

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092320\
 Data File : VV018410.D
 Acq On : 23 Sep 2020 13:42
 Operator : SY/MD
 Sample : VV0923WBL04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK302

Quant Time: Sep 24 07:56:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM092320W.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 24 07:48:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	303502	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	301433	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	150209	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82359	43.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.48%
7) Chloroethane-d5	1.58	69	72527	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.48%
11) 1,1-Dichloroethene-d2	2.12	63	126532	32.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.10%
21) 2-Butanone-d5	3.92	46	125784	93.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.18%
24) Chloroform-d	4.38	84	169975	43.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.08%
26) 1,2-Dichloroethane-d4	5.06	65	114183	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.14%
32) Benzene-d6	5.08	84	341543	45.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.96%
36) 1,2-Dichloropropane-d6	6.09	67	112931	46.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.28%
41) Toluene-d8	7.34	98	308126	44.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.70%
43) trans-1,3-Dichloropropene-	7.64	79	53923	43.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.82%
47) 2-Hexanone-d5	8.11	63	78912	87.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.60%
56) 1,1,2,2-Tetrachloroethane-	10.24	84	134293	42.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.46%
66) 1,2-Dichlorobenzene-d4	11.65	152	135302	48.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.76%

Target Compounds

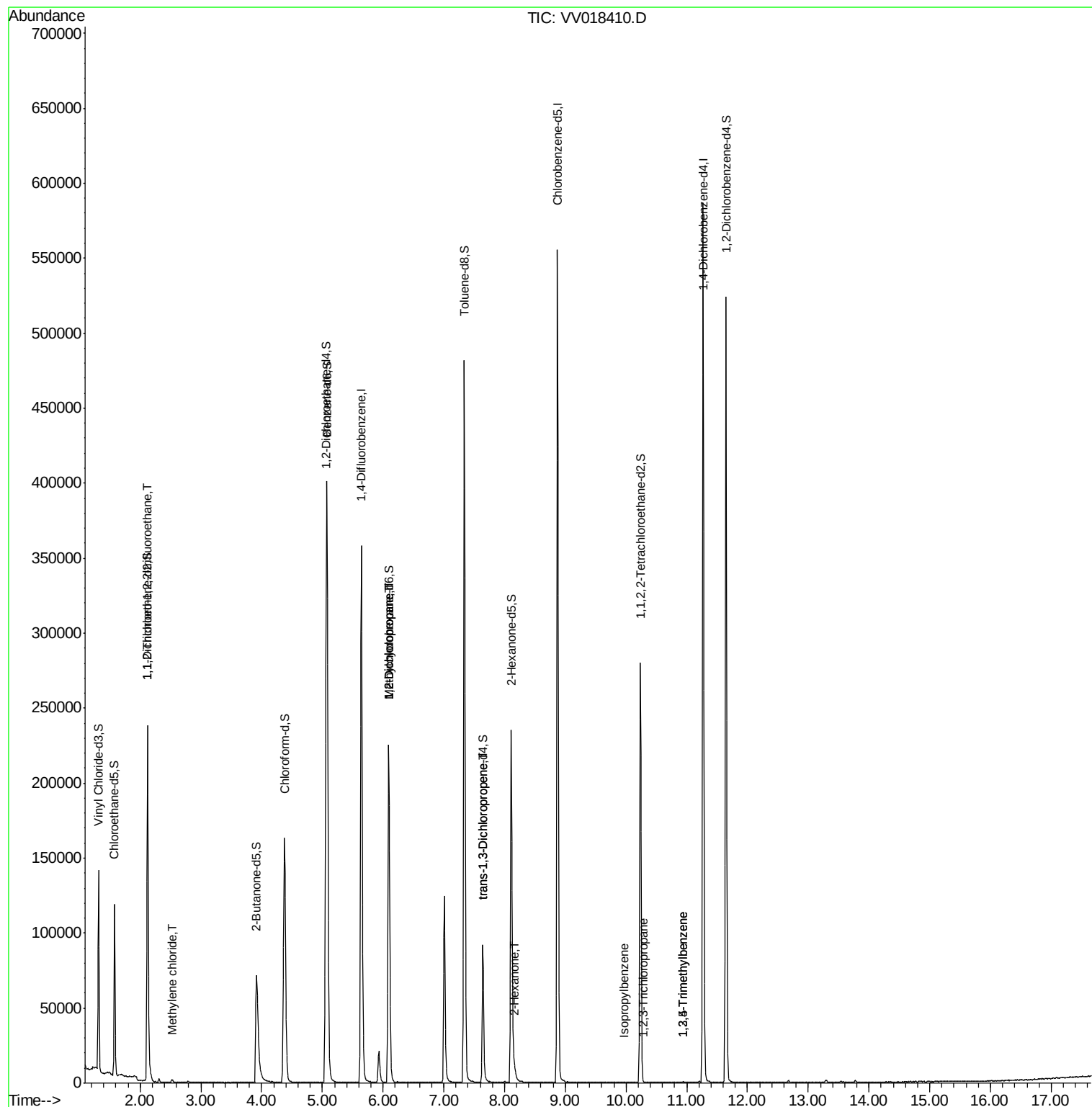
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1370	0.618	ug/L #	29
16) Methylene chloride	2.53	84	898	0.376	ug/L	85
35) Methylcyclohexane	6.09	83	26369	7.318	ug/L #	18
37) 1,2-Dichloropropane	6.09	63	12195	5.109	ug/L #	86
44) trans-1,3-Dichloropropene	7.64	75	2356	0.664	ug/L #	83
48) 2-Hexanone	8.17	43	4069	1.695	ug/L #	88
60) Isopropylbenzene	9.96	105	386	0.042	ug/L #	54
61) 1,2,3-Trichloropropane	10.30	75	45	0.017	ug/L #	39
62) 1,3,5-Trimethylbenzene	10.94	105	234	0.031	ug/L	88
63) 1,2,4-Trimethylbenzene	10.94	105	234	0.030	ug/L	94

