

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052920\
 Data File : VV016318.D
 Acq On : 29 May 2020 16:21
 Operator : SY/MD
 Sample : L2662-02DL 20X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 30 00:03:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 00:00:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	99865	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	92721	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	42243	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29887	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.58	69	24213	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.12	63	42168	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.96	46	83742	52.64	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.28%
24) Chloroform-d	4.38	84	58235	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.06	65	32395	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.07	84	116473	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.10	67	35664	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.34	98	106128	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
45) trans-1,3-Dichloropropene-	7.65	79	11725	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
48) 2-Hexanone-d5	8.12	63	65293	53.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.50%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24990	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	36562	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

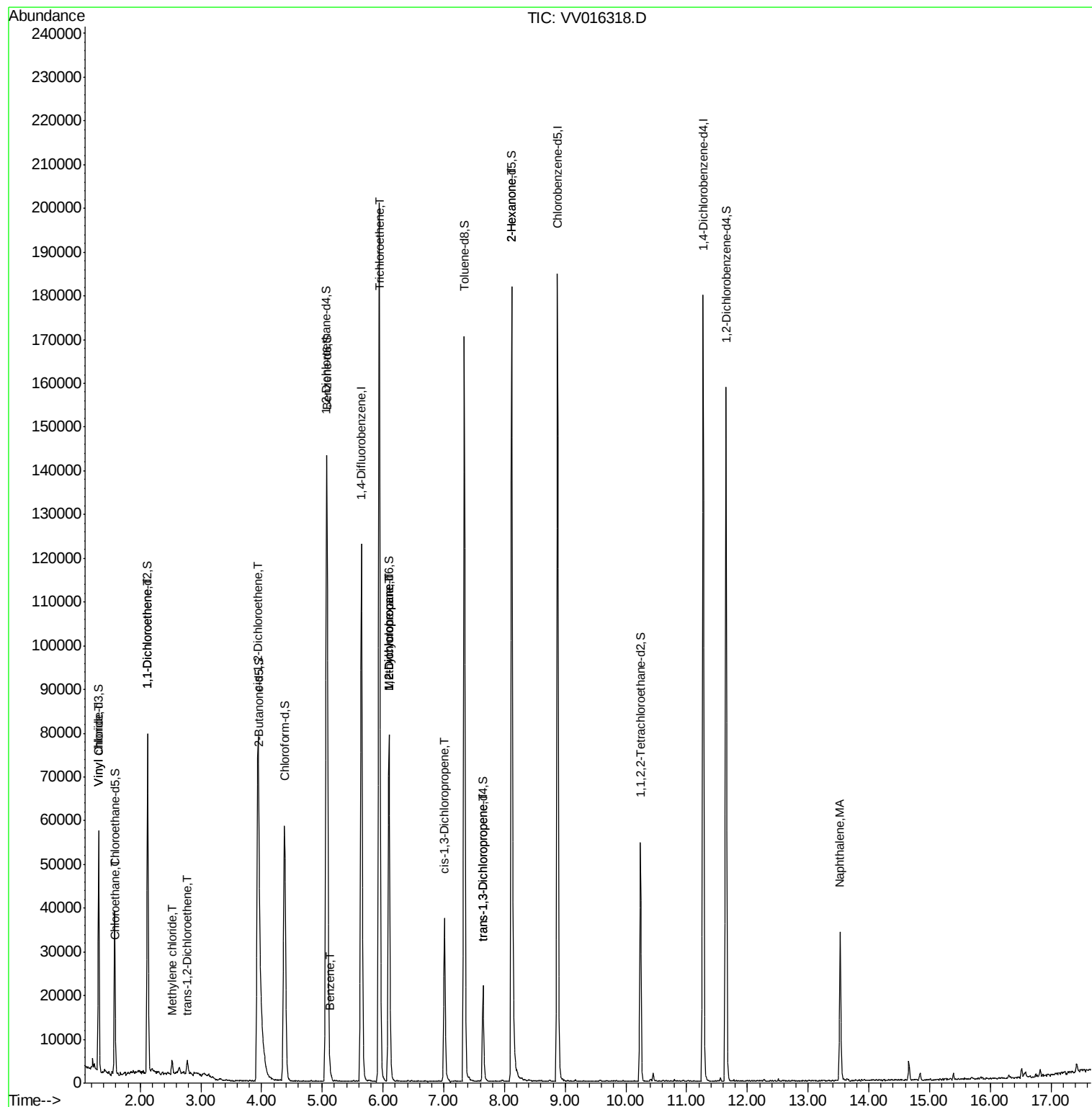
					Ovalue
5) Vinyl chloride	1.32	62	4477	0.512 ug/L	90
8) Chloroethane	1.60	64	443	0.091 ug/L	83
12) 1,1-Dichloroethene	2.13	96	550	0.093 ug/L #	1
16) Methylene chloride	2.53	84	1075	0.159 ug/L	88
18) trans-1,2-Dichloroethene	2.77	96	1194	0.185 ug/L	87
22) cis-1,2-Dichloroethene	3.94	96	28418	3.728 ug/L	99
33) Benzene	5.13	78	1676	0.063 ug/L	100
34) Trichloroethene	5.94	95	69779	10.039 ug/L	99
35) Methylcyclohexane	6.10	83	8972	0.765 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	4247	0.649 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	1056	0.114 ug/L	85
46) trans-1,3-Dichloropropene	7.65	75	458	0.059 ug/L #	30
50) 2-Hexanone	8.12	43	9098	3.204 ug/L #	70
70) Naphthalene	13.53	128	26994	1.542 ug/L	99

