

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092420\
 Data File : VW016625.D
 Acq On : 23 Sep 2020 12:37
 Operator : SY/VA
 Sample : L4110-08
 Misc : 5.45G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AL3

Quant Time: Sep 24 04:41:41 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	715089	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	611031	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	275359	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	160718	23.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.88%
7) Chloroethane-d5	2.90	69	138305	24.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.88%
10) 1,1-Dichloroethene-d2	4.03	63	256909	16.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.40%
20) 2-Butanone-d5	7.09	46	61386	32.53	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.06%
24) Chloroform-d	7.66	84	346127	23.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.56%
26) 1,2-Dichloroethane-d4	8.31	65	173871	22.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.56%
29) Benzene-d6	8.28	84	688714	25.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.52%
33) 1,2-Dichloropropane-d6	9.28	67	186566	25.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.48%
37) Toluene-d8	10.33	98	661256	24.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.12%
38) trans-1,3-Dichloropropene-	10.58	79	80162	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.64%
39) 2-Hexanone-d5	10.93	63	50685	37.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125605	19.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	206360	23.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.80%

Target Compounds

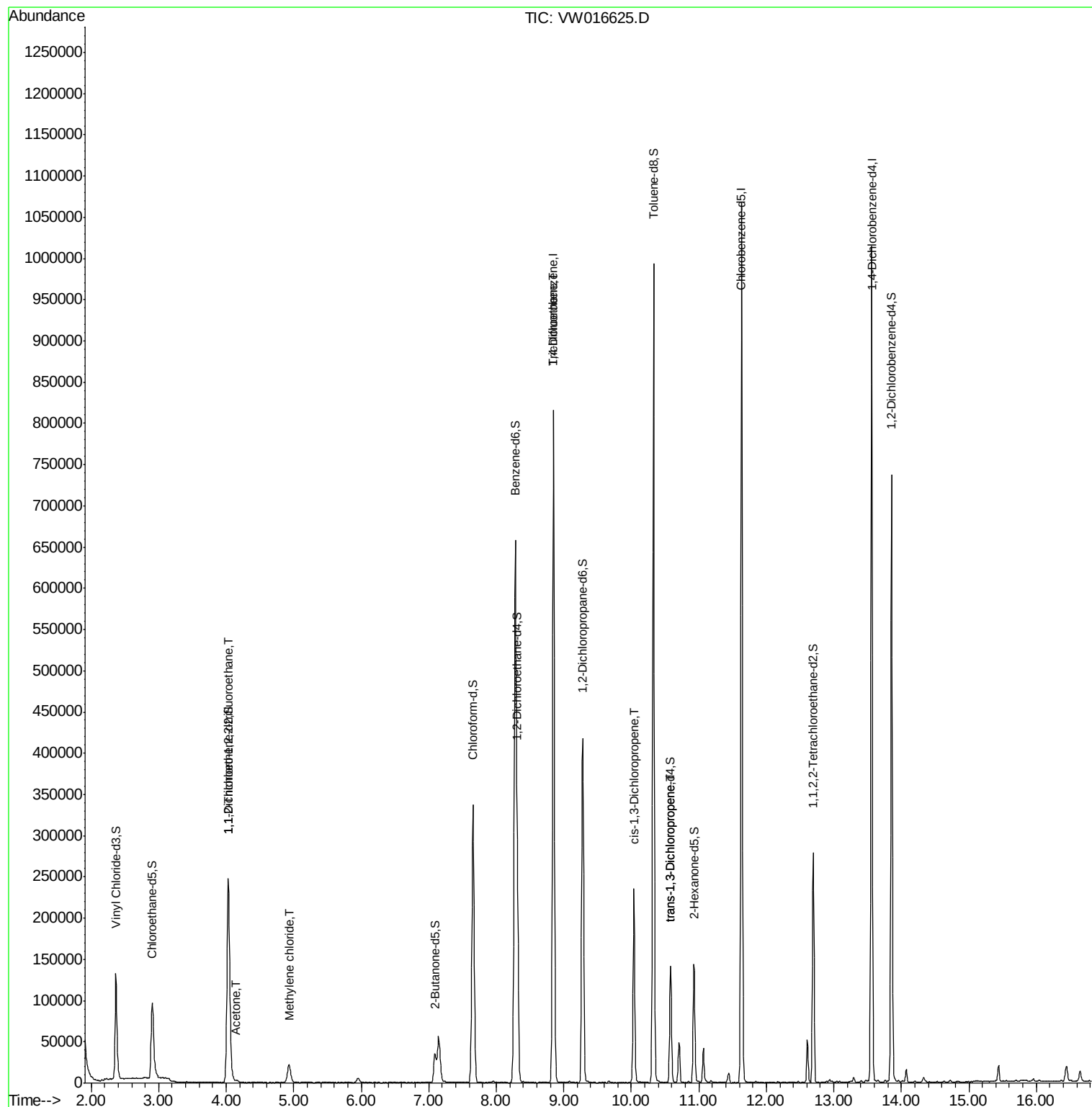
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	2686	0.292 ug/L #	17
13) Acetone	4.15	43	1557	1.053 ug/L #	22
16) Methylene chloride	4.93	84	19740	1.790 ug/L	93
35) Trichloroethene	8.85	95	21241	2.242 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	6664	0.512 ug/L #	70
45) trans-1,3-Dichloropropene	10.58	75	4101	0.362 ug/L	88

