

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092420\
 Data File : VW016624.D
 Acq On : 23 Sep 2020 12:13
 Operator : SY/VA
 Sample : L4110-07
 Misc : 5.06G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AL2

Quant Time: Sep 24 04:41:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 24 04:34:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	638335	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	537962	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	241824	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	128901	20.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.44%
7) Chloroethane-d5	2.91	69	110798	21.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.84%
10) 1,1-Dichloroethene-d2	4.03	63	206833	14.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.88%
20) 2-Butanone-d5	7.09	46	62497	37.10	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.20%
24) Chloroform-d	7.65	84	283850	21.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.04%
26) 1,2-Dichloroethane-d4	8.31	65	150386	21.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.76%
29) Benzene-d6	8.28	84	549428	22.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.08%
33) 1,2-Dichloropropane-d6	9.27	67	151911	23.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.92%
37) Toluene-d8	10.33	98	517253	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.16%
38) trans-1,3-Dichloropropene-	10.58	79	68730	20.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.40%
39) 2-Hexanone-d5	10.93	63	50705	42.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.28%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	117229	21.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	169139	21.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.56%

Target Compounds

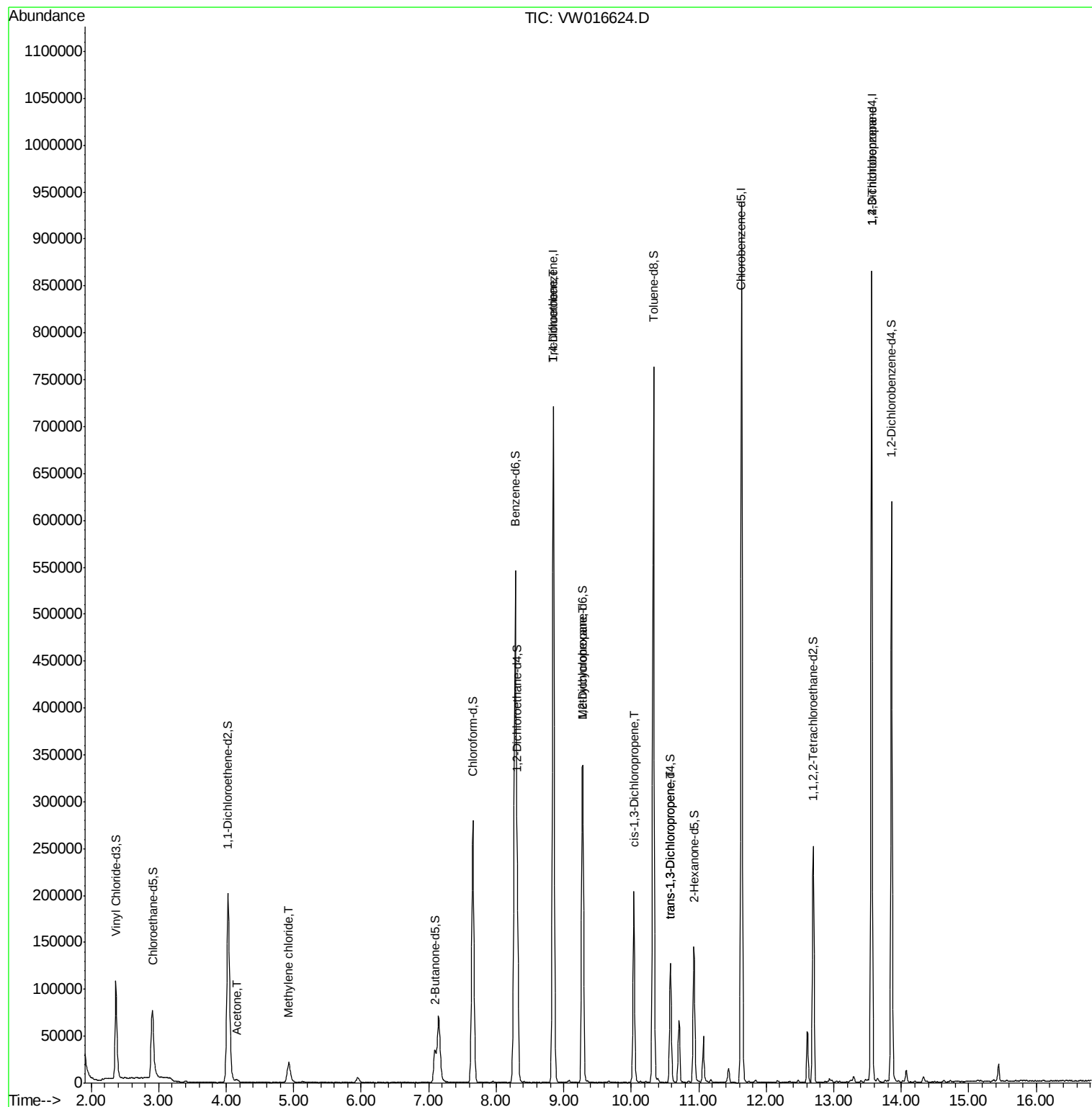
					Ovalue
13) Acetone	4.15	43	6125	4.642 ug/L	54
16) Methylene chloride	4.93	84	18587	1.888 ug/L	90
35) Trichloroethene	8.85	95	18783	2.252 ug/L #	2
36) Methylcyclohexane	9.28	83	40883	2.889 ug/L #	20
42) cis-1,3-Dichloropropene	10.04	75	5849	0.511 ug/L #	66
45) trans-1,3-Dichloropropene	10.58	75	3472	0.348 ug/L	100
59) 1,2,3-Trichloropropane	13.56	75	25618	5.444 ug/L	90

