

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052620\
 Data File : VV016210.D
 Acq On : 26 May 2020 23:11
 Operator : SY/MD
 Sample : L2753-19
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 27 03:18:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 27 03:06:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	93846	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	89988	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	41658	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28925	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.58	69	25436	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.13	63	40897	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	3.94	46	79706	53.31	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.62%
24) Chloroform-d	4.38	84	55794	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.06	65	31394	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.08	84	110489	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.10	67	33864	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.34	98	99046	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
45) trans-1,3-Dichloropropene-	7.65	79	12360	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
48) 2-Hexanone-d5	8.12	63	56318	47.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.54%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24063	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	35086	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

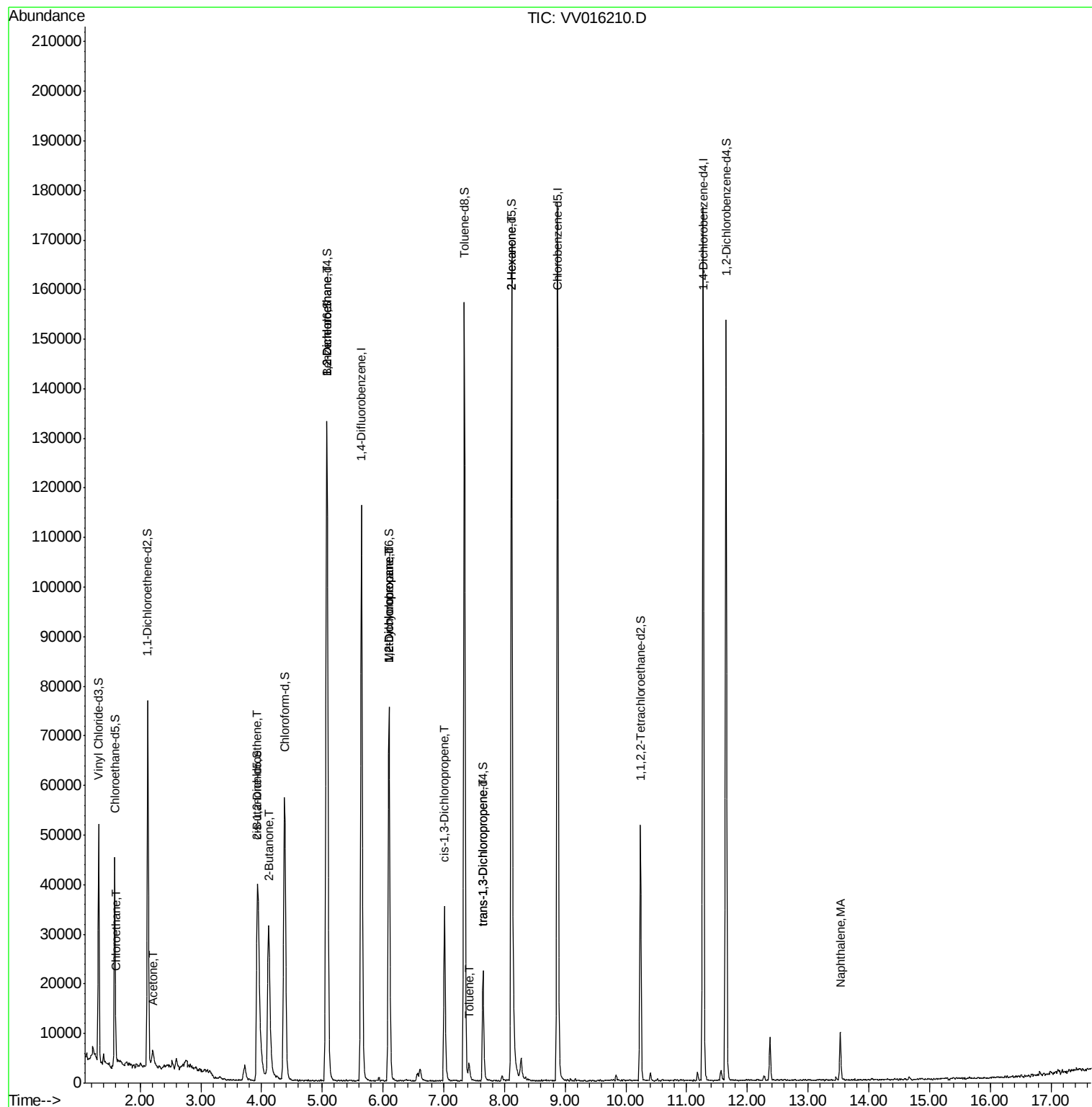
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.60	64	877	0.191	ug/L #	42
13) Acetone	2.21	43	5566	6.014	ug/L	90
21) 2-Butanone	4.12	43	54200	32.923	ug/L #	57
22) cis-1,2-Dichloroethene	3.94	96	473	0.066	ug/L	98
27) 1,2-Dichloroethane	5.08	62	761	0.096	ug/L #	79
35) Methylcyclohexane	6.10	83	8887	0.781	ug/L #	16
37) 1,2-Dichloropropane	6.09	63	4223	0.665	ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	960	0.107	ug/L #	65
42) Toluene	7.42	91	2468	0.087	ug/L	100
46) trans-1,3-Dichloropropene	7.65	75	616	0.082	ug/L	97
50) 2-Hexanone	8.11	43	8049	2.921	ug/L #	80
70) Naphthalene	13.53	128	7875	0.456	ug/L	98

