

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
 Data File : VW016800.D
 Acq On : 06 Oct 2020 18:11
 Operator : SY/VA
 Sample : VW1007SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK26

Quant Time: Oct 07 03:13:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 03:05:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	526156	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	474688	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	233610	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	117189	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.32%
7) Chloroethane-d5	2.90	69	97540	22.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.60%
10) 1,1-Dichloroethene-d2	4.02	63	178115	16.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.64%
20) 2-Butanone-d5	7.09	46	59047	50.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.44%
24) Chloroform-d	7.65	84	244000	21.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.92%
26) 1,2-Dichloroethane-d4	8.31	65	127106	23.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.80%
29) Benzene-d6	8.27	84	496338	23.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.08%
33) 1,2-Dichloropropane-d6	9.27	67	133524	23.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.20%
37) Toluene-d8	10.32	98	463710	22.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.16%
38) trans-1,3-Dichloropropene-	10.58	79	57712	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.32%
39) 2-Hexanone-d5	10.93	63	47802	53.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112911	24.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	174191	23.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.04%

Target Compounds

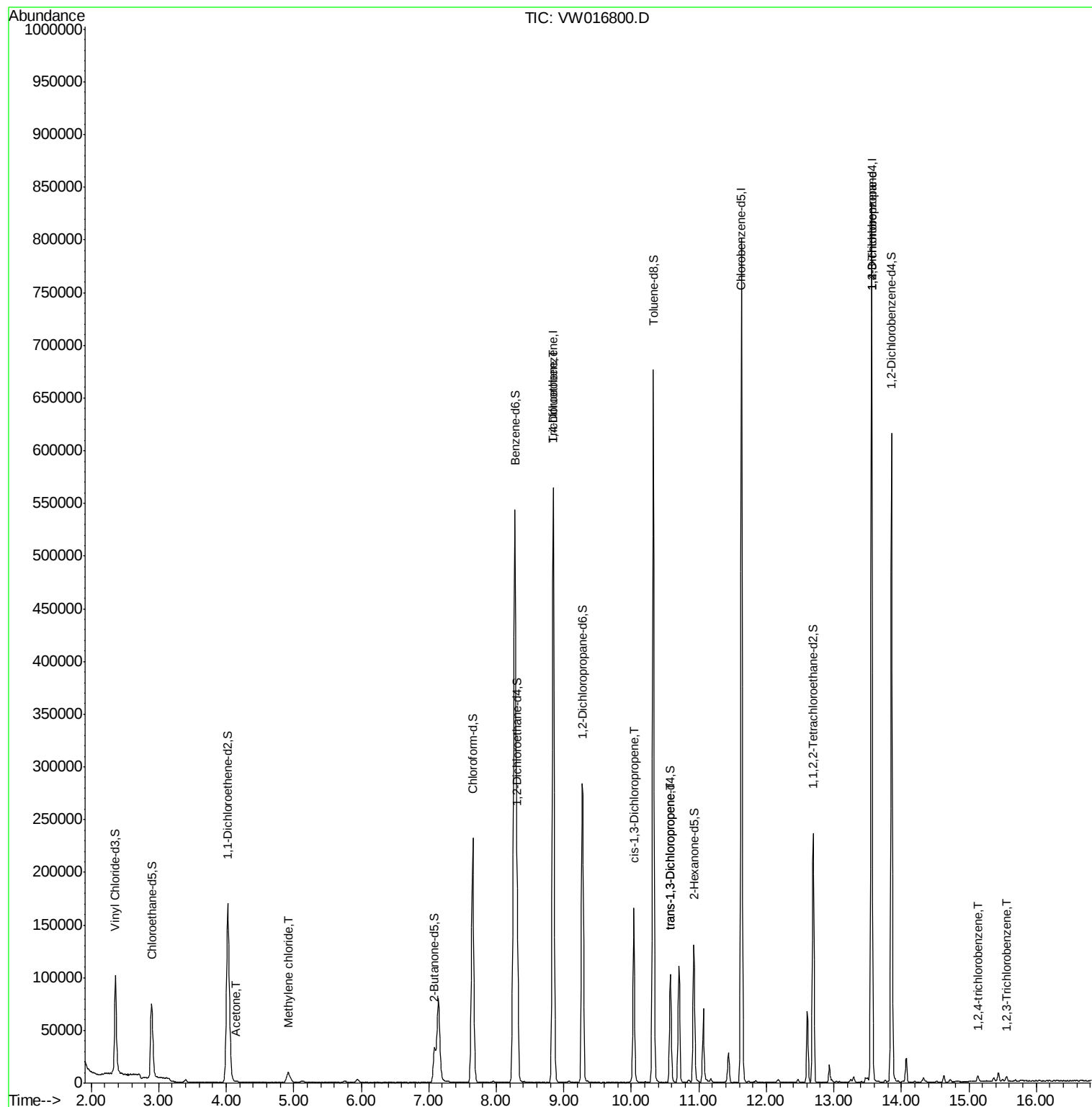
					Ovalue
13) Acetone	4.14	43	994	1.117 ug/L	73
16) Methylene chloride	4.92	84	8099	1.115 ug/L	100
35) Trichloroethene	8.85	95	15497	2.149 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	4093	0.445 ug/L #	54
45) trans-1,3-Dichloropropene	10.58	75	2705	0.350 ug/L #	58
59) 1,2,3-Trichloropropane	13.56	75	24070	6.416 ug/L	92
68) 1,2,4-trichlorobenzene	15.13	180	1966	0.217 ug/L	97
70) 1,2,3-Trichlorobenzene	15.55	180	2063	0.264 ug/L	95

