

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092920\
 Data File : VW016697.D
 Acq On : 29 Sep 2020 19:26
 Operator : SY/VA
 Sample : L4184-09
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AN1

Quant Time: Sep 30 07:18:00 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	597753	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	481873	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	192154	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	106447	18.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.60%
7) Chloroethane-d5	2.91	69	100790	21.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.36%
10) 1,1-Dichloroethene-d2	4.03	63	175138	13.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.16%
20) 2-Butanone-d5	7.09	46	67081	42.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.04%
24) Chloroform-d	7.66	84	294310	23.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.16%
26) 1,2-Dichloroethane-d4	8.31	65	146917	22.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.56%
29) Benzene-d6	8.28	84	561287	25.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.88%
33) 1,2-Dichloropropane-d6	9.28	67	163153	27.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.44%
37) Toluene-d8	10.33	98	508767	23.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.72%
38) trans-1,3-Dichloropropene-	10.58	79	55130	18.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.68%
39) 2-Hexanone-d5	10.93	63	51404	48.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.52%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	126370	25.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	170236	27.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.92%

Target Compounds

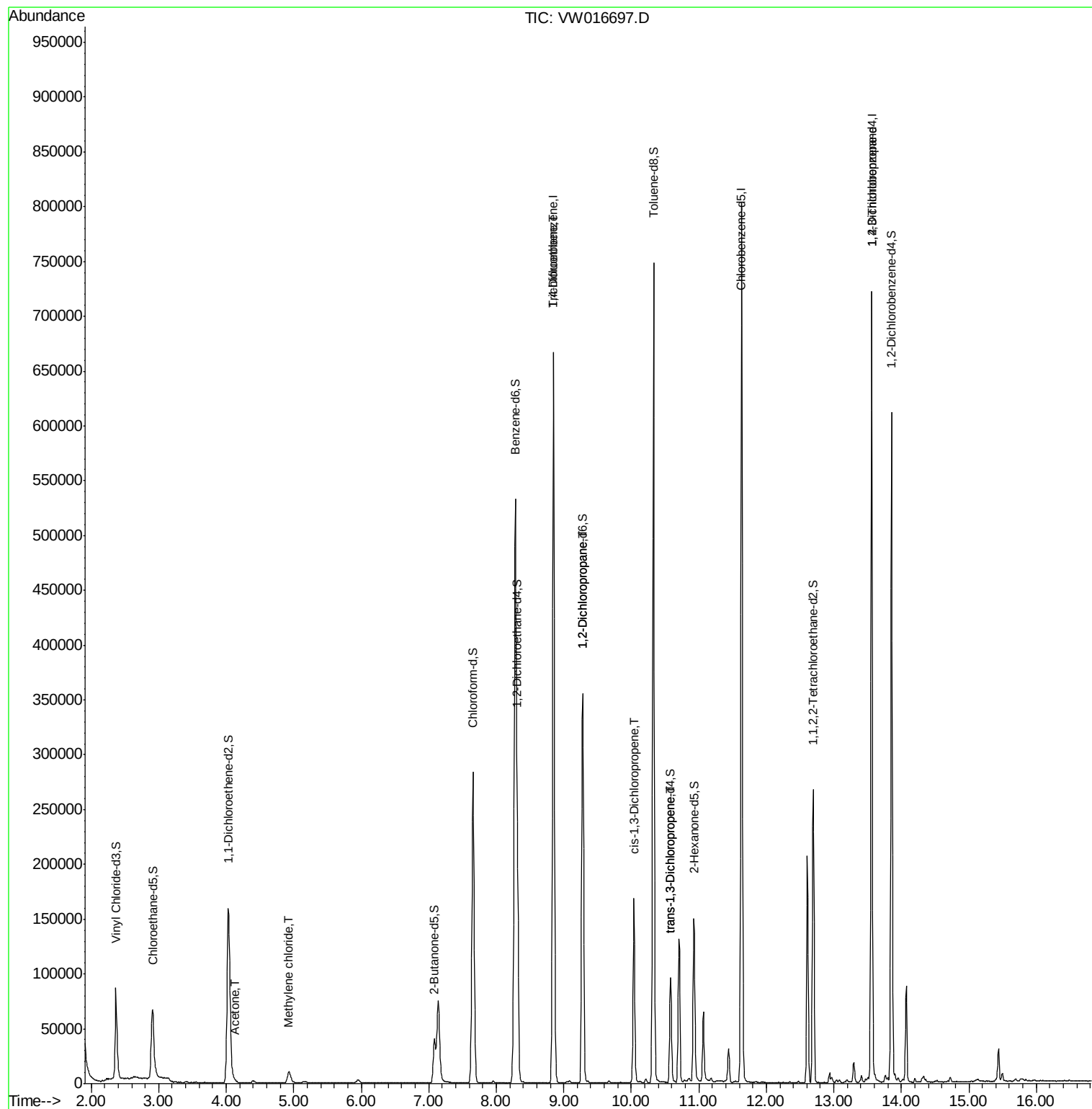
					Ovalue
13) Acetone	4.13	43	2263	1.831 ug/L	100
16) Methylene chloride	4.93	84	8709	0.945 ug/L	95
35) Trichloroethene	8.85	95	17272	2.311 ug/L #	2
40) 1,2-Dichloropropane	9.28	63	19117	3.182 ug/L #	83
42) cis-1,3-Dichloropropene	10.04	75	4820	0.470 ug/L #	80
45) trans-1,3-Dichloropropene	10.59	75	2573	0.288 ug/L	88
59) 1,2,3-Trichloropropane	13.56	75	20307	4.818 ug/L	90

