

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
 Data File : VW018167.D
 Acq On : 16 Feb 2021 17:03
 Operator : SY/VA
 Sample : M1414-09
 Misc : 5.45G/10ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGX5

Quant Time: Feb 17 01:07:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 17 01:02:43 2021
 Response via : Initial Calibration

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

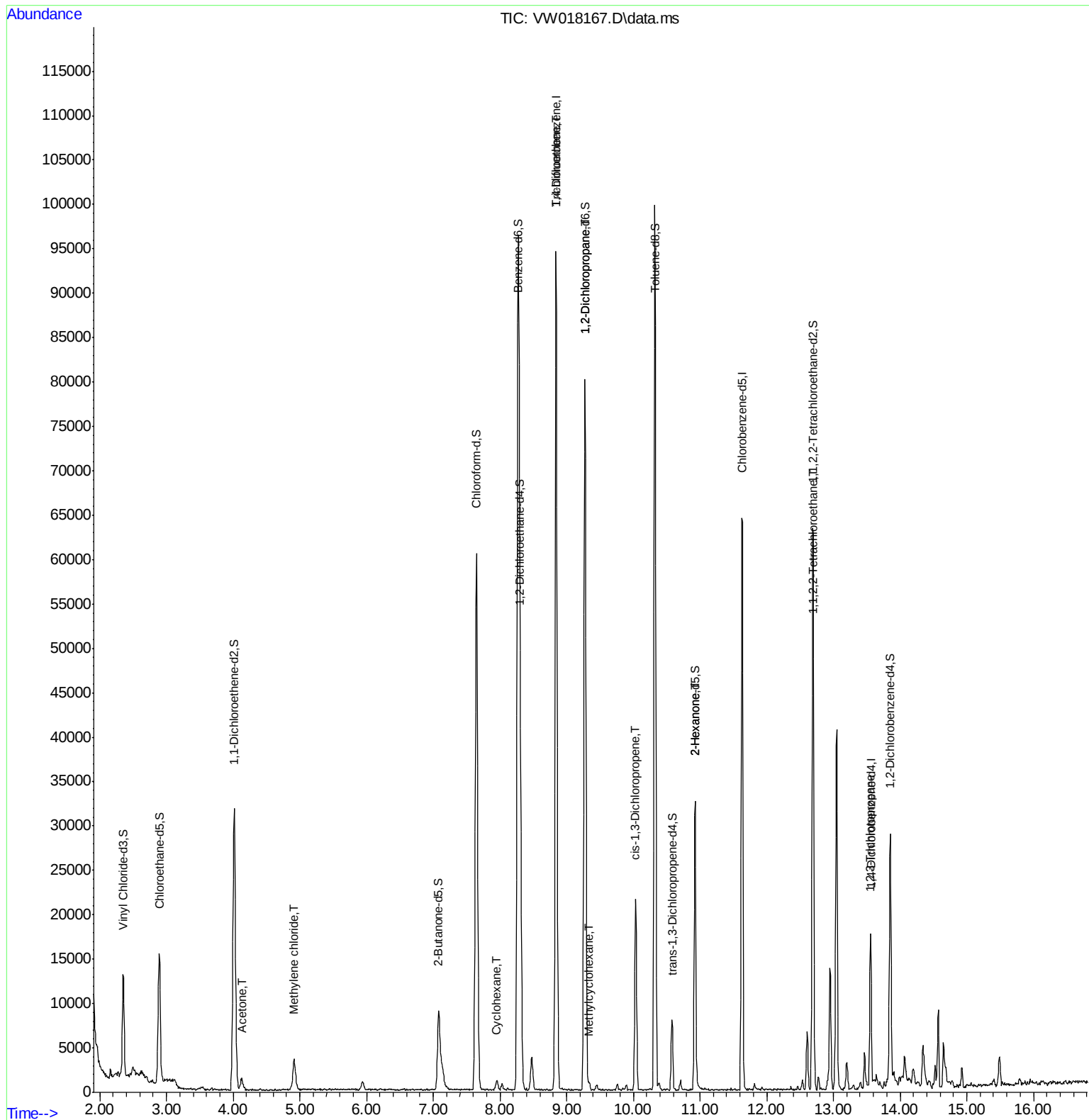
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	85428	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	39576	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	5147	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	11929	11.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	44.96%
7) Chloroethane-d5	2.891	69	18282	21.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.80%
10) 1,1-Dichloroethene-d2	4.013	63	30219	14.24	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.96%
20) 2-Butanone-d5	7.080	46	15448	54.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.04%
24) Chloroform-d	7.647	84	65124	29.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	116.20%
26) 1,2-Dichloroethane-d4	8.305	65	30983	25.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.80%
29) Benzene-d6	8.275	84	103840	47.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	191.12%#
33) 1,2-Dichloropropane-d6	9.274	67	37613	61.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	247.56%#
37) Toluene-d8	10.323	98	68037	32.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	131.64%#
38) trans-1,3-Dichloroprop...	10.579	79	5173	18.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.12%
39) 2-Hexanone-d5	10.927	63	11600	99.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	199.66%#
48) 1,1,2,2-Tetrachloroeth...	12.688	84	29697	55.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	222.52%#
61) 1,2-Dichlorobenzene-d4	13.853	152	7827	42.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	170.52%#
Target Compounds						
13) Acetone	4.129	43	2286	10.91	ug/L	82
16) Methylene chloride	4.915	84	1866	1.36	ug/L #	75
30) Cyclohexane	7.945	56	688	0.76	ug/L #	59
35) Trichloroethene	8.842	95	2472	3.79	ug/L #	3
36) Methylcyclohexane	9.329	83	402	0.37	ug/L	90
40) 1,2-Dichloropropane	9.274	63	4177	7.87	ug/L #	84
42) cis-1,3-Dichloropropene	10.030	75	526	0.61	ug/L #	43
49) 2-Hexanone	10.927	43	1342	5.85	ug/L #	57
58) 1,1,2,2-Tetrachloroethane	12.701	83	176	0.33	ug/L #	25
59) 1,2,3-Trichloropropane	13.554	75	573	1.41	ug/L	93