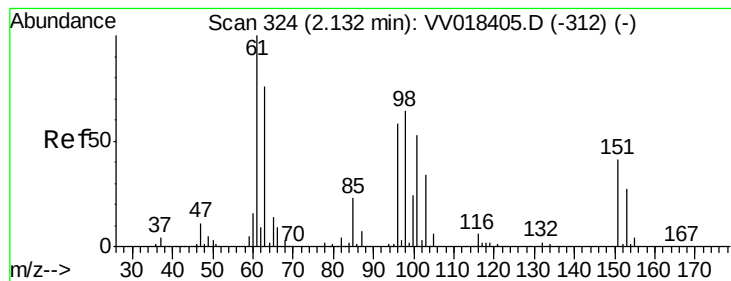
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 24 07:48:50 2020
Response via : Initial Calibration





#10

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

Concen: 0.618 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018410.D

Acq: 23 Sep 2020 13:42

Instrument :

MSVOA_V

ClientSampled :

VBLK302

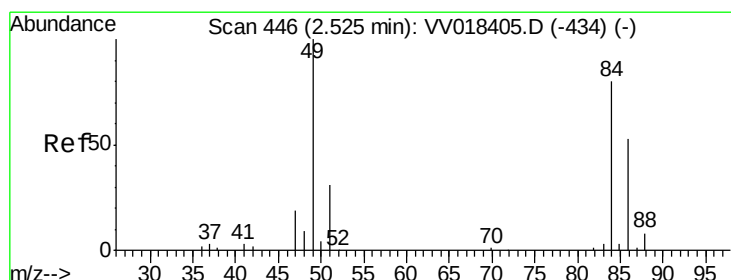
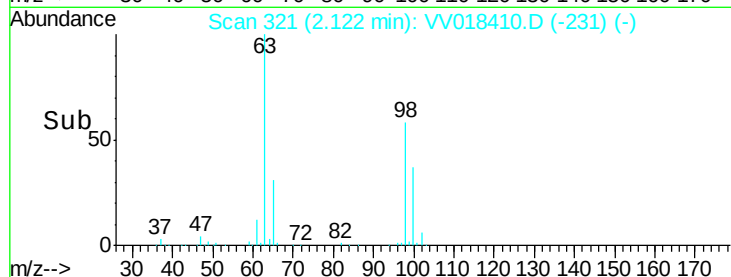
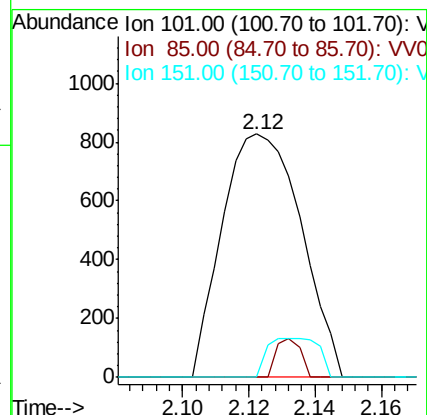
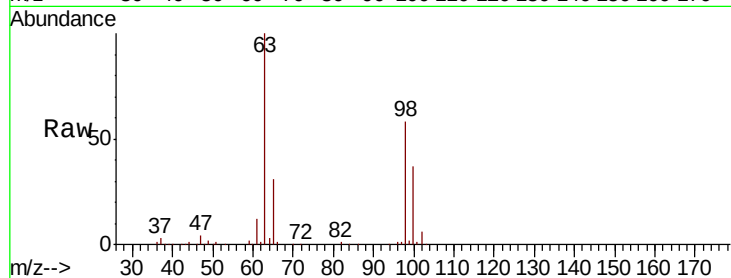
Tot Ion:101 Resp: 1370

