

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092520\
 Data File : VW016639.D
 Acq On : 24 Sep 2020 14:27
 Operator : SY/VA
 Sample : L4108-22
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3L8

Quant Time: Sep 25 08:02:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 07:55:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	708441	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	602629	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	285550	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	160497	23.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.64%
7) Chloroethane-d5	2.90	69	136586	24.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.56%
10) 1,1-Dichloroethene-d2	4.03	63	254555	16.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.40%
20) 2-Butanone-d5	7.09	46	60331	32.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.54%
24) Chloroform-d	7.65	84	348976	23.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	8.31	65	168644	22.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.68%
29) Benzene-d6	8.28	84	685428	25.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.44%
33) 1,2-Dichloropropane-d6	9.28	67	185073	25.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.08%
37) Toluene-d8	10.33	98	651156	24.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.96%
38) trans-1,3-Dichloropropene-	10.58	79	77454	20.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.92%
39) 2-Hexanone-d5	10.93	63	47783	35.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.74%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	124119	19.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	221879	24.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.28%

Target Compounds

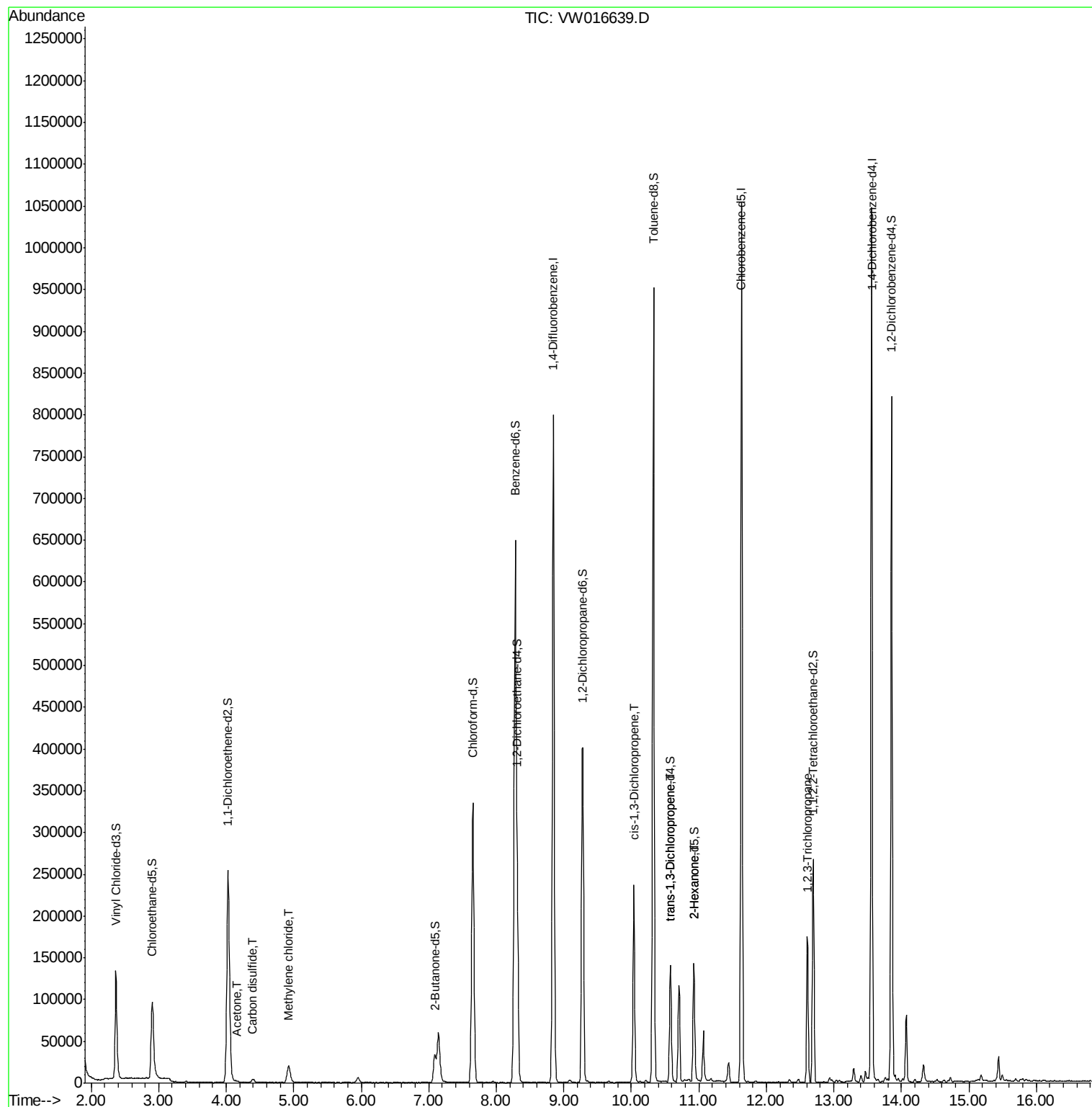
					Ovalue
13) Acetone	4.16	43	3272	2.234 ug/L	80
14) Carbon disulfide	4.39	76	6447	0.238 ug/L #	94
16) Methylene chloride	4.92	84	17217	1.576 ug/L	98
42) cis-1,3-Dichloropropene	10.04	75	6459	0.503 ug/L #	69
45) trans-1,3-Dichloropropene	10.58	75	3959	0.355 ug/L	85
49) 2-Hexanone	10.93	43	5732	1.892 ug/L #	68
59) 1,2,3-Trichloropropane	12.61	75	1576	0.299 ug/L	99