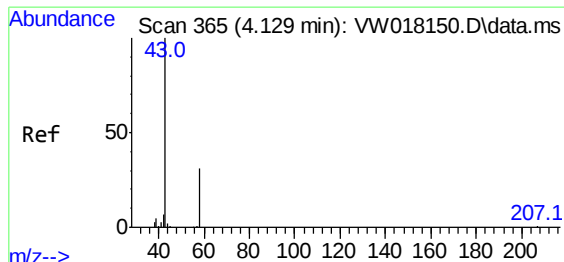
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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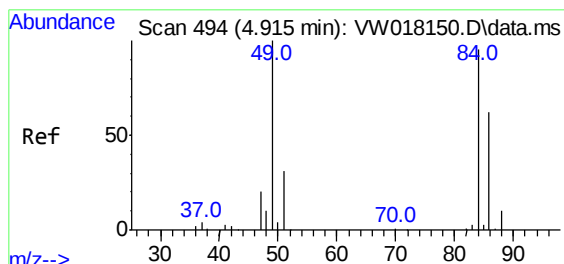
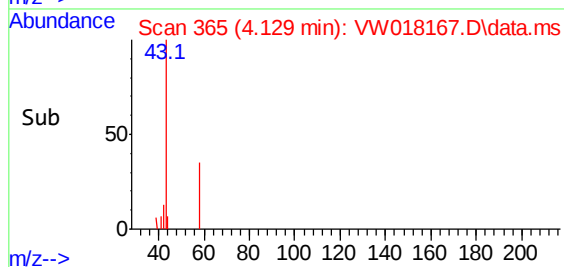
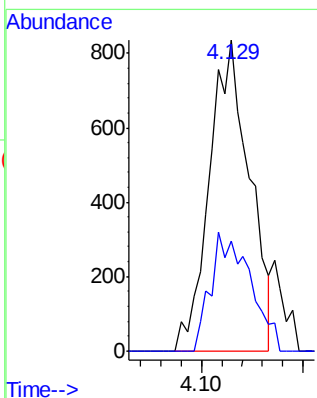
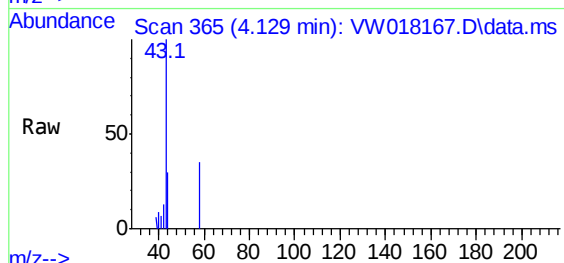




