

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
 Data File : VV018425.D
 Acq On : 24 Sep 2020 13:43
 Operator : SY/MD
 Sample : L4109-12 20X
 Misc : 6.17g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3X2

Quant Time: Sep 25 04:45:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 04:36:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	347211	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	337150	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	181369	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89659	31.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.38%
7) Chloroethane-d5	1.58	69	80871	34.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.86%#
11) 1,1-Dichloroethene-d2	2.12	63	139408	26.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.72%#
21) 2-Butanone-d5	3.91	46	151051	87.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.21%
24) Chloroform-d	4.38	84	195802	39.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.76%
26) 1,2-Dichloroethane-d4	5.06	65	128830	40.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.88%
32) Benzene-d6	5.08	84	388756	40.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.56%
36) 1,2-Dichloropropane-d6	6.09	67	127652	41.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.24%
41) Toluene-d8	7.34	98	354386	40.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.58%
43) trans-1,3-Dichloropropene-	7.64	79	62255	39.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.90%
47) 2-Hexanone-d5	8.11	63	97855	84.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.24%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	160583	41.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.44%
64) 1,2-Dichlorobenzene-d4	11.65	152	163096	43.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.58%

Target Compounds

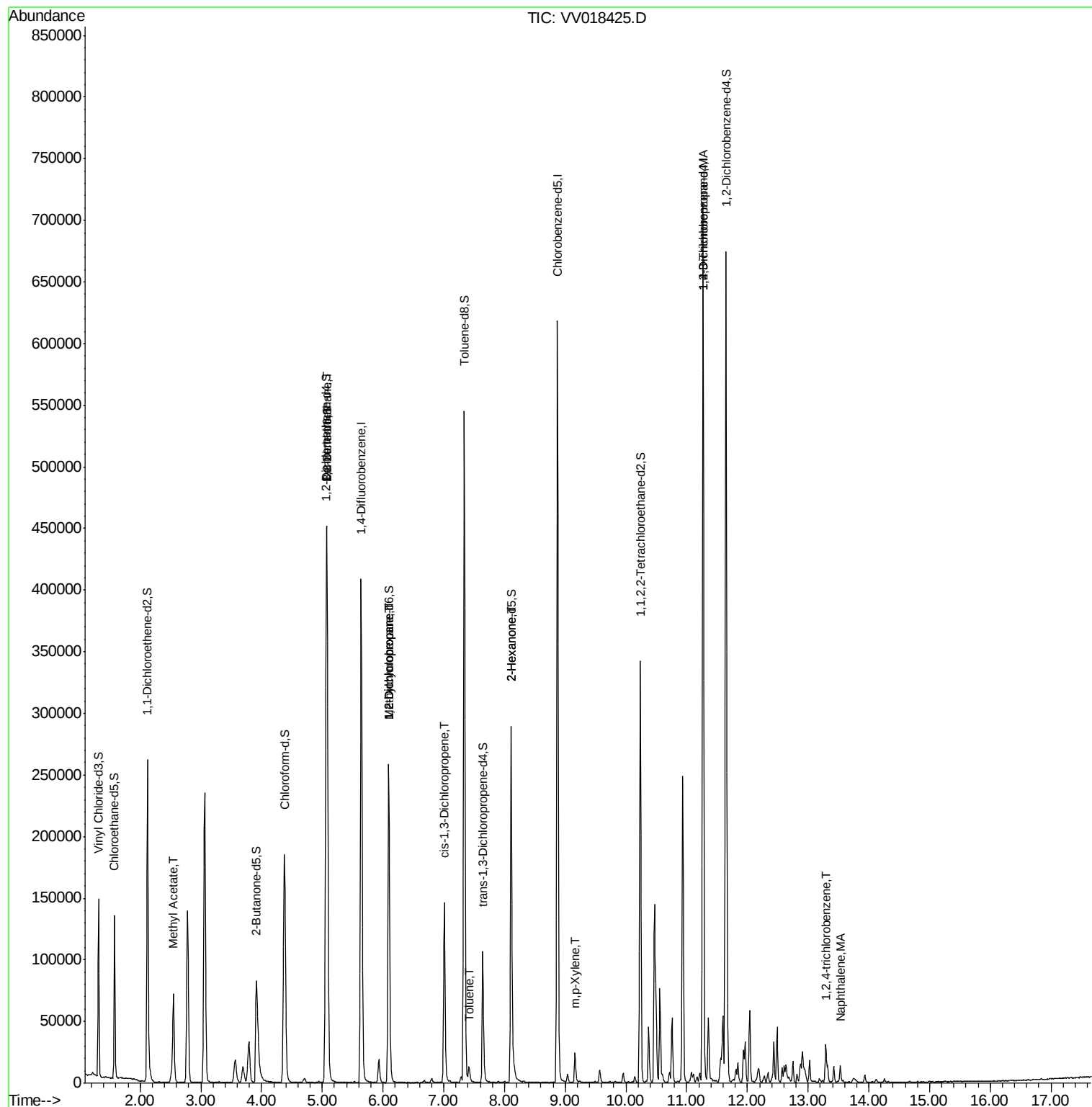
					Ovalue
15) Methyl Acetate	2.55	43	45580	18.288	ug/L # 53
27) 1,2-Dichloroethane	5.07	62	2384	0.682	ug/L # 74
35) Methylcyclohexane	6.09	83	30923	7.821	ug/L # 18
37) 1,2-Dichloropropane	6.09	63	13394	5.244	ug/L # 87
39) cis-1,3-Dichloropropene	7.01	75	3481	0.884	ug/L # 58
42) Toluene	7.42	91	10094	0.989	ug/L 98
48) 2-Hexanone	8.11	43	11588	4.743	ug/L # 73
53) m,p-Xylene	9.16	106	7303	1.757	ug/L 93
59) 1,2,3-Trichloropropane	11.27	75	20558	6.843	ug/L 90
68) 1,2,4-trichlorobenzene	13.29	180	2523	0.666	ug/L 93
69) Naphthalene	13.53	128	10891	1.137	ug/L 98

