

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
 Data File : VW017262.D
 Acq On : 16 Nov 2020 17:17
 Operator : SY/VA
 Sample : L4727-12RE
 Misc : 5.14G/10ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AC7RE

Quant Time: Nov 17 06:11:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 17 06:08:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	390338	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	292984	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	75561	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	94358	19.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.76%
7) Chloroethane-d5	2.89	69	83856	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.52%
10) 1,1-Dichloroethene-d2	4.02	63	135521	15.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.64%
20) 2-Butanone-d5	7.08	46	35442	32.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.48%
24) Chloroform-d	7.65	84	212428	23.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.24%
26) 1,2-Dichloroethane-d4	8.31	65	102623	22.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.60%
29) Benzene-d6	8.27	84	406946	27.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.12%
33) 1,2-Dichloropropane-d6	9.27	67	114715	27.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.20%
37) Toluene-d8	10.32	98	353893	25.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.64%
38) trans-1,3-Dichloropropene-	10.58	79	36600	19.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.68%
39) 2-Hexanone-d5	10.93	63	27037	37.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	77712	21.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	66225	24.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.52%

Target Compounds

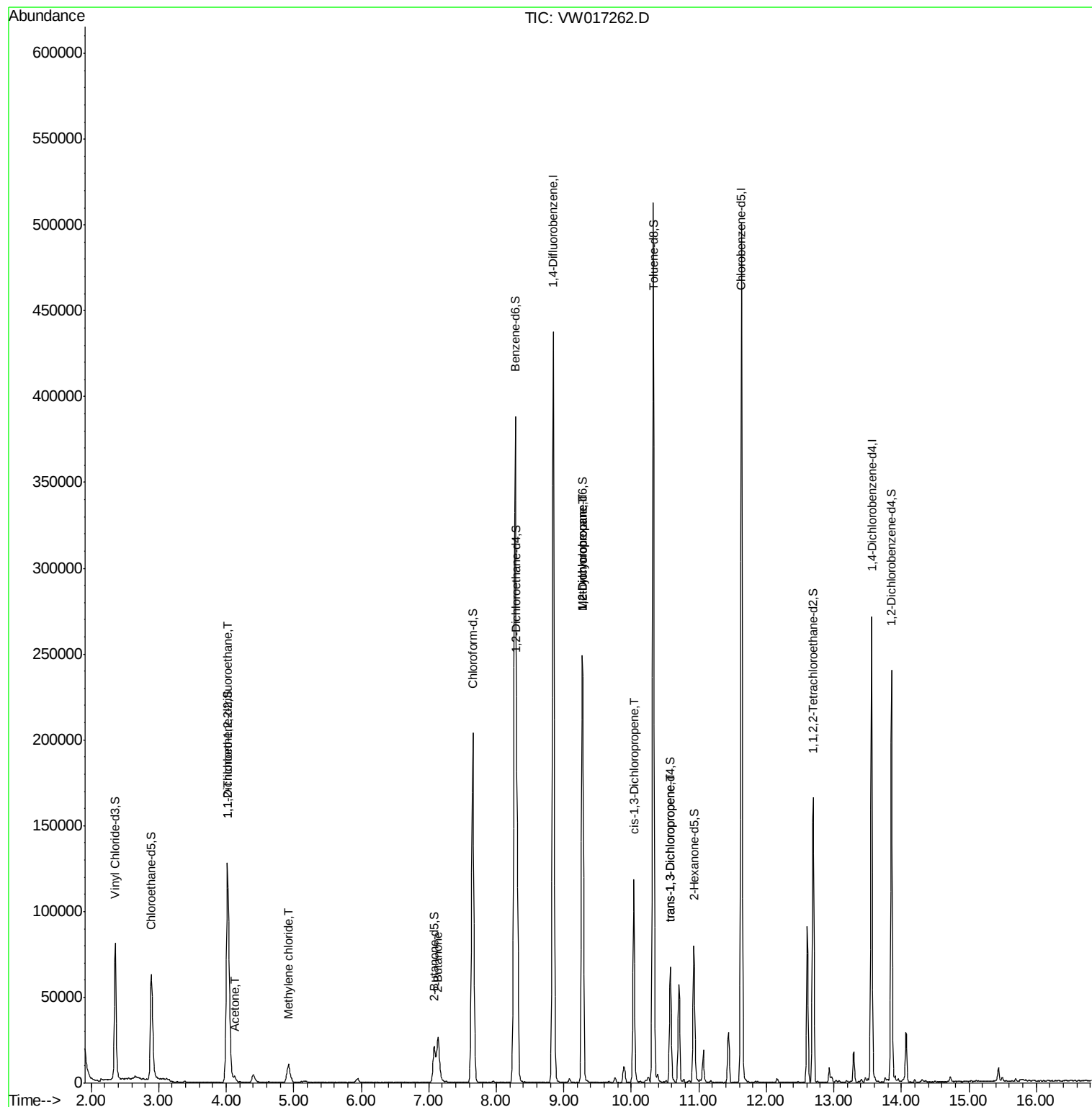
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	1441	0.286 ug/L #	17
13) Acetone	4.13	43	4510	6.126 ug/L	70
16) Methylene chloride	4.92	84	9509	1.807 ug/L	91
21) 2-Butanone	7.13	43	1389	1.175 ug/L #	42
36) Methylcyclohexane	9.27	83	30054	4.334 ug/L #	22
40) 1,2-Dichloropropane	9.27	63	13609	3.784 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3120	0.548 ug/L #	46
45) trans-1,3-Dichloropropene	10.58	75	1962	0.401 ug/L	97