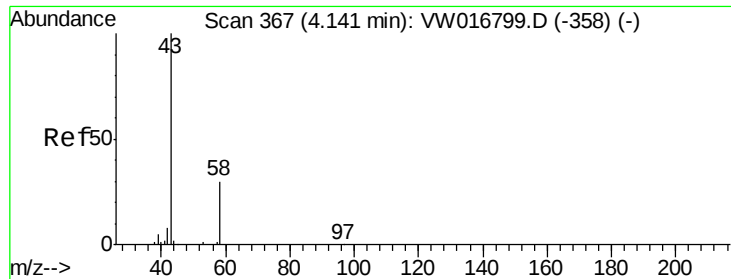
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VBLK26

Quant Time: Oct 07 03:13:50 2020
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Quant Title : VOC Analysis
QLast Update : Wed Oct 07 03:05:19 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.117 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW016800.D

Acq: 06 Oct 2020 18:11

Instrument :

MSVOA_W

ClientSampleId :

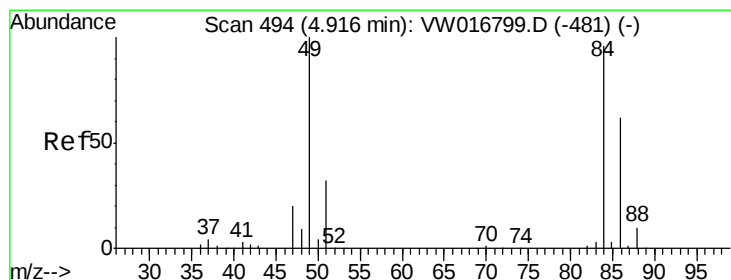
