

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV043020\
 Data File : VV015848.D
 Acq On : 30 Apr 2020 20:52
 Operator : SY/MD
 Sample : L2416-10MSD
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 01 01:49:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 01 01:42:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	123498	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	117188	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	54939	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	33953	5.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.20%
7) Chloroethane-d5	1.58	69	31608	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.12	63	76596	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.40%
20) 2-Butanone-d5	3.94	46	95692	46.18	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.36%
24) Chloroform-d	4.38	84	68266	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.06	65	40561	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.08	84	134441	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.10	67	42530	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.34	98	120427	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.65	79	14087	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.12	63	64061	38.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.02%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29018	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	43731	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

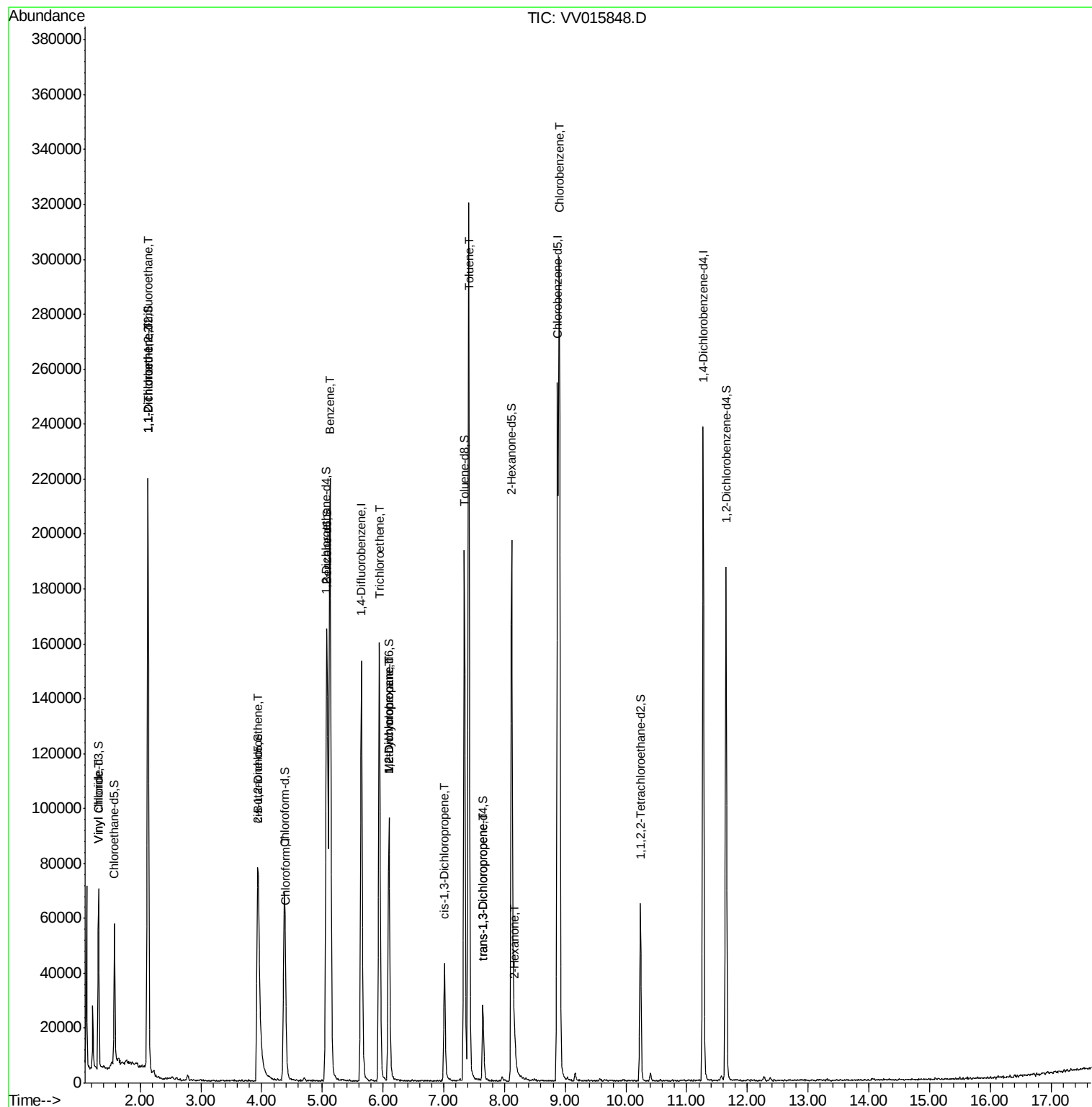
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	4137	0.423	ug/L #	82
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	681	0.088	ug/L #	22
12) 1,1-Dichloroethene	2.13	96	44314	6.165	ug/L	94
22) cis-1,2-Dichloroethene	3.94	96	21092	2.370	ug/L	96
25) Chloroform	4.40	83	3356	0.200	ug/L	100
33) Benzene	5.13	78	207861	6.208	ug/L	100
34) Trichloroethene	5.94	95	54815	5.928	ug/L	97
35) Methylcyclohexane	6.10	83	11002	0.775	ug/L #	17
37) 1,2-Dichloropropane	6.10	63	5440	0.639	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1281	0.108	ug/L #	80
42) Toluene	7.41	91	219712	6.142	ug/L	99
44) trans-1,3-Dichloropropene	7.64	75	568	0.057	ug/L #	1
48) 2-Hexanone	8.17	43	4966	1.261	ug/L #	93
51) Chlorobenzene	8.90	112	142764	6.092	ug/L	98

