

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100220\
 Data File : VW016762.D
 Acq On : 02 Oct 2020 14:57
 Operator : SY/VA
 Sample : L4235-03
 Misc : 4.76G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 04:57:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 04:48:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	584128	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	467887	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	185837	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	102112	18.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.24%
7) Chloroethane-d5	2.91	69	100281	21.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.88%
10) 1,1-Dichloroethene-d2	4.03	63	171984	13.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.44%
20) 2-Butanone-d5	7.09	46	63742	41.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.70%
24) Chloroform-d	7.65	84	294433	24.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	8.31	65	146781	23.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.60%
29) Benzene-d6	8.28	84	549005	26.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.64%
33) 1,2-Dichloropropane-d6	9.28	67	162174	28.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.08%
37) Toluene-d8	10.33	98	489463	23.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.84%
38) trans-1,3-Dichloropropene-	10.58	79	57914	20.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.80%
39) 2-Hexanone-d5	10.93	63	50775	49.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.18%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	122007	25.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	150999	25.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.72%

Target Compounds

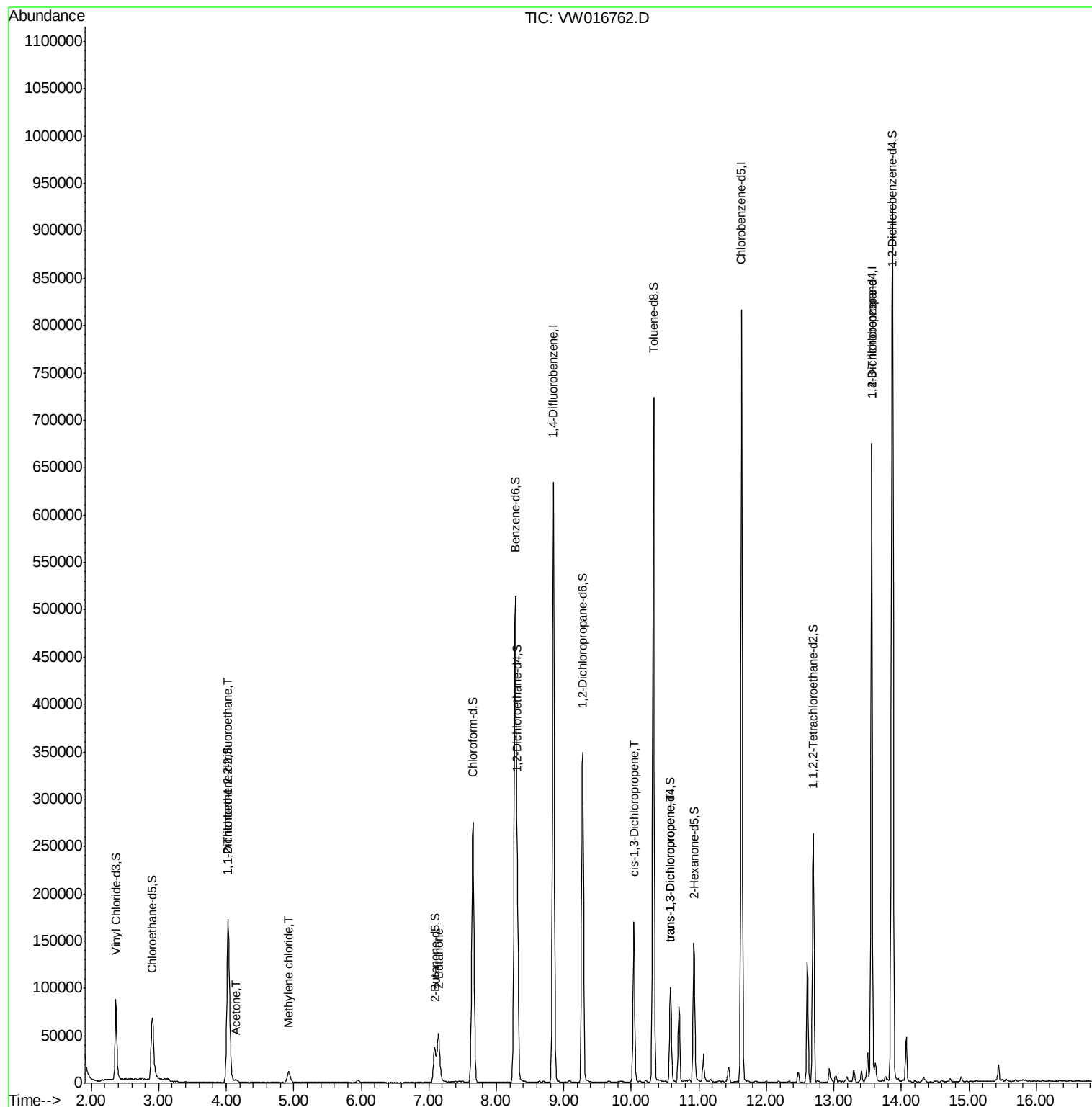
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	1916	0.255 ug/L #	17
13) Acetone	4.14	43	4086	3.384 ug/L	98
16) Methylene chloride	4.92	84	9757	1.083 ug/L	89
21) 2-Butanone	7.15	43	1760	0.857 ug/L #	65
42) cis-1,3-Dichloropropene	10.04	75	4748	0.477 ug/L #	71
45) trans-1,3-Dichloropropene	10.59	75	2530	0.292 ug/L #	78
59) 1,2,3-Trichloropropane	13.56	75	18686	4.566 ug/L	91