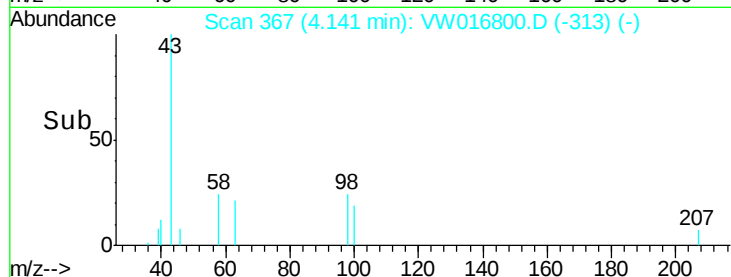
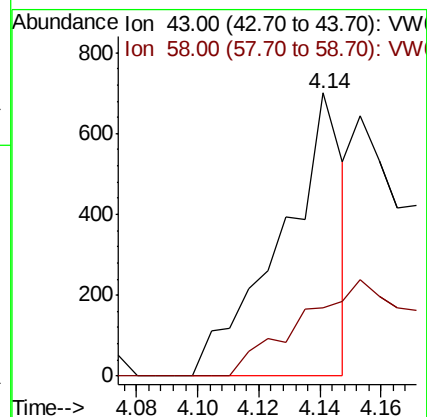
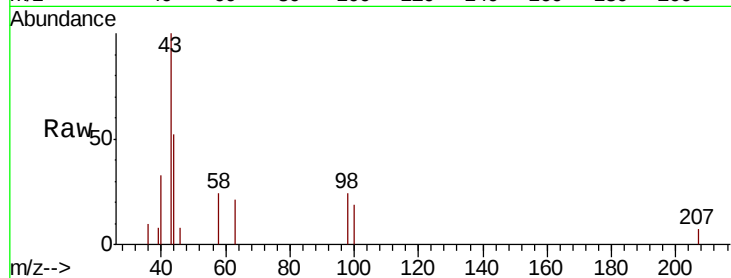
VBLK26

Tot Ion: 43 Resp: 994

Ion Ratio Lower Upper

43 100

58 18.5 0.0 67.6



#16

Methylene chloride

Concen: 1.115 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW016800.D

Acq: 06 Oct 2020 18:11

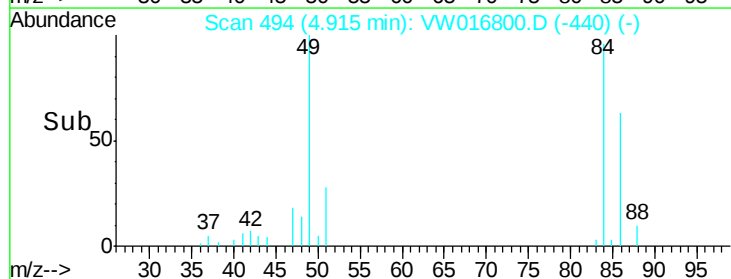
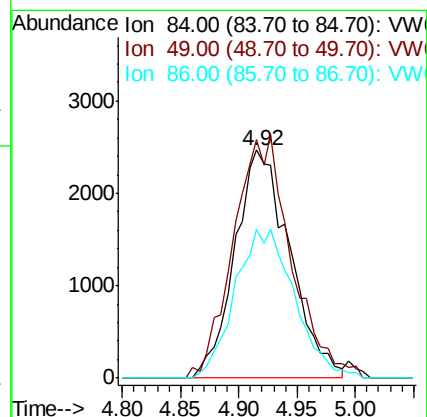
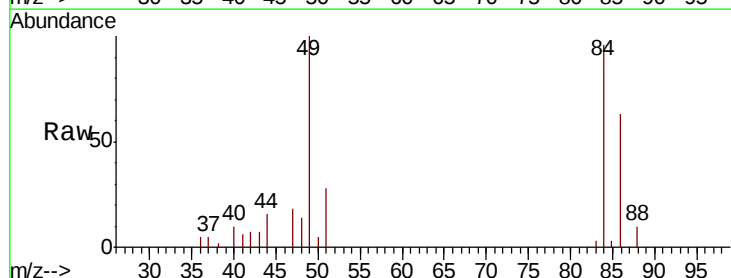
Tgt Ion: 84 Resp: 8099

