

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082620\
 Data File : VW016367.D
 Acq On : 26 Aug 2020 15:12
 Operator : SY/VA
 Sample : L3807-12
 Misc : 6.00G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSR9

Quant Time: Aug 27 02:44:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 27 02:40:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	297571	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	281001	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	123841	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	49120	15.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.84%
7) Chloroethane-d5	2.89	69	44959	18.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.56%
10) 1,1-Dichloroethene-d2	4.02	63	101334	13.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.72%
20) 2-Butanone-d5	7.09	46	32694	36.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.36%
24) Chloroform-d	7.65	84	165689	21.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.44%
26) 1,2-Dichloroethane-d4	8.31	65	84167	21.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.20%
29) Benzene-d6	8.28	84	306365	19.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.12%
33) 1,2-Dichloropropane-d6	9.27	67	89558	20.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.52%
37) Toluene-d8	10.33	98	289878	19.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.36%
38) trans-1,3-Dichloropropene-	10.58	79	37582	17.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.76%
39) 2-Hexanone-d5	10.93	63	28628	41.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	73415	20.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	105314	22.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.72%

Target Compounds

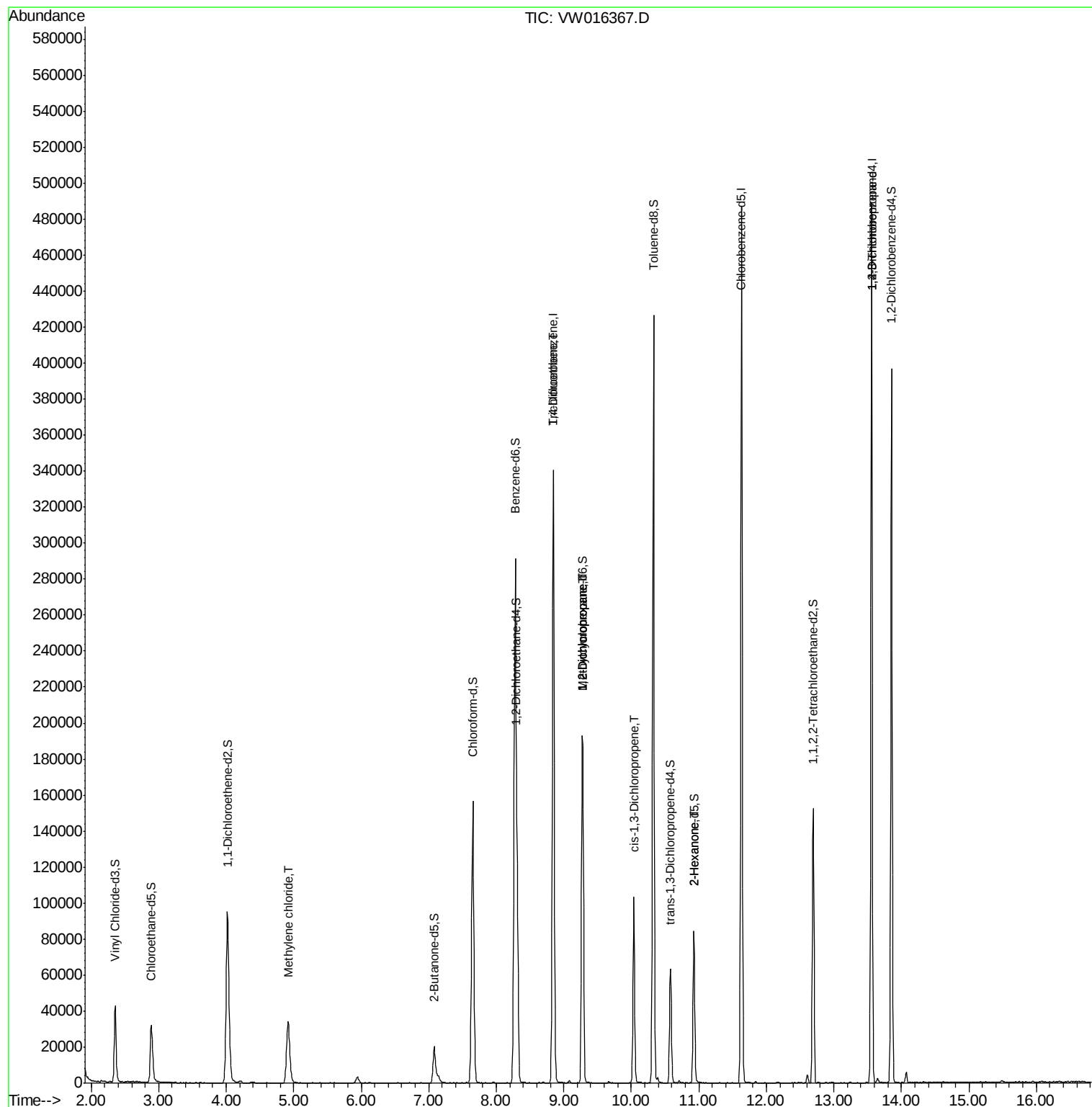
					Ovalue
16) Methylene chloride	4.92	84	18221	3.312 ug/L	95
35) Trichloroethene	8.84	95	9046	1.982 ug/L #	4
36) Methylcyclohexane	9.27	83	24434	3.280 ug/L #	21
40) 1,2-Dichloropropane	9.27	63	10301	2.718 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	2824	0.455 ug/L #	78
49) 2-Hexanone	10.93	43	3586	2.442 ug/L #	60
59) 1,2,3-Trichloropropane	13.56	75	13619	5.037 ug/L	90

