

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082420\
 Data File : VW016336.D
 Acq On : 24 Aug 2020 17:29
 Operator : SY/VA
 Sample : L3789-10
 Misc : 5.06G/10ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWQ7

Quant Time: Aug 25 05:30:42 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	343055	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	322242	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	139541	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	53128	14.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.00%
7) Chloroethane-d5	2.89	69	46097	16.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.32%
10) 1,1-Dichloroethene-d2	4.01	63	102324	11.76	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.04%
20) 2-Butanone-d5	7.07	46	45342	43.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.06%
24) Chloroform-d	7.65	84	177975	19.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.60%
26) 1,2-Dichloroethane-d4	8.31	65	93237	20.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.92%
29) Benzene-d6	8.27	84	325567	18.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.40%
33) 1,2-Dichloropropane-d6	9.27	67	97503	19.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.36%
37) Toluene-d8	10.32	98	290672	17.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.52%
38) trans-1,3-Dichloropropene-	10.58	79	43617	18.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.60%
39) 2-Hexanone-d5	10.93	63	39413	49.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	89759	21.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	110580	20.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.68%

Target Compounds

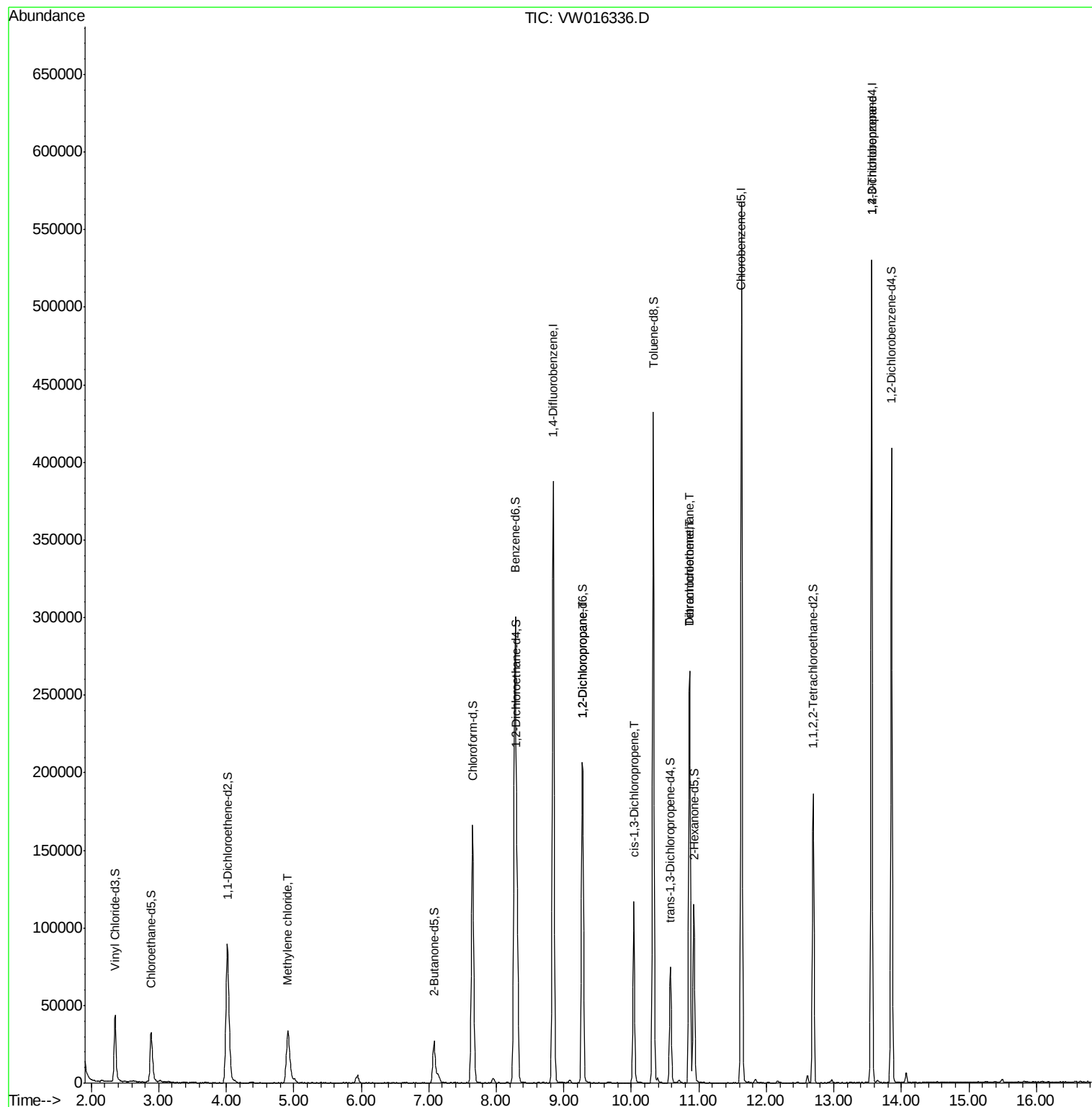
					Ovalue
16) Methylene chloride	4.91	84	31879	5.027 ug/L	98
40) 1,2-Dichloropropane	9.28	63	11233	2.584 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	2895	0.407 ug/L #	66
47) Tetrachloroethene	10.87	164	61835	14.983 ug/L	88
50) Dibromochloromethane	10.86	129	59800	13.383 ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	15627	5.040 ug/L	90

