

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017279.D
 Acq On : 17 Nov 2020 12:26
 Operator : SY/VA
 Sample : L4710-01RE
 Misc : 5.63G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AW4

Quant Time: Nov 18 02:16:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 02:13:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	95676	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	71555	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	16525	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	22955	19.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.20%
7) Chloroethane-d5	2.89	69	22535	24.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.08%
10) 1,1-Dichloroethene-d2	4.03	63	35245	16.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.40%
20) 2-Butanone-d5	7.09	46	5472	20.30	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	40.60%
24) Chloroform-d	7.65	84	50973	22.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.28%
26) 1,2-Dichloroethane-d4	8.31	65	24019	21.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.52%
29) Benzene-d6	8.28	84	95586	26.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.92%
33) 1,2-Dichloropropane-d6	9.27	67	26270	26.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.24%
37) Toluene-d8	10.33	98	84568	24.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.44%
38) trans-1,3-Dichloropropene-	10.59	79	7761	17.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.32%
39) 2-Hexanone-d5	10.93	63	3657	20.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	41.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	13658	15.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	62.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	13053	22.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.68%

Target Compounds

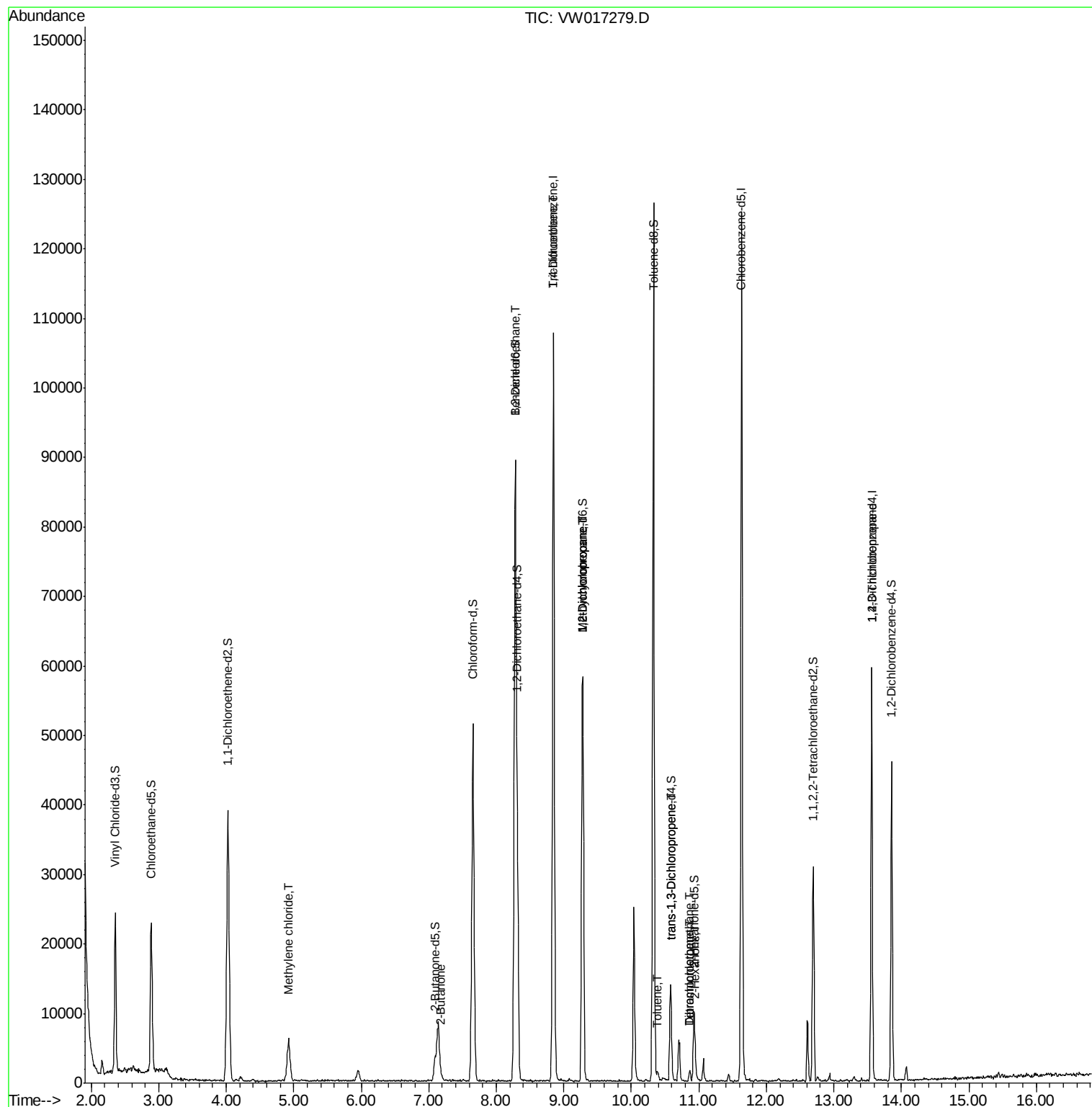
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	2390	1.853	ug/L	80
21) 2-Butanone	7.18	43	350	1.208	ug/L #	42
27) 1,2-Dichloroethane	8.28	62	602	0.474	ug/L #	70
35) Trichloroethene	8.85	95	2662	2.529	ug/L #	2
36) Methylcyclohexane	9.28	83	6815	4.024	ug/L #	21
40) 1,2-Dichloropropane	9.28	63	3363	3.829	ug/L #	84
44) Toluene	10.40	91	1117	0.270	ug/L	84
45) trans-1,3-Dichloropropene	10.58	75	403	0.337	ug/L #	1
47) Tetrachloroethene	10.87	164	417	0.439	ug/L #	69
49) 2-Hexanone	10.95	43	479	1.466	ug/L #	33
50) Dibromochloromethane	10.87	129	298	0.323	ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	2100	3.340	ug/L	98

