

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092920\
 Data File : VW016694.D
 Acq On : 29 Sep 2020 18:15
 Operator : SY/VA
 Sample : L4184-06
 Misc : 5.39G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AM1

Quant Time: Sep 30 07:17:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 07:14:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	615024	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	555361	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	273549	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	113896	19.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.52%
7) Chloroethane-d5	2.91	69	106167	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.36%
10) 1,1-Dichloroethene-d2	4.03	63	190853	14.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.36%
20) 2-Butanone-d5	7.08	46	75547	46.55	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.10%
24) Chloroform-d	7.66	84	306909	23.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	8.31	65	164133	24.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.40%
29) Benzene-d6	8.28	84	593187	23.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.28%
33) 1,2-Dichloropropane-d6	9.28	67	169175	25.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.24%
37) Toluene-d8	10.33	98	564227	23.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.12%
38) trans-1,3-Dichloropropene-	10.58	79	72115	21.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.76%
39) 2-Hexanone-d5	10.93	63	58831	47.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	144215	25.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	212576	24.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.28%

Target Compounds

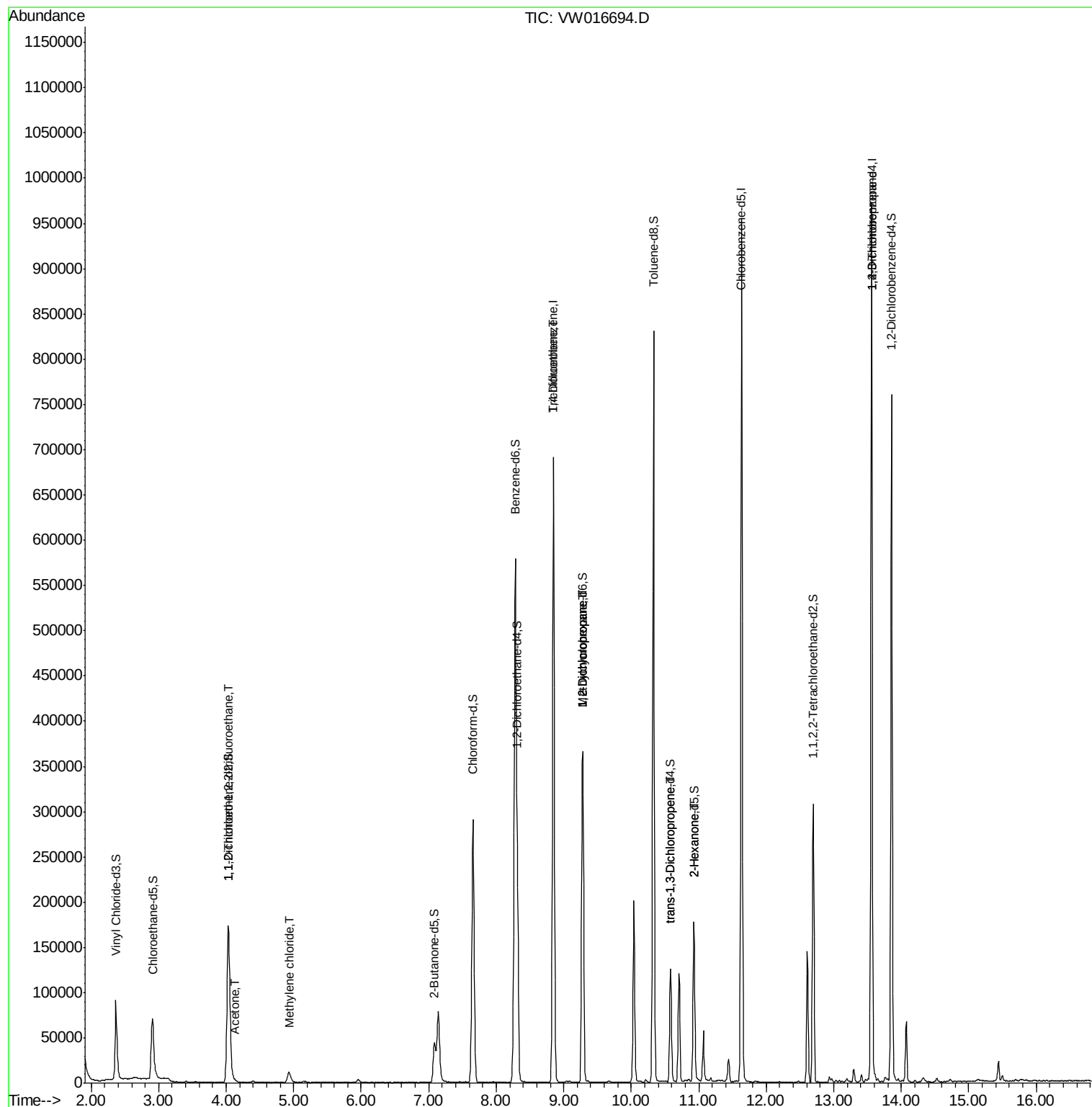
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.04	101	1949	0.246	ug/L #	17
13) Acetone	4.13	43	1544	1.214	ug/L	71
16) Methylene chloride	4.94	84	10409	1.097	ug/L	82
35) Trichloroethene	8.85	95	17927	2.082	ug/L #	2
36) Methylcyclohexane	9.28	83	44711	3.061	ug/L #	21
40) 1,2-Dichloropropane	9.27	63	20336	2.937	ug/L #	83
45) trans-1,3-Dichloropropene	10.58	75	3424	0.333	ug/L	86
49) 2-Hexanone	10.93	43	7397	2.650	ug/L #	70
59) 1,2,3-Trichloropropane	13.56	75	27660	5.694	ug/L	90