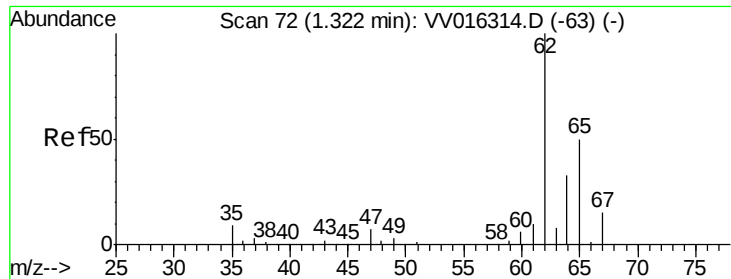
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052920\
Data File : VV016318.D
Acq On : 29 May 2020 16:21
Operator : SY/MD
Sample : L2662-02DL 20X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 30 00:03:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 30 00:00:26 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.512 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV016318.D

Acq: 29 May 2020 16:21

Instrument :

MSVOA_V

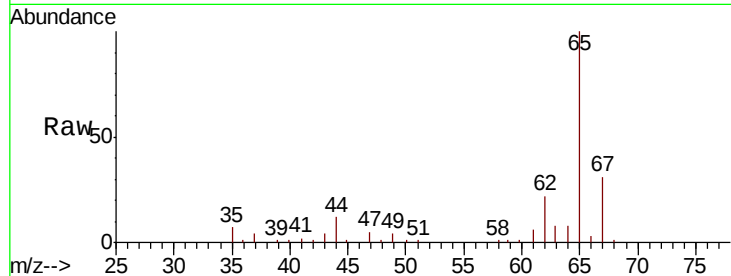
ClientSampled :

Tot Ion: 62 Resp: 4477

Ion Ratio Lower Upper

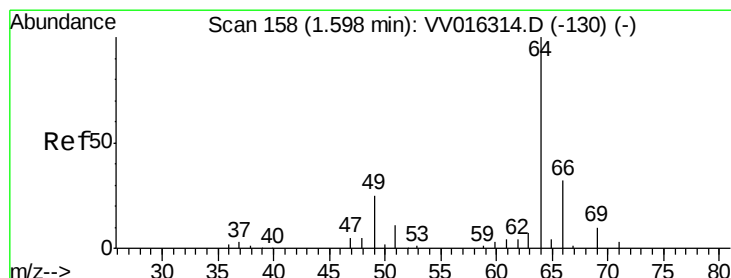
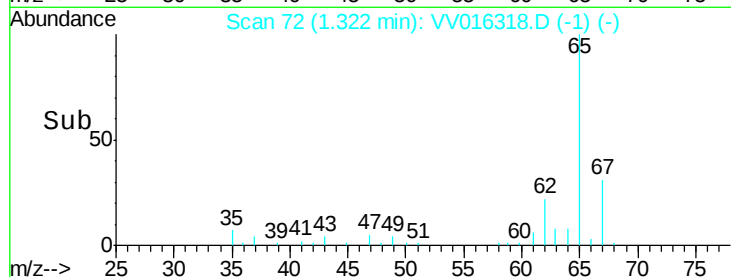
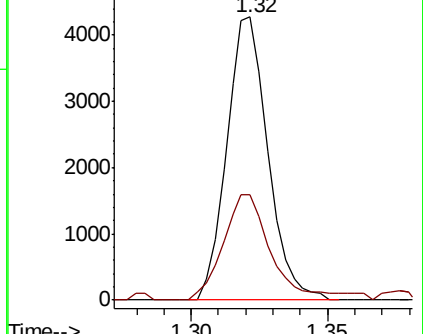
62 100

64 37.4 22.1 41.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#8

Chloroethane

Concen: 0.091 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.00 min

Lab File: VV016318.D

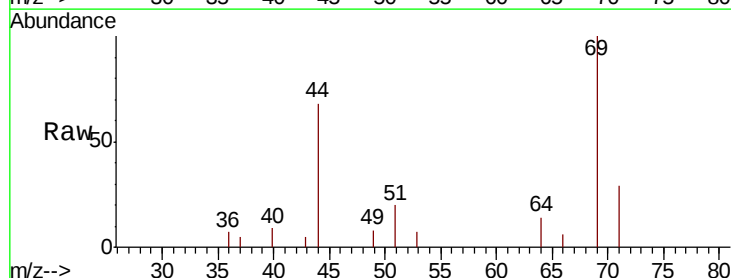
Acq: 29 May 2020 16:21

Tgt Ion: 64 Resp: 443

Ion Ratio Lower Upper

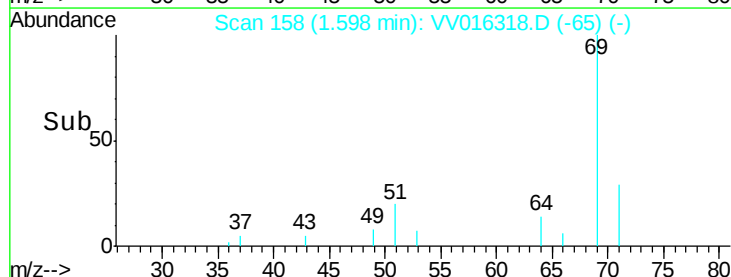
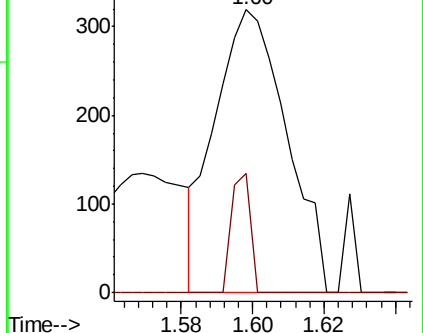
64 100

