

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081920\
 Data File : VW016254.D
 Acq On : 19 Aug 2020 12:51
 Operator : SY/VA
 Sample : L3709-11RE
 Misc : 6.63G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 20 01:42:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 20 01:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	387212	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	337477	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	116535	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	81068	16.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.56%
7) Chloroethane-d5	2.89	69	66359	18.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.84%
10) 1,1-Dichloroethene-d2	4.01	63	140520	13.78	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.12%
20) 2-Butanone-d5	7.09	46	47095	37.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.56%
24) Chloroform-d	7.65	84	214124	20.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.44%
26) 1,2-Dichloroethane-d4	8.31	65	107692	19.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.04%
29) Benzene-d6	8.27	84	411980	22.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.76%
33) 1,2-Dichloropropane-d6	9.27	67	122065	22.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.44%
37) Toluene-d8	10.33	98	358741	21.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.24%
38) trans-1,3-Dichloropropene-	10.58	79	49681	20.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.92%
39) 2-Hexanone-d5	10.93	63	42663	45.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96585	21.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	99921	24.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.76%

Target Compounds

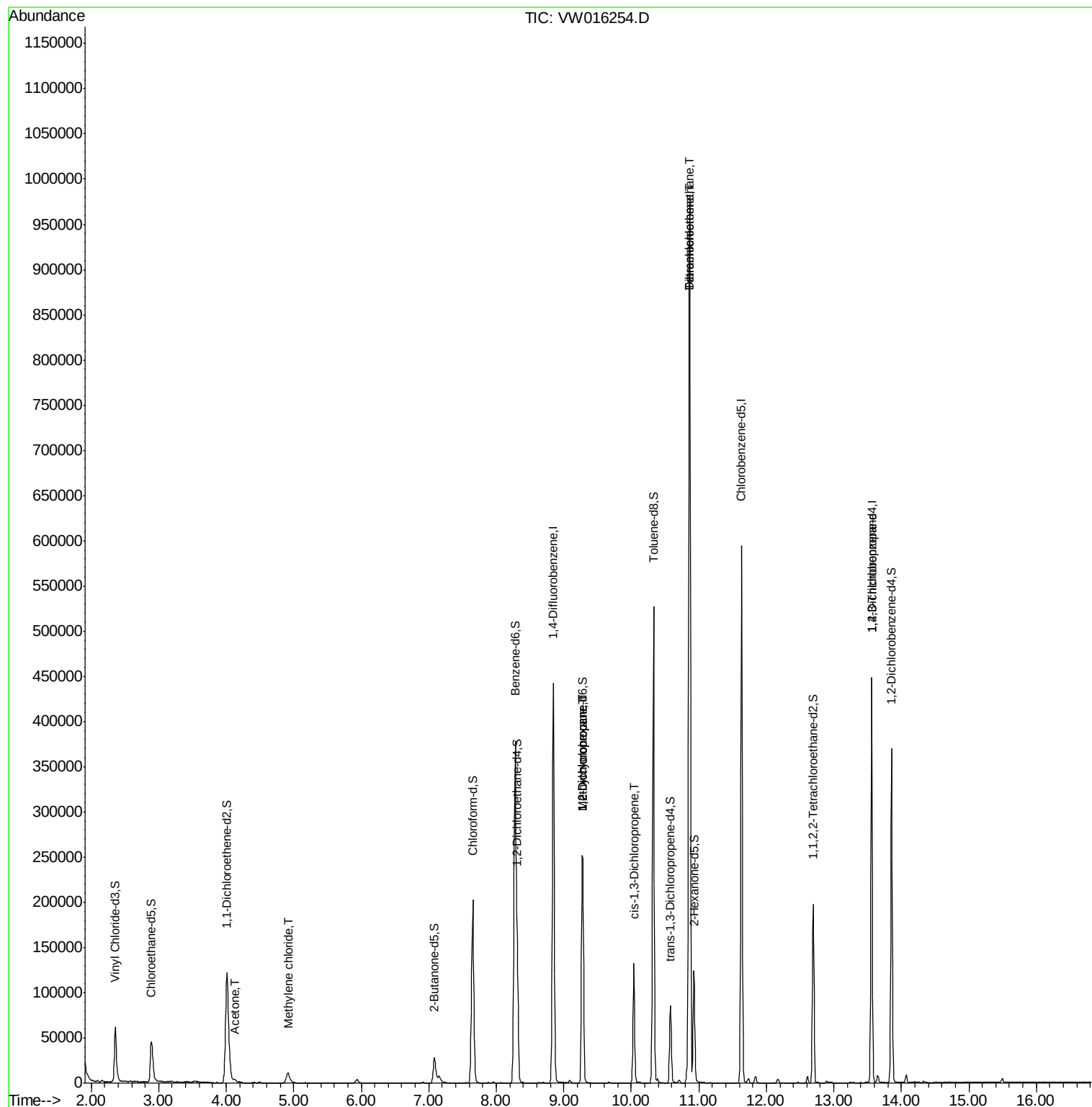
					Ovalue
13) Acetone	4.13	43	5609	5.869	ug/L 89
16) Methylene chloride	4.91	84	10648	1.742	ug/L 90
36) Methylcyclohexane	9.28	83	31294	3.630	ug/L # 19
40) 1,2-Dichloropropane	9.27	63	13269	2.776	ug/L # 88
42) cis-1,3-Dichloropropene	10.04	75	3317	0.456	ug/L 83
47) Tetrachloroethene	10.87	164	222392	56.689	ug/L 95
50) Dibromochloromethane	10.87	129	225445	50.882	ug/L # 10
59) 1,2,3-Trichloropropane	13.56	75	13761	4.138	ug/L 92

