

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052620\
 Data File : VV016213.D
 Acq On : 27 May 2020 00:24
 Operator : SY/MD
 Sample : L2725-17
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 27 03:18:52 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	90271	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	88634	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	40187	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30322	5.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.60%
7) Chloroethane-d5	1.58	69	26115	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.12	63	41057	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	3.97	46	76512	53.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.40%
24) Chloroform-d	4.38	84	58846	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.06	65	32346	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.07	84	115502	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.10	67	35203	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.34	98	102539	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
45) trans-1,3-Dichloropropene-	7.65	79	9656	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
48) 2-Hexanone-d5	8.12	63	52721	45.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.80%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24977	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	36236	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

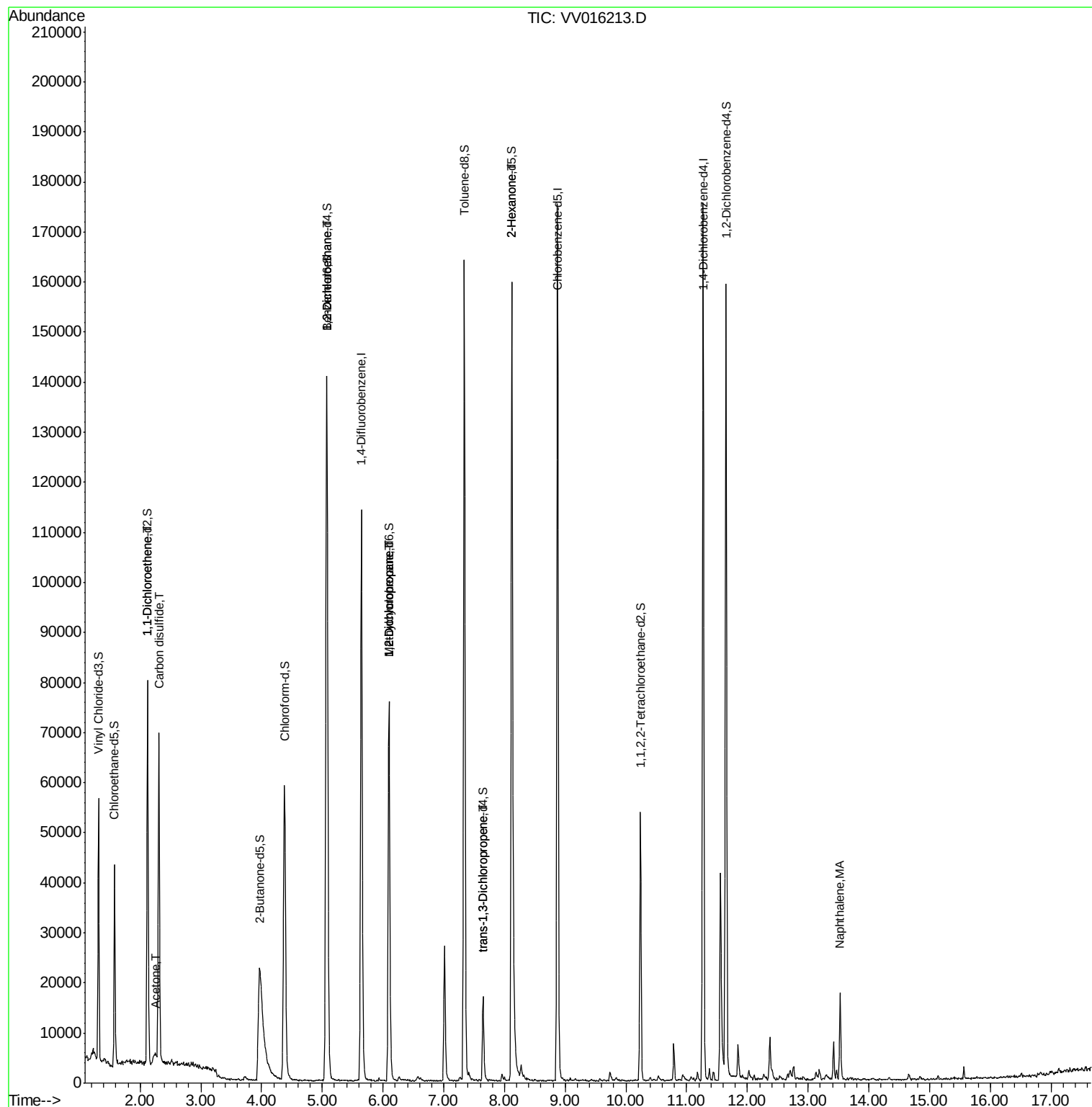
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	373	0.070	ug/L #	1
13) Acetone	2.25	43	3478	3.907	ug/L	87
14) Carbon disulfide	2.31	76	70574	4.276	ug/L	99
27) 1,2-Dichloroethane	5.07	62	706	0.092	ug/L #	79
35) Methylcyclohexane	6.10	83	8514	0.760	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	4249	0.679	ug/L #	88
46) trans-1,3-Dichloropropene	7.64	75	499	0.068	ug/L #	77
50) 2-Hexanone	8.12	43	9554	3.520	ug/L #	80
70) Naphthalene	13.53	128	12493	0.750	ug/L	98