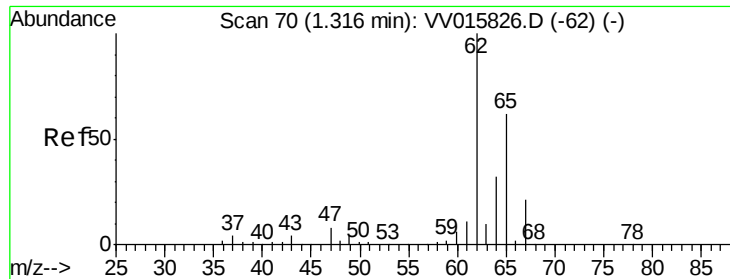
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV043020\
Data File : VV015848.D
Acq On : 30 Apr 2020 20:52
Operator : SY/MD
Sample : L2416-10MSD
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 01 01:49:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 01 01:42:43 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.423 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015848.D

Acq: 30 Apr 2020 20:52

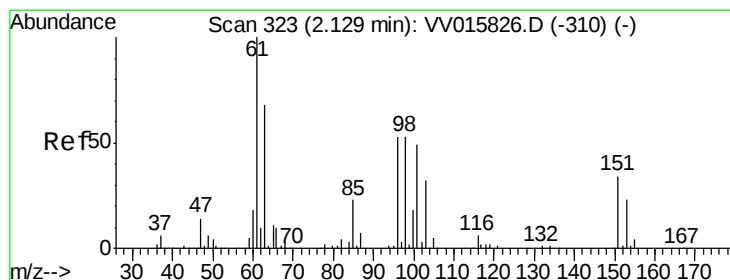
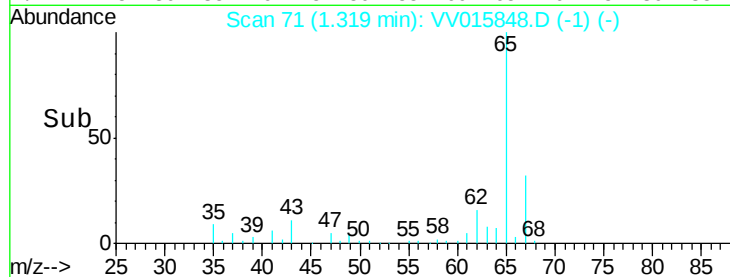
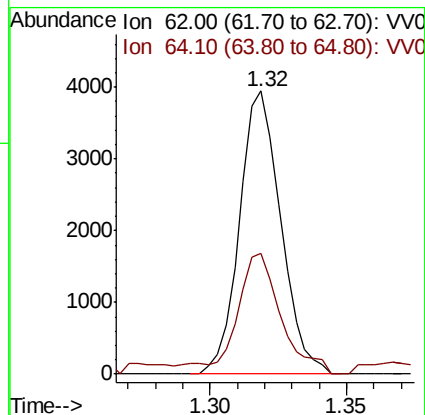
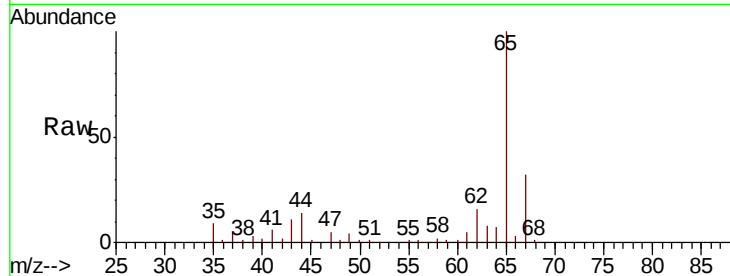
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 4137

Ion Ratio Lower Upper

62 100

64 42.7 22.7 42.1#



#10

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

Concen: 0.088 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV015848.D

Acq: 30 Apr 2020 20:52

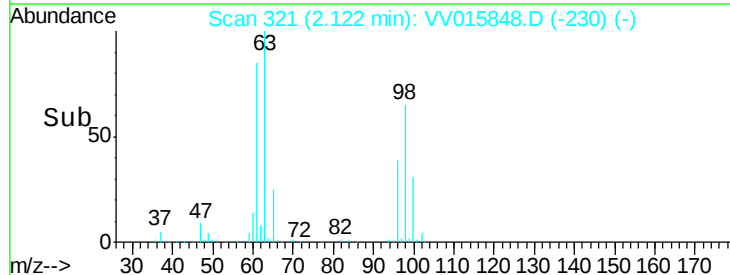
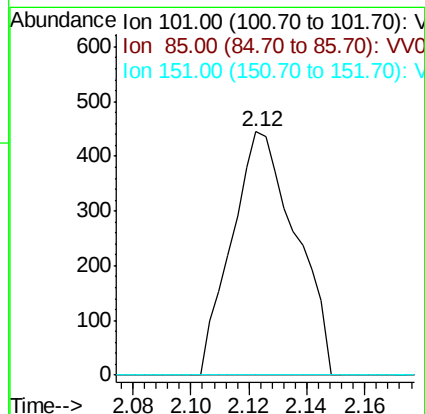
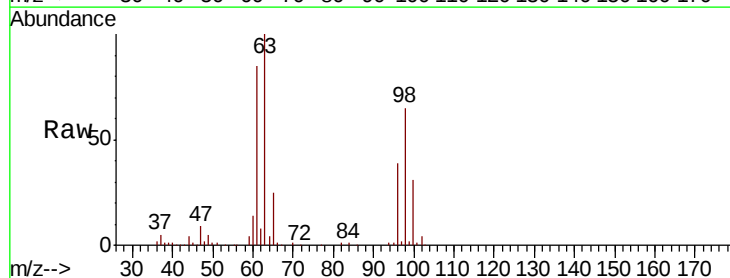
Tgt Ion: 101 Resp: 681

