

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018531.D
 Acq On : 01 Apr 2021 12:55
 Operator : SY/VA
 Sample : M1881-01
 Misc : 5.86G/10ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ESQF5RE

Quant Time: Apr 02 03:30:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 03:28:33 2021
 Response via : Initial Calibration

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

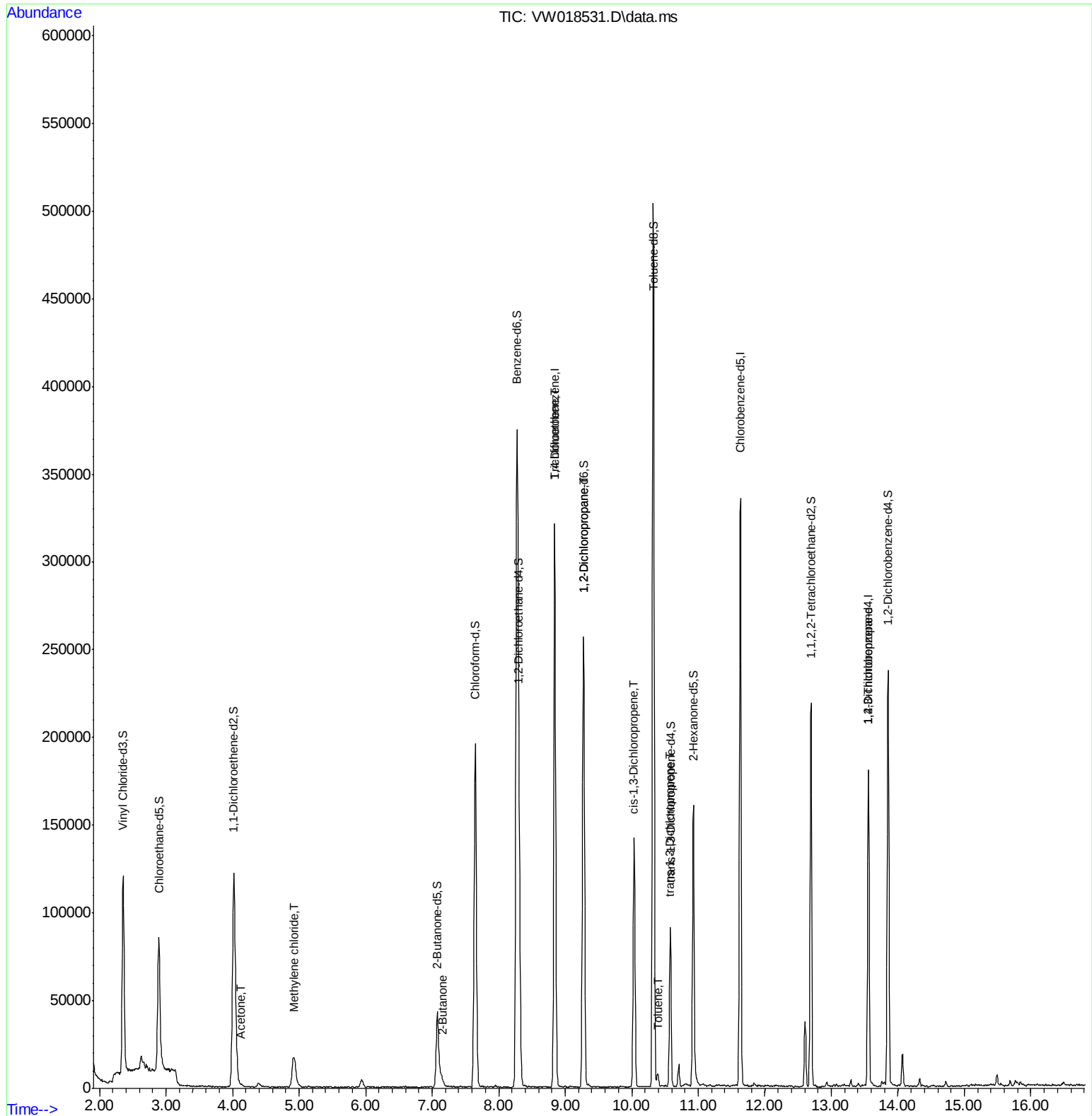
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	258515	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	176413	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	44477	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	136237	37.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 151.48%#			
7) Chloroethane-d5	2.891	69	101621	32.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 129.08%			
10) 1,1-Dichloroethene-d2	4.013	63	136920	22.04	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 88.16%			
20) 2-Butanone-d5	7.074	46	68821	85.93	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 171.86%#			
24) Chloroform-d	7.647	84	195082	29.63	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 118.52%			
26) 1,2-Dichloroethane-d4	8.305	65	133429	34.71	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 138.84%#			
29) Benzene-d6	8.275	84	377687	40.27	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 161.08%#			
33) 1,2-Dichloropropane-d6	9.274	67	113491	41.95	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 167.80%#			
37) Toluene-d8	10.323	98	328540	36.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 145.52%#			
38) trans-1,3-Dichloroprop...	10.579	79	48767	34.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 139.80%#			
39) 2-Hexanone-d5	10.927	63	52937	99.99	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 199.98%#			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	103676	42.84	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 171.36%#			
61) 1,2-Dichlorobenzene-d4	13.853	152	60978	38.56	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 154.24%#			
Target Compounds						
13) Acetone	4.117	43	1045	1.82	ug/L	89
16) Methylene chloride	4.922	84	15523	3.66	ug/L	88
21) 2-Butanone	7.159	43	1032	1.13	ug/L #	42
35) Trichloroethene	8.842	95	8258	2.93	ug/L #	6
40) 1,2-Dichloropropane	9.274	63	14010	5.61	ug/L #	84
42) cis-1,3-Dichloropropene	10.030	75	4420	1.05	ug/L	88
44) Toluene	10.390	91	5224	0.45	ug/L	99
45) trans-1,3-Dichloropropene	10.573	75	2470	0.65	ug/L #	63
59) 1,2,3-Trichloropropane	13.554	75	6072	3.33	ug/L	95