Ion Ratio Lower Upper

101 100

85 4.9 34.6 51.8#

151 10.3 62.4 93.6#



#16

Methylene chloride

Concen: 0.376 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.00 min

Lab File: VV018410.D

Acq: 23 Sep 2020 13:42

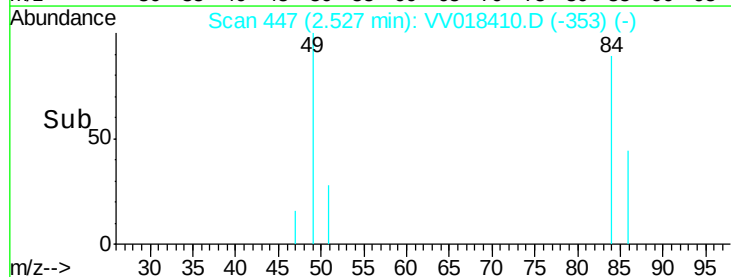
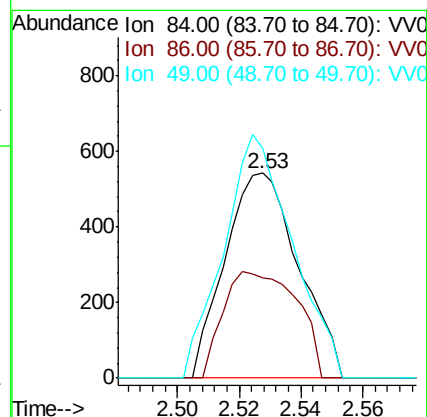
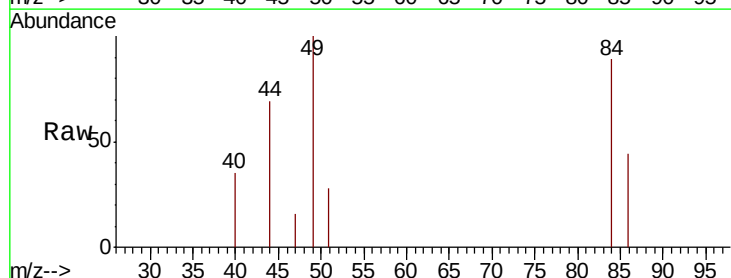
Tgt Ion: 84 Resp: 898