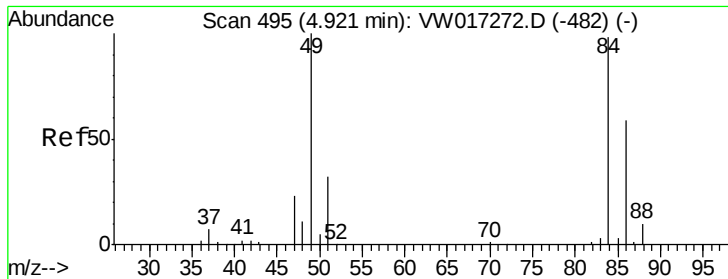
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW11720\
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Quant Title : VOC Analysis
QLast Update : Wed Nov 18 02:13:37 2020
Response via : Initial Calibration

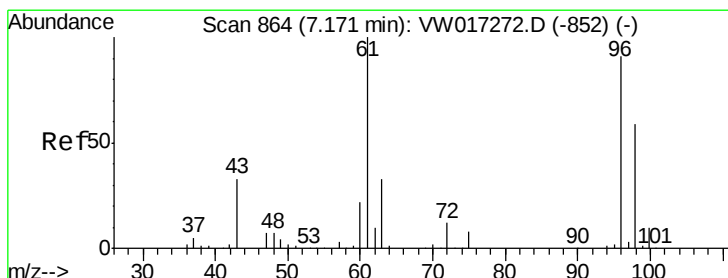
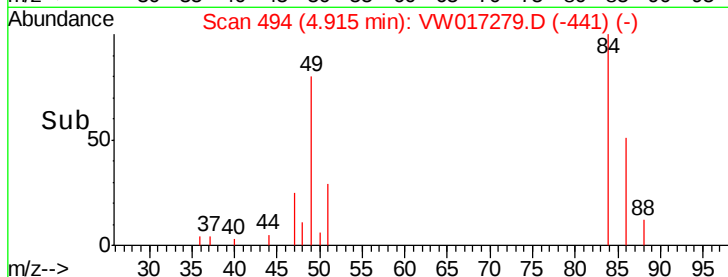
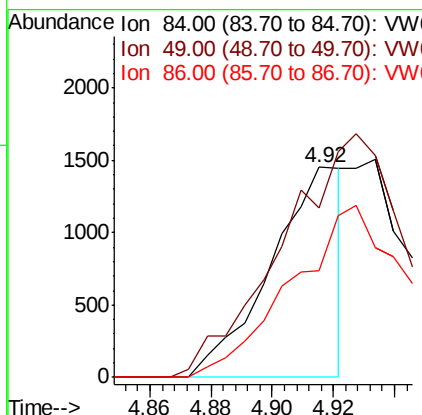
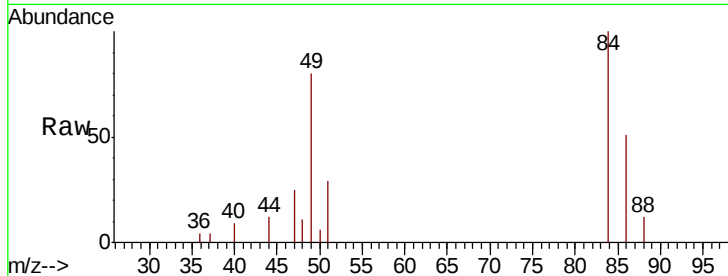




#16
Methvlene chloride
Concen: 1.853 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW017279.D
Acq: 17 Nov 2020 12:26

