

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082420\
 Data File : VW016332.D
 Acq On : 24 Aug 2020 15:54
 Operator : SY/VA
 Sample : L3782-07
 Misc : 4.14G/10ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSK4

Quant Time: Aug 25 15:04:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 25 15:01:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	339789	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	305945	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	136812	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	55198	15.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.84%
7) Chloroethane-d5	2.89	69	47890	17.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.56%
10) 1,1-Dichloroethene-d2	4.01	63	109426	12.70	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.80%
20) 2-Butanone-d5	7.08	46	39622	38.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.80%
24) Chloroform-d	7.65	84	180777	20.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.64%
26) 1,2-Dichloroethane-d4	8.31	65	91380	20.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.08%
29) Benzene-d6	8.27	84	335230	19.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.52%
33) 1,2-Dichloropropane-d6	9.27	67	100877	21.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.36%
37) Toluene-d8	10.32	98	309359	19.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.80%
38) trans-1,3-Dichloropropene-	10.58	79	42913	18.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.24%
39) 2-Hexanone-d5	10.93	63	34287	45.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84337	21.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	113238	21.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.36%

Target Compounds

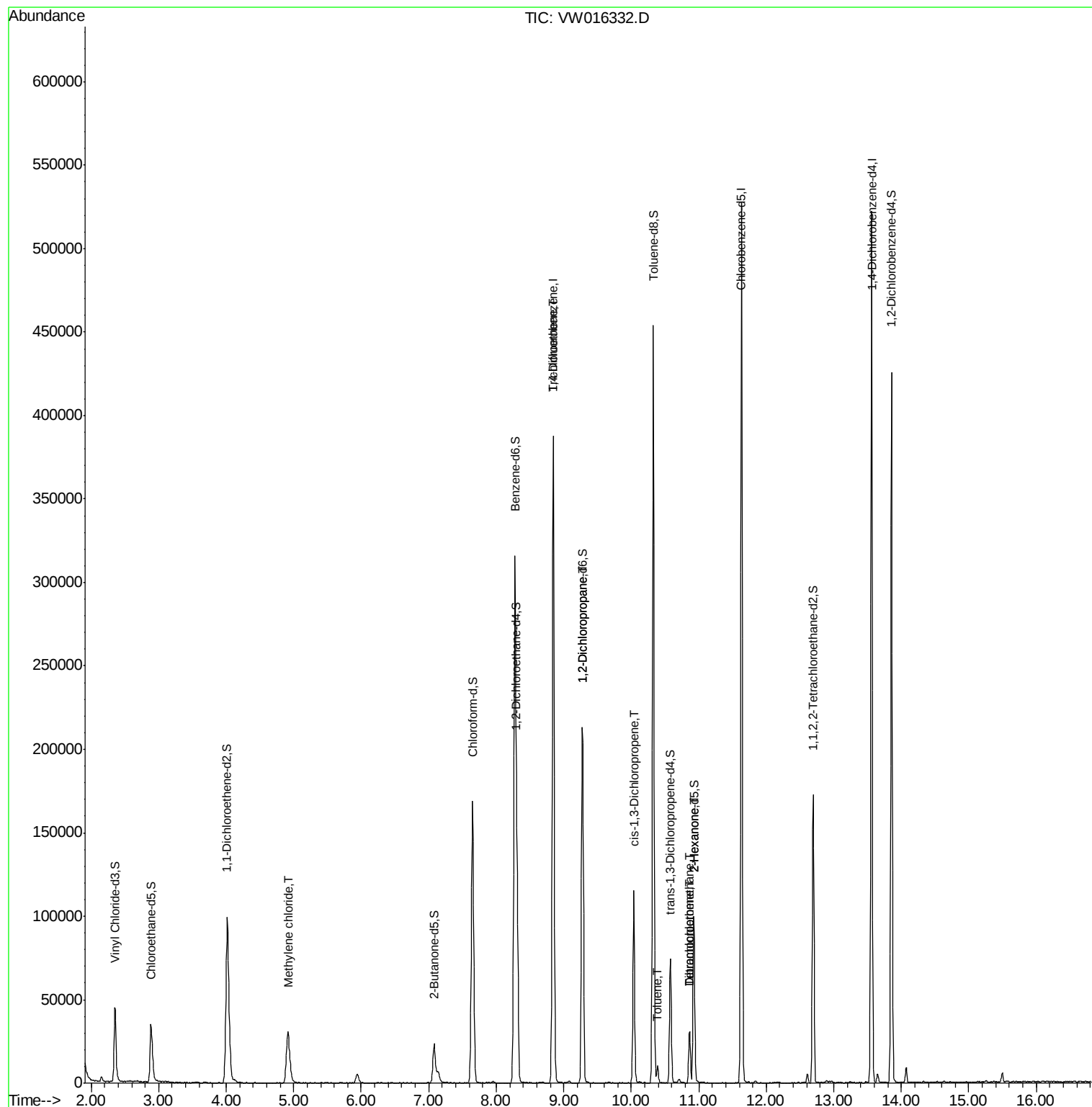
					Qvalue
16) Methylene chloride	4.91	84	28812	4.587 ug/L	96
35) Trichloroethene	8.85	95	10503	2.114 ug/L #	5
40) 1,2-Dichloropropane	9.27	63	11518	2.791 ug/L #	85
42) cis-1,3-Dichloropropene	10.03	75	2868	0.424 ug/L #	82
44) Toluene	10.39	91	7787	0.407 ug/L	93
47) Tetrachloroethene	10.86	164	7044	1.798 ug/L	89
49) 2-Hexanone	10.93	43	4107	2.569 ug/L #	63
50) Dibromochloromethane	10.86	129	6871	1.620 ug/L #	11