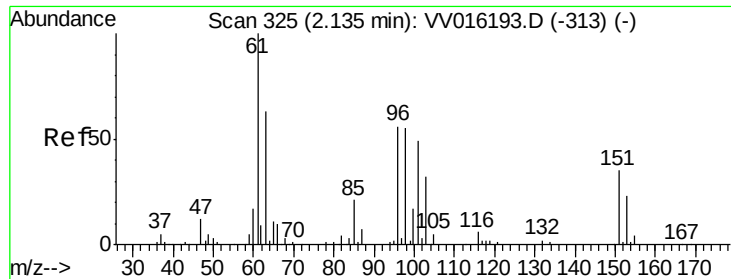
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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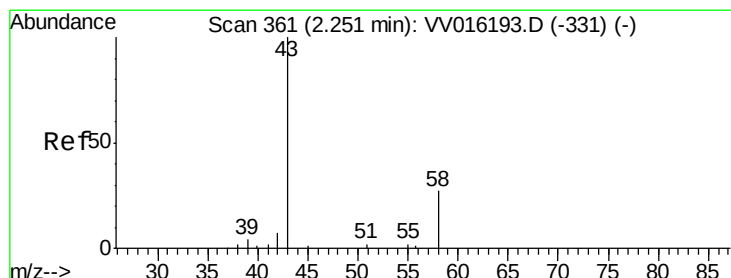
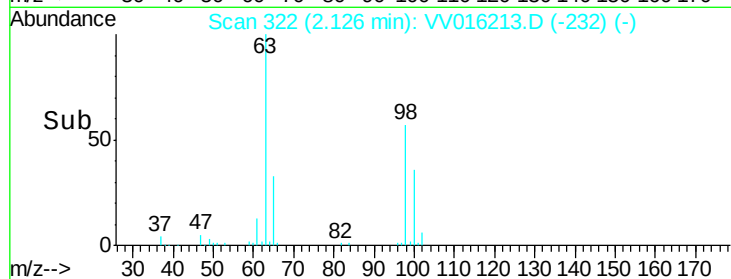
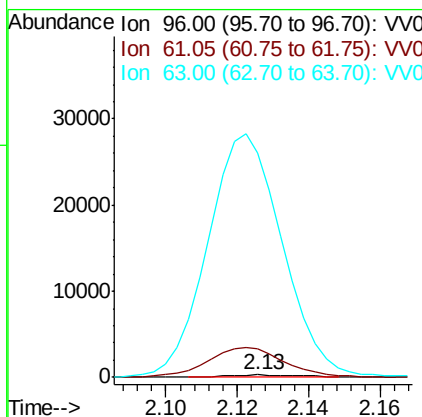
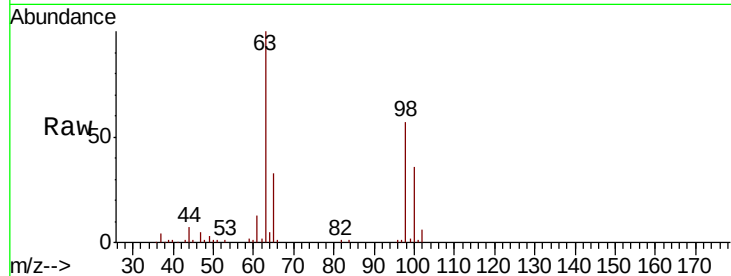