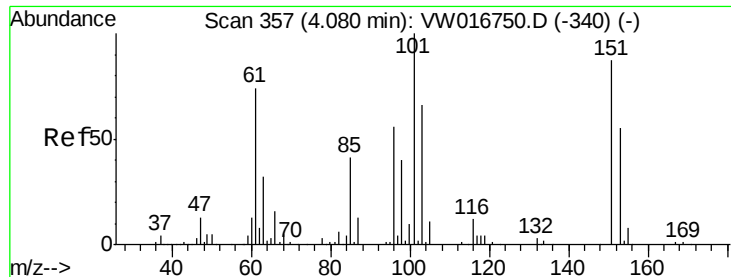
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 03 04:48:41 2020
Response via : Initial Calibration





#11

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

Concen: 0.255 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.06 min

Lab File: VW016762.D

Acq: 02 Oct 2020 14:57

Instrument :

MSVOA_W

ClientSampled :

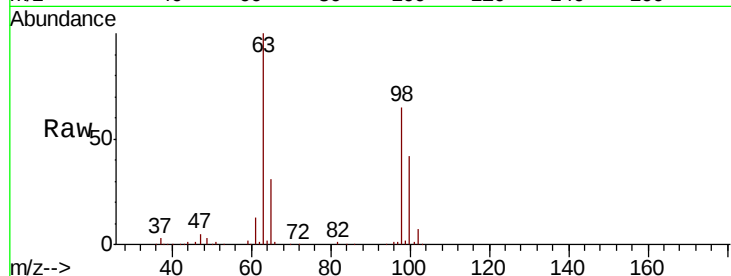
Tot Ion:101 Resp: 1916

Ion Ratio Lower Upper

101 100

85 0.0 32.6 49.0#

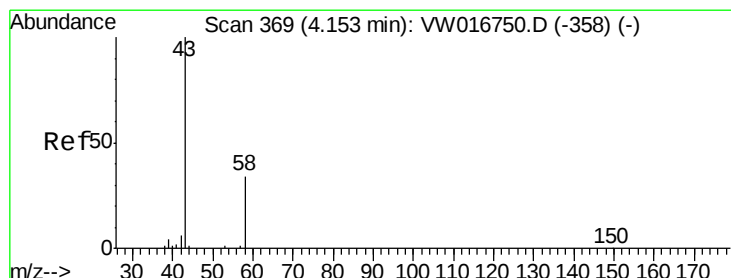