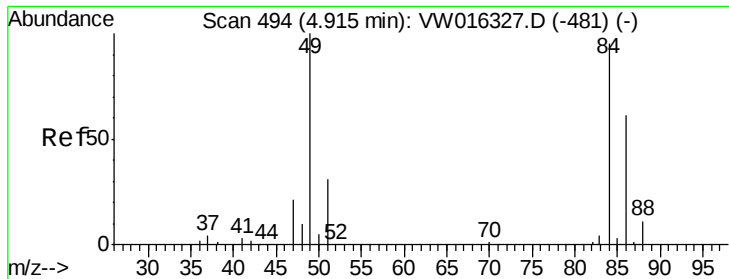
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082420\
Data File : VW016332.D
Acq On : 24 Aug 2020 15:54
Operator : SY/VA
Sample : L3782-07
Misc : 4.14G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFSK4

Quant Time: Aug 25 15:04:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 25 15:01:07 2020
Response via : Initial Calibration

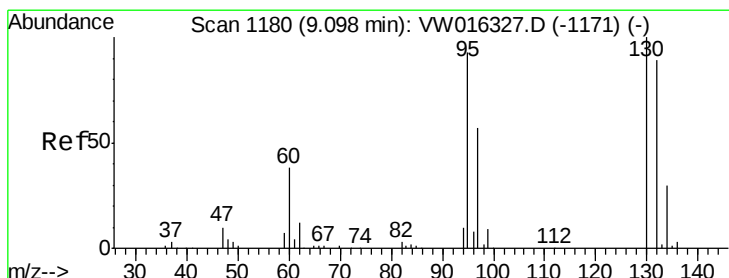
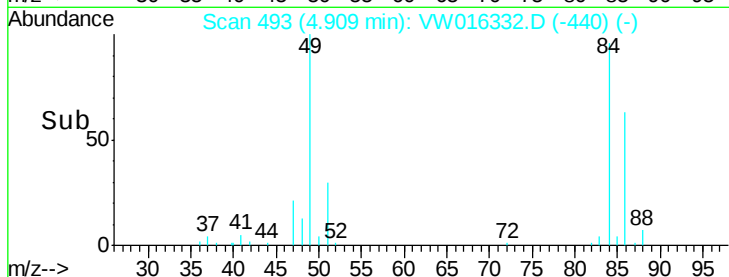
