

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
 Data File : VW017929.D
 Acq On : 18 Jan 2021 15:32
 Operator : SY/VA
 Sample : M1099-15RE
 Misc : 7.47G/10ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C11RE

Quant Time: Jan 19 06:57:03 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 19 06:55:11 2021
 Response via : Initial Calibration

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

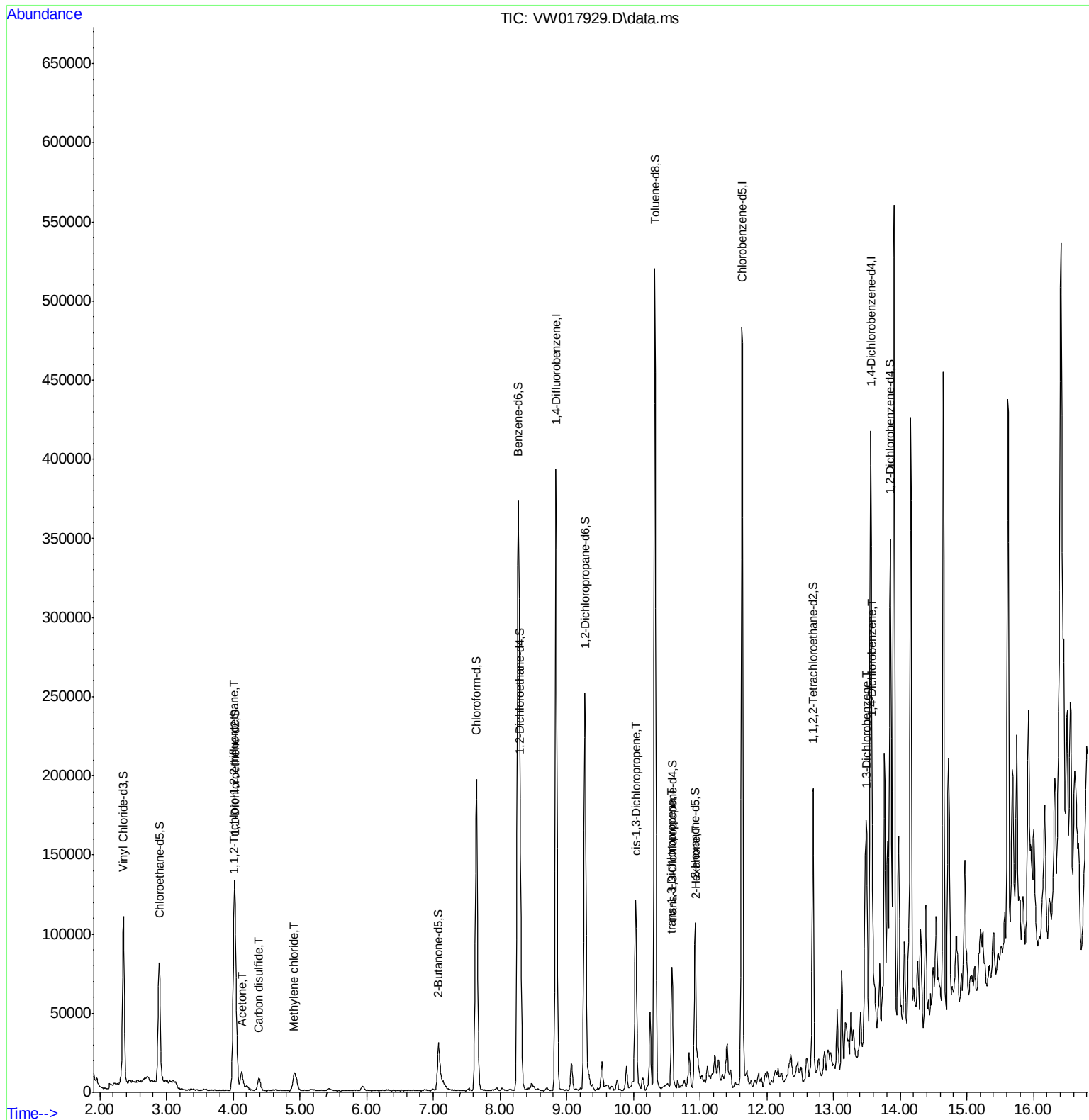
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	311968	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	252064	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	88470	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	109635	22.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.56%		
7) Chloroethane-d5	2.891	69	91187	22.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.24%		
10) 1,1-Dichloroethene-d2	4.019	63	144199	16.30	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	65.20%		
20) 2-Butanone-d5	7.080	46	48951	41.34	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	82.68%		
24) Chloroform-d	7.646	84	185947	21.84	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.36%		
26) 1,2-Dichloroethane-d4	8.305	65	114569	23.79	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	95.16%		
29) Benzene-d6	8.274	84	362322	25.12	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	100.48%		
33) 1,2-Dichloropropane-d6	9.274	67	107774	26.25	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	105.00%		
37) Toluene-d8	10.323	98	321526	23.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	94.96%		
38) trans-1,3-Dichloroprop...	10.579	79	39783	21.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	84.88%		
39) 2-Hexanone-d5	10.926	63	36592	49.72	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	99.44%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	83964	23.00	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	92.00%		
61) 1,2-Dichlorobenzene-d4	13.853	152	67437	21.91	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.64%		
Target Compounds						Qvalue
11) 1,1,2-Trichloro-1,2,2-...	4.007	101	1553	0.36	ug/L #	35
13) Acetone	4.129	43	22103	26.50	ug/L	93
14) Carbon disulfide	4.385	76	17660	1.39	ug/L #	94
16) Methylene chloride	4.909	84	3919	0.87	ug/L	90
42) cis-1,3-Dichloropropene	10.036	75	3623	0.63	ug/L	94
45) trans-1,3-Dichloropropene	10.573	75	2409	0.48	ug/L	95
49) 2-Hexanone	10.932	43	6813	4.12	ug/L #	54
63) 1,3-Dichlorobenzene	13.499	146	44322	8.00	ug/L	95
64) 1,4-Dichlorobenzene	13.578	146	35024	6.29	ug/L	98