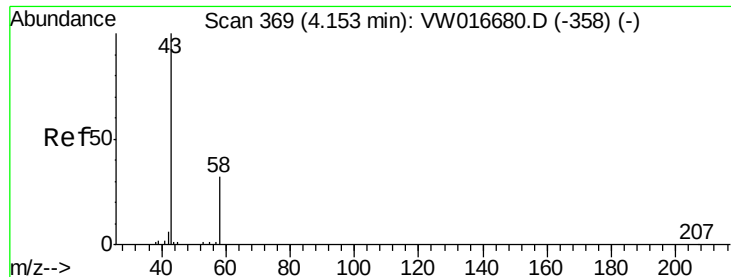
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.831 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW016697.D

Acq: 29 Sep 2020 19:26

Instrument :

MSVOA_W

ClientSampled :

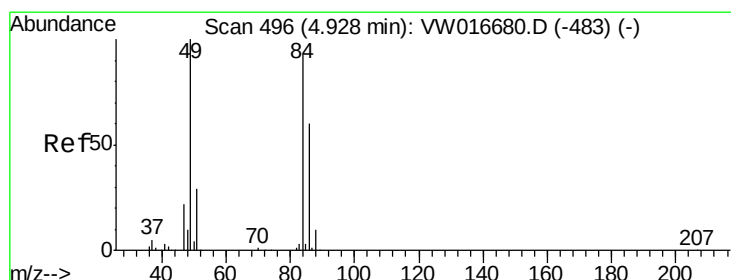
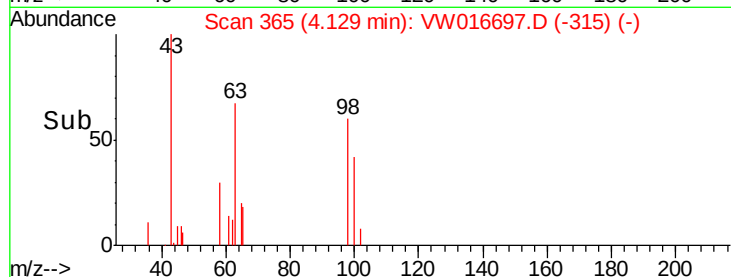
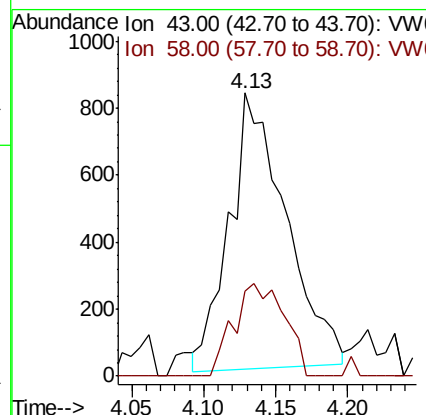
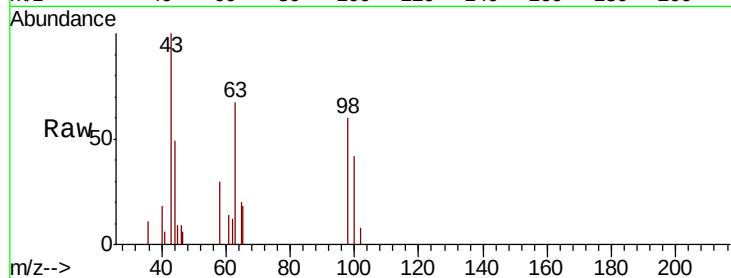
C0AN1