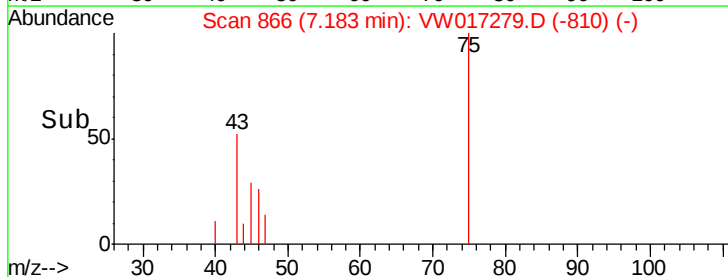
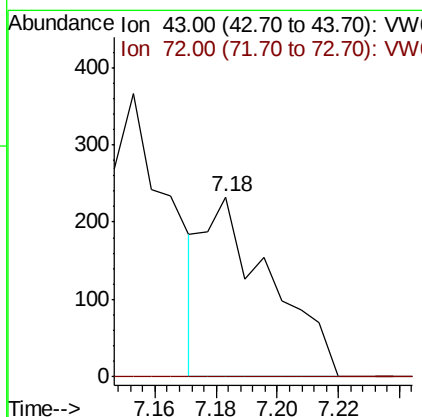
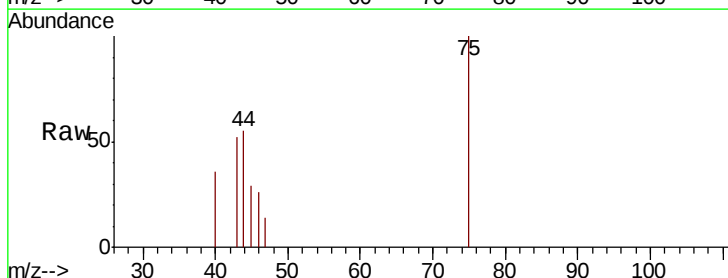
Instrument :
MSVOA_W
ClientSampleId :
C0AW4

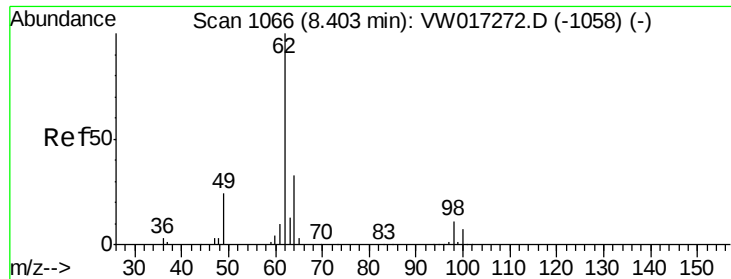
Tot Ion: 84 Resp: 2390
Ion Ratio Lower Upper
84 100
49 80.4 72.3 134.3
86 50.9 45.1 83.7



#21
2-Butanone
Concen: 1.208 ug/L
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW017279.D
Acq: 17 Nov 2020 12:26

Tgt Ion: 43 Resp: 350
Ion Ratio Lower Upper
43 100
72 0.0 16.1 48.3#





#27

1,2-Dichloroethane

Concen: 0.474 ug/L

RT: 8.28 min Scan# 1046

Delta R.T. -0.12 min

Lab File: VW017279.D

Acq: 17 Nov 2020 12:26

Instrument :

MSVOA_W

ClientSampled :

