

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
 Data File : VW018464.D
 Acq On : 26 Mar 2021 12:05
 Operator : SY/VA
 Sample : M1784-17
 Misc : 5.81G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4X8

Quant Time: Mar 27 01:32:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 27 01:30:53 2021
 Response via : Initial Calibration

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

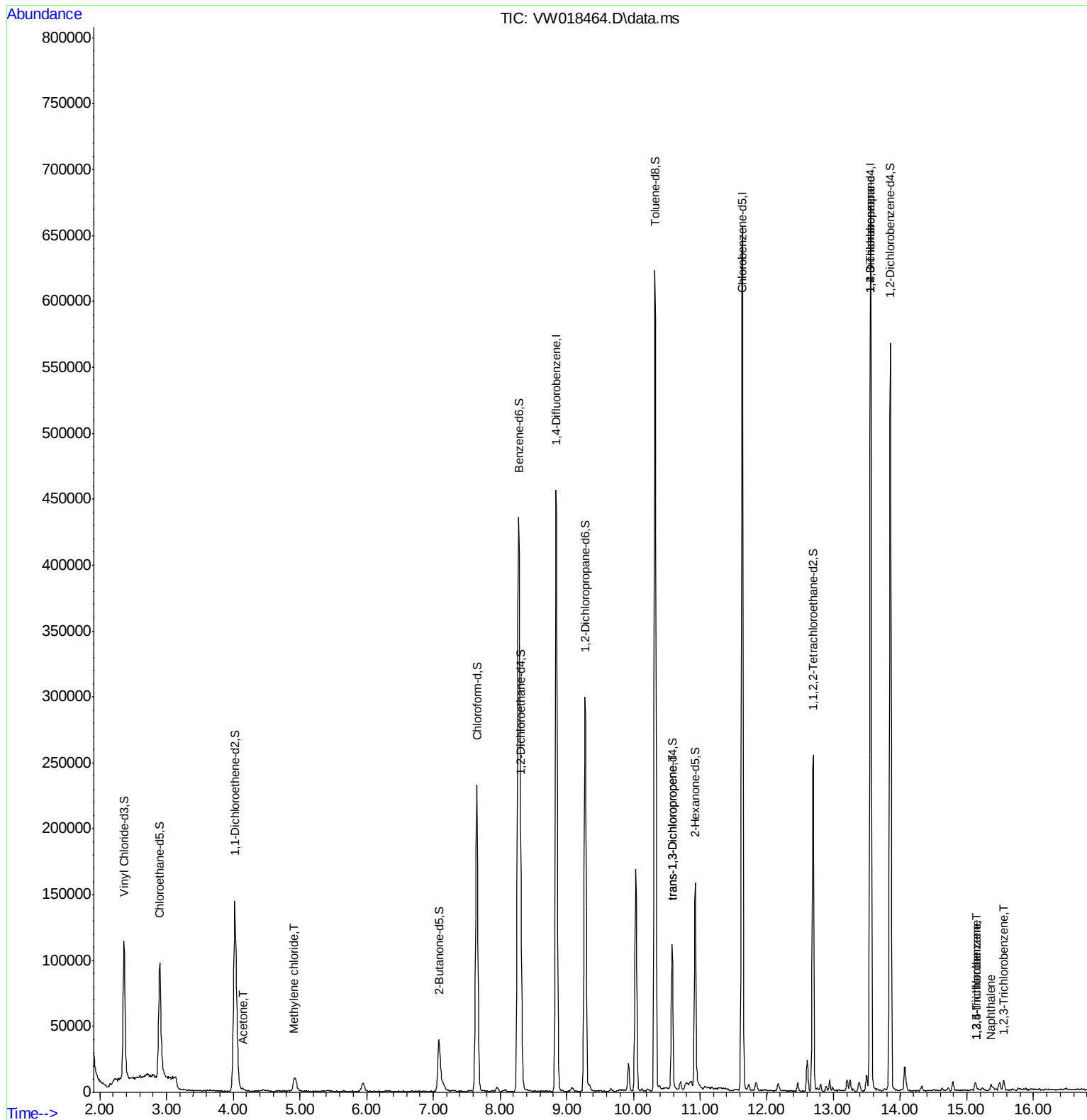
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	383742	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	351100	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	166217	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	128833	24.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.52%
7) Chloroethane-d5	2.898	69	118280	25.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.20%
10) 1,1-Dichloroethene-d2	4.025	63	163440	17.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.92%
20) 2-Butanone-d5	7.086	46	64949	54.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.26%
24) Chloroform-d	7.653	84	235354	24.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.32%
26) 1,2-Dichloroethane-d4	8.311	65	143773	25.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.80%
29) Benzene-d6	8.281	84	448669	24.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.16%
33) 1,2-Dichloropropane-d6	9.275	67	130306	24.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.80%
37) Toluene-d8	10.323	98	407241	22.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.64%
38) trans-1,3-Dichloroprop...	10.579	79	58942	21.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.92%
39) 2-Hexanone-d5	10.927	63	53144	50.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.88%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	121072	25.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.56%
61) 1,2-Dichlorobenzene-d4	13.853	152	141558	23.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.80%
Target Compounds						
13) Acetone	4.153	43	2506	2.93	ug/L	74
16) Methylene chloride	4.916	84	4179	0.66	ug/L	89
45) trans-1,3-Dichloropropene	10.579	75	3573	0.47	ug/L	95
59) 1,2,3-Trichloropropane	13.554	75	22830	6.30	ug/L	90
67) 1,3,5-Trichlorobenzene	15.139	180	1998	0.26	ug/L	94
68) 1,2,4-trichlorobenzene	15.139	180	1998	0.31	ug/L	92
69) Naphthalene	15.365	128	3539	0.26	ug/L #	94
70) 1,2,3-Trichlorobenzene	15.554	180	2120	0.37	ug/L #	94