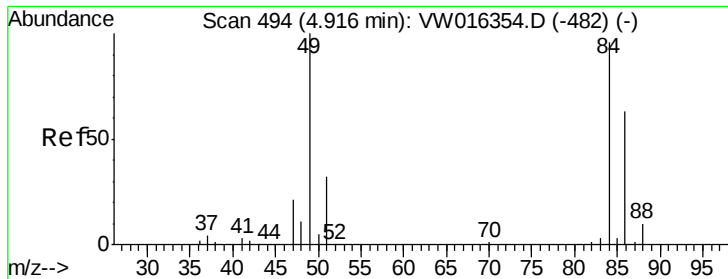
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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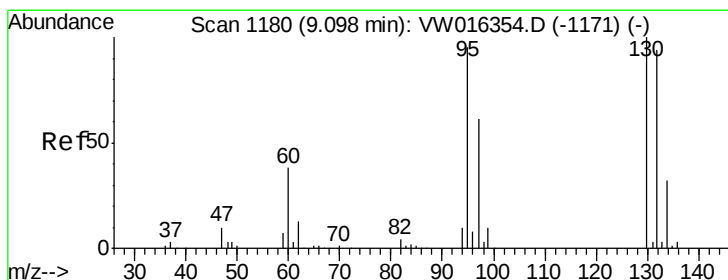
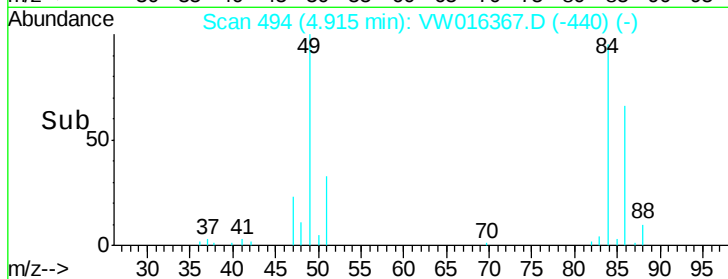
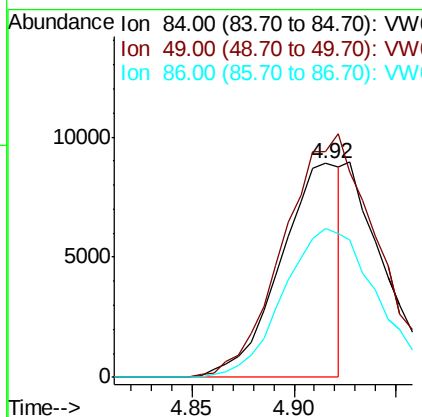
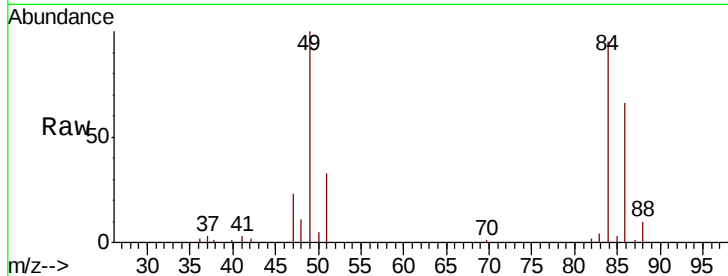




