

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092920\
 Data File : VW016693.D
 Acq On : 29 Sep 2020 17:51
 Operator : SY/VA
 Sample : L4184-04
 Misc : 4.41G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AK6

Quant Time: Sep 30 07:17:33 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	575749	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	445950	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	153838	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	115080	20.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.60%
7) Chloroethane-d5	2.91	69	108425	23.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.32%
10) 1,1-Dichloroethene-d2	4.03	63	192902	15.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.92%
20) 2-Butanone-d5	7.09	46	59400	39.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.18%
24) Chloroform-d	7.65	84	302807	25.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.56%
26) 1,2-Dichloroethane-d4	8.31	65	156994	25.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.56%
29) Benzene-d6	8.28	84	574973	28.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.00%
33) 1,2-Dichloropropane-d6	9.28	67	165679	30.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.28%#
37) Toluene-d8	10.33	98	508396	25.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.36%
38) trans-1,3-Dichloropropene-	10.58	79	64011	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.72%
39) 2-Hexanone-d5	10.93	63	45541	46.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117102	25.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	127414	25.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.68%

Target Compounds

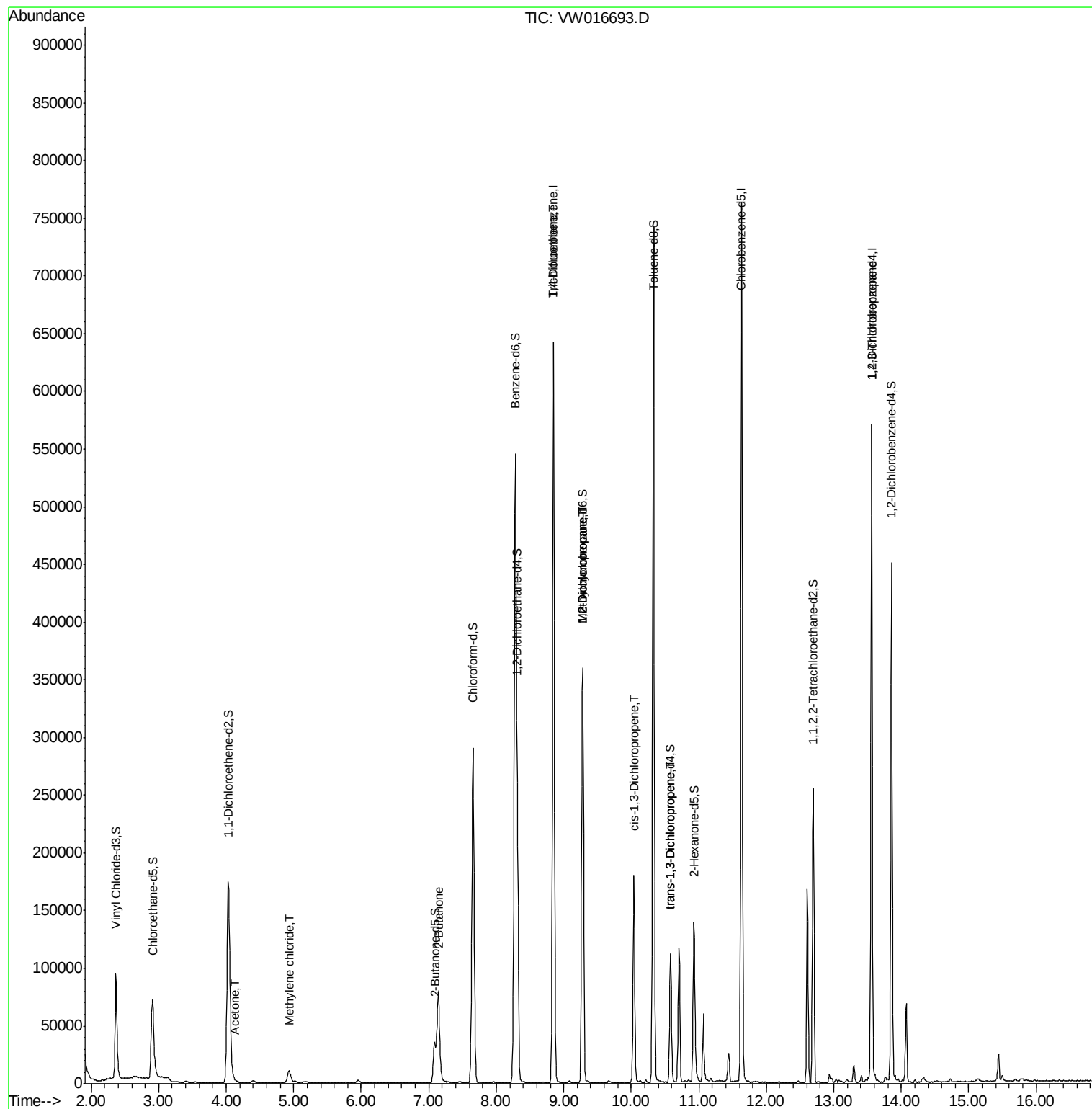
					Ovalue
13) Acetone	4.14	43	737	0.619 ug/L	59
16) Methylene chloride	4.93	84	9529	1.073 ug/L	89
21) 2-Butanone	7.15	43	7866	3.885 ug/L #	50
35) Trichloroethene	8.85	95	17267	2.497 ug/L #	2
36) Methylcyclohexane	9.27	83	42944	3.661 ug/L #	21
40) 1,2-Dichloropropane	9.27	63	19847	3.570 ug/L #	83
42) cis-1,3-Dichloropropene	10.04	75	5122	0.539 ug/L	85
45) trans-1,3-Dichloropropene	10.59	75	2993	0.362 ug/L	88
59) 1,2,3-Trichloropropane	13.56	75	15780	4.045 ug/L	89