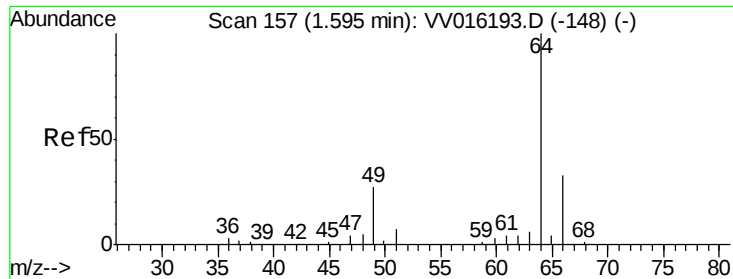
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.191 ug/L

RT: 1.60 min Scan# 160

Delta R.T. 0.01 min

Lab File: VV016210.D

Acq: 26 May 2020 23:11

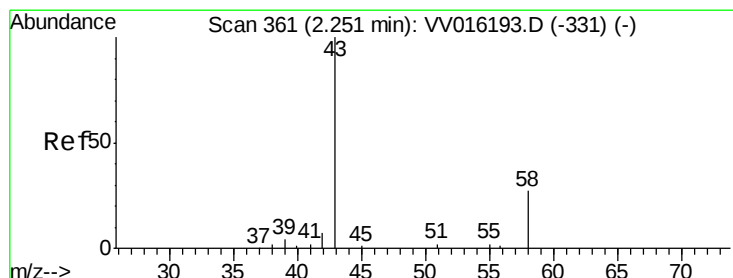
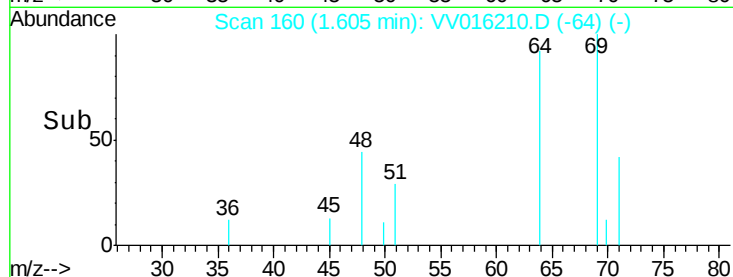
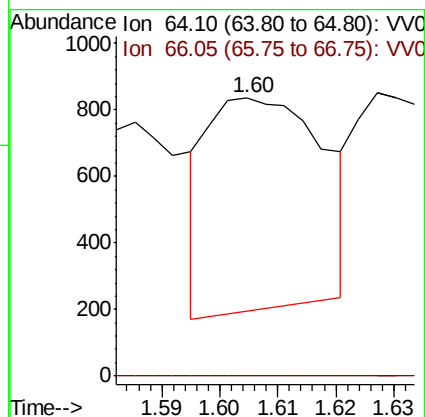
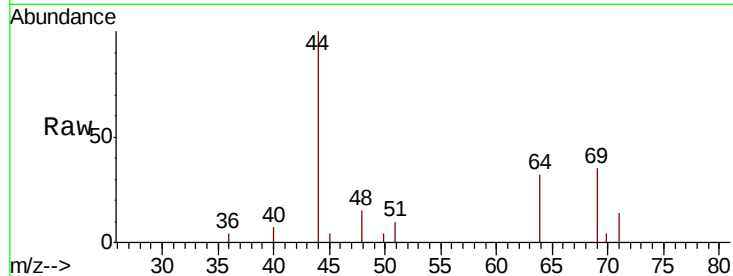
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 64 Resp: 877

