

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
 Data File : VW016607.D
 Acq On : 22 Sep 2020 13:55
 Operator : SY/VA
 Sample : L4110-03
 Misc : 5.69G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AL1

Quant Time: Sep 23 07:29:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 23 07:21:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	728089	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	635170	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	308123	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	190517	27.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.12%
7) Chloroethane-d5	2.91	69	161944	28.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.56%
10) 1,1-Dichloroethene-d2	4.03	63	300046	19.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.16%
20) 2-Butanone-d5	7.09	46	68876	35.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.70%
24) Chloroform-d	7.65	84	400910	26.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.28%
26) 1,2-Dichloroethane-d4	8.31	65	194613	24.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.56%
29) Benzene-d6	8.28	84	794741	27.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.60%
33) 1,2-Dichloropropane-d6	9.28	67	214777	27.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.28%
37) Toluene-d8	10.33	98	776806	27.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.88%
38) trans-1,3-Dichloropropene-	10.58	79	91373	23.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.92%
39) 2-Hexanone-d5	10.93	63	56696	40.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	142155	21.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	261597	26.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.28%

Target Compounds

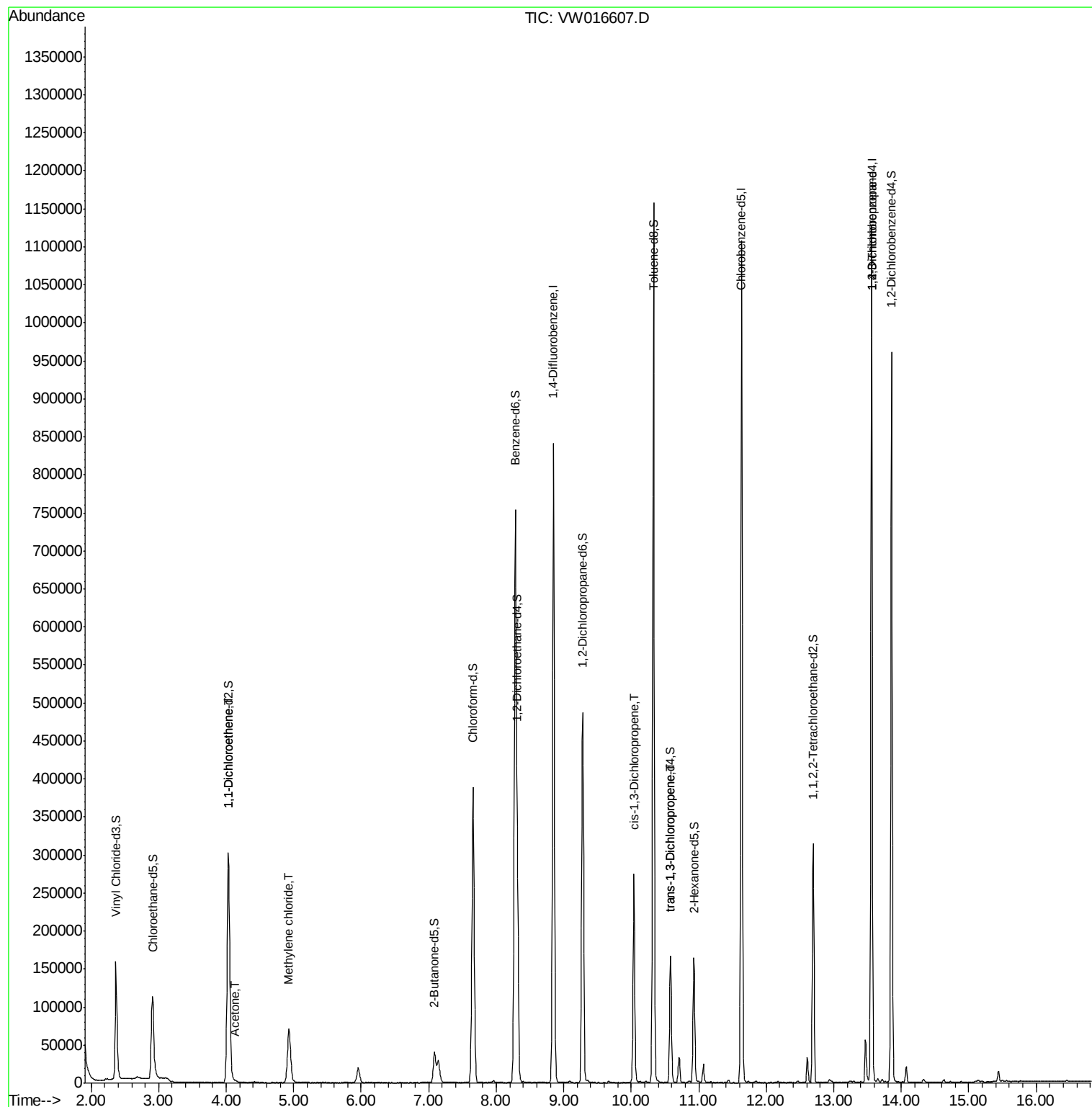
					Ovalue
12) 1,1-Dichloroethene	4.03	96	2603	0.282 ug/L #	1
13) Acetone	4.14	43	3513	2.334 ug/L	94
16) Methylene chloride	4.93	84	61062	5.438 ug/L	97
42) cis-1,3-Dichloropropene	10.04	75	7553	0.558 ug/L #	74
45) trans-1,3-Dichloropropene	10.58	75	4388	0.373 ug/L	97
59) 1,2,3-Trichloropropane	13.56	75	31883	5.738 ug/L	88