#13
Acetone
Concen: 10.91 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW018167.D
Acq: 16 Feb 2021 17:03

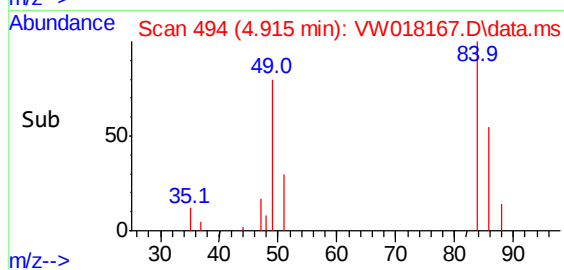
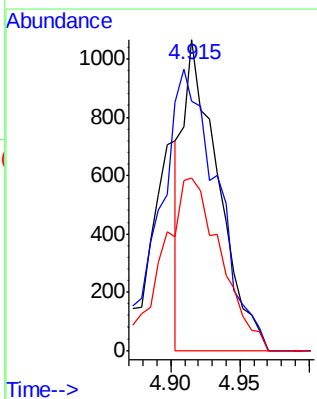
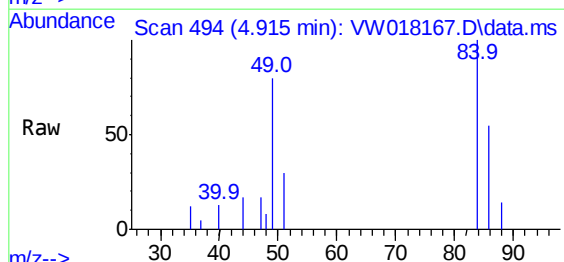
Instrument :
MSVOA_W
ClientSampled :
DBGX5

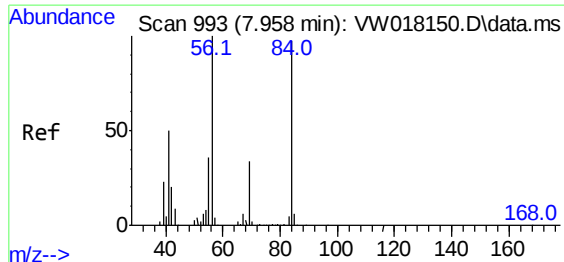
Tgt Ion: 43 Resp: 2286
Ion Ratio Lower Upper
43 100
58 23.8 0.0 68.4



#16
Methylene chloride
Concen: 1.36 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018167.D
Acq: 16 Feb 2021 17:03

Tgt Ion: 84 Resp: 1866
Ion Ratio Lower Upper
84 100
49 80.4 81.2 150.8#
86 55.4 44.5 82.7