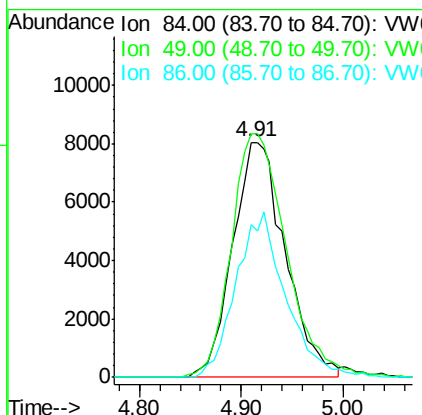
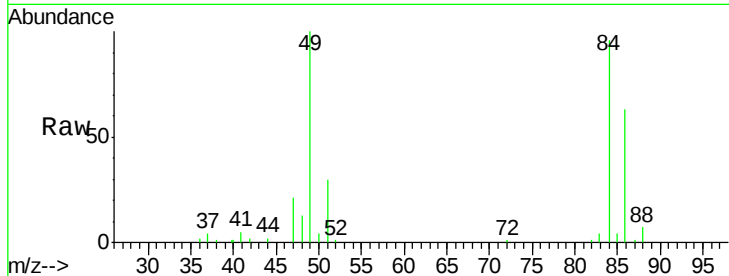




#16
Methylene chloride
Concen: 4.587 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW016332.D
Acq: 24 Aug 2020 15:54

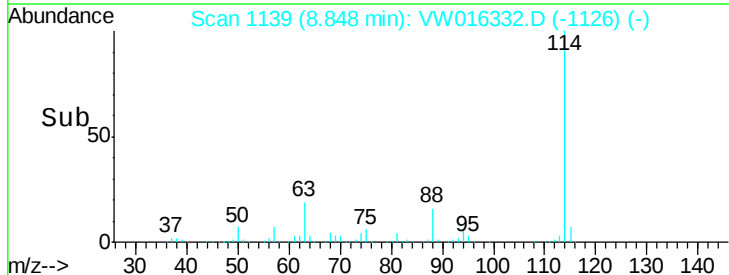
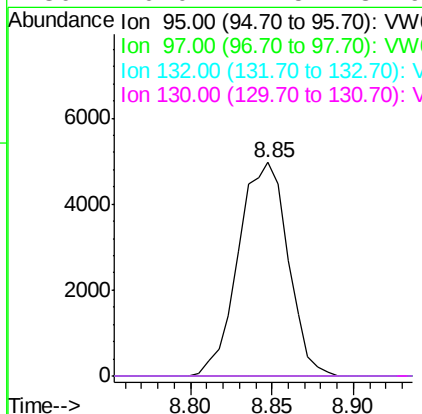
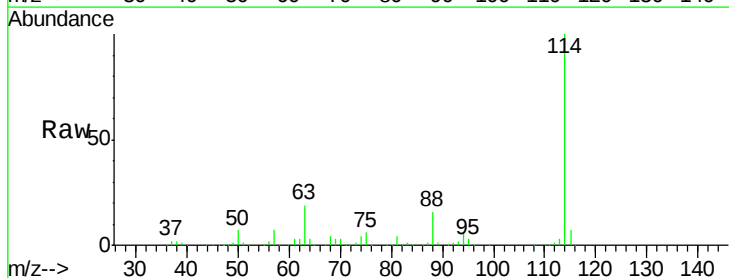
Instrument :
MSVOA_W
ClientSampled :
BFSK4

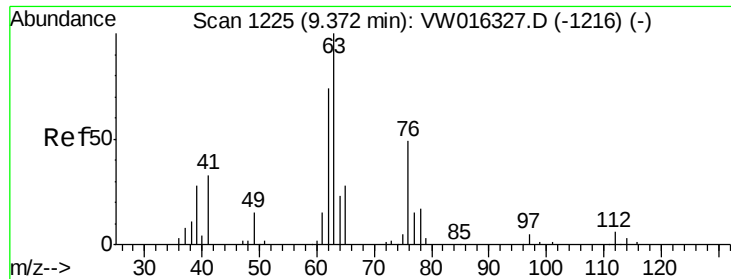
Tgt Ion: 84 Resp: 28812
Ion Ratio Lower Upper
84 100
49 103.6 75.3 139.9
86 65.2 43.3 80.3