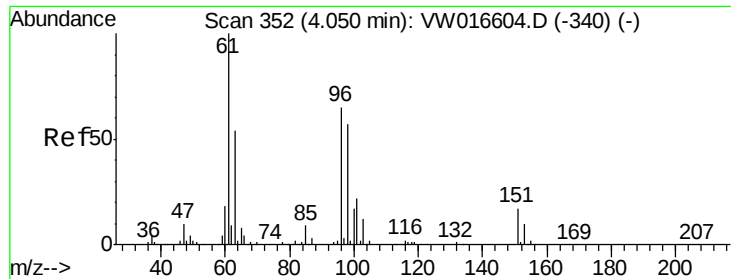
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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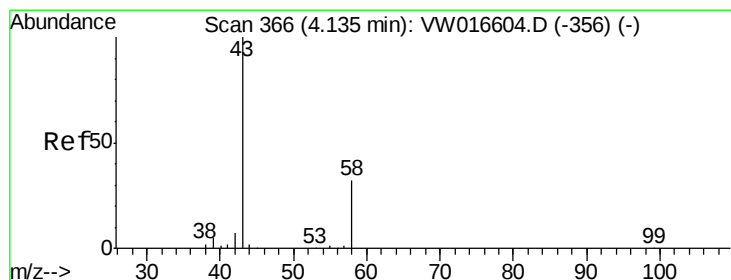
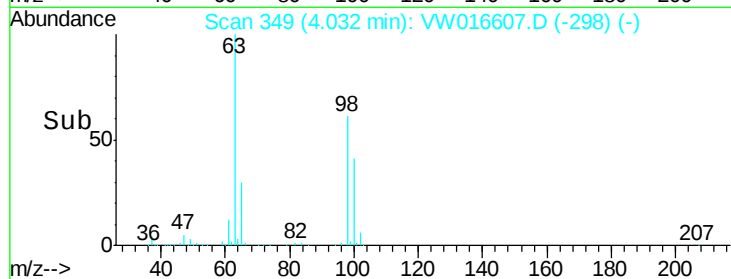
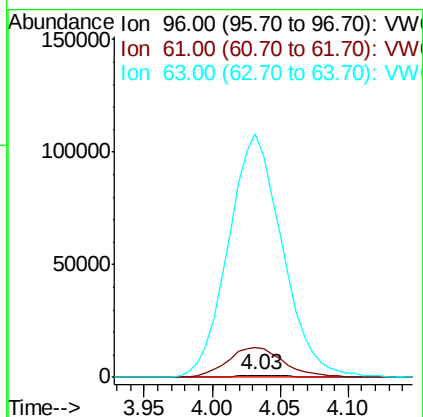
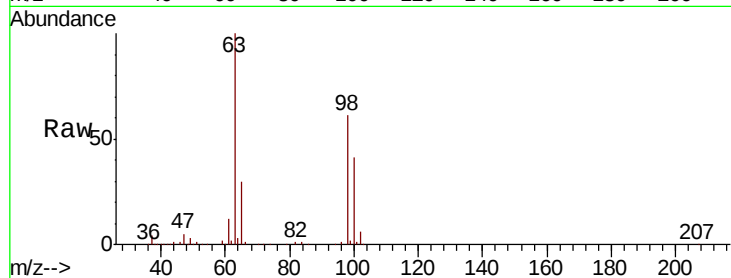