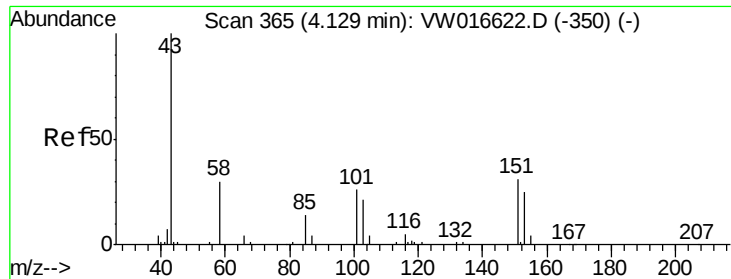
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Sep 24 04:34:20 2020
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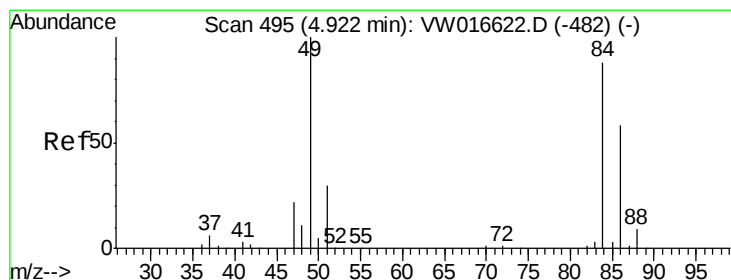
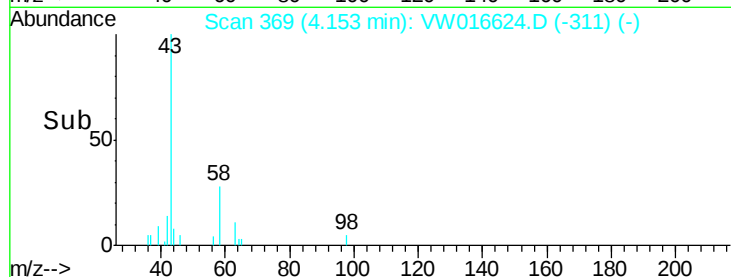
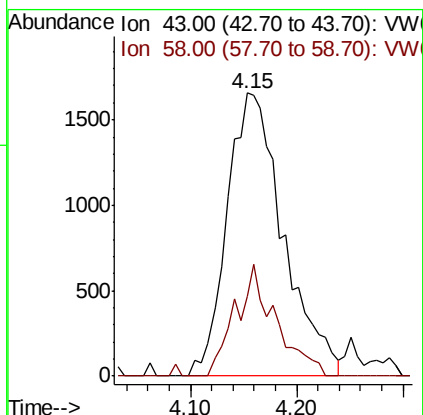
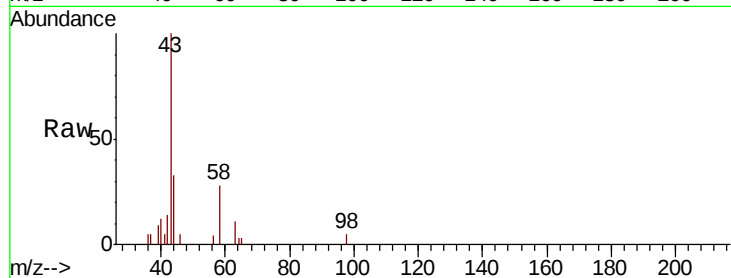




