

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112520\
 Data File : VW017498.D
 Acq On : 25 Nov 2020 13:06
 Operator : SY/VA
 Sample : L4861-02RE
 Misc : 5.07G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 26 07:24:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 26 07:23:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	521299	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	423319	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	154366	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	124359	18.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.56%
7) Chloroethane-d5	2.89	69	108620	18.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.08%
10) 1,1-Dichloroethene-d2	4.03	63	217430	14.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.96%
20) 2-Butanone-d5	7.08	46	57777	39.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.90%
24) Chloroform-d	7.65	84	311114	21.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.04%
26) 1,2-Dichloroethane-d4	8.31	65	164640	22.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.64%
29) Benzene-d6	8.27	84	590349	22.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.72%
33) 1,2-Dichloropropane-d6	9.28	67	175842	24.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.64%
37) Toluene-d8	10.32	98	513453	21.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.64%
38) trans-1,3-Dichloropropene-	10.58	79	66093	20.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.12%
39) 2-Hexanone-d5	10.93	63	38768	43.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114014	22.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	131370	22.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.96%

Target Compounds

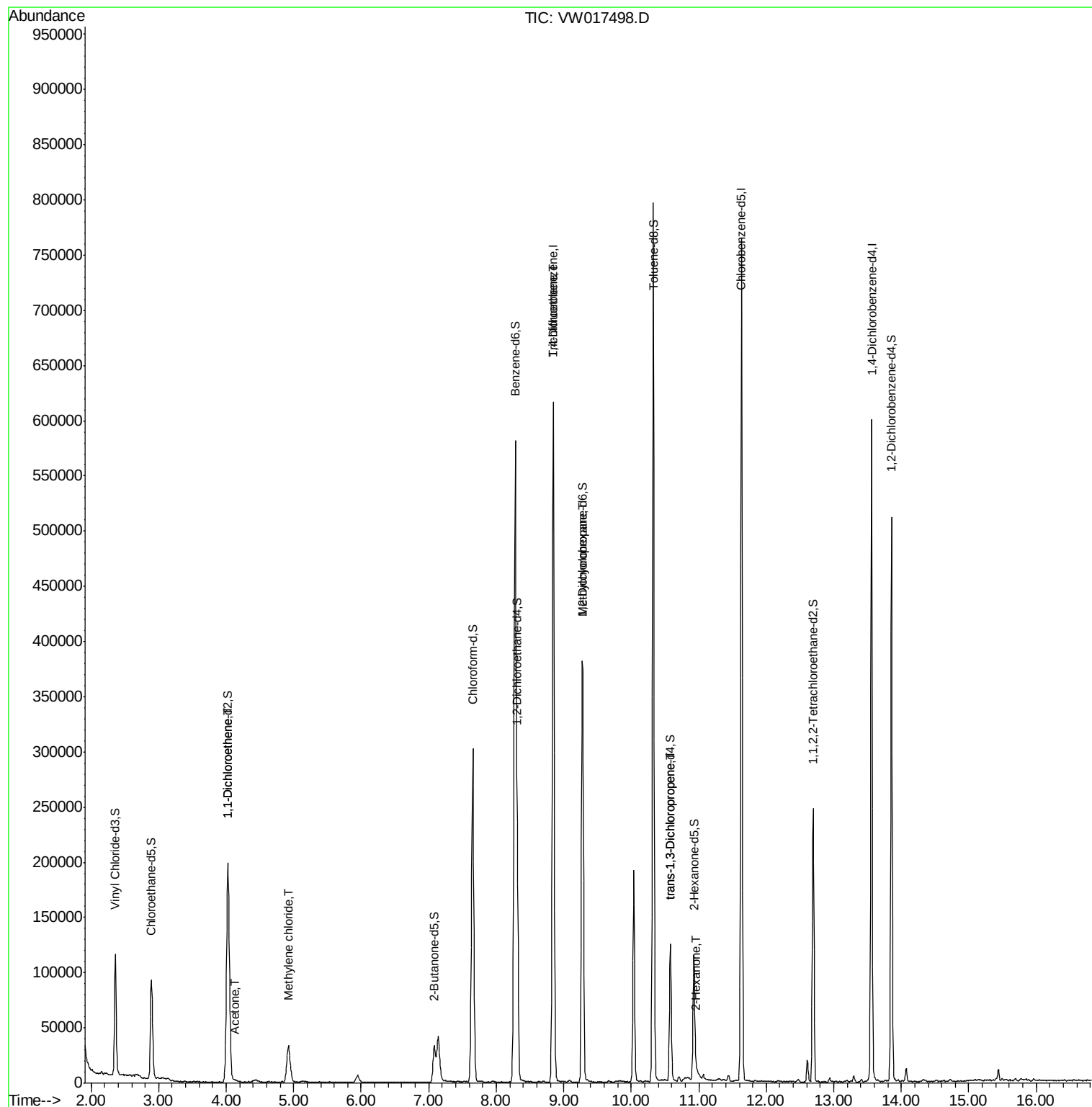
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.03	96	1948	0.269	ug/L #	1
13) Acetone	4.13	43	1231	0.885	ug/L	61
16) Methylene chloride	4.92	84	27855	3.559	ug/L	91
35) Trichloroethene	8.84	95	16092	2.281	ug/L #	3
36) Methylcyclohexane	9.27	83	44150	3.785	ug/L #	20
45) trans-1,3-Dichloropropene	10.58	75	3410	0.430	ug/L	91
49) 2-Hexanone	10.96	43	2449	1.260	ug/L #	54