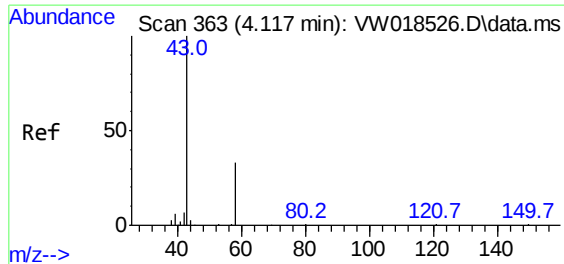
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 02 03:28:33 2021
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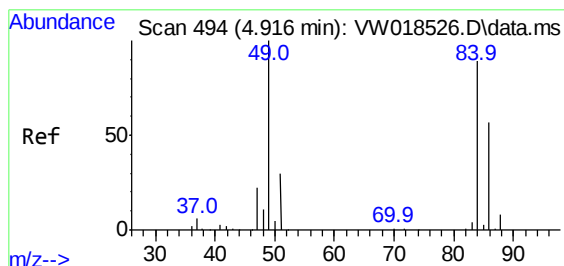
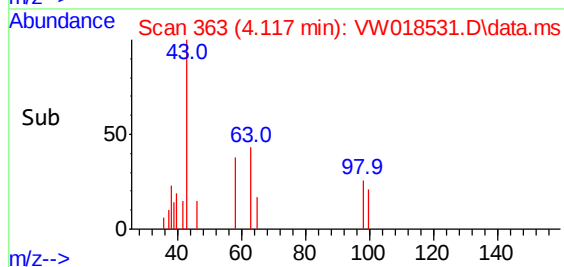
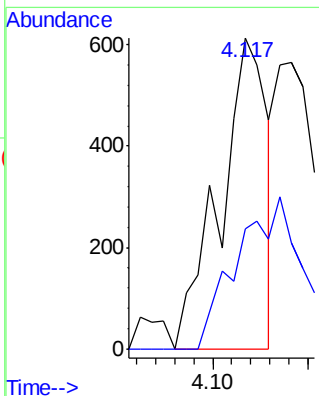
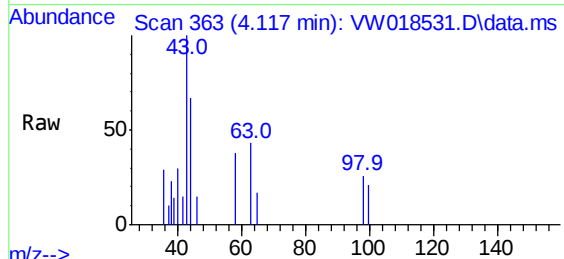