#13
Acetone
Concen: 4.642 ug/L
RT: 4.15 min Scan# 369
Delta R.T. 0.02 min
Lab File: VW016624.D
Acq: 23 Sep 2020 12:13

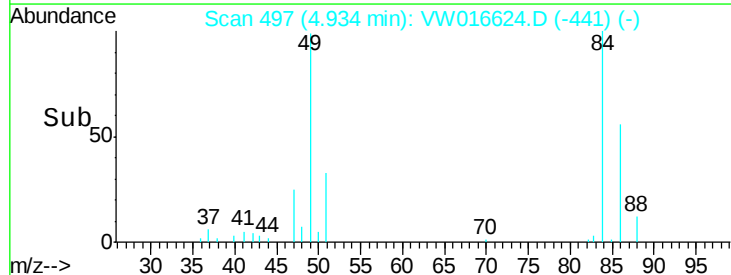
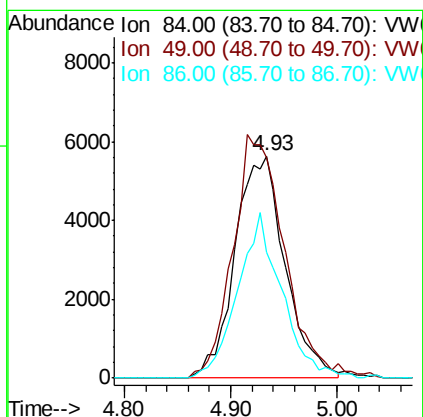
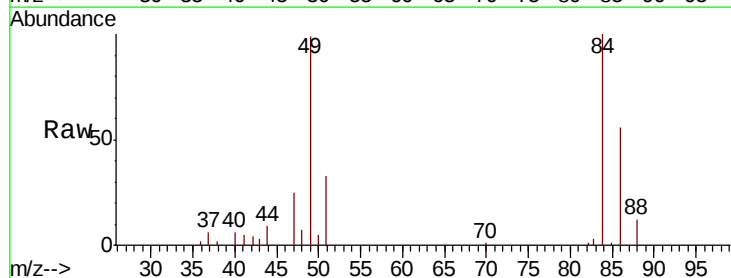
Instrument :
MSVOA_W
ClientSampled :
C0AL2

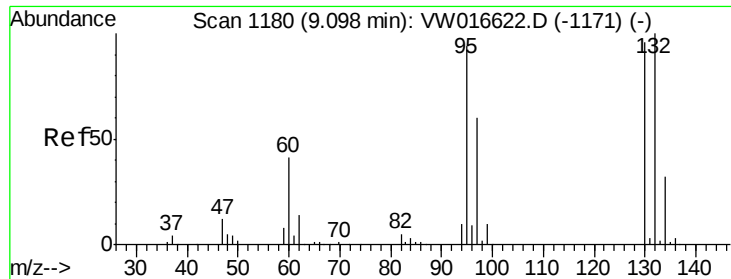
Tot Ion: 43 Resp: 6125
Ion Ratio Lower Upper
43 100
58 5.3 0.0 60.2



#16
Methylene chloride
Concen: 1.888 ug/L
RT: 4.93 min Scan# 497
Delta R.T. 0.01 min
Lab File: VW016624.D
Acq: 23 Sep 2020 12:13

Tgt Ion: 84 Resp: 18587
Ion Ratio Lower Upper
84 100
49 99.4 76.0 141.2
86 56.5 45.6 84.6





#35

Trichloroethene

Concen: 2.252 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

Lab File: VW016624.D

Acq: 23 Sep 2020 12:13

Instrument :