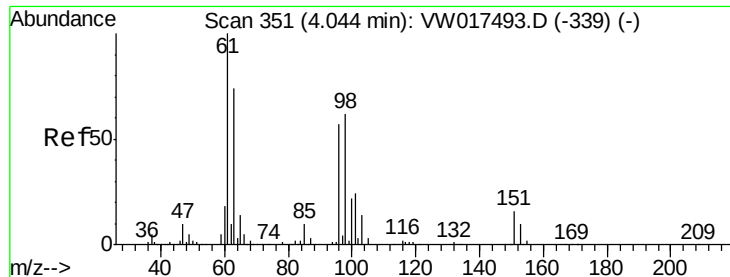
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Nov 26 07:23:09 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.269 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.02 min

Lab File: VW017498.D

Acq: 25 Nov 2020 13:06

Instrument :

MSVOA_W

ClientSampled :

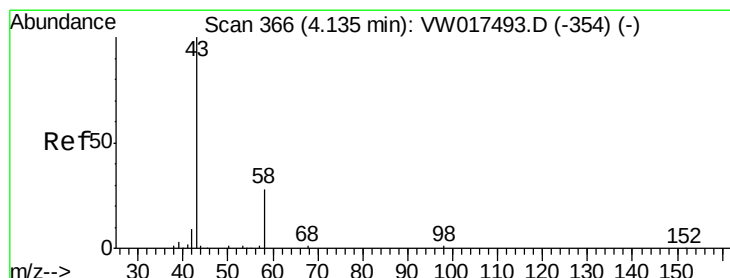
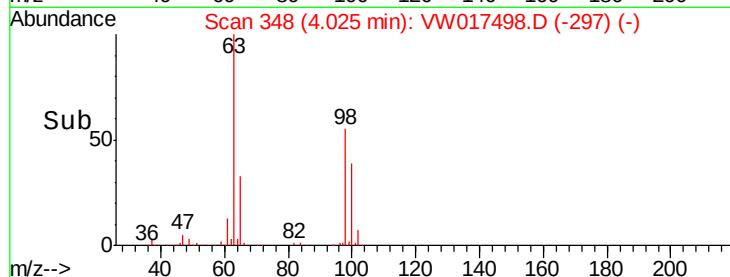
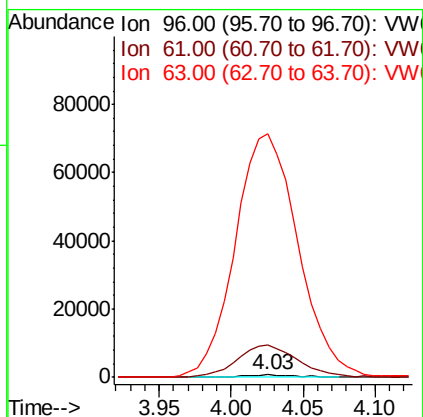
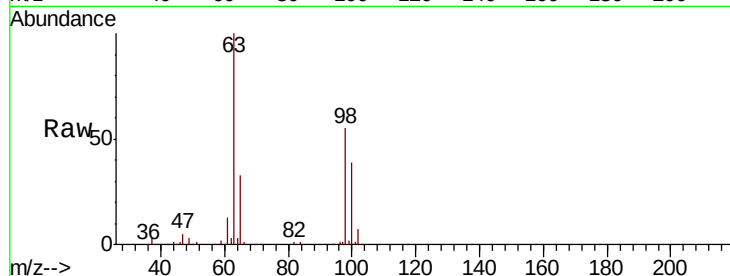
Tot Ion: 96 Resp: 1948