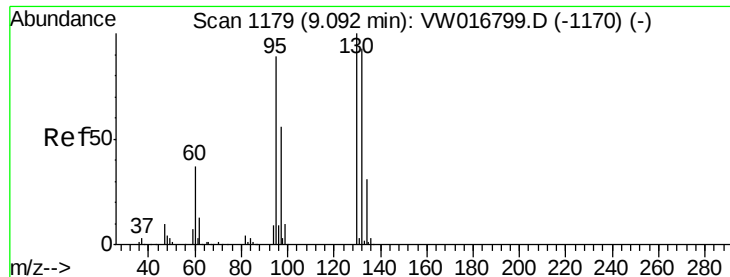
Ion Ratio Lower Upper

84 100

49 104.4 73.1 135.8

86 65.3 46.0 85.4





#35

Trichloroethene

Concen: 2.149 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW016800.D

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Instrument :

MSVOA_W

ClientSampled :

VBLK26

Tot Ion: 95 Resp: 15497

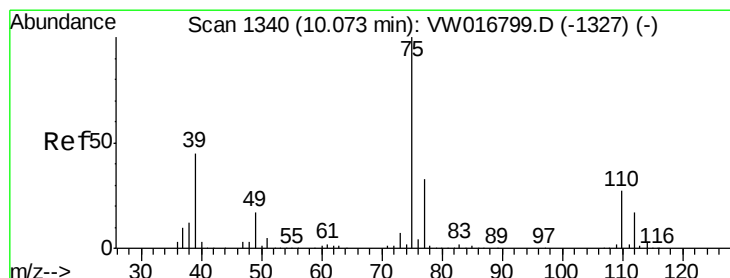
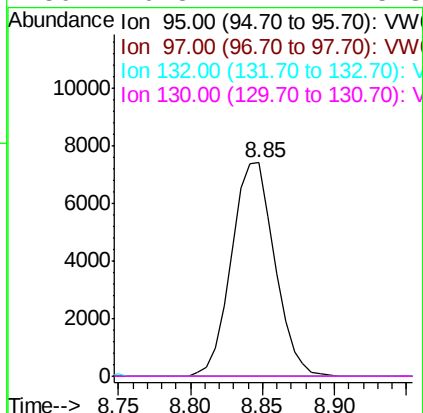
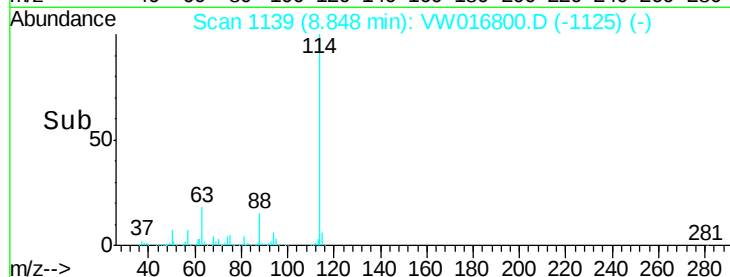
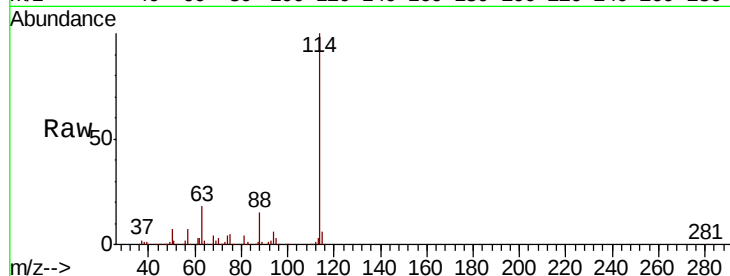
Ion Ratio Lower Upper

