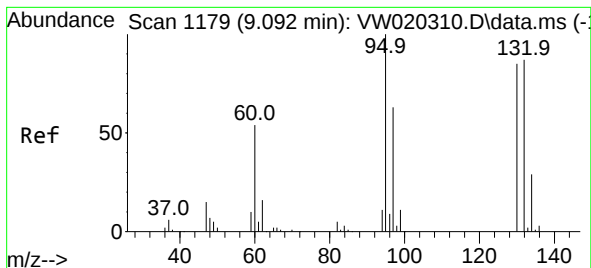
Tgt Ion: 96 Resp: 5303
Ion Ratio Lower Upper
96 100
61 129.3 100.3 186.3
68 0.0 0.0 0.0



#22
2-Butanone
Concen: 3.174 ug/L
RT: 7.147 min Scan# 860
Delta R.T. -0.031 min
Lab File: VW020329.D
Acq: 06 Oct 2021 21:47

Tgt Ion: 43 Resp: 4572
Ion Ratio Lower Upper
43 100
72 0.0 12.2 36.6#

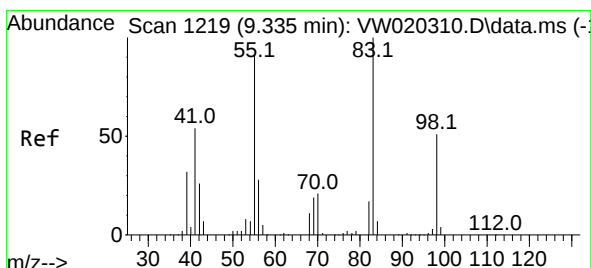
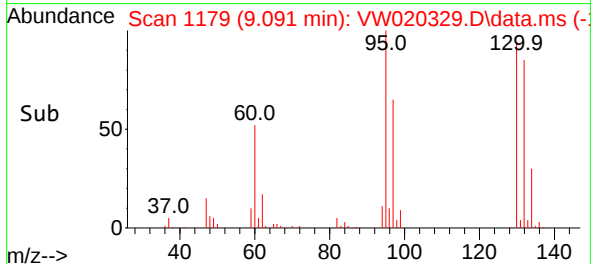
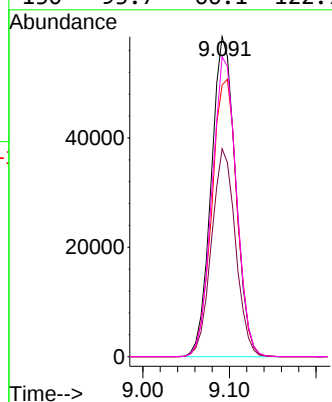
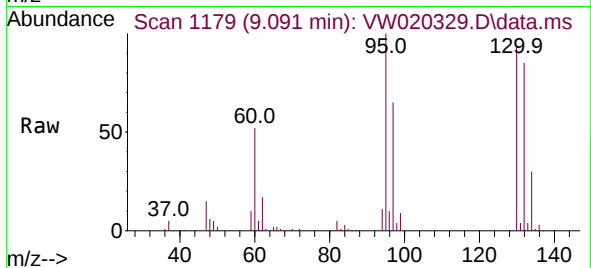




#34
Trichloroethene
Concen: 26.749 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020329.D
Acq: 06 Oct 2021 21:47