Ion Ratio Lower Upper

96 100

61 1383.0 112.5 208.9#

63 10287.0 83.1 154.3#



#13

Acetone

Concen: 0.885 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW017498.D

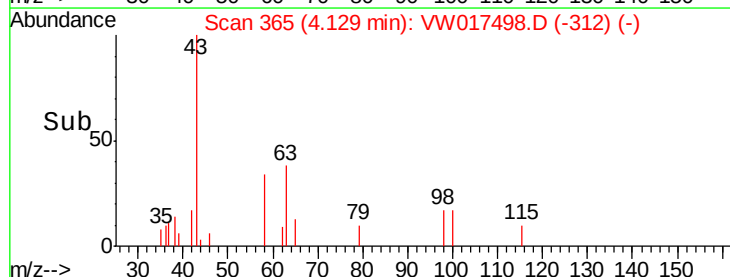
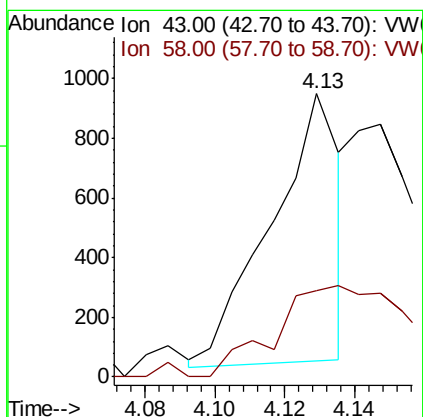
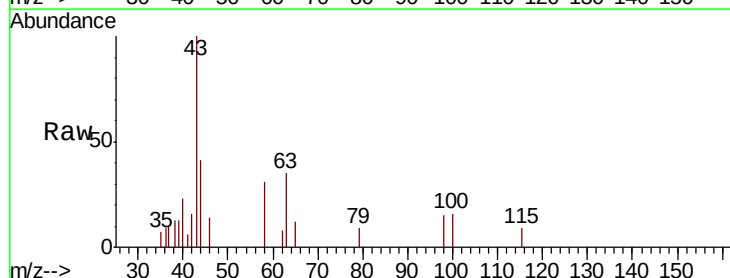
Acq: 25 Nov 2020 13:06

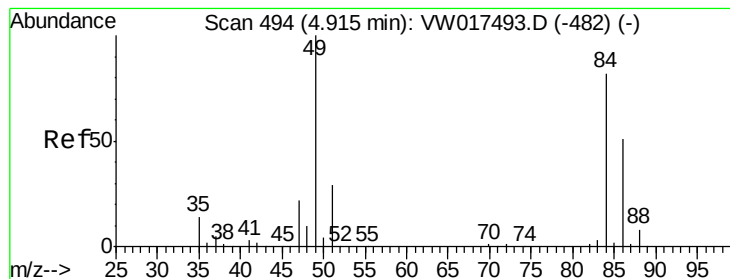
Tgt Ion: 43 Resp: 1231

Ion Ratio Lower Upper

43 100

58 56.6 0.0 68.4





#16

Methylene chloride

Concen: 3.559 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017498.D

Acq: 25 Nov 2020 13:06

Instrument :

