

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082620\
 Data File : VW016365.D
 Acq On : 26 Aug 2020 14:24
 Operator : SY/VA
 Sample : L3807-03RE
 Misc : 6.28G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSN8

Quant Time: Aug 27 02:43:45 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	281723	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	272753	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	122885	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	51161	17.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.04%
7) Chloroethane-d5	2.89	69	45463	19.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.64%
10) 1,1-Dichloroethene-d2	4.02	63	106290	14.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.52%
20) 2-Butanone-d5	7.07	46	34886	40.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.56%
24) Chloroform-d	7.65	84	170913	23.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.08%
26) 1,2-Dichloroethane-d4	8.30	65	88286	23.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.32%
29) Benzene-d6	8.28	84	317662	20.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.44%
33) 1,2-Dichloropropane-d6	9.27	67	91988	21.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.32%
37) Toluene-d8	10.33	98	301929	21.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.08%
38) trans-1,3-Dichloropropene-	10.58	79	40629	19.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.92%
39) 2-Hexanone-d5	10.93	63	29154	43.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	76744	21.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	109512	23.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.96%

Target Compounds

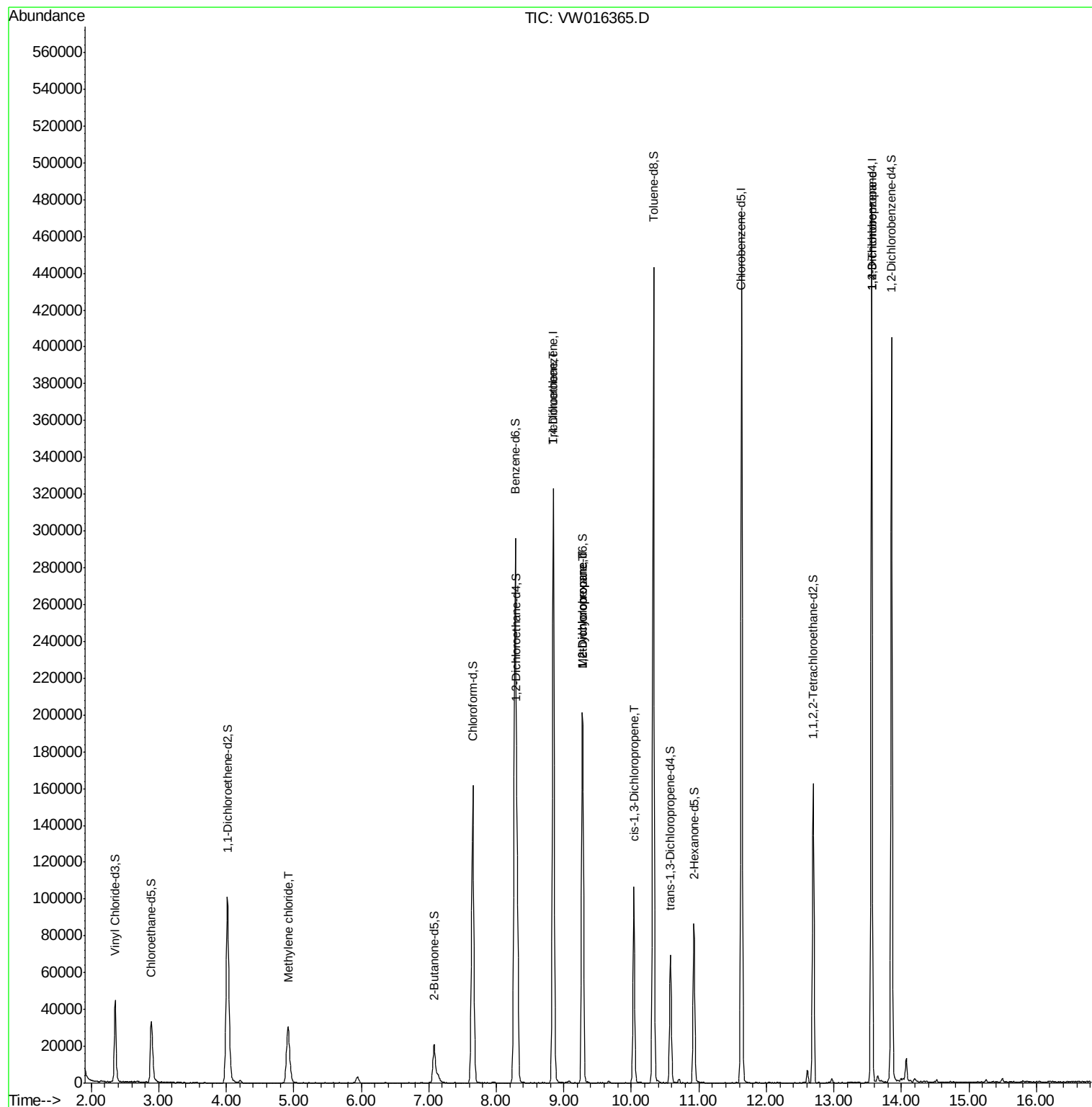
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	27760	5.330	ug/L	88
35) Trichloroethene	8.84	95	9099	2.054	ug/L #	4
36) Methylcyclohexane	9.27	83	25060	3.465	ug/L #	21
40) 1,2-Dichloropropane	9.27	63	10706	2.910	ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	2731	0.453	ug/L #	66
59) 1,2,3-Trichloropropane	13.56	75	13449	5.125	ug/L	93