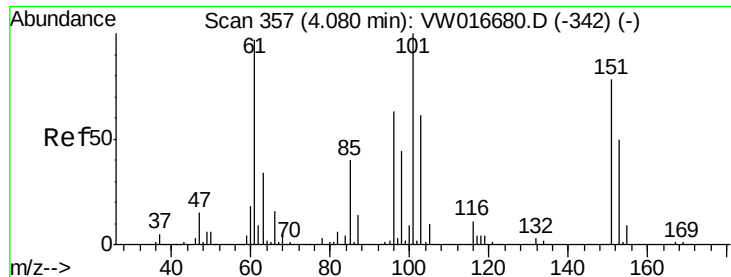
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Sep 30 07:14:58 2020
Response via : Initial Calibration





#11

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

Concen: 0.246 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.04 min

Lab File: VW016694.D

Acq: 29 Sep 2020 18:15

Instrument :

MSVOA_W

ClientSampleId :

C0AM1

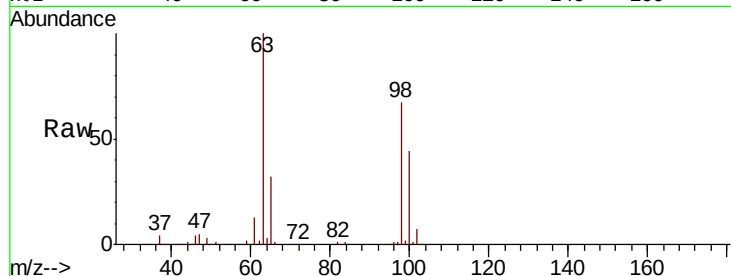
Tot Ion:101 Resp: 1949

Ion Ratio Lower Upper

101 100

85 0.0 32.6 49.0#

151 0.0 66.0 99.0#



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

4.04

600

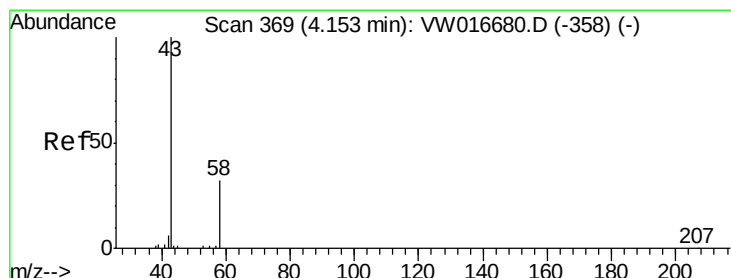
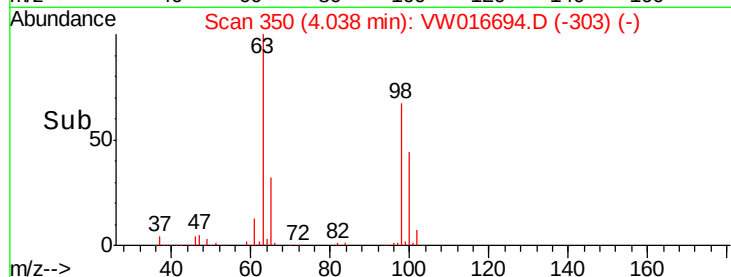
400