Ion Ratio Lower Upper

64 100

66 0.0 22.9 42.5#



#13

Acetone

Concen: 6.014 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.05 min

Lab File: VV016210.D

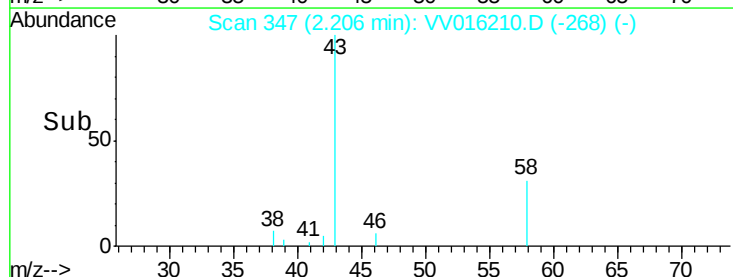
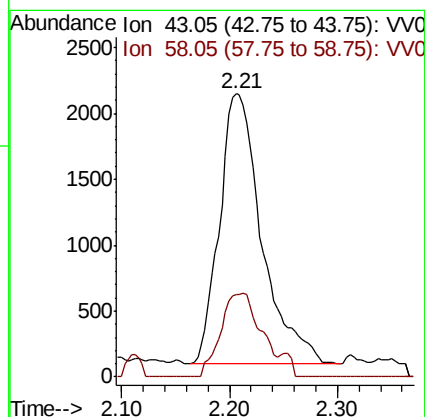
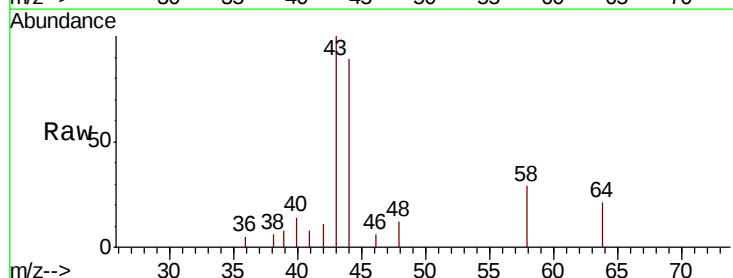
Acq: 26 May 2020 23:11

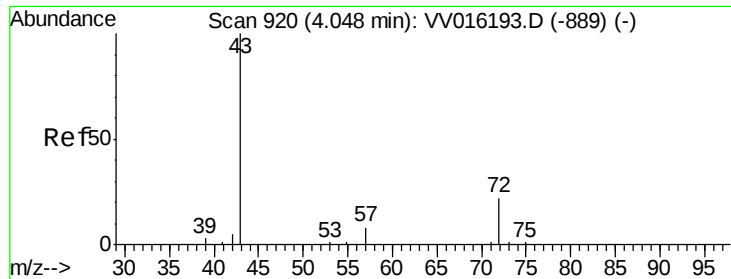
Tgt Ion: 43 Resp: 5566

Ion Ratio Lower Upper

43 100

58 29.2 0.0 48.8





#21

2-Butanone

Concen: 32.923 ug/L

RT: 4.12 min Scan# 941

Delta R.T. 0.07 min

Lab File: VV016210.D

Acq: 26 May 2020 23:11

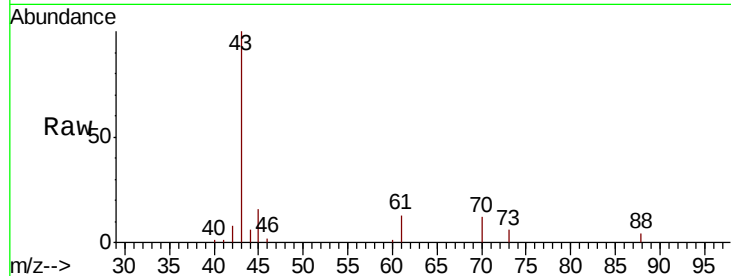
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 54200

Ion Ratio Lower Upper

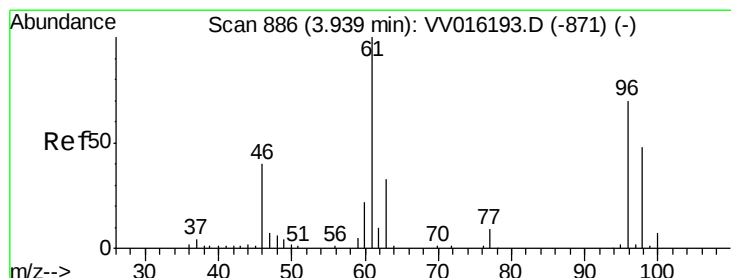
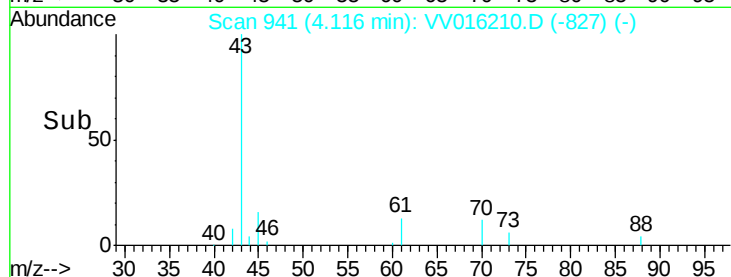
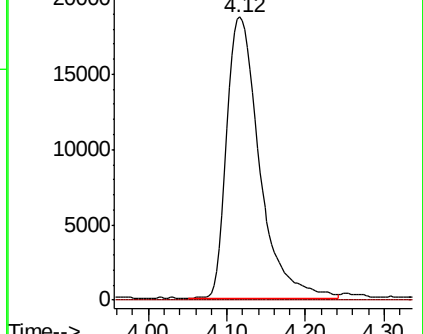
43 100