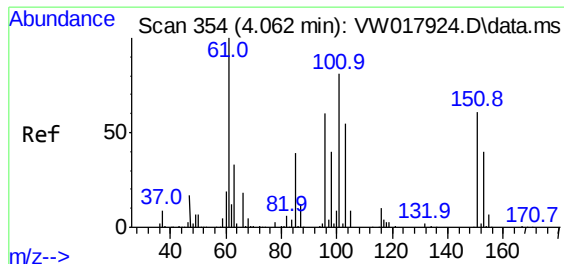
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 19 06:55:11 2021
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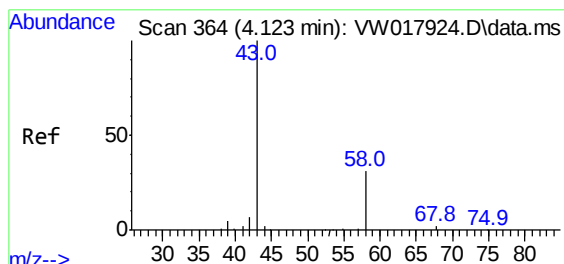
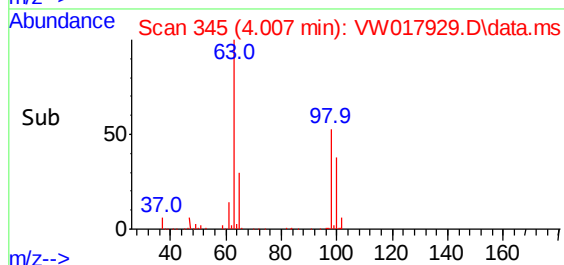
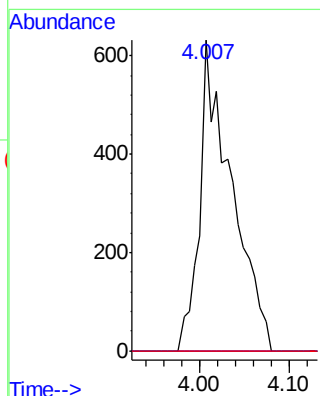
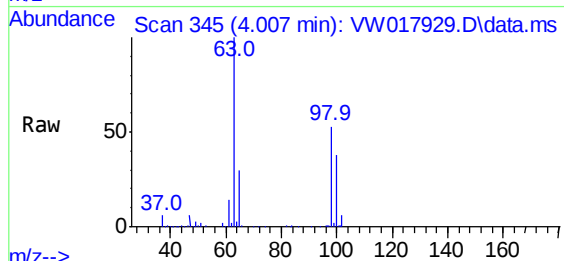




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.36 ug/L
 RT: 4.007 min Scan# 345
 Delta R.T. -0.055 min
 Lab File: VW017929.D
 Acq: 18 Jan 2021 15:32