200

0

3.95 4.00 4.05 4.10

Time-->



#13

Acetone

Concen: 1.214 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW016694.D

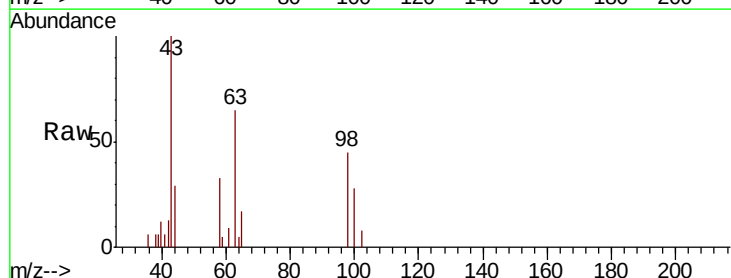
Acq: 29 Sep 2020 18:15

Tgt Ion: 43 Resp: 1544

Ion Ratio Lower Upper

43 100

58 14.6 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

1200

1000

800

600

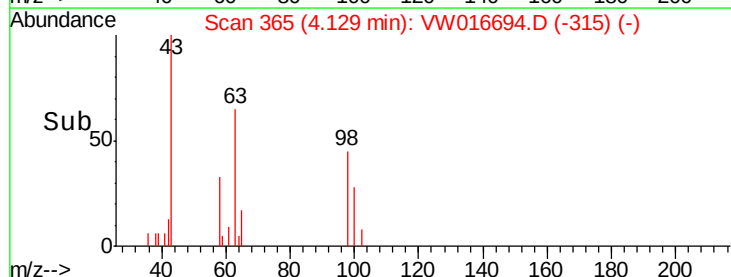
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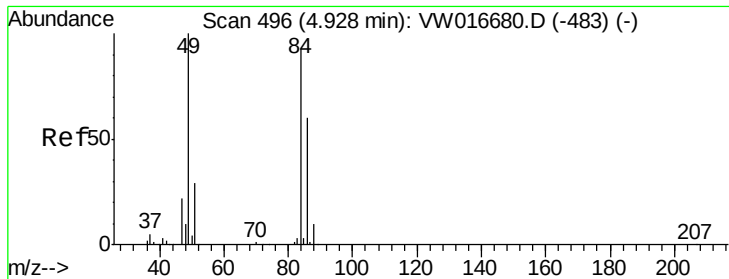
200

0

4.05 4.10 4.15

Time-->

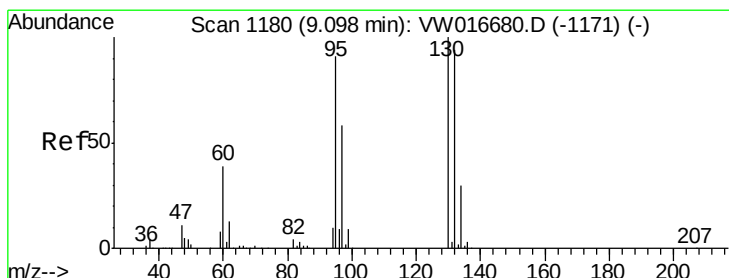
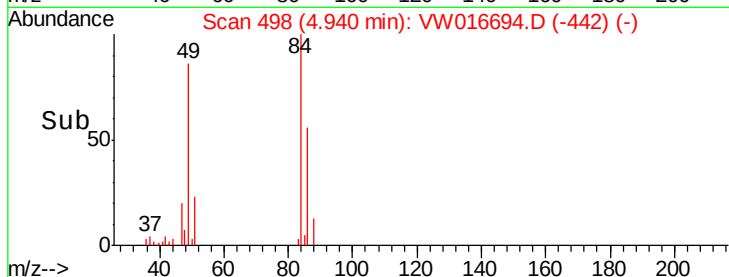
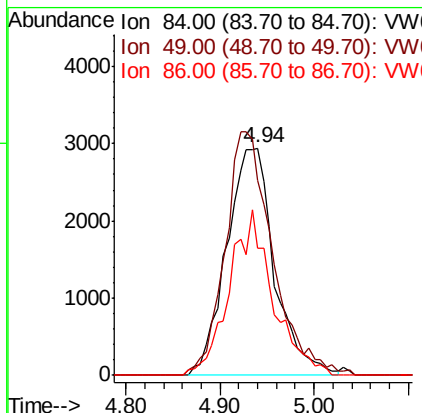
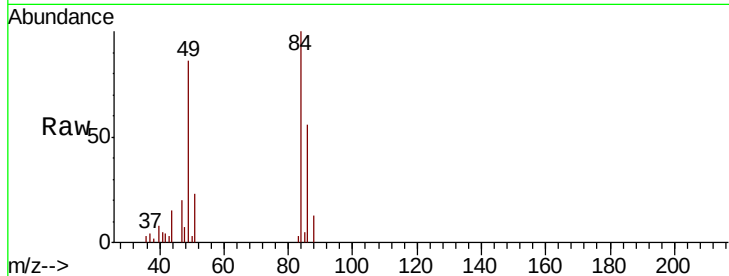