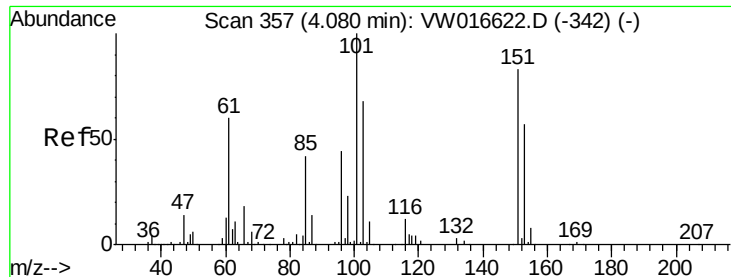
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Sep 24 04:34:20 2020
Response via : Initial Calibration





#11

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

Concen: 0.292 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.05 min

Lab File: VW016625.D

Acq: 23 Sep 2020 12:37

Instrument :

MSVOA_W

ClientSampleId :

C0AL3

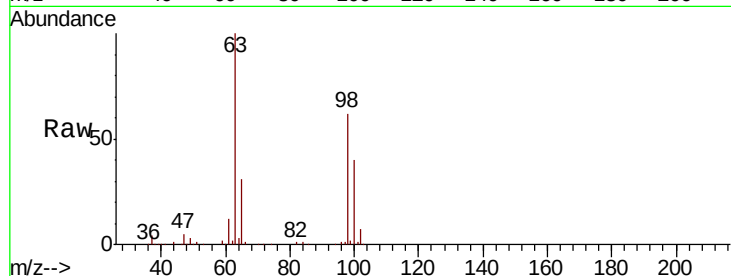
Tot Ion:101 Resp: 2686

Ion Ratio Lower Upper

101 100

85 0.0 32.6 49.0#

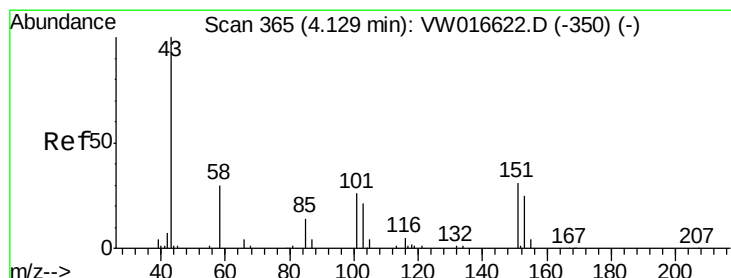
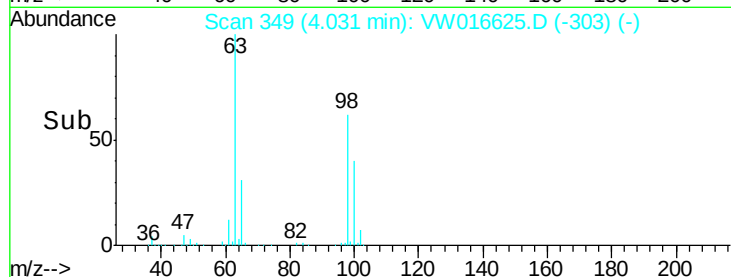
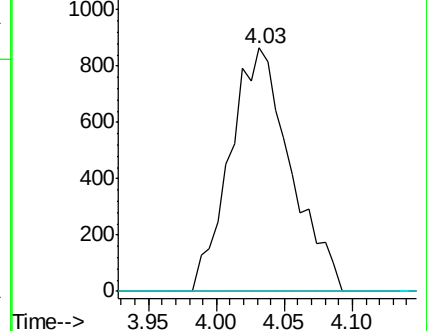
151 0.0 66.0 99.0#