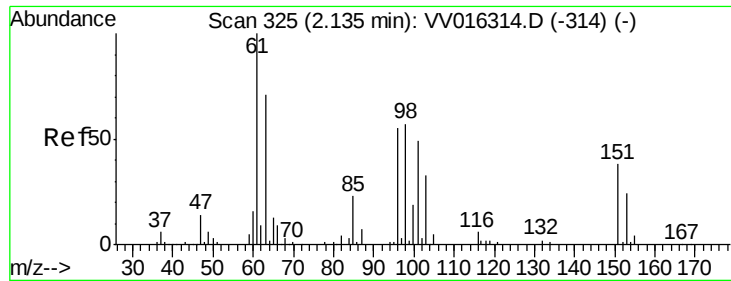
66 42.0 22.9 42.5



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

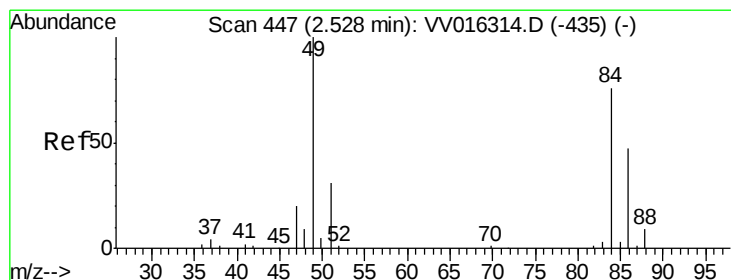
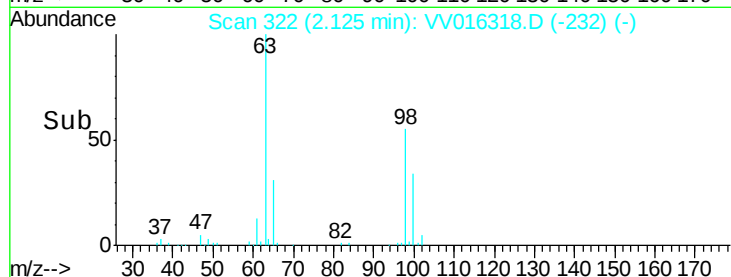
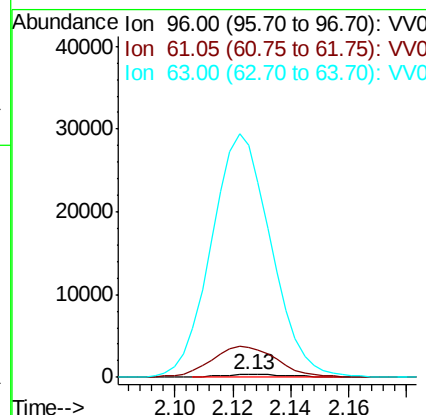
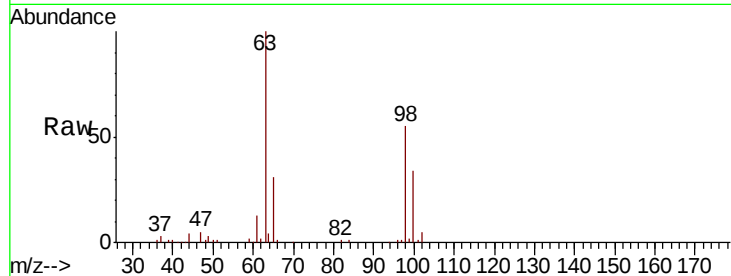




#12
 1,1-Dichloroethene
 Concen: 0.093 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV016318.D
 Acq: 29 May 2020 16:21

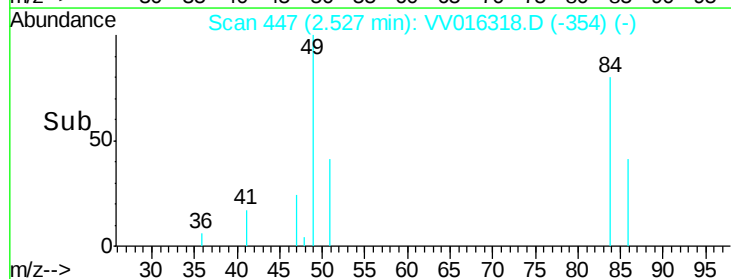
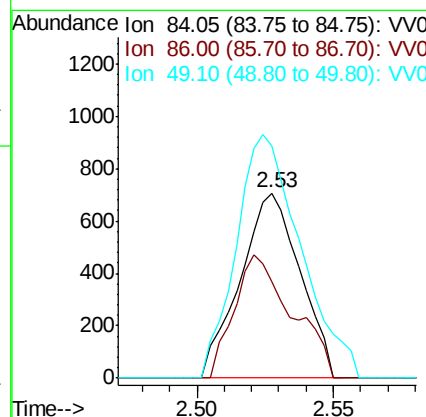
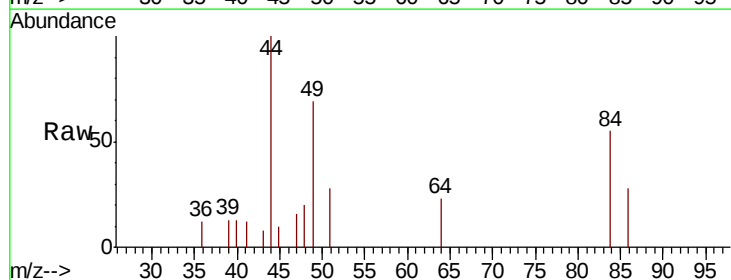
Instrument :
 MSVOA_V
 ClientSampleId :