#35
Trichloroethene
Concen: 2.114 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.25 min
Lab File: VW016332.D
Acq: 24 Aug 2020 15:54

Tgt Ion: 95 Resp: 10503
Ion Ratio Lower Upper
95 100
97 0.4 44.9 83.5#
132 0.0 68.2 126.6#
130 0.0 71.5 132.9#

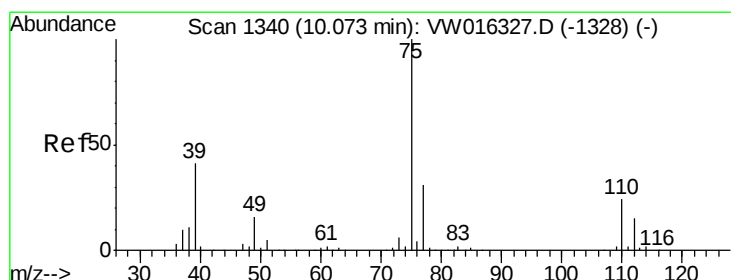
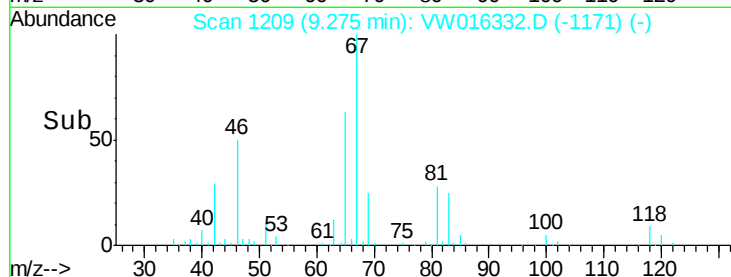
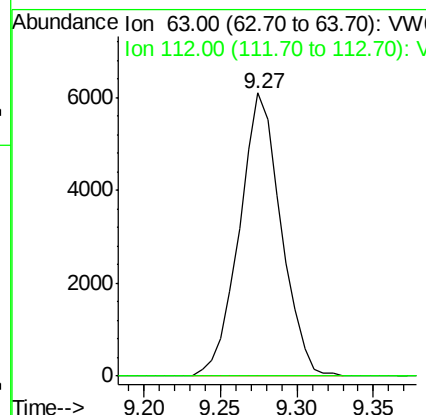
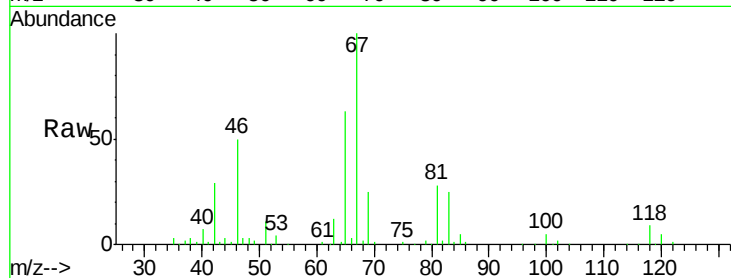




#40
 1,2-Dichloropropane
 Concen: 2.791 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW016332.D
 Acq: 24 Aug 2020 15:54

