

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082420\
 Data File : VW016343.D
 Acq On : 24 Aug 2020 20:15
 Operator : SY/VA
 Sample : L3789-05
 Misc : 6.25G/10ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSLO

Quant Time: Aug 25 05:31:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 25 05:29:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	291674	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	261554	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	103726	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	50035	16.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.28%
7) Chloroethane-d5	2.89	69	43252	18.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.20%
10) 1,1-Dichloroethene-d2	4.01	63	92833	12.55	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.20%
20) 2-Butanone-d5	7.08	46	34872	39.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.74%
24) Chloroform-d	7.65	84	162120	21.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.28%
26) 1,2-Dichloroethane-d4	8.31	65	83513	21.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.24%
29) Benzene-d6	8.27	84	294409	20.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.64%
33) 1,2-Dichloropropane-d6	9.27	67	90217	22.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.32%
37) Toluene-d8	10.32	98	255022	18.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.04%
38) trans-1,3-Dichloropropene-	10.58	79	36741	18.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.36%
39) 2-Hexanone-d5	10.93	63	30449	47.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75361	22.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	87315	21.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.80%

Target Compounds

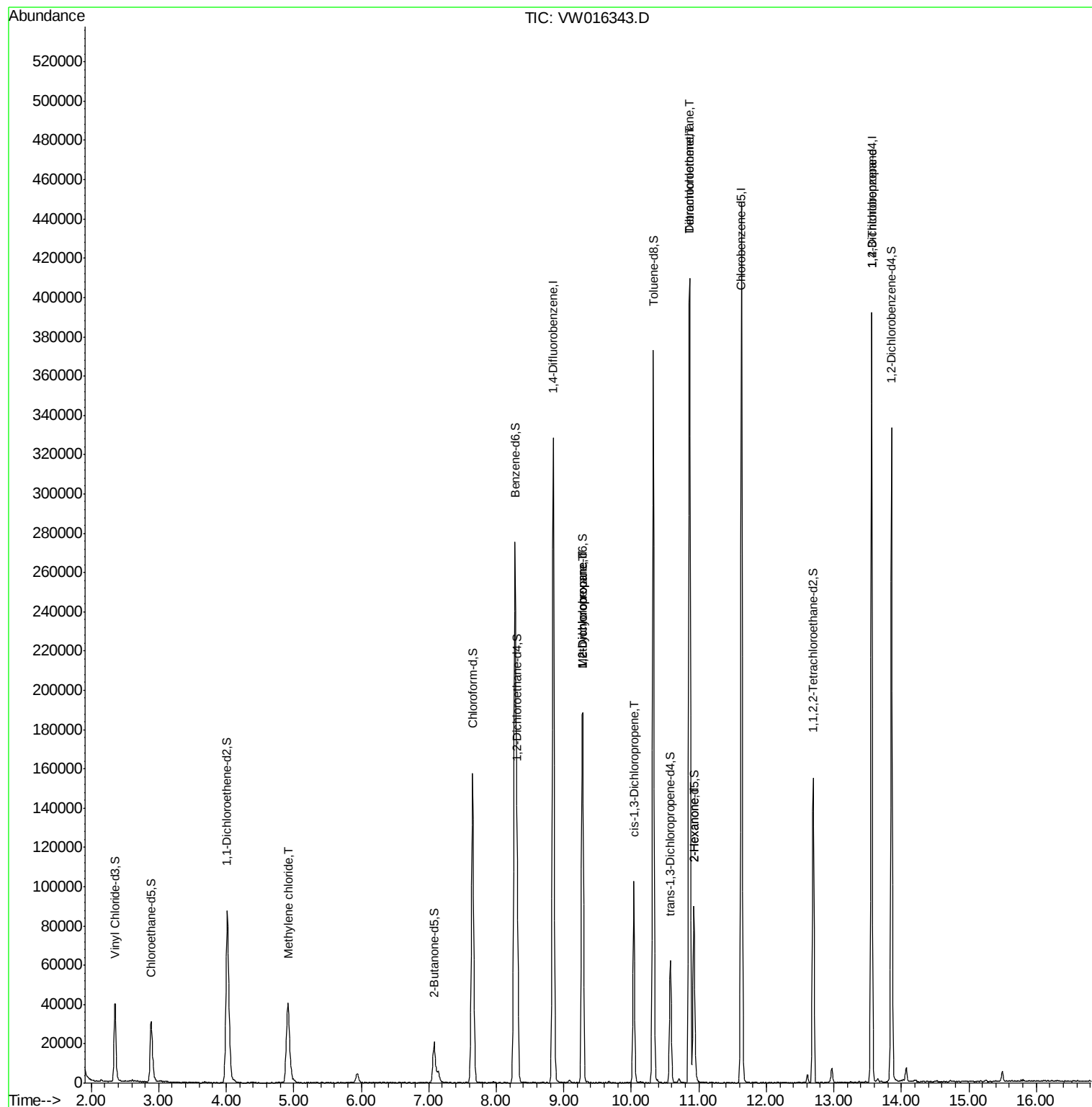
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	37463	6.948	ug/L	98
36) Methylcyclohexane	9.28	83	24466	3.528	ug/L #	21
40) 1,2-Dichloropropane	9.27	63	9888	2.803	ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	2372	0.411	ug/L #	70
47) Tetrachloroethene	10.87	164	96753	28.884	ug/L	94
49) 2-Hexanone	10.93	43	5196	3.802	ug/L #	59
50) Dibromochloromethane	10.86	129	94871	26.158	ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	12173	4.837	ug/L	95

