

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092420\
 Data File : VW016628.D
 Acq On : 23 Sep 2020 14:02
 Operator : SY/VA
 Sample : L4108-14
 Misc : 6.11G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3L1

Quant Time: Sep 24 04:42:09 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	607207	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	508328	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	210783	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	151253	25.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.92%
7) Chloroethane-d5	2.90	69	130044	27.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.40%
10) 1,1-Dichloroethene-d2	4.03	63	237090	18.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.16%
20) 2-Butanone-d5	7.09	46	62246	38.84	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.68%
24) Chloroform-d	7.65	84	340153	26.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.12%
26) 1,2-Dichloroethane-d4	8.31	65	171029	26.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.92%
29) Benzene-d6	8.28	84	662618	29.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.24%
33) 1,2-Dichloropropane-d6	9.28	67	180388	29.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.80%
37) Toluene-d8	10.33	98	627921	28.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.00%
38) trans-1,3-Dichloropropene-	10.58	79	76337	24.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.04%
39) 2-Hexanone-d5	10.93	63	51795	46.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126177	24.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	180967	26.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.48%

Target Compounds

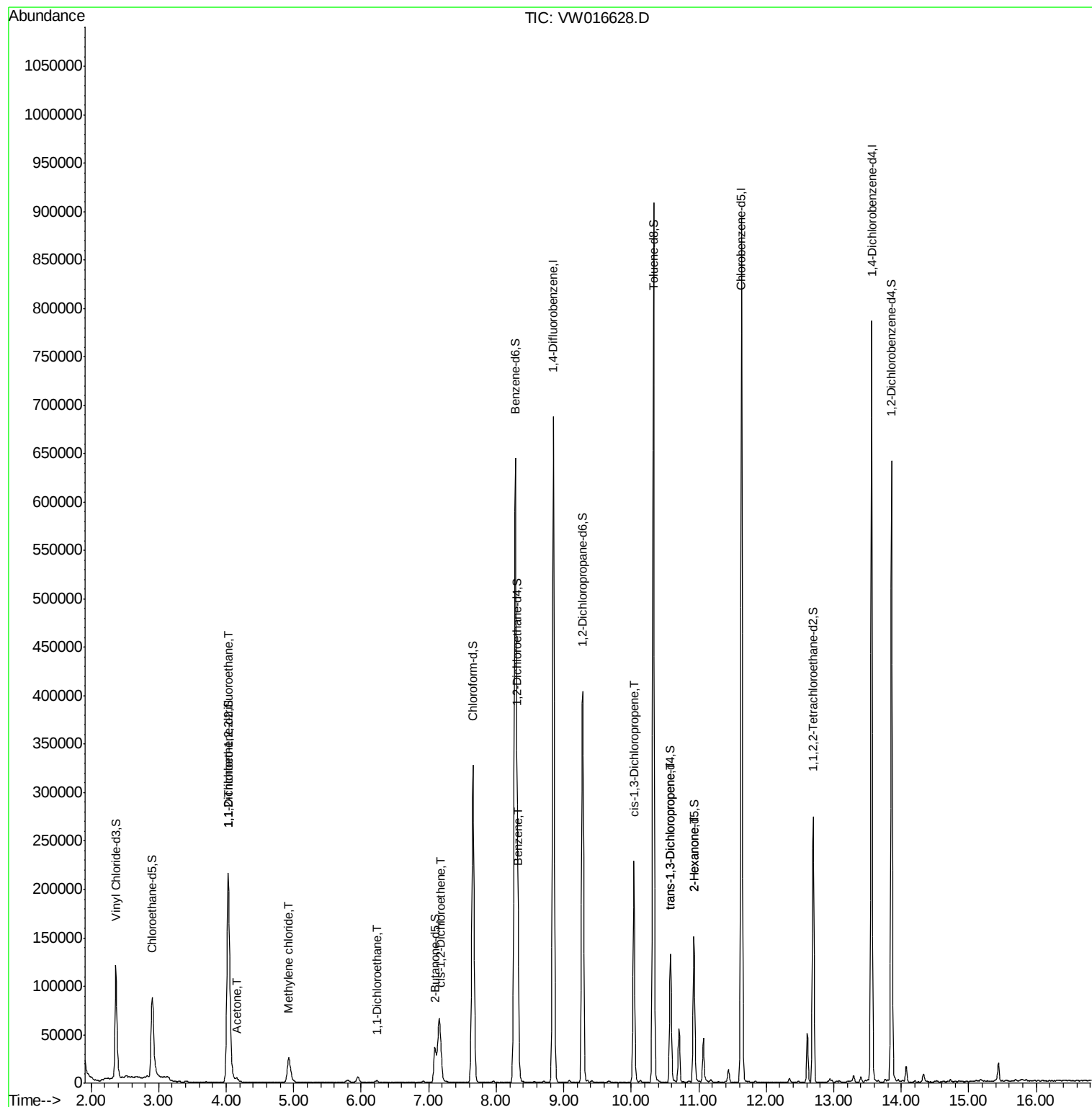
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	2484	0.318	ug/L #	17
13) Acetone	4.15	43	7435	5.923	ug/L	81
16) Methylene chloride	4.92	84	23319	2.490	ug/L	97
19) 1,1-Dichloroethane	6.23	63	3239	0.257	ug/L #	82
22) cis-1,2-Dichloroethene	7.18	96	11421	1.382	ug/L	91
34) Benzene	8.33	78	22919	0.841	ug/L	100
42) cis-1,3-Dichloropropene	10.04	75	6432	0.594	ug/L #	63
45) trans-1,3-Dichloropropene	10.59	75	3508	0.373	ug/L	88
49) 2-Hexanone	10.93	43	6020	2.356	ug/L #	64