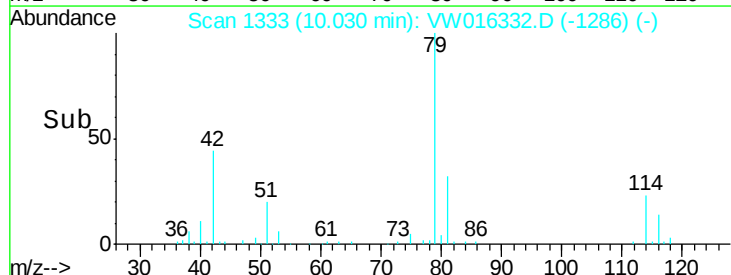
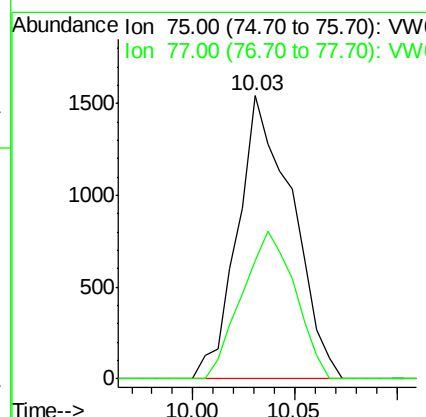
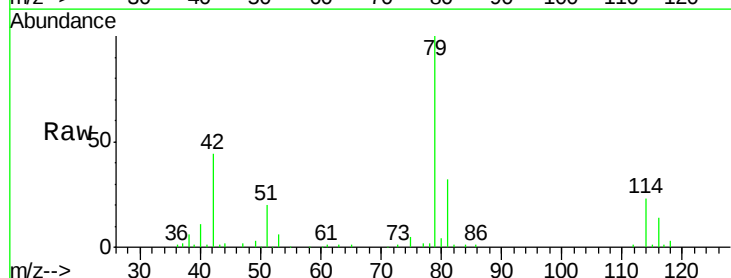
Instrument :
 MSVOA_W
 ClientSampleId :
 BFSK4

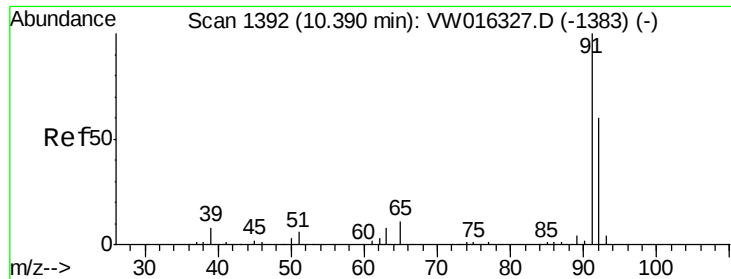
Tgt Ion: 63 Resp: 11518
 Ion Ratio Lower Upper
 63 100
 112 0.4 4.4 6.6#



#42
 cis-1,3-Dichloropropene
 Concen: 0.424 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW016332.D
 Acq: 24 Aug 2020 15:54

Tgt Ion: 75 Resp: 2868
 Ion Ratio Lower Upper
 75 100
 77 41.6 22.0 40.8#





#44

Toluene

Concen: 0.407 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016332.D

Acq: 24 Aug 2020 15:54

Instrument :

MSVOA_W

ClientSampleId :