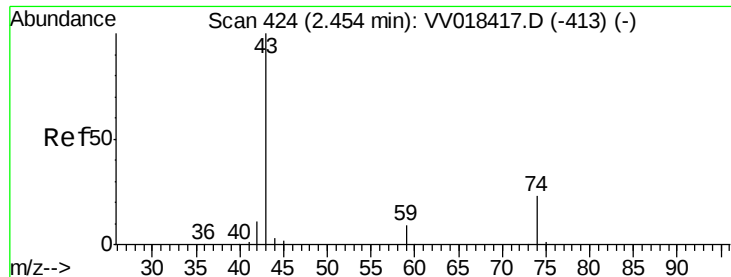
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 25 04:45:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 25 04:36:20 2020
Response via : Initial Calibration





#15

Methyl Acetate

Concen: 18.288 ug/L

RT: 2.55 min Scan# 453

Delta R.T. 0.09 min

Lab File: VV018425.D

Acq: 24 Sep 2020 13:43

Instrument :

MSVOA_V

ClientSampleId :

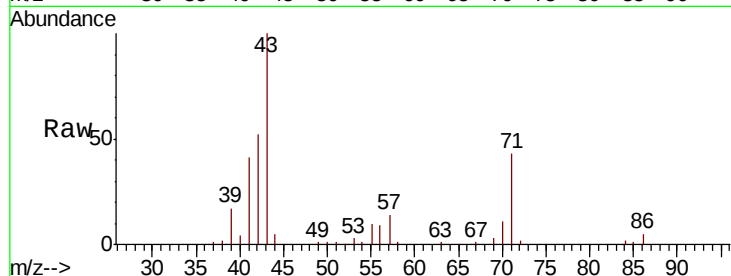
BG3X2

Tot Ion: 43 Resp: 45580

Ion Ratio Lower Upper

43 100

74 0.0 18.4 27.6#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0

25000

20000

15000

10000

5000

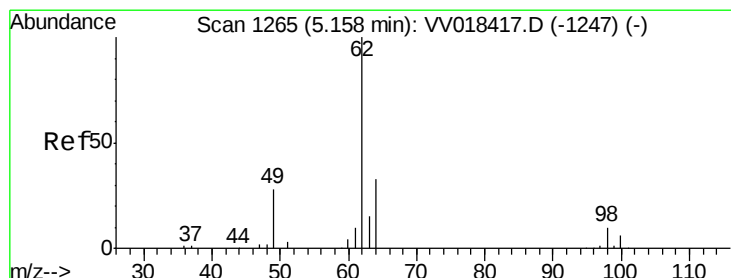
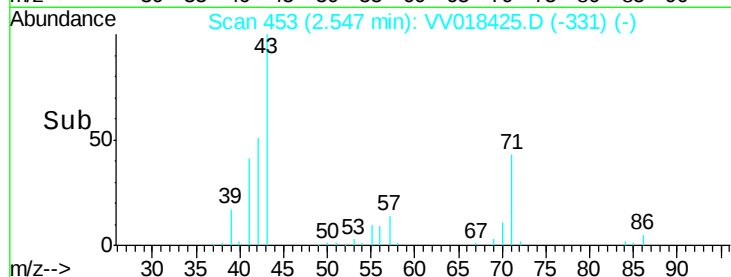
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Time-->