#12
 1,1-Dichloroethene
 Concen: 0.070 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV016213.D
 Acq: 27 May 2020 00:24

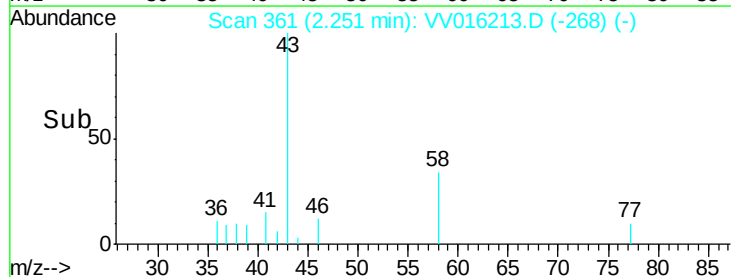
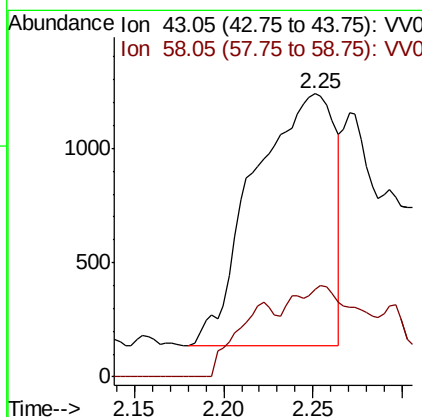
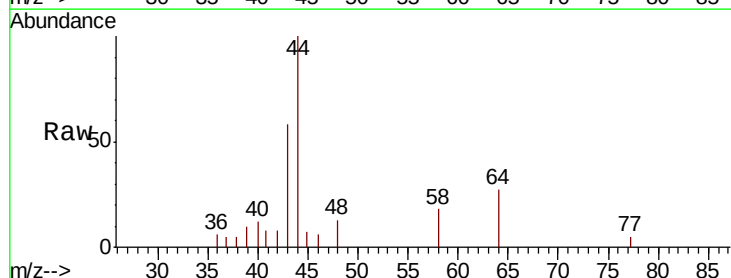
Instrument :
 MSVOA_V
 ClientSampleId :

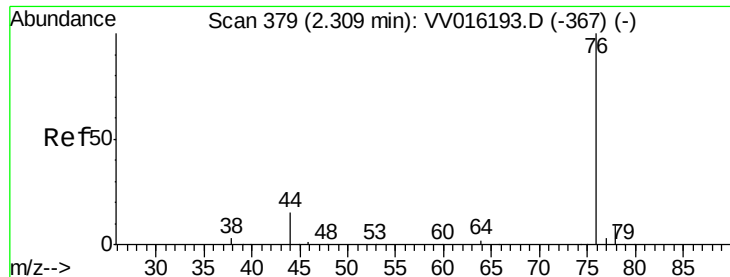
Tot Ion: 96 Resp: 373
 Ion Ratio Lower Upper
 96 100
 61 1159.7 124.9 231.9#
 63 9198.6 80.4 149.2#



#13
 Acetone
 Concen: 3.907 ug/L
 RT: 2.25 min Scan# 361
 Delta R.T. 0.00 min
 Lab File: VV016213.D
 Acq: 27 May 2020 00:24

Tgt Ion: 43 Resp: 3478
 Ion Ratio Lower Upper
 43 100
 58 31.1 0.0 48.8





#14

Carbon disulfide

Concen: 4.276 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV016213.D

Acq: 27 May 2020 00:24

Instrument :

MSVOA_V

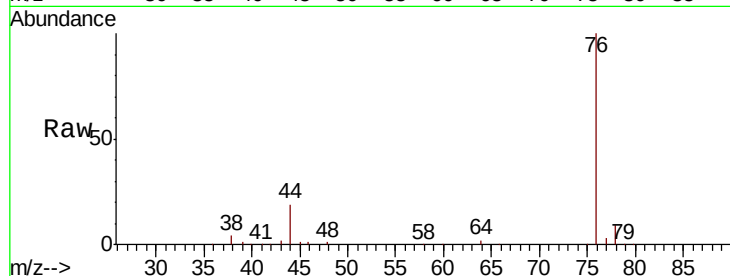
ClientSampled :

