

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111519\
 Data File : VW014041.D
 Acq On : 15 Nov 2019 15:20
 Operator : SY/VA
 Sample : K5811-04
 Misc : 2.89G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 16 04:08:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 16 04:05:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	333674	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	300371	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	129535	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	108891	20.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.80%
7) Chloroethane-d5	2.89	69	97512	22.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.36%
10) 1,1-Dichloroethene-d2	4.02	63	172388	15.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.12%
20) 2-Butanone-d5	7.07	46	97508	63.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.10%
24) Chloroform-d	7.65	84	248330	24.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	8.30	65	141286	27.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.56%
29) Benzene-d6	8.27	84	523087	24.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.16%
33) 1,2-Dichloropropane-d6	9.27	67	160019	25.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.52%
37) Toluene-d8	10.32	98	449992	22.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.08%
38) trans-1,3-Dichloropropene-	10.58	79	66119	24.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.92%
39) 2-Hexanone-d5	10.92	63	74146	62.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126546	26.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	112320	21.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.32%

Target Compounds

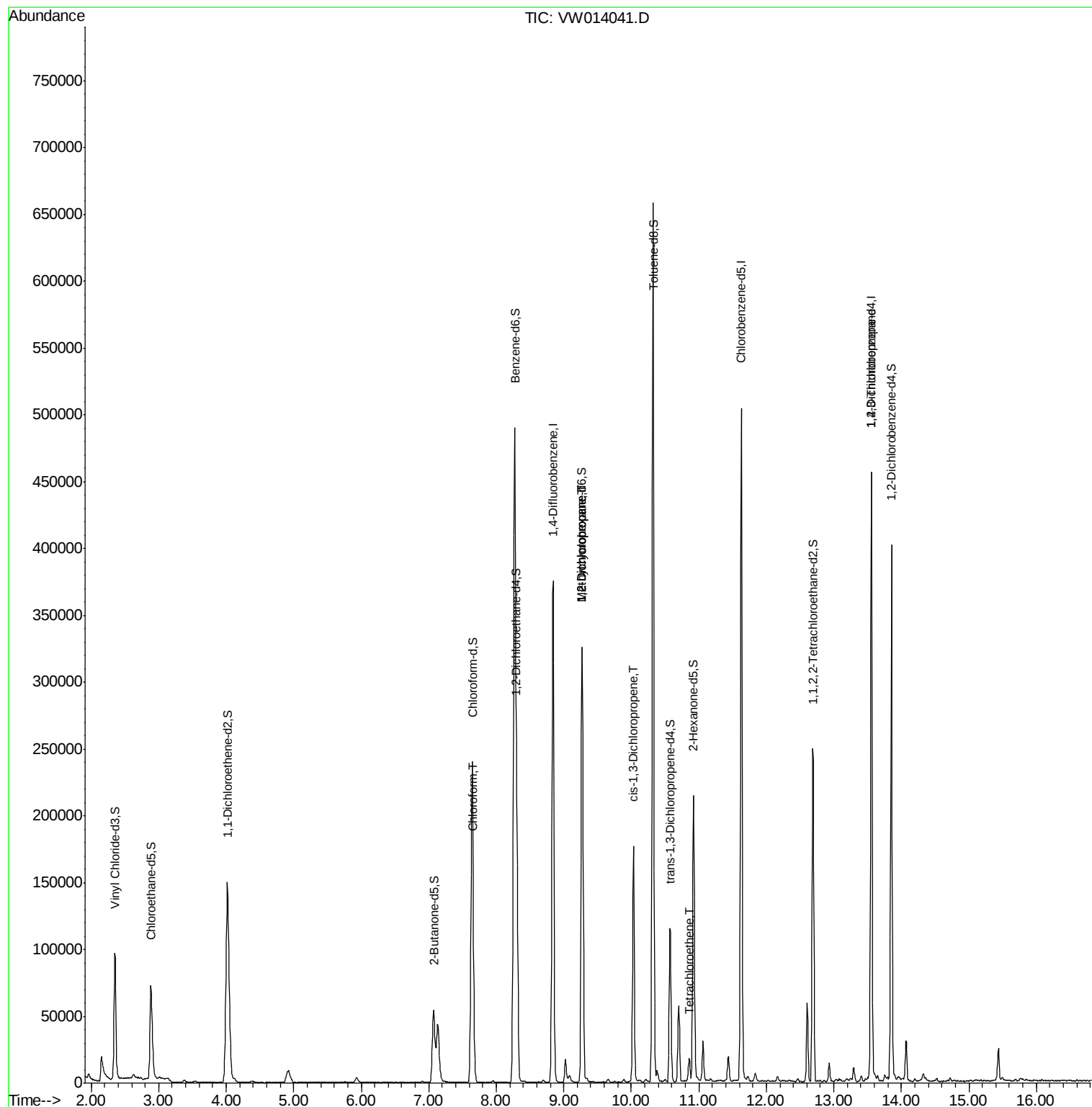
					Ovalue
25) Chloroform	7.66	83	3231	0.333 ug/L #	47
36) Methylcyclohexane	9.27	83	39189	3.719 ug/L #	20
40) 1,2-Dichloropropane	9.27	63	16450	3.102 ug/L #	87
42) cis-1,3-Dichloropropene	10.03	75	3839	0.459 ug/L #	55
47) Tetrachloroethene	10.86	164	4129	0.788 ug/L	92
59) 1,2,3-Trichloropropane	13.55	75	13703	4.005 ug/L	92