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



#13

Acetone

Concen: 1.053 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW016625.D

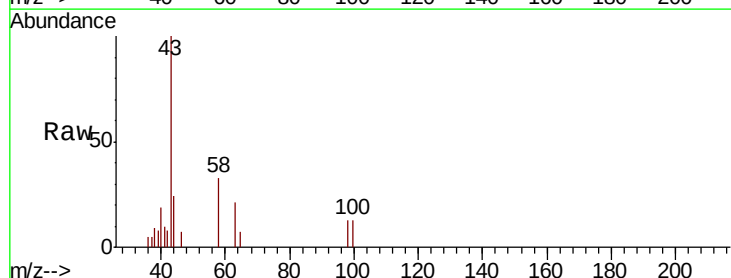
Acq: 23 Sep 2020 12:37

Tgt Ion: 43 Resp: 1557

Ion Ratio Lower Upper

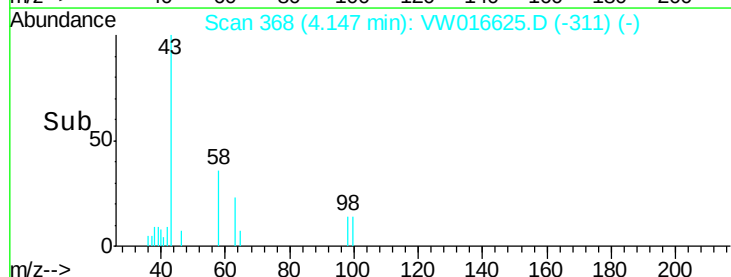
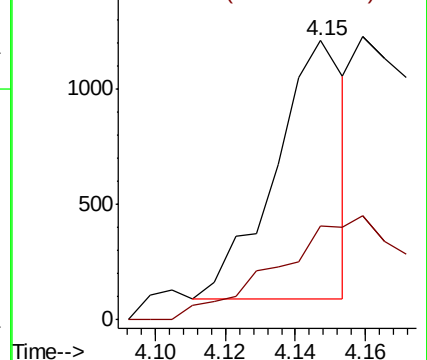
43 100

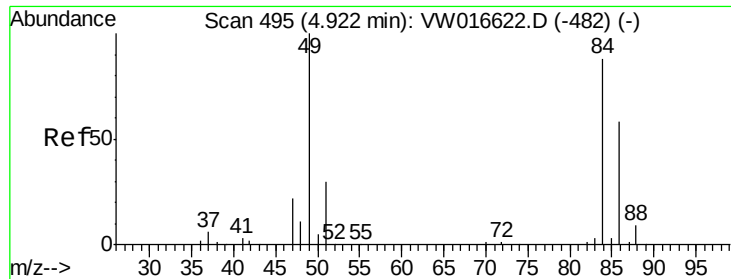
58 72.5 0.0 60.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