72 0.0 9.7 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0



#22

cis-1,2-Dichloroethene

Concen: 0.066 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

Lab File: VV016210.D

Acq: 26 May 2020 23:11

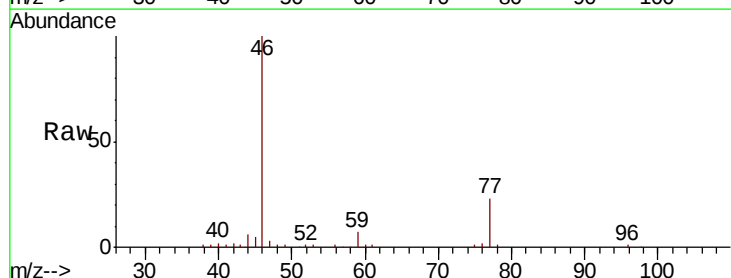
Tgt Ion: 96 Resp: 473

Ion Ratio Lower Upper

96 100

61 140.2 99.7 185.1

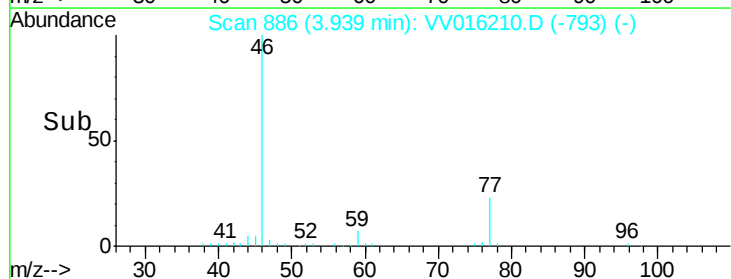
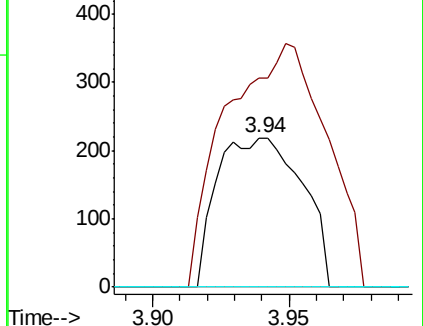
68 0.0 0.0 0.0