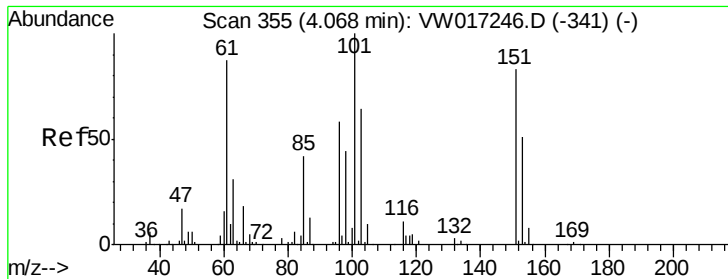
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 17 06:08:23 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.286 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.04 min

Lab File: VW017262.D

Acq: 16 Nov 2020 17:17

Instrument :

MSVOA_W

ClientSampleId :

C0AC7RE

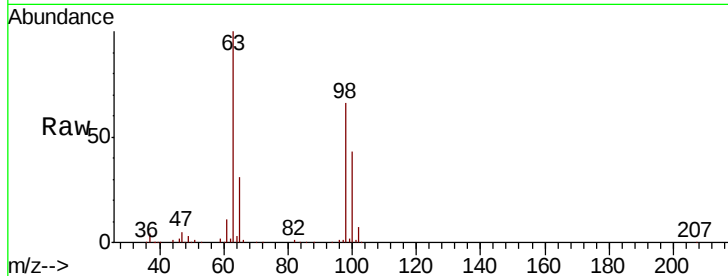
Tot Ion:101 Resp: 1441

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

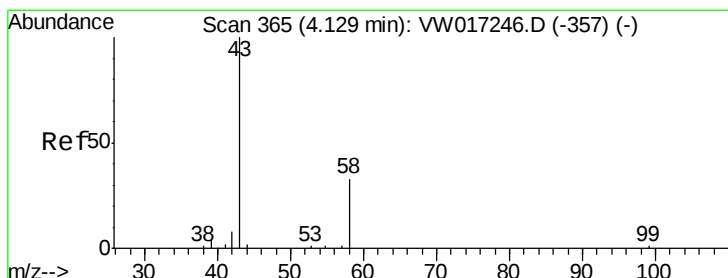
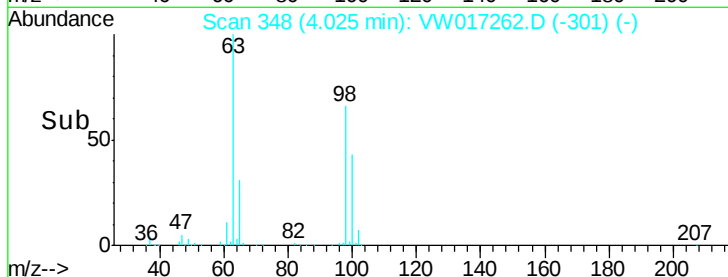
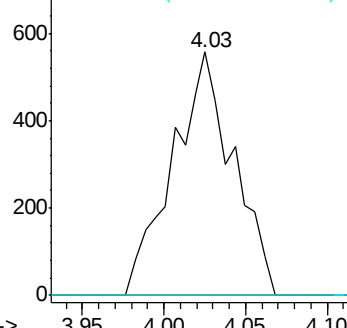
151 0.0 65.4 98.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 6.126 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017262.D