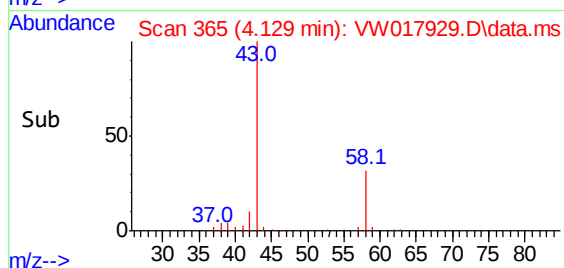
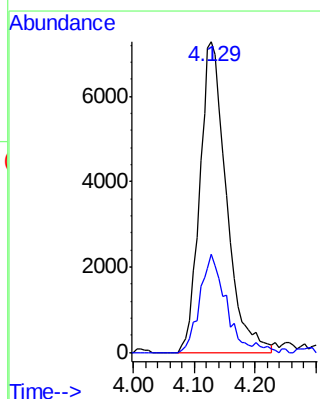
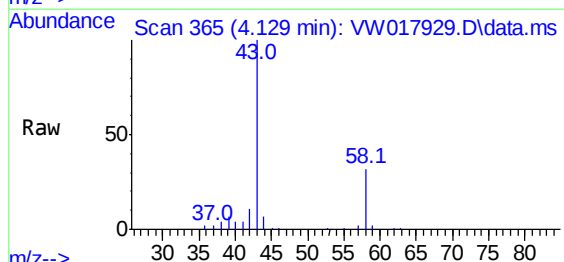
Instrument :
 MSVOA_W
 ClientSampled :
 F1C11RE

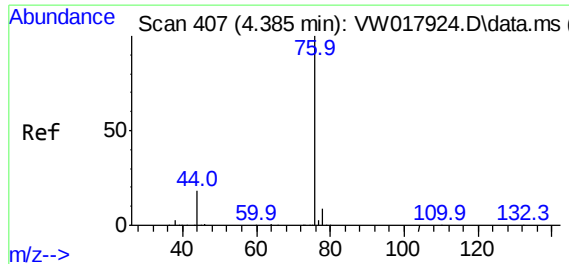
Tgt Ion:101 Resp: 1553
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.2 51.4#
 151 0.0 30.4 45.6#



#13
 Acetone
 Concen: 26.50 ug/L
 RT: 4.129 min Scan# 365
 Delta R.T. 0.006 min
 Lab File: VW017929.D
 Acq: 18 Jan 2021 15:32

Tgt Ion: 43 Resp: 22103
 Ion Ratio Lower Upper
 43 100
 58 30.3 0.0 68.4

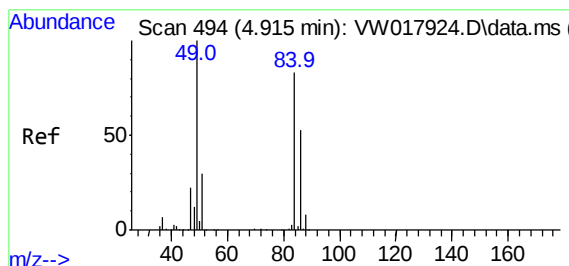
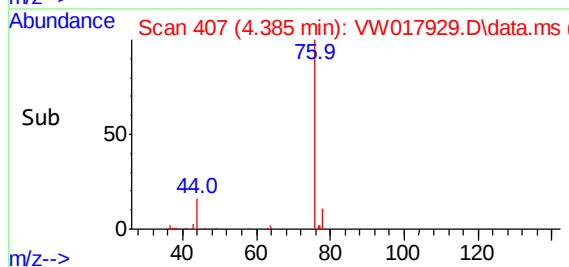
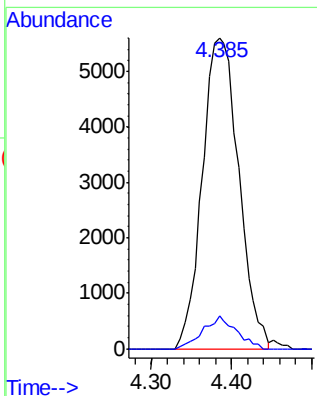
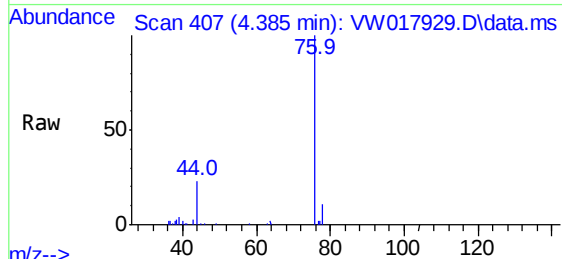