Tot Ion: 76 Resp: 70574

Ion Ratio Lower Upper

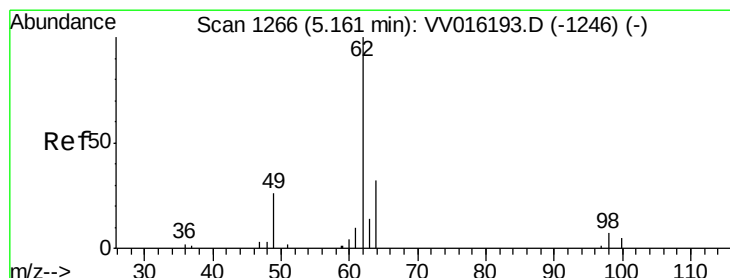
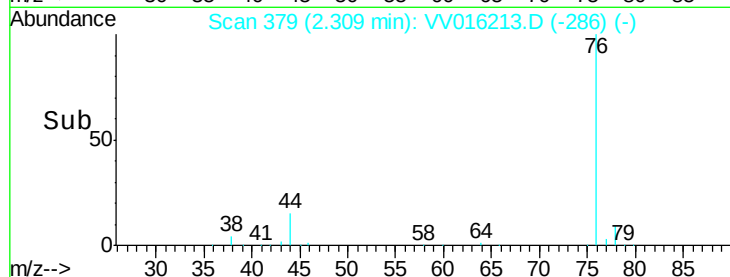
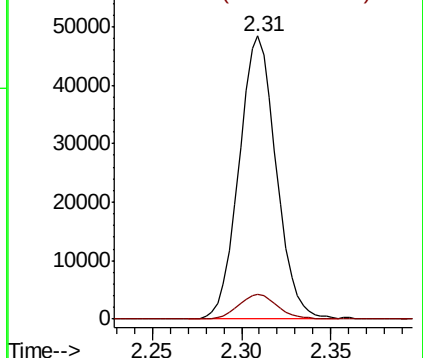
76 100

78 8.7 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#27

1,2-Dichloroethane

Concen: 0.092 ug/L

RT: 5.07 min Scan# 1238

Delta R.T. -0.09 min

Lab File: VV016213.D

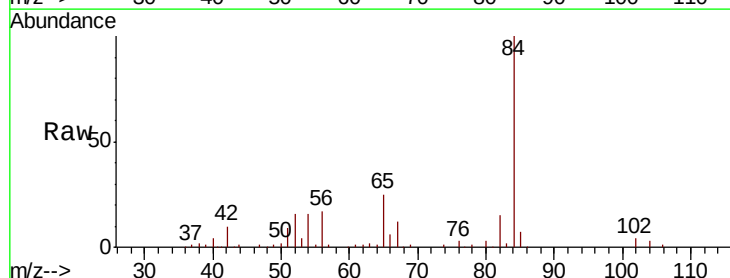
Acq: 27 May 2020 00:24

Tgt Ion: 62 Resp: 706

Ion Ratio Lower Upper

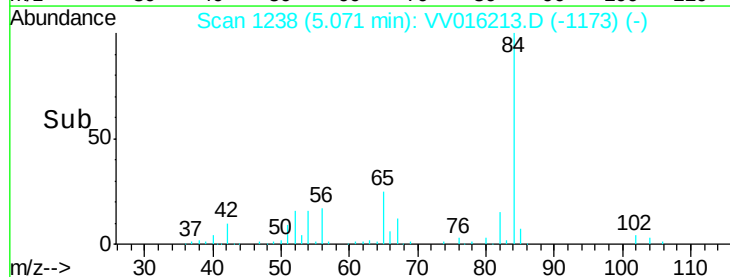
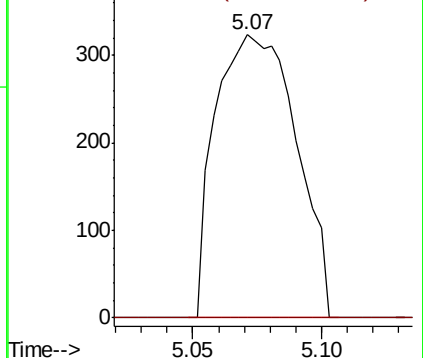
62 100