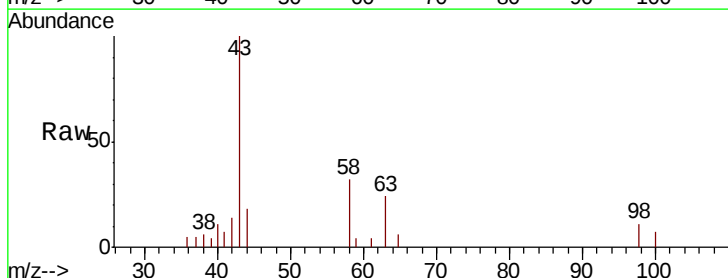
Acq: 16 Nov 2020 17:17

Tgt Ion: 43 Resp: 4510

Ion Ratio Lower Upper

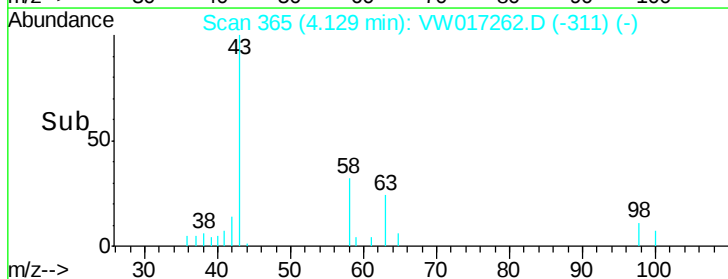
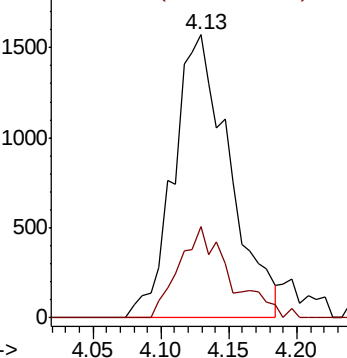
43 100

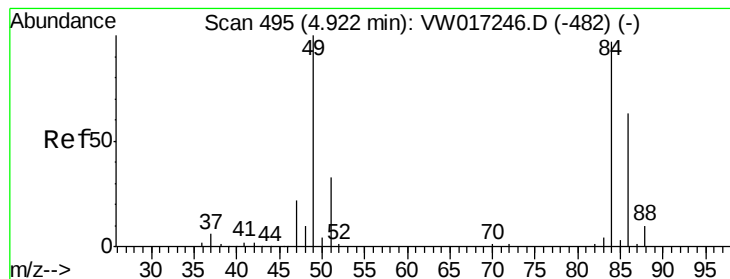
58 17.1 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#16

Methylene chloride

Concen: 1.807 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW017262.D

Acq: 16 Nov 2020 17:17

Instrument :

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C0AC7RE

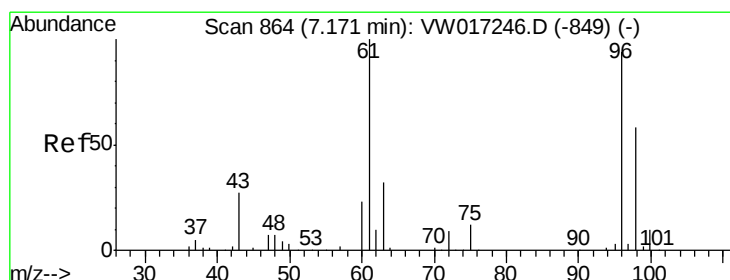
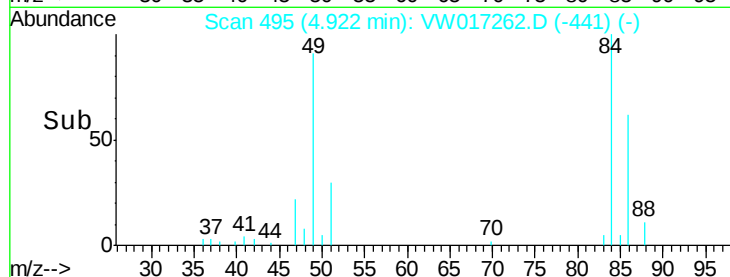
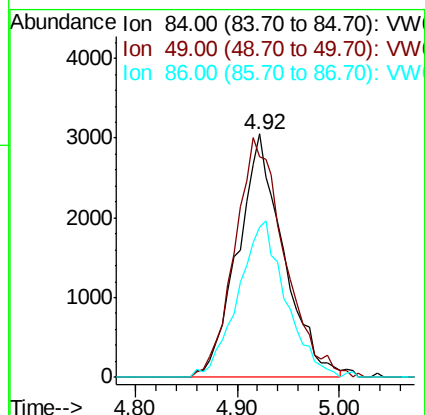
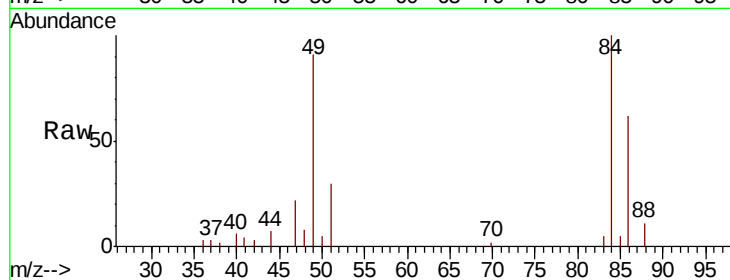
Tot Ion: 84 Resp: 9509