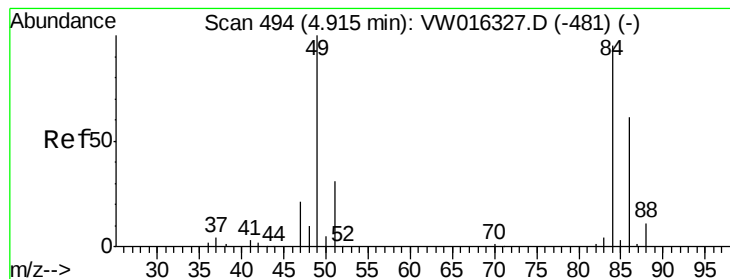
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Aug 25 05:29:05 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 5.027 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW016336.D

Acq: 24 Aug 2020 17:29

Instrument :

MSVOA_W

ClientSampleId :

BFWQ7

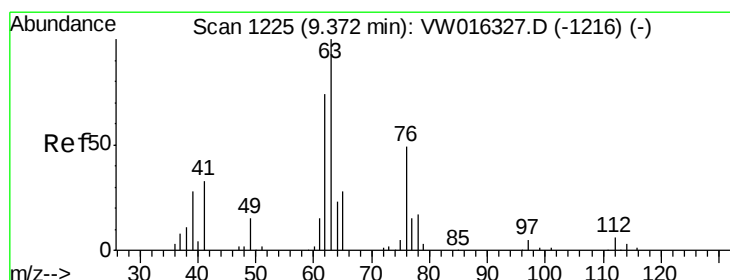
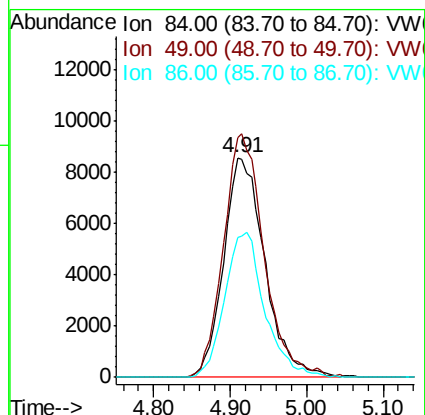
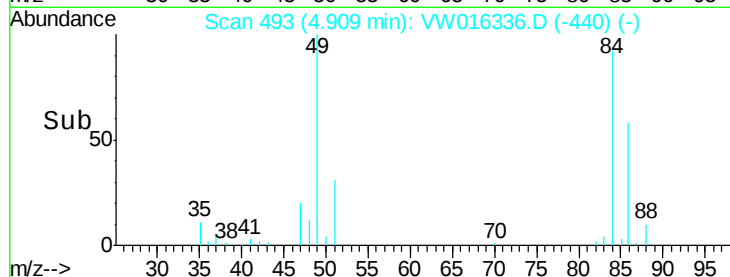
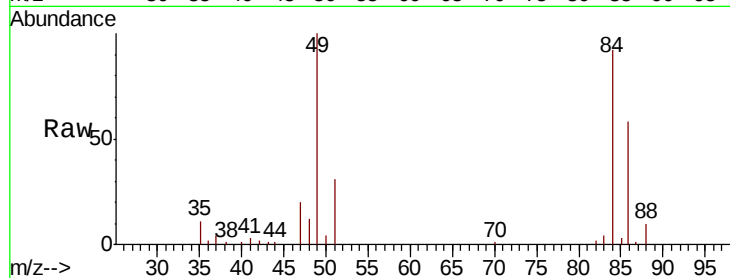
Tot Ion: 84 Resp: 31879