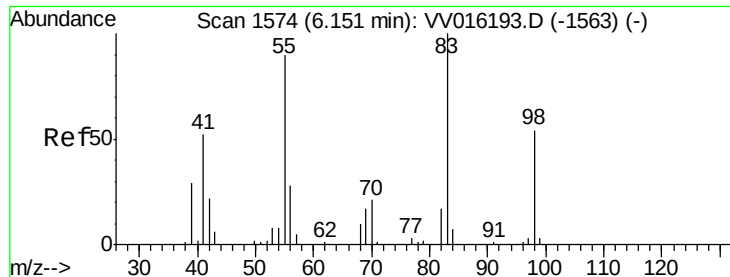
98 0.0 5.7 8.5#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0

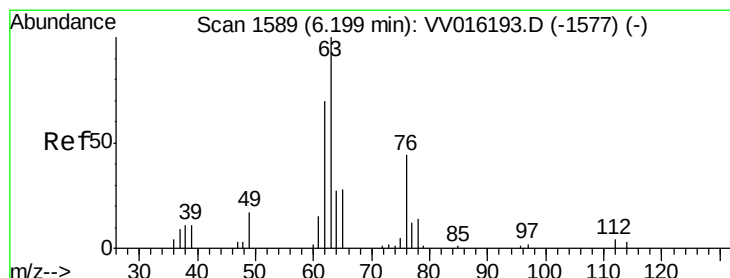
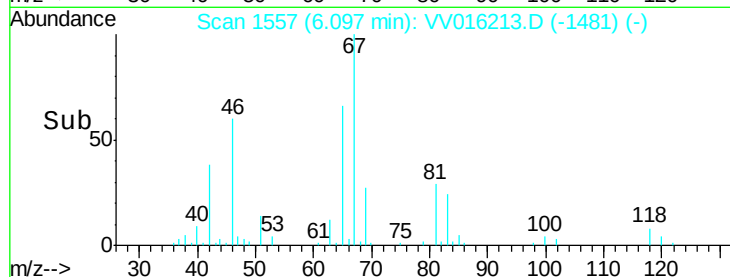
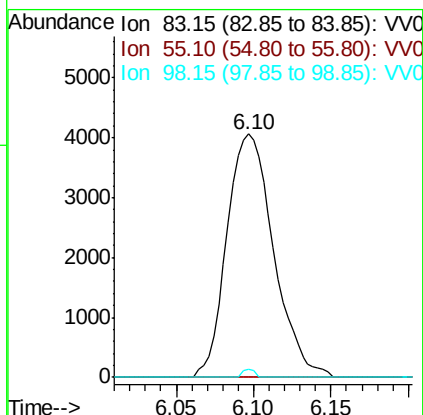
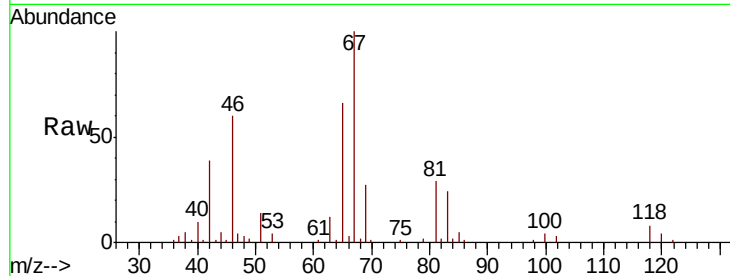




#35
Methylvlcyclohexane
Concen: 0.760 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV016213.D
Acq: 27 May 2020 00:24