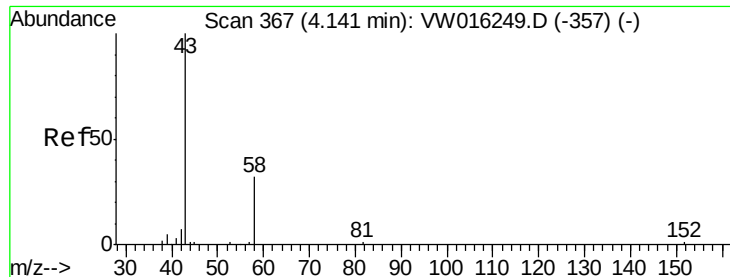
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.869 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW016254.D

Acq: 19 Aug 2020 12:51

Instrument :

MSVOA_W

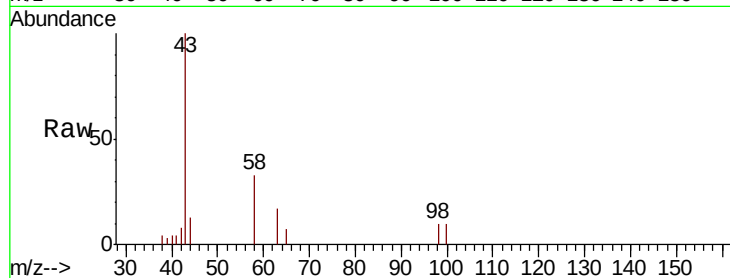
ClientSampleId :

Tot Ion: 43 Resp: 5609

Ion Ratio Lower Upper

43 100

58 23.5 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

2500

2000

1500

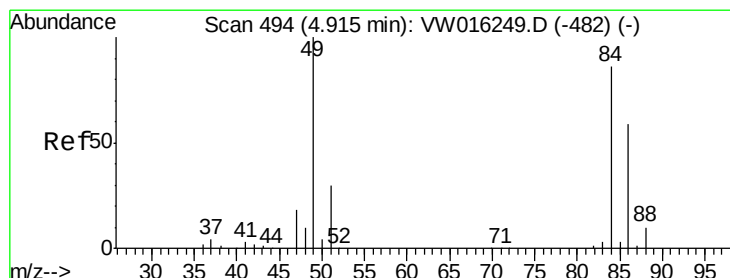
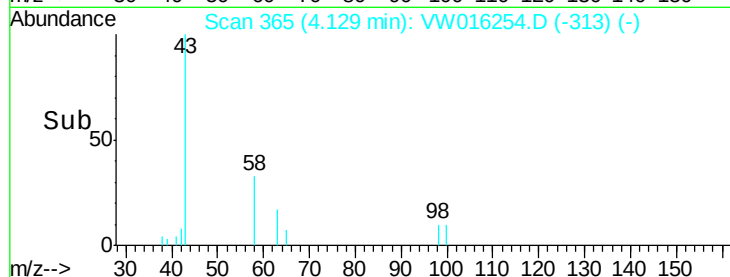
1000