#14
Carbon disulfide
Concen: 1.39 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW017929.D
Acq: 18 Jan 2021 15:32

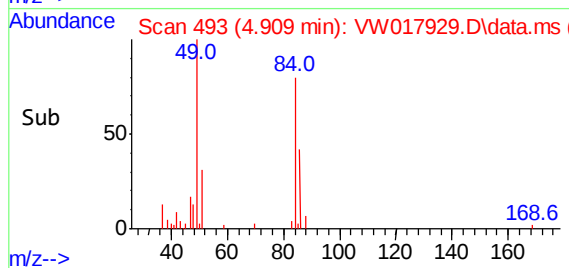
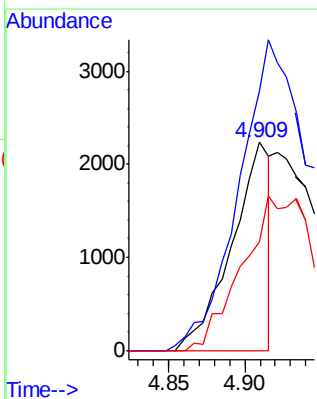
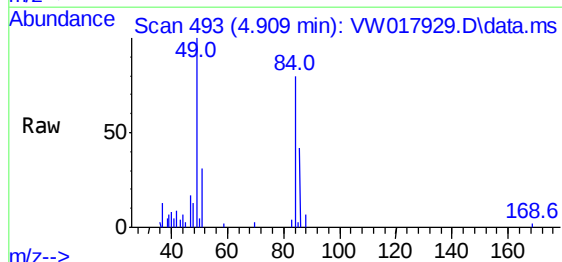
Instrument :
MSVOA_W
ClientSampleId :
F1C11RE

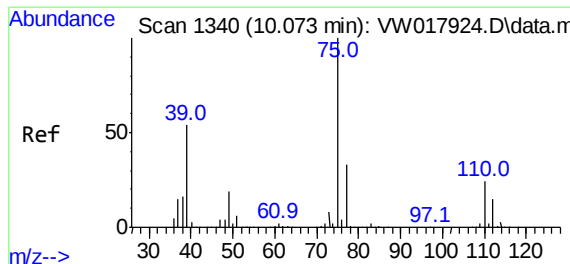
Tgt Ion: 76 Resp: 17660
Ion Ratio Lower Upper
76 100
78 10.7 7.0 10.4#



#16
Methylene chloride
Concen: 0.87 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW017929.D
Acq: 18 Jan 2021 15:32

Tgt Ion: 84 Resp: 3919
Ion Ratio Lower Upper
84 100
49 124.6 81.2 150.8
86 52.3 44.5 82.7

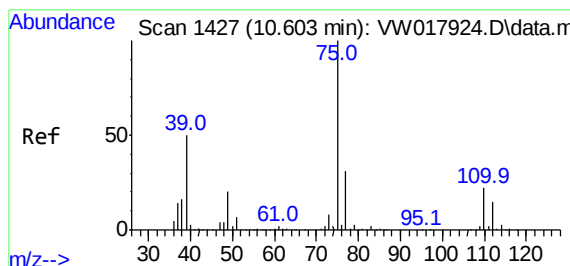
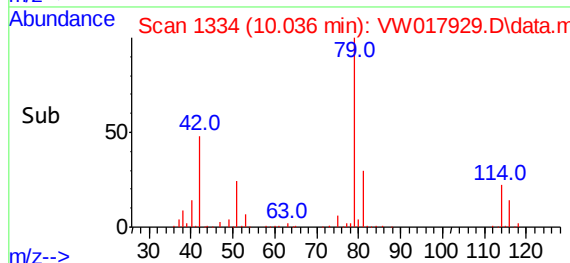
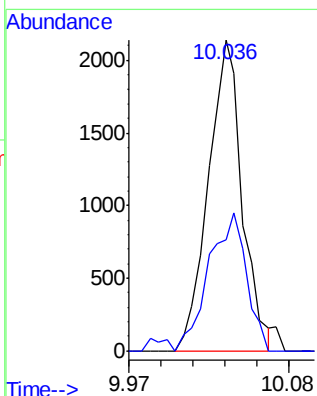
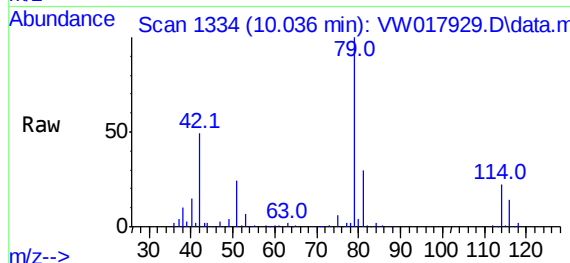