#16
Methvlene chloride
Concen: 3.312 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW016367.D
Acq: 26 Aug 2020 15:12

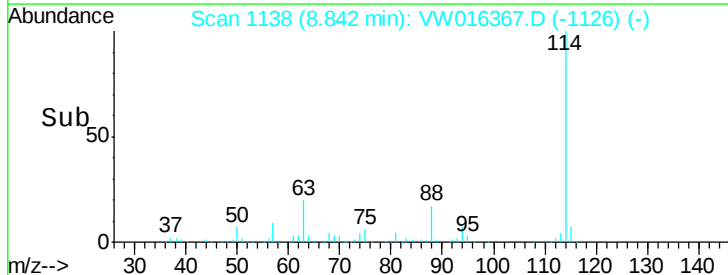
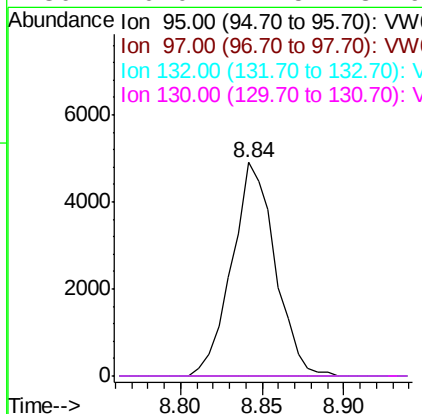
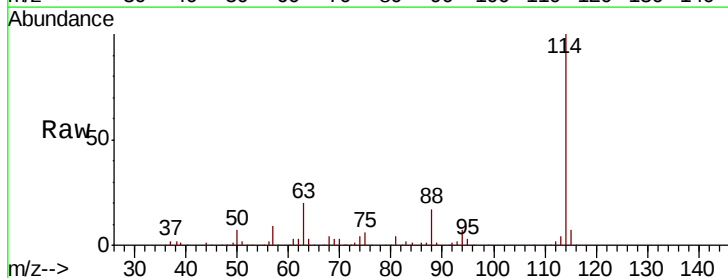
Instrument :
MSVOA_W
ClientSampled :
BFSR9

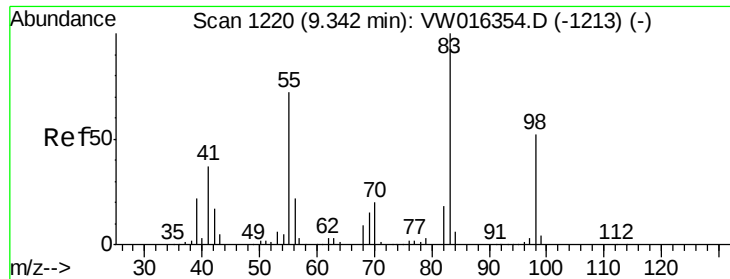
Tot Ion: 84 Resp: 18221
Ion Ratio Lower Upper
84 100
49 105.7 75.3 139.9
86 69.9 43.3 80.3



#35
Trichloroethene
Concen: 1.982 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.26 min
Lab File: VW016367.D
Acq: 26 Aug 2020 15:12

Tgt Ion: 95 Resp: 9046
Ion Ratio Lower Upper
95 100
97 0.0 44.9 83.5#
132 0.0 68.2 126.6#
130 0.0 71.5 132.9#