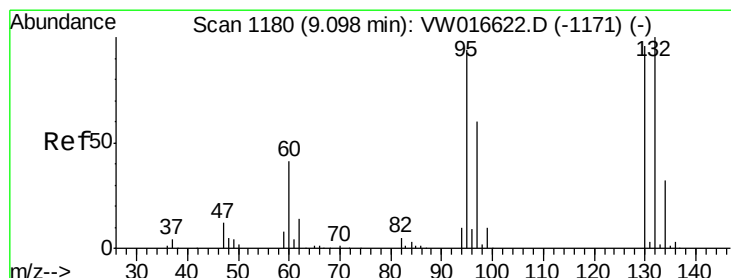
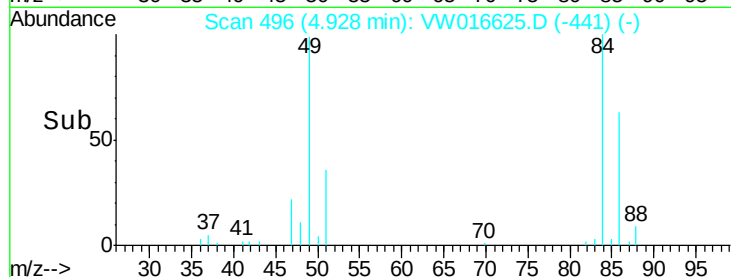
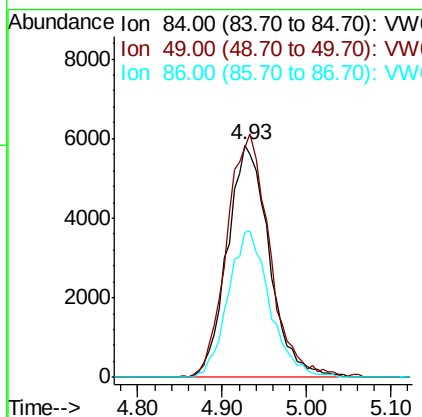
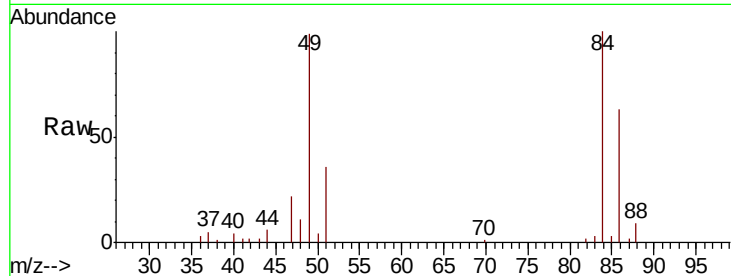




#16
Methylene chloride
Concen: 1.790 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW016625.D
Acq: 23 Sep 2020 12:37

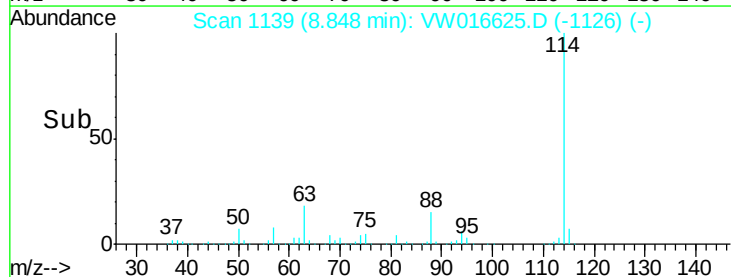
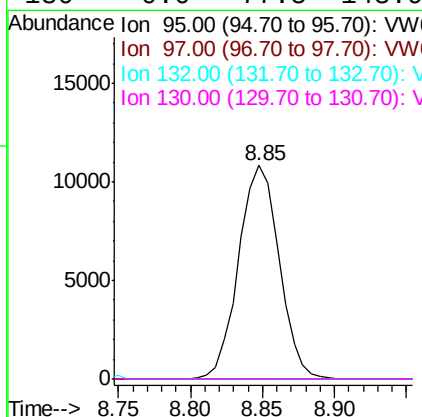
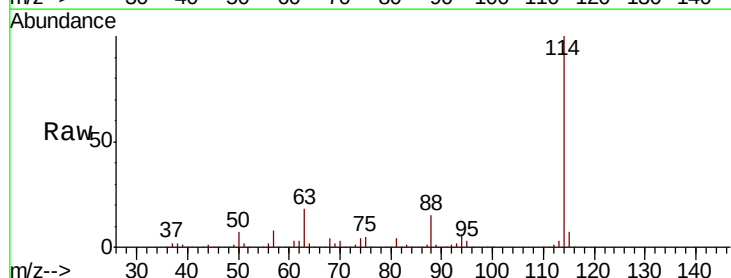
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C0AL3