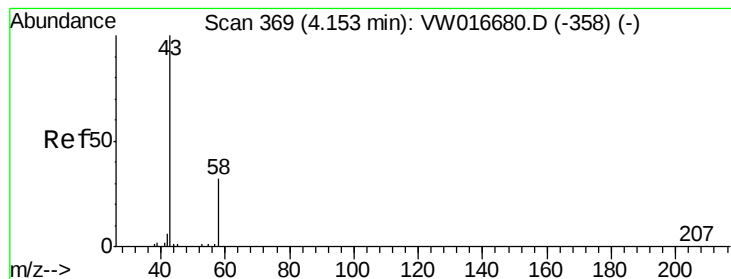
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092920\
Data File : VW016693.D
Acq On : 29 Sep 2020 17:51
Operator : SY/VA
Sample : L4184-04
Misc : 4.41G/10ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AK6

Quant Time: Sep 30 07:17:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 30 07:14:58 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.619 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW016693.D

Acq: 29 Sep 2020 17:51

Instrument :

MSVOA_W

ClientSampleId :

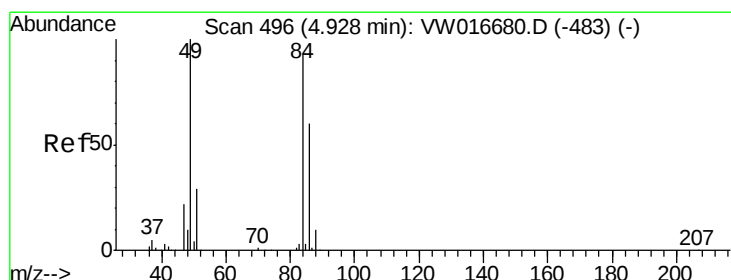
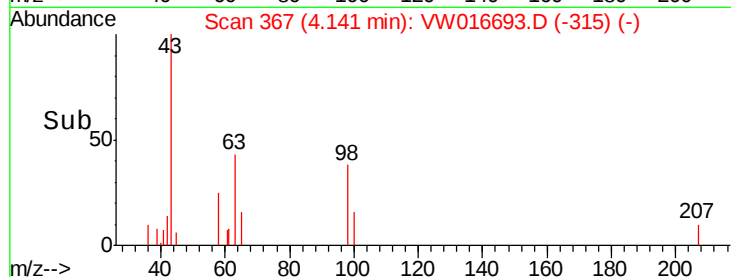
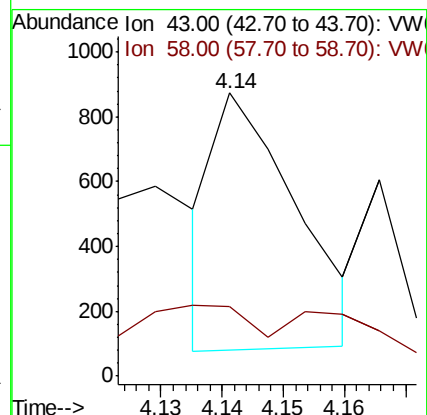
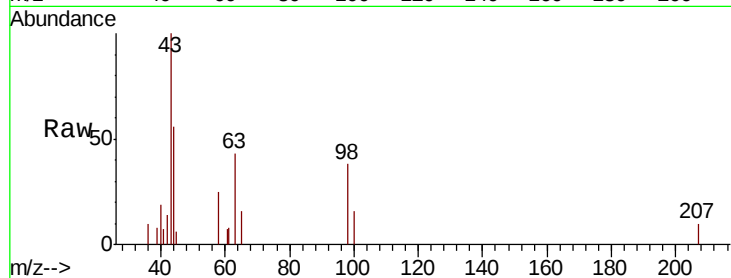
C0AK6

Tot Ion: 43 Resp: 737

Ion Ratio Lower Upper

43 100

58 52.5 0.0 60.2



#16

Methylene chloride

Concen: 1.073 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

Lab File: VW016693.D

Acq: 29 Sep 2020 17:51

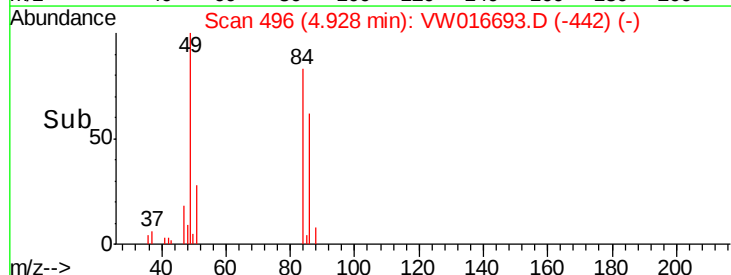
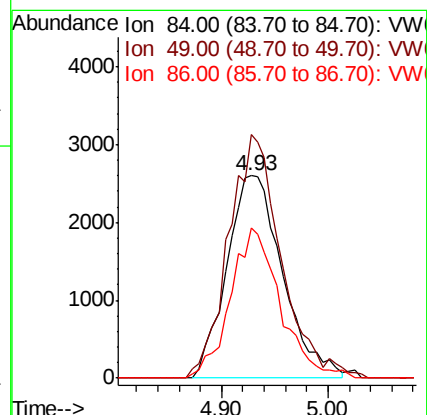
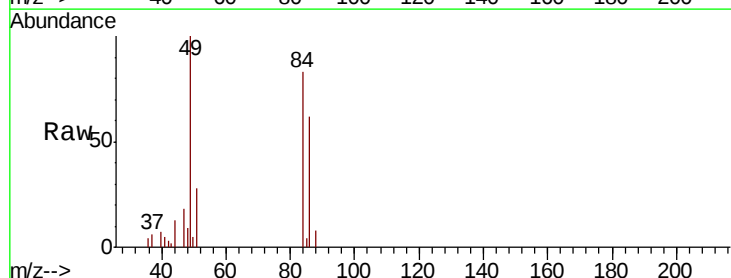
Tgt Ion: 84 Resp: 9529