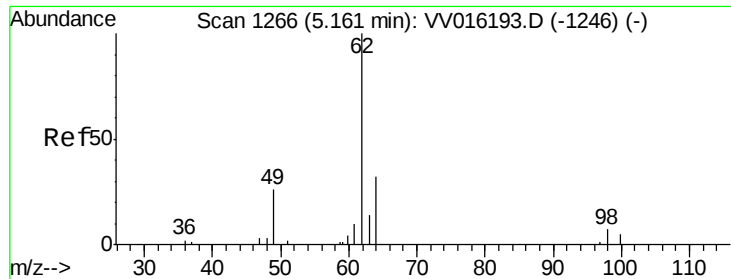


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

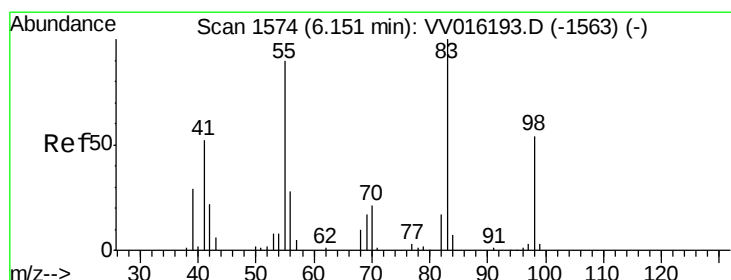
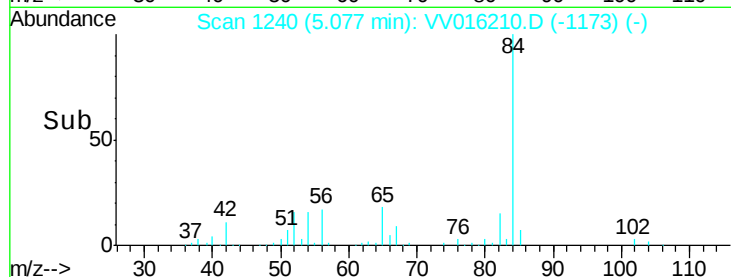
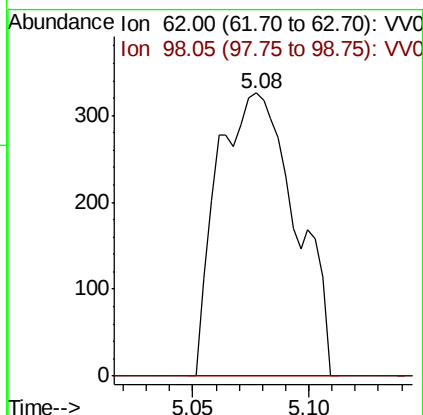
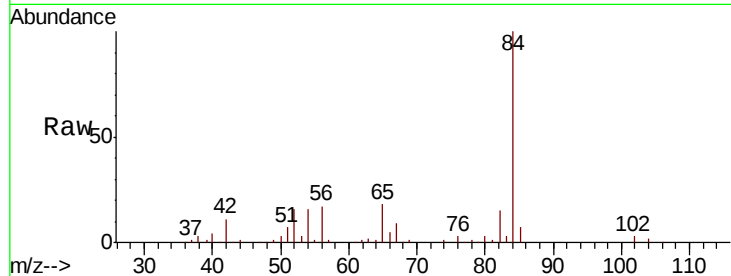




#27
 1,2-Dichloroethane
 Concen: 0.096 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.08 min
 Lab File: VV016210.D
 Acq: 26 May 2020 23:11

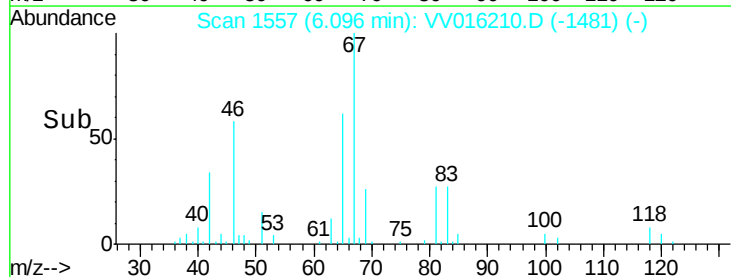
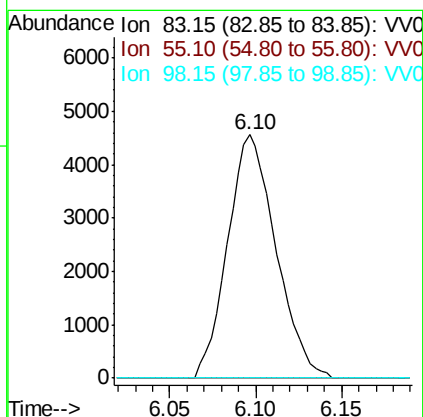
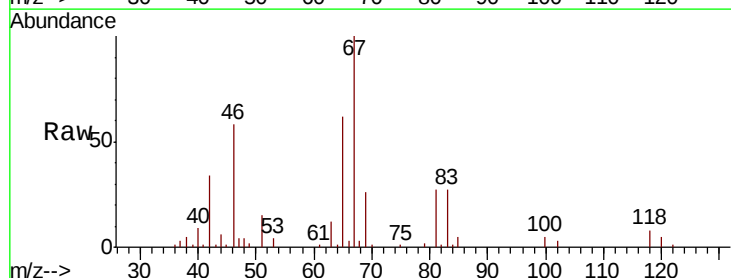
Instrument :
 MSVOA_V
 ClientSampleId :

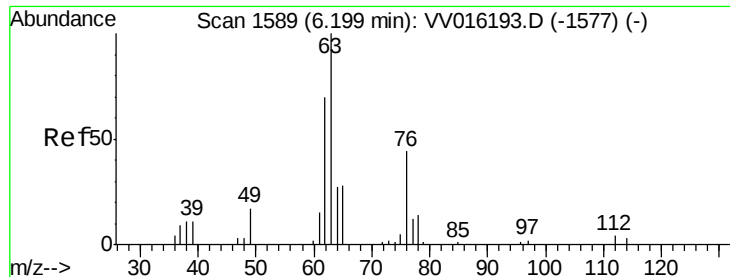
Tot Ion: 62 Resp: 761
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.7 8.5#