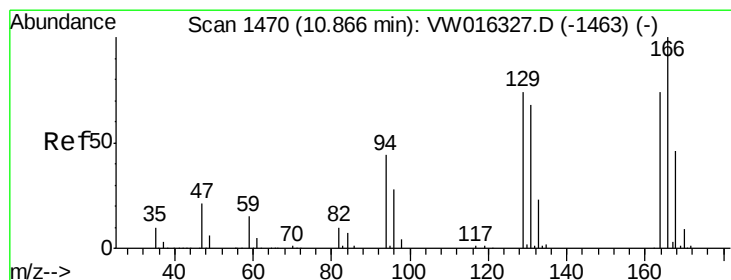
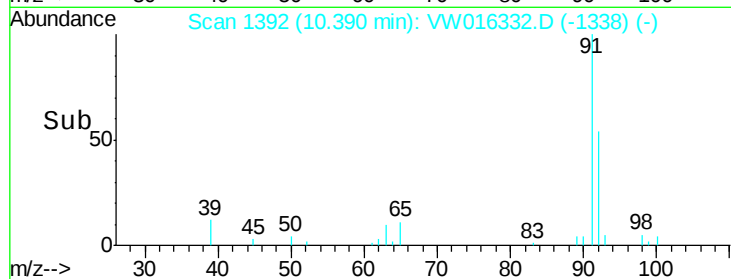
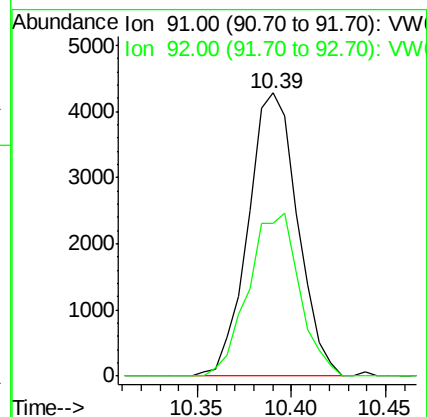
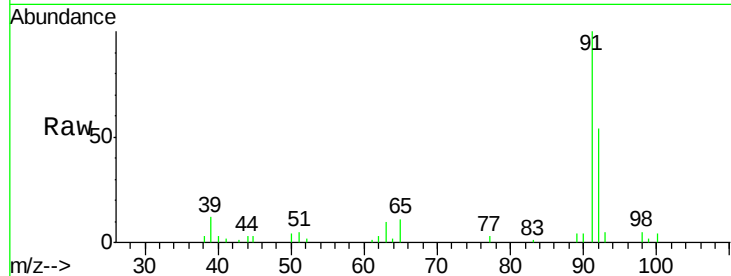
BFSK4

Tgt Ion: 91 Resp: 7787

Ion Ratio Lower Upper

91 100

92 54.1 41.5 77.1



#47

Tetrachloroethene

Concen: 1.798 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW016332.D

Acq: 24 Aug 2020 15:54

Tgt Ion: 164 Resp: 7044

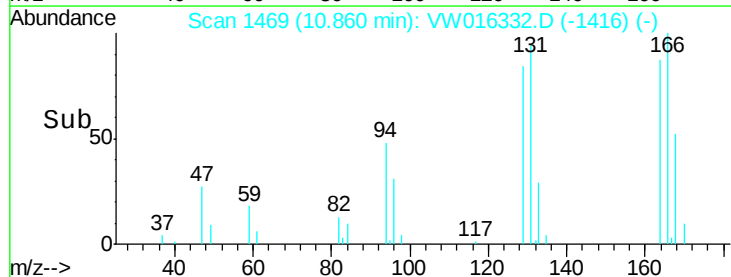
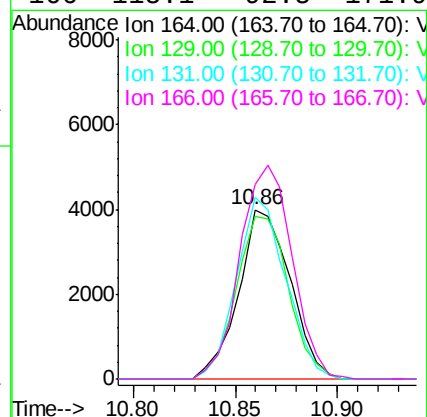
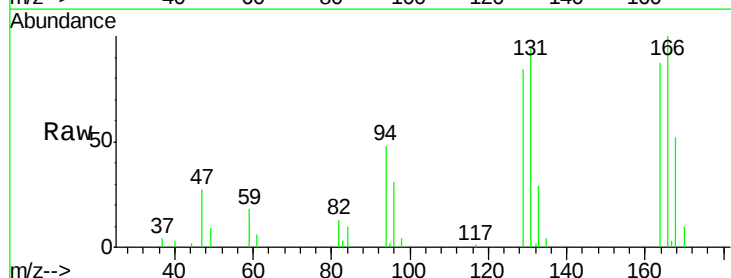
Ion Ratio Lower Upper