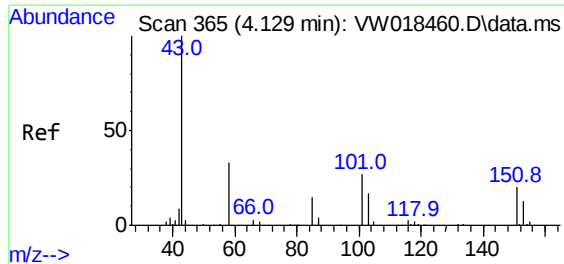
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 27 01:30:53 2021
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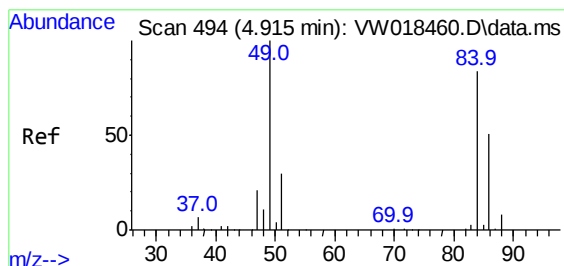
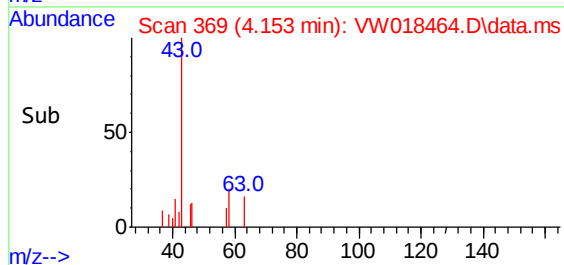
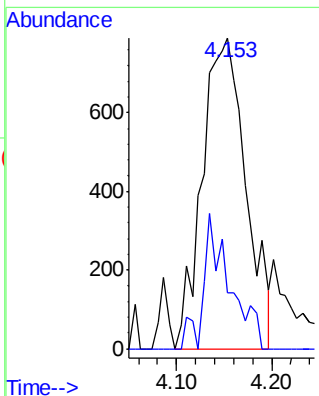
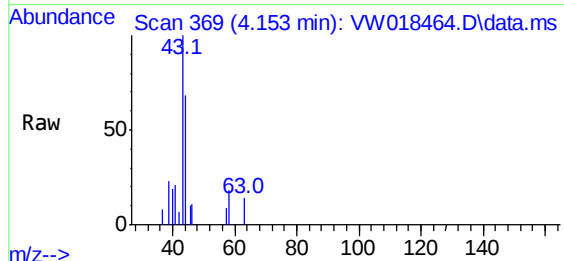