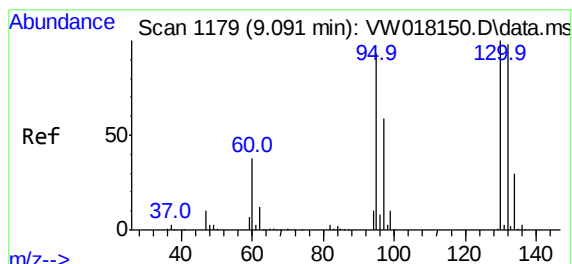
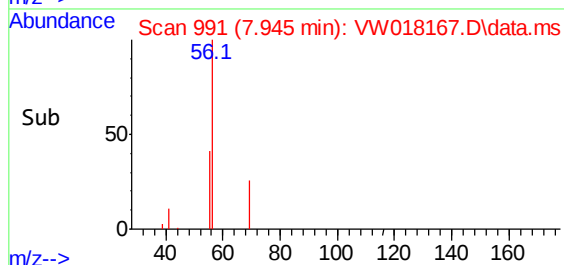
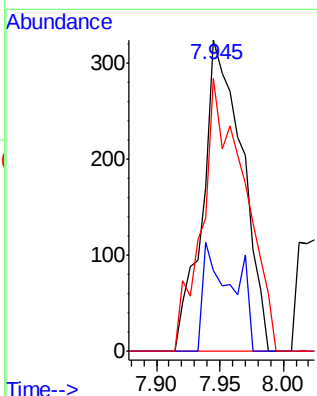
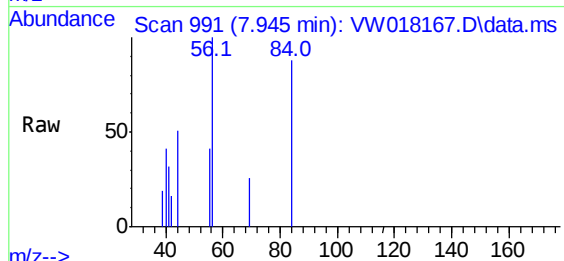


#30
Cyclohexane
Concen: 0.76 ug/L
RT: 7.945 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW018167.D
Acq: 16 Feb 2021 17:03

Instrument :
MSVOA_W
ClientSampled :
DBGX5

Tgt Ion: 56 Resp: 688

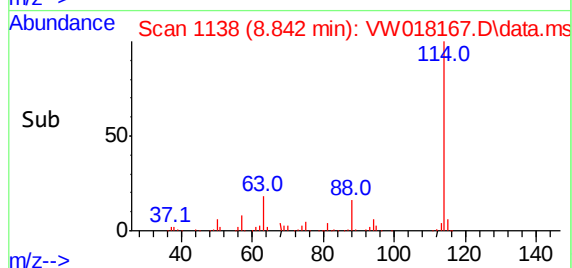
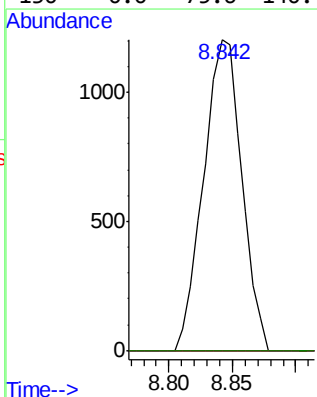
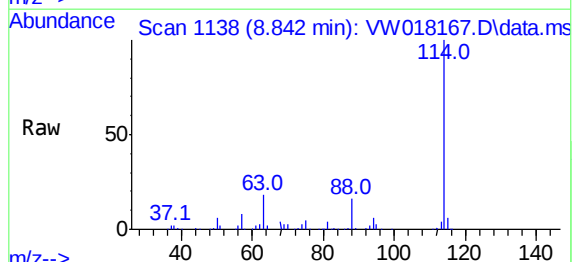
Ion	Ratio	Lower	Upper
56	100		
69	20.8	24.8	37.2#
84	46.7	74.2	111.4#

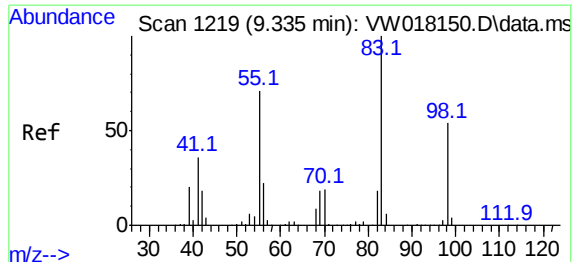


#35
Trichloroethene
Concen: 3.79 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018167.D
Acq: 16 Feb 2021 17:03

Tgt Ion: 95 Resp: 2472

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.0	83.6#
132	0.0	71.0	131.8#
130	0.0	75.6	140.4#