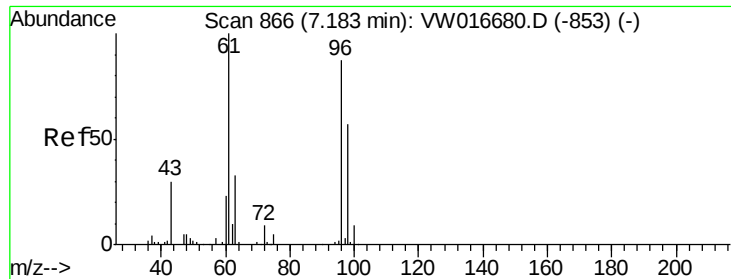
Ion Ratio Lower Upper

84 100

49 120.3 76.0 141.2

86 74.3 45.6 84.6





#21

2-Butanone

Concen: 3.885 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

Lab File: VW016693.D

Acq: 29 Sep 2020 17:51

Instrument :

MSVOA_W

ClientSampled :

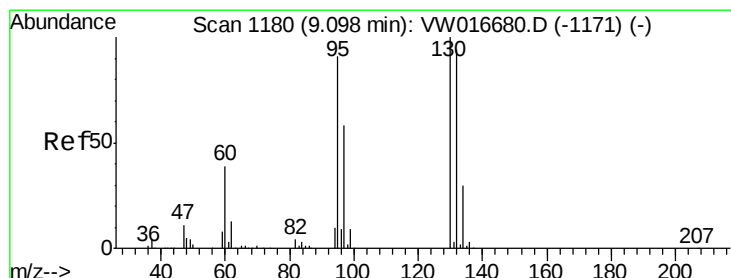
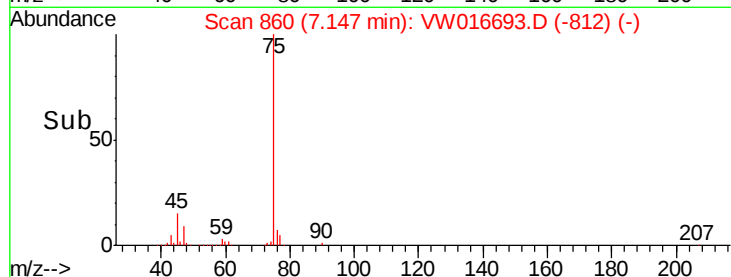
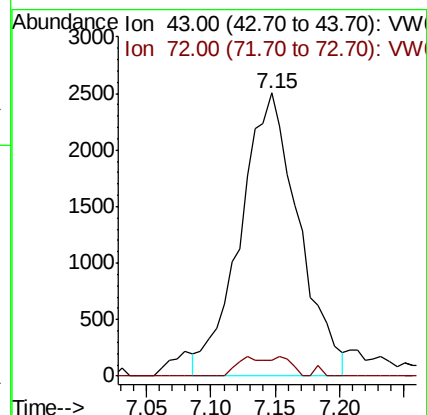
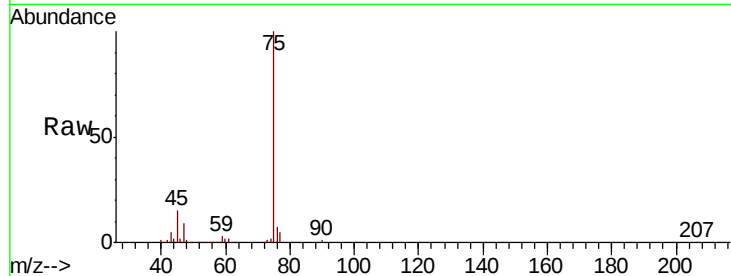
C0AK6