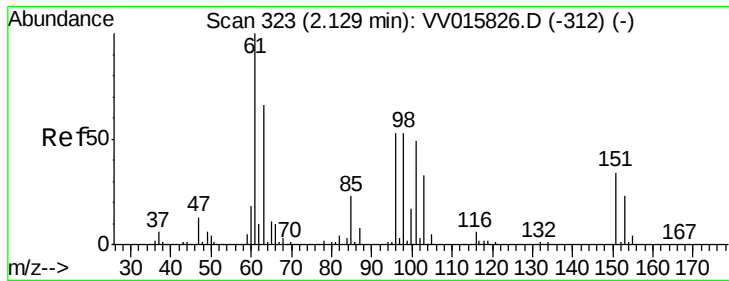
Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 0.0 55.2 82.8#





#12

1,1-Dichloroethene

Concen: 6.165 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV015848.D

Acq: 30 Apr 2020 20:52

Instrument :
MSVOA_V
ClientSampled :

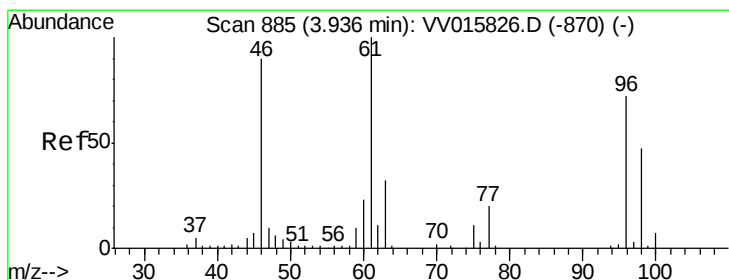
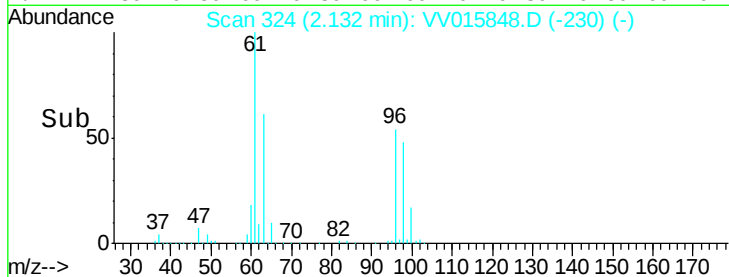
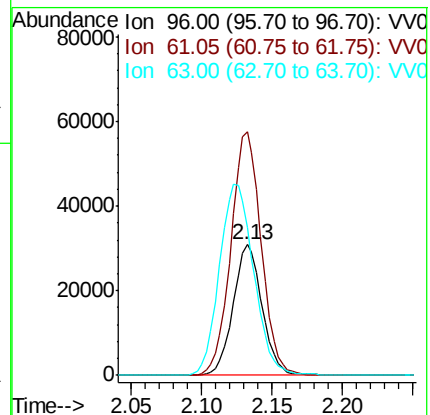
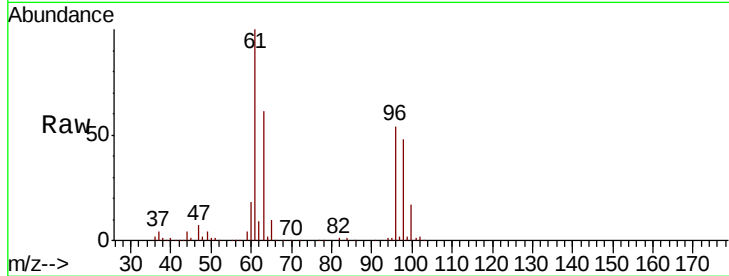
Tot Ion: 96 Resp: 44314

Ion Ratio Lower Upper

96 100

61 186.3 130.1 241.7

63 113.4 91.4 169.8



#22

cis-1,2-Dichloroethene

Concen: 2.370 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV015848.D

Acq: 30 Apr 2020 20:52

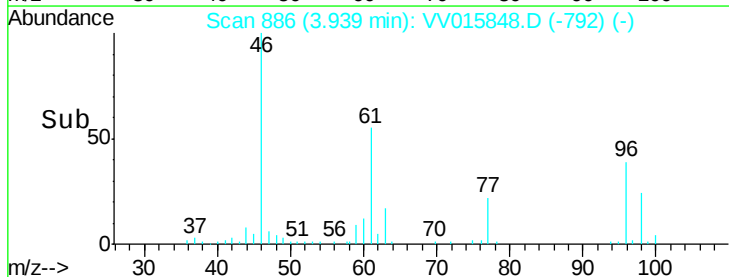
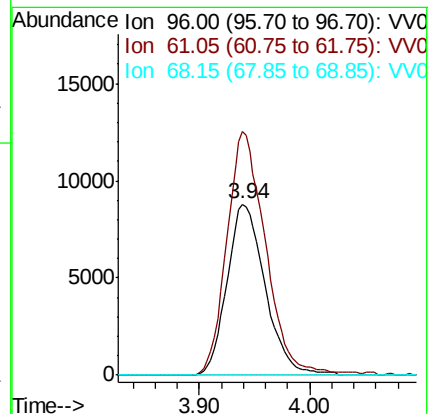
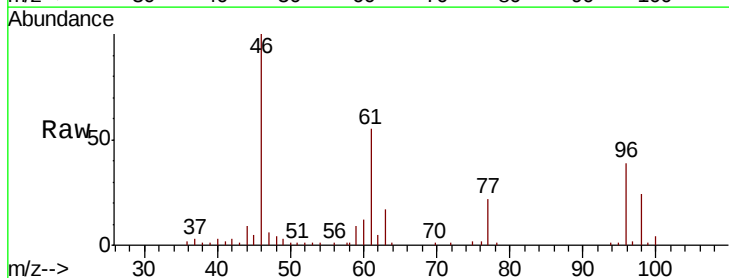
Tgt Ion: 96 Resp: 21092