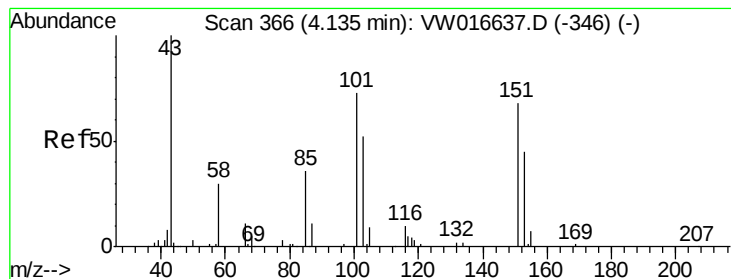
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.234 ug/L

RT: 4.16 min Scan# 370

Delta R.T. 0.02 min

Lab File: VW016639.D

Acq: 24 Sep 2020 14:27

Instrument :

MSVOA_W

ClientSampled :

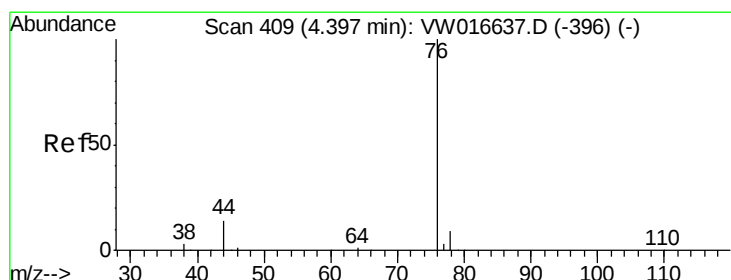
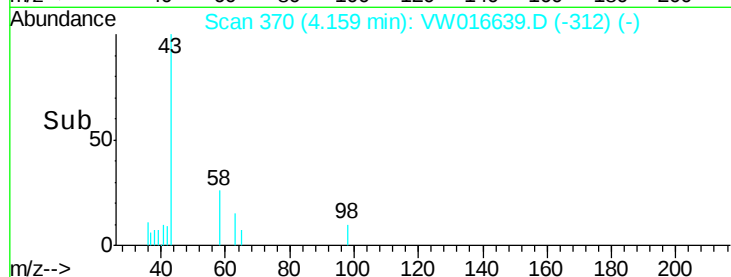
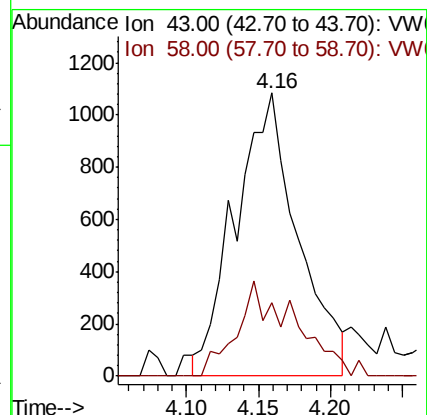
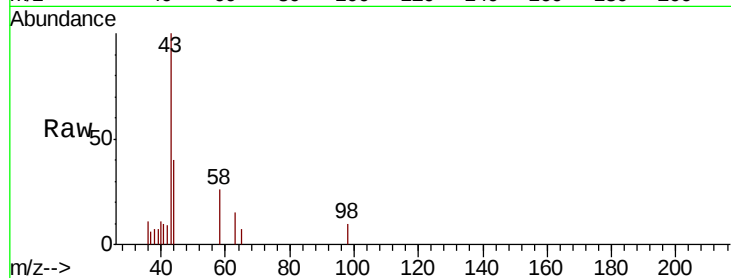
BG3L8