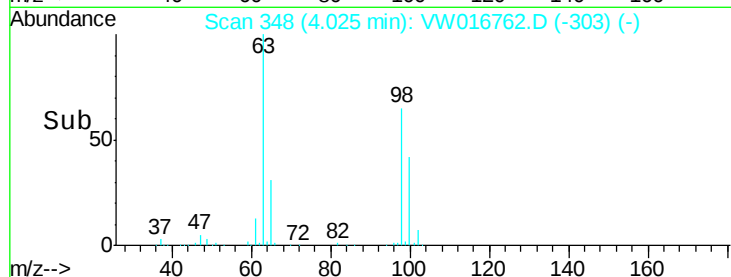
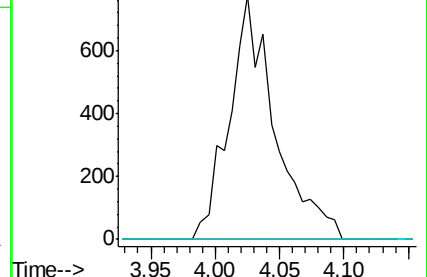
151 0.0 66.0 99.0#



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: 3.384 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW016762.D

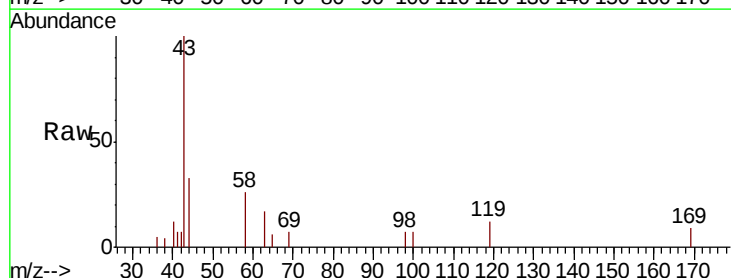
Acq: 02 Oct 2020 14:57

Tgt Ion: 43 Resp: 4086

Ion Ratio Lower Upper

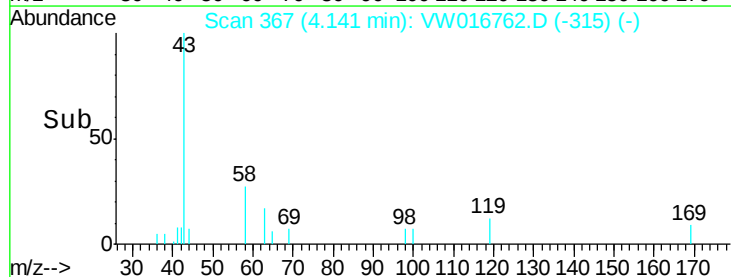
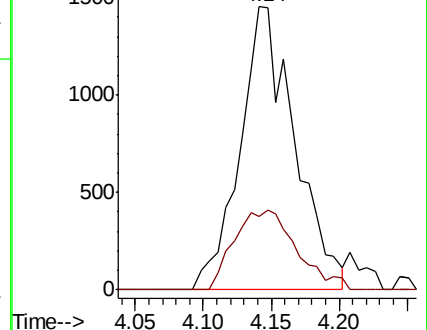
43 100

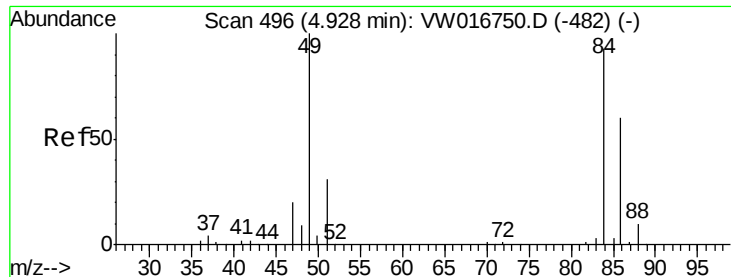
58 31.0 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