2.50

2.55

2.60



#27

1,2-Dichloroethane

Concen: 0.682 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV018425.D

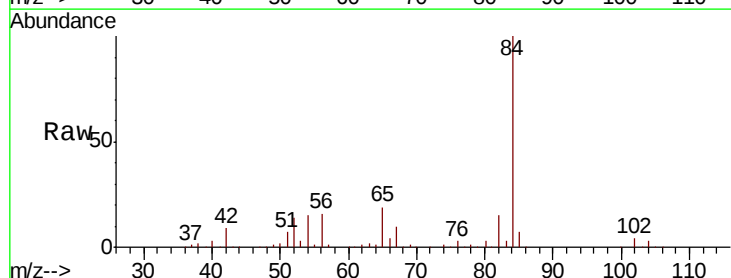
Acq: 24 Sep 2020 13:43

Tgt Ion: 62 Resp: 2384

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

1200

1000

800

600

400

200

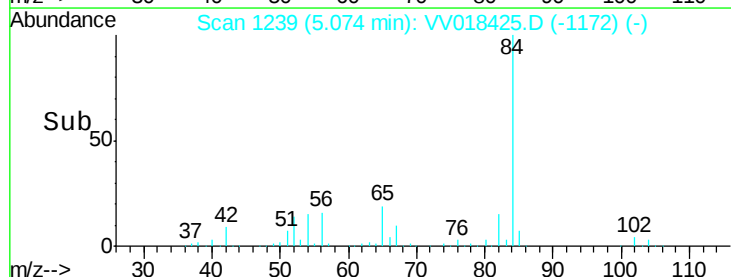
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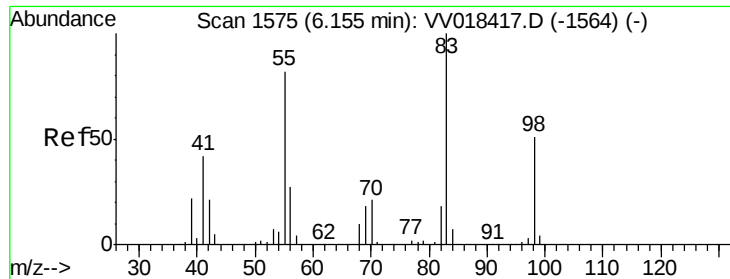
Time-->

5.05

5.07

5.10

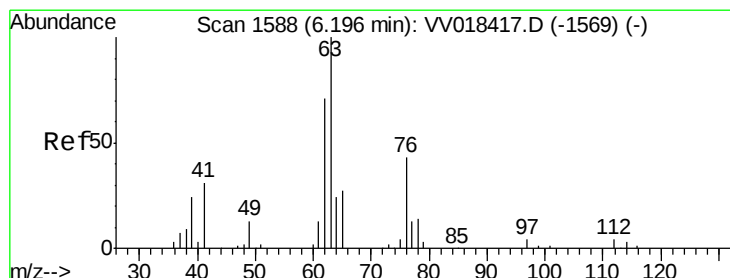
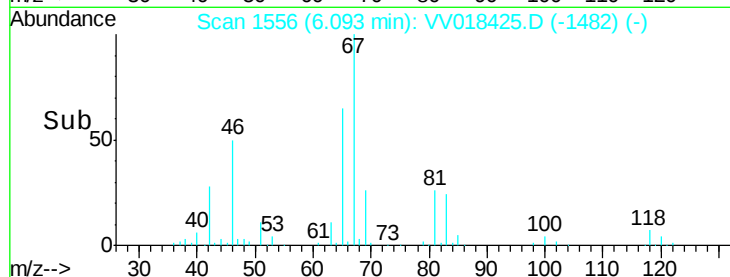
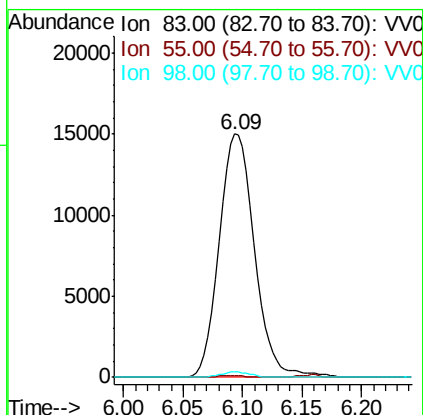
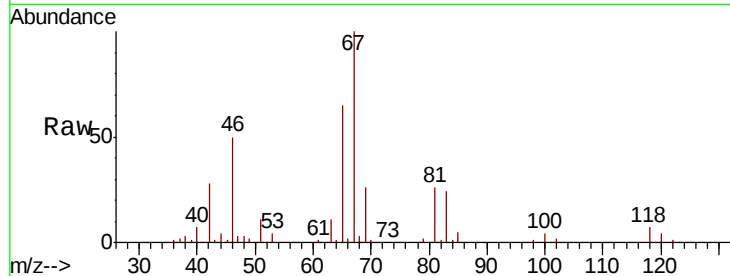