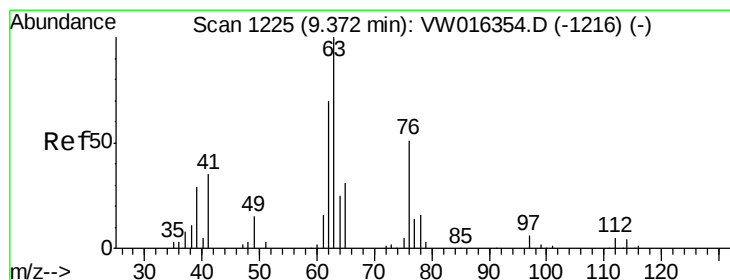
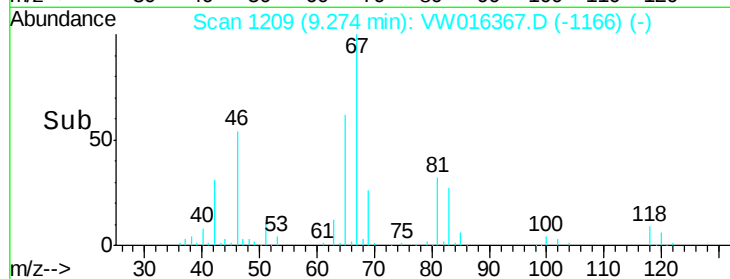
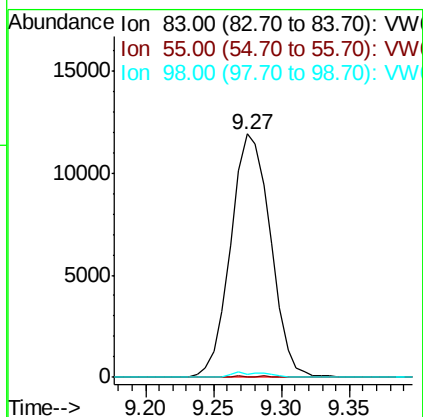
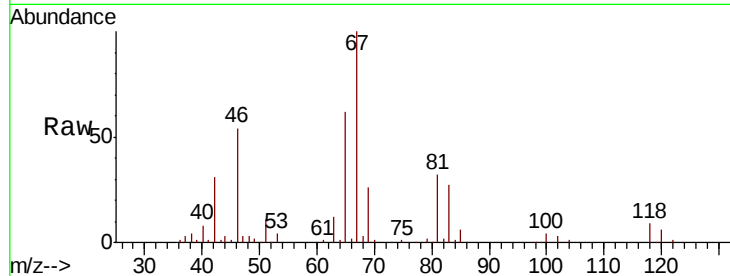




#36
Methvlcvclohexane
Concen: 3.280 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.07 min
Lab File: VW016367.D
Acq: 26 Aug 2020 15:12

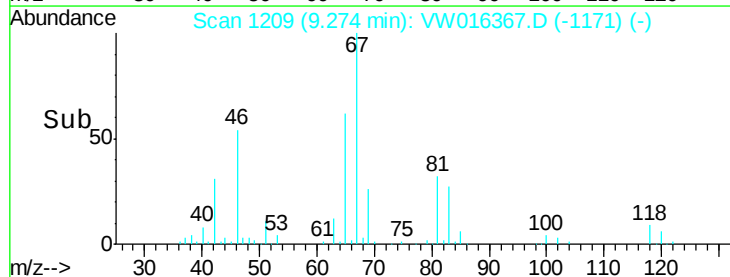
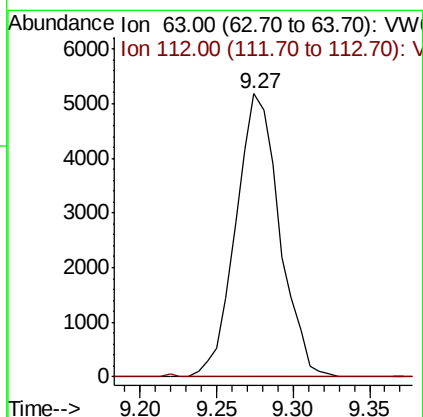
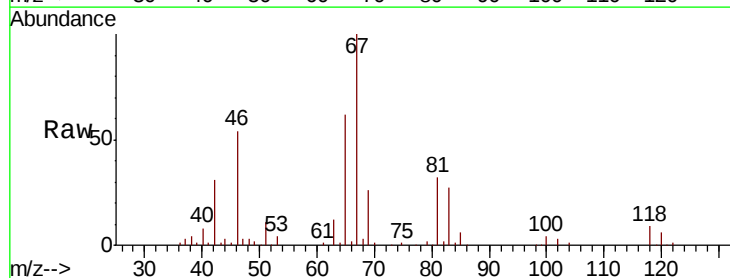
Instrument :
MSVOA_W
ClientSampleId :
BFSR9