Ion Ratio Lower Upper

84 100

49 90.6 72.3 134.3

86 61.7 45.1 83.7



#21

2-Butanone

Concen: 1.175 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW017262.D

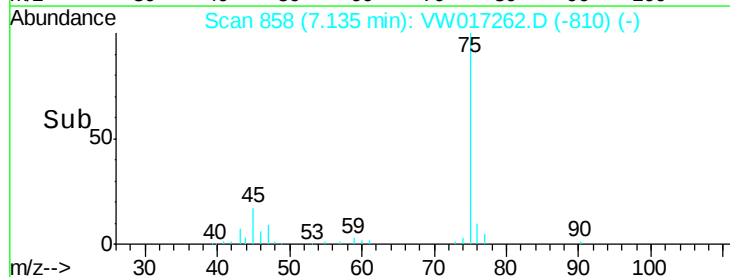
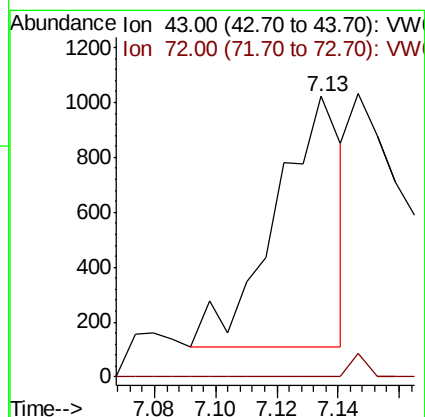
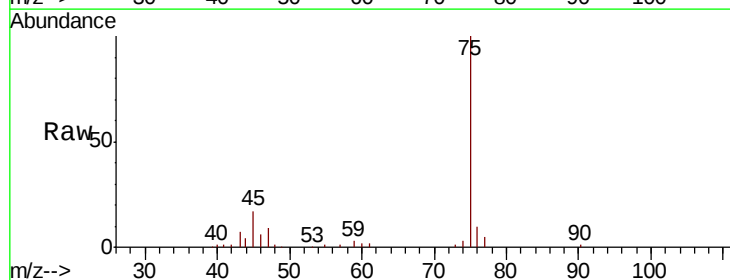
Acq: 16 Nov 2020 17:17