MSVOA_W

ClientSampled :

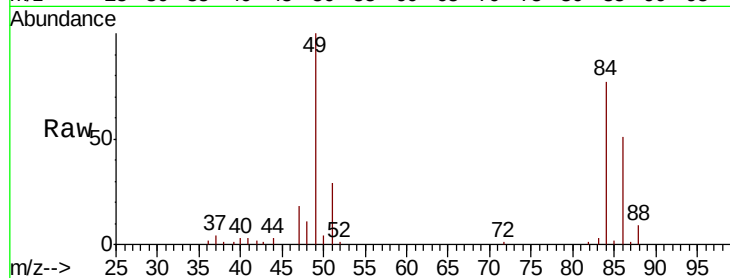
Tot Ion: 84 Resp: 27855

Ion Ratio Lower Upper

84 100

49 129.4 81.2 150.8

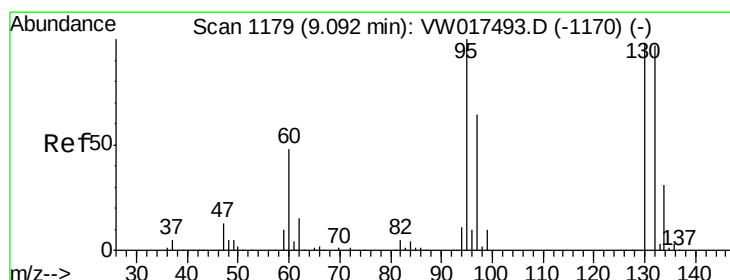
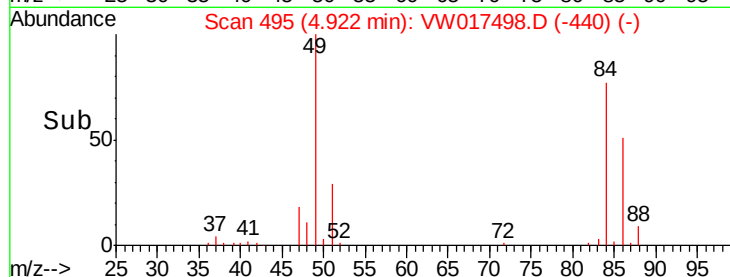
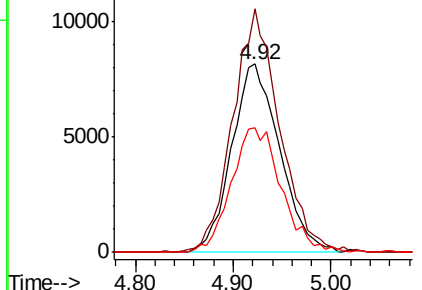
86 66.4 44.5 82.7