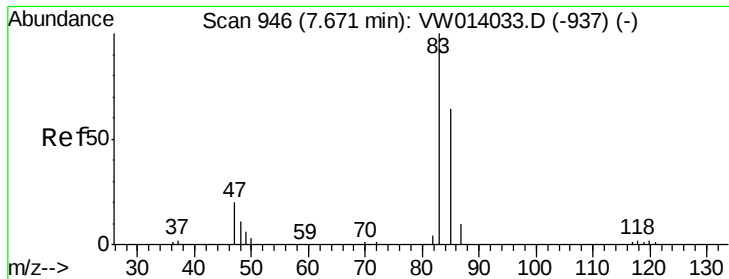
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 16 04:05:25 2019
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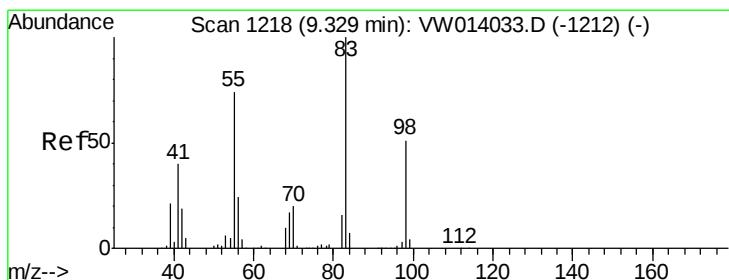
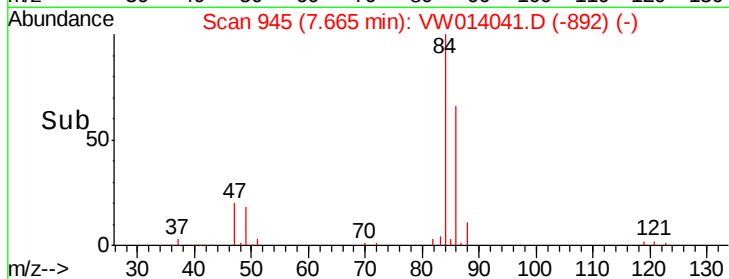
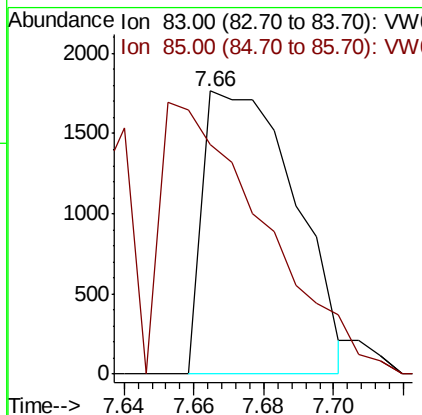
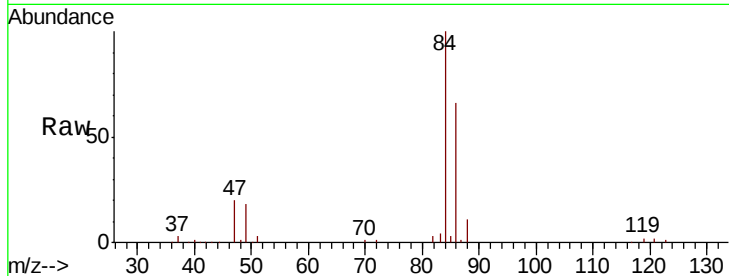