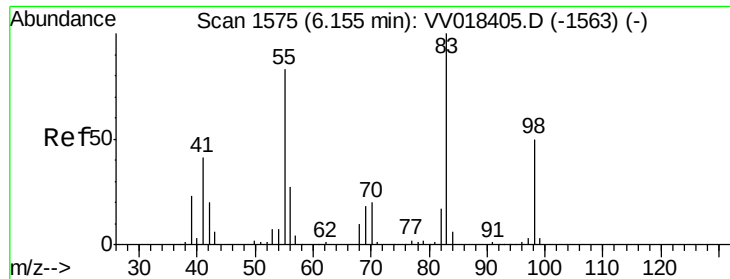
Ion Ratio Lower Upper

84 100

86 49.3 46.0 85.4

49 112.2 87.5 162.5

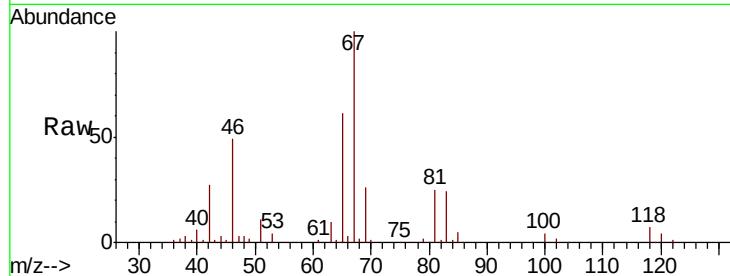




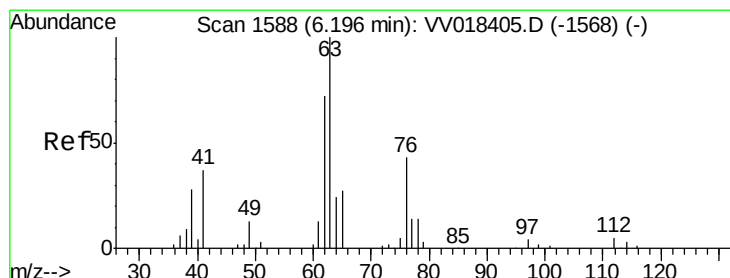
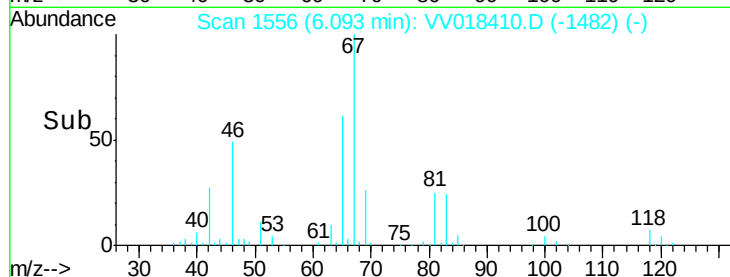
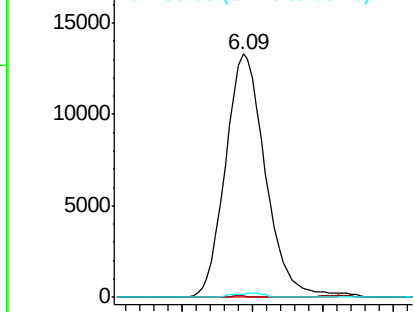
#35
Methvlcvclohexane
Concen: 7.318 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018410.D
Acq: 23 Sep 2020 13:42

Instrument :
MSVOA_V
ClientSampleId :
VBLK302

Tot Ion: 83 Resp: 26369
Ion Ratio Lower Upper
83 100
55 0.2 63.6 95.4#
98 1.3 38.6 58.0#