Tot Ion: 43 Resp: 2263

Ion Ratio Lower Upper

43 100

58 30.1 0.0 60.2



#16

Methylene chloride

Concen: 0.945 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

Lab File: VW016697.D

Acq: 29 Sep 2020 19:26

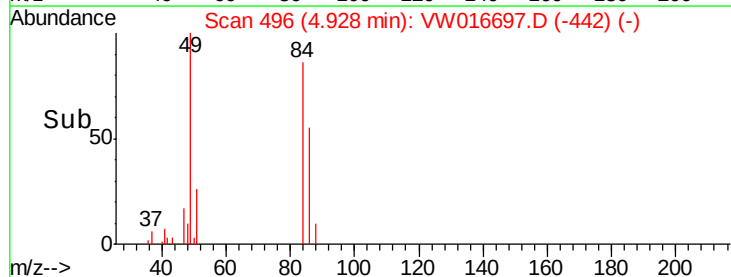
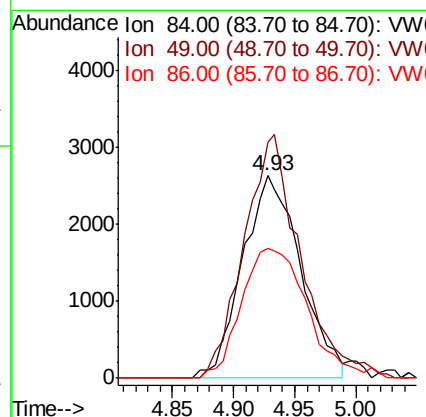
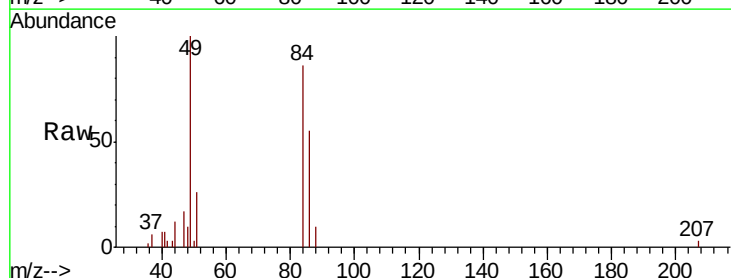
Tgt Ion: 84 Resp: 8709

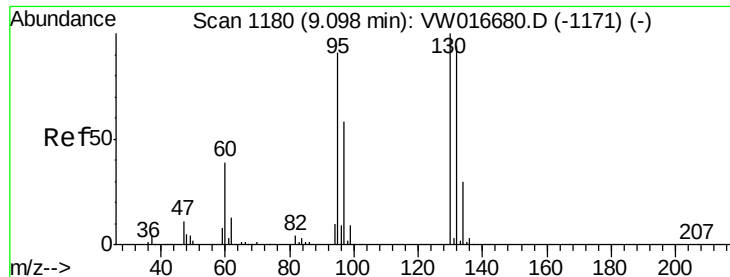
Ion Ratio Lower Upper

84 100

49 116.5 76.0 141.2

86 64.0 45.6 84.6





#35

Trichloroethene

Concen: 2.311 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

Lab File: VW016697.D

Acq: 29 Sep 2020 19:26

Instrument :