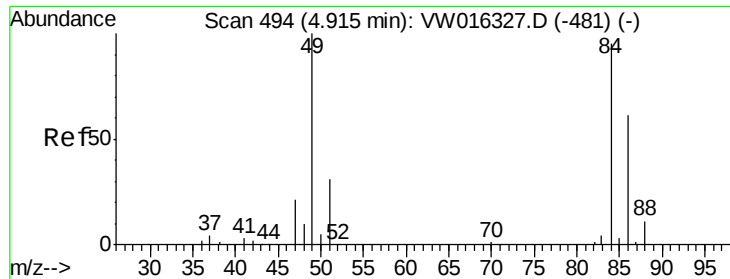
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082420\
Data File : VW016343.D
Acq On : 24 Aug 2020 20:15
Operator : SY/VA
Sample : L3789-05
Misc : 6.25G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFSLO

Quant Time: Aug 25 05:31:48 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 25 05:29:05 2020
Response via : Initial Calibration

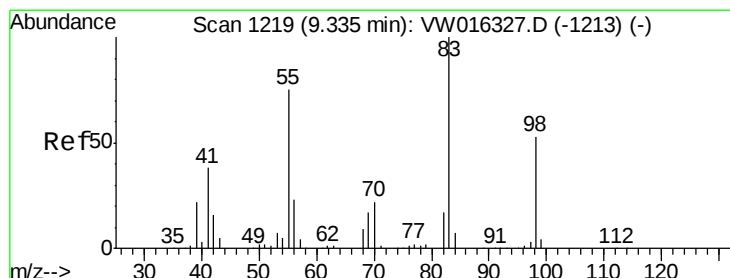
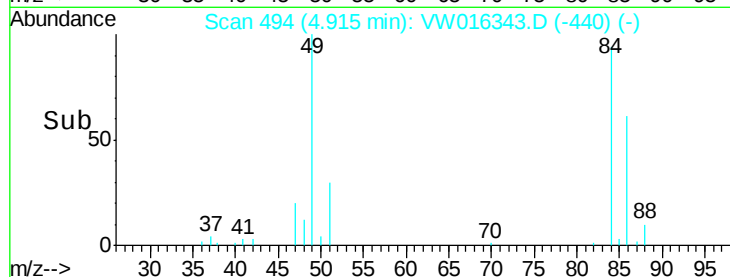
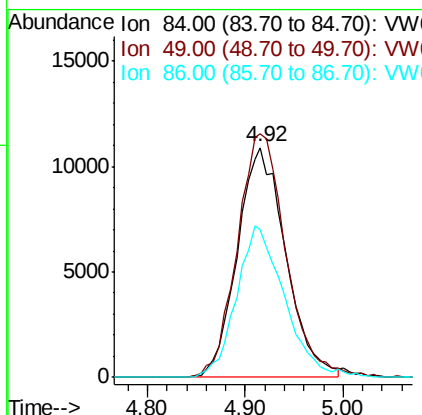
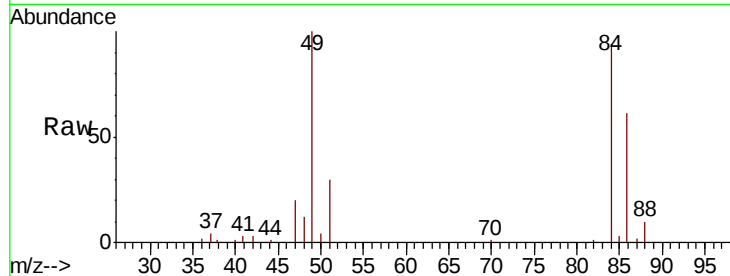