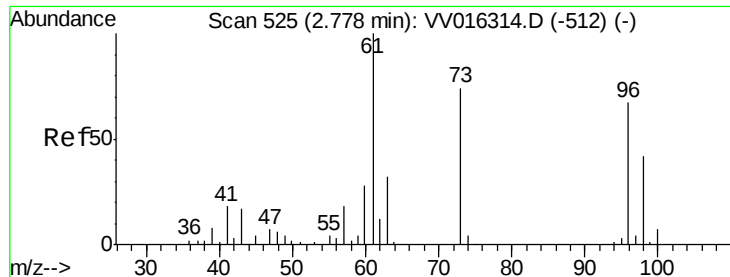
Tot Ion: 96 Resp: 550
 Ion Ratio Lower Upper
 96 100
 61 1104.2 124.9 231.9#
 63 8445.8 80.4 149.2#



#16
 Methylene chloride
 Concen: 0.159 ug/L
 RT: 2.53 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: VV016318.D
 Acq: 29 May 2020 16:21

Tgt Ion: 84 Resp: 1075
 Ion Ratio Lower Upper
 84 100
 86 51.8 44.9 83.5
 49 125.2 96.7 179.7





#18

trans-1,2-Dichloroethene

Concen: 0.185 ug/L

RT: 2.77 min Scan# 524

Delta R.T. -0.00 min

Lab File: VV016318.D

Acq: 29 May 2020 16:21

Instrument :

MSVOA_V

ClientSampleId :

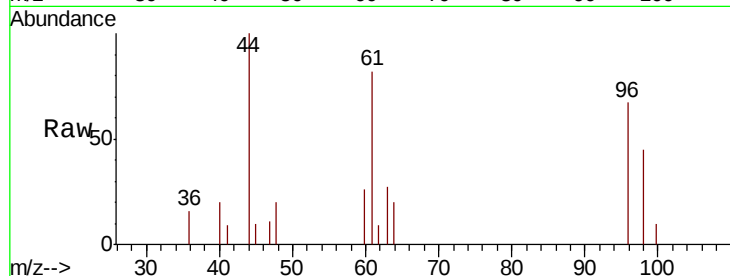
Tot Ion: 96 Resp: 1194

Ion Ratio Lower Upper

96 100

61 122.9 99.8 185.4

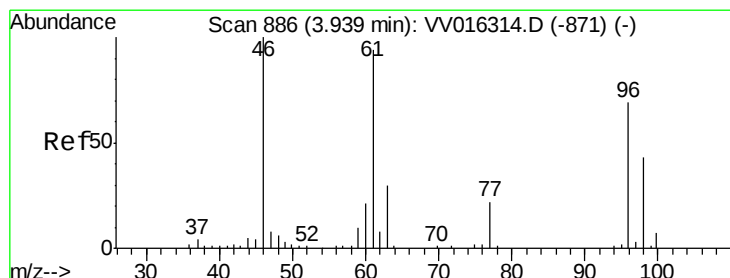
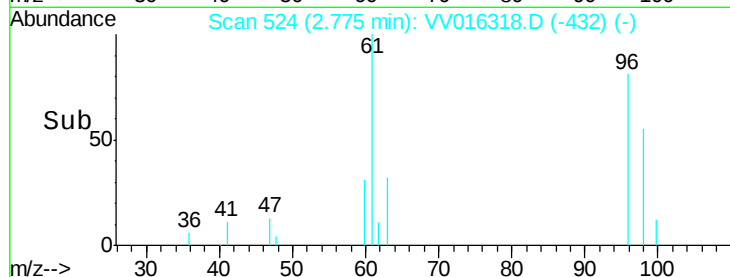
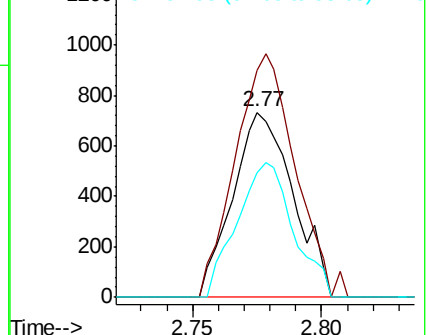
98 67.3 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#22