MSVOA_W

ClientSampleId :

C0AN1

Tot Ion: 95 Resp: 17272

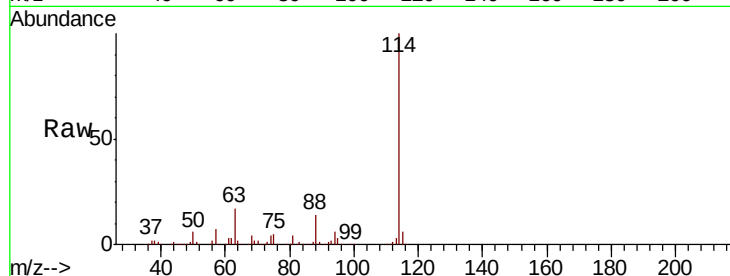
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 73.3 136.1#

130 0.0 77.5 143.9#

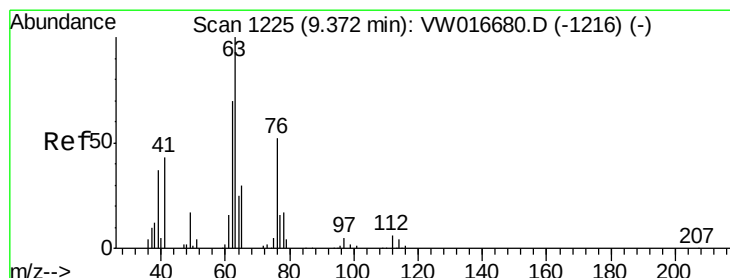
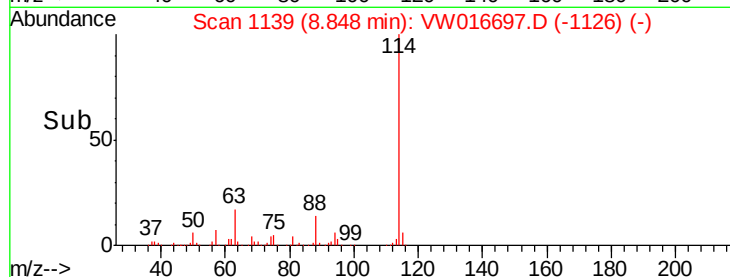
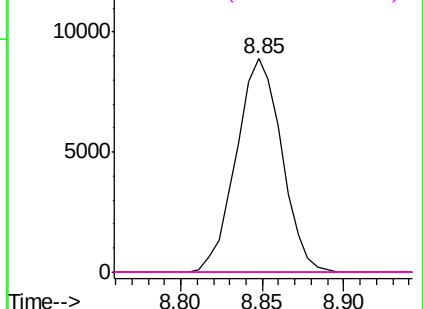