95 100

97 0.6 44.7 83.1#

132 0.4 73.8 137.2#

130 0.3 77.1 143.3#



#42

cis-1,3-Dichloropropene

Concen: 0.445 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016800.D

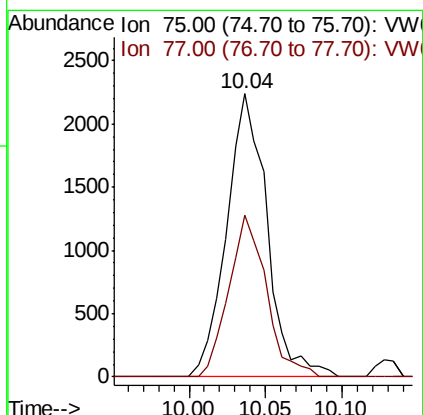
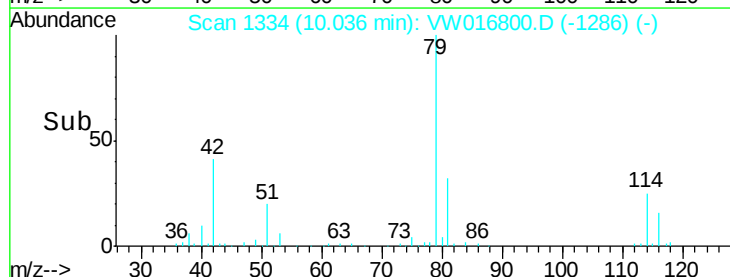
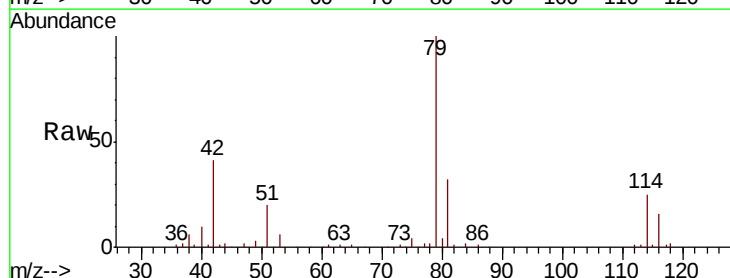
Acq: 06 Oct 2020 18:11

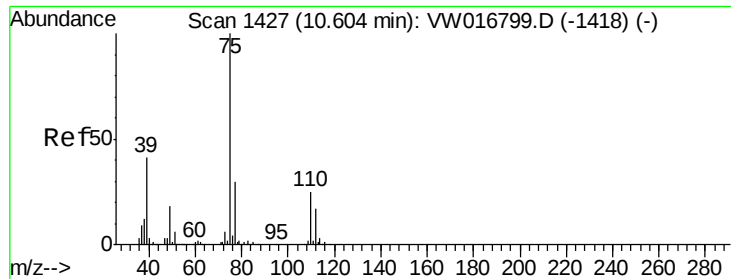
Tgt Ion: 75 Resp: 4093

Ion Ratio Lower Upper

75 100

77 57.2 22.1 41.1#





#45

trans-1,3-Dichloropropene

Concen: 0.350 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW016800.D

Acq: 06 Oct 2020 18:11

Instrument :

MSVOA_W

ClientSampleID :