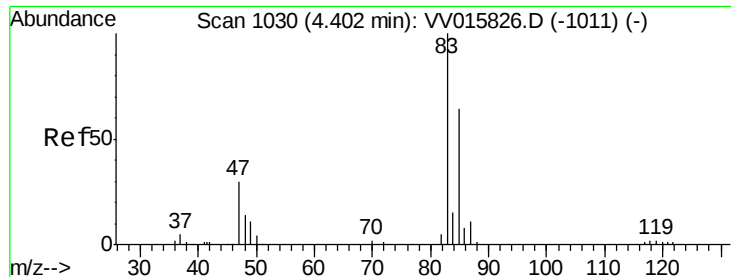
Ion Ratio Lower Upper

96 100

61 142.5 96.4 179.0

68 0.0 0.0 0.0

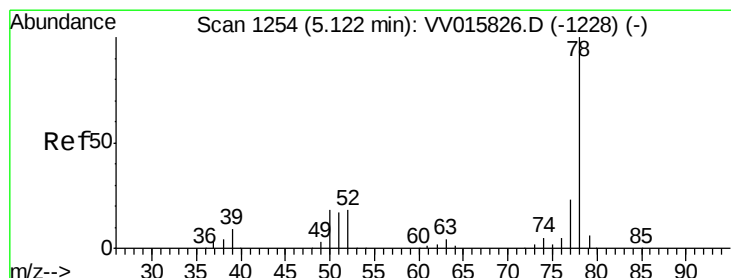
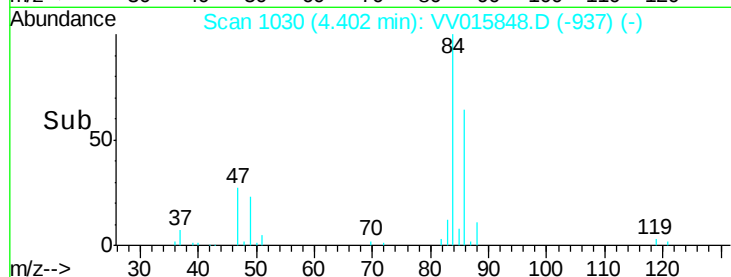
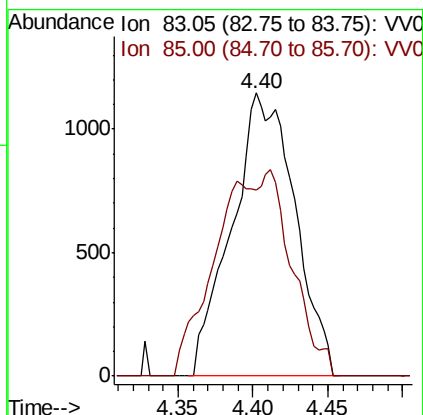
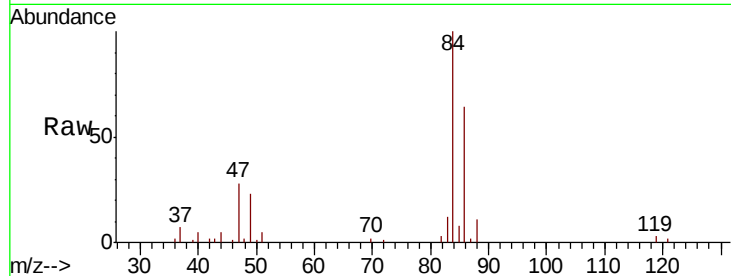




#25
Chloroform
Concen: 0.200 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV015848.D
Acq: 30 Apr 2020 20:52

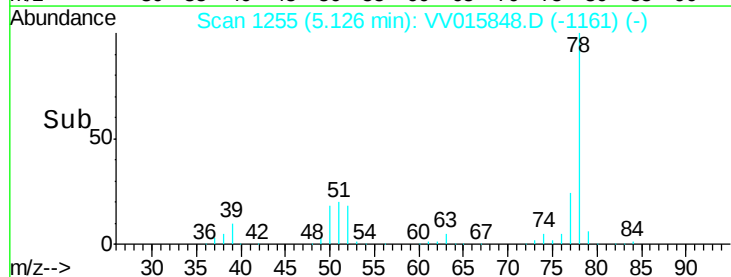
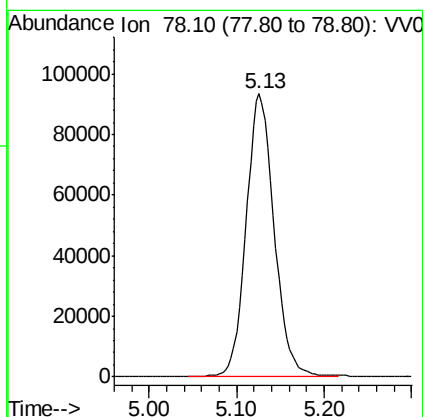
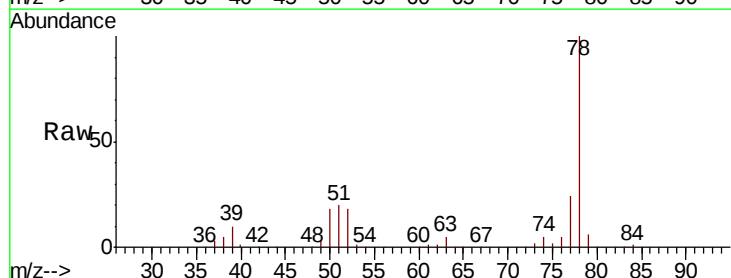
Instrument :
MSVOA_V
ClientSampled :