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#40

1,2-Dichloropropane

Concen: 3.182 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW016697.D

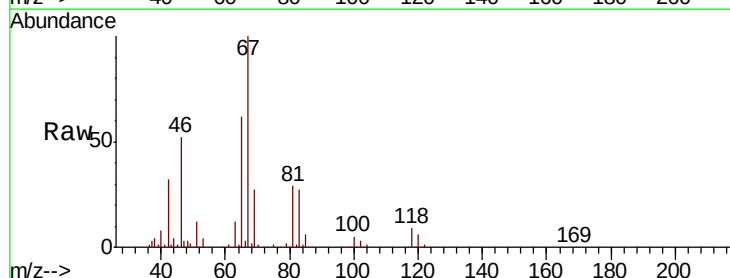
Acq: 29 Sep 2020 19:26

Tgt Ion: 63 Resp: 19117

Ion Ratio Lower Upper

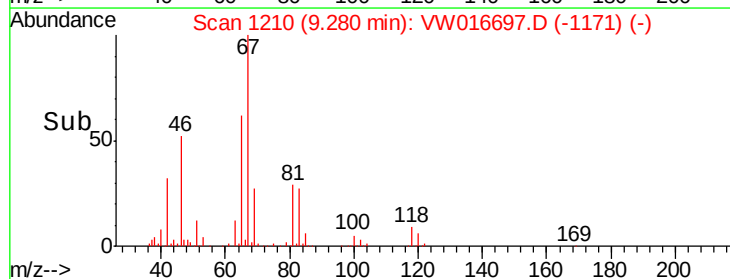
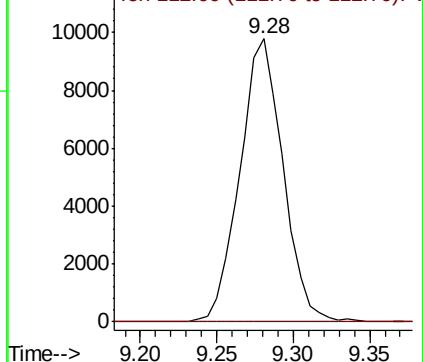
63 100

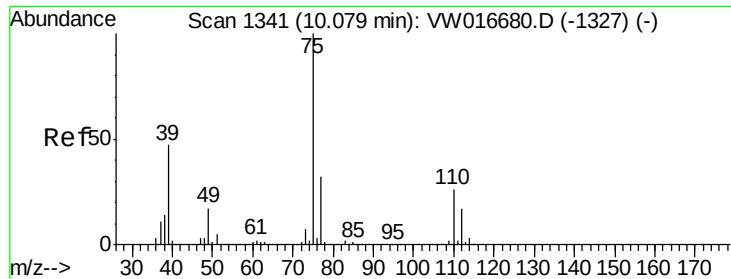
112 0.0 4.5 6.7#



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: 0.470 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.04 min

Lab File: VW016697.D

Acq: 29 Sep 2020 19:26

Instrument :

MSVOA_W

ClientSampleId :

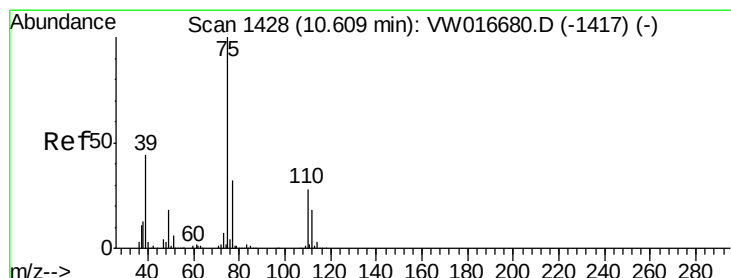
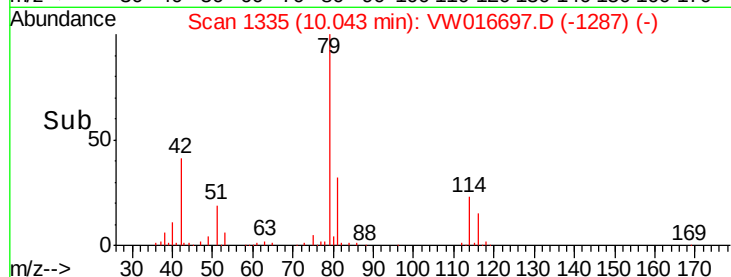
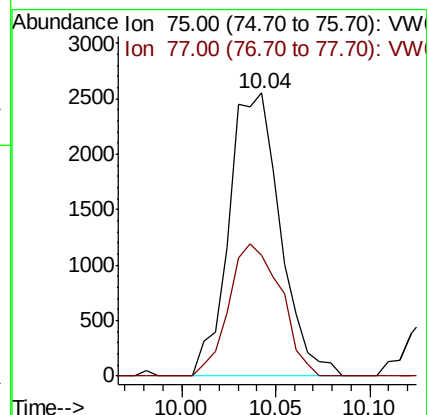
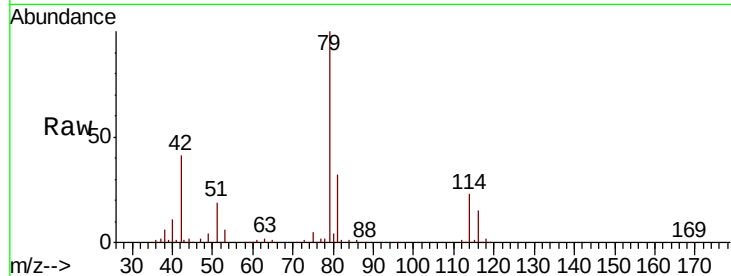
C0AN1