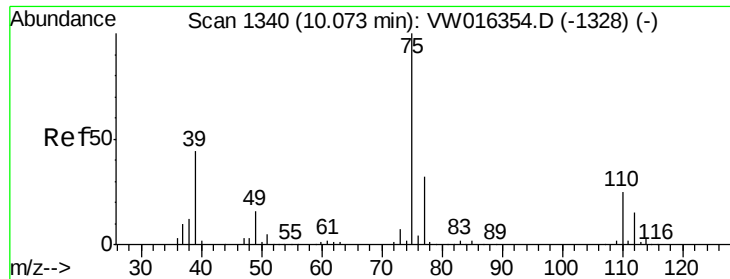
Tot Ion: 83 Resp: 24434
Ion Ratio Lower Upper
83 100
55 0.0 55.6 83.4#
98 1.0 40.6 61.0#



#40
1,2-Dichloropropane
Concen: 2.718 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW016367.D
Acq: 26 Aug 2020 15:12

Tgt Ion: 63 Resp: 10301
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#





#42

cis-1,3-Dichloropropene

Concen: 0.455 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016367.D

Acq: 26 Aug 2020 15:12

Instrument :

MSVOA_W

ClientSampleId :

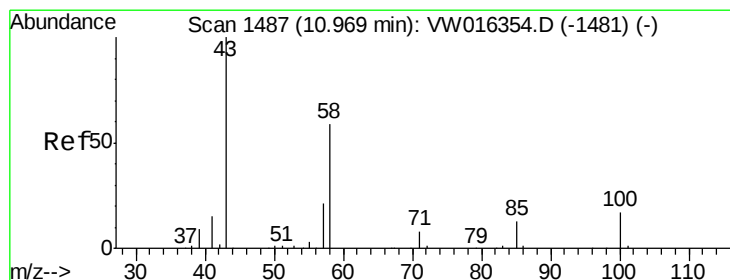
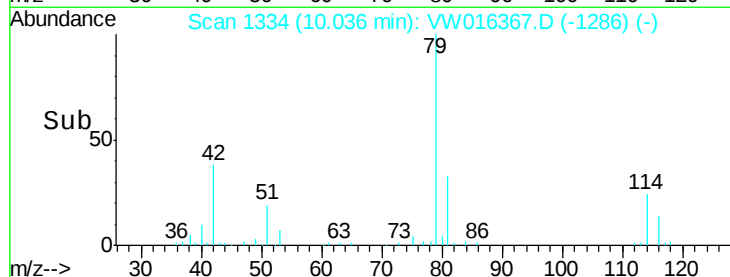
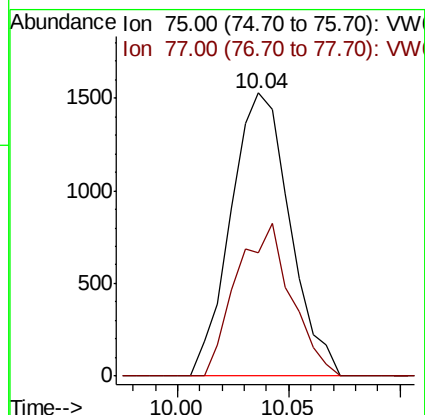
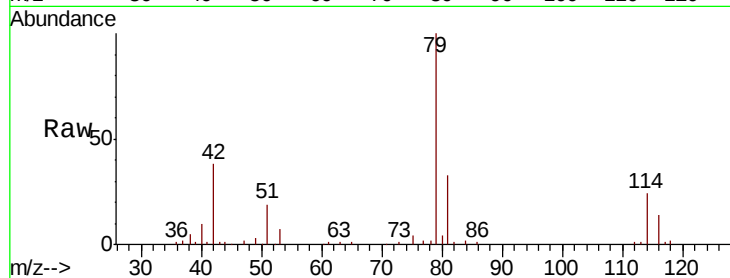
BFSR9