#35
Methvlcvclohexane
Concen: 7.821 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018425.D
Acq: 24 Sep 2020 13:43

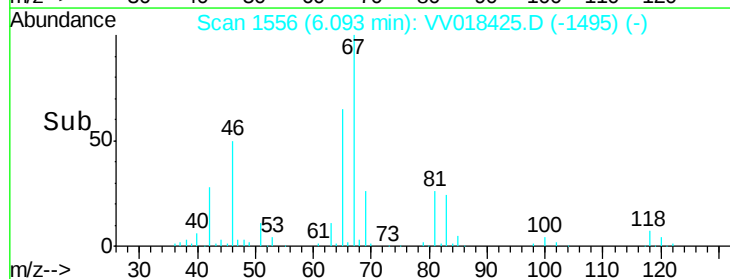
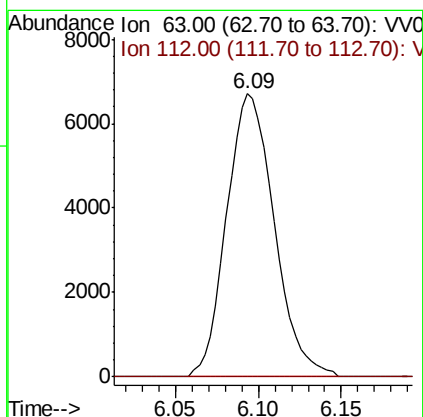
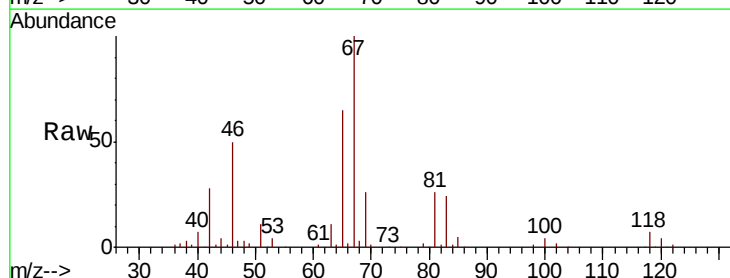
Instrument :
MSVOA_V
ClientSampleId :
BG3X2

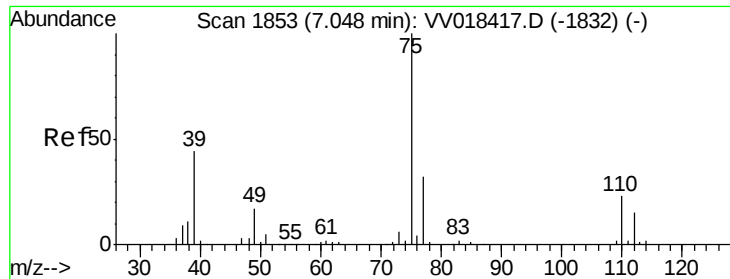
Tot Ion: 83 Resp: 30923
Ion Ratio Lower Upper
83 100
55 0.4 63.4 95.2#
98 1.8 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 5.244 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018425.D
Acq: 24 Sep 2020 13:43