Ion Ratio Lower Upper

84 100

49 109.2 75.3 139.9

86 63.4 43.3 80.3



#40

1,2-Dichloropropane

Concen: 2.584 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW016336.D

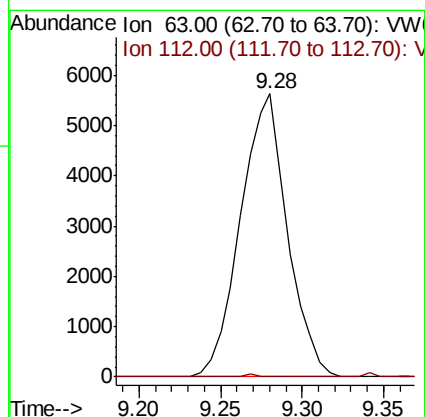
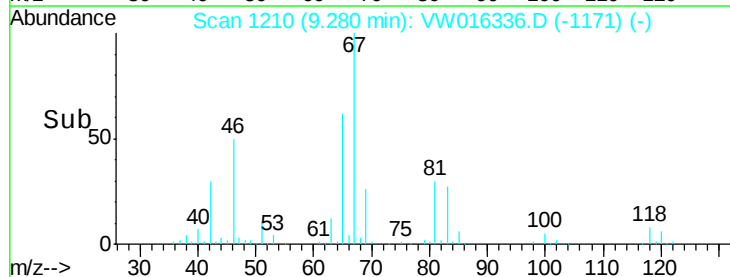
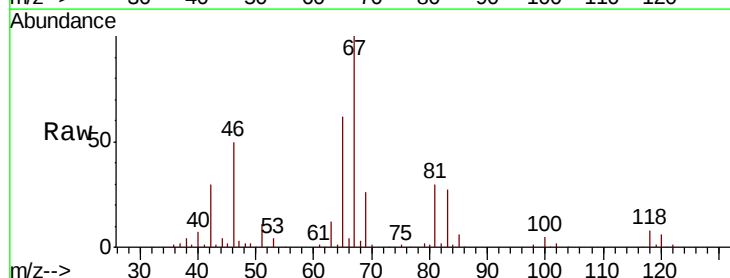
Acq: 24 Aug 2020 17:29