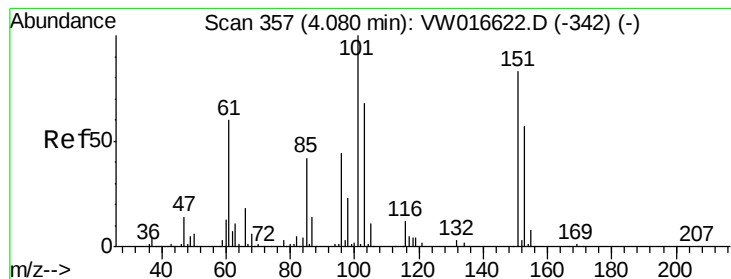
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : L4108-14
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Quant Time: Sep 24 04:42:09 2020
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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: 0.318 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.05 min

Lab File: VW016628.D

Acq: 23 Sep 2020 14:02

Instrument :

MSVOA_W

ClientSampled :

BG3L1

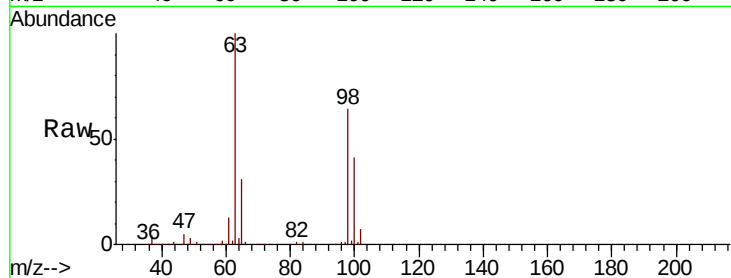
Tot Ion:101 Resp: 2484

Ion Ratio Lower Upper

101 100

85 0.0 32.6 49.0#

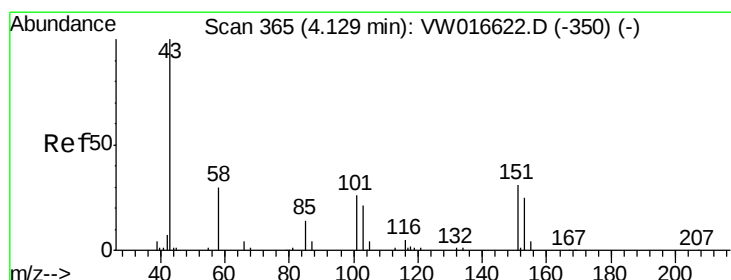
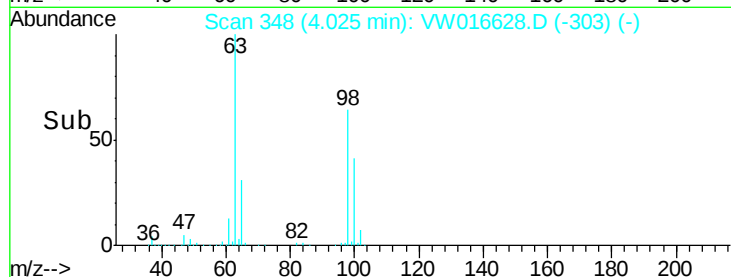
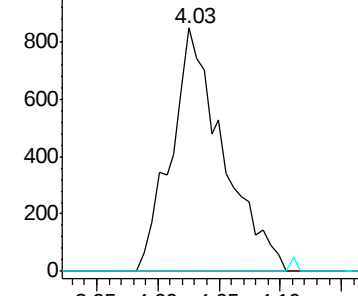
151 0.0 66.0 99.0#