#16
Methylene chloride
Concen: 1.097 ug/L
RT: 4.94 min Scan# 498
Delta R.T. 0.01 min
Lab File: VW016694.D
Acq: 29 Sep 2020 18:15

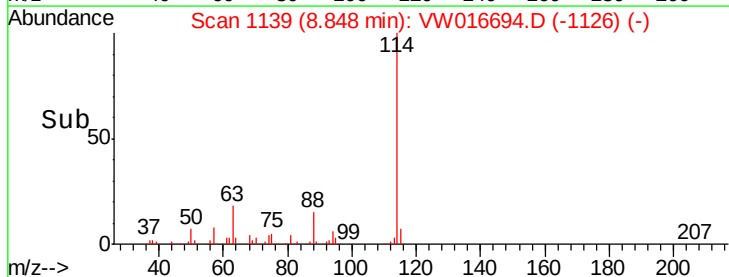
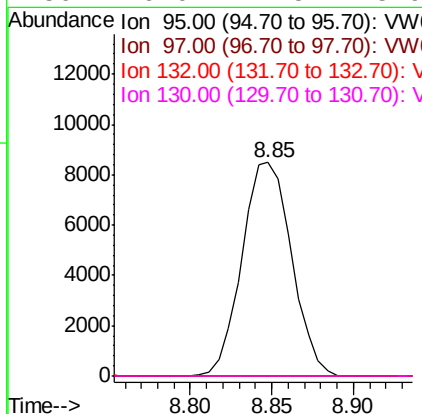
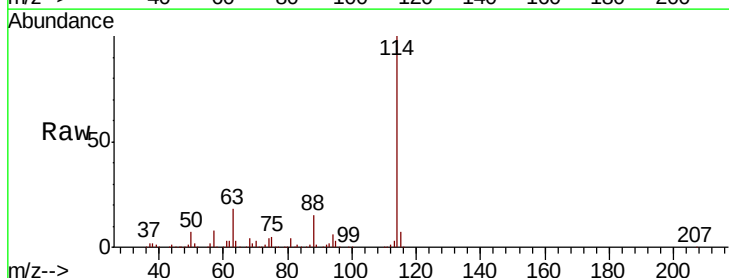
Instrument :
MSVOA_W
ClientSampleId :
C0AM1

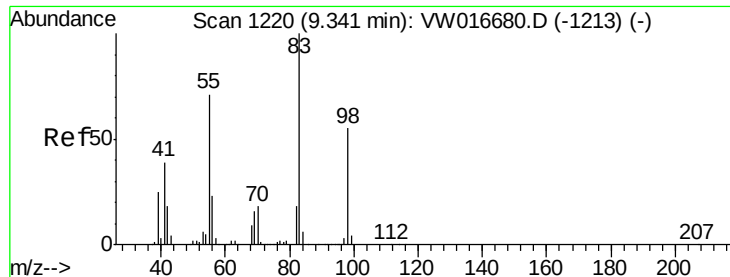
Tot Ion: 84 Resp: 10409
Ion Ratio Lower Upper
84 100
49 86.1 76.0 141.2
86 56.2 45.6 84.6