#25
Chloroform
Concen: 0.333 ug/L
RT: 7.66 min Scan# 945
Delta R.T. -0.01 min
Lab File: VW014041.D
Acq: 15 Nov 2019 15:20

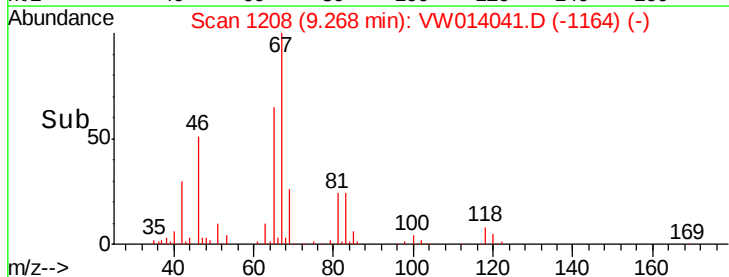
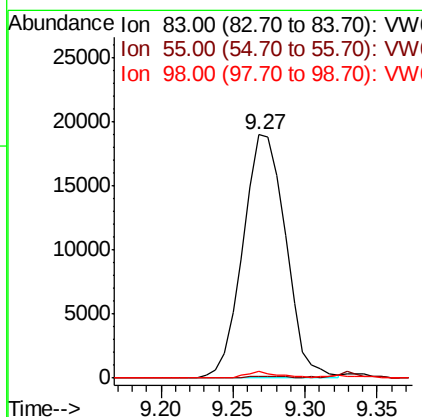
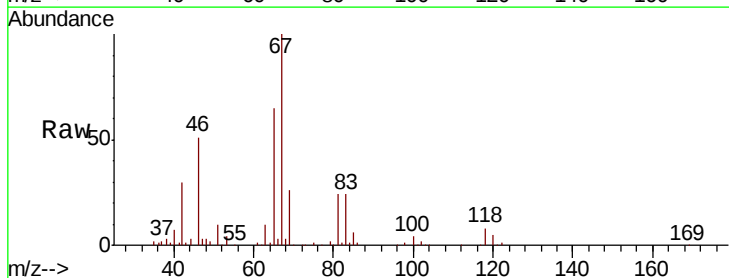
Instrument :
MSVOA_W
ClientSampled :

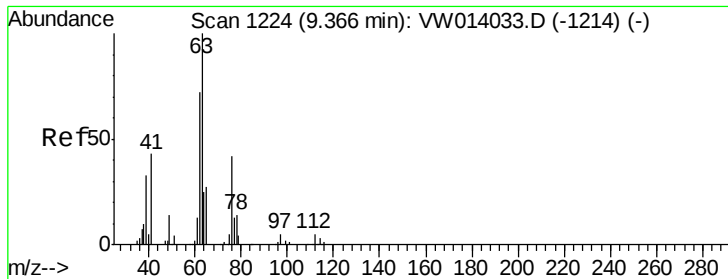
Tot Ion: 83 Resp: 3231
Ion Ratio Lower Upper
83 100
85 108.3 46.1 85.7#



#36
Methylcyclohexane
Concen: 3.719 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.06 min
Lab File: VW014041.D
Acq: 15 Nov 2019 15:20

Tgt Ion: 83 Resp: 39189
Ion Ratio Lower Upper
83 100
55 0.4 59.8 89.8#
98 2.1 39.5 59.3#