Tot Ion: 43 Resp: 3272

Ion Ratio Lower Upper

43 100

58 19.3 0.0 60.2



#14

Carbon disulfide

Concen: 0.238 ug/L

RT: 4.39 min Scan# 408

Delta R.T. -0.01 min

Lab File: VW016639.D

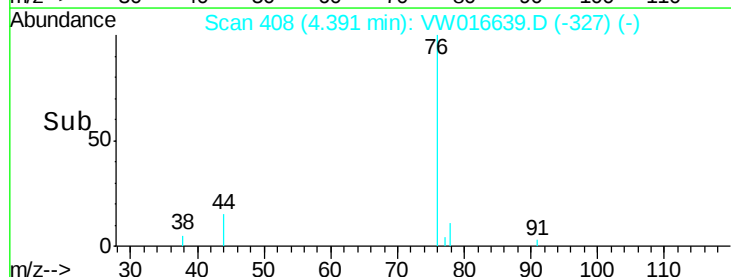
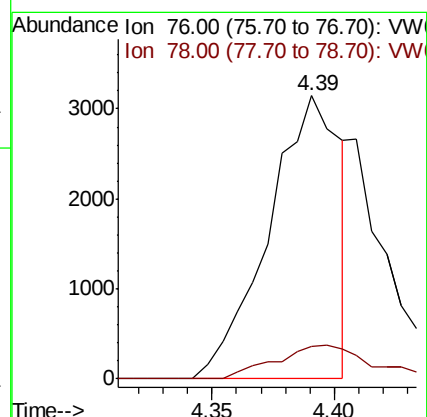
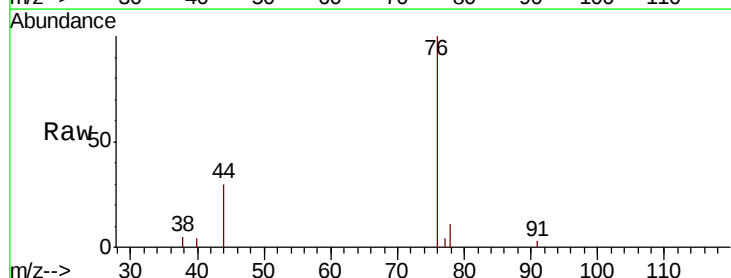
Acq: 24 Sep 2020 14:27