Tot Ion: 43 Resp: 7866

Ion Ratio Lower Upper

43 100

72 2.6 14.6 43.8#



#35

Trichloroethene

Concen: 2.497 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

Lab File: VW016693.D

Acq: 29 Sep 2020 17:51

Tgt Ion: 95 Resp: 17267

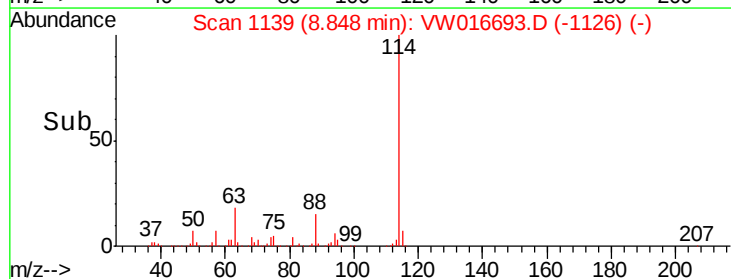
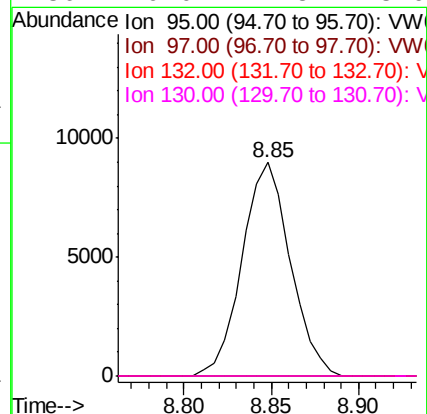
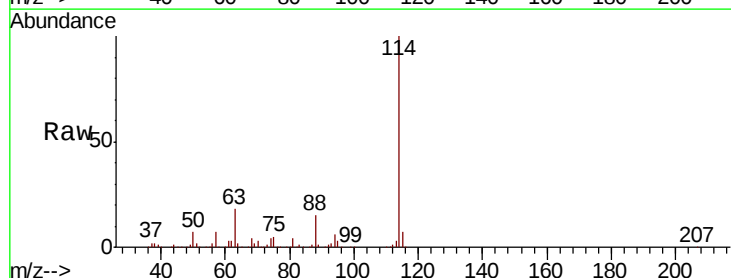
Ion Ratio Lower Upper