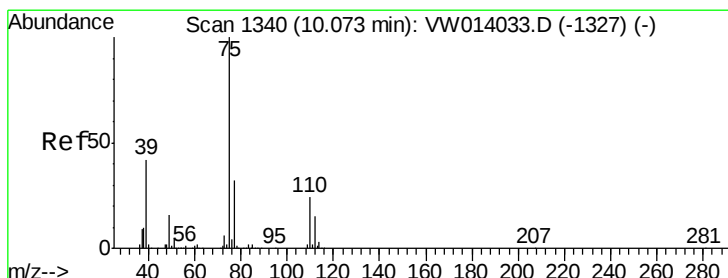
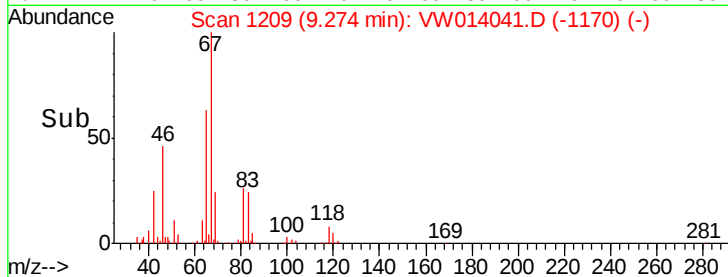
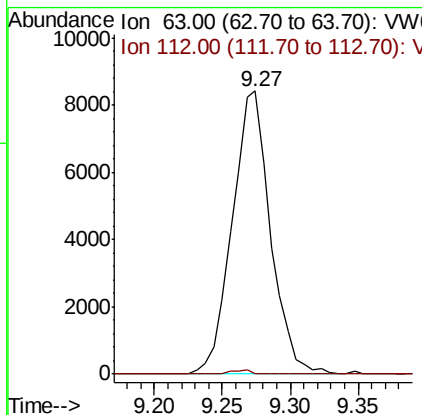
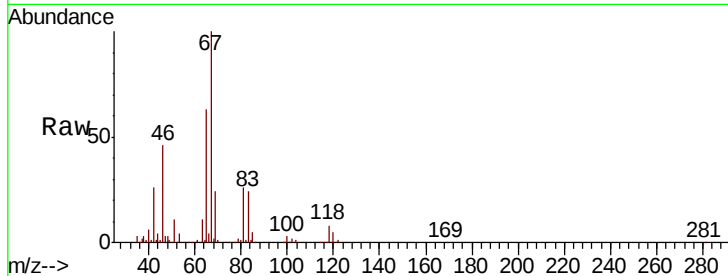




#40
 1,2-Dichloropropane
 Concen: 3.102 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW014041.D
 Acq: 15 Nov 2019 15:20

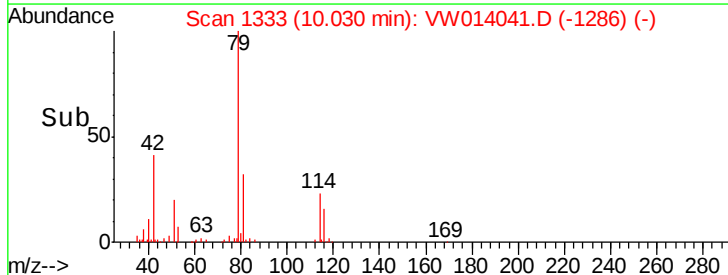
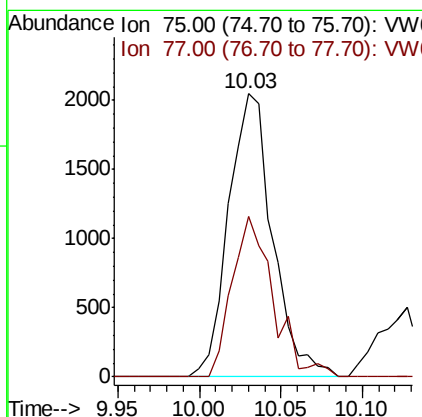
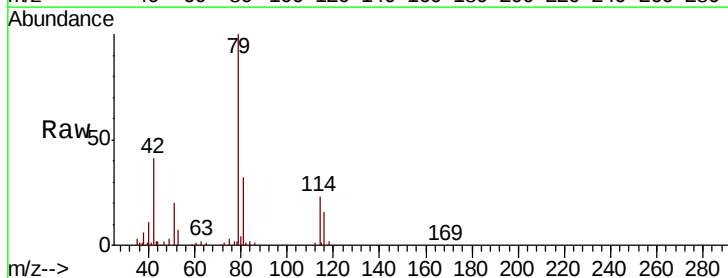
Instrument :
 MSVOA_W
 ClientSampleId :