Tgt Ion: 63 Resp: 13394
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

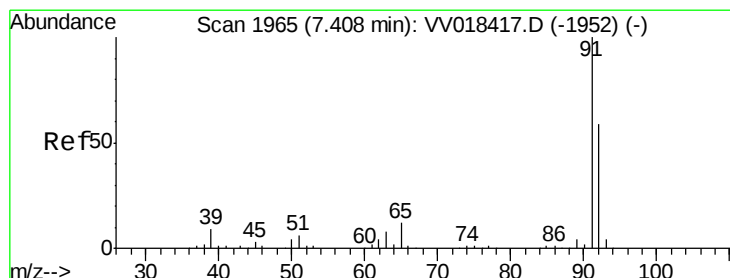
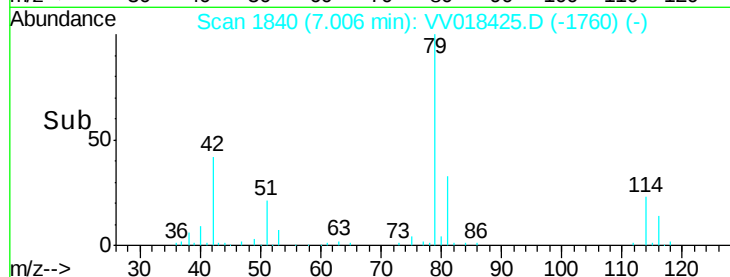
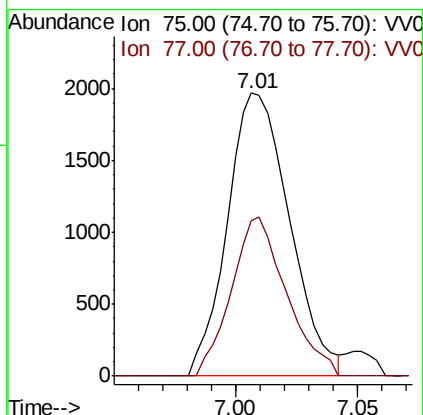
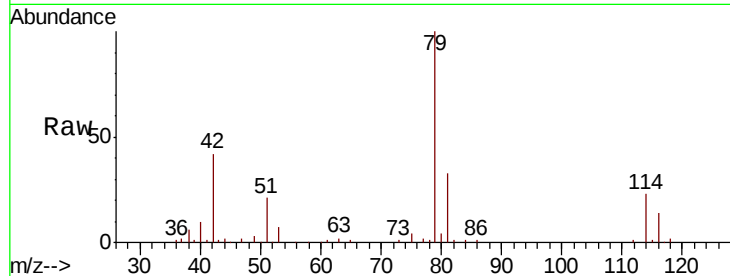




#39
 cis-1,3-Dichloropropene
 Concen: 0.884 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018425.D
 Acq: 24 Sep 2020 13:43

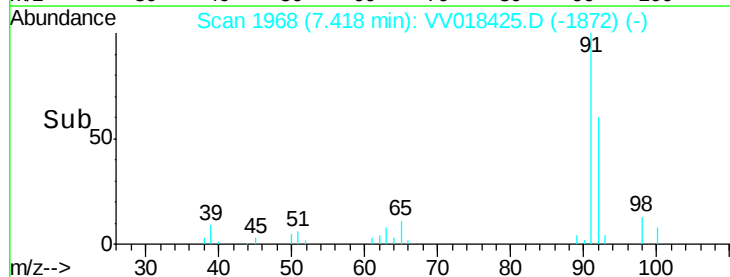
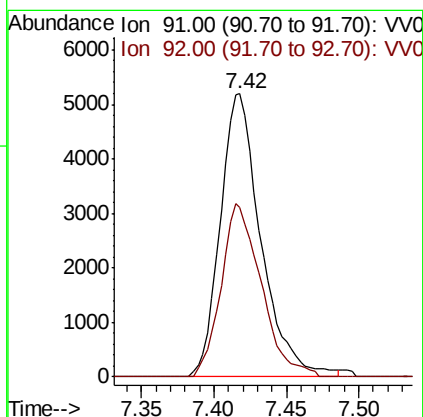
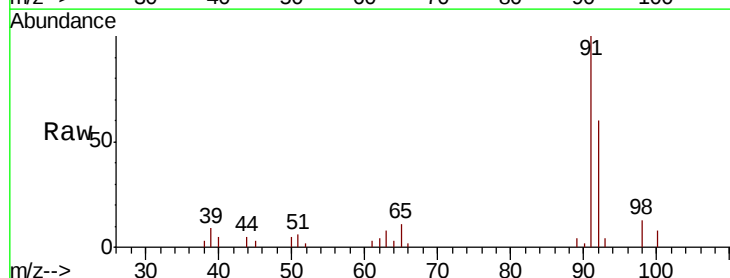
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3X2