500

0

Time-->

4.05 4.10 4.15 4.20 4.25



#16

Methylene chloride

Concen: 1.742 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW016254.D

Acq: 19 Aug 2020 12:51

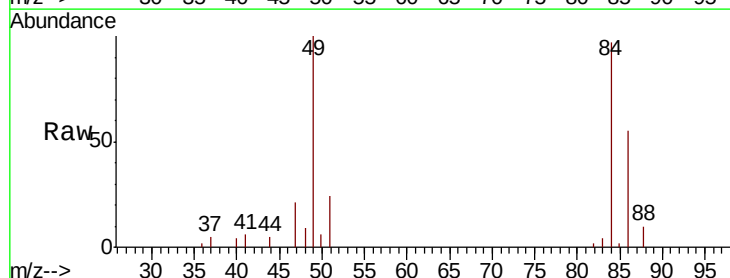
Tgt Ion: 84 Resp: 10648

Ion Ratio Lower Upper

84 100

49 102.6 80.4 149.4

86 56.0 43.8 81.3



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

4.91

4000

3000

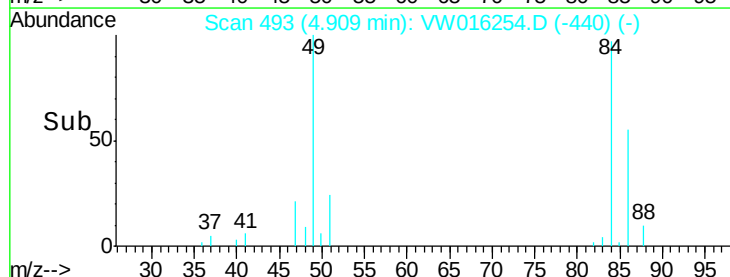
2000

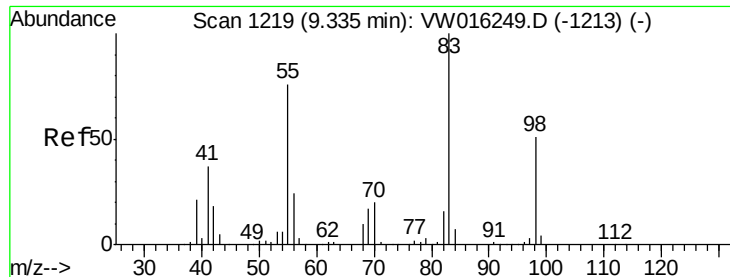
1000

0

Time-->

4.80 4.90 5.00

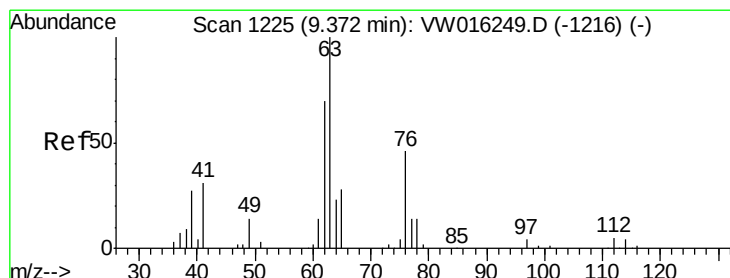
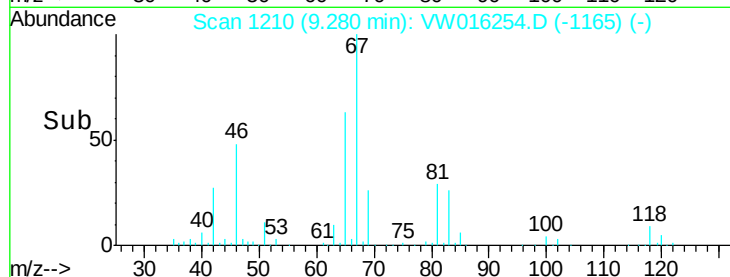
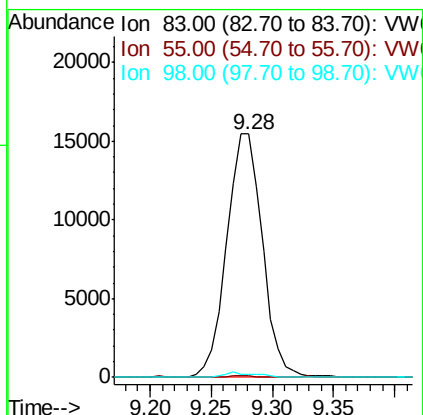
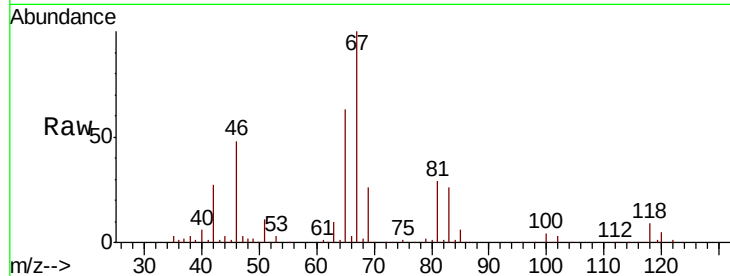