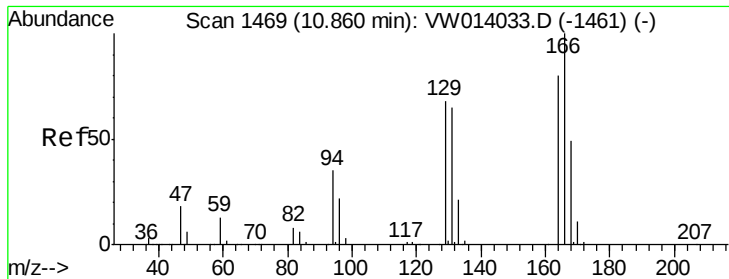
Tot Ion: 63 Resp: 16450
 Ion Ratio Lower Upper
 63 100
 112 0.7 3.9 5.9#



#42
 cis-1,3-Dichloropropene
 Concen: 0.459 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW014041.D
 Acq: 15 Nov 2019 15:20

Tgt Ion: 75 Resp: 3839
 Ion Ratio Lower Upper
 75 100
 77 56.6 22.1 41.1#

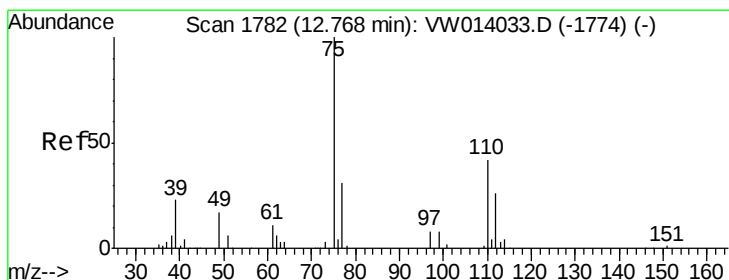
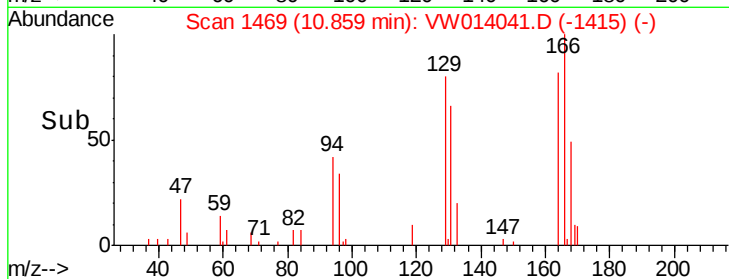
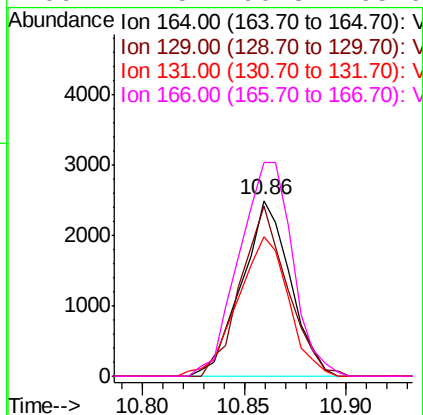
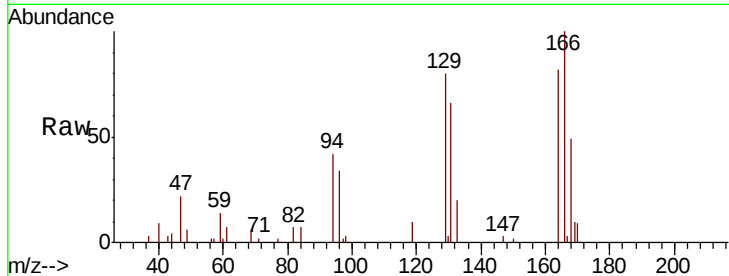




#47
Tetrachloroethene
Concen: 0.788 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014041.D
Acq: 15 Nov 2019 15:20

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:164 Resp: 4129
Ion Ratio Lower Upper
164 100
129 97.2 60.6 112.6
131 79.7 59.1 109.7
166 121.5 90.8 168.6



#59
1,2,3-Trichloropropane
Concen: 4.005 ug/L
RT: 13.55 min Scan# 1911
Delta R.T. 0.79 min
Lab File: VW014041.D
Acq: 15 Nov 2019 15:20

Tgt Ion: 75 Resp: 13703
Ion Ratio Lower Upper
75 100
77 37.1 25.9 38.9