#35
 Methylcyclohexane
 Concen: 0.781 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV016210.D
 Acq: 26 May 2020 23:11

Tgt Ion: 83 Resp: 8887
 Ion Ratio Lower Upper
 83 100
 55 0.0 65.4 98.0#
 98 0.7 39.3 58.9#

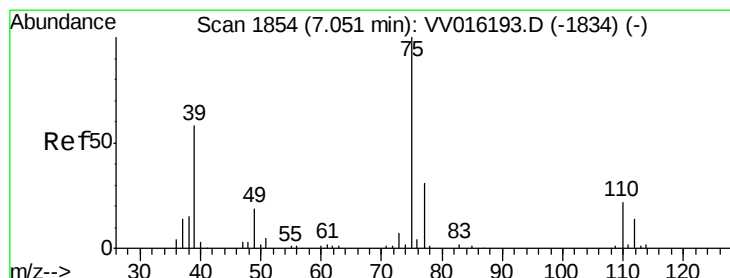
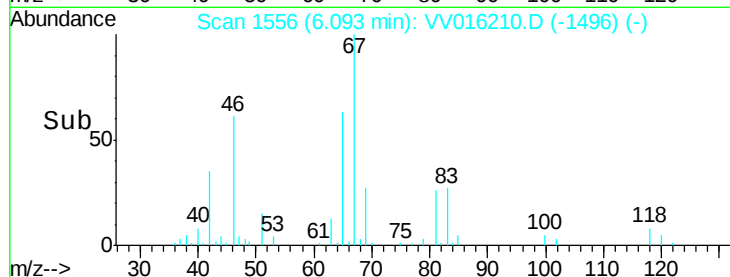
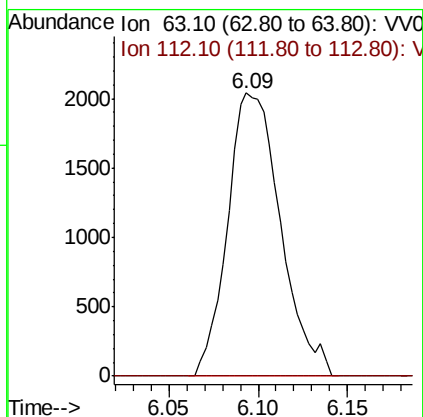
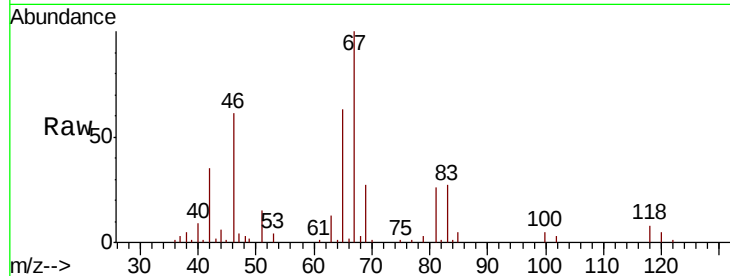




#37
 1,2-Dichloropropane
 Concen: 0.665 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.11 min
 Lab File: VV016210.D
 Acq: 26 May 2020 23:11

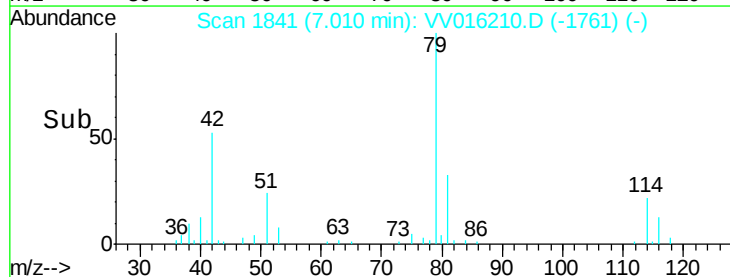
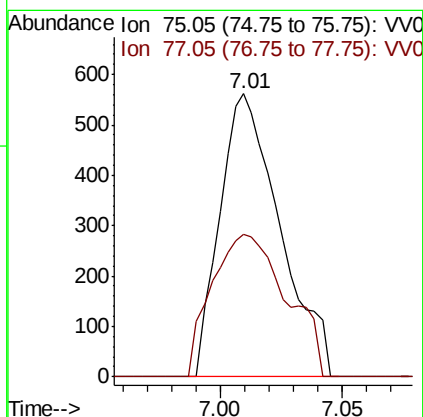
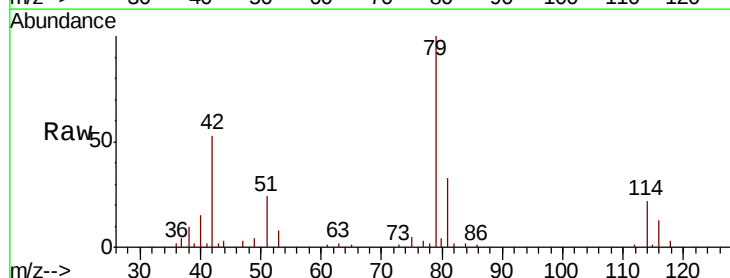
Instrument :
 MSVOA_V
 ClientSampleId :