#13
Acetone
Concen: 2.93 ug/L
RT: 4.153 min Scan# 369
Delta R.T. 0.024 min
Lab File: VW018464.D
Acq: 26 Mar 2021 12:05

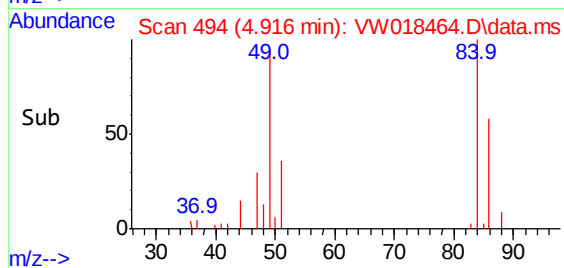
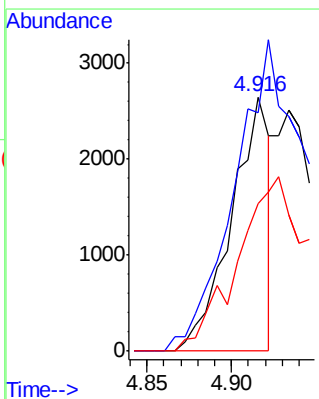
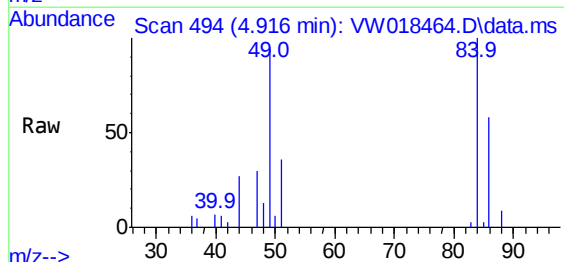
Instrument :
MSVOA_W
ClientSampled :
BG4X8

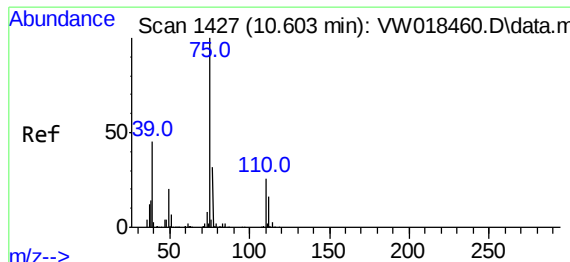
Tgt Ion: 43 Resp: 2506
Ion Ratio Lower Upper
43 100
58 16.6 0.0 62.2



#16
Methylene chloride
Concen: 0.66 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018464.D
Acq: 26 Mar 2021 12:05

Tgt Ion: 84 Resp: 4179
Ion Ratio Lower Upper
84 100
49 93.5 74.4 138.2
86 58.1 46.1 85.7