MSVOA_W

ClientSampleId :

C0AL2

Tot Ion: 95 Resp: 18783

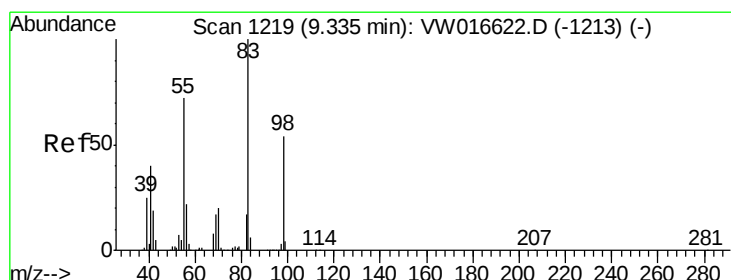
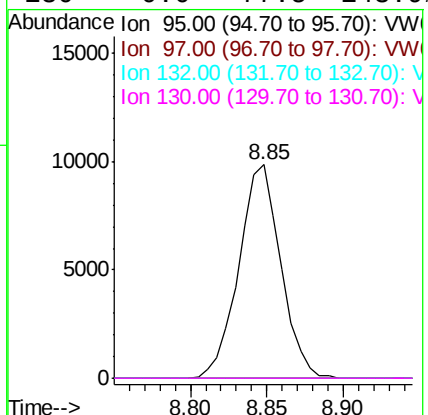
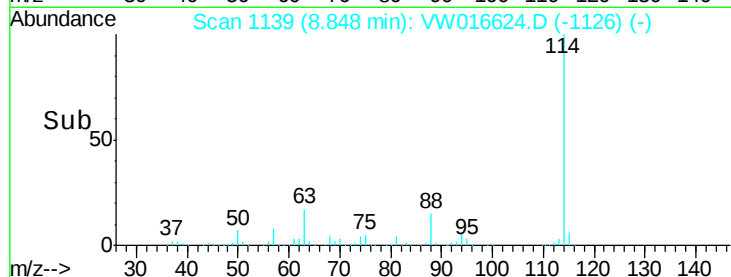
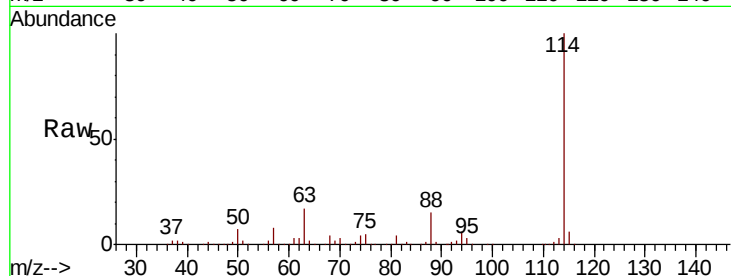
Ion Ratio Lower Upper

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: 2.889 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.05 min

Lab File: VW016624.D

Acq: 23 Sep 2020 12:13

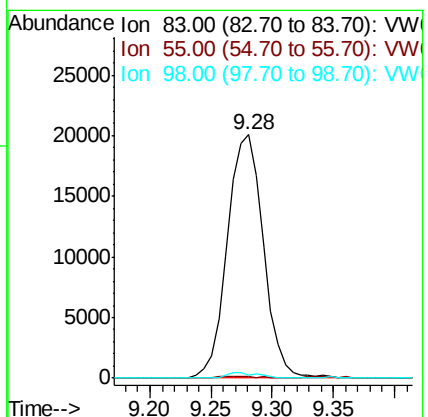
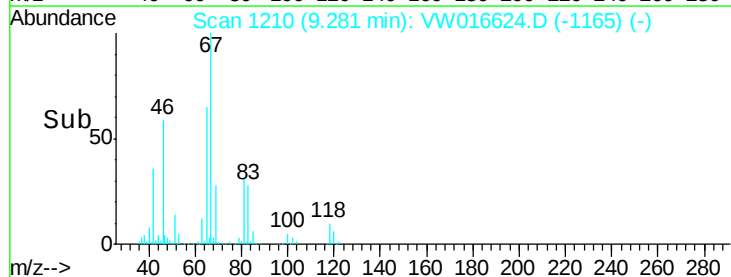
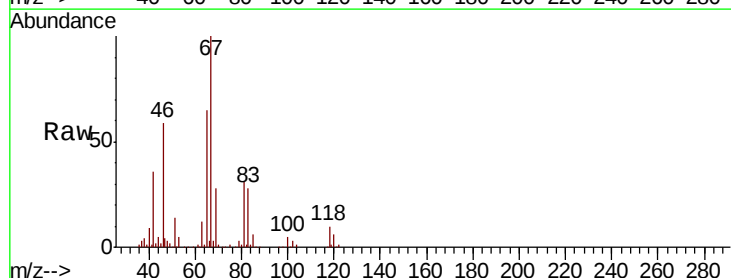
Tgt Ion: 83 Resp: 40883