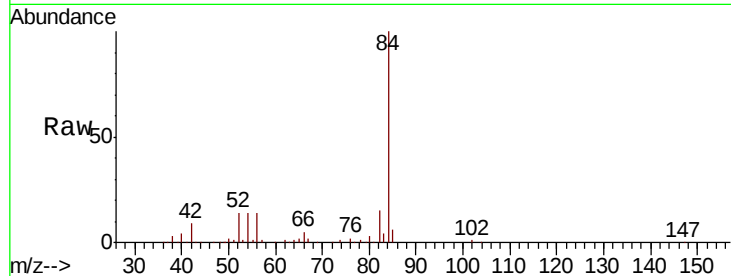
C0AW4

Tot Ion: 62 Resp: 602

Ion Ratio Lower Upper

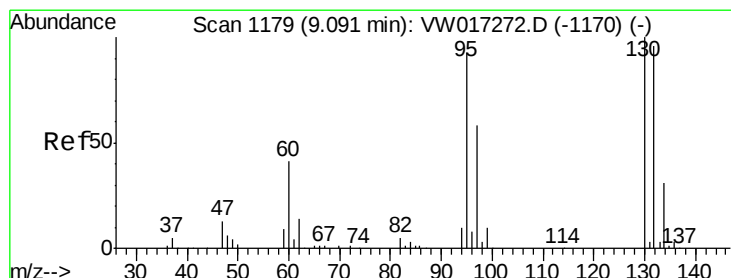
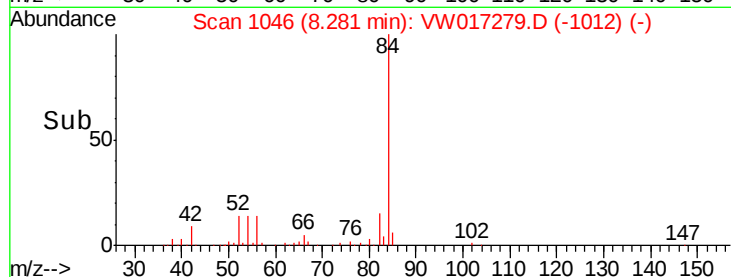
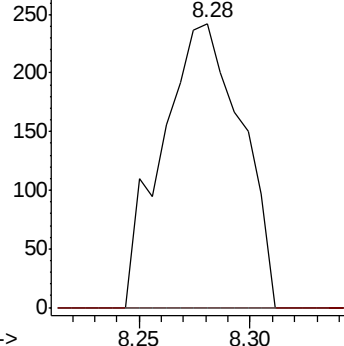
62 100

98 0.0 9.4 14.0#



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW



#35

Trichloroethene

Concen: 2.529 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW017279.D

Acq: 17 Nov 2020 12:26

Tgt Ion: 95 Resp: 2662

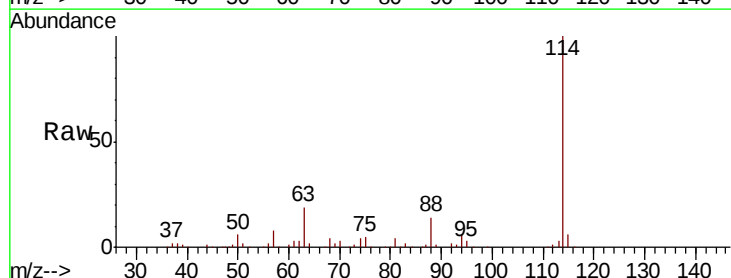
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.0 73.7 136.9#

130 0.0 77.1 143.1#

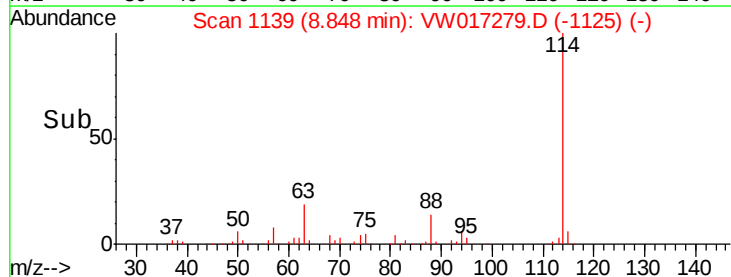
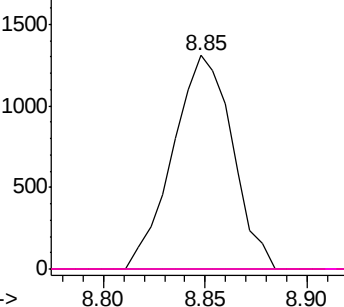


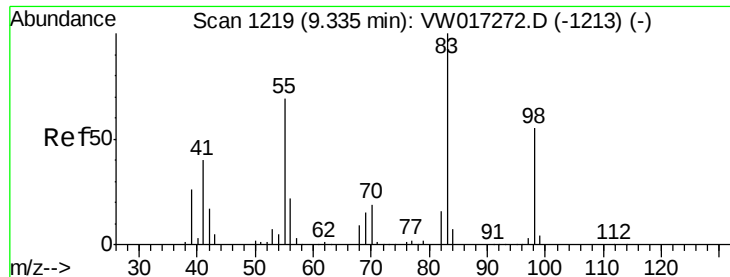
Abundance Ion 95.00 (94.70 to 95.70): VW