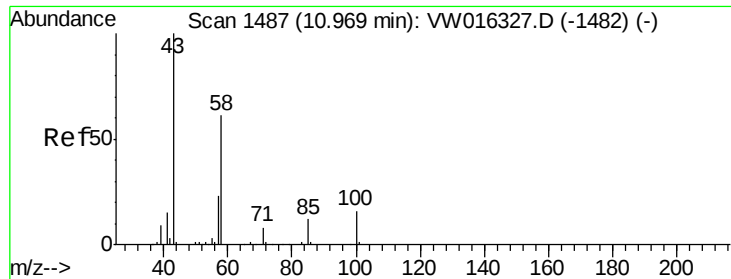
164 100

129 96.3 71.5 132.7

131 107.7 67.4 125.2

166 115.1 92.5 171.9

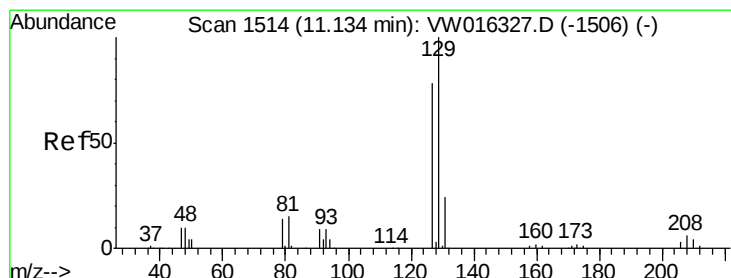
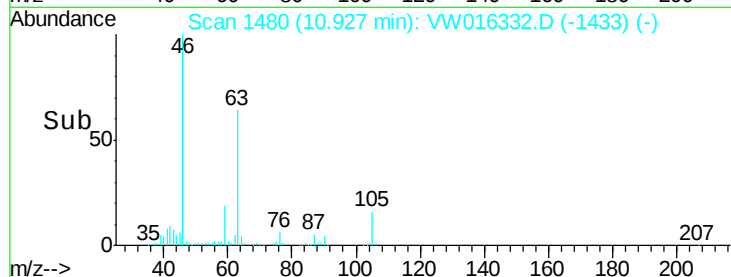
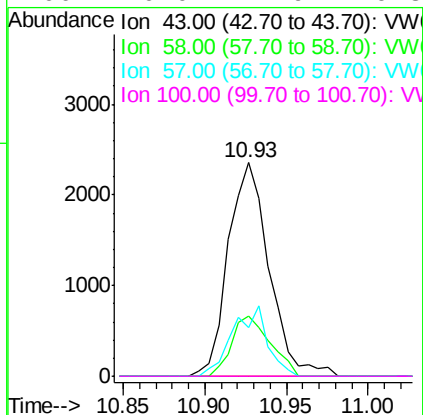
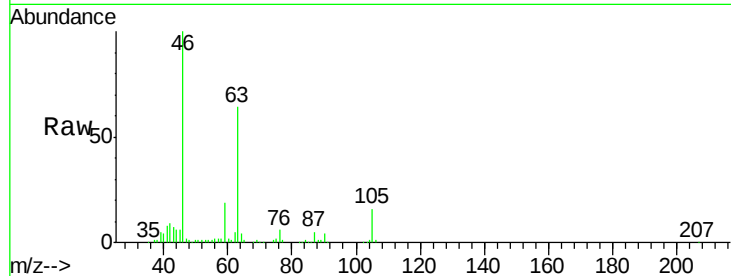




#49
2-Hexanone
Concen: 2.569 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW016332.D
Acq: 24 Aug 2020 15:54

Instrument :
MSVOA_W
ClientSampleId :
BFSK4

Tgt Ion: 43 Resp: 4107
Ion Ratio Lower Upper
43 100
58 26.7 49.5 74.3#
57 28.0 17.7 26.5#
100 0.0 12.9 19.3#



#50
Dibromochloromethane
Concen: 1.620 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.27 min
Lab File: VW016332.D
Acq: 24 Aug 2020 15:54

Tgt Ion: 129 Resp: 6871
Ion Ratio Lower Upper
129 100
127 0.0 53.8 99.8#