#13
Acetone
Concen: 1.82 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW018531.D
Acq: 01 Apr 2021 12:55

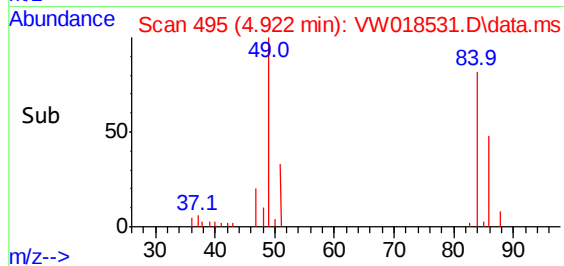
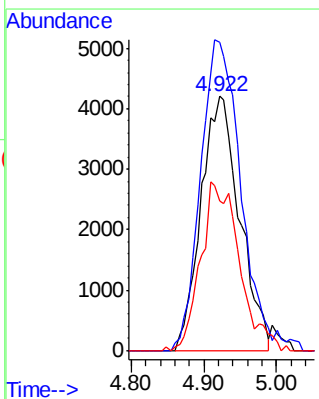
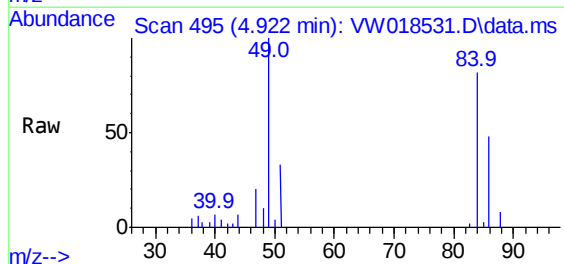
Instrument :
MSVOA_W
ClientSampleId :
ESQF5RE

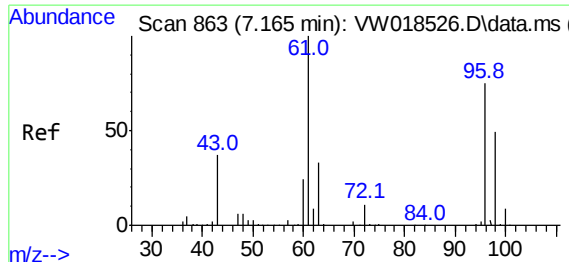
Tgt Ion: 43 Resp: 1045
Ion Ratio Lower Upper
43 100
58 37.2 0.0 62.2



#16
Methylene chloride
Concen: 3.66 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018531.D
Acq: 01 Apr 2021 12:55

Tgt Ion: 84 Resp: 15523
Ion Ratio Lower Upper
84 100
49 121.4 74.4 138.2
86 58.9 46.1 85.7

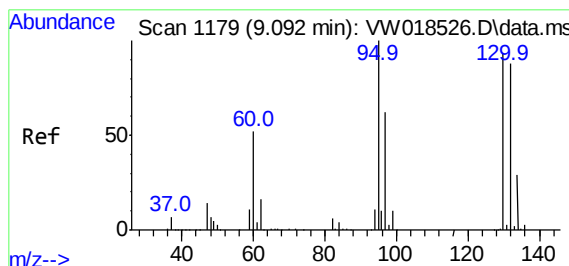
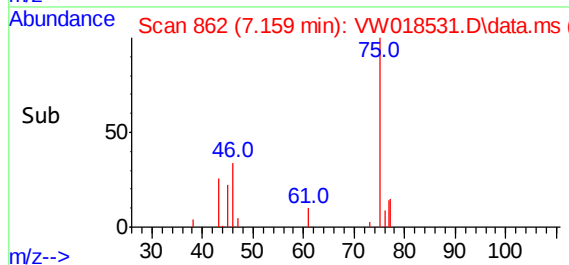
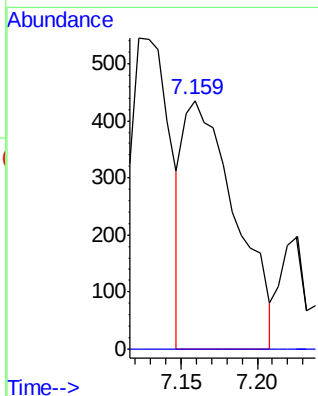
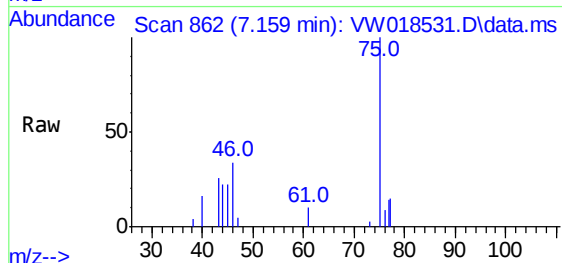