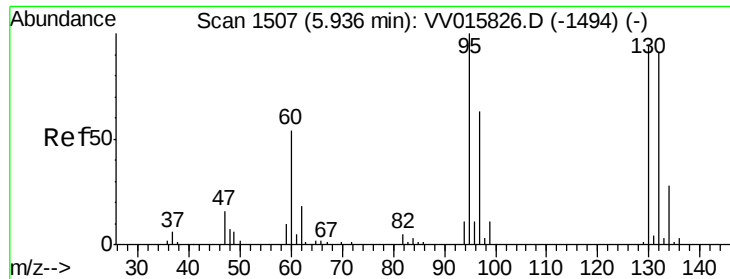
Tot Ion: 83 Resp: 3356
Ion Ratio Lower Upper
83 100
85 65.6 46.1 85.5



#33
Benzene
Concen: 6.208 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV015848.D
Acq: 30 Apr 2020 20:52

Tgt Ion: 78 Resp: 207861





#34

Trichloroethene

Concen: 5.928 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015848.D

Acq: 30 Apr 2020 20:52

Instrument :

MSVOA_V

ClientSampled :

Tot Ion: 95 Resp: 54815

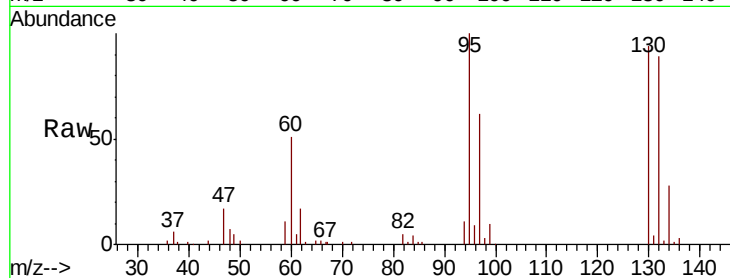
Ion Ratio Lower Upper

95 100

97 62.3 44.7 82.9

132 88.8 65.2 121.0

130 93.8 65.0 120.6

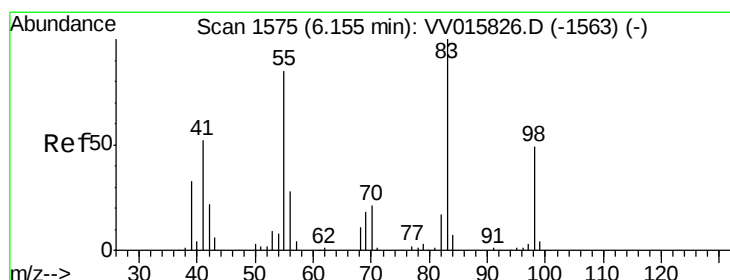
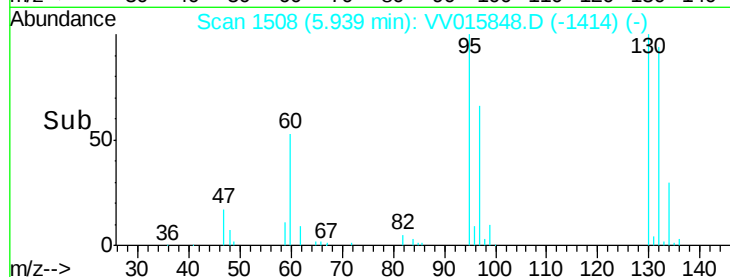
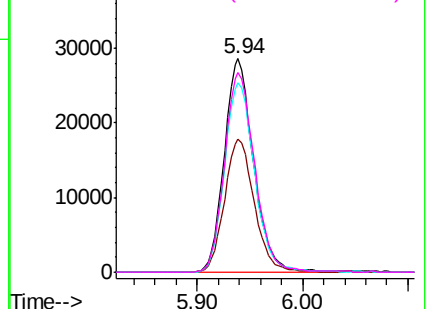