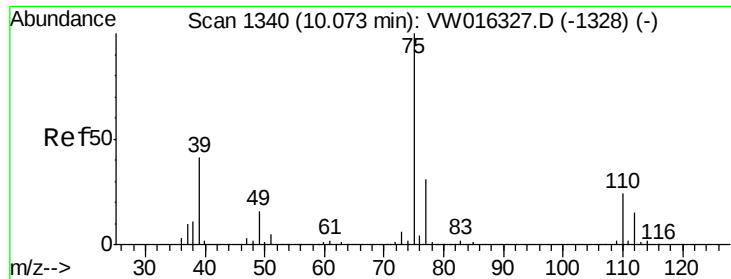
Tgt Ion: 63 Resp: 11233

Ion Ratio Lower Upper

63 100

112 0.0 4.4 6.6#

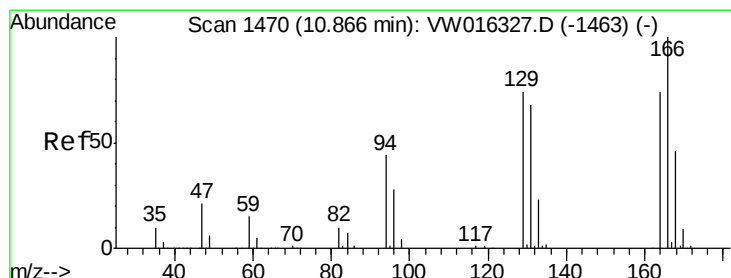
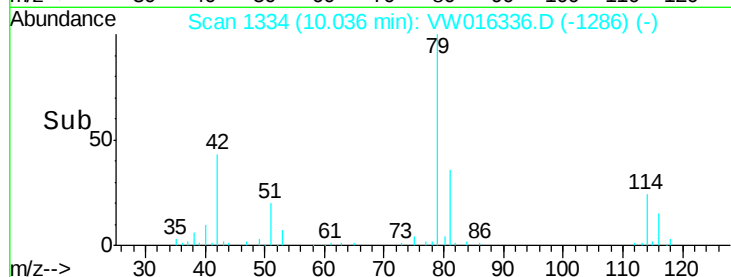
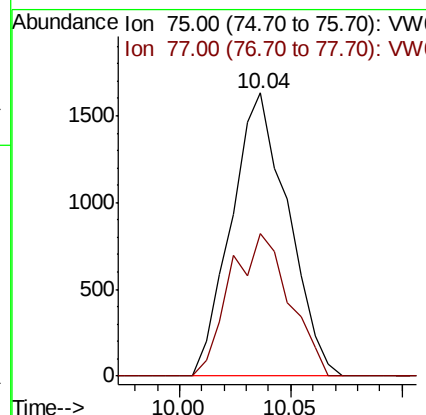
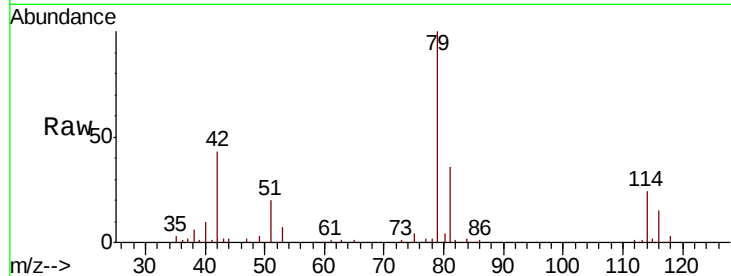




#42
 cis-1,3-Dichloropropene
 Concen: 0.407 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016336.D
 Acq: 24 Aug 2020 17:29

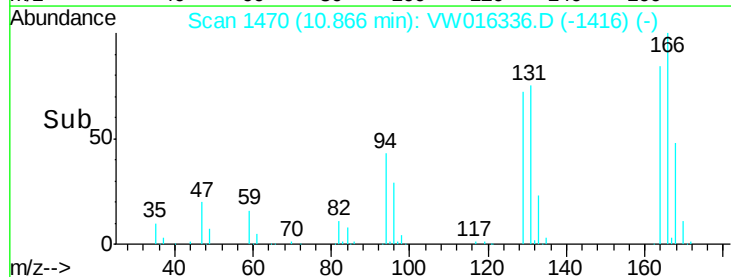
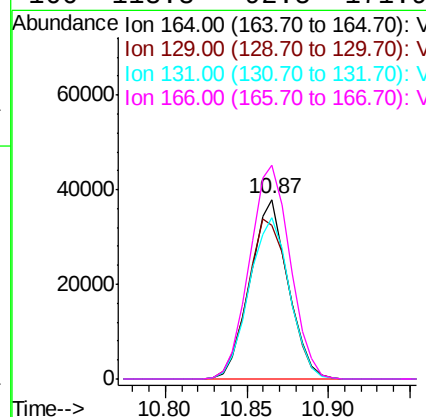
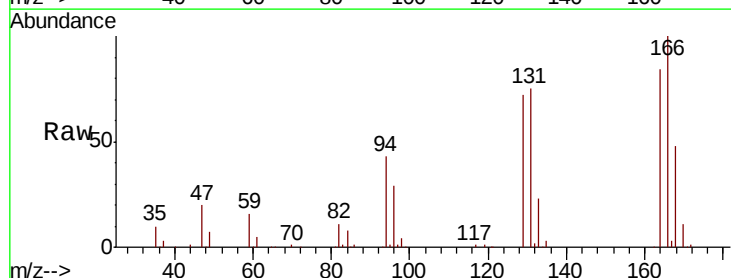
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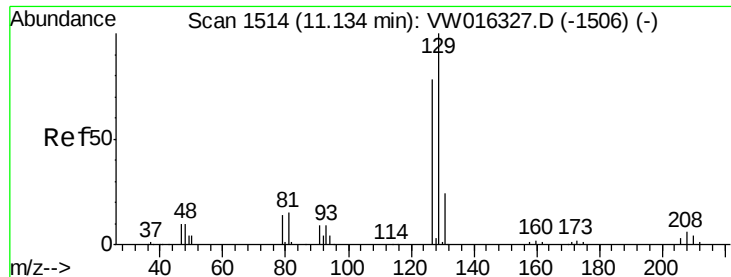
Tot Ion: 75 Resp: 2895
 Ion Ratio Lower Upper
 75 100
 77 50.2 22.0 40.8#