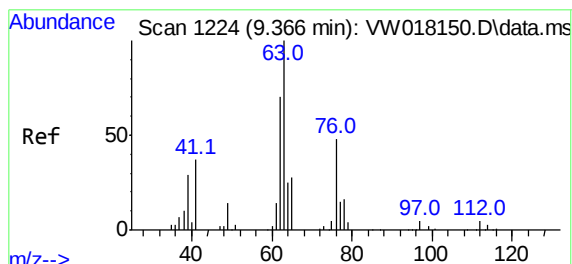
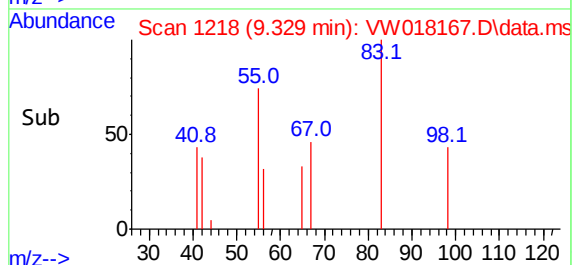
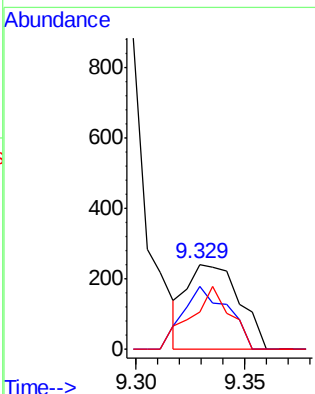
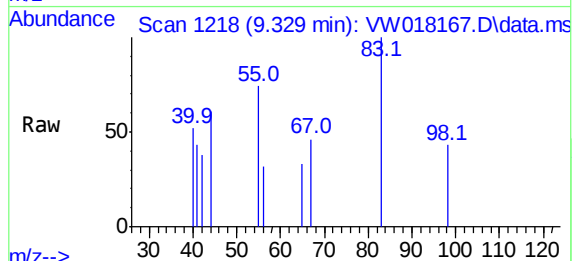




#36
Methylcyclohexane
Concen: 0.37 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VW018167.D
Acq: 16 Feb 2021 17:03

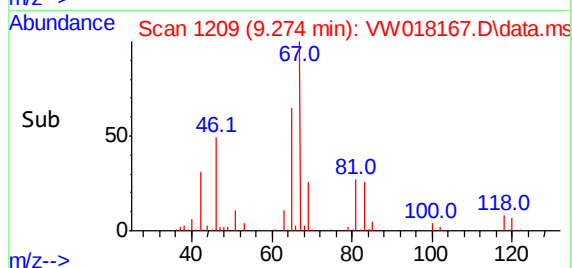
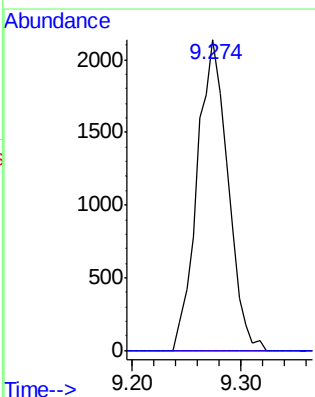
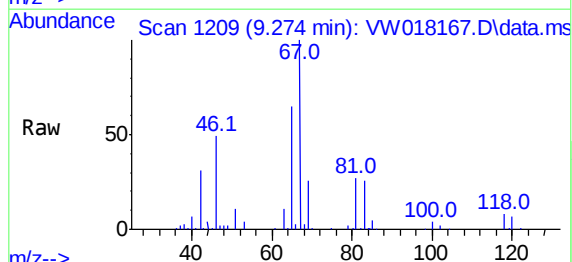
Instrument :
MSVOA_W
ClientSampled :
DBGX5