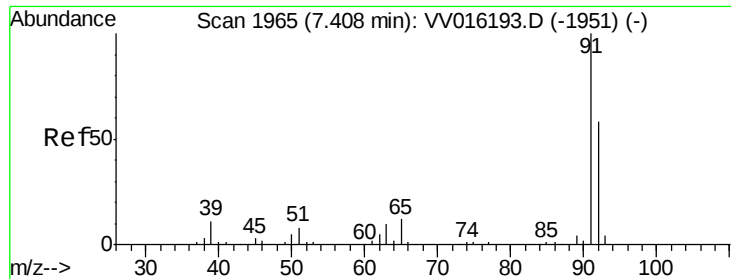
Tot Ion: 63 Resp: 4223
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016210.D
 Acq: 26 May 2020 23:11

Tgt Ion: 75 Resp: 960
 Ion Ratio Lower Upper
 75 100
 77 50.2 21.7 40.3#





#42

Toluene

Concen: 0.087 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV016210.D

Acq: 26 May 2020 23:11

Instrument :

MSVOA_V

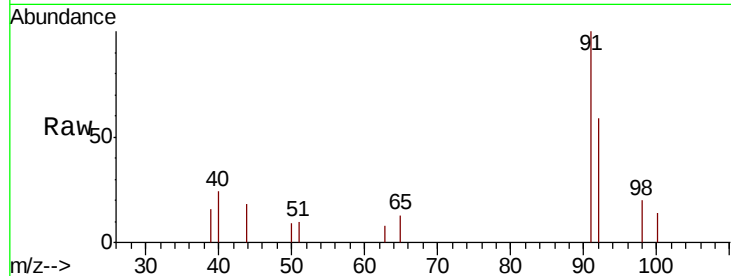
ClientSampled :

Tot Ion: 91 Resp: 2468

Ion Ratio Lower Upper

91 100

92 58.6 40.9 76.0



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.42

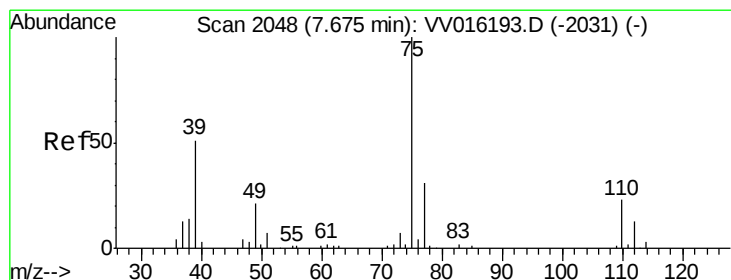
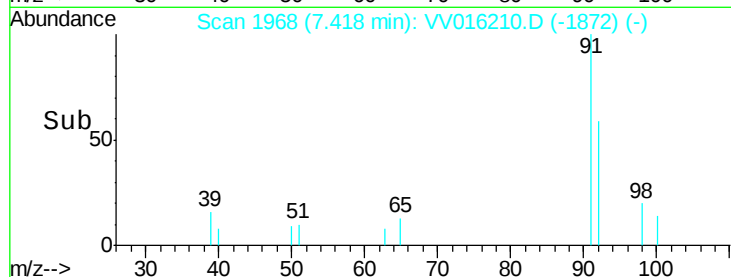
1500