#12
 1,1-Dichloroethene
 Concen: 0.282 ug/L
 RT: 4.03 min Scan# 349
 Delta R.T. -0.02 min
 Lab File: VW016607.D
 Acq: 22 Sep 2020 13:55

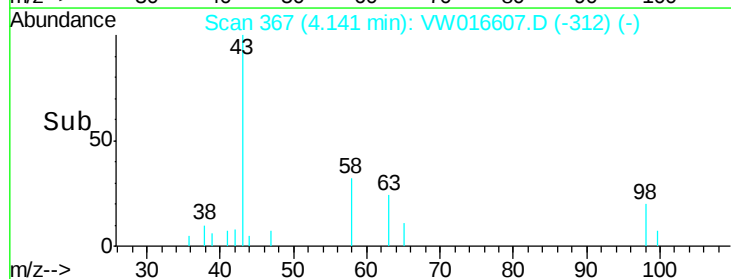
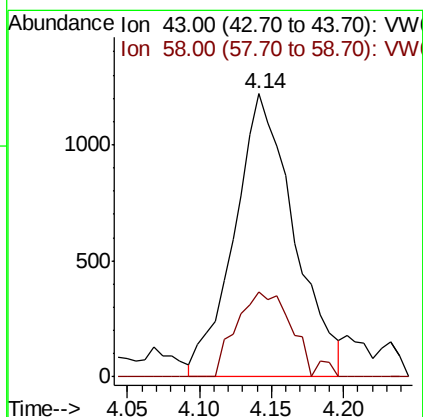
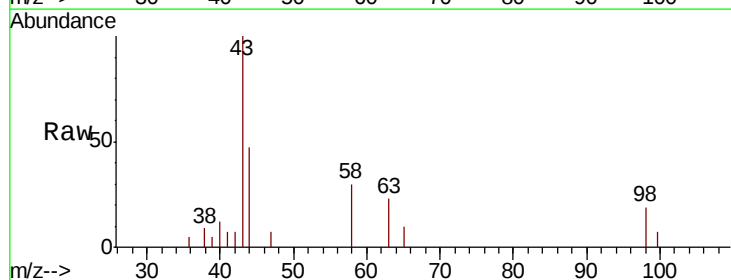
Instrument :
 MSVOA_W
 ClientSampleId :
 C0AL1

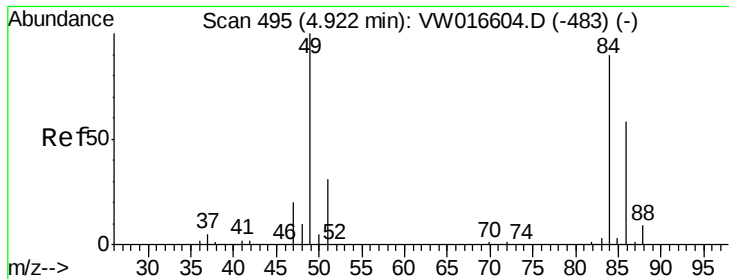
Tot Ion: 96 Resp: 2603
 Ion Ratio Lower Upper
 96 100
 61 1550.5 111.4 206.8#
 63 12415.2 73.0 135.6#



#13
 Acetone
 Concen: 2.334 ug/L
 RT: 4.14 min Scan# 367
 Delta R.T. 0.01 min
 Lab File: VW016607.D
 Acq: 22 Sep 2020 13:55