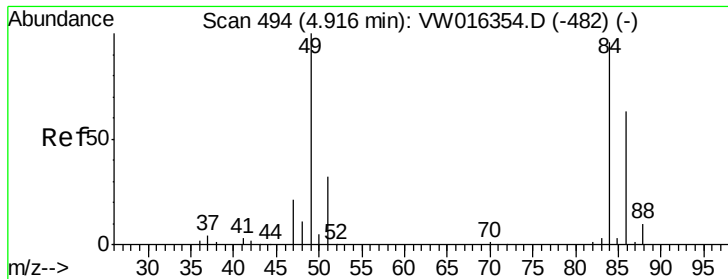
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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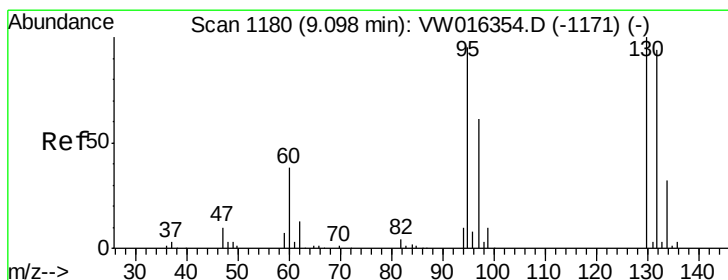
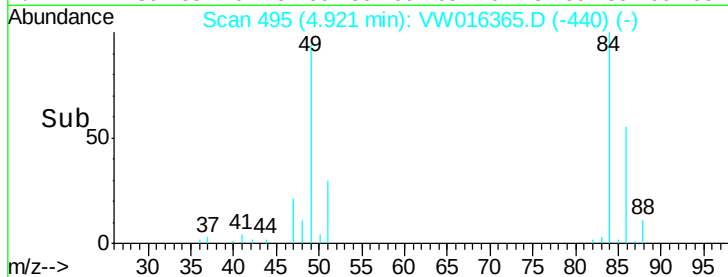
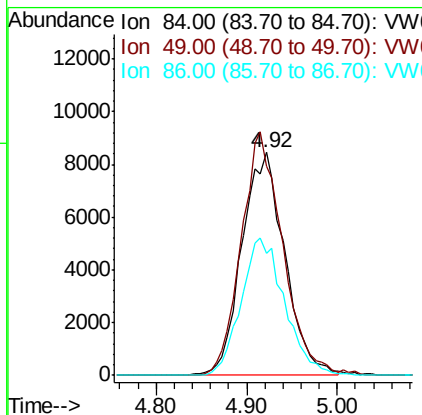
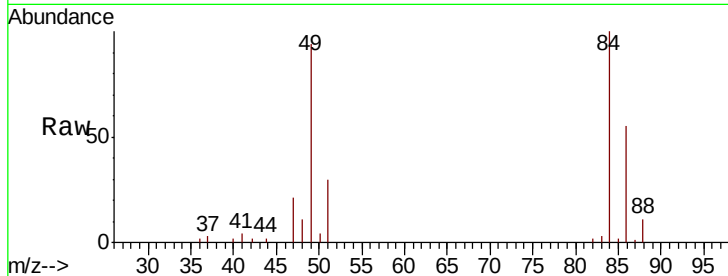