1000

500

0

Time-->



#46

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.65 min Scan# 2040

Delta R.T. -0.03 min

Lab File: VV016210.D

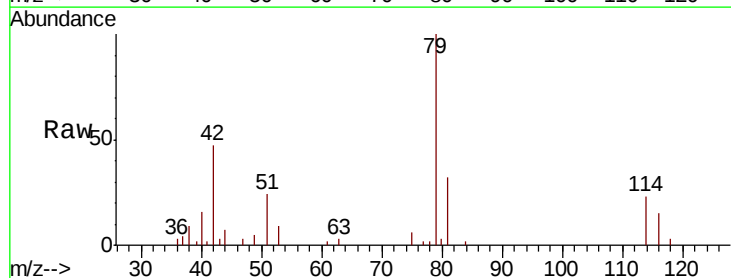
Acq: 26 May 2020 23:11

Tgt Ion: 75 Resp: 616

Ion Ratio Lower Upper

75 100

77 32.9 21.7 40.3



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.65

400

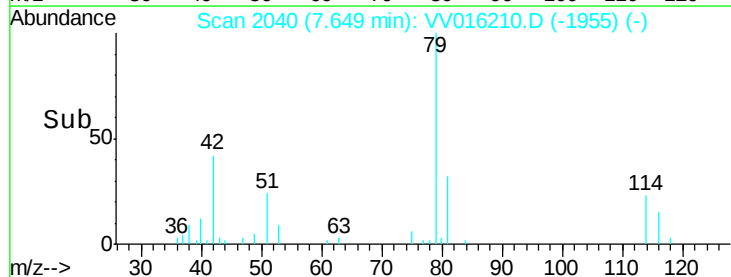
300

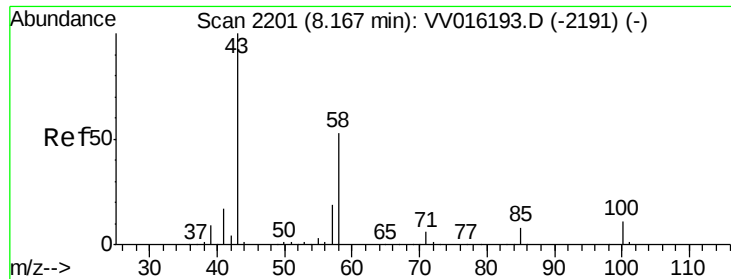
200

100

0

Time-->





#50

2-Hexanone

Concen: 2.921 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV016210.D

Acq: 26 May 2020 23:11

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 8049

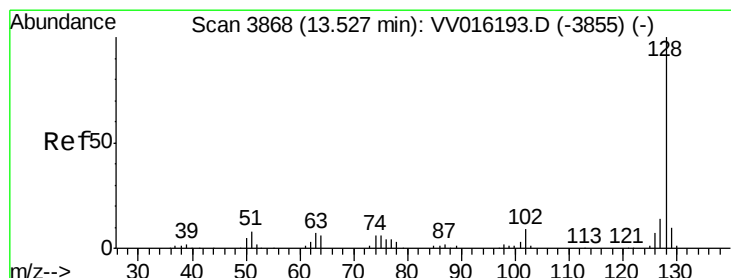
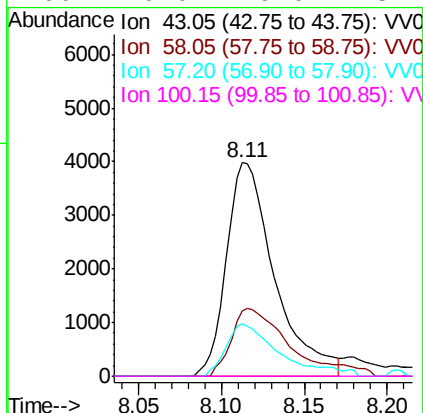
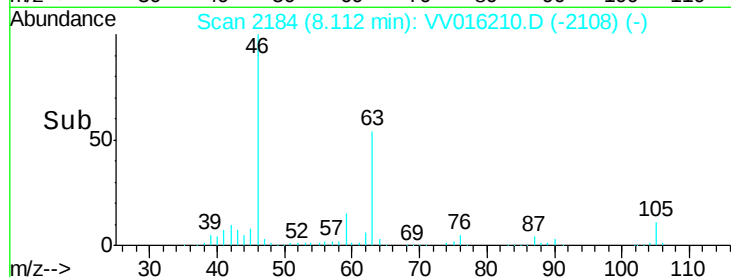
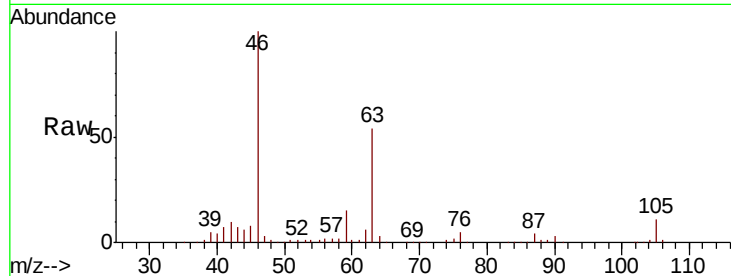
Ion Ratio Lower Upper

43 100

58 38.6 41.4 62.0#

57 27.1 15.0 22.4#

100 0.0 9.0 13.4#



#70

Naphthalene

Concen: 0.456 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

Lab File: VV016210.D

Acq: 26 May 2020 23:11

Tgt Ion: 128 Resp: 7875

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

127 13.9 10.6 15.8