#47
 Tetrachloroethene
 Concen: 14.983 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: VW016336.D
 Acq: 24 Aug 2020 17:29

Tgt Ion: 164 Resp: 61835
 Ion Ratio Lower Upper
 164 100
 129 85.4 71.5 132.7
 131 89.4 67.4 125.2
 166 118.8 92.5 171.9





#50

Dibromochloromethane

Concen: 13.383 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW016336.D

Acq: 24 Aug 2020 17:29

Instrument :

MSVOA_W

ClientSampleId :

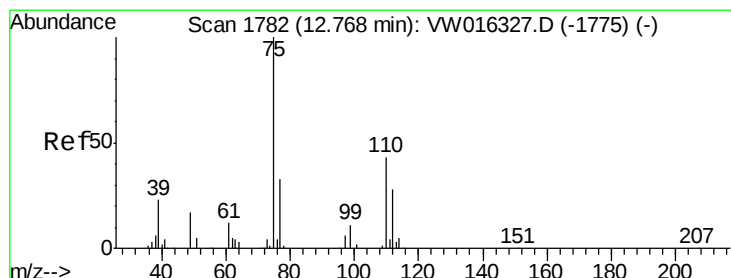
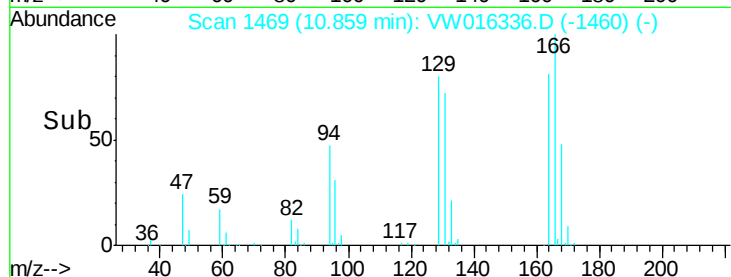
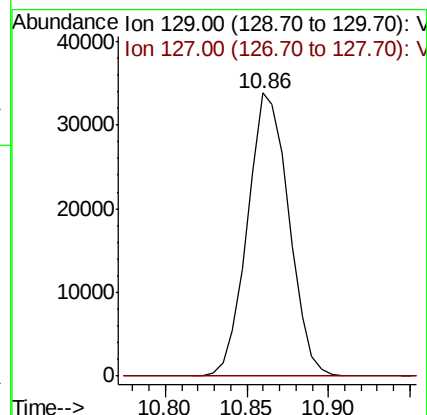
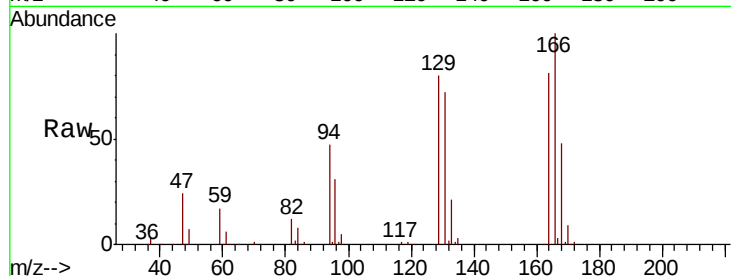
BFWQ7

Tot Ion:129 Resp: 59800

Ion Ratio Lower Upper

129 100

127 0.0 53.8 99.8#



#59

1,2,3-Trichloropropane

Concen: 5.040 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016336.D

Acq: 24 Aug 2020 17:29

Tgt Ion: 75 Resp: 15627

Ion Ratio Lower Upper

75 100

77 39.6 27.1 40.7