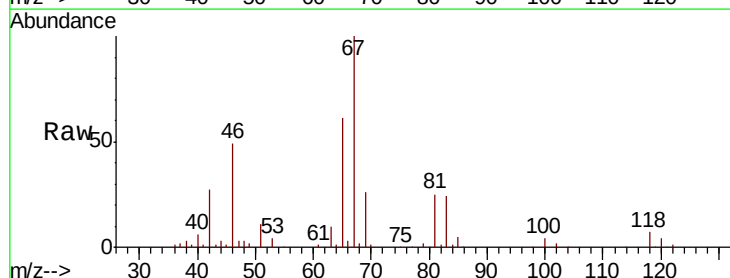


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

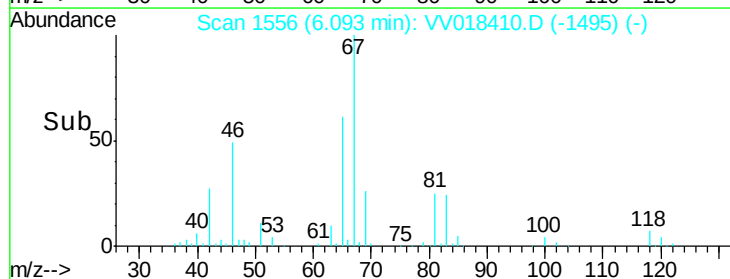
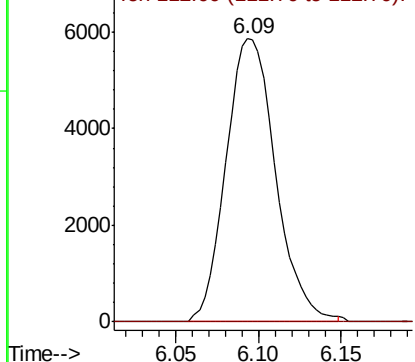


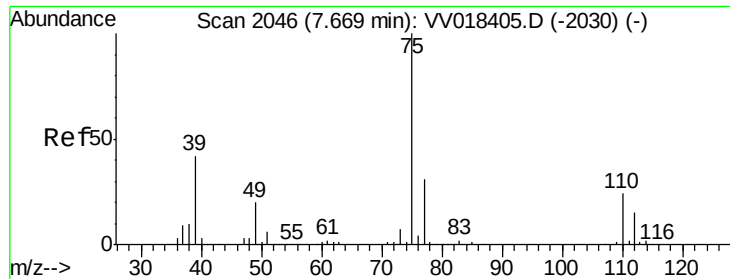
#37
1,2-Dichloropropane
Concen: 5.109 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018410.D
Acq: 23 Sep 2020 13:42

Tgt Ion: 63 Resp: 12195
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V





#44

trans-1,3-Dichloropropene

Concen: 0.664 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV018410.D

Acq: 23 Sep 2020 13:42

Instrument :

MSVOA_V

ClientSampled :

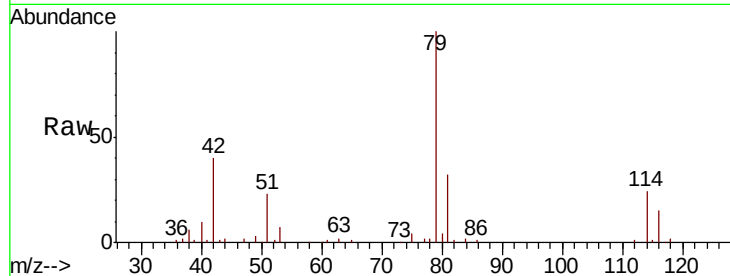
VBLK302

Tot Ion: 75 Resp: 2356

Ion Ratio Lower Upper

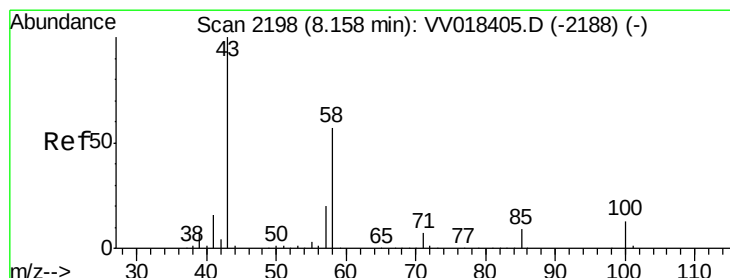
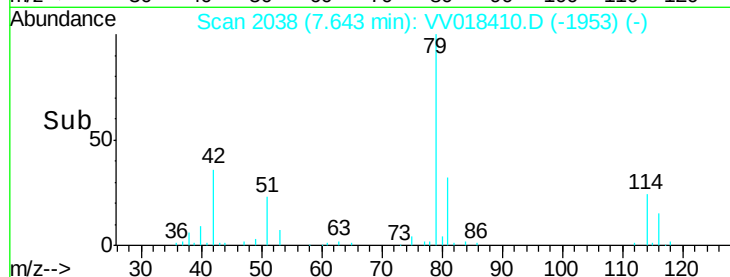
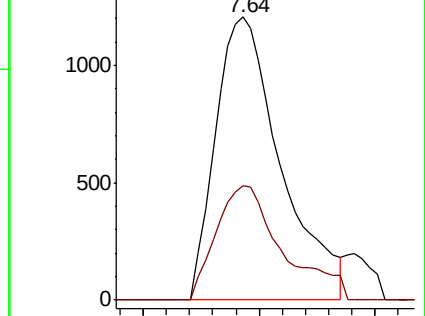
75 100