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: 5.923 ug/L

RT: 4.15 min Scan# 369

Delta R.T. 0.02 min

Lab File: VW016628.D

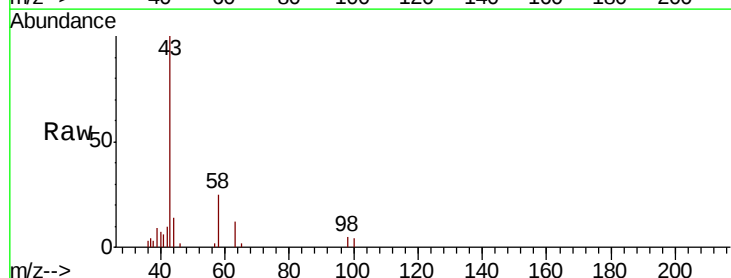
Acq: 23 Sep 2020 14:02

Tgt Ion: 43 Resp: 7435

Ion Ratio Lower Upper

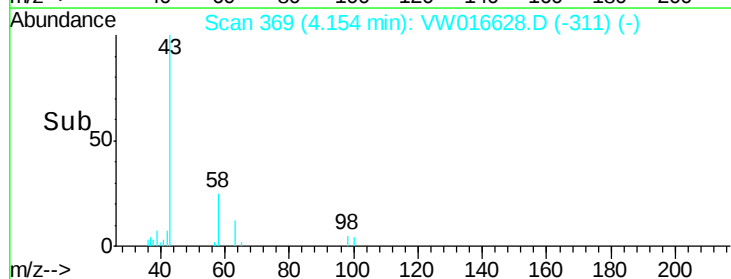
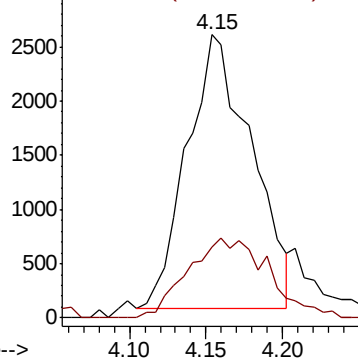
43 100

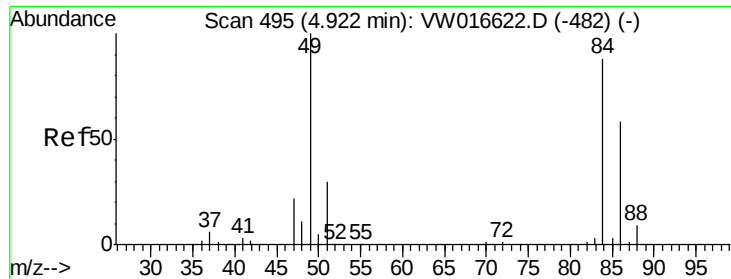
58 20.0 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