#36
Methylvlcyclohexane
Concen: 3.630 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW016254.D
Acq: 19 Aug 2020 12:51

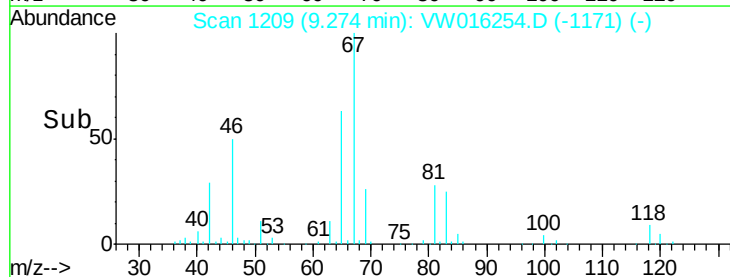
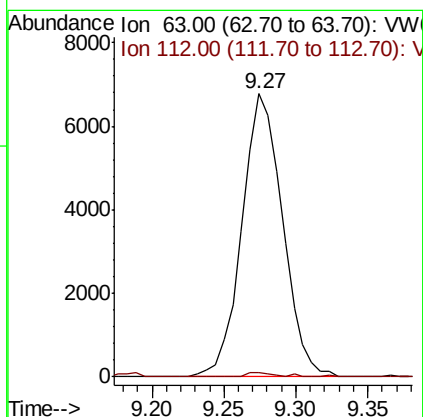
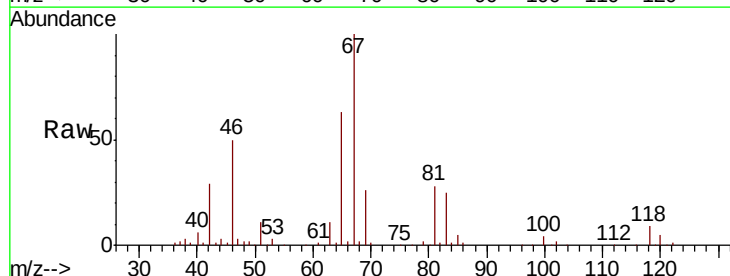
Instrument :
MSVOA_W
ClientSampled :

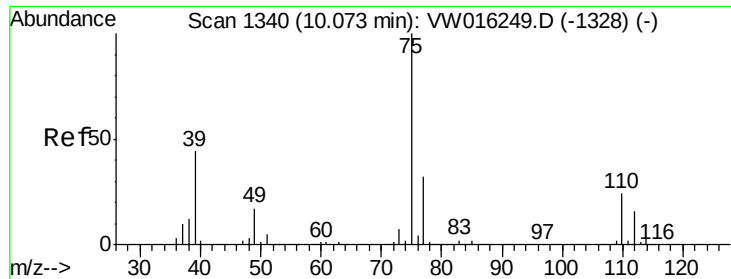
Tot Ion: 83 Resp: 31294
Ion Ratio Lower Upper
83 100
55 0.3 60.7 91.1#
98 1.1 39.4 59.0#



#40
1,2-Dichloropropane
Concen: 2.776 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW016254.D
Acq: 19 Aug 2020 12:51