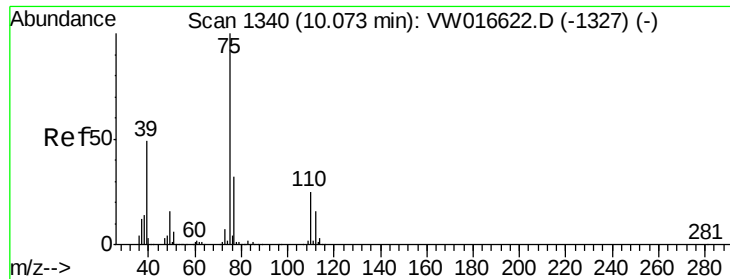
Ion Ratio Lower Upper

83 100

55 0.4 55.9 83.9#

98 1.3 42.1 63.1#





#42

cis-1,3-Dichloropropene

Concen: 0.511 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016624.D

Acq: 23 Sep 2020 12:13

Instrument :

MSVOA_W

ClientSampled :

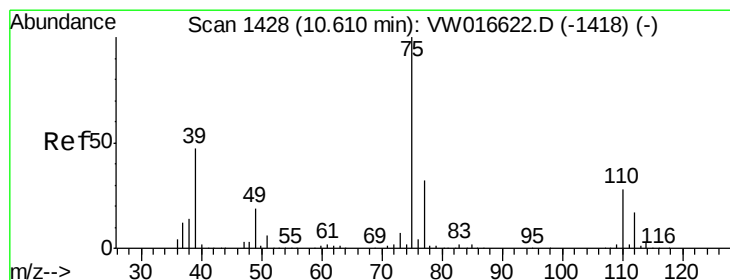
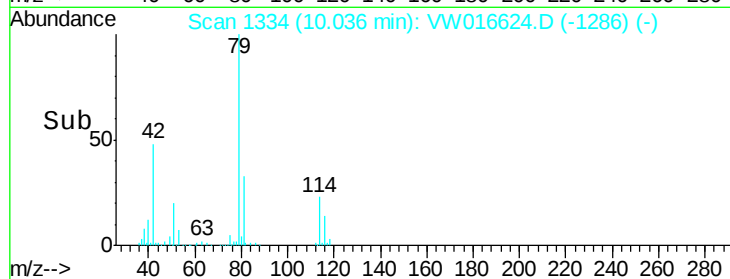
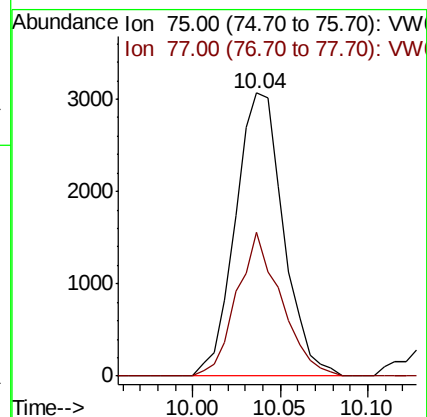
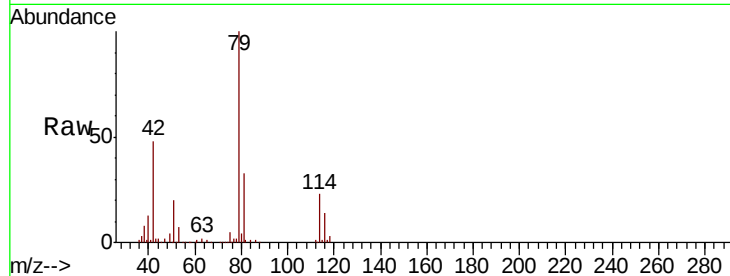
C0AL2