#16
Methvlene chloride
Concen: 5.330 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW016365.D
Acq: 26 Aug 2020 14:24

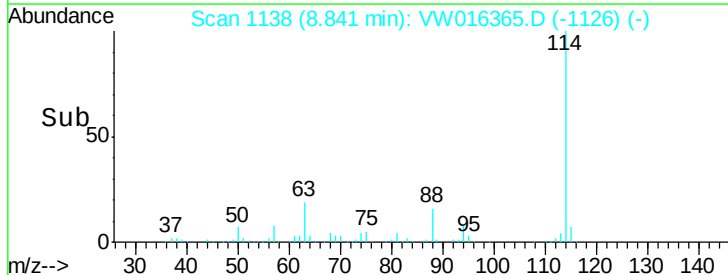
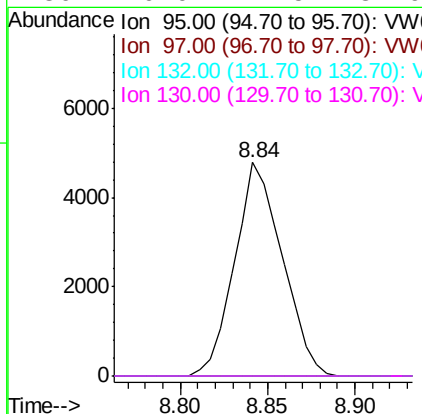
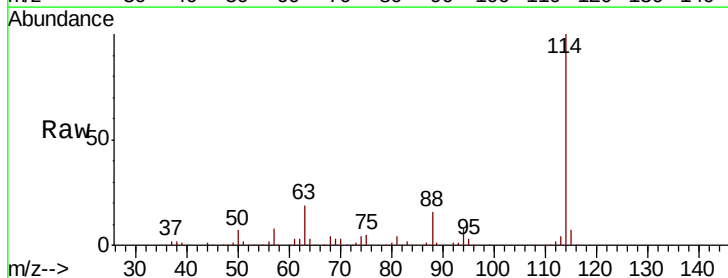
Instrument :
MSVOA_W
ClientSampled :
BFSN8

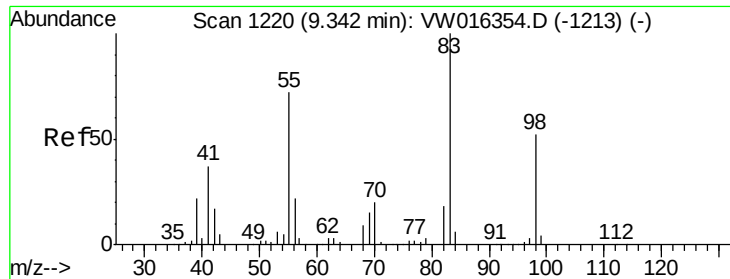
Tot Ion: 84 Resp: 27760
Ion Ratio Lower Upper
84 100
49 93.9 75.3 139.9
86 54.8 43.3 80.3



#35
Trichloroethene
Concen: 2.054 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.26 min
Lab File: VW016365.D
Acq: 26 Aug 2020 14:24