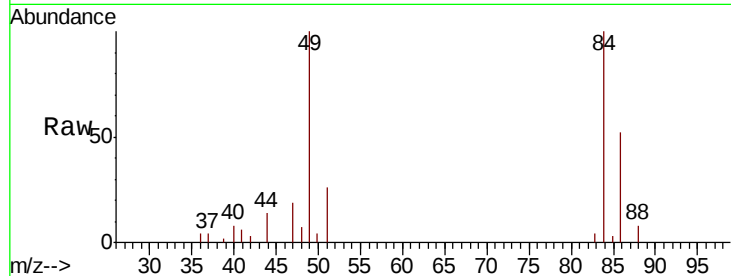




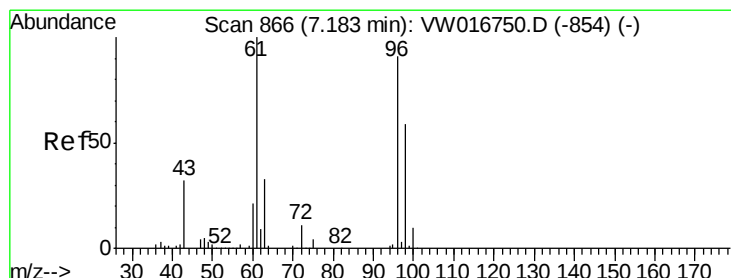
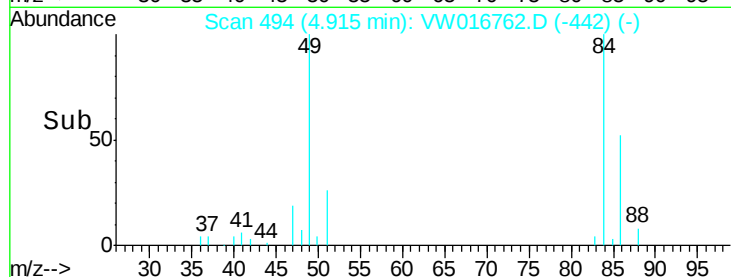
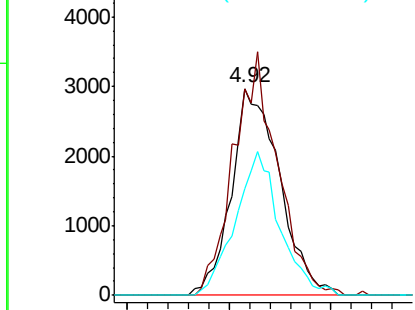
#16
Methvlene chloride
Concen: 1.083 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW016762.D
Acq: 02 Oct 2020 14:57

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 9757
Ion Ratio Lower Upper
84 100
49 100.2 76.0 141.2
86 51.7 45.6 84.6