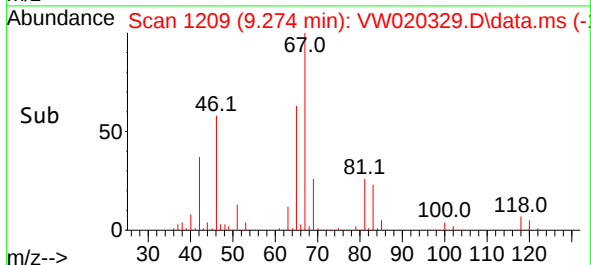
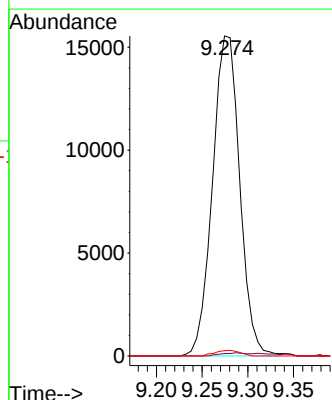
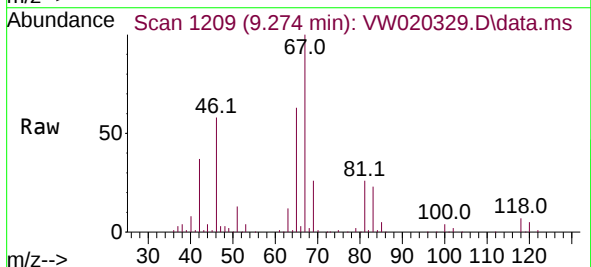
Instrument :
MSVOA_W
ClientSampled :

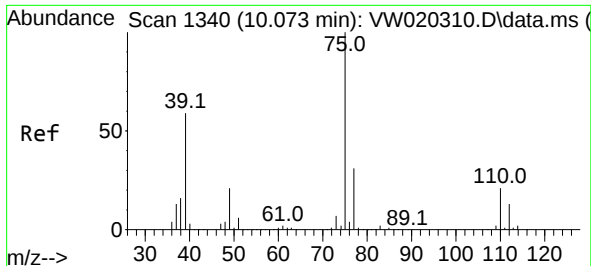
Tgt Ion: 95 Resp: 114226
Ion Ratio Lower Upper
95 100
97 64.9 43.2 80.2
132 84.9 62.3 115.7
130 93.7 66.1 122.7



#35
Methylcyclohexane
Concen: 4.326 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW020329.D
Acq: 06 Oct 2021 21:47

Tgt Ion: 83 Resp: 32227
Ion Ratio Lower Upper
83 100
55 0.9 69.7 104.5#
98 1.6 38.2 57.2#

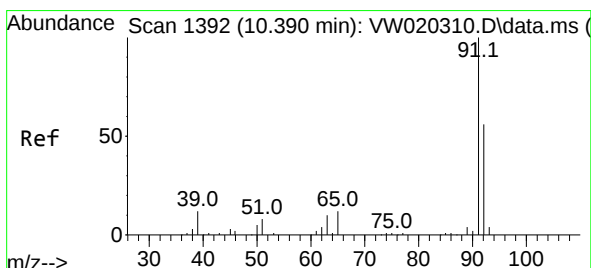
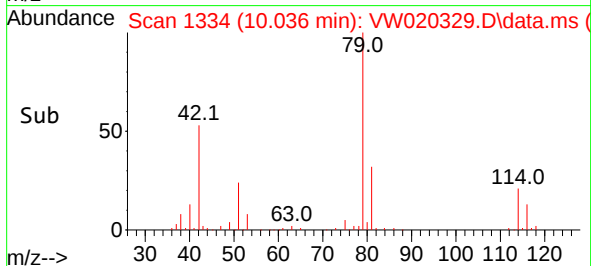
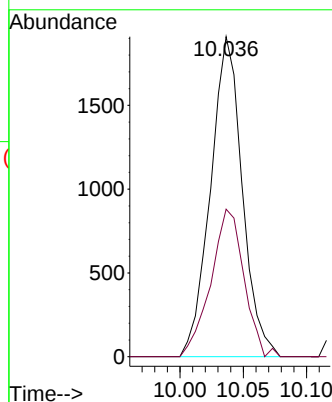
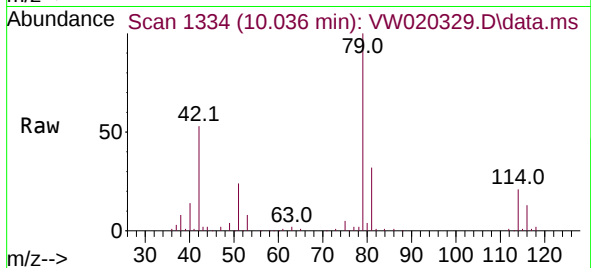