#16
Methylene chloride
Concen: 6.948 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW016343.D
Acq: 24 Aug 2020 20:15

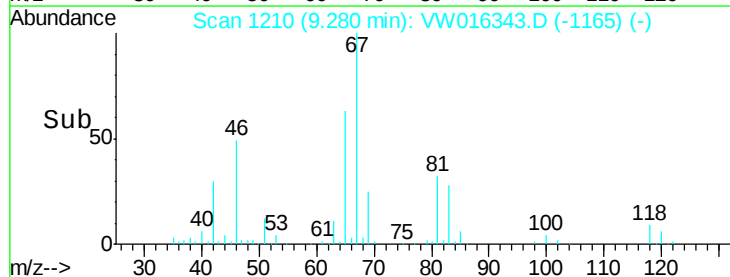
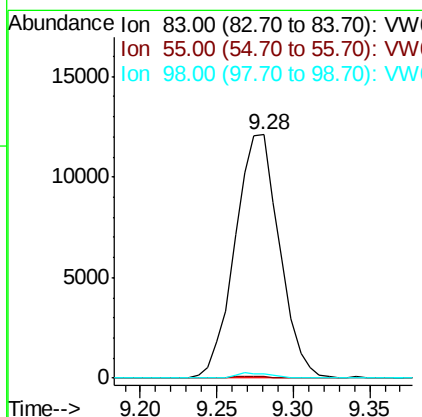
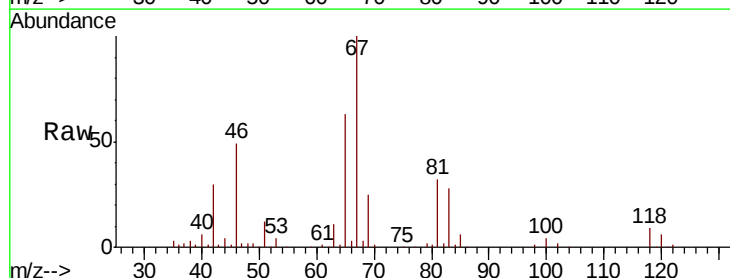
Instrument :
MSVOA_W
ClientSampleId :
BFSLO

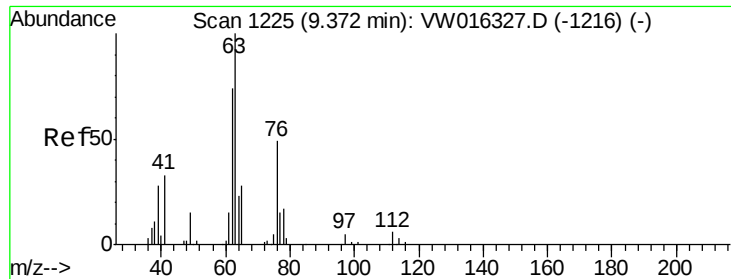
Tot Ion: 84 Resp: 37463
Ion Ratio Lower Upper
84 100
49 106.0 75.3 139.9
86 64.2 43.3 80.3