Tgt Ion: 43 Resp: 3513
 Ion Ratio Lower Upper
 43 100
 58 26.9 0.0 60.2

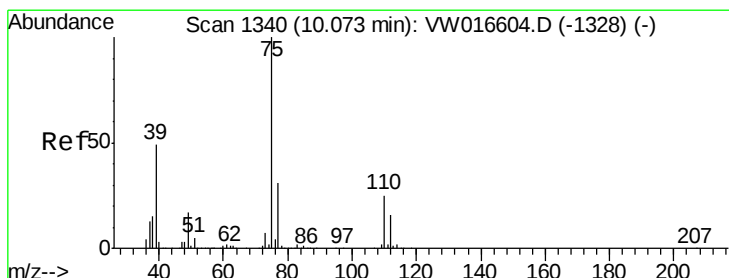
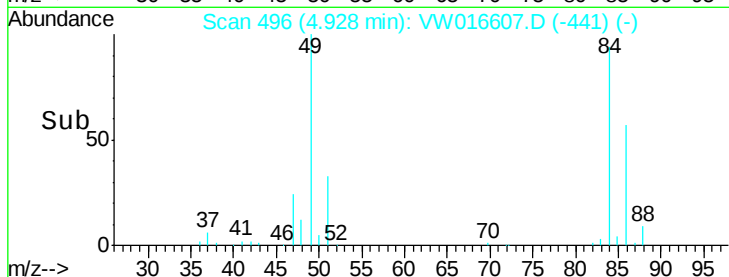
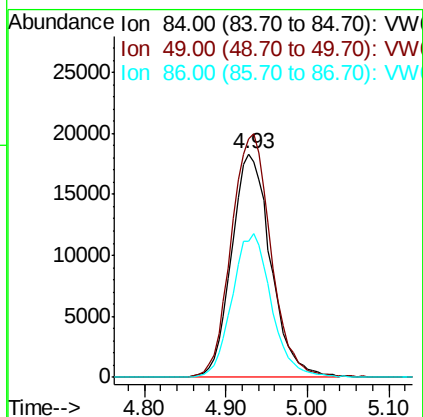
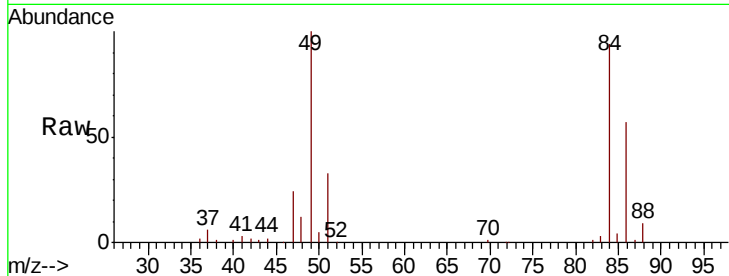




#16
Methylene chloride
Concen: 5.438 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW016607.D
Acq: 22 Sep 2020 13:55

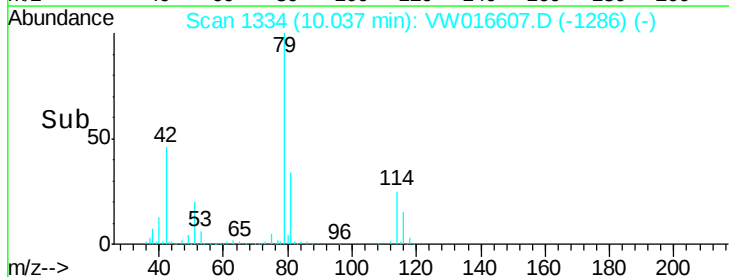
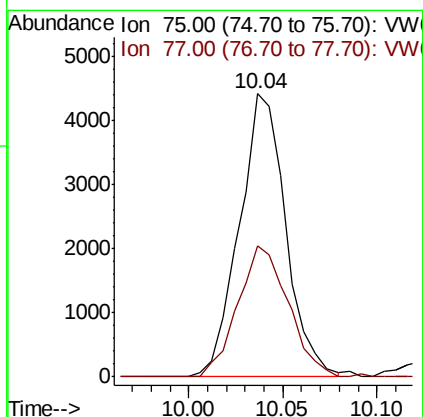
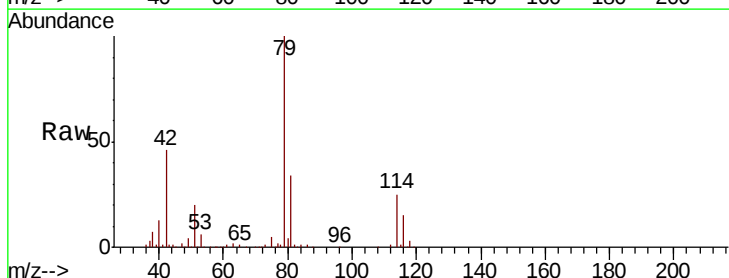
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ClientSampleID :
C0AL1