#21
2-Butanone
Concen: 1.13 ug/L
RT: 7.159 min Scan# 862
Delta R.T. -0.006 min
Lab File: VW018531.D
Acq: 01 Apr 2021 12:55

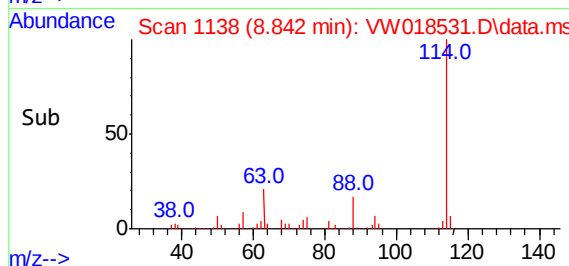
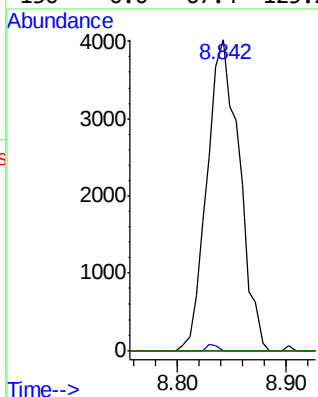
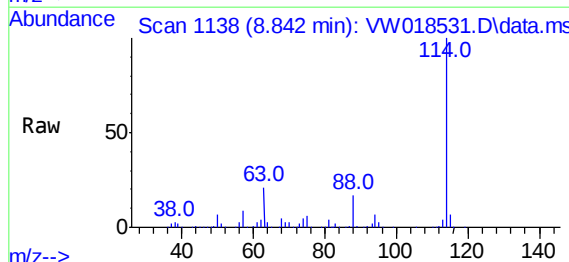
Instrument :
MSVOA_W
ClientSampled :
ESQF5RE

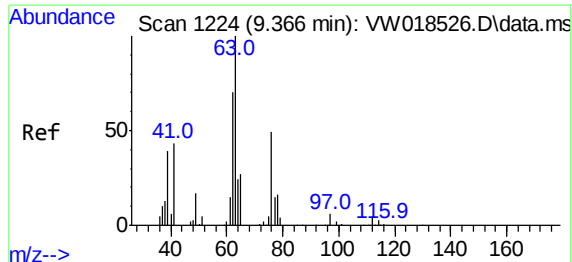
Tgt Ion: 43 Resp: 1032
Ion Ratio Lower Upper
43 100
72 0.0 16.5 49.5#



#35
Trichloroethene
Concen: 2.93 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018531.D
Acq: 01 Apr 2021 12:55

Tgt Ion: 95 Resp: 8258
Ion Ratio Lower Upper
95 100
97 0.6 44.4 82.4#
132 0.0 65.9 122.5#
130 0.0 67.4 125.2#

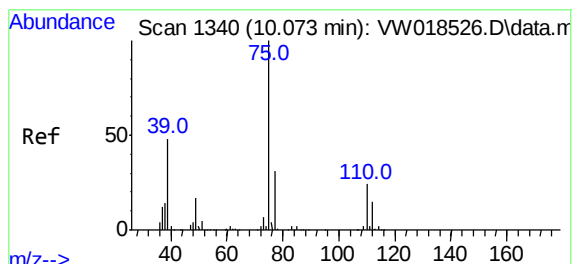
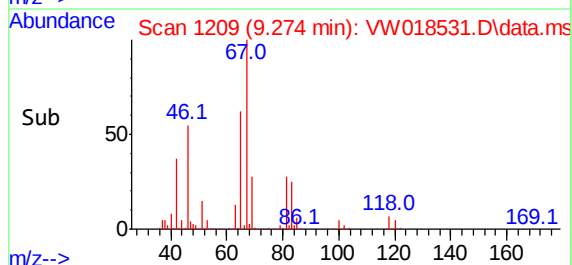
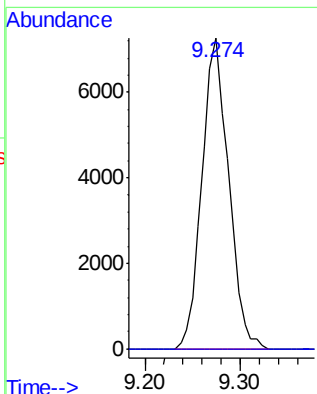
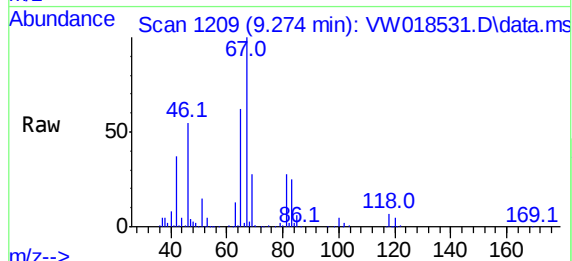