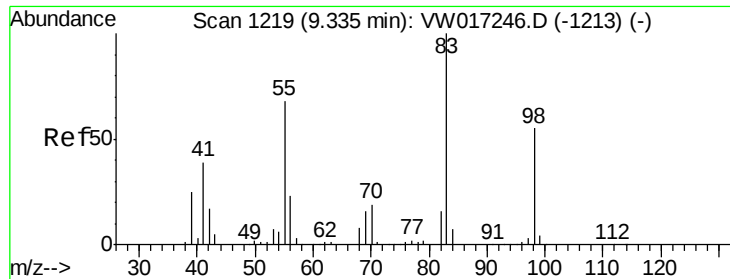
Tgt Ion: 43 Resp: 1389

Ion Ratio Lower Upper

43 100

72 0.0 16.1 48.3#

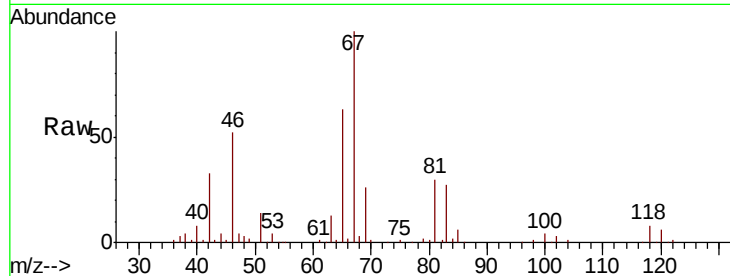




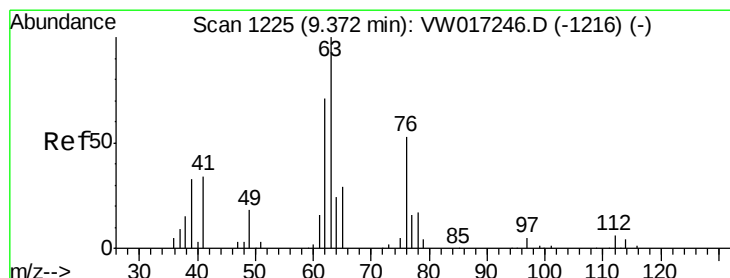
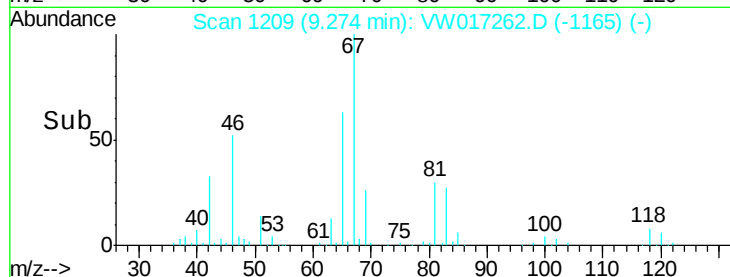
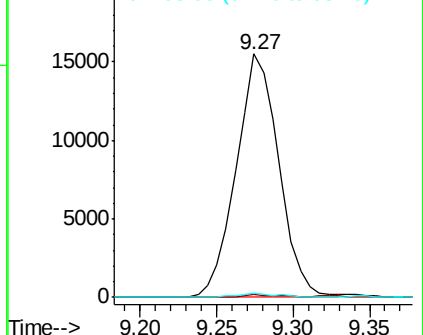
#36
Methvlcvclohexane
Concen: 4.334 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW017262.D
Acq: 16 Nov 2020 17:17

Instrument :
MSVOA_W
ClientSampleId :
C0AC7RE

Tot Ion: 83 Resp: 30054
Ion Ratio Lower Upper
83 100
55 0.8 54.4 81.6#
98 1.7 40.5 60.7#

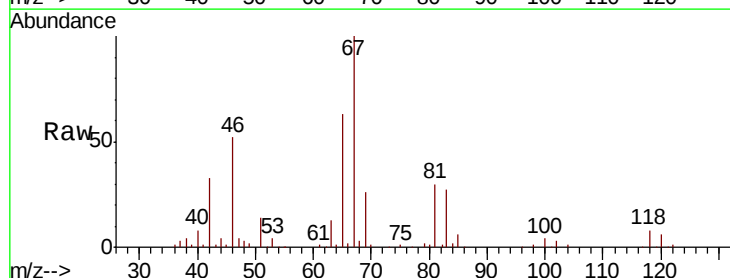


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

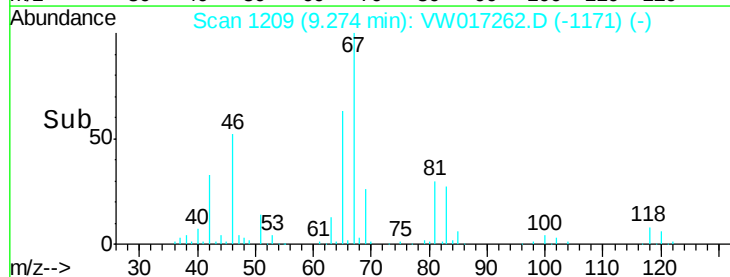
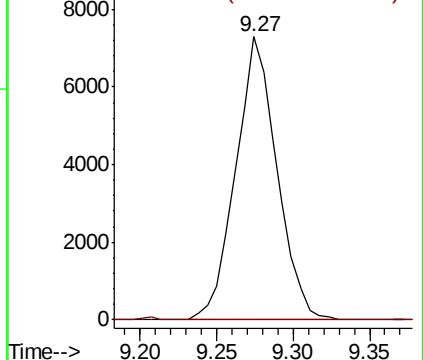