Tgt Ion: 63 Resp: 13269
Ion Ratio Lower Upper
63 100
112 0.9 4.0 6.0#

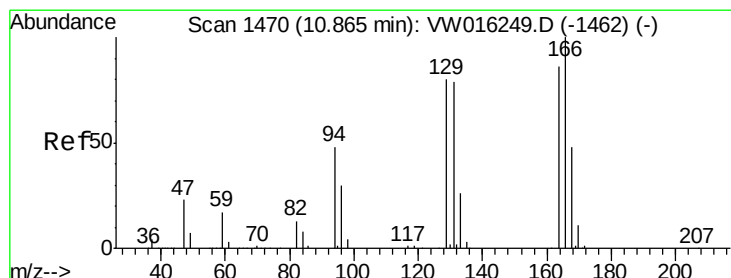
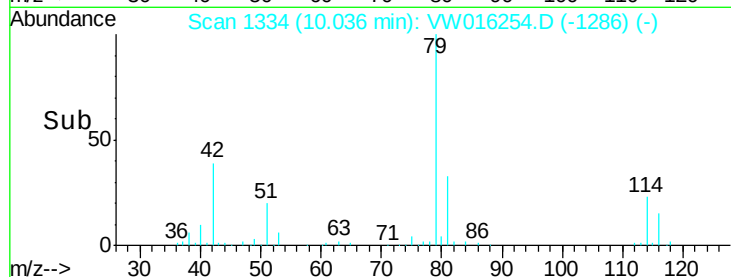
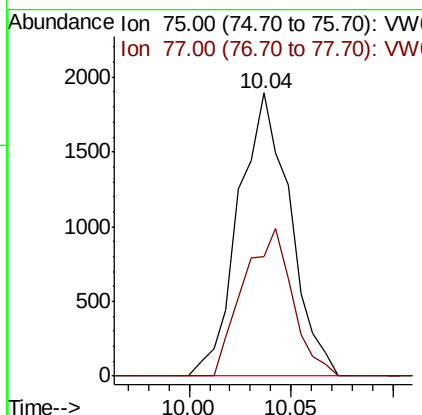
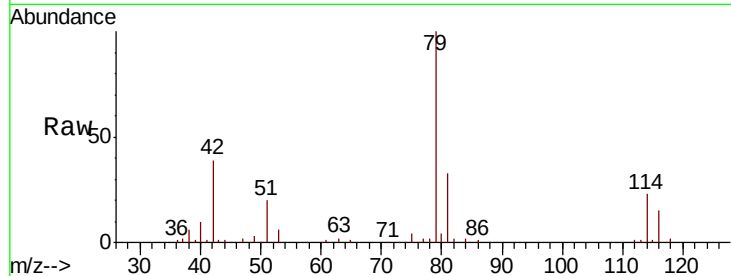




#42
 cis-1,3-Dichloropropene
 Concen: 0.456 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016254.D
 Acq: 19 Aug 2020 12:51

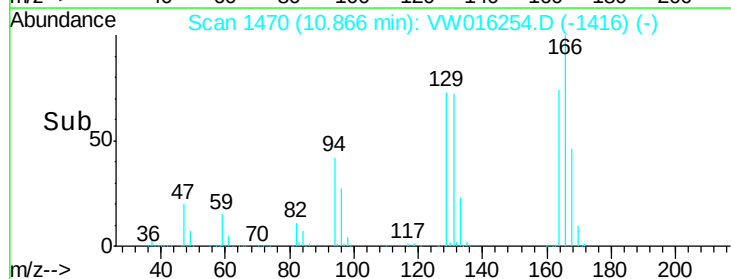
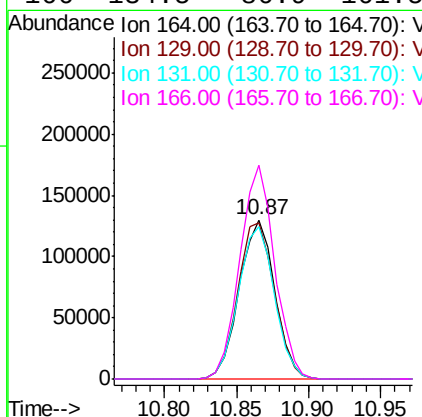
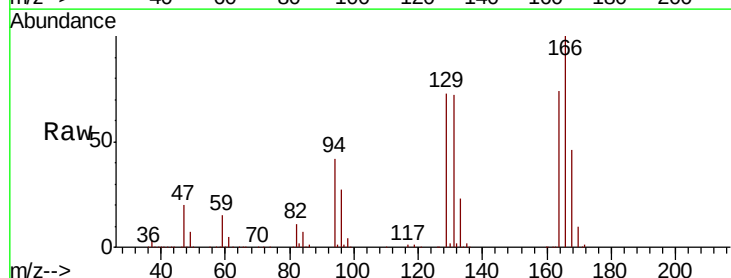
Instrument :
 MSVOA_W
 ClientSampled :