#35
Trichloroethene
Concen: 2.082 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.25 min
Lab File: VW016694.D
Acq: 29 Sep 2020 18:15

Tgt Ion: 95 Resp: 17927
Ion Ratio Lower Upper
95 100
97 0.0 45.2 84.0#
132 0.0 73.3 136.1#
130 0.0 77.5 143.9#

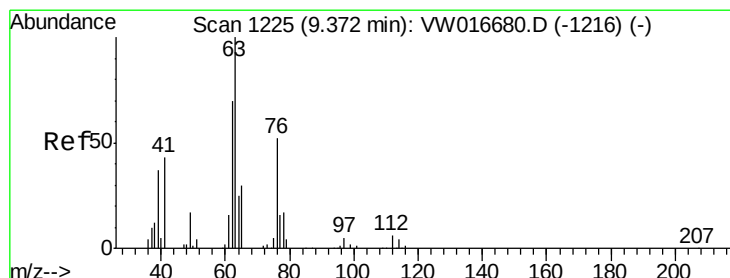
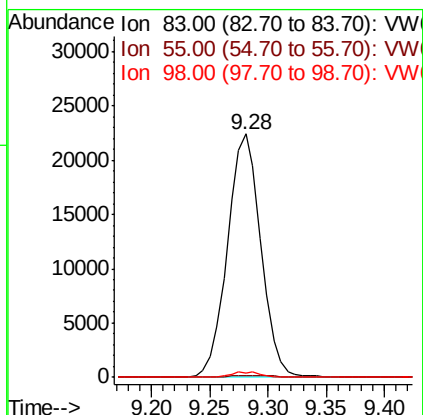
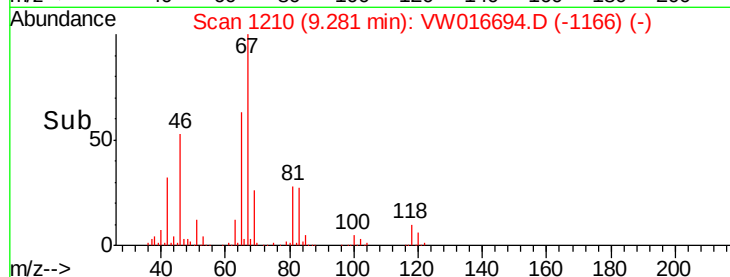
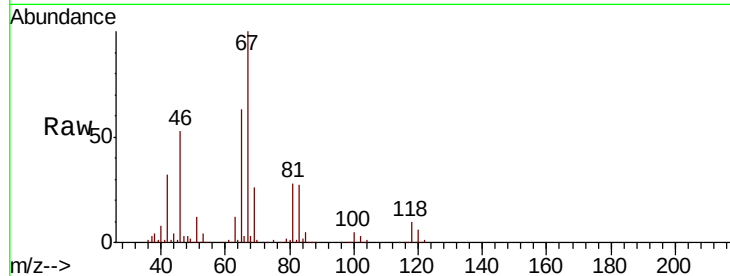




#36
Methylvlcyclohexane
Concen: 3.061 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW016694.D
Acq: 29 Sep 2020 18:15