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

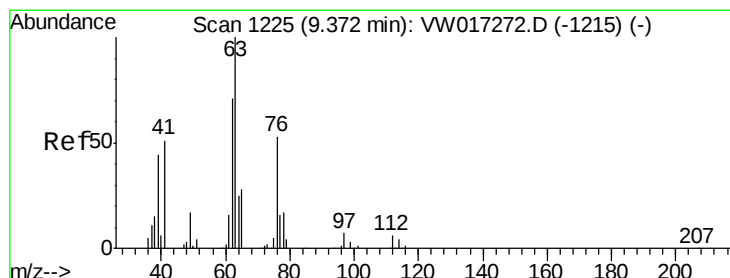
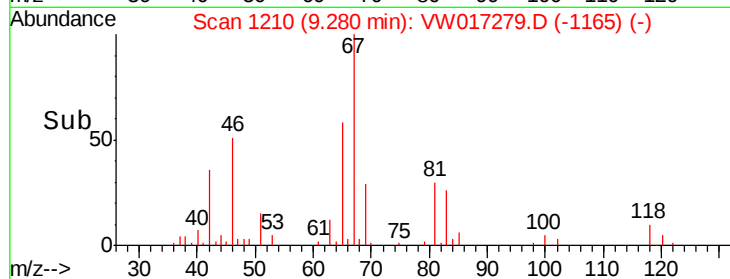
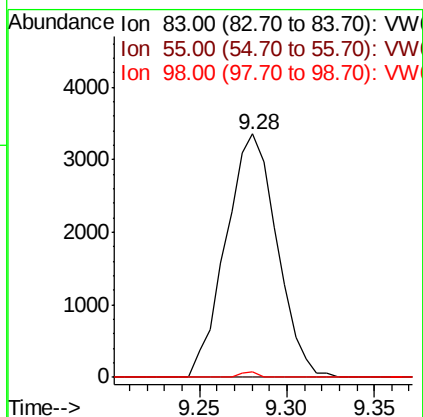
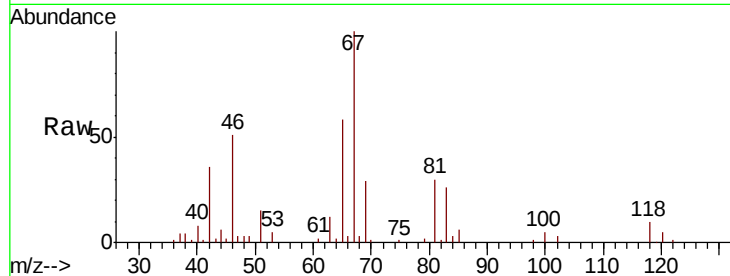




#36
Methvlcvclohexane
Concen: 4.024 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW017279.D
Acq: 17 Nov 2020 12:26

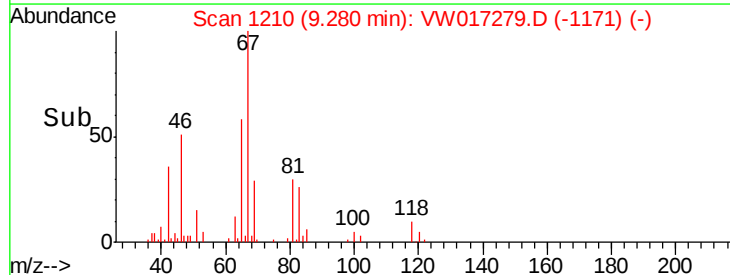
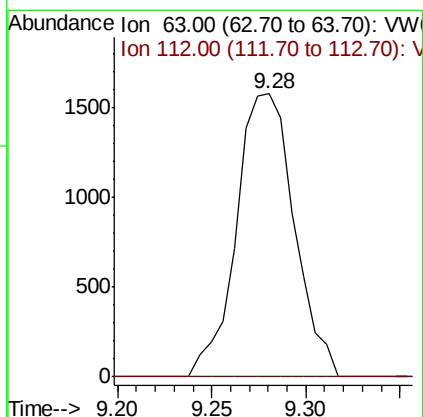
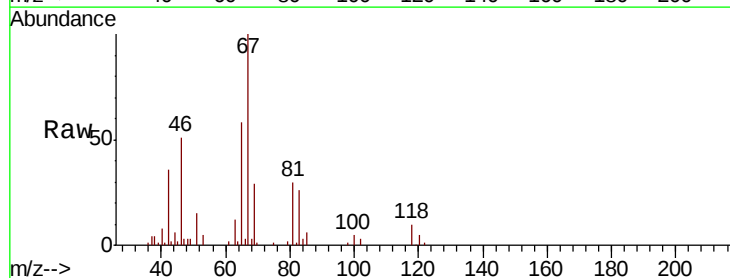
Instrument :
MSVOA_W
ClientSampled :
C0AW4

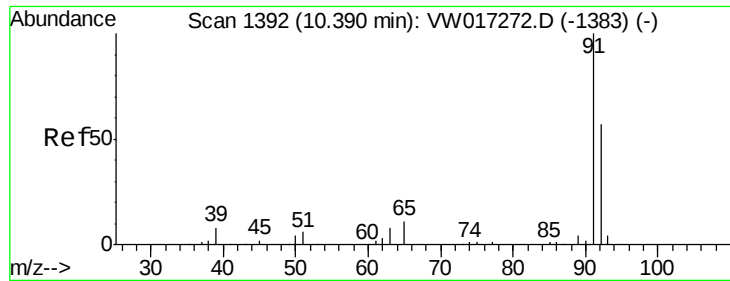
Tot Ion: 83 Resp: 6815
Ion Ratio Lower Upper
83 100
55 0.0 54.4 81.6#
98 0.7 40.5 60.7#