77 40.6 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#48

2-Hexanone

Concen: 1.695 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV018410.D

Acq: 23 Sep 2020 13:42

Tgt Ion: 43 Resp: 4069

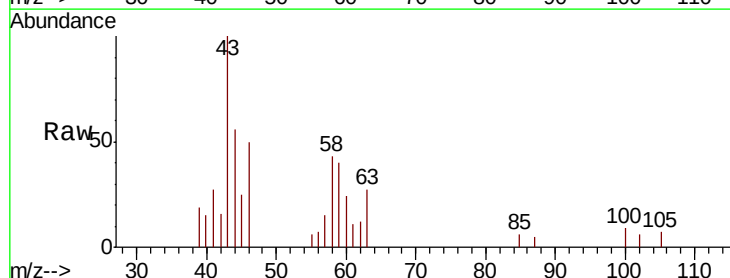
Ion Ratio Lower Upper

43 100

58 56.7 45.4 68.0

57 0.0 16.0 24.0#

100 7.2 10.1 15.1#

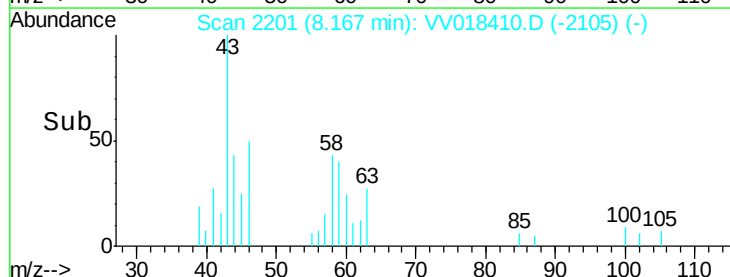
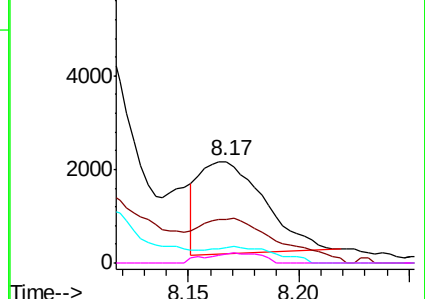


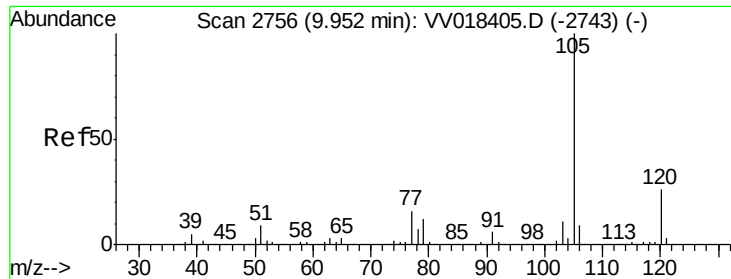
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#60

Isopropylbenzene

Concen: 0.042 ug/L

RT: 9.96 min Scan# 2758

Delta R.T. 0.01 min

Lab File: VV018410.D

Acq: 23 Sep 2020 13:42

Instrument :

MSVOA_V

ClientSampleId :