Abundance Ion 95.00 (94.70 to 95.70): VV0

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

Methylcyclohexane

Concen: 0.775 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV015848.D

Acq: 30 Apr 2020 20:52

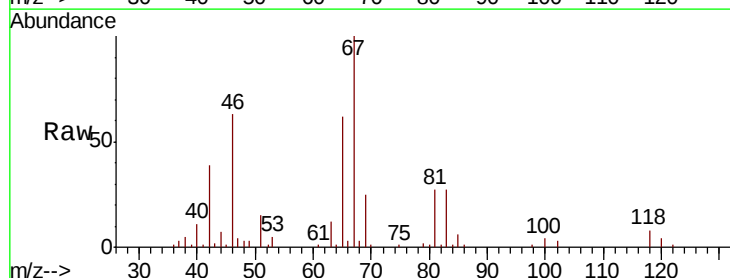
Tgt Ion: 83 Resp: 11002

Ion Ratio Lower Upper

83 100

55 0.2 66.6 99.8#

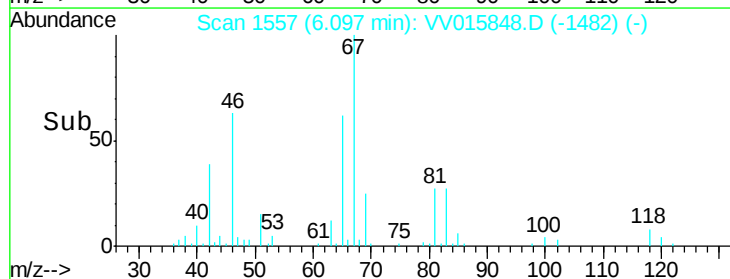
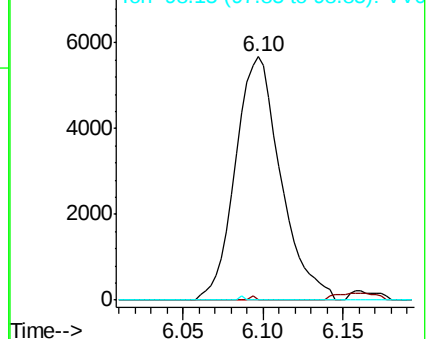
98 2.6 39.5 59.3#

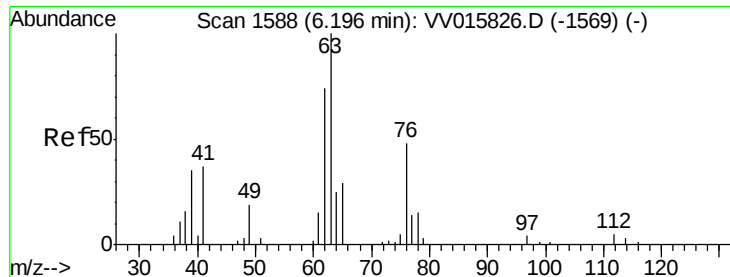


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

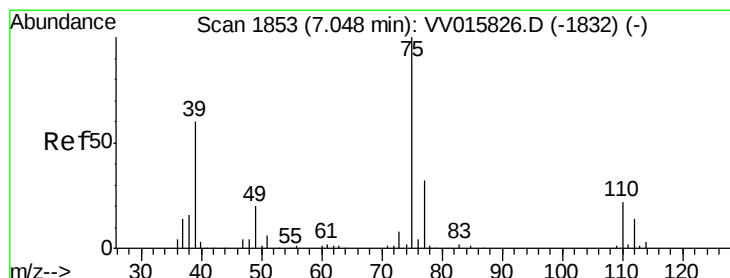
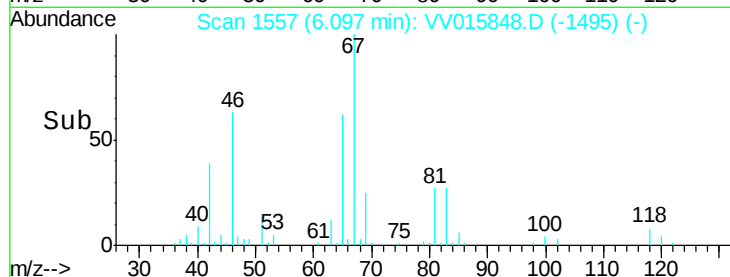
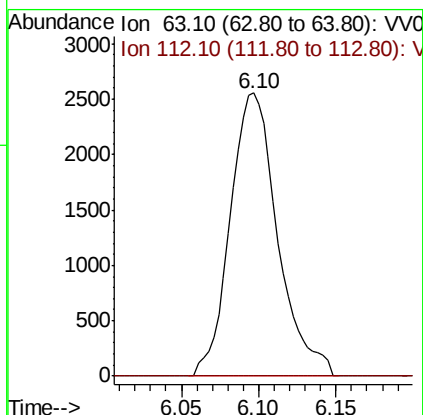
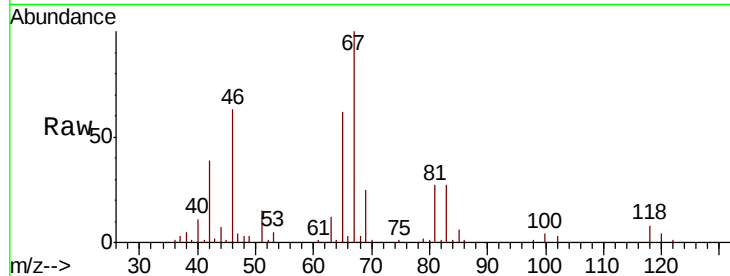




#37
 1,2-Dichloropropane
 Concen: 0.639 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015848.D
 Acq: 30 Apr 2020 20:52