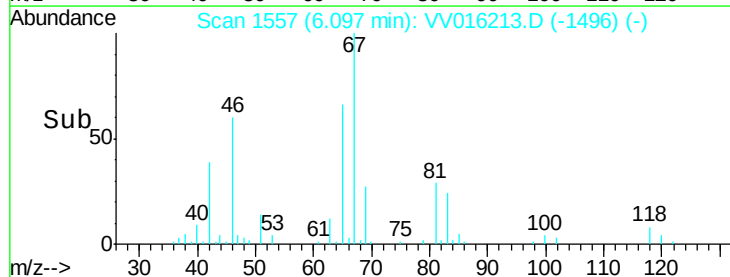
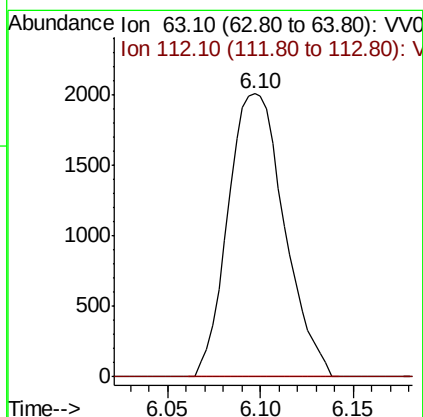
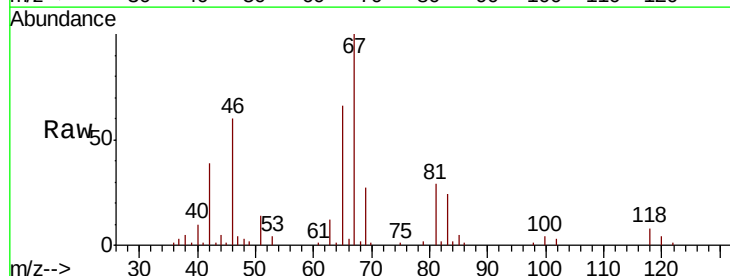
Instrument :
MSVOA_V
ClientSampleId :

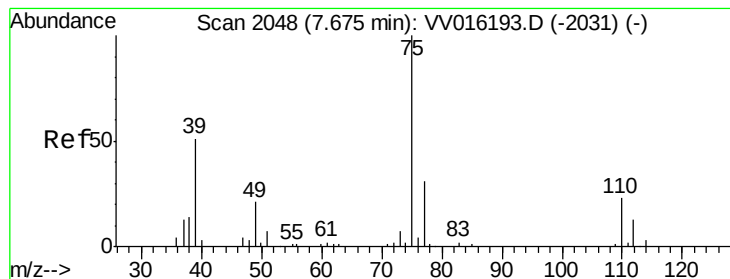
Tot Ion: 83 Resp: 8514
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.0#
98 0.8 39.3 58.9#



#37
1,2-Dichloropropane
Concen: 0.679 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016213.D
Acq: 27 May 2020 00:24

Tgt Ion: 63 Resp: 4249
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#46

trans-1,3-Dichloropropene

Concen: 0.068 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV016213.D

Acq: 27 May 2020 00:24

Instrument :

MSVOA_V

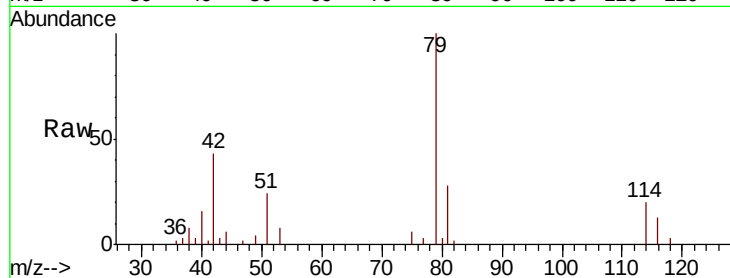
ClientSampleId :