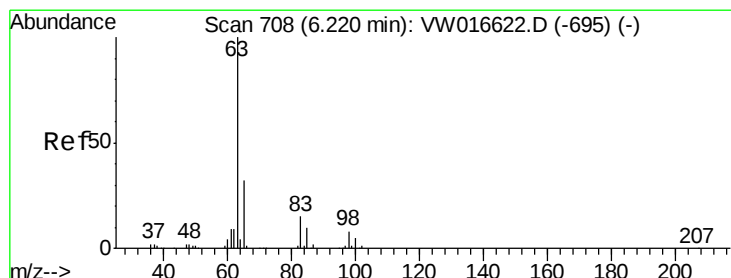
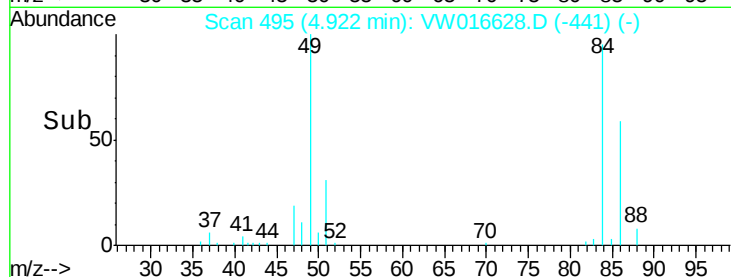
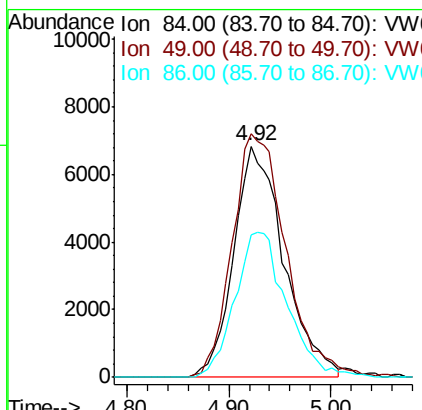
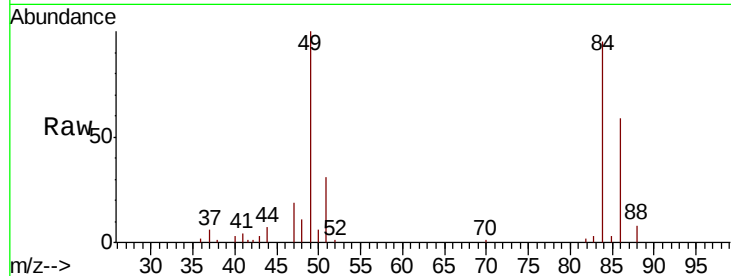




#16
Methvlene chloride
Concen: 2.490 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW016628.D
Acq: 23 Sep 2020 14:02

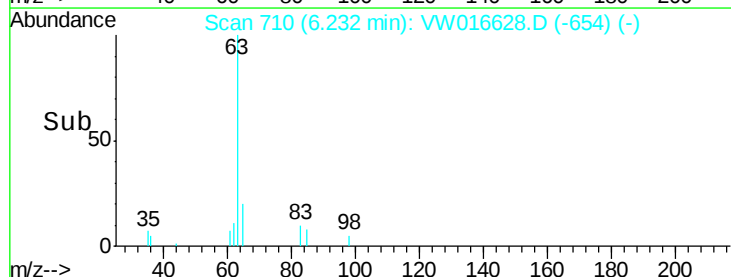
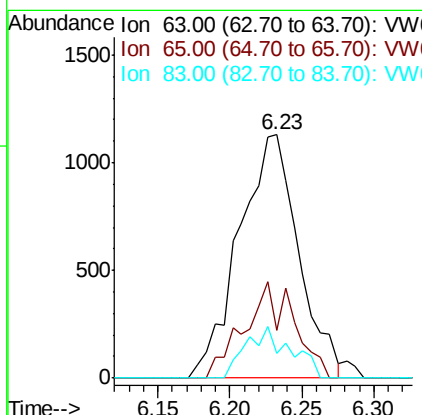
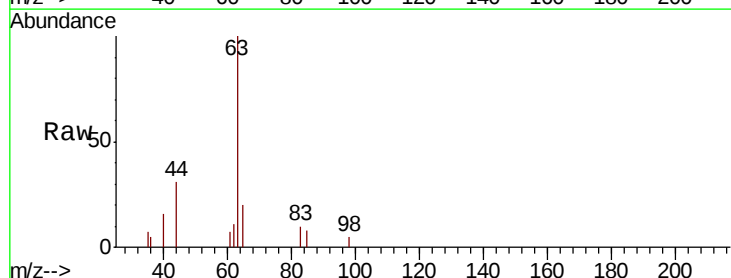
Instrument :
MSVOA_W
ClientSampleId :
BG3L1