#36
Methylcyclohexane
Concen: 3.528 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW016343.D
Acq: 24 Aug 2020 20:15

Tgt Ion: 83 Resp: 24466
Ion Ratio Lower Upper
83 100
55 0.4 55.6 83.4#
98 1.6 40.6 61.0#





#40

1,2-Dichloropropane

Concen: 2.803 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016343.D

Acq: 24 Aug 2020 20:15

Instrument :

MSVOA_W

ClientSampled :

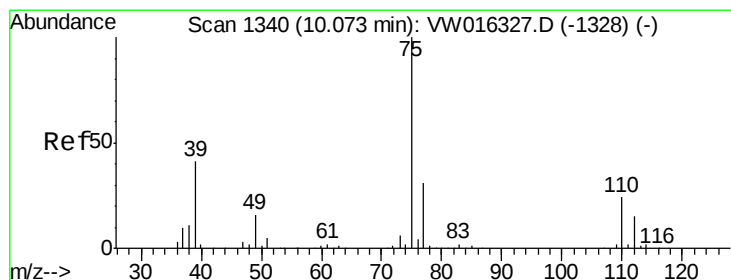
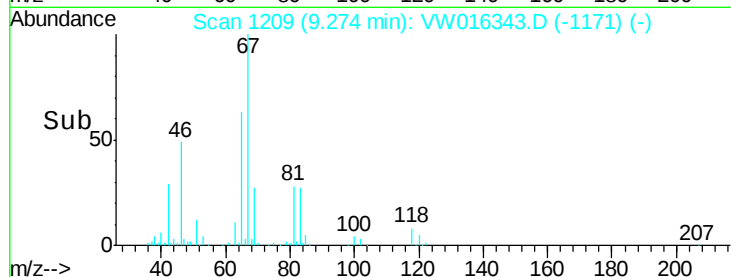
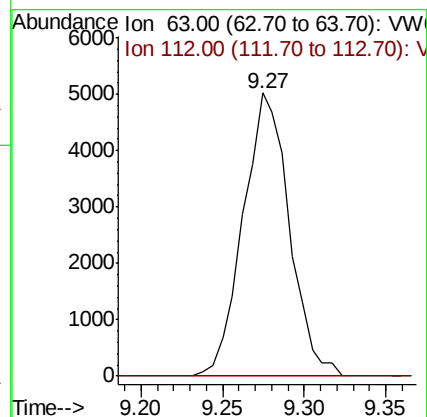
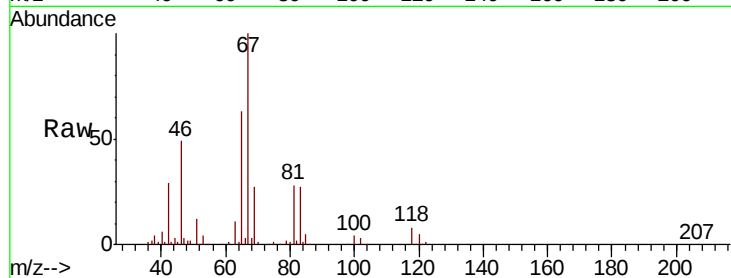
BFSLO