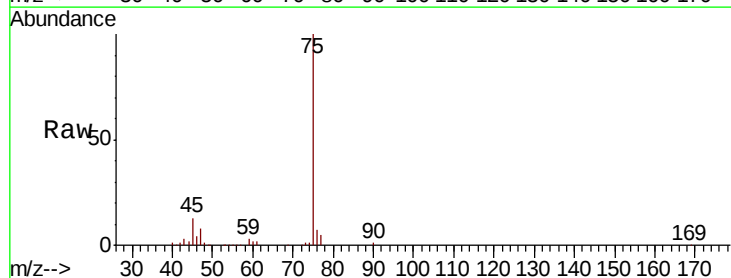


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

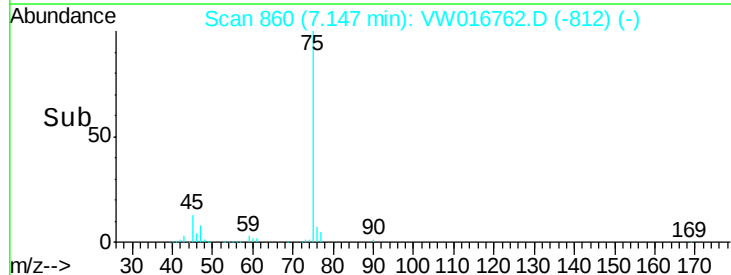
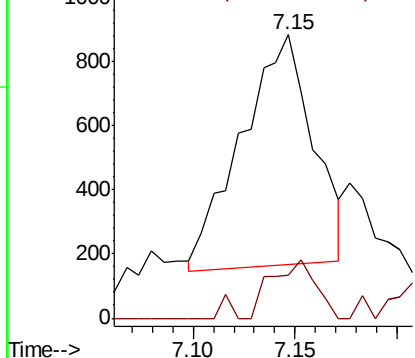


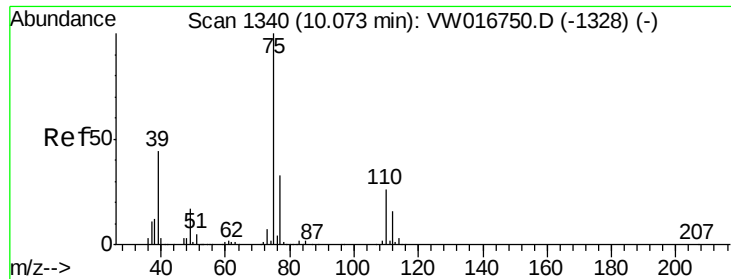
#21
2-Butanone
Concen: 0.857 ug/L
RT: 7.15 min Scan# 860
Delta R.T. -0.04 min
Lab File: VW016762.D
Acq: 02 Oct 2020 14:57

Tgt Ion: 43 Resp: 1760
Ion Ratio Lower Upper
43 100
72 10.3 14.6 43.8#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.477 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016762.D

Acq: 02 Oct 2020 14:57

Instrument :

MSVOA_W

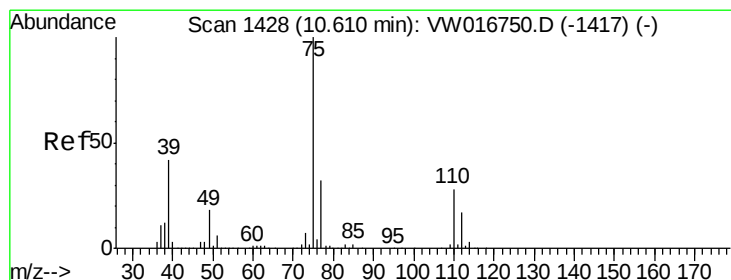
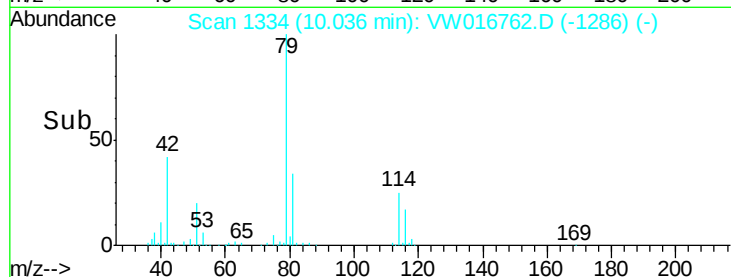
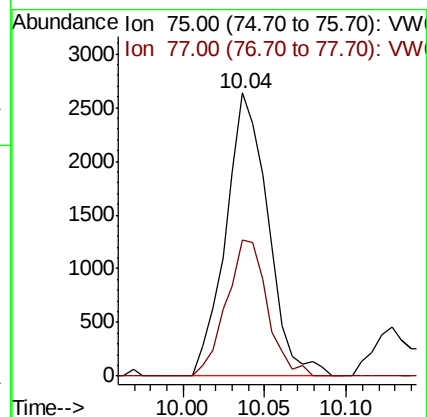
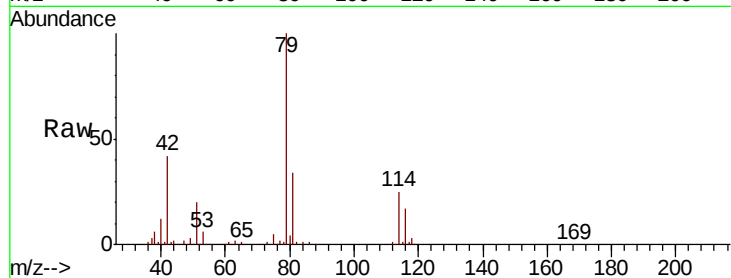
ClientSampled :