Tot Ion: 75 Resp: 4820

Ion Ratio Lower Upper

75 100

77 42.8 22.2 41.2#



#45

trans-1,3-Dichloropropene

Concen: 0.288 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016697.D

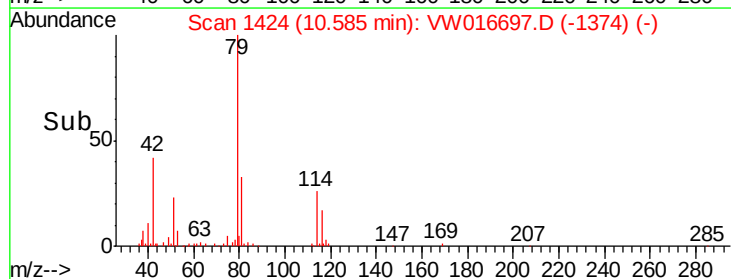
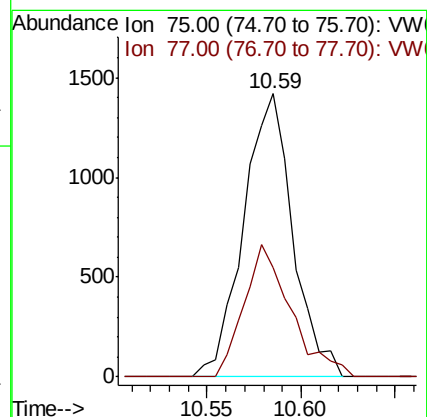
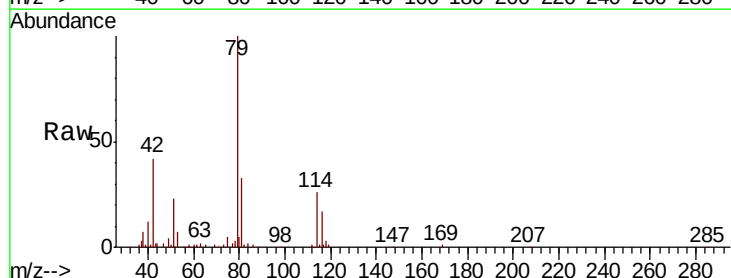
Acq: 29 Sep 2020 19:26

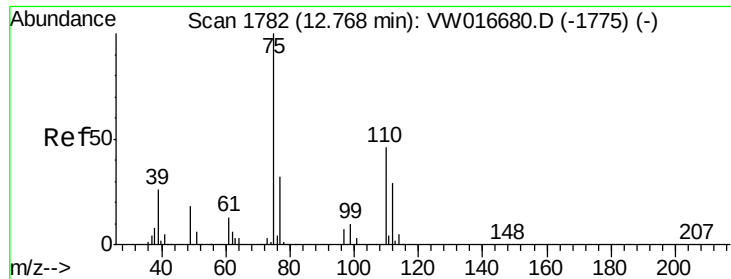
Tgt Ion: 75 Resp: 2573

Ion Ratio Lower Upper

75 100

77 38.8 22.5 41.9





#59

1,2,3-Trichloropropane

Concen: 4.818 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016697.D

Acq: 29 Sep 2020 19:26

Instrument :

MSVOA_W

ClientSampleId :

C0AN1

Tot Ion: 75 Resp: 20307

Ion Ratio Lower Upper

75 100

77 38.4 26.2 39.4