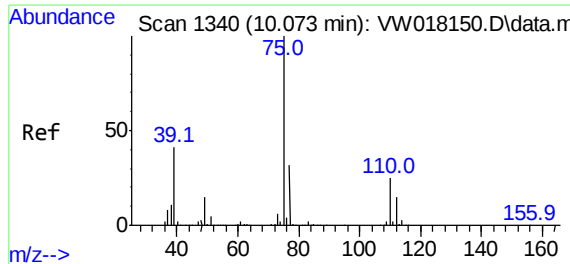
Tgt Ion: 83 Resp: 402
Ion Ratio Lower Upper
83 100
55 63.9 59.4 89.0
98 56.2 40.7 61.1



#40
1,2-Dichloropropane
Concen: 7.87 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018167.D
Acq: 16 Feb 2021 17:03

Tgt Ion: 63 Resp: 4177
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

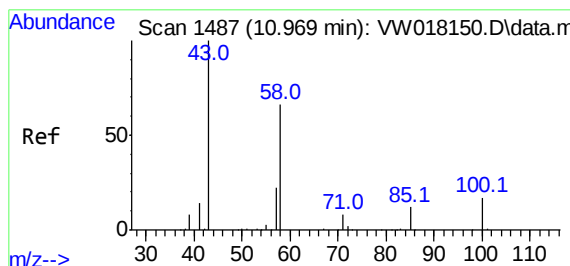
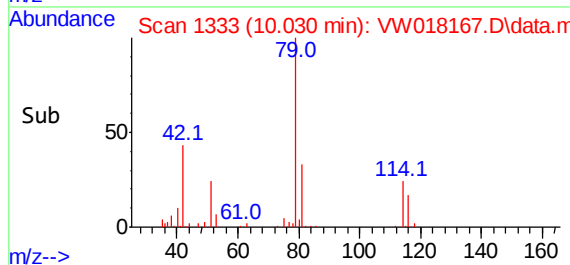
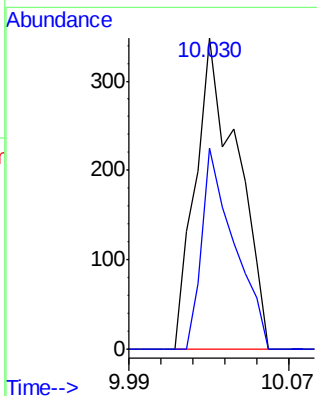
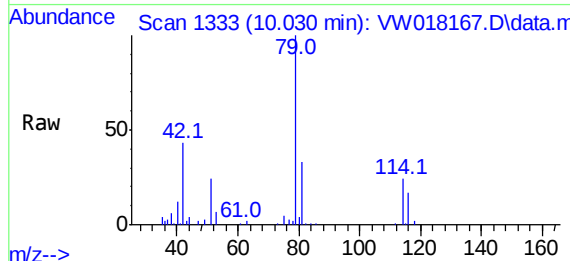




#42
cis-1,3-Dichloropropene
Concen: 0.61 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018167.D
Acq: 16 Feb 2021 17:03

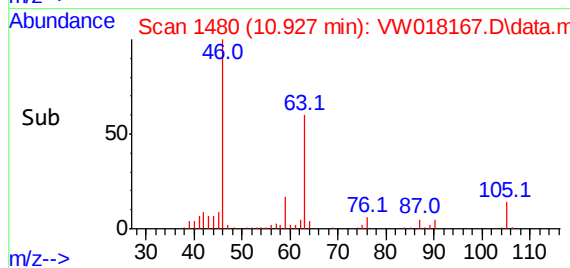
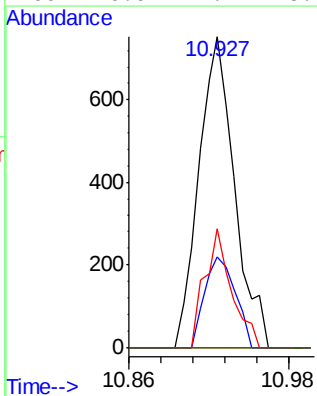
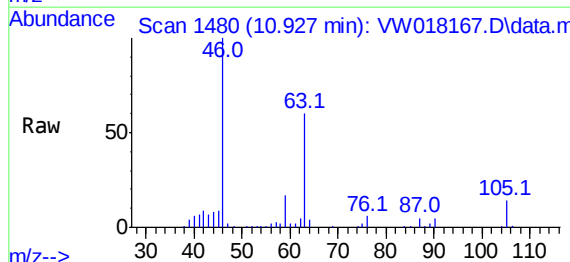
Instrument :
MSVOA_W
ClientSampled :
DBGX5