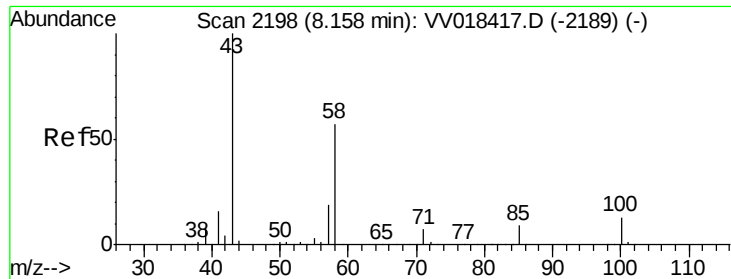
Tot Ion: 75 Resp: 3481
 Ion Ratio Lower Upper
 75 100
 77 55.1 22.3 41.3#



#42
 Toluene
 Concen: 0.989 ug/L
 RT: 7.42 min Scan# 1968
 Delta R.T. 0.01 min
 Lab File: VV018425.D
 Acq: 24 Sep 2020 13:43

Tgt Ion: 91 Resp: 10094
 Ion Ratio Lower Upper
 91 100
 92 59.8 40.7 75.5

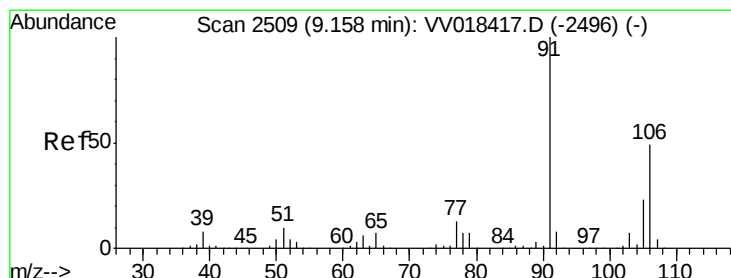
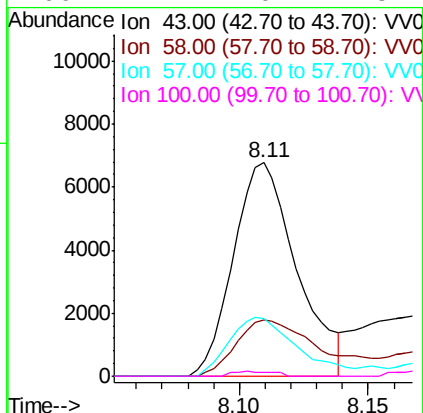
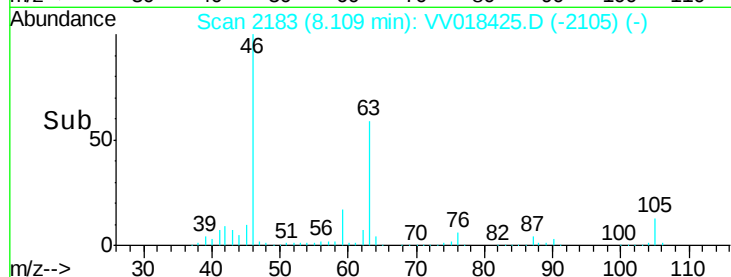
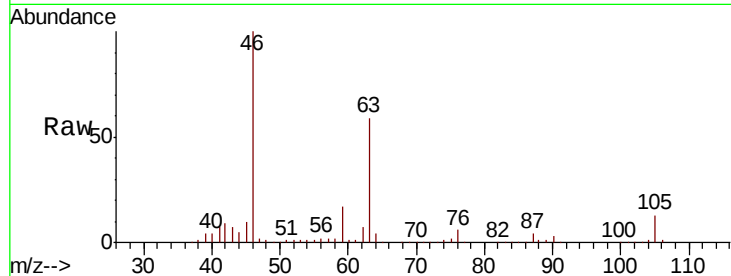




#48
2-Hexanone
Concen: 4.743 ug/L
RT: 8.11 min Scan# 2183
Delta R.T. -0.05 min
Lab File: VV018425.D
Acq: 24 Sep 2020 13:43