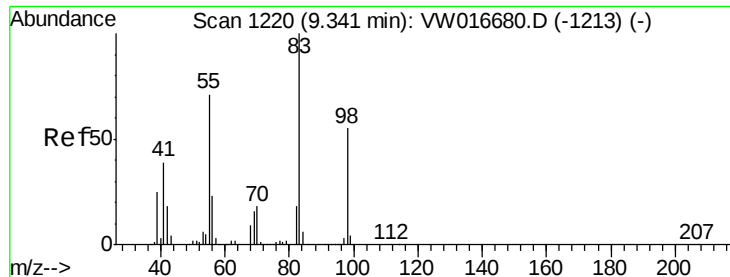
95 100

97 0.0 45.2 84.0#

132 0.0 73.3 136.1#

130 0.0 77.5 143.9#

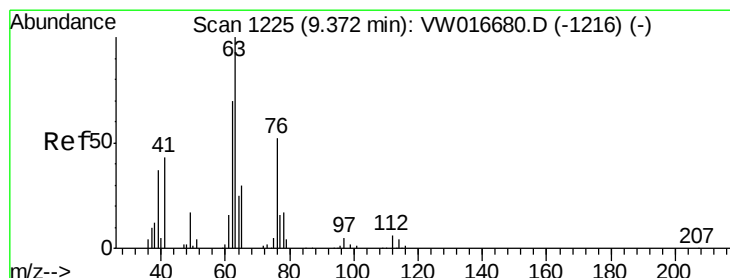
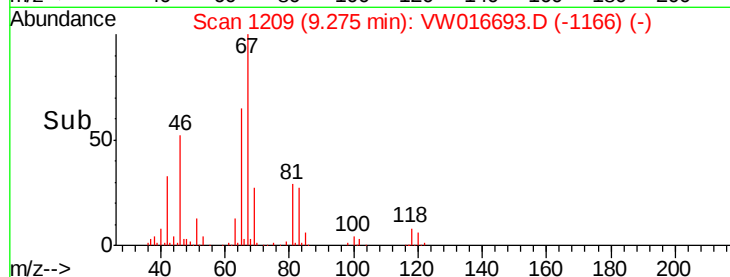
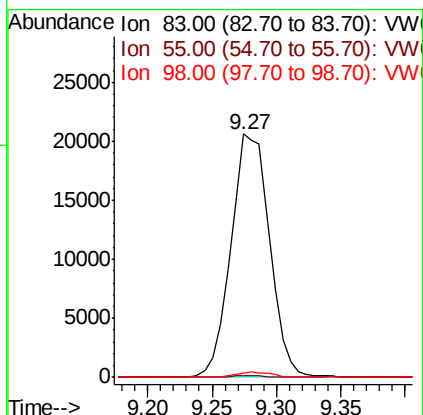
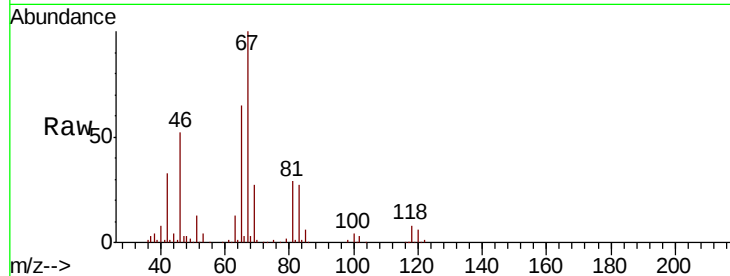




#36
Methylcyclohexane
Concen: 3.661 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.07 min
Lab File: VW016693.D
Acq: 29 Sep 2020 17:51

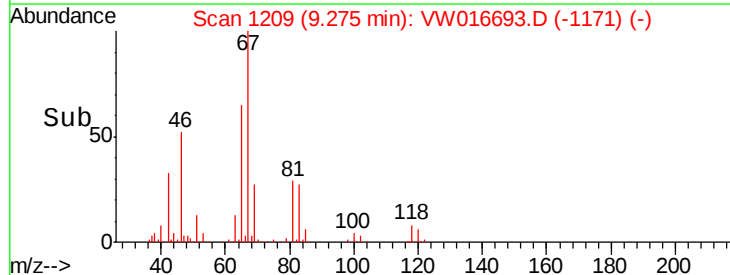
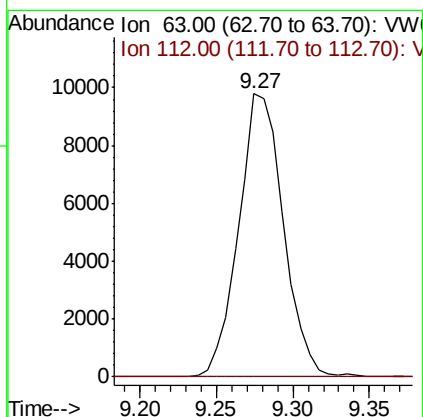
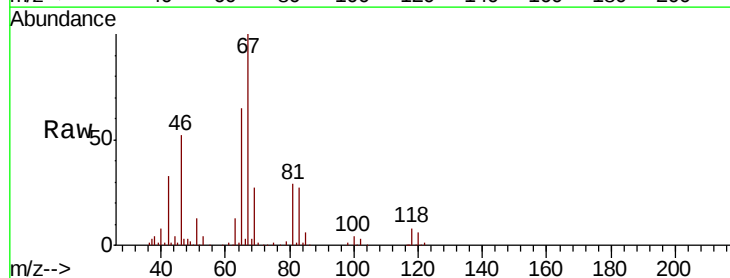
Instrument :
MSVOA_W
ClientSampled :
C0AK6