Tgt Ion: 95 Resp: 9099
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#

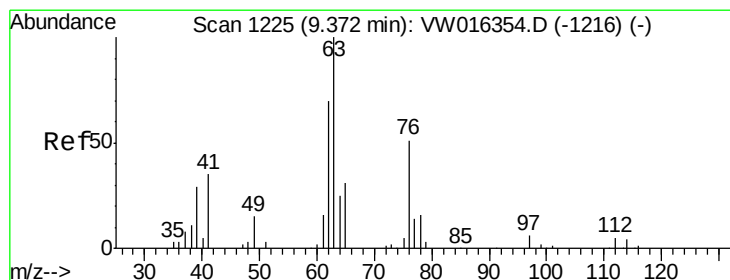
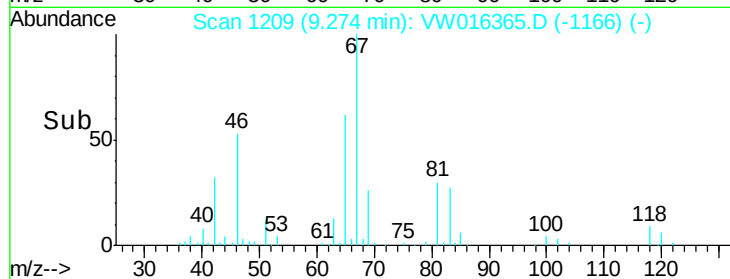
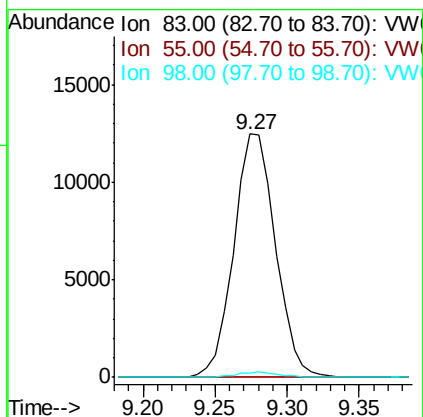
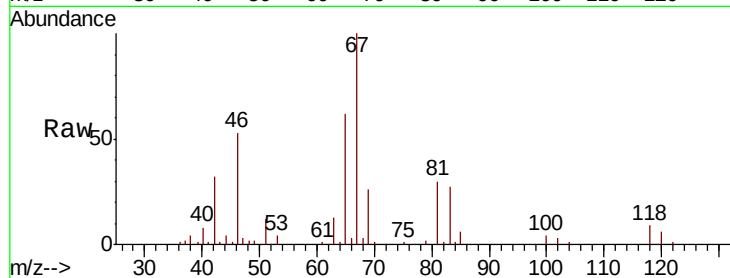




#36
Methylvlcyclohexane
Concen: 3.465 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.07 min
Lab File: VW016365.D
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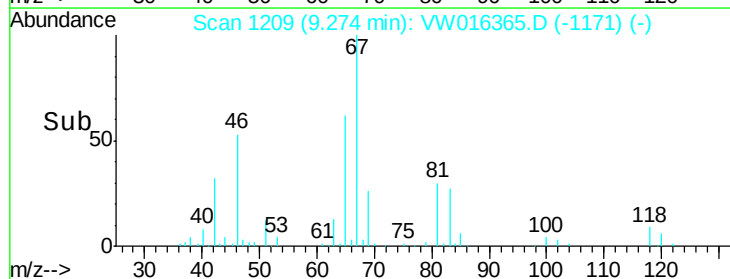
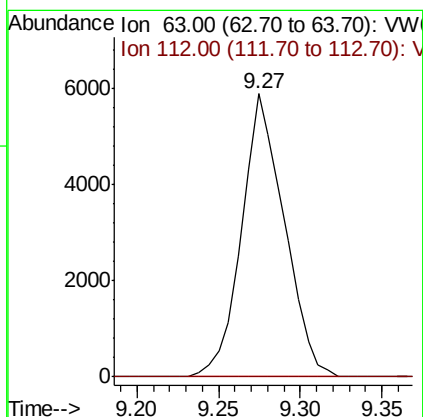
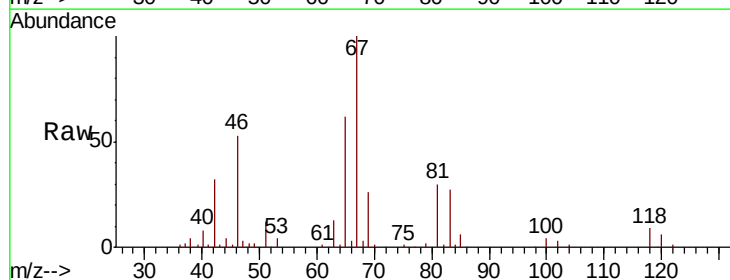
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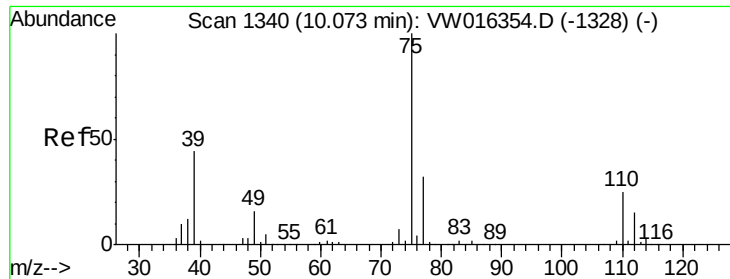
Tot Ion: 83 Resp: 25060
Ion Ratio Lower Upper
83 100
55 0.0 55.6 83.4#
98 2.0 40.6 61.0#