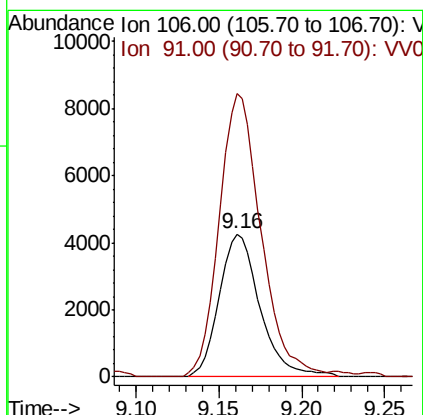
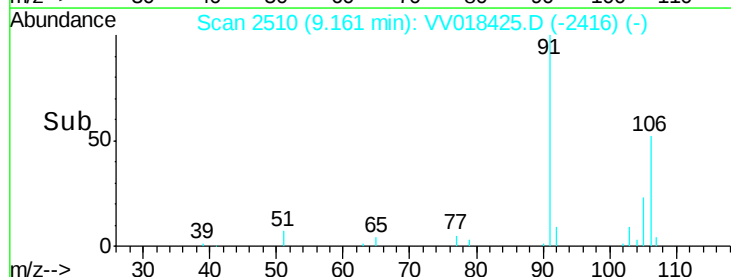
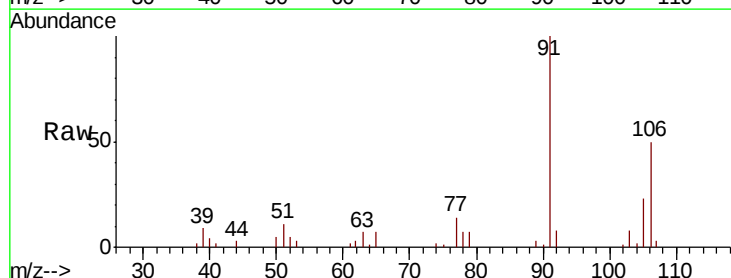
Instrument :
MSVOA_V
ClientSampleId :
BG3X2

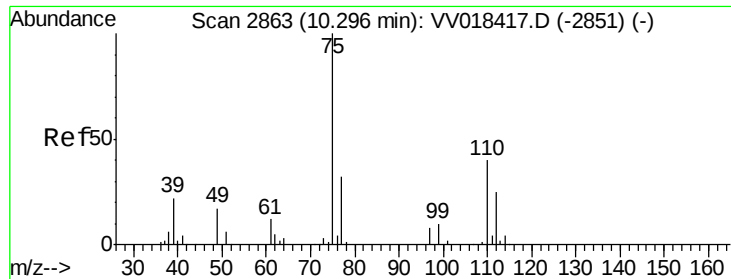
Tot Ion: 43 Resp: 11588
Ion Ratio Lower Upper
43 100
58 35.7 44.8 67.2#
57 29.6 15.8 23.6#
100 1.1 10.2 15.4#



#53
m,p-Xylene
Concen: 1.757 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV018425.D
Acq: 24 Sep 2020 13:43

Tgt Ion: 106 Resp: 7303
Ion Ratio Lower Upper
106 100
91 198.0 146.7 272.5

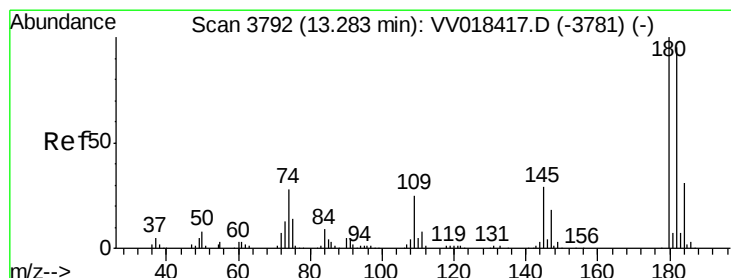
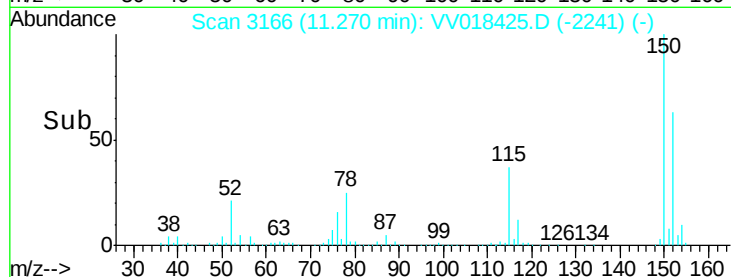
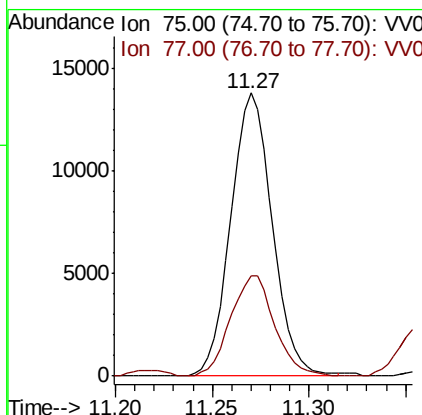
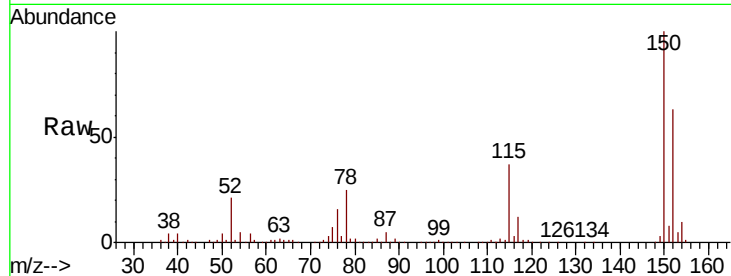