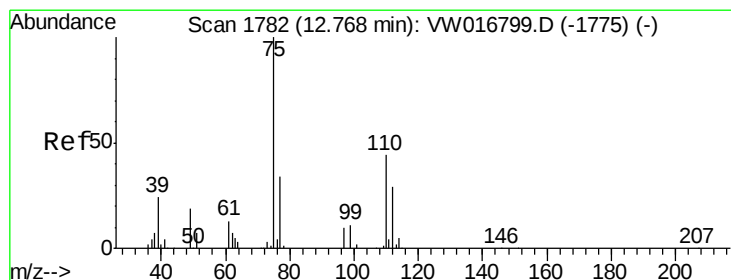
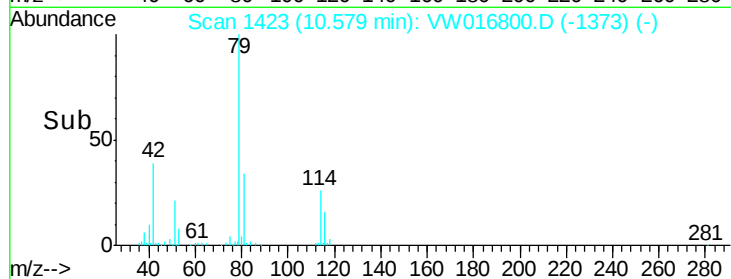
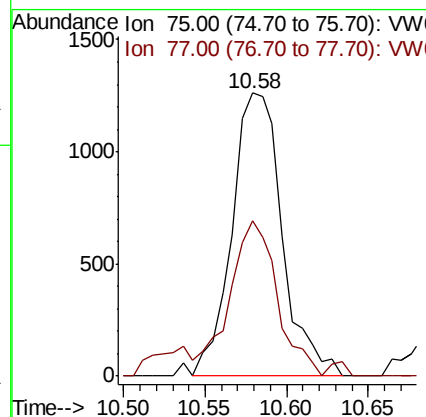
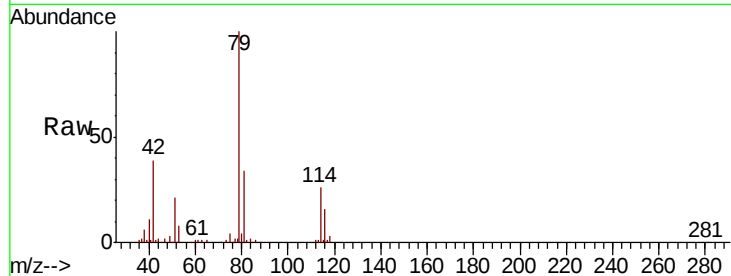
VBLK26

Tot Ion: 75 Resp: 2705

Ion Ratio Lower Upper

75 100

77 54.8 22.2 41.2#



#59

1,2,3-Trichloropropane

Concen: 6.416 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016800.D

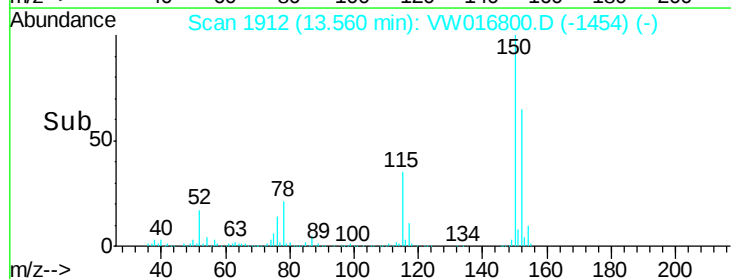
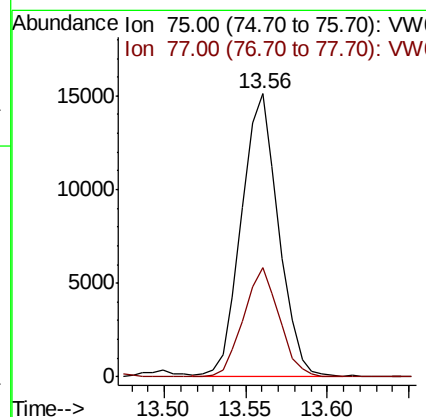
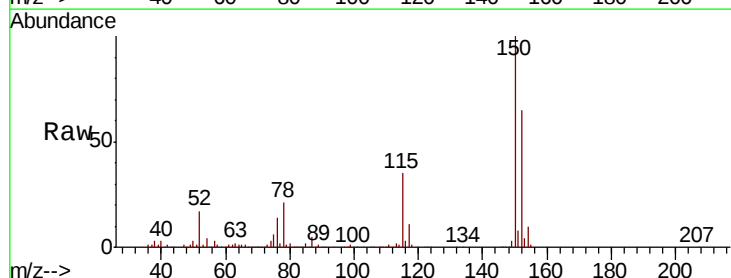
Acq: 06 Oct 2020 18:11