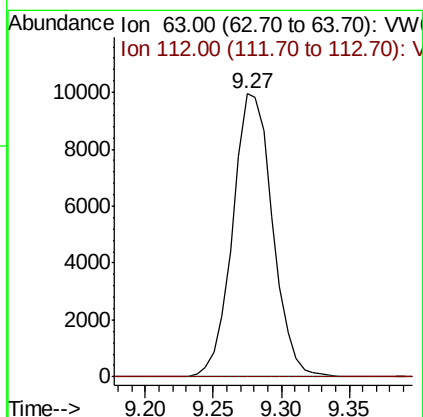
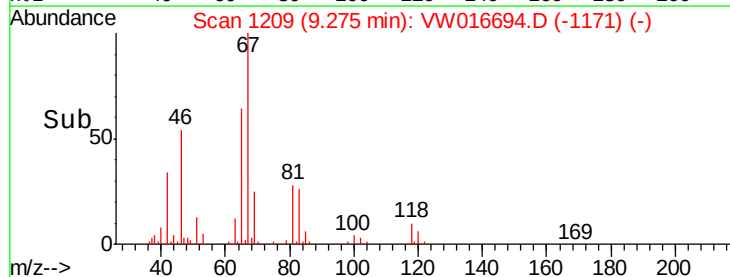
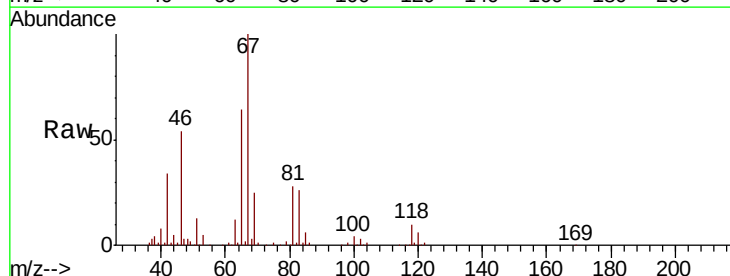
Instrument :
MSVOA_W
ClientSampled :
C0AM1

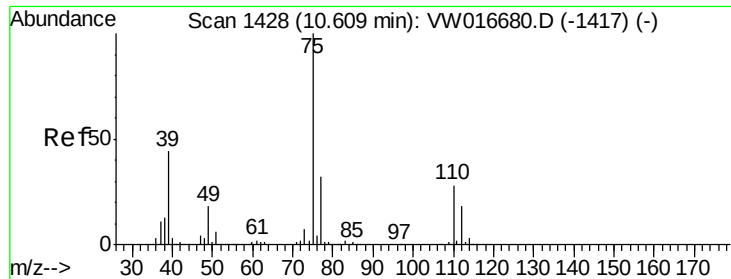
Tot Ion: 83 Resp: 44711
Ion Ratio Lower Upper
83 100
55 0.7 55.9 83.9#
98 1.9 42.1 63.1#



#40
1,2-Dichloropropane
Concen: 2.937 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW016694.D
Acq: 29 Sep 2020 18:15

Tgt Ion: 63 Resp: 20336
Ion Ratio Lower Upper
63 100
112 0.0 4.5 6.7#





#45

trans-1,3-Dichloropropene

Concen: 0.333 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016694.D

Acq: 29 Sep 2020 18:15

Instrument :

MSVOA_W

ClientSampleId :

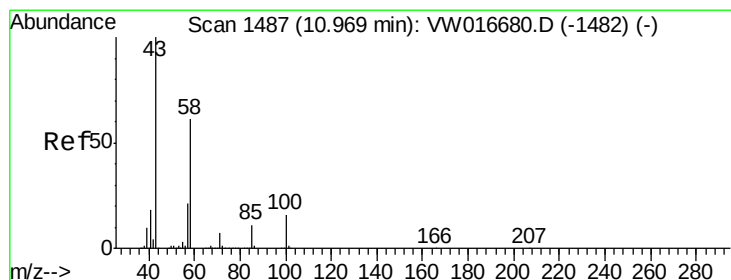
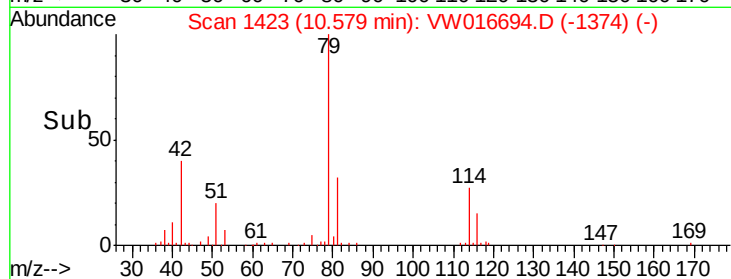
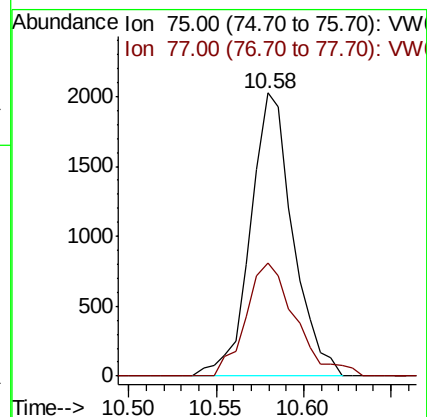
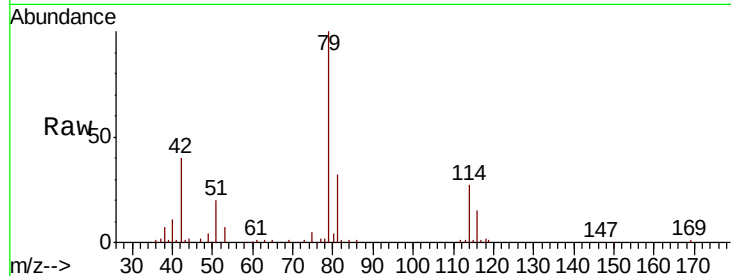
C0AM1