#59
 1,2,3-Trichloropropane
 Concen: 6.843 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.97 min
 Lab File: VV018425.D
 Acq: 24 Sep 2020 13:43

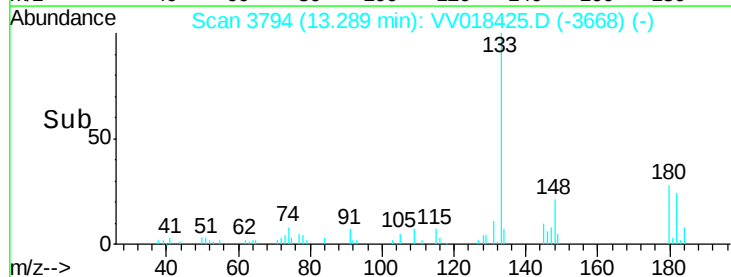
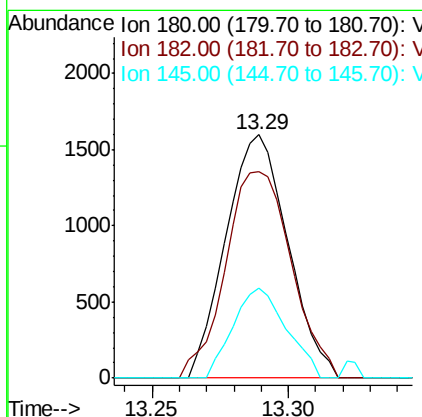
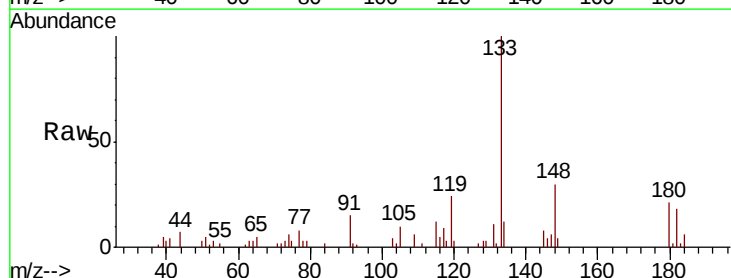
Instrument :
 MSVOA_V
 ClientSampled :
 BG3X2

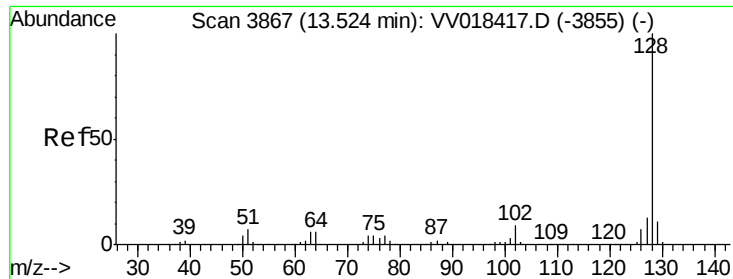
Tot Ion: 75 Resp: 20558
 Ion Ratio Lower Upper
 75 100
 77 37.6 25.8 38.6



#68
 1,2,4-trichlorobenzene
 Concen: 0.666 ug/L
 RT: 13.29 min Scan# 3794
 Delta R.T. 0.01 min
 Lab File: VV018425.D
 Acq: 24 Sep 2020 13:43

Tgt Ion: 180 Resp: 2523
 Ion Ratio Lower Upper
 180 100
 182 90.1 77.4 116.2
 145 31.9 23.2 34.8





#69

Naphthalene

Concen: 1.137 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.01 min

Lab File: VV018425.D

Acq: 24 Sep 2020 13:43

Instrument :

MSVOA_V

ClientSampleId :

BG3X2

Tot Ion:128 Resp: 10891

Ion Ratio Lower Upper

128 100

127 12.0 10.6 15.8

129 10.7 8.6 13.0