cis-1,2-Dichloroethene

Concen: 3.728 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

Lab File: VV016318.D

Acq: 29 May 2020 16:21

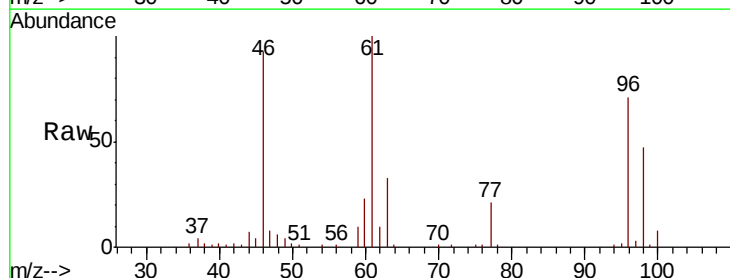
Tgt Ion: 96 Resp: 28418

Ion Ratio Lower Upper

96 100

61 140.6 99.7 185.1

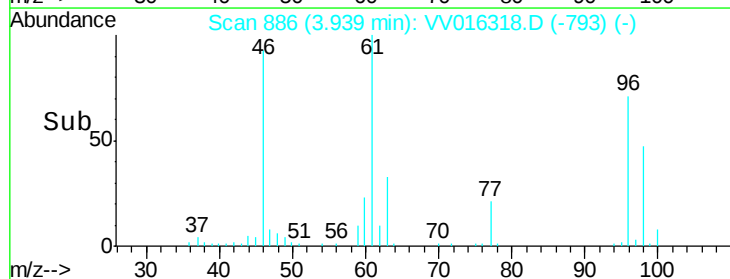
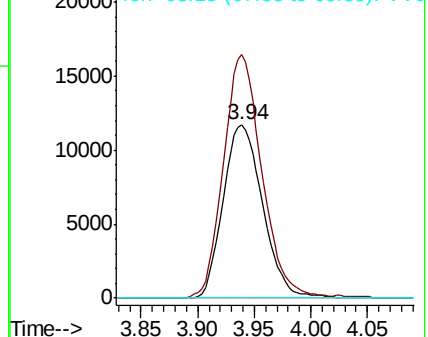
68 0.0 0.0 0.0

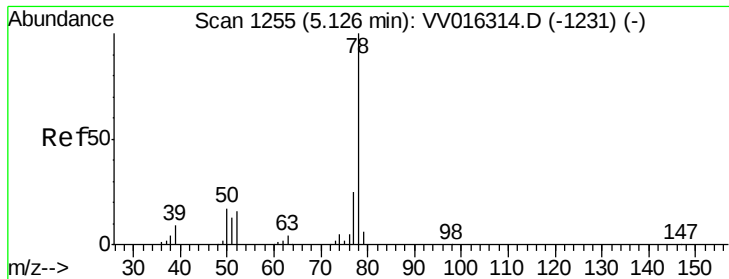


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#33

Benzene

Concen: 0.063 ug/L

RT: 5.13 min Scan# 1256

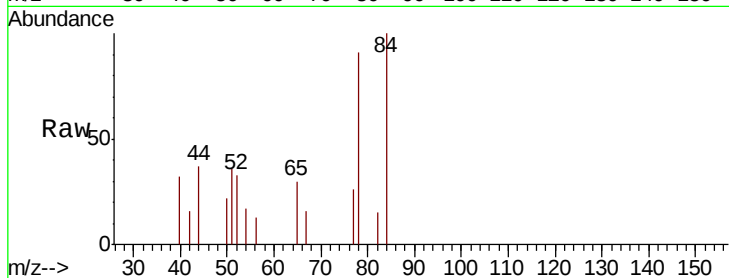
Delta R.T. 0.00 min

Lab File: VV016318.D

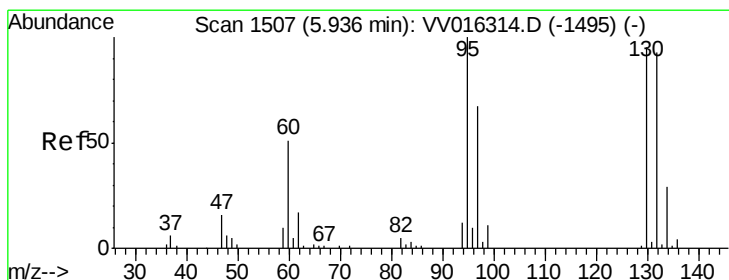
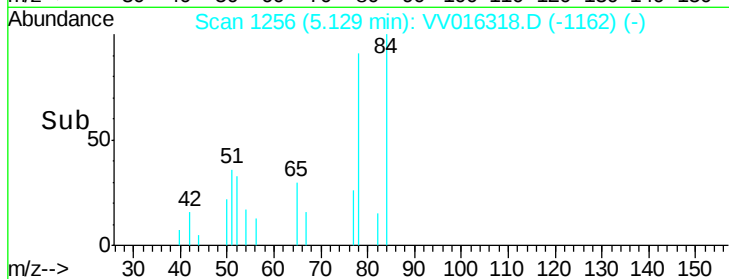
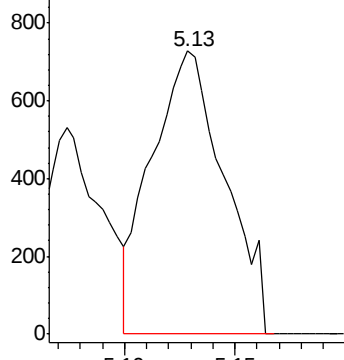
Acq: 29 May 2020 16:21

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 78 Resp: 1676



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 10.039 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016318.D