Tot Ion: 63 Resp: 9888

Ion Ratio Lower Upper

63 100

112 0.0 4.4 6.6#



#42

cis-1,3-Dichloropropene

Concen: 0.411 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016343.D

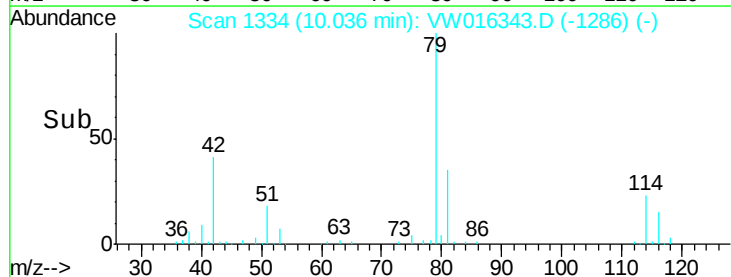
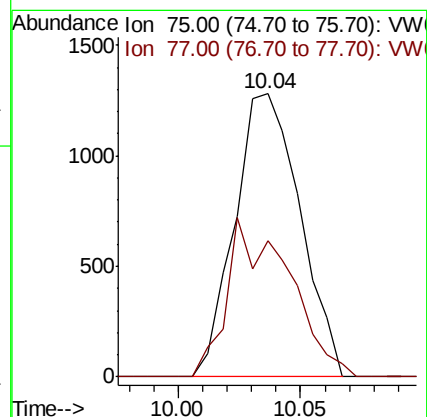
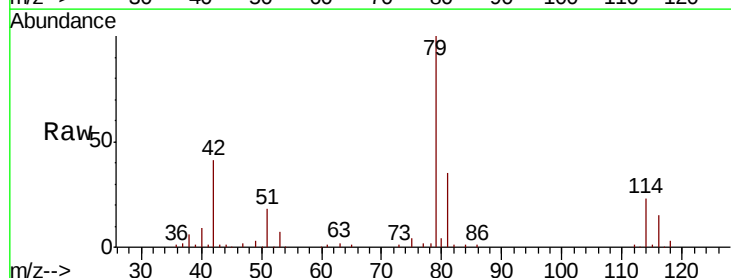
Acq: 24 Aug 2020 20:15

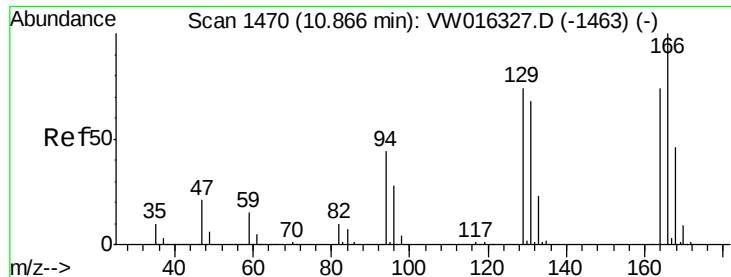
Tgt Ion: 75 Resp: 2372

Ion Ratio Lower Upper

75 100

77 48.0 22.0 40.8#

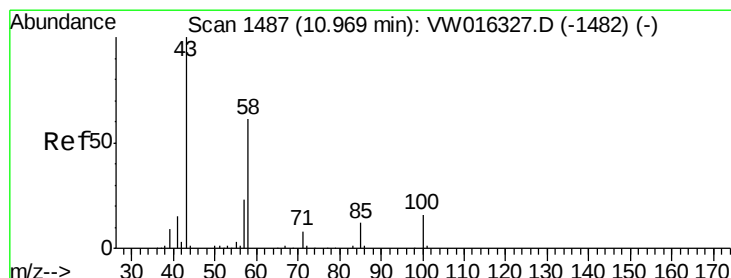
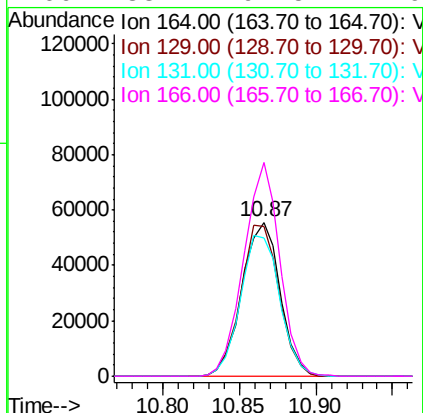
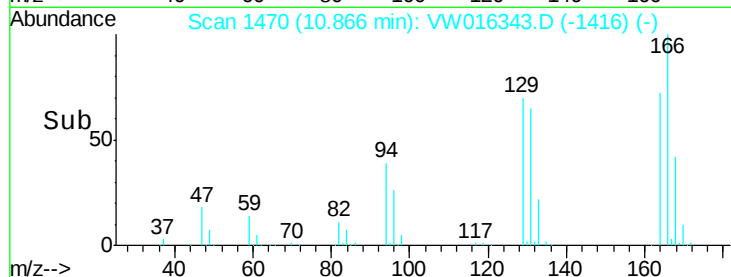
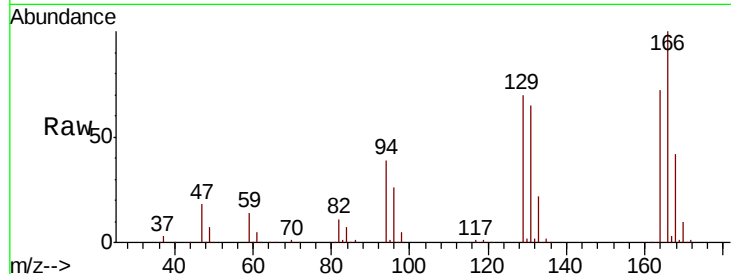