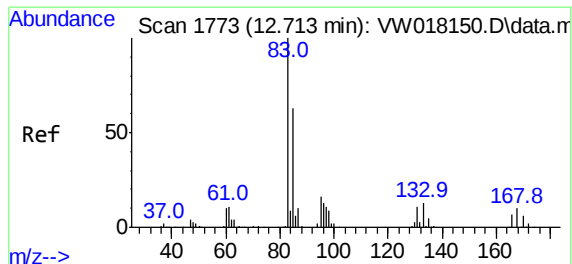
Tgt Ion: 75 Resp: 526
Ion Ratio Lower Upper
75 100
77 64.7 22.7 42.3#



#49
2-Hexanone
Concen: 5.85 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW018167.D
Acq: 16 Feb 2021 17:03

Tgt Ion: 43 Resp: 1342
Ion Ratio Lower Upper
43 100
58 25.0 51.3 76.9#
57 28.7 15.0 22.6#
100 0.0 12.2 18.2#

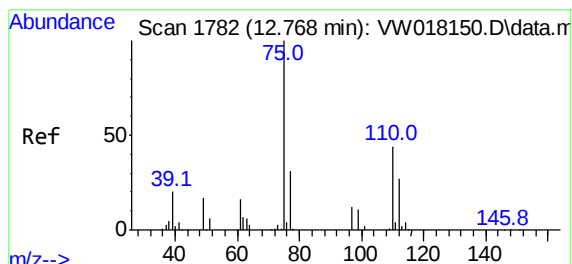
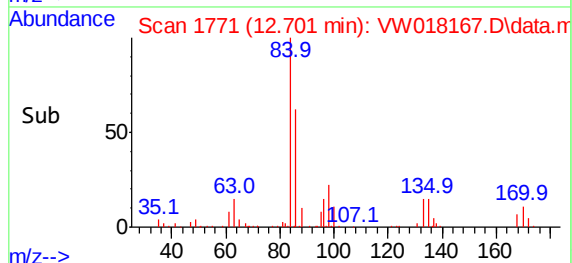
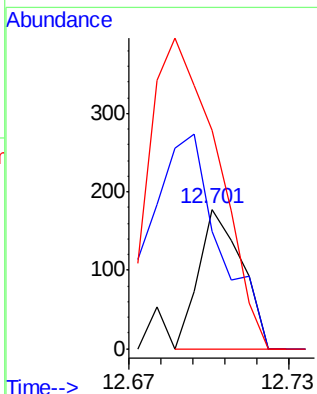
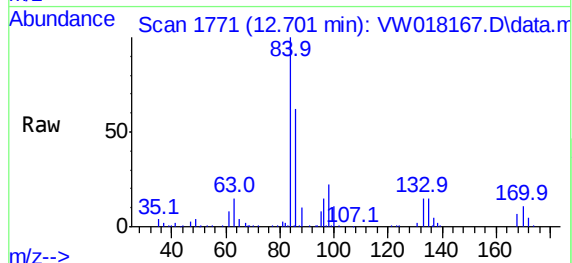




#58
1,1,2,2-Tetrachloroethane
Concen: 0.33 ug/L
RT: 12.701 min Scan# 1771
Delta R.T. -0.012 min
Lab File: VW018167.D
Acq: 16 Feb 2021 17:03

Instrument :
MSVOA_W
ClientSampled :
DBGX5

Tgt Ion: 83 Resp: 176
Ion Ratio Lower Upper
83 100
85 83.7 45.3 84.1
131 156.7 8.3 12.5#



#59
1,2,3-Trichloropropane
Concen: 1.41 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018167.D
Acq: 16 Feb 2021 17:03

Tgt Ion: 75 Resp: 573
Ion Ratio Lower Upper
75 100
77 37.0 26.6 39.8