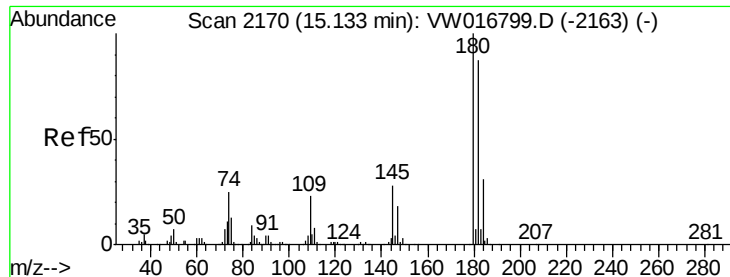
Tgt Ion: 75 Resp: 24070

Ion Ratio Lower Upper

75 100

77 37.0 26.2 39.2

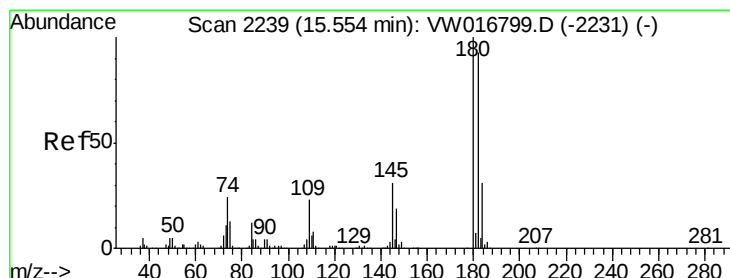
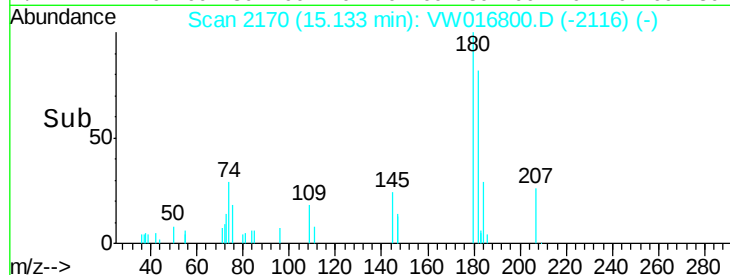
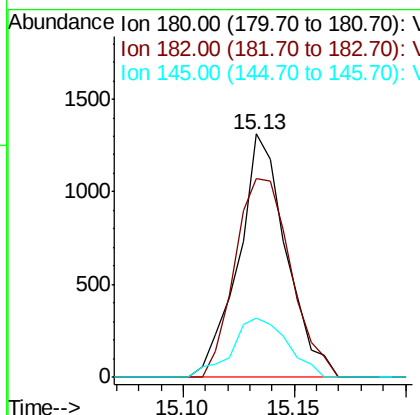
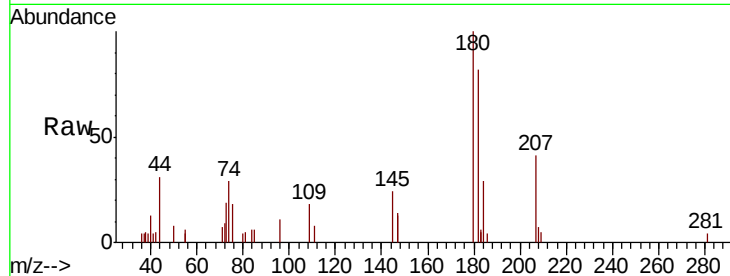




#68
 1,2,4-trichlorobenzene
 Concen: 0.217 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW016800.D
 Acq: 06 Oct 2020 18:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK26

Tot Ion:180 Resp: 1966
 Ion Ratio Lower Upper
 180 100
 182 95.7 74.2 111.2
 145 28.4 23.4 35.0



#70
 1,2,3-Trichlorobenzene
 Concen: 0.264 ug/L
 RT: 15.55 min Scan# 2239
 Delta R.T. -0.00 min
 Lab File: VW016800.D
 Acq: 06 Oct 2020 18:11

Tgt Ion:180 Resp: 2063
 Ion Ratio Lower Upper
 180 100
 182 87.4 74.1 111.1
 145 28.4 24.8 37.2