VBLK302

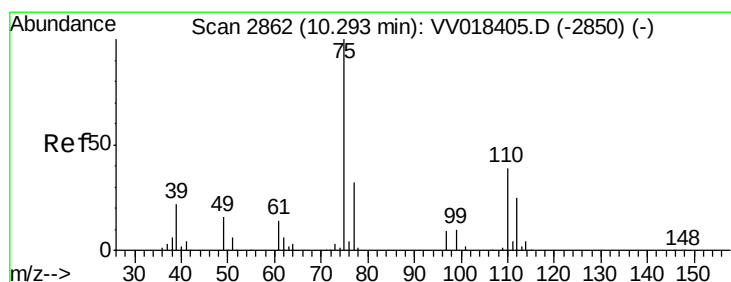
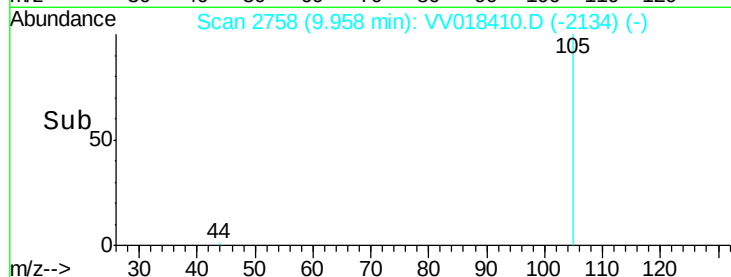
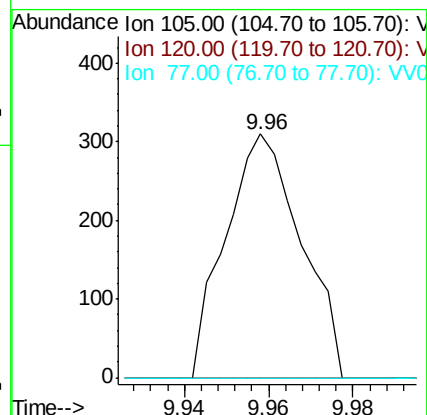
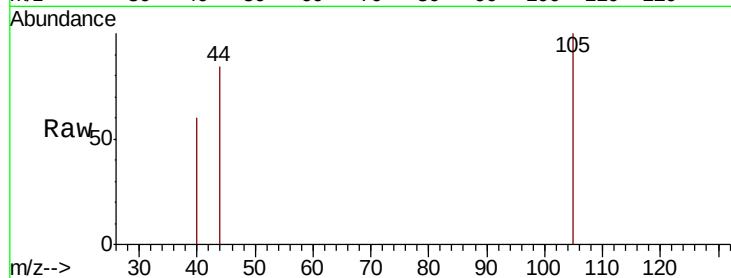
Tot Ion:105 Resp: 386

Ion Ratio Lower Upper

105 100

120 0.0 20.8 31.2#

77 0.0 12.8 19.2#



#61

1,2,3-Trichloropropane

Concen: 0.017 ug/L

RT: 10.30 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VV018410.D

Acq: 23 Sep 2020 13:42

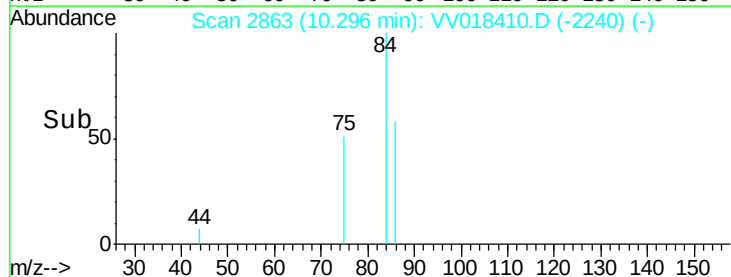
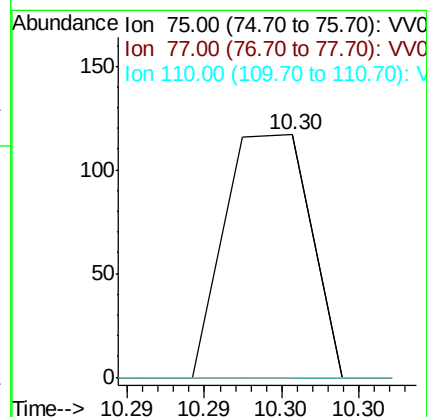
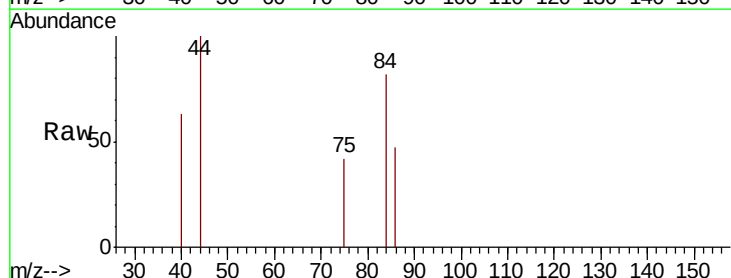
Tgt Ion: 75 Resp: 45