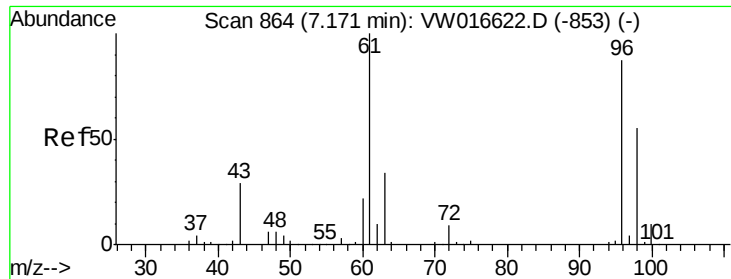
Tot Ion: 84 Resp: 23319
Ion Ratio Lower Upper
84 100
49 105.4 76.0 141.2
86 61.9 45.6 84.6



#19
1,1-Dichloroethane
Concen: 0.257 ug/L
RT: 6.23 min Scan# 710
Delta R.T. 0.01 min
Lab File: VW016628.D
Acq: 23 Sep 2020 14:02

Tgt Ion: 63 Resp: 3239
Ion Ratio Lower Upper
63 100
65 19.5 21.6 40.0#
83 10.0 10.4 19.2#



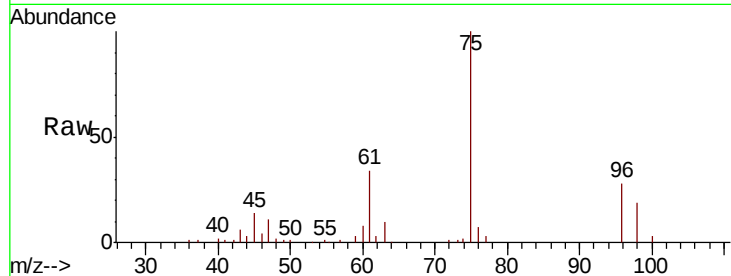


#22

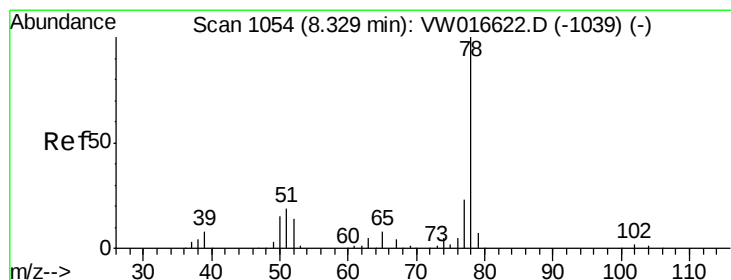
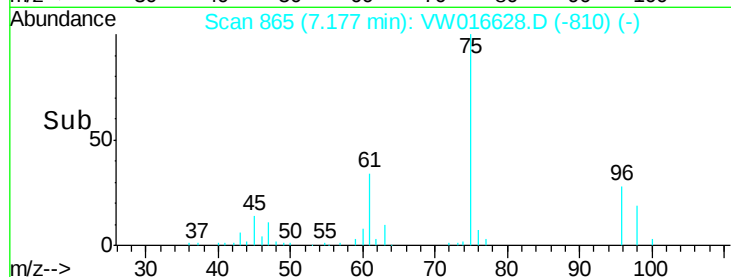
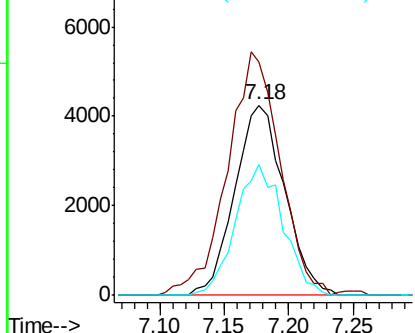
cis-1,2-Dichloroethene
Concen: 1.382 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW016628.D
Acq: 23 Sep 2020 14:02

Instrument :
MSVOA_W
ClientSampleId :
BG3L1

Tot Ion: 96 Resp: 11421
Ion Ratio Lower Upper
96 100
61 122.9 78.4 145.6
98 68.6 44.8 83.2



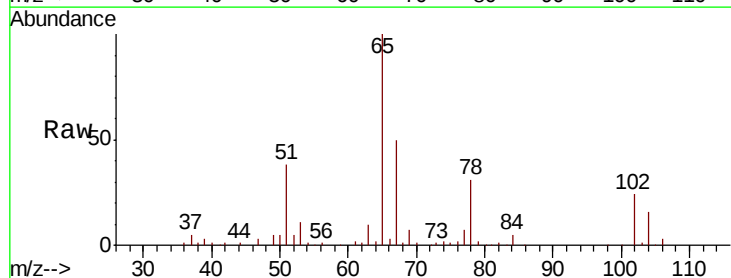
Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