#40
1,2-Dichloropropane
Concen: 5.61 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018531.D
Acq: 01 Apr 2021 12:55

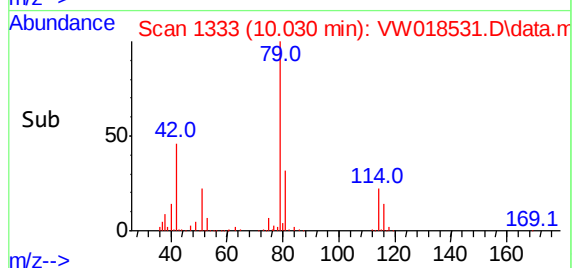
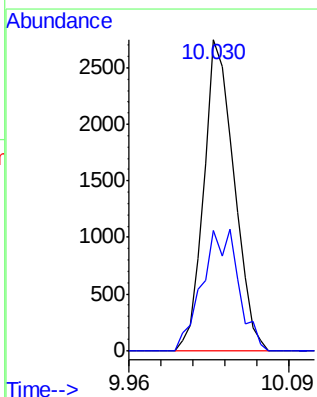
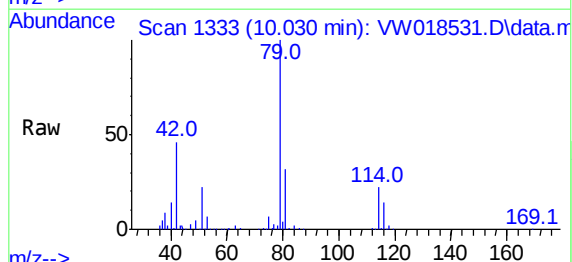
Instrument :
MSVOA_W
ClientSampleId :
ESQF5RE

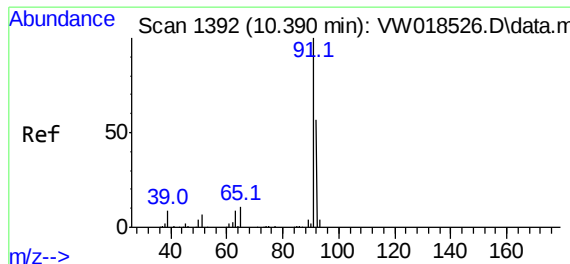
Tgt Ion: 63 Resp: 14010
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 1.05 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018531.D
Acq: 01 Apr 2021 12:55

Tgt Ion: 75 Resp: 4420
Ion Ratio Lower Upper
75 100
77 38.6 22.4 41.6

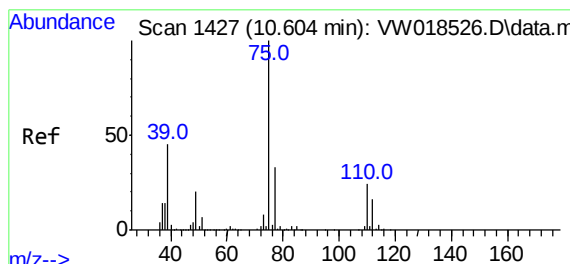
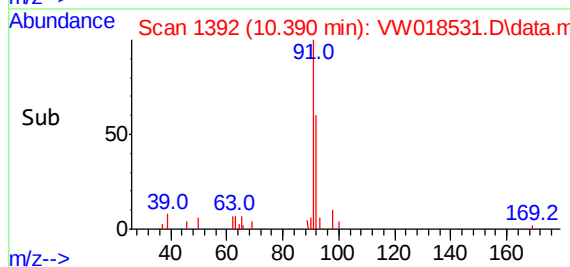
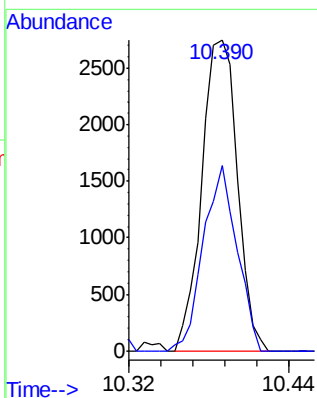
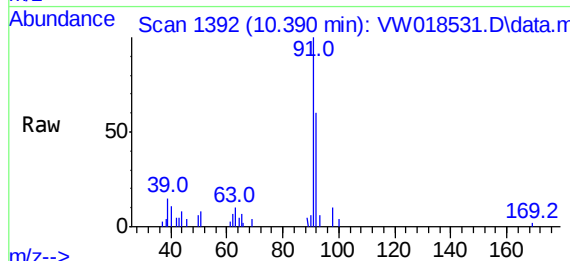