Tot Ion: 75 Resp: 499

Ion Ratio Lower Upper

75 100

77 43.7 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.64

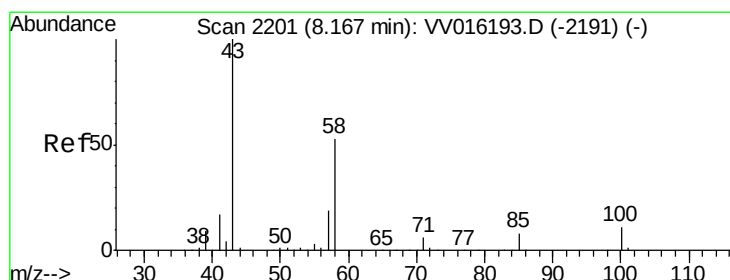
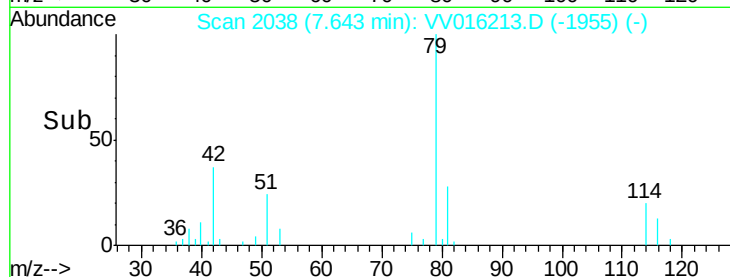
300

200

100

0

Time-->



#50

2-Hexanone

Concen: 3.520 ug/L

RT: 8.12 min Scan# 2186

Delta R.T. -0.05 min

Lab File: VV016213.D

Acq: 27 May 2020 00:24

Tgt Ion: 43 Resp: 9554

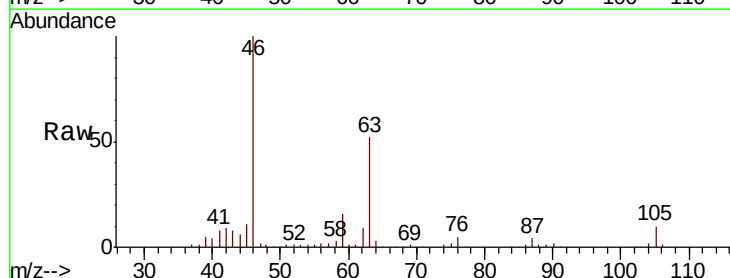
Ion Ratio Lower Upper

43 100

58 35.9 41.4 62.0#

57 23.2 15.0 22.4#

100 0.5 9.0 13.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

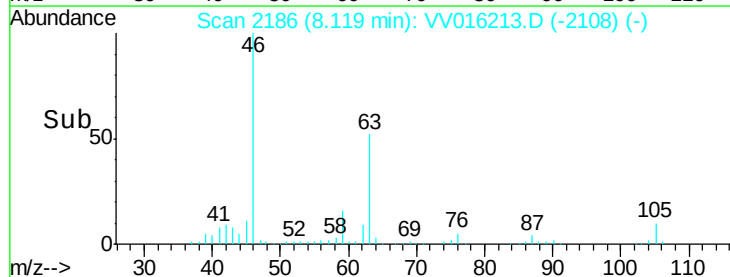
6000

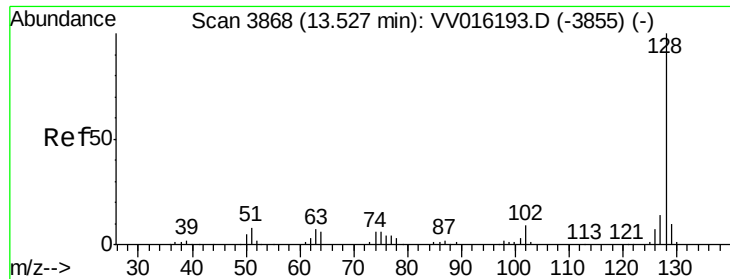
4000

2000

0

Time-->





#70

Naphthalene

Concen: 0.750 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

Lab File: VV016213.D

Acq: 27 May 2020 00:24

Instrument :

MSVOA_V

ClientSampleId :

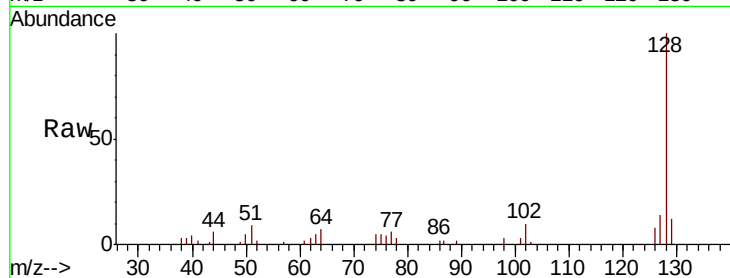
Tot Ion:128 Resp: 12493

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

127 12.1 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