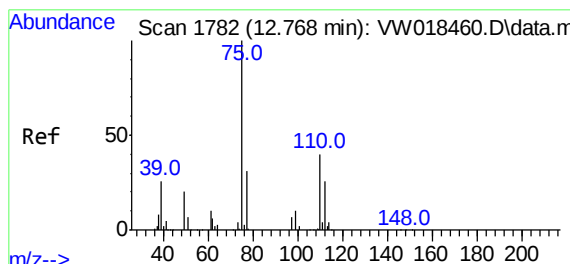
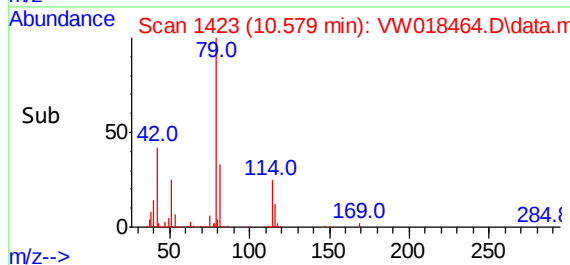
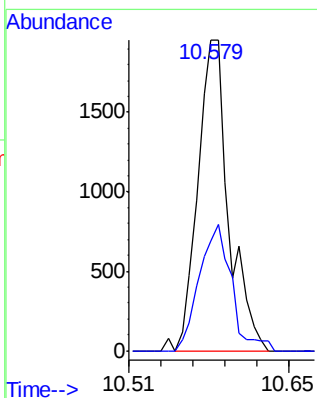
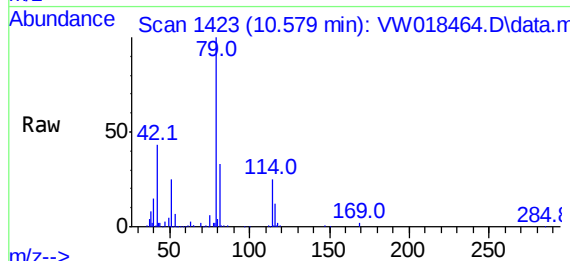




#45
trans-1,3-Dichloropropene
Concen: 0.47 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018464.D
Acq: 26 Mar 2021 12:05

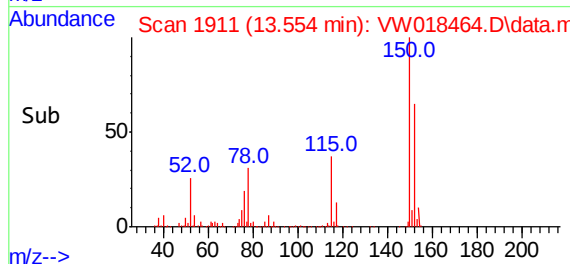
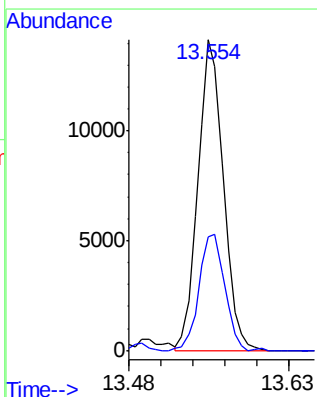
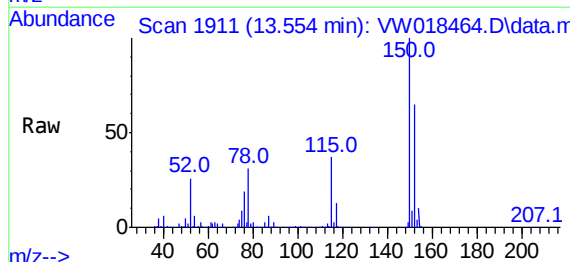
Instrument :
MSVOA_W
ClientSampled :
BG4X8

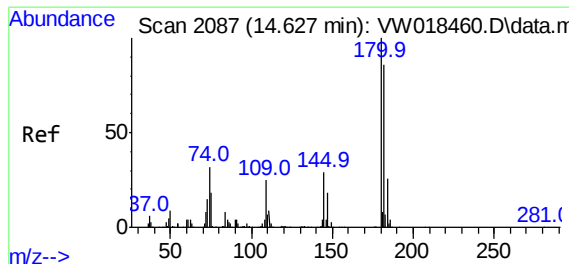
Tgt Ion: 75 Resp: 3573
Ion Ratio Lower Upper
75 100
77 35.2 22.6 42.0



#59
1,2,3-Trichloropropane
Concen: 6.30 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW018464.D
Acq: 26 Mar 2021 12:05