#44
Toluene
Concen: 0.45 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018531.D
Acq: 01 Apr 2021 12:55

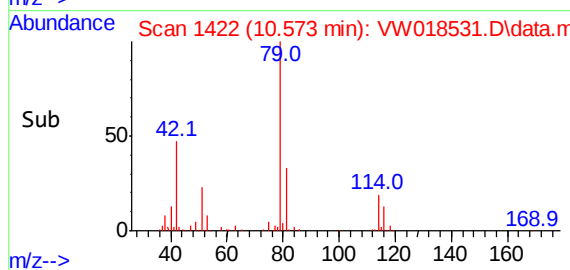
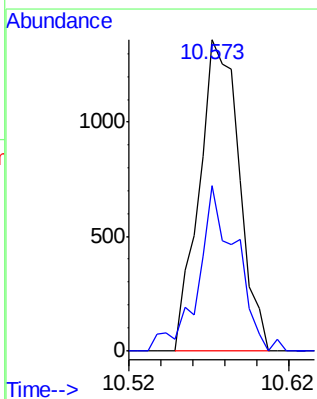
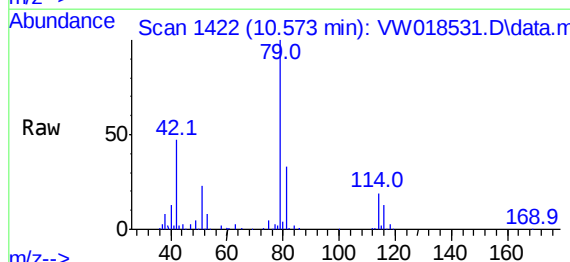
Instrument :
MSVOA_W
ClientSampled :
ESQF5RE

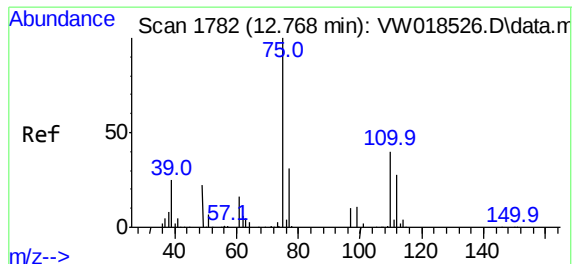
Tgt Ion: 91 Resp: 5224
Ion Ratio Lower Upper
91 100
92 59.5 42.3 78.5



#45
trans-1,3-Dichloropropene
Concen: 0.65 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.031 min
Lab File: VW018531.D
Acq: 01 Apr 2021 12:55

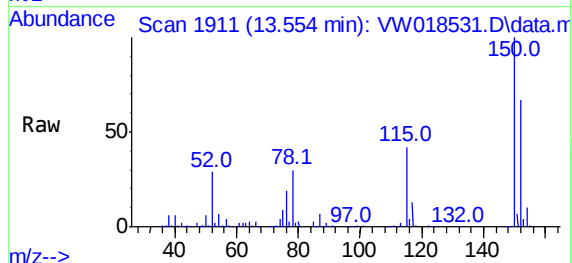
Tgt Ion: 75 Resp: 2470
Ion Ratio Lower Upper
75 100
77 53.0 22.6 42.0#





#59
1,2,3-Trichloropropane
Concen: 3.33 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018531.D
Acq: 01 Apr 2021 12:55

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Tgt Ion: 75 Resp: 6072
Ion Ratio Lower Upper
75 100
77 35.0 25.6 38.4