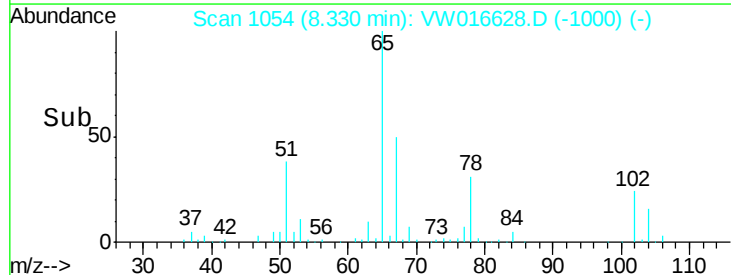
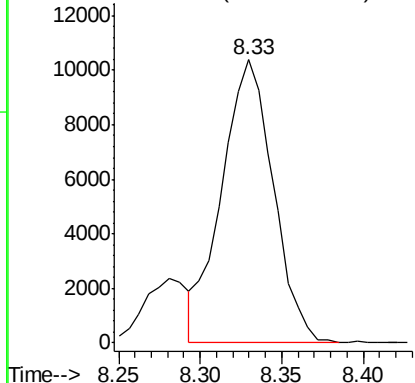
#34

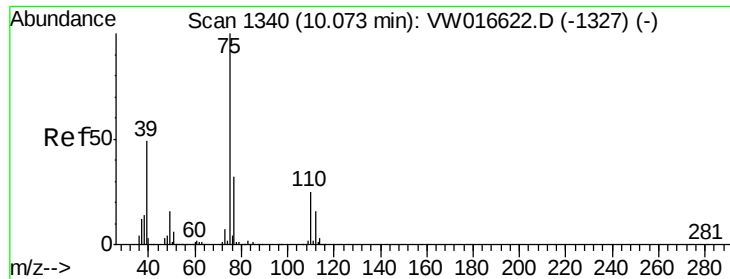
Benzene
Concen: 0.841 ug/L
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW016628.D
Acq: 23 Sep 2020 14:02

Tgt Ion: 78 Resp: 22919



Abundance Ion 78.00 (77.70 to 78.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.594 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016628.D

Acq: 23 Sep 2020 14:02

Instrument :

MSVOA_W

ClientSampleId :

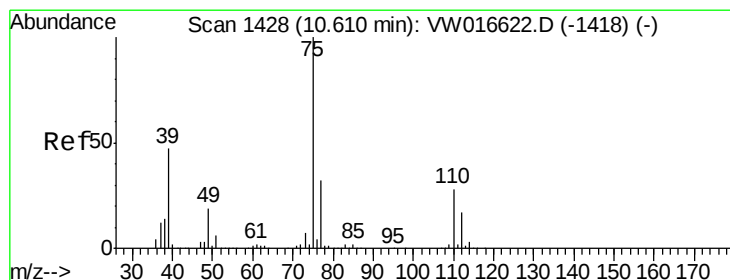
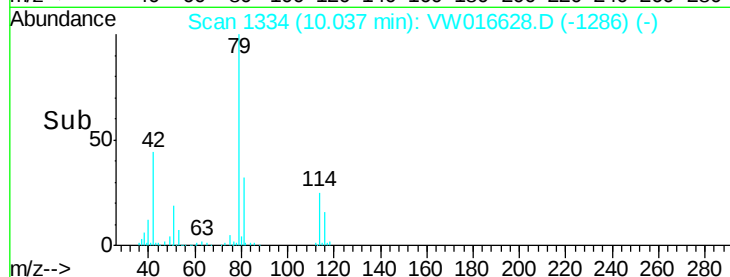
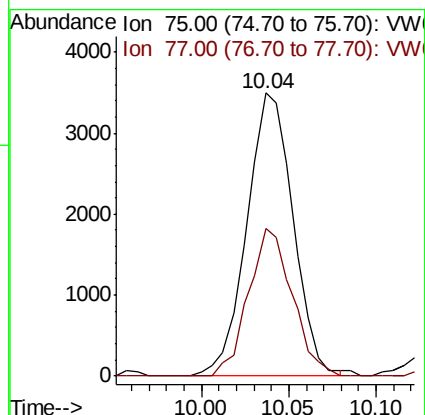
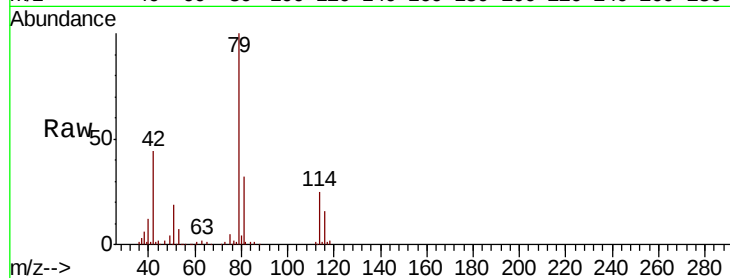
BG3L1