#40
1,2-Dichloropropane
Concen: 3.829 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW017279.D
Acq: 17 Nov 2020 12:26

Tgt Ion: 63 Resp: 3363
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#





#44

Toluene

Concen: 0.270 ug/L

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW017279.D

Acq: 17 Nov 2020 12:26

Instrument :

MSVOA_W

ClientSampled :

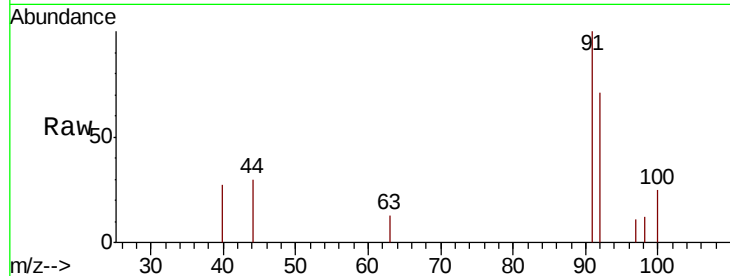
C0AW4

Tot Ion: 91 Resp: 1117

Ion Ratio Lower Upper

91 100

92 71.2 41.4 76.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

10.40

600

500

400

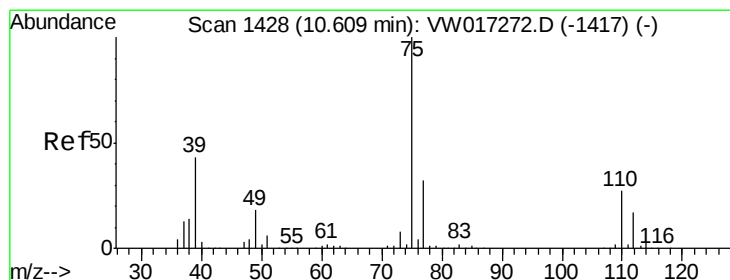
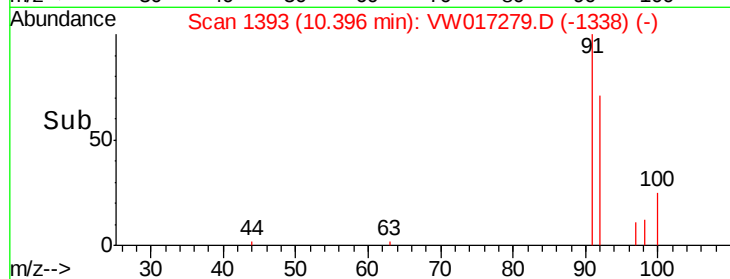
300