#47
Tetrachloroethene
Concen: 28.884 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016343.D
Acq: 24 Aug 2020 20:15

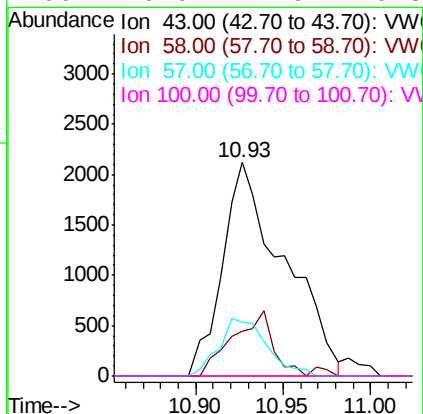
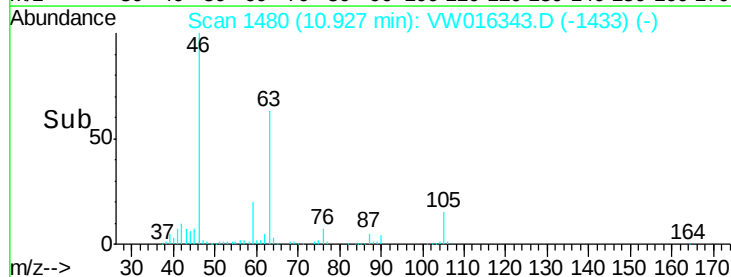
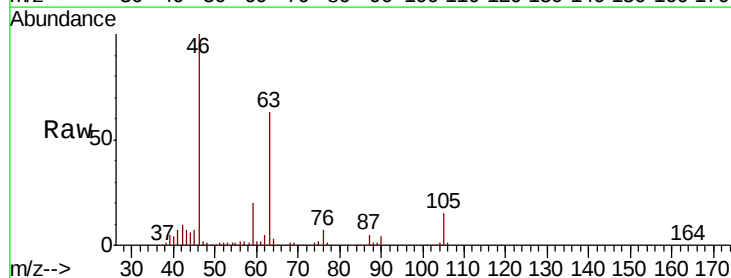
Instrument :
MSVOA_W
ClientSampleId :
BFSLO

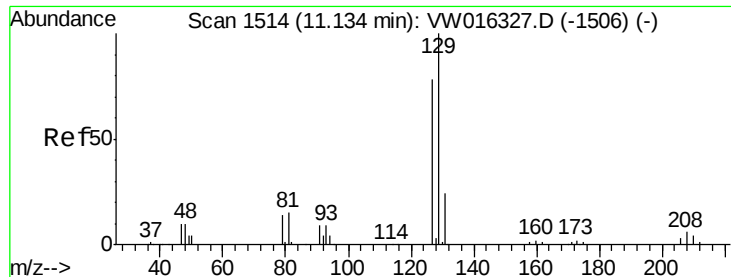
Tot Ion:164 Resp: 96753
Ion Ratio Lower Upper
164 100
129 96.9 71.5 132.7
131 89.9 67.4 125.2
166 138.7 92.5 171.9