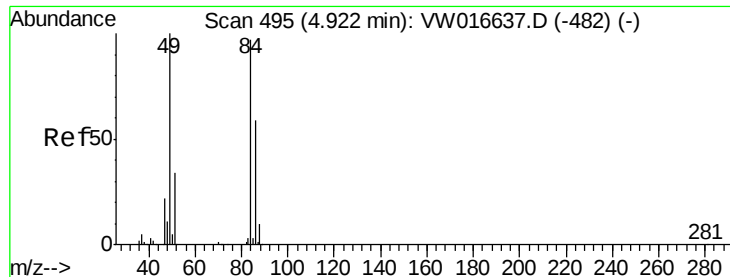
Tgt Ion: 76 Resp: 6447

Ion Ratio Lower Upper

76 100

78 11.3 7.3 10.9#

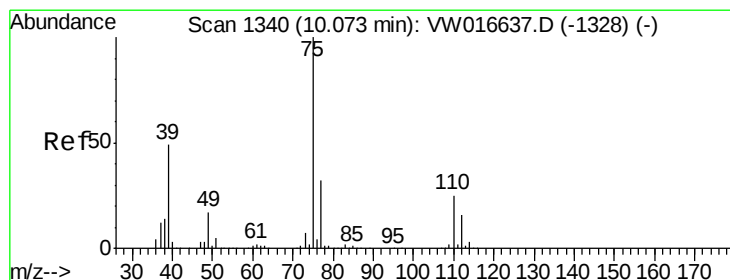
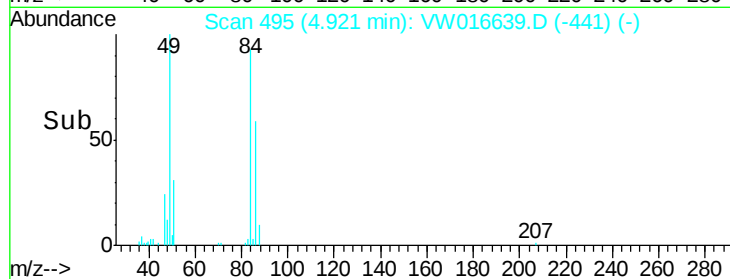
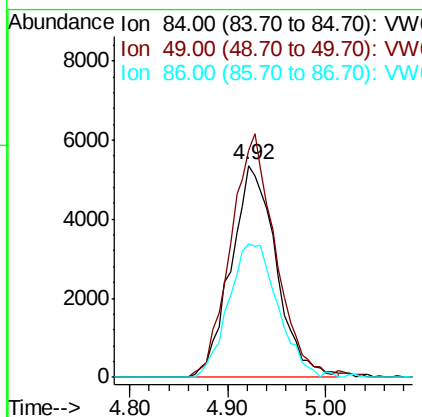
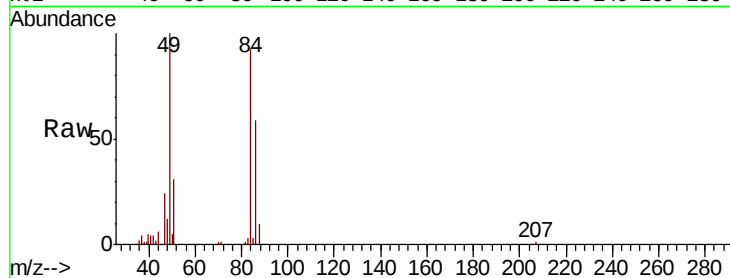




#16
Methylene chloride
Concen: 1.576 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW016639.D
Acq: 24 Sep 2020 14:27

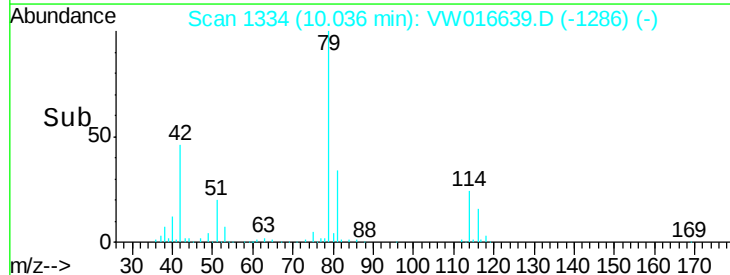
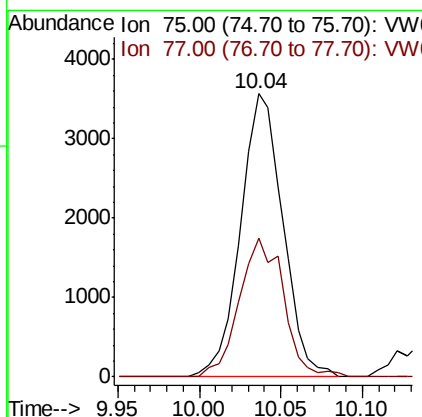
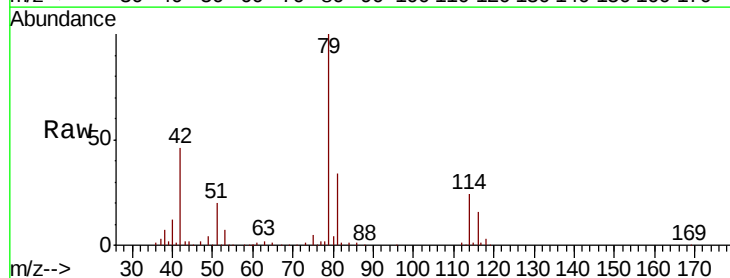
Instrument :
MSVOA_W
ClientSampleId :
BG3L8