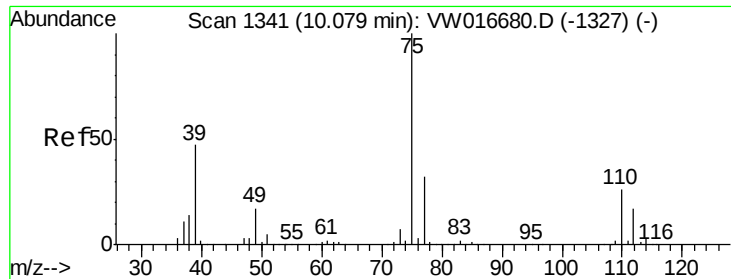
Tot Ion: 83 Resp: 42944
Ion Ratio Lower Upper
83 100
55 0.7 55.9 83.9#
98 2.0 42.1 63.1#



#40
1,2-Dichloropropane
Concen: 3.570 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW016693.D
Acq: 29 Sep 2020 17:51

Tgt Ion: 63 Resp: 19847
Ion Ratio Lower Upper
63 100
112 0.0 4.5 6.7#

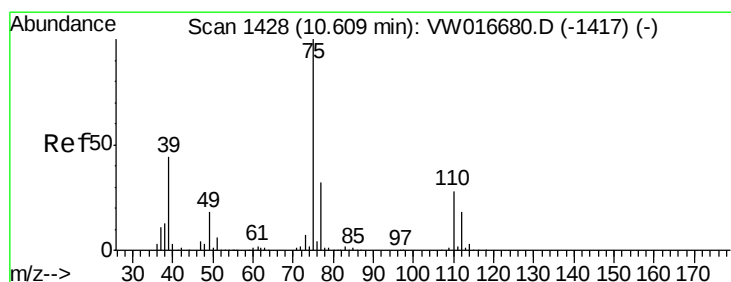
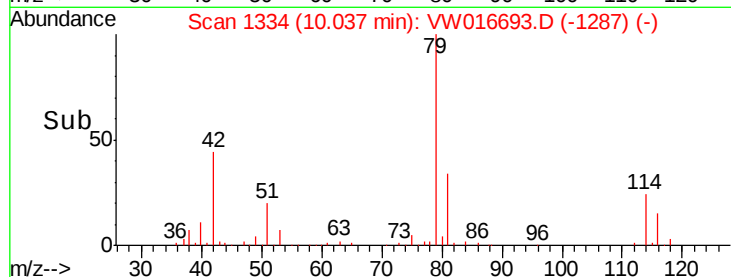
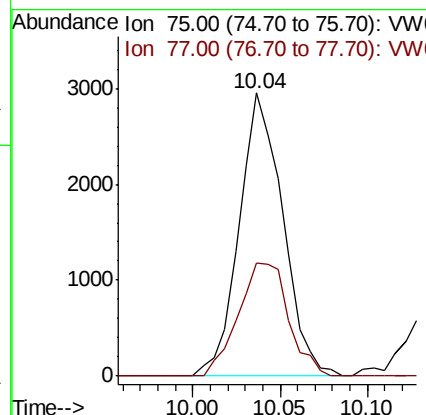
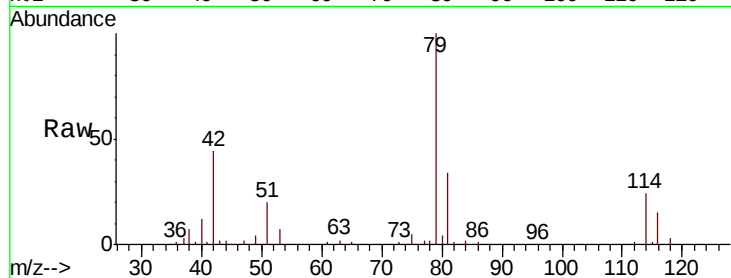