#40
1,2-Dichloropropane
Concen: 2.910 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW016365.D
Acq: 26 Aug 2020 14:24

Tgt Ion: 63 Resp: 10706
Ion Ratio Lower Upper
63 100
112 0.5 4.4 6.6#





#42

cis-1,3-Dichloropropene

Concen: 0.453 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016365.D

Acq: 26 Aug 2020 14:24

Instrument :

MSVOA_W

ClientSampleId :

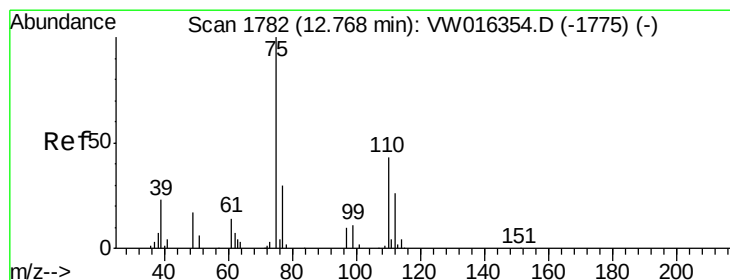
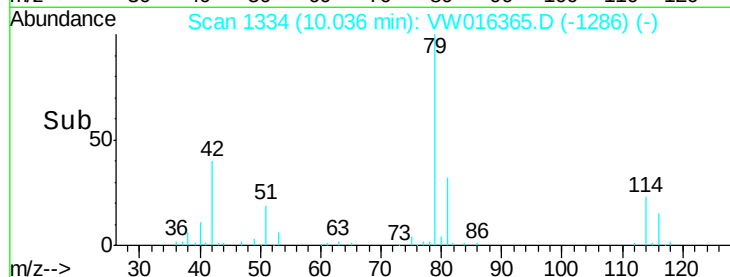
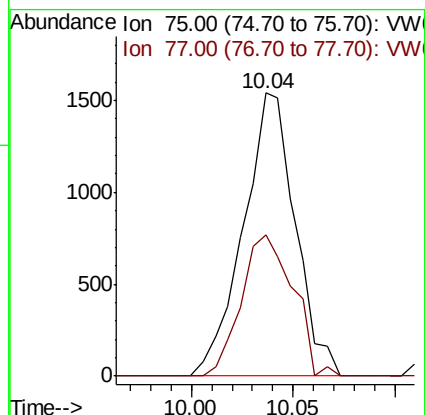
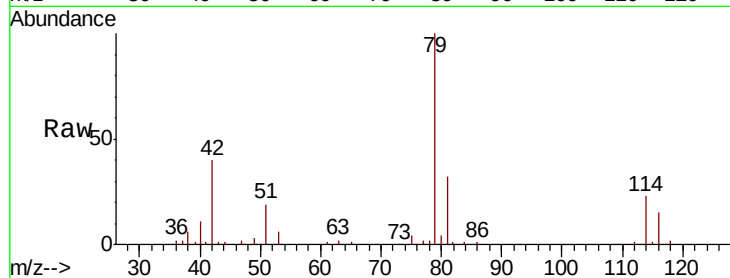
BFSN8

Tot Ion: 75 Resp: 2731

Ion Ratio Lower Upper

75 100

77 50.1 22.0 40.8#



#59

1,2,3-Trichloropropane

Concen: 5.125 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016365.D

Acq: 26 Aug 2020 14:24

Tgt Ion: 75 Resp: 13449

Ion Ratio Lower Upper

75 100

77 38.1 27.1 40.7