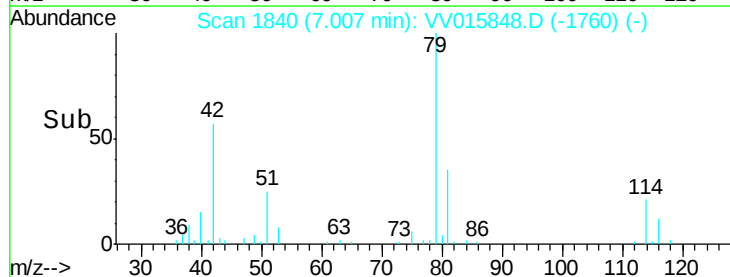
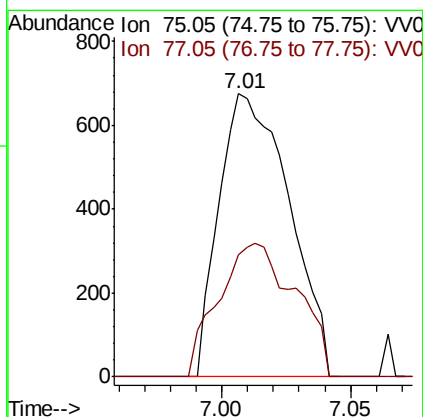
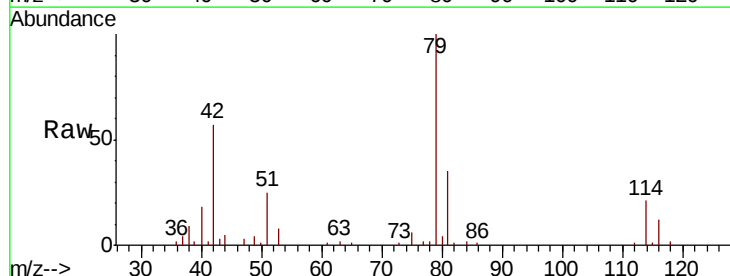
Instrument :
 MSVOA_V
 ClientSampleId :

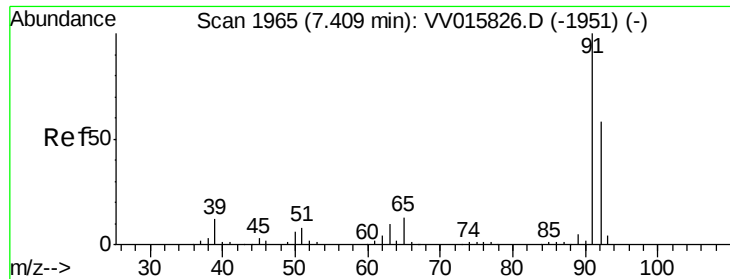
Tot Ion: 63 Resp: 5440
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV015848.D
 Acq: 30 Apr 2020 20:52

Tgt Ion: 75 Resp: 1281
 Ion Ratio Lower Upper
 75 100
 77 43.0 22.3 41.5#





#42

Toluene

Concen: 6.142 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV015848.D

Acq: 30 Apr 2020 20:52

Instrument :

MSVOA_V

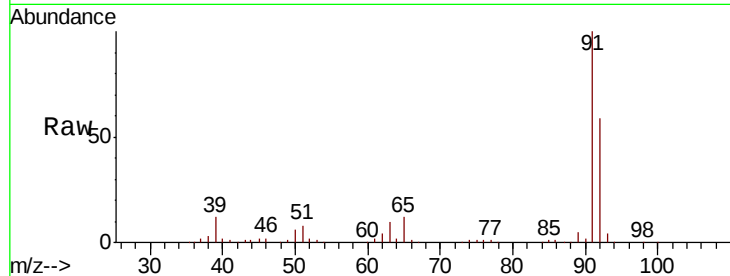
ClientSampled :

Tot Ion: 91 Resp: 219712

Ion Ratio Lower Upper

91 100

92 58.7 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.41

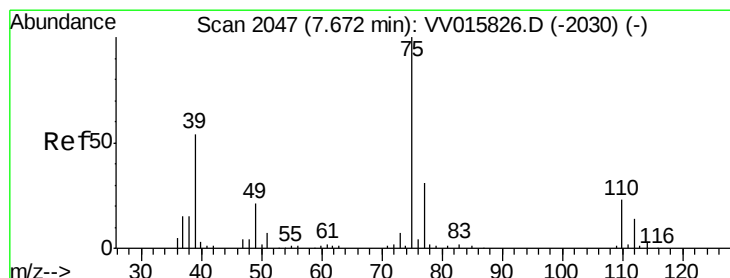
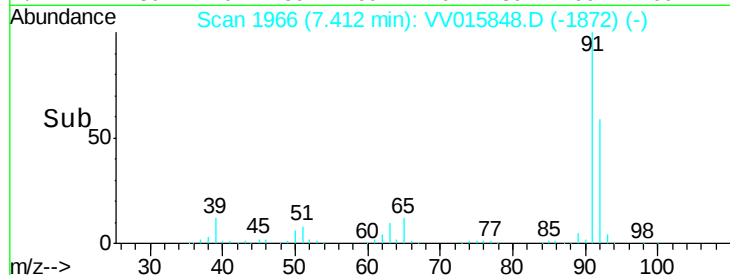
150000