Tgt Ion: 75 Resp: 22830
Ion Ratio Lower Upper
75 100
77 37.7 25.6 38.4

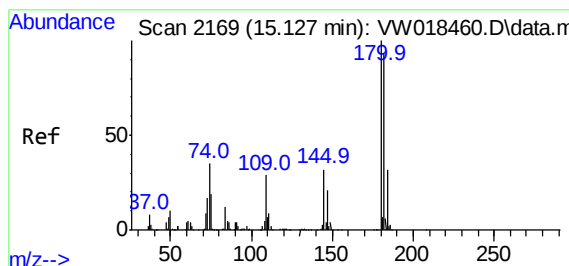
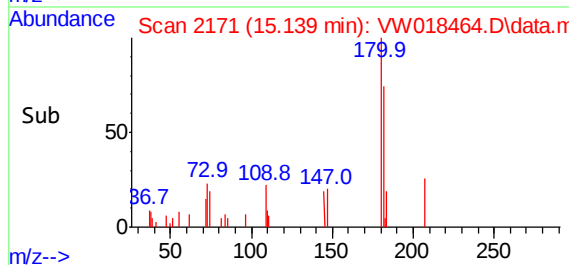
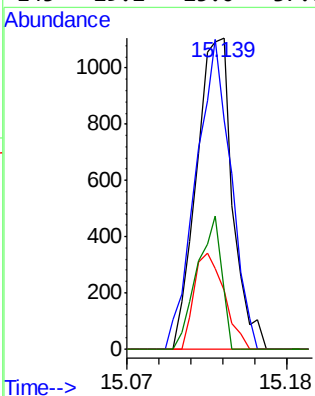
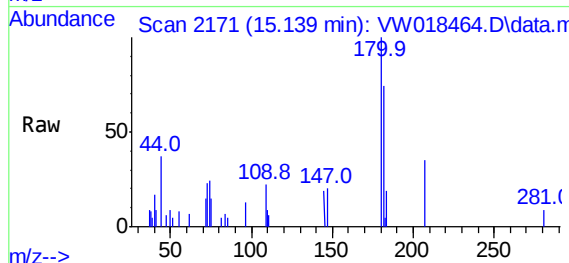




#67
 1,3,5-Trichlorobenzene
 Concen: 0.26 ug/L
 RT: 15.139 min Scan# 2171
 Delta R.T. 0.512 min
 Lab File: VW018464.D
 Acq: 26 Mar 2021 12:05

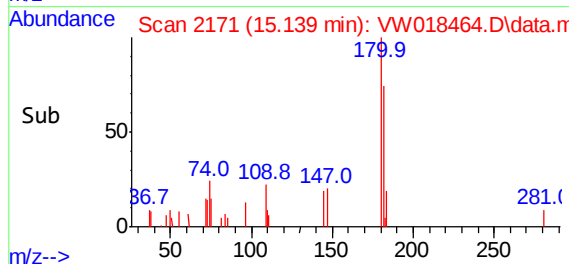
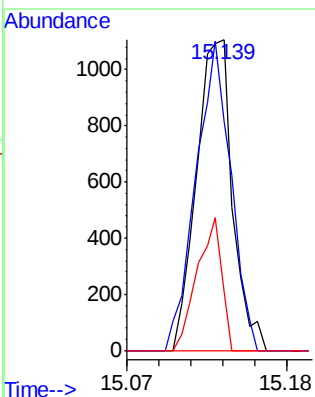
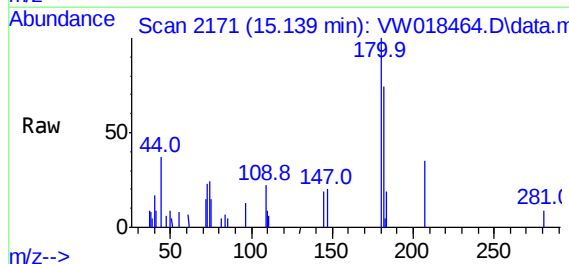
Instrument :
 MSVOA_W
 ClientSampleId :
 BG4X8