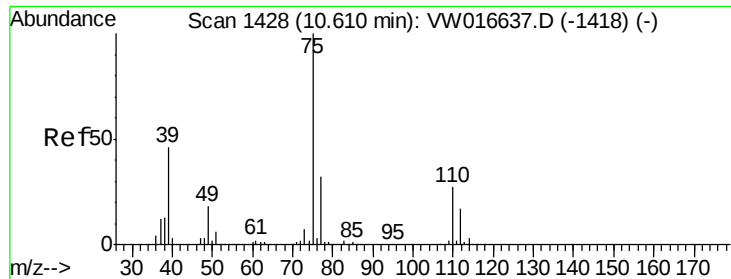
Tot Ion: 84 Resp: 17217
Ion Ratio Lower Upper
84 100
49 107.4 76.0 141.2
86 63.0 45.6 84.6



#42
cis-1,3-Dichloropropene
Concen: 0.503 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW016639.D
Acq: 24 Sep 2020 14:27

Tgt Ion: 75 Resp: 6459
Ion Ratio Lower Upper
75 100
77 49.1 22.2 41.2#





#45

trans-1,3-Dichloropropene

Concen: 0.355 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016639.D

Acq: 24 Sep 2020 14:27

Instrument :

MSVOA_W

ClientSampled :

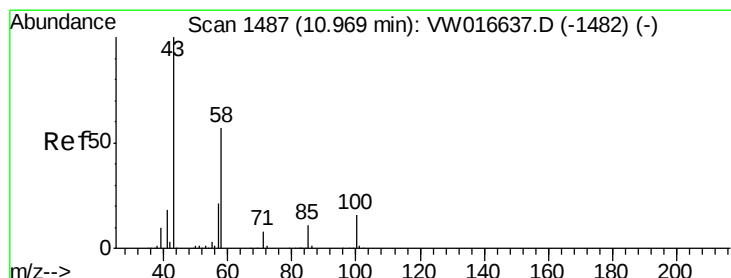
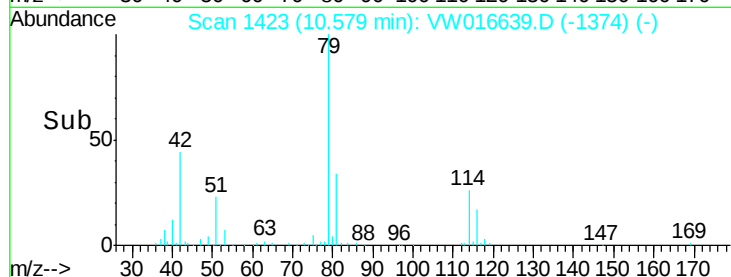
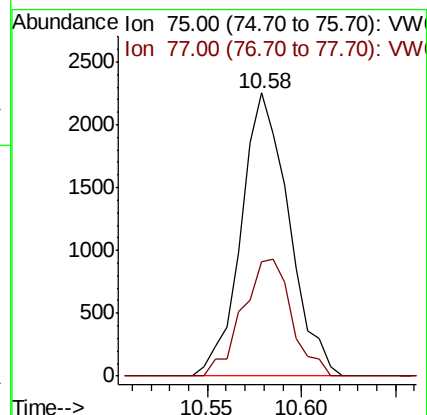
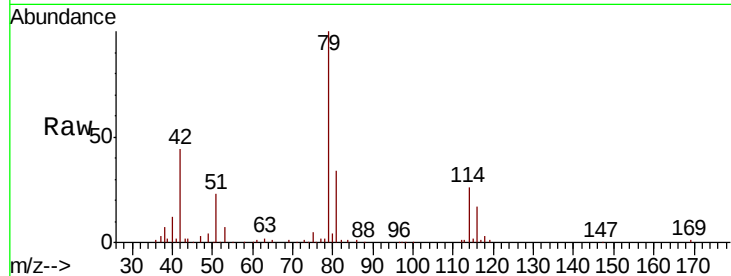
BG3L8