Tot Ion: 75 Resp: 2824

Ion Ratio Lower Upper

75 100

77 43.4 22.0 40.8#



#49

2-Hexanone

Concen: 2.442 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016367.D

Acq: 26 Aug 2020 15:12

Tgt Ion: 43 Resp: 3586

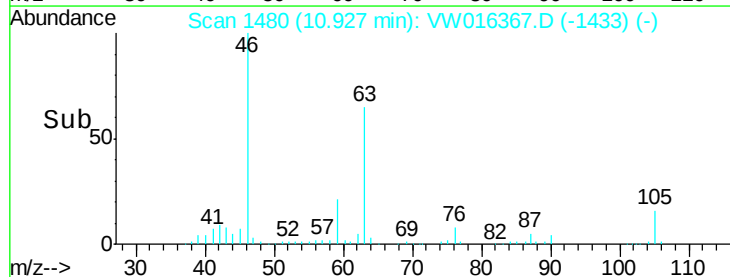
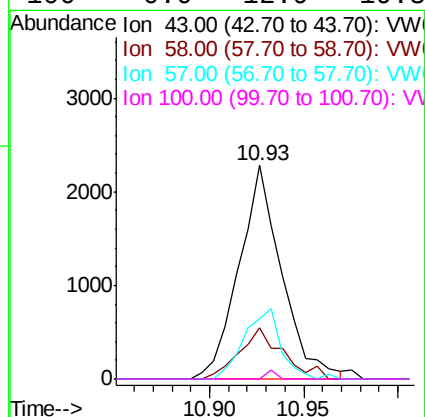
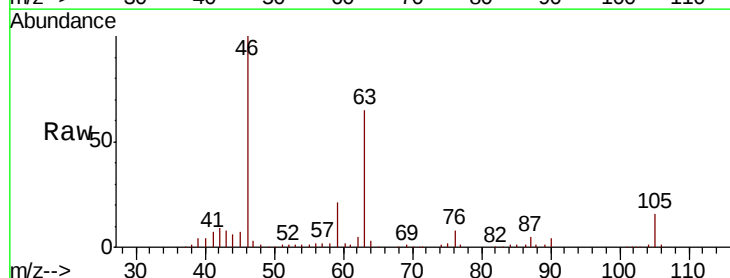
Ion Ratio Lower Upper

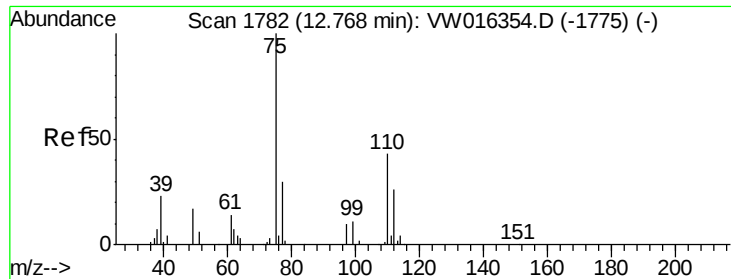
43 100

58 23.0 49.5 74.3#

57 28.2 17.7 26.5#

100 0.0 12.9 19.3#





#59

1,2,3-Trichloropropane

Concen: 5.037 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016367.D

Acq: 26 Aug 2020 15:12

Instrument :

MSVOA_W

ClientSampleId :

BFSR9

Tot Ion: 75 Resp: 13619

Ion Ratio Lower Upper

75 100

77 39.4 27.1 40.7