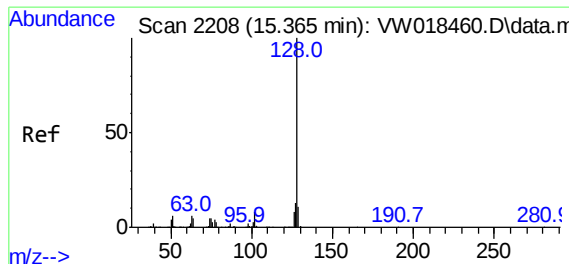
Tgt Ion:	180	Resp:	1998
Ion	Ratio	Lower	Upper
180	100		
182	96.3	71.8	107.8
184	25.7	23.5	35.3
145	29.2	25.0	37.6



#68
 1,2,4-trichlorobenzene
 Concen: 0.31 ug/L
 RT: 15.139 min Scan# 2171
 Delta R.T. 0.012 min
 Lab File: VW018464.D
 Acq: 26 Mar 2021 12:05

Tgt Ion:	180	Resp:	1998
Ion	Ratio	Lower	Upper
180	100		
182	96.3	70.2	105.4
145	29.2	24.9	37.3

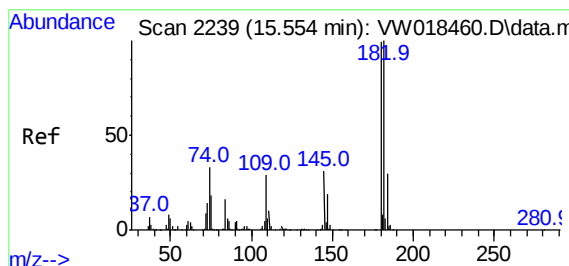
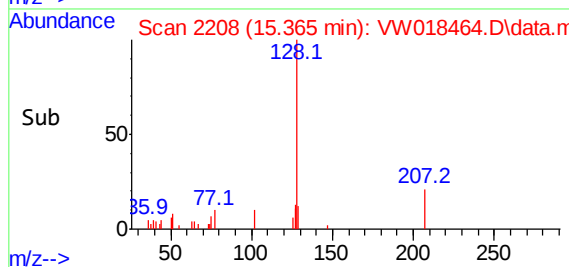
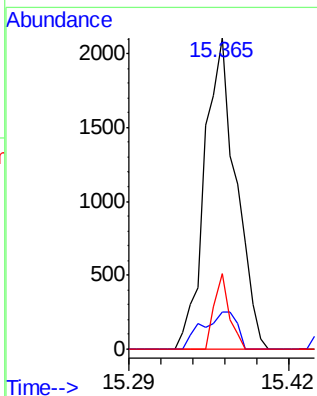
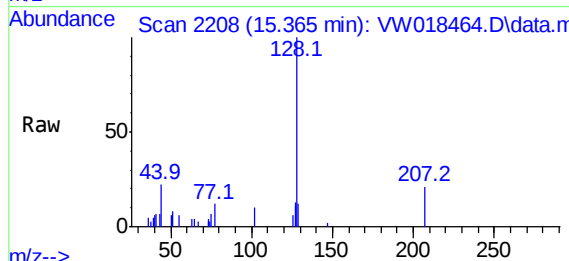




#69
Naphthalene
Concen: 0.26 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018464.D
Acq: 26 Mar 2021 12:05

Instrument :
MSVOA_W
ClientSampled :
BG4X8

Tgt Ion:128 Resp: 3539
Ion Ratio Lower Upper
128 100
129 8.7 9.1 13.7#
127 11.3 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 0.37 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW018464.D
Acq: 26 Mar 2021 12:05

Tgt Ion:180 Resp: 2120
Ion Ratio Lower Upper
180 100
182 98.4 76.5 114.7
145 43.6 27.7 41.5#