Tot Ion: 75 Resp: 6432

Ion Ratio Lower Upper

75 100

77 52.2 22.2 41.2#



#45

trans-1,3-Dichloropropene

Concen: 0.373 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016628.D

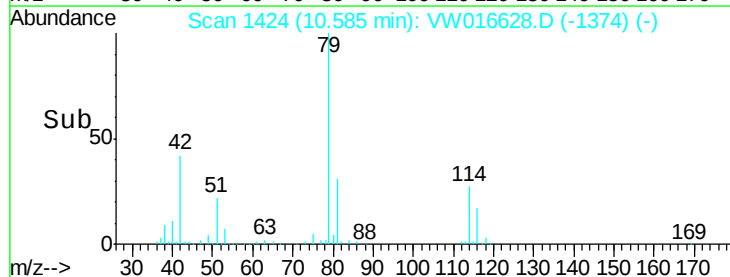
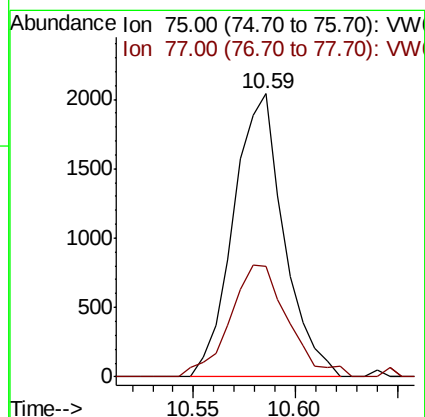
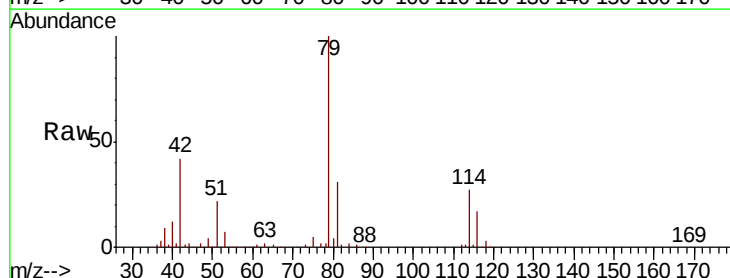
Acq: 23 Sep 2020 14:02

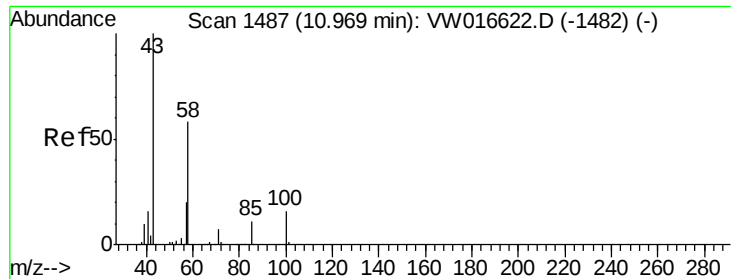
Tgt Ion: 75 Resp: 3508

Ion Ratio Lower Upper

75 100

77 39.0 22.5 41.9





#49

2-Hexanone

Concen: 2.356 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016628.D

Acq: 23 Sep 2020 14:02

Instrument :

MSVOA_W

ClientSampleId :

BG3L1

Tot Ion: 43 Resp: 6020

Ion Ratio Lower Upper

43 100

58 23.6 44.2 66.2#

57 26.2 16.3 24.5#

100 0.0 12.4 18.6#