Tot Ion: 75 Resp: 3959

Ion Ratio Lower Upper

75 100

77 40.5 22.5 41.9



#49

2-Hexanone

Concen: 1.892 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016639.D

Acq: 24 Sep 2020 14:27

Tgt Ion: 43 Resp: 5732

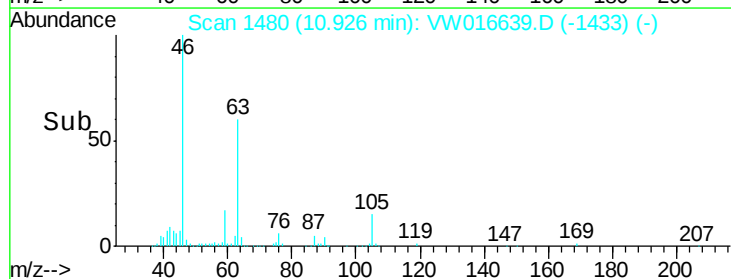
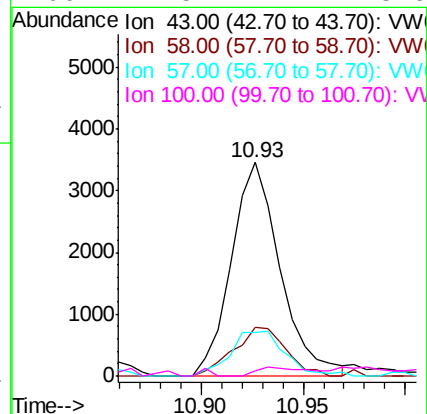
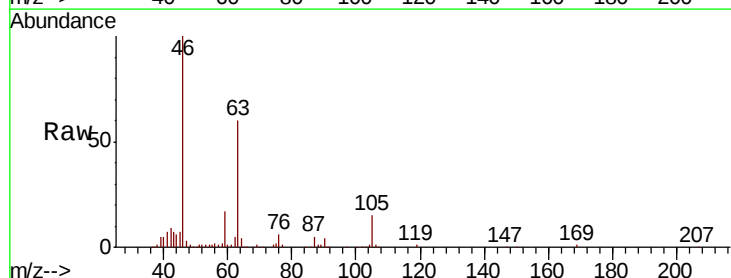
Ion Ratio Lower Upper

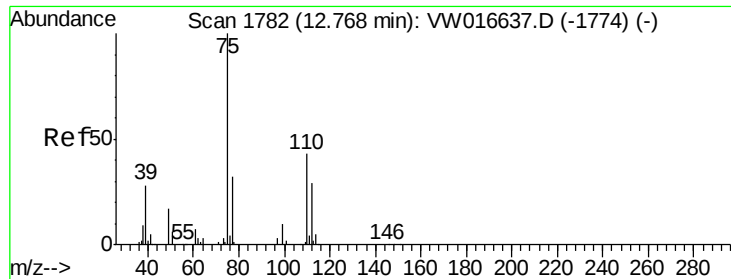
43 100

58 24.3 44.2 66.2#

57 23.6 16.3 24.5

100 4.5 12.4 18.6#





#59

1,2,3-Trichloropropane

Concen: 0.299 ug/L

RT: 12.61 min Scan# 1756

Delta R.T. -0.16 min

Lab File: VW016639.D

Acq: 24 Sep 2020 14:27

Instrument :

MSVOA_W

ClientSampleId :

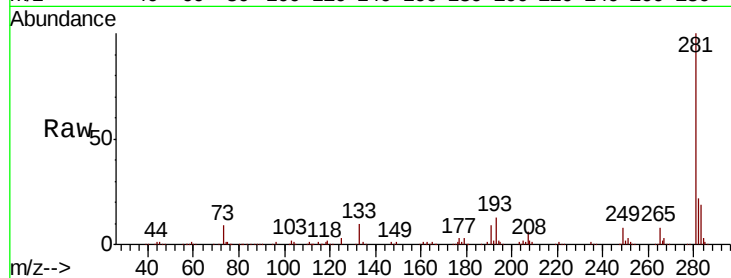
BG3L8

Tot Ion: 75 Resp: 1576

Ion Ratio Lower Upper

75 100

77 33.2 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