#42
cis-1,3-Dichloropropene
Concen: 0.63 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW017929.D
Acq: 18 Jan 2021 15:32

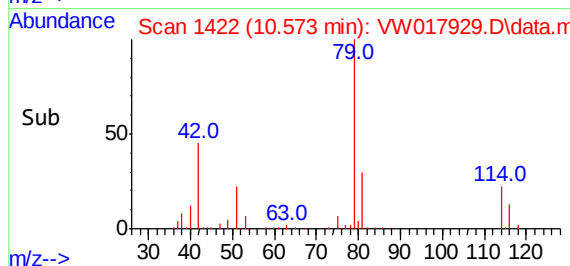
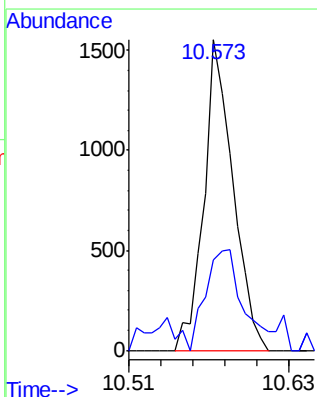
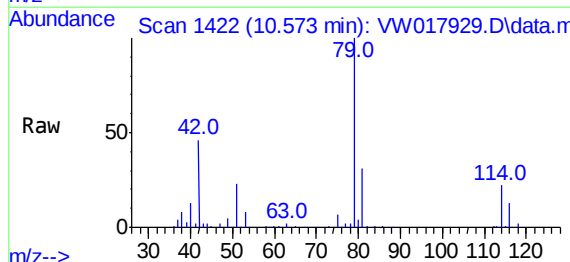
Instrument :
MSVOA_W
ClientSampleId :
F1C11RE

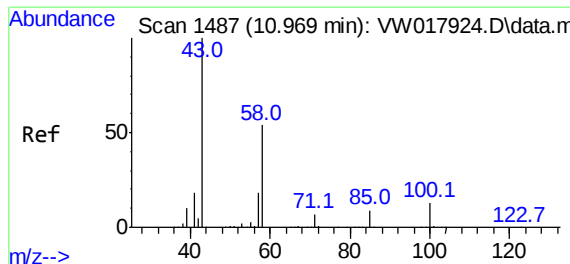
Tgt Ion: 75 Resp: 3623
Ion Ratio Lower Upper
75 100
77 35.8 22.7 42.3



#45
trans-1,3-Dichloropropene
Concen: 0.48 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.031 min
Lab File: VW017929.D
Acq: 18 Jan 2021 15:32

Tgt Ion: 75 Resp: 2409
Ion Ratio Lower Upper
75 100
77 29.2 22.6 42.0



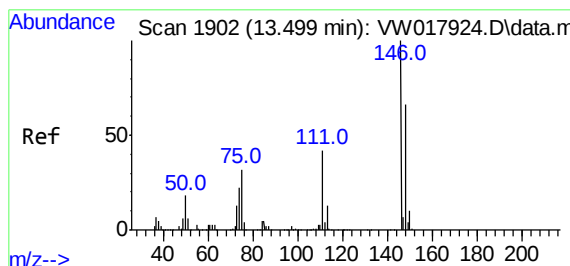
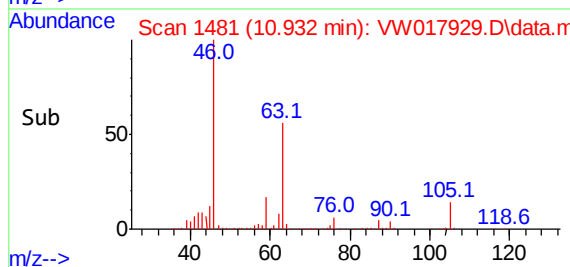
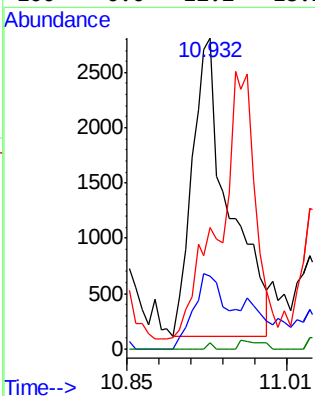
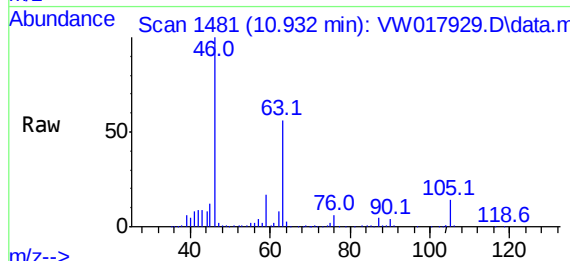