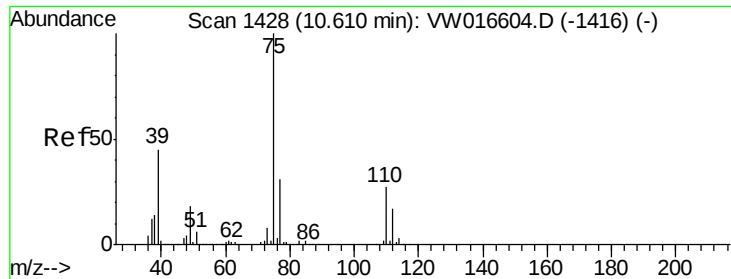
Tot Ion: 84 Resp: 61062
Ion Ratio Lower Upper
84 100
49 106.6 76.0 141.2
86 61.1 45.6 84.6



#42
cis-1,3-Dichloropropene
Concen: 0.558 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW016607.D
Acq: 22 Sep 2020 13:55

Tgt Ion: 75 Resp: 7553
Ion Ratio Lower Upper
75 100
77 46.3 22.2 41.2#





#45

trans-1,3-Dichloropropene

Concen: 0.373 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016607.D

Acq: 22 Sep 2020 13:55

Instrument :

MSVOA_W

ClientSampleId :

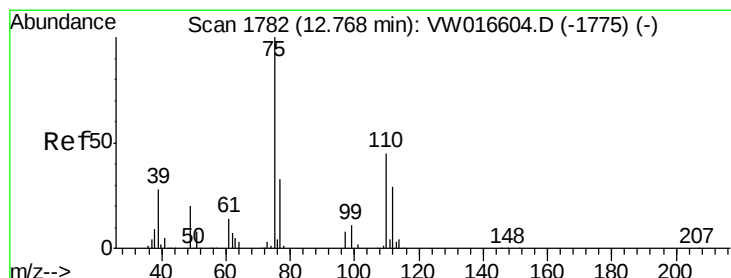
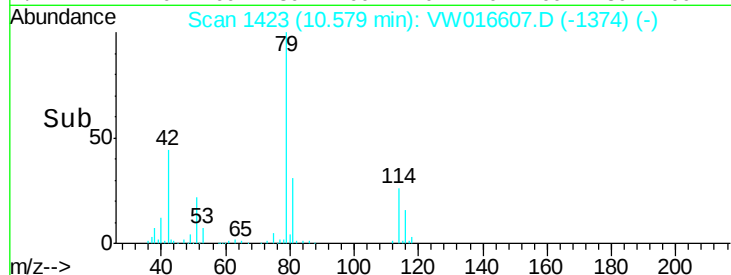
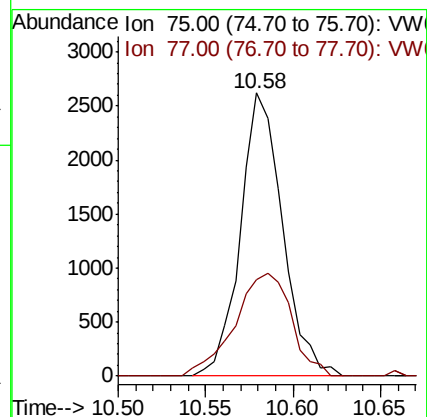
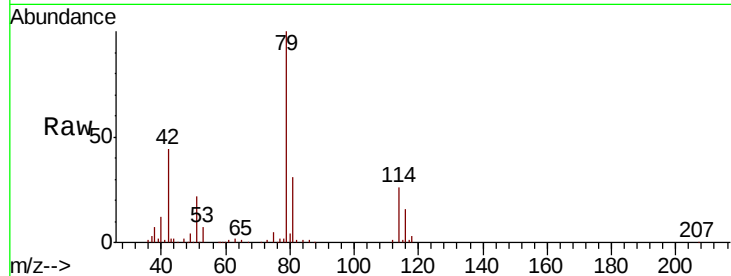
C0AL1

Tot Ion: 75 Resp: 4388

Ion Ratio Lower Upper

75 100

77 34.1 22.5 41.9



#59

1,2,3-Trichloropropane

Concen: 5.738 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016607.D

Acq: 22 Sep 2020 13:55

Tgt Ion: 75 Resp: 31883

Ion Ratio Lower Upper

75 100

77 39.3 26.2 39.4