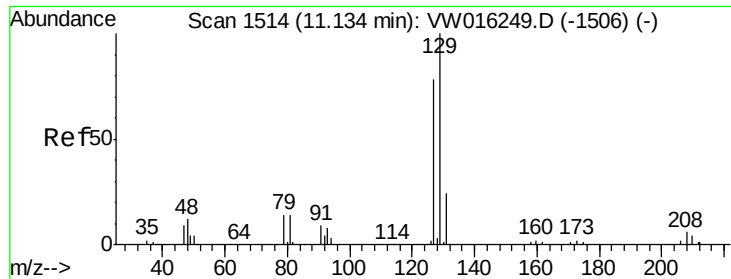
Tot Ion: 75 Resp: 3317
 Ion Ratio Lower Upper
 75 100
 77 42.0 22.9 42.5



#47
 Tetrachloroethene
 Concen: 56.689 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VW016254.D
 Acq: 19 Aug 2020 12:51

Tgt Ion:164 Resp: 222392
 Ion Ratio Lower Upper
 164 100
 129 98.8 71.5 132.9
 131 96.3 65.4 121.4
 166 134.5 86.9 161.5

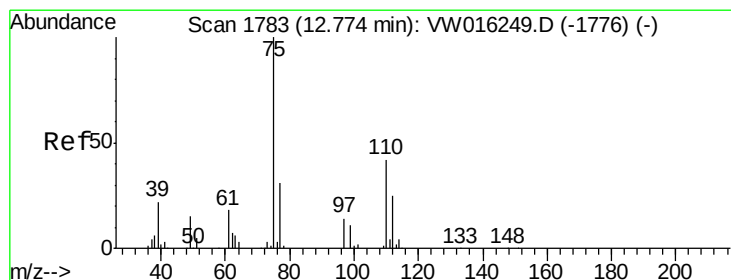
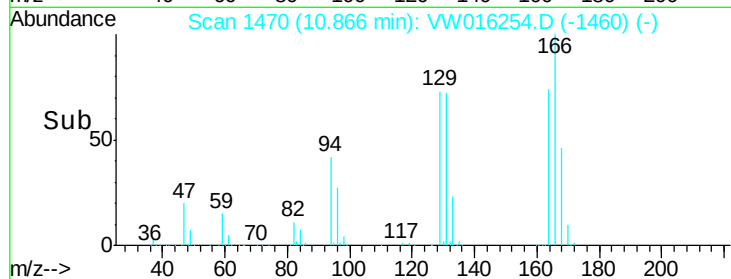
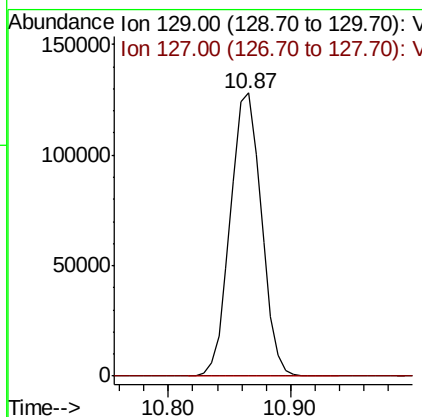
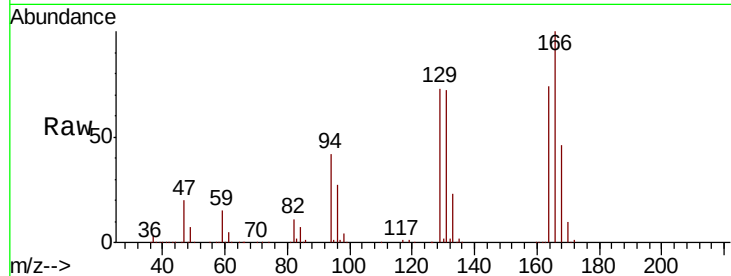




#50
 Dibromochloromethane
 Concen: 50.882 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.27 min
 Lab File: VW016254.D
 Acq: 19 Aug 2020 12:51

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:129 Resp: 225445
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.4 102.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.138 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW016254.D
 Acq: 19 Aug 2020 12:51

Tgt Ion: 75 Resp: 13761
 Ion Ratio Lower Upper
 75 100
 77 37.1 25.9 38.9