#49
2-Hexanone
Concen: 3.802 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW016343.D
Acq: 24 Aug 2020 20:15

Tgt Ion: 43 Resp: 5196
Ion Ratio Lower Upper
43 100
58 19.7 49.5 74.3#
57 20.8 17.7 26.5
100 0.0 12.9 19.3#





#50

Dibromochloromethane

Concen: 26.158 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW016343.D

Acq: 24 Aug 2020 20:15

Instrument :

MSVOA_W

ClientSampleId :

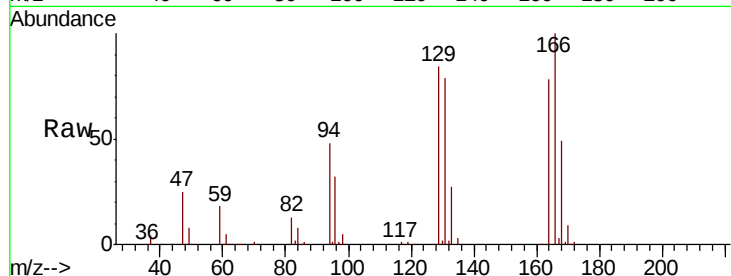
BFSLO

Tot Ion:129 Resp: 94871

Ion Ratio Lower Upper

129 100

127 0.1 53.8 99.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

60000

50000

40000

30000

20000

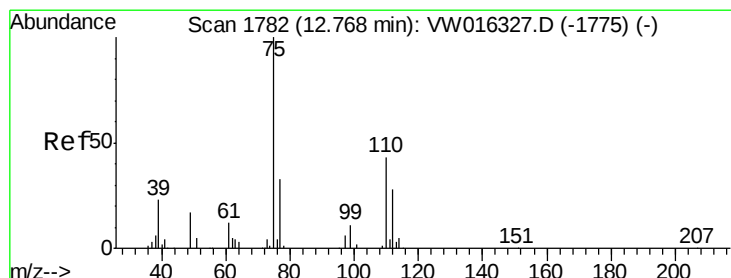
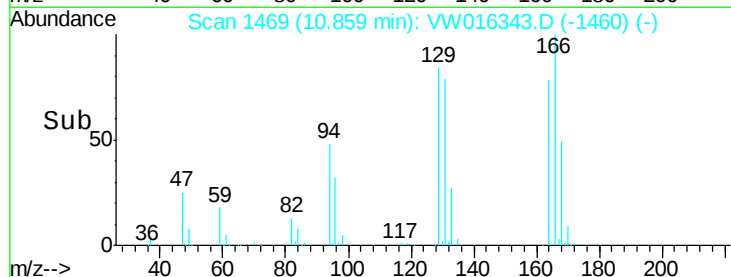
10000

0

10.86

10.80 10.85 10.90

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.837 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016343.D

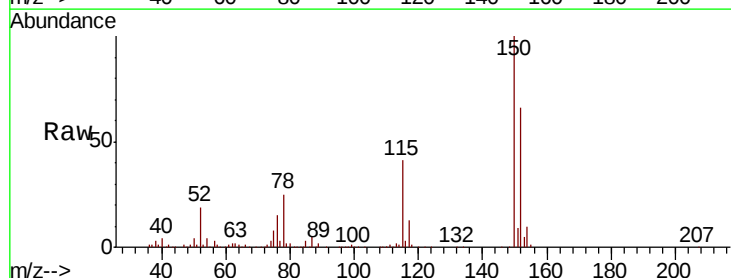
Acq: 24 Aug 2020 20:15

Tgt Ion: 75 Resp: 12173

Ion Ratio Lower Upper

75 100

77 36.8 27.1 40.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

8000

6000

4000

2000

0

13.56

13.50 13.55 13.60

Time-->