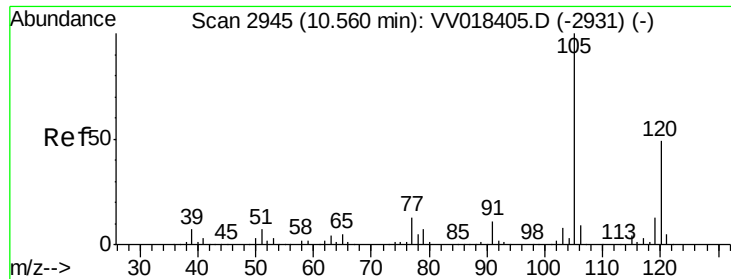
Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.8#

110 0.0 31.5 47.3#

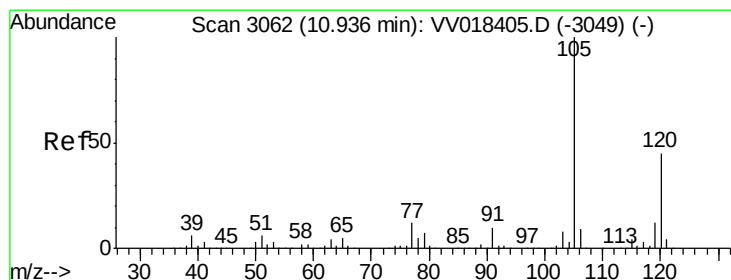
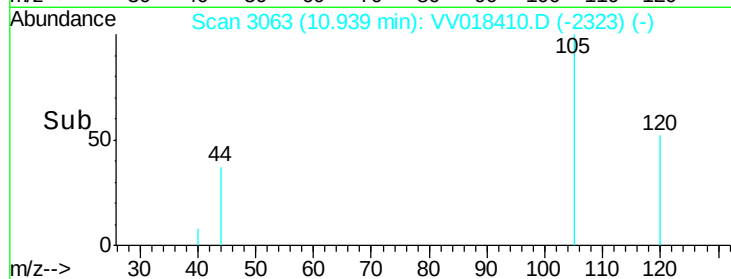
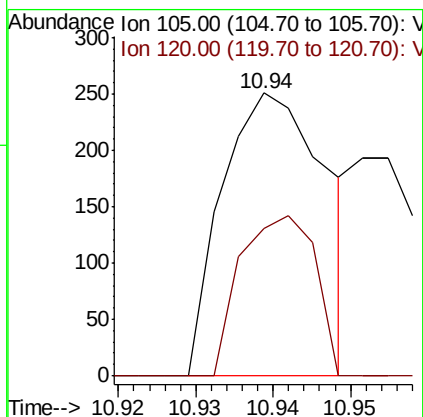
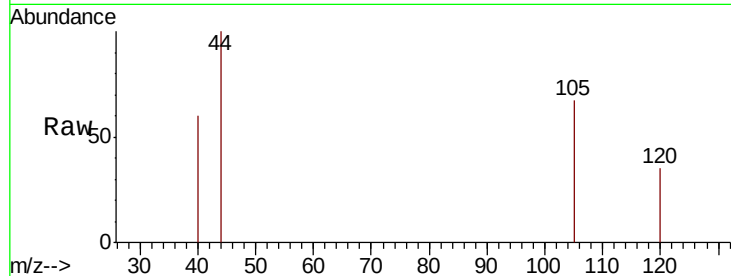




#62
 1,3,5-Trimethylbenzene
 Concen: 0.031 ug/L
 RT: 10.94 min Scan# 3063
 Delta R.T. 0.38 min
 Lab File: VV018410.D
 Acq: 23 Sep 2020 13:42

Instrument :
 MSVOA_V
 ClientSampled :
 VBLK302

Tot Ion:105 Resp: 234
 Ion Ratio Lower Upper
 105 100
 120 41.0 39.1 58.7



#63
 1,2,4-Trimethylbenzene
 Concen: 0.030 ug/L
 RT: 10.94 min Scan# 3063
 Delta R.T. 0.00 min
 Lab File: VV018410.D
 Acq: 23 Sep 2020 13:42

Tgt Ion:105 Resp: 234
 Ion Ratio Lower Upper
 105 100
 120 41.0 36.2 54.2