Acq: 29 May 2020 16:21

Tgt Ion: 95 Resp: 69779

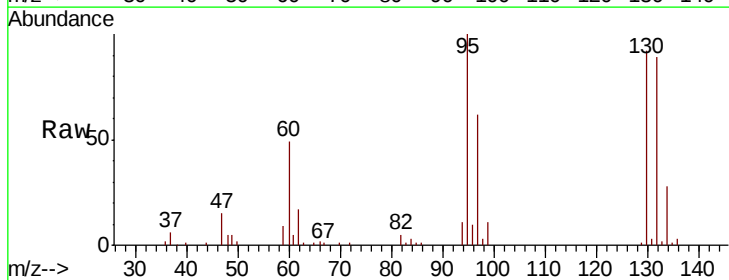
Ion Ratio Lower Upper

95 100

97 62.2 43.6 81.0

132 89.2 63.9 118.7

130 92.4 65.2 121.0

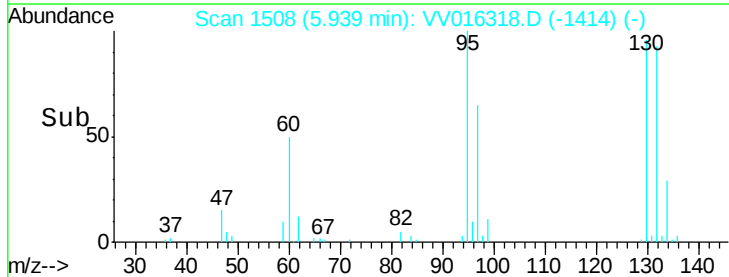
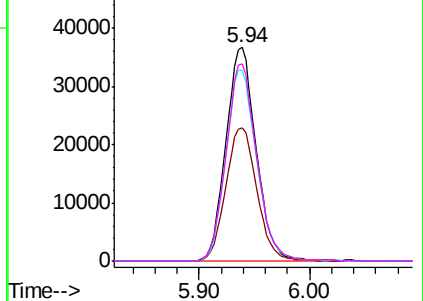


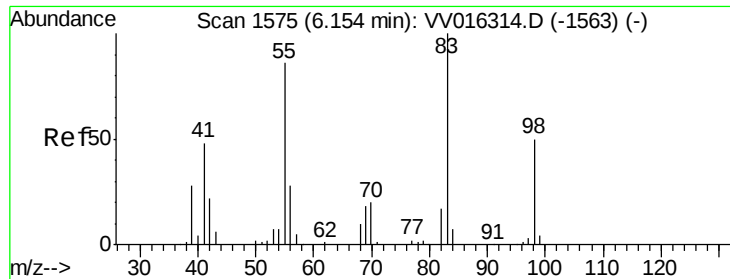
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

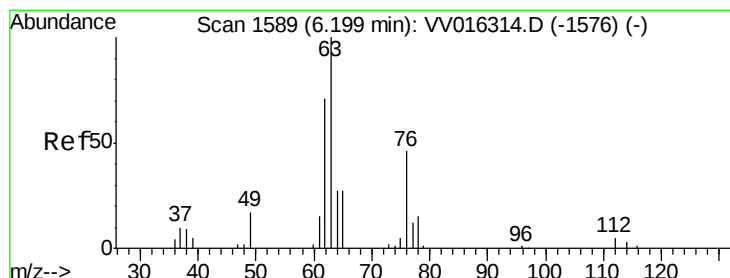
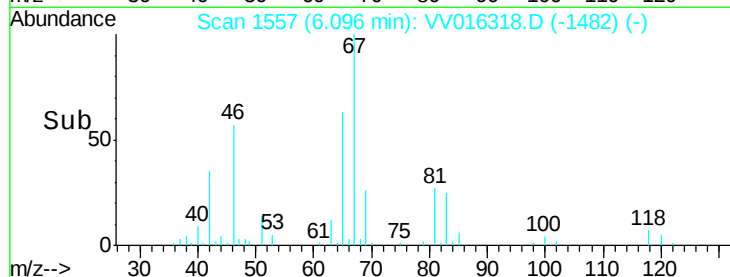
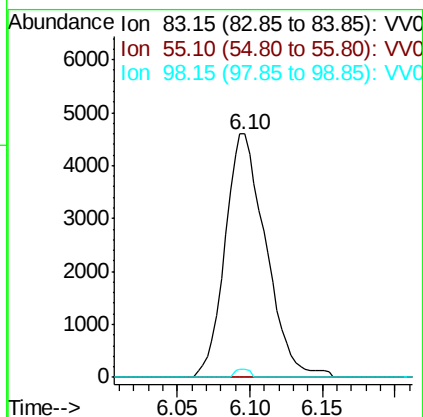
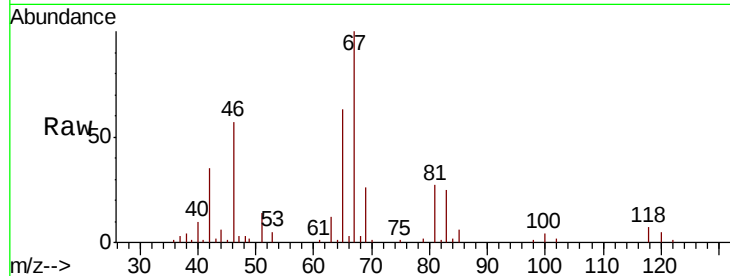




#35
Methvlcvclohexane
Concen: 0.765 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV016318.D
Acq: 29 May 2020 16:21

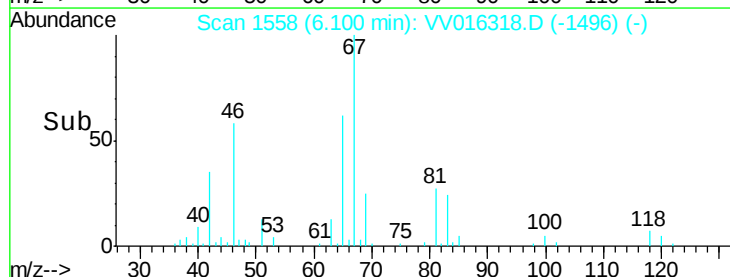
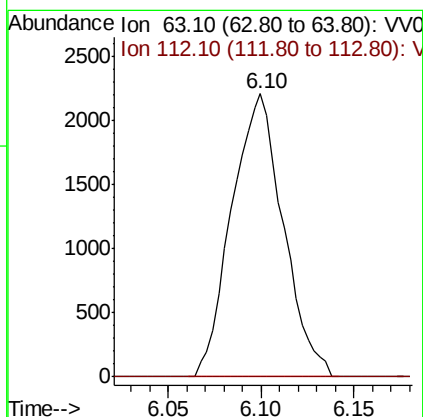
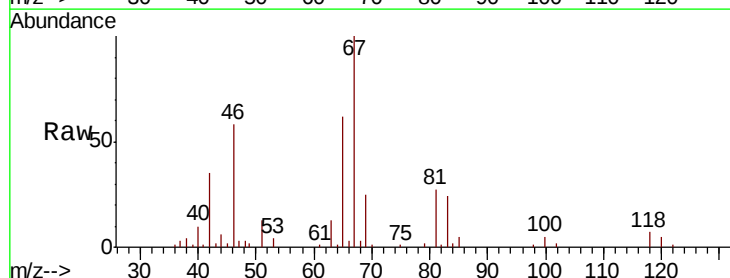
Instrument :
MSVOA_V
ClientSampleId :