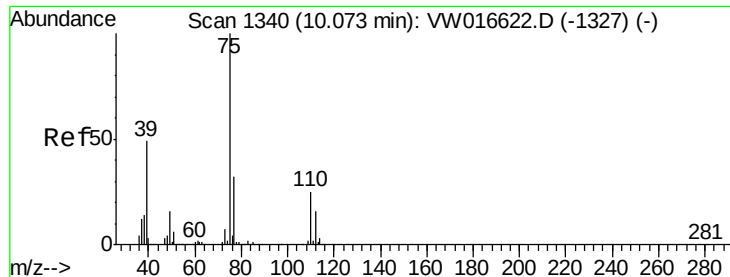
Tot Ion: 84 Resp: 19740
Ion Ratio Lower Upper
84 100
49 98.8 76.0 141.2
86 62.6 45.6 84.6



#35
Trichloroethene
Concen: 2.242 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.25 min
Lab File: VW016625.D
Acq: 23 Sep 2020 12:37

Tgt Ion: 95 Resp: 21241
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#





#42

cis-1,3-Dichloropropene

Concen: 0.512 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016625.D

Acq: 23 Sep 2020 12:37

Instrument :

MSVOA_W

ClientSampleId :

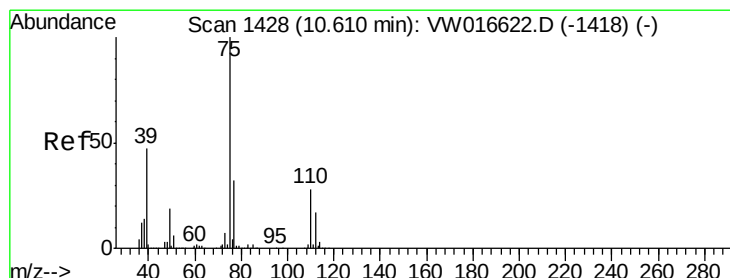
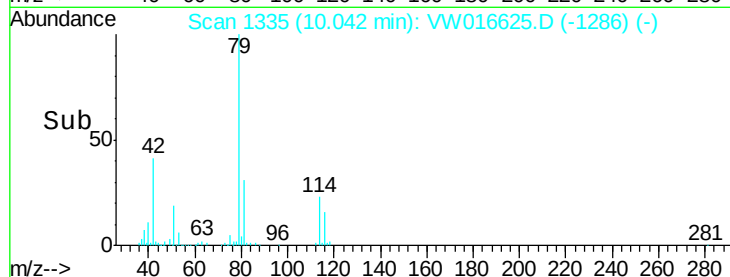
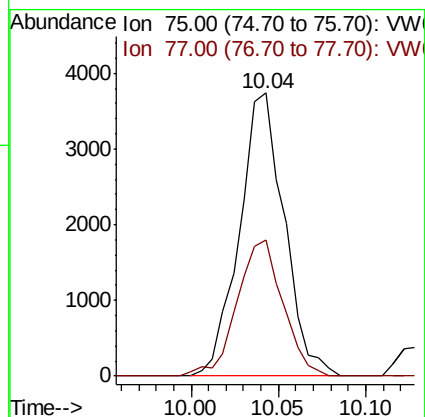
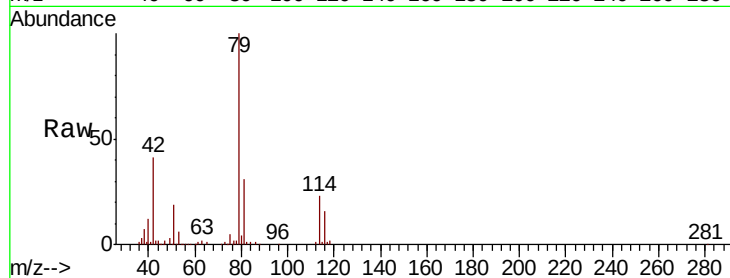
C0AL3

Tot Ion: 75 Resp: 6664

Ion Ratio Lower Upper

75 100

77 48.3 22.2 41.2#



#45

trans-1,3-Dichloropropene

Concen: 0.362 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016625.D

Acq: 23 Sep 2020 12:37

Tgt Ion: 75 Resp: 4101

Ion Ratio Lower Upper

75 100

77 39.1 22.5 41.9