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



#35

Trichloroethene

Concen: 2.281 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017498.D

Acq: 25 Nov 2020 13:06

Tgt Ion: 95 Resp: 16092

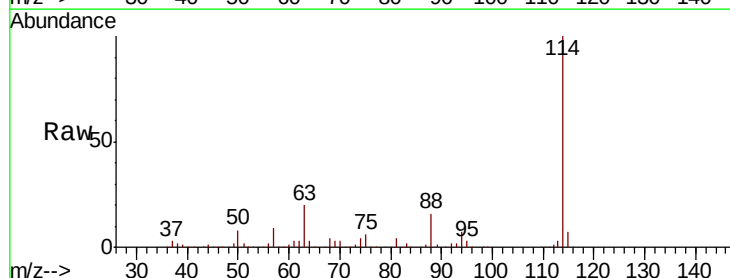
Ion Ratio Lower Upper

95 100

97 0.4 45.0 83.6#

132 0.0 71.0 131.8#

130 0.0 75.6 140.4#

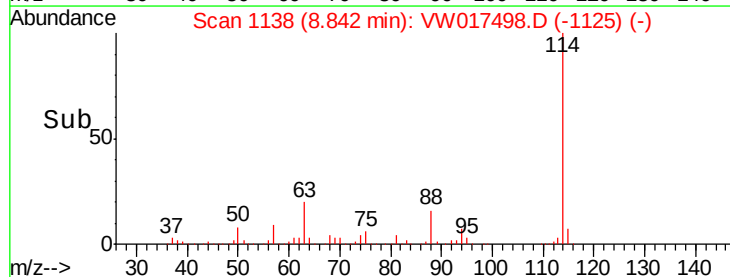
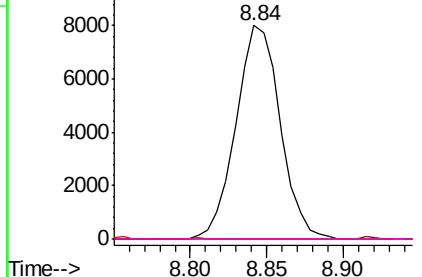


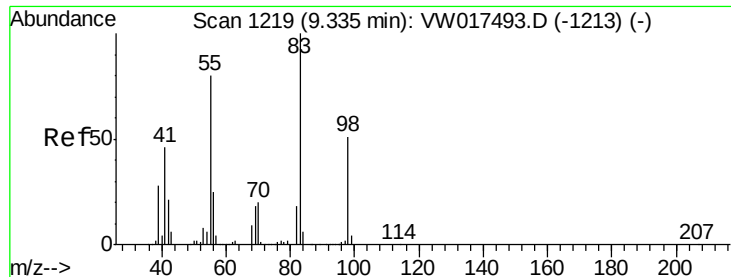
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

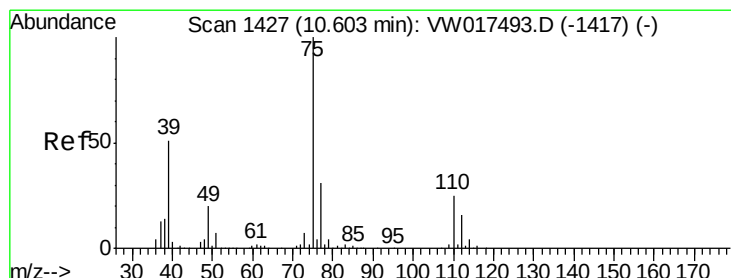
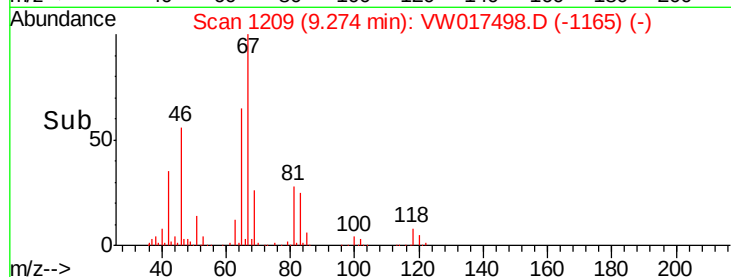
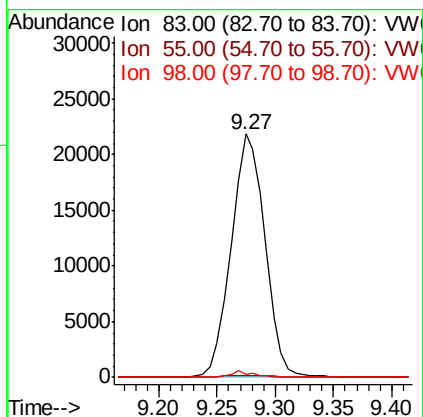
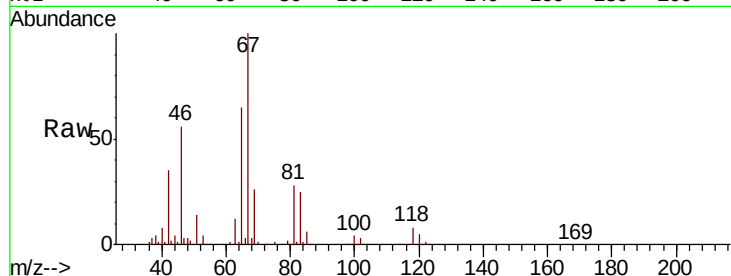