100000

50000

0

Time--> 7.30 7.40 7.50



#44

trans-1,3-Dichloropropene

Concen: 0.057 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015848.D

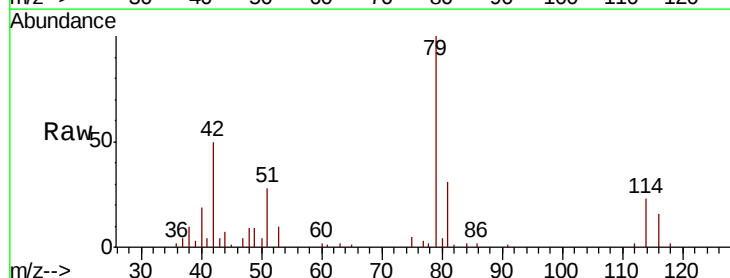
Acq: 30 Apr 2020 20:52

Tgt Ion: 75 Resp: 568

Ion Ratio Lower Upper

75 100

77 89.9 21.8 40.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.64

400

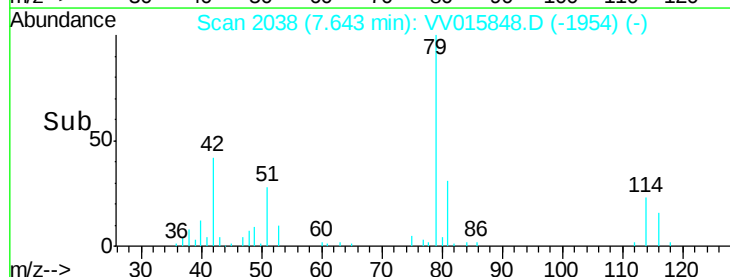
300

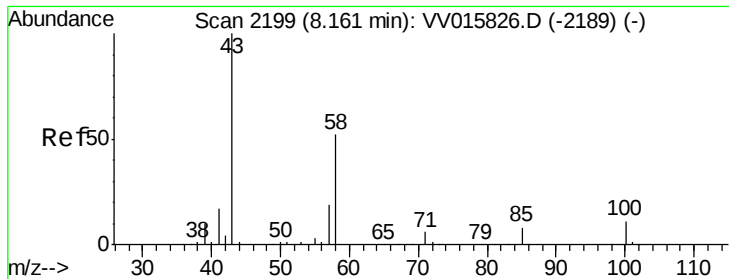
200

100

0

Time--> 7.60 7.62 7.64 7.66 7.68

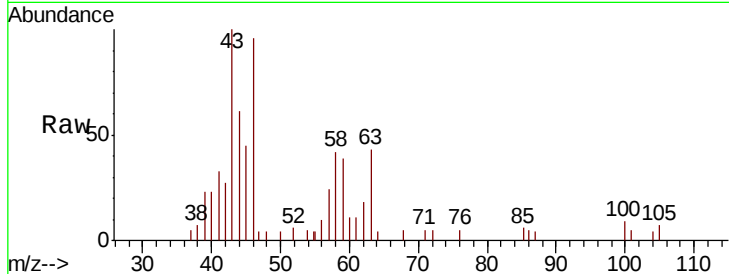




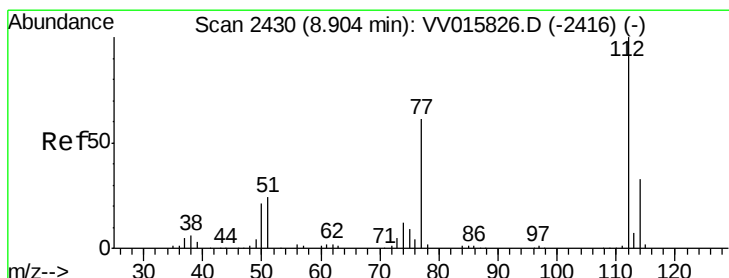
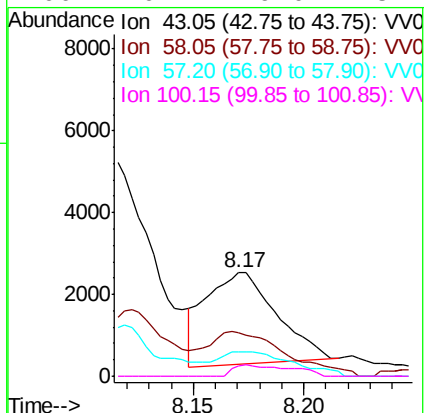
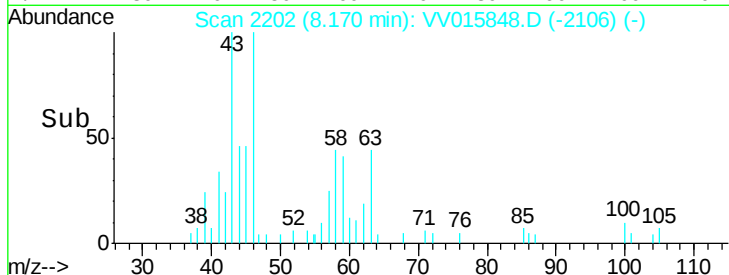
#48
2-Hexanone
Concen: 1.261 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV015848.D
Acq: 30 Apr 2020 20:52

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 4966
Ion Ratio Lower Upper
43 100
58 52.9 41.1 61.7
57 28.7 15.0 22.4#
100 10.2 9.0 13.4

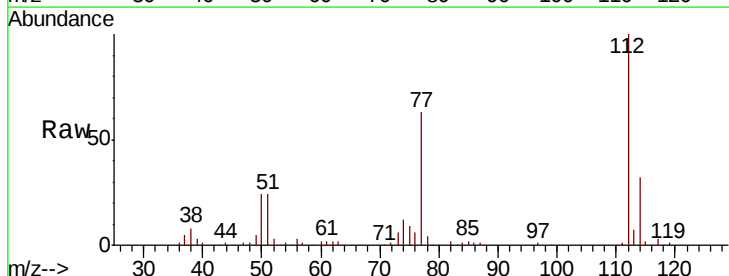


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0



#51
Chlorobenzene
Concen: 6.092 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VV015848.D
Acq: 30 Apr 2020 20:52

Tgt Ion: 112 Resp: 142764
Ion Ratio Lower Upper
112 100
114 31.6 21.6 40.2
77 62.6 48.9 73.3



Abundance Ion 112.10 (111.80 to 112.80): VV0
Ion 114.05 (113.75 to 114.75): VV0
Ion 77.10 (76.80 to 77.80): VV0