200

100

0

Time-->



#45

trans-1,3-Dichloropropene

Concen: 0.337 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017279.D

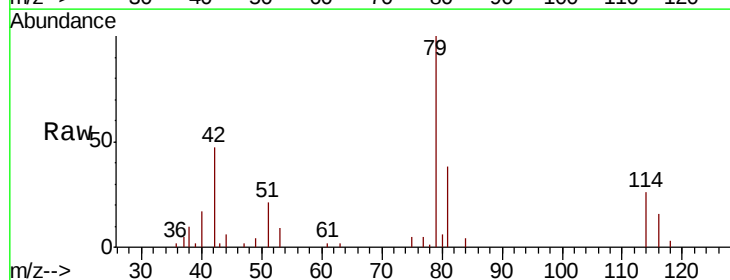
Acq: 17 Nov 2020 12:26

Tgt Ion: 75 Resp: 403

Ion Ratio Lower Upper

75 100

77 94.1 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

250

200

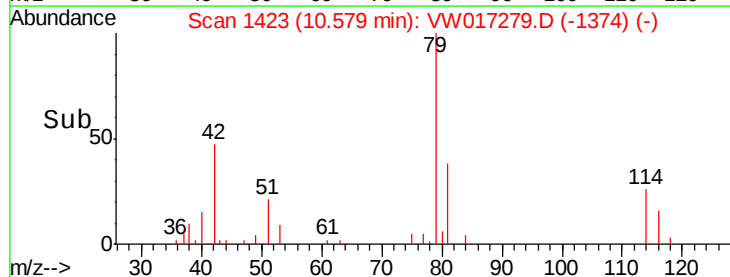
150

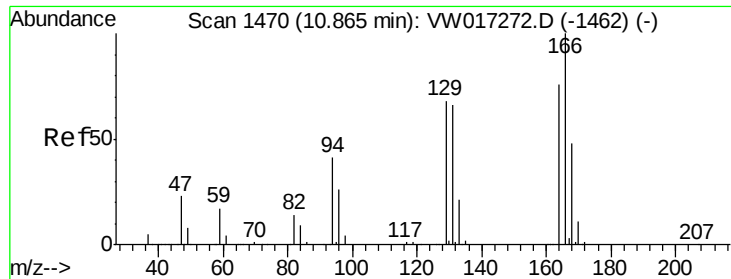
100

50

0

Time-->

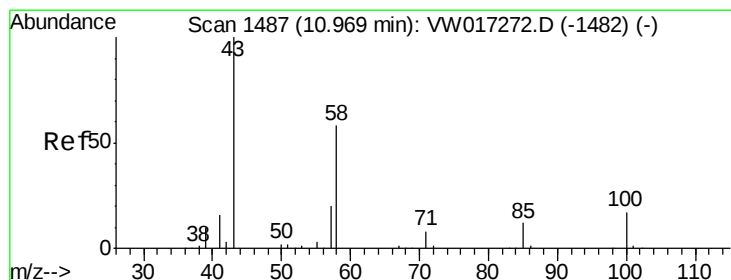
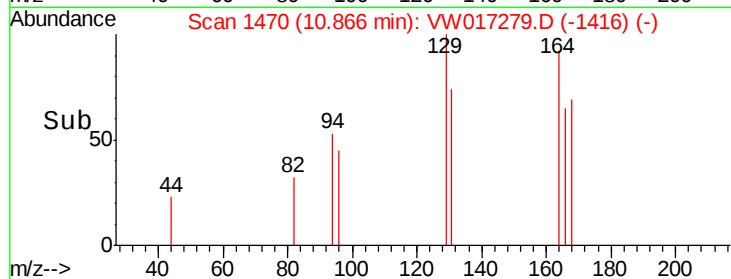
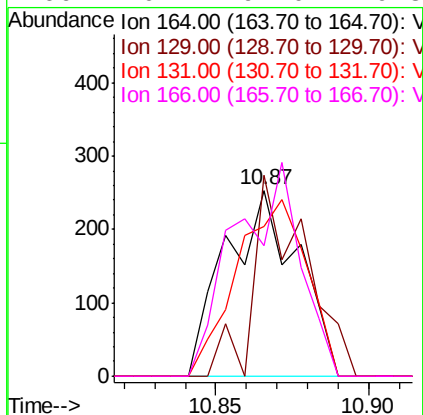
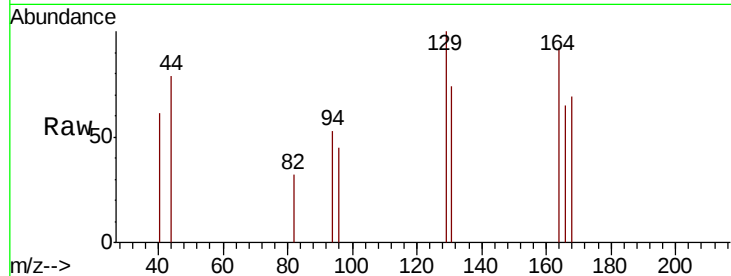




#47
Tetrachloroethene
Concen: 0.439 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW017279.D
Acq: 17 Nov 2020 12:26

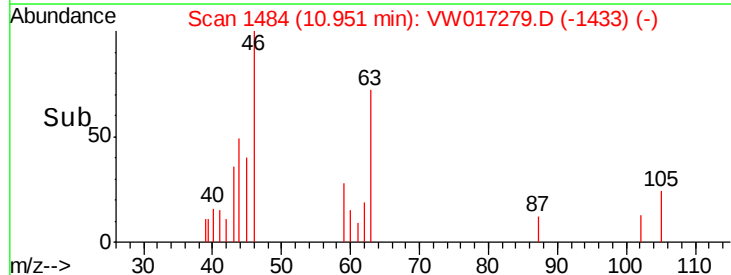
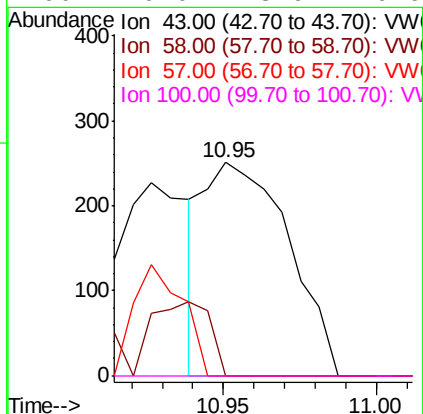
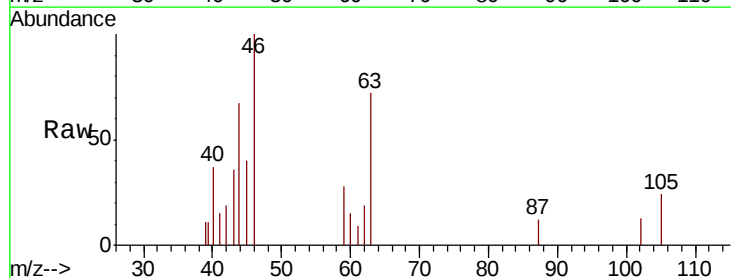
Instrument :
MSVOA_W
ClientSampled :
C0AW4