Tot Ion: 75 Resp: 5849

Ion Ratio Lower Upper

75 100

77 50.6 22.2 41.2#



#45

trans-1,3-Dichloropropene

Concen: 0.348 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016624.D

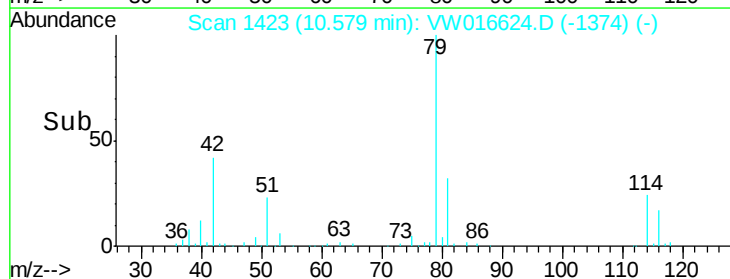
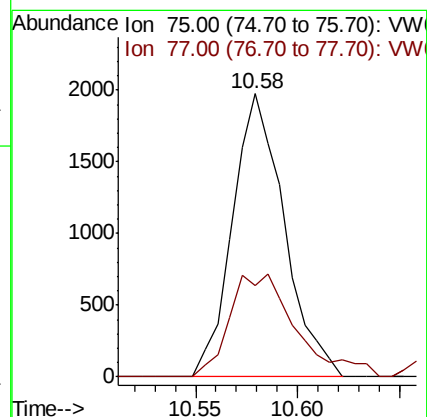
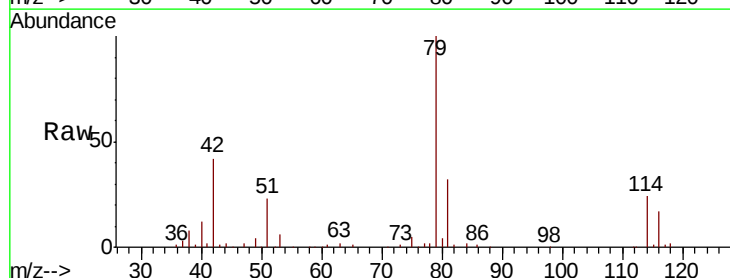
Acq: 23 Sep 2020 12:13

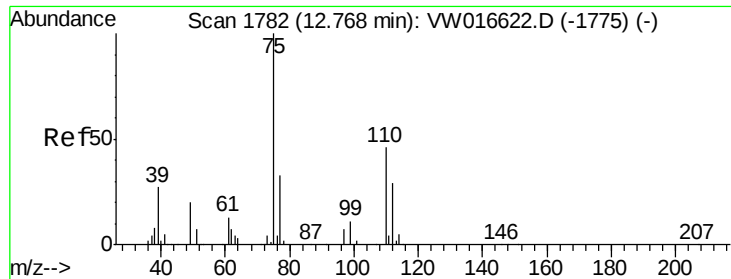
Tgt Ion: 75 Resp: 3472

Ion Ratio Lower Upper

75 100

77 32.4 22.5 41.9





#59

1,2,3-Trichloropropane

Concen: 5.444 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016624.D

Acq: 23 Sep 2020 12:13

Instrument :

MSVOA_W

ClientSampleId :

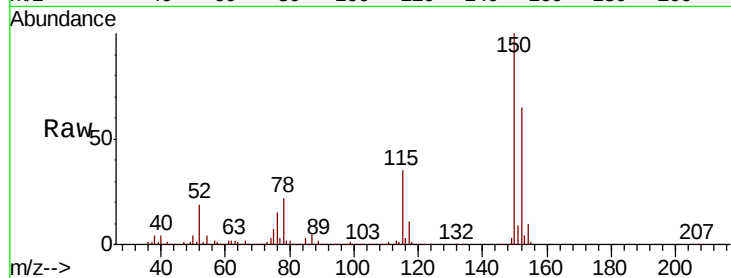
C0AL2

Tot Ion: 75 Resp: 25618

Ion Ratio Lower Upper

75 100

77 38.7 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