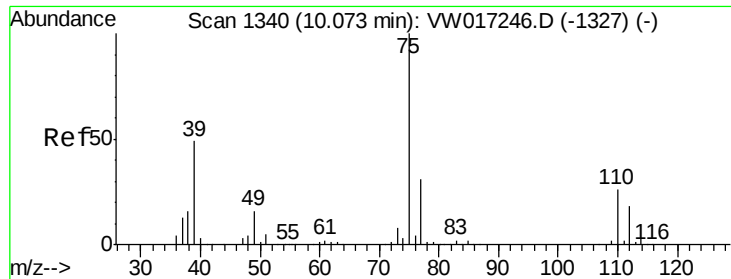
#40
1,2-Dichloropropane
Concen: 3.784 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW017262.D
Acq: 16 Nov 2020 17:17

Tgt Ion: 63 Resp: 13609
Ion Ratio Lower Upper
63 100
112 0.4 4.2 6.2#



Abundance Ion 63.00 (62.70 to 63.70): VW
Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.548 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017262.D

Acq: 16 Nov 2020 17:17

Instrument :

MSVOA_W

ClientSampleId :

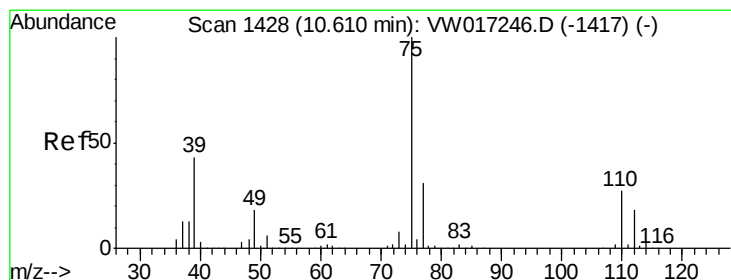
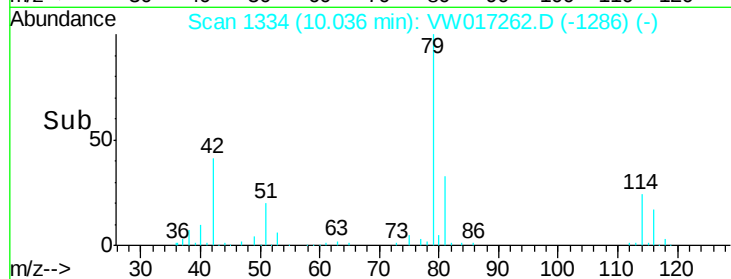
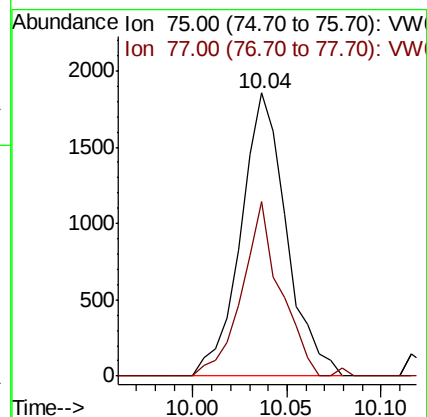
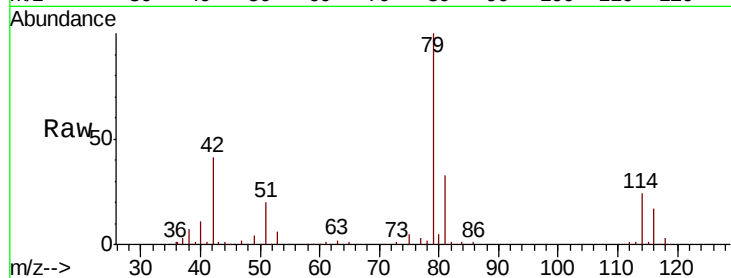
C0AC7RE

Tot Ion: 75 Resp: 3120

Ion Ratio Lower Upper

75 100

77 61.7 22.0 41.0#



#45

trans-1,3-Dichloropropene

Concen: 0.401 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017262.D

Acq: 16 Nov 2020 17:17

Tgt Ion: 75 Resp: 1962

Ion Ratio Lower Upper

75 100

77 33.0 22.1 41.1