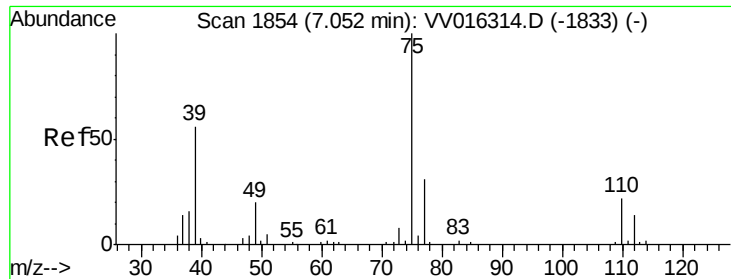
Tot Ion: 83 Resp: 8972
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.0#
98 0.0 39.3 58.9#



#37
1,2-Dichloropropane
Concen: 0.649 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.10 min
Lab File: VV016318.D
Acq: 29 May 2020 16:21

Tgt Ion: 63 Resp: 4247
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

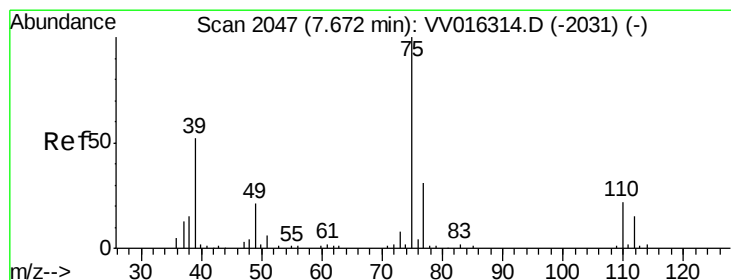
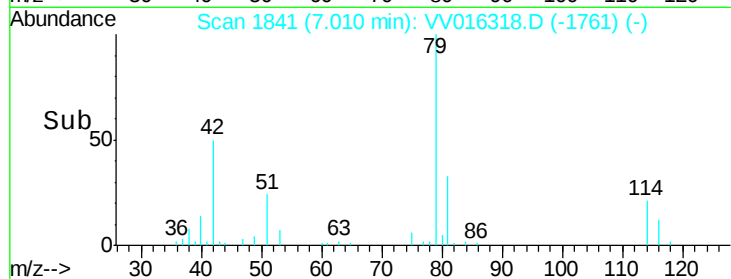
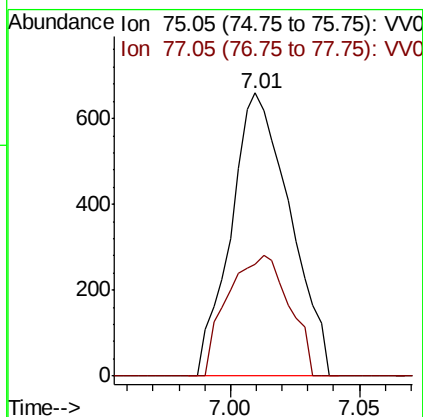
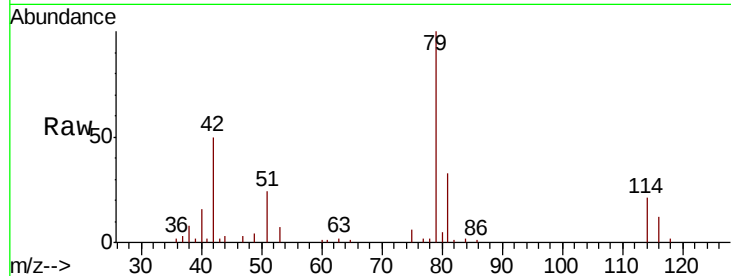




#39
 cis-1,3-Dichloropropene
 Concen: 0.114 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016318.D
 Acq: 29 May 2020 16:21