#42
 cis-1,3-Dichloropropene
 Concen: 0.539 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016693.D
 Acq: 29 Sep 2020 17:51

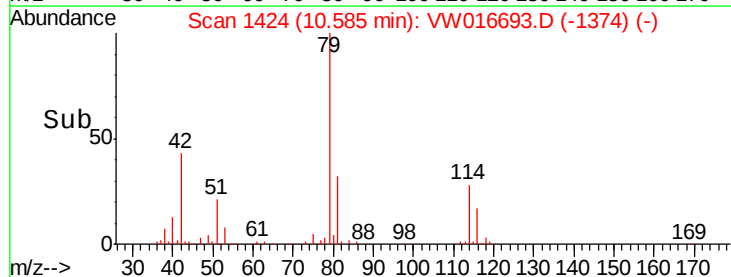
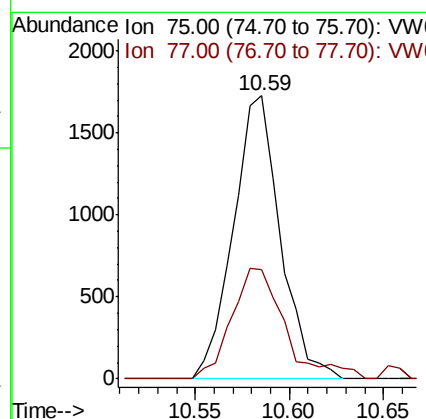
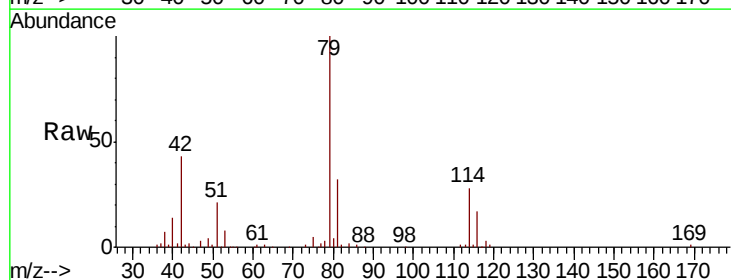
Instrument :
 MSVOA_W
 ClientSampled :
 C0AK6

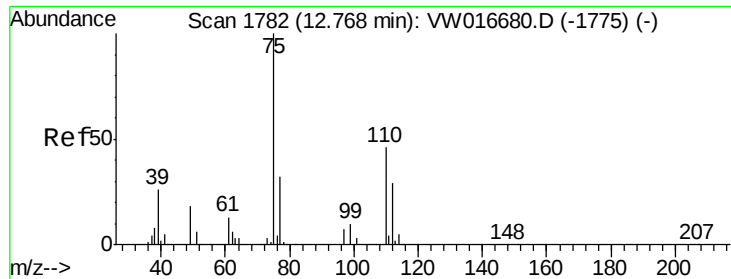
Tot Ion: 75 Resp: 5122
 Ion Ratio Lower Upper
 75 100
 77 40.0 22.2 41.2



#45
 trans-1,3-Dichloropropene
 Concen: 0.362 ug/L
 RT: 10.59 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: VW016693.D
 Acq: 29 Sep 2020 17:51

Tgt Ion: 75 Resp: 2993
 Ion Ratio Lower Upper
 75 100
 77 38.8 22.5 41.9





#59

1,2,3-Trichloropropane

Concen: 4.045 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016693.D

Acq: 29 Sep 2020 17:51

Instrument :

MSVOA_W

ClientSampleId :

C0AK6

Tot Ion: 75 Resp: 15780

Ion Ratio Lower Upper

75 100

77 38.8 26.2 39.4