#49
2-Hexanone
Concen: 4.12 ug/L
RT: 10.932 min Scan# 1481
Delta R.T. -0.037 min
Lab File: VW017929.D
Acq: 18 Jan 2021 15:32

Instrument :
MSVOA_W
ClientSampleId :
F1C11RE

Tgt Ion: 43 Resp: 6813

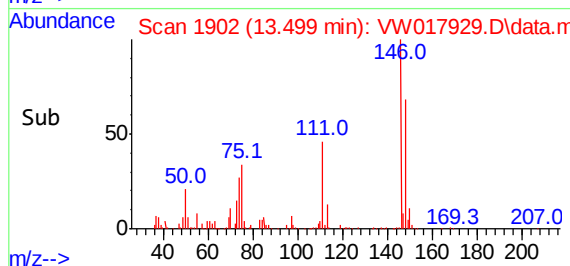
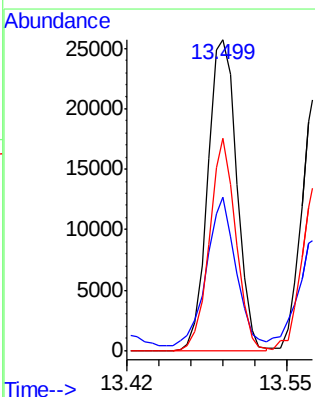
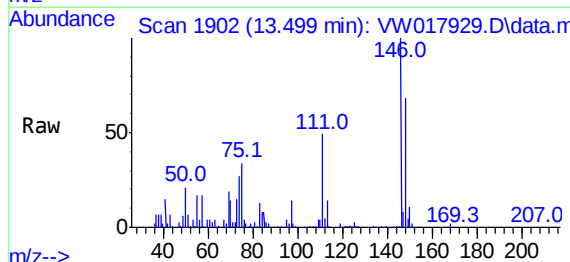
Ion	Ratio	Lower	Upper
43	100		
58	20.0	51.3	76.9#
57	27.7	15.0	22.6#
100	0.0	12.2	18.2#

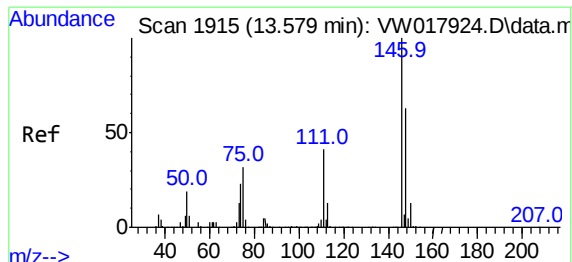


#63
1,3-Dichlorobenzene
Concen: 8.00 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW017929.D
Acq: 18 Jan 2021 15:32

Tgt Ion: 146 Resp: 44322

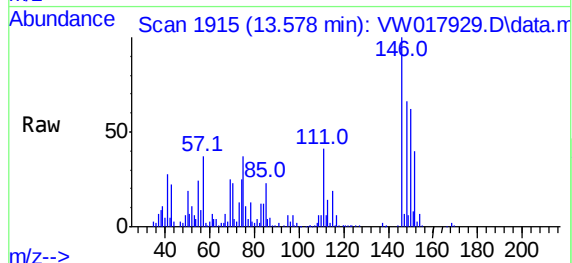
Ion	Ratio	Lower	Upper
146	100		
111	49.3	28.5	52.9
148	68.2	47.8	88.8





#64
 1,4-Dichlorobenzene
 Concen: 6.29 ug/L
 RT: 13.578 min Scan# 1915
 Delta R.T. -0.000 min
 Lab File: VW017929.D
 Acq: 18 Jan 2021 15:32

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C11RE



Tgt Ion:146 Resp: 35024

Ion	Ratio	Lower	Upper
146	100		
111	41.2	27.7	51.5
148	66.2	47.0	87.2