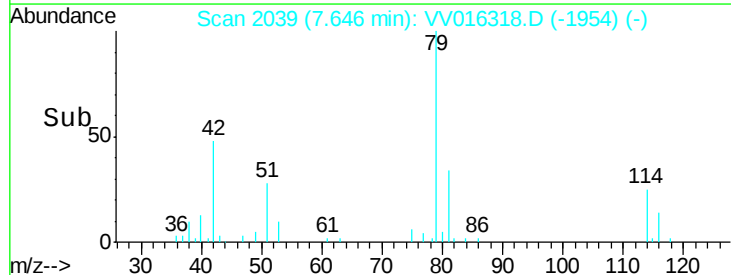
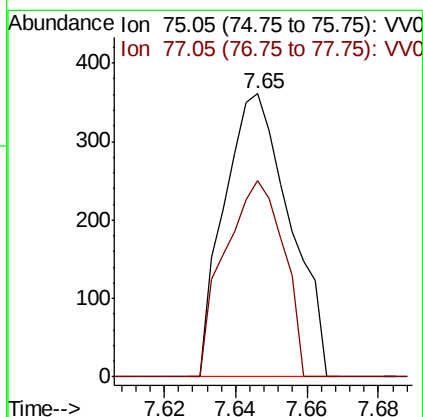
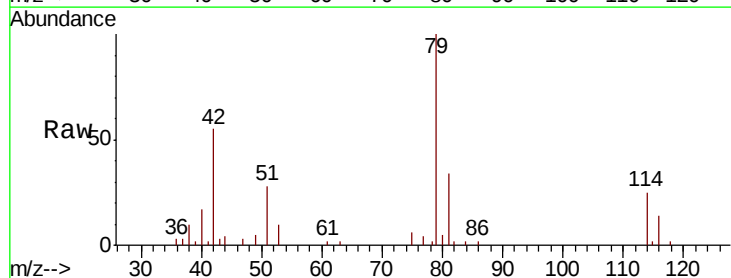
Instrument :
 MSVOA_V
 ClientSampled :

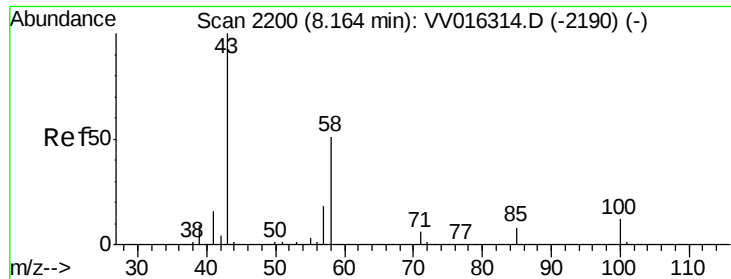
Tot Ion: 75 Resp: 1056
 Ion Ratio Lower Upper
 75 100
 77 39.5 21.7 40.3



#46
 trans-1,3-Dichloropropene
 Concen: 0.059 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.03 min
 Lab File: VV016318.D
 Acq: 29 May 2020 16:21

Tgt Ion: 75 Resp: 458
 Ion Ratio Lower Upper
 75 100
 77 69.5 21.7 40.3#

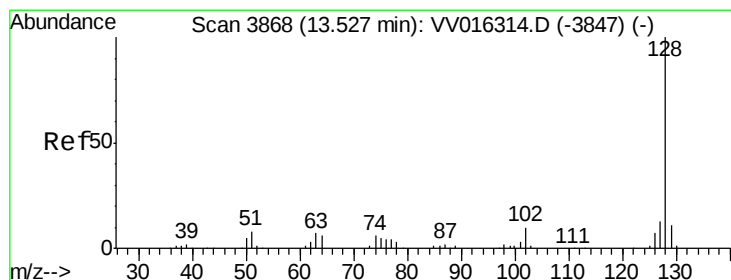
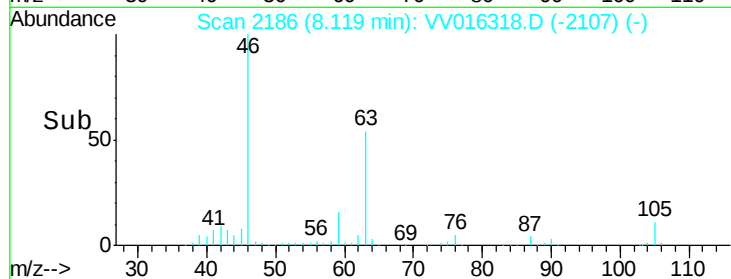
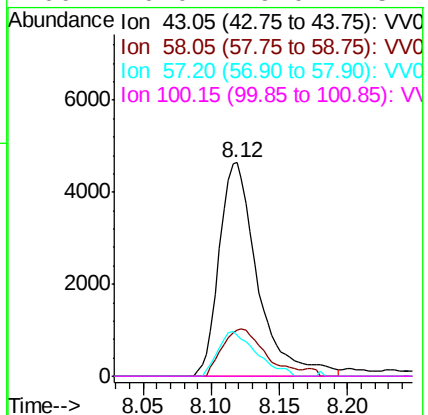
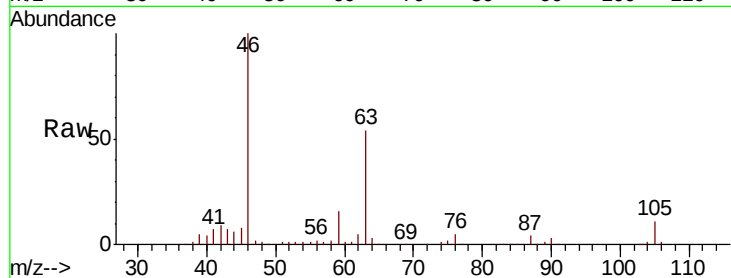




#50
2-Hexanone
Concen: 3.204 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV016318.D
Acq: 29 May 2020 16:21

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 9098
Ion Ratio Lower Upper
43 100
58 24.5 41.4 62.0#
57 20.6 15.0 22.4
100 0.0 9.0 13.4#



#70
Naphthalene
Concen: 1.542 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. -0.00 min
Lab File: VV016318.D
Acq: 29 May 2020 16:21

Tgt Ion: 128 Resp: 26994
Ion Ratio Lower Upper
128 100
129 10.3 8.6 13.0
127 13.6 10.6 15.8