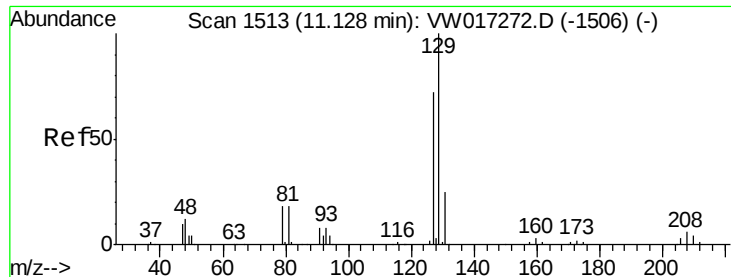
Tot Ion:164 Resp: 417
Ion Ratio Lower Upper
164 100
129 108.3 62.9 116.7
131 80.6 63.3 117.5
166 70.4 92.0 170.8#



#49
2-Hexanone
Concen: 1.466 ug/L
RT: 10.95 min Scan# 1484
Delta R.T. -0.02 min
Lab File: VW017279.D
Acq: 17 Nov 2020 12:26

Tgt Ion: 43 Resp: 479
Ion Ratio Lower Upper
43 100
58 0.0 50.6 75.8#
57 0.0 17.8 26.6#
100 0.0 13.9 20.9#

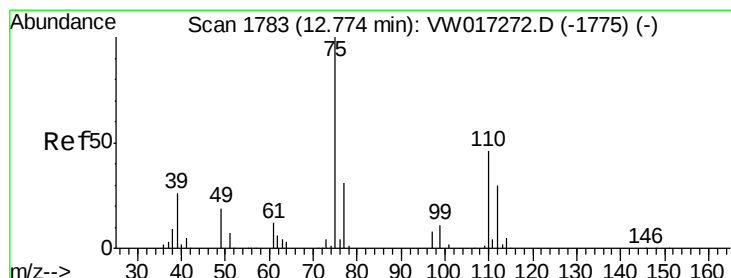
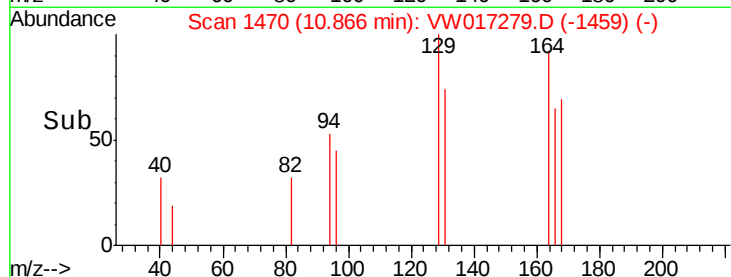
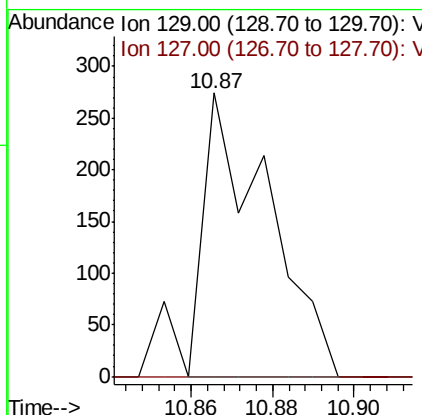
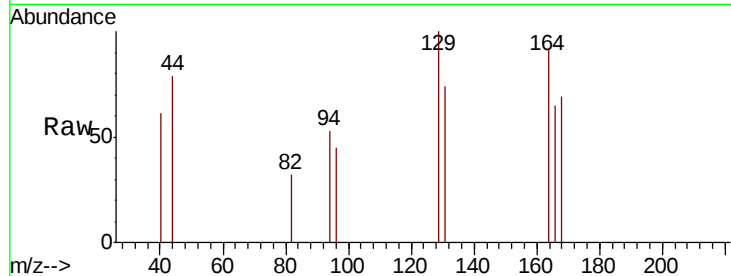




#50
 Dibromochloromethane
 Concen: 0.323 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.26 min
 Lab File: VW017279.D
 Acq: 17 Nov 2020 12:26

Instrument :
 MSVOA_W
 ClientSampled :
 C0AW4

Tot Ion:129 Resp: 298
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.3 100.9#



#59
 1,2,3-Trichloropropane
 Concen: 3.340 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW017279.D
 Acq: 17 Nov 2020 12:26

Tgt Ion: 75 Resp: 2100
 Ion Ratio Lower Upper
 75 100
 77 33.9 26.4 39.6