Tot Ion: 75 Resp: 4748

Ion Ratio Lower Upper

75 100

77 47.9 22.2 41.2#



#45

trans-1,3-Dichloropropene

Concen: 0.292 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016762.D

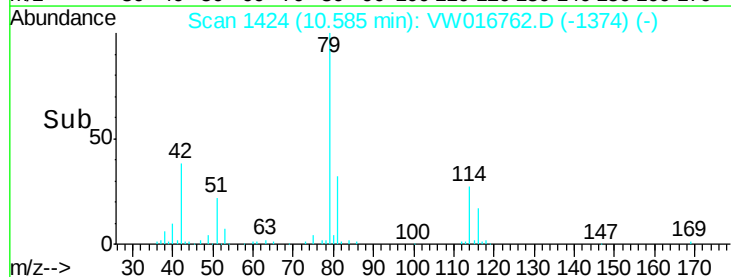
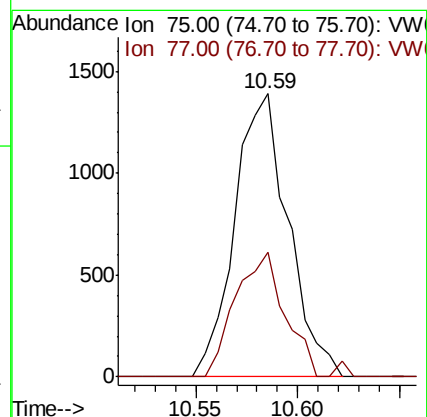
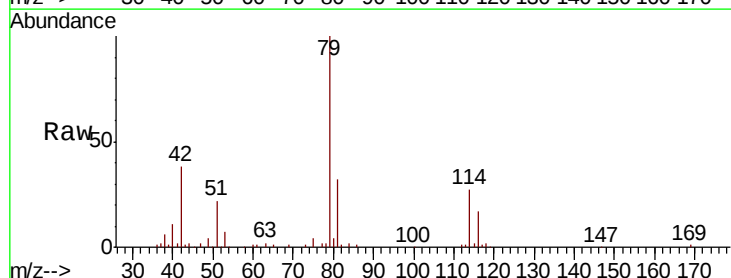
Acq: 02 Oct 2020 14:57

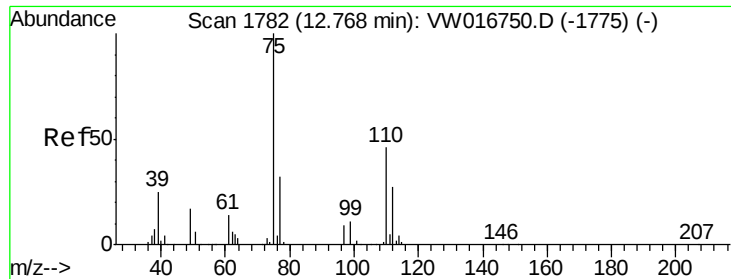
Tgt Ion: 75 Resp: 2530

Ion Ratio Lower Upper

75 100

77 44.2 22.5 41.9#





#59

1,2,3-Trichloropropane

Concen: 4.566 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016762.D

Acq: 02 Oct 2020 14:57

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 18686

Ion Ratio Lower Upper

75 100

77 37.8 26.2 39.4