#36
Methylcyclohexane
Concen: 3.785 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW017498.D
Acq: 25 Nov 2020 13:06

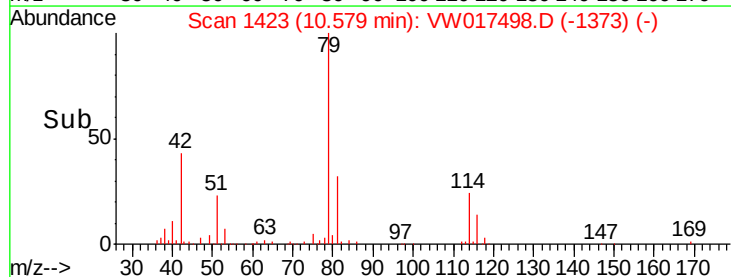
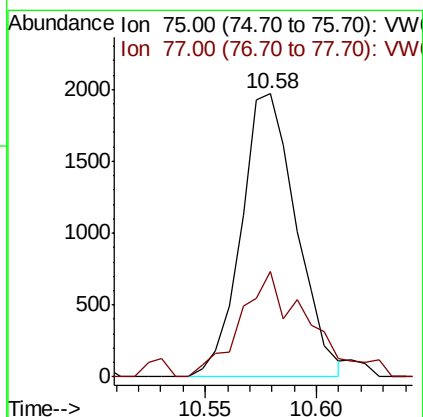
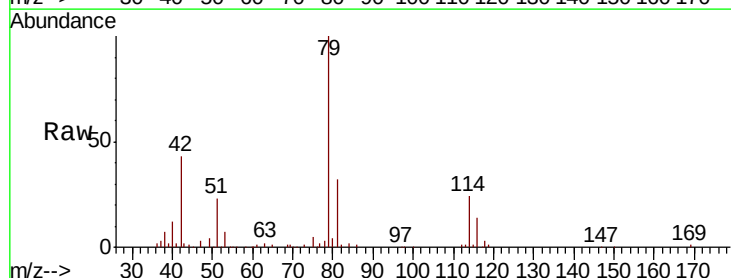
Instrument :
MSVOA_W
ClientSampled :

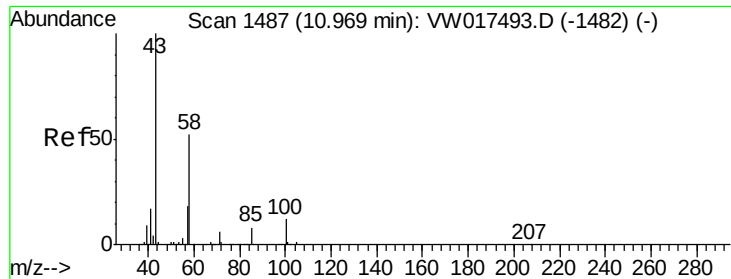
Tot Ion: 83 Resp: 44150
Ion Ratio Lower Upper
83 100
55 0.4 59.4 89.0#
98 1.6 40.7 61.1#



#45
trans-1,3-Dichloropropene
Concen: 0.430 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW017498.D
Acq: 25 Nov 2020 13:06

Tgt Ion: 75 Resp: 3410
Ion Ratio Lower Upper
75 100
77 37.5 22.6 42.0





#49

2-Hexanone

Concen: 1.260 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW017498.D

Acq: 25 Nov 2020 13:06

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 2449

Ion Ratio Lower Upper

43 100

58 17.1 51.3 76.9#

57 8.8 15.0 22.6#

100 9.1 12.2 18.2#