#39
cis-1,3-Dichloropropene
Concen: 0.545 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW020329.D
Acq: 06 Oct 2021 21:47

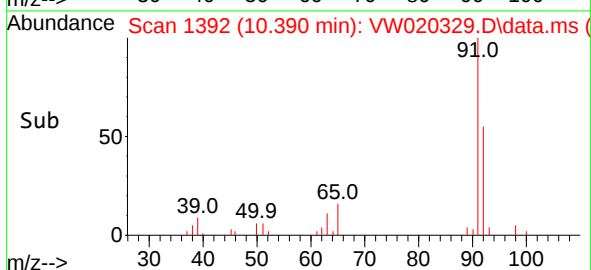
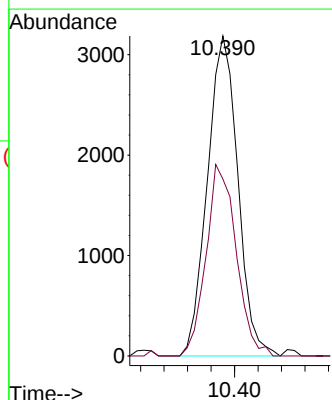
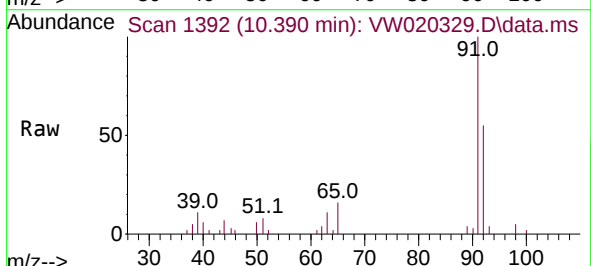
Instrument :
MSVOA_W
ClientSampled :

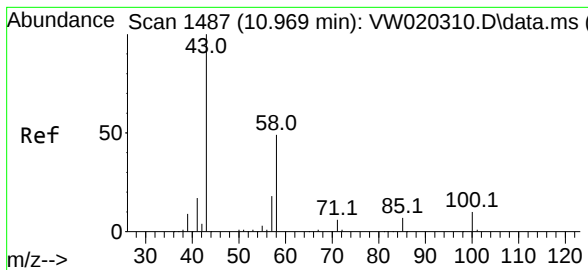
Tgt Ion: 75 Resp: 3331
Ion Ratio Lower Upper
75 100
77 46.1 22.4 41.6#



#42
Toluene
Concen: 0.329 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020329.D
Acq: 06 Oct 2021 21:47

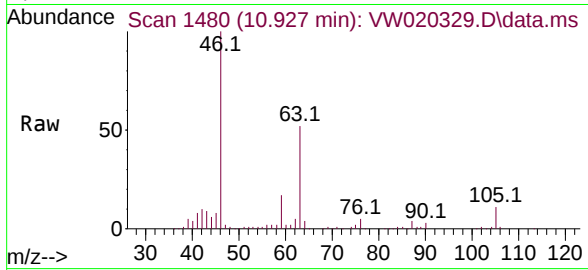
Tgt Ion: 91 Resp: 5747
Ion Ratio Lower Upper
91 100
92 55.3 41.5 77.1





#48
 2-Hexanone
 Concen: 4.222 ug/L
 RT: 10.927 min Scan# 1480
 Delta R.T. -0.043 min
 Lab File: VW020329.D
 Acq: 06 Oct 2021 21:47

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 43	Resp: 7276
Ion Ratio	Lower Upper
43	100
58	17.3 39.5 59.3#
57	27.1 14.2 21.4#
100	0.0 8.2 12.4#