Tot Ion: 75 Resp: 3424

Ion Ratio Lower Upper

75 100

77 40.2 22.5 41.9



#49

2-Hexanone

Concen: 2.650 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016694.D

Acq: 29 Sep 2020 18:15

Tgt Ion: 43 Resp: 7397

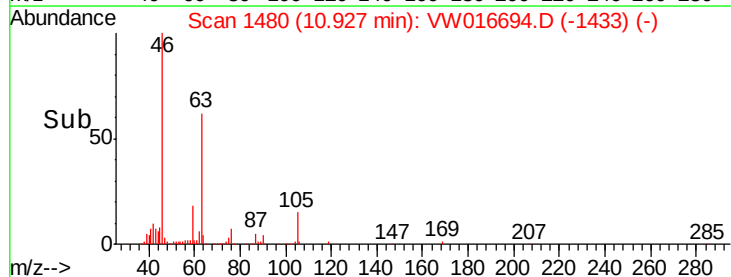
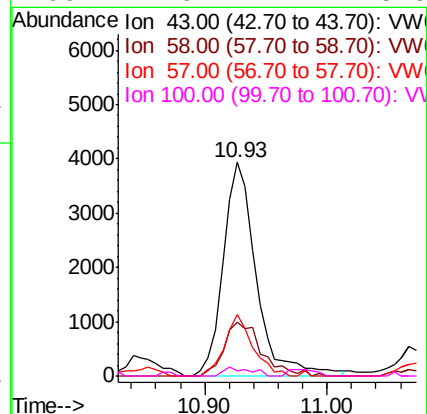
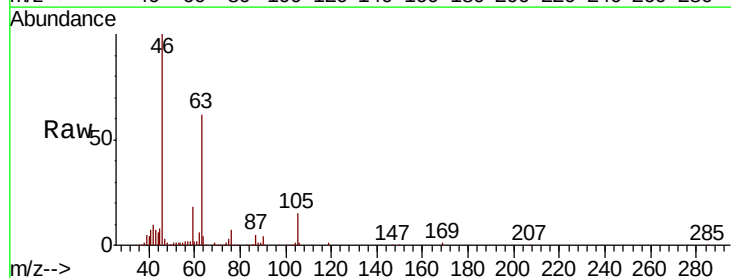
Ion Ratio Lower Upper

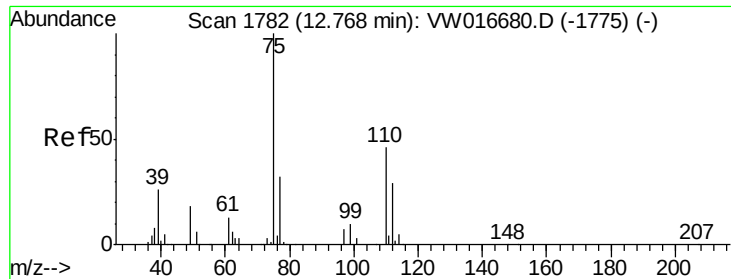
43 100

58 27.7 44.2 66.2#

57 24.3 16.3 24.5

100 2.6 12.4 18.6#





#59

1,2,3-Trichloropropane

Concen: 5.694 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016694.D

Acq: 29 Sep 2020 18:15

Instrument :

MSVOA_W

ClientSampleId :

C0AM1

Tot Ion: 75 Resp: 27660

Ion Ratio Lower Upper

75 100

77 38.2 26.2 39.4

