

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
 Data File : VV015796.D
 Acq On : 29 Apr 2020 16:38
 Operator : SY/MD
 Sample : L2421-16
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFSC0

Quant Time: Apr 30 01:40:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 30 01:35:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	122110	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	120374	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	56403	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37264	5.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.80%
7) Chloroethane-d5	1.58	69	34065	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.80%
11) 1,1-Dichloroethene-d2	2.12	63	56181	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.40%
20) 2-Butanone-d5	3.91	46	92445	45.12	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.24%
24) Chloroform-d	4.38	84	63670	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.06	65	41549	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.08	84	138420	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.09	67	43116	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.34	98	122607	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.65	79	14248	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.11	63	64165	37.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.12%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	28695	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	45082	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

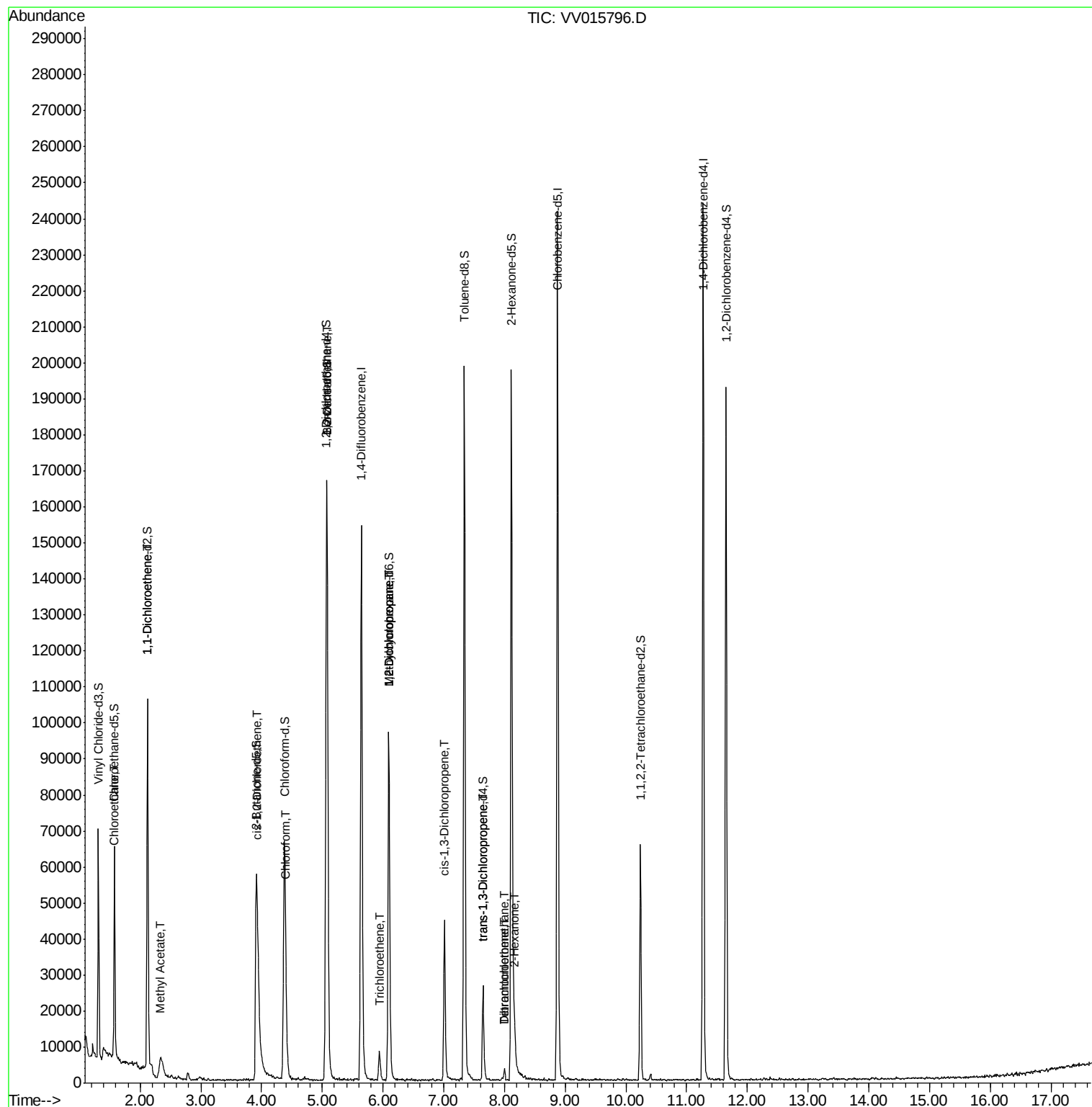
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.56	64	711	0.112	ug/L #	43
12) 1,1-Dichloroethene	2.13	96	605	0.085	ug/L #	1
15) Methyl Acetate	2.33	43	4718	1.394	ug/L #	56
22) cis-1,2-Dichloroethene	3.93	96	694	0.079	ug/L #	57
25) Chloroform	4.41	83	10867	0.655	ug/L	94
27) 1,2-Dichloroethane	5.07	62	1095	0.100	ug/L #	78
34) Trichloroethene	5.95	95	2224	0.234	ug/L	89
35) Methylcyclohexane	6.09	83	10723	0.736	ug/L #	16
37) 1,2-Dichloropropane	6.09	63	5459	0.624	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1207	0.099	ug/L #	30
44) trans-1,3-Dichloropropene	7.64	75	837	0.082	ug/L	86
47) Tetrachloroethene	8.00	164	659	0.096	ug/L #	81
48) 2-Hexanone	8.17	43	4794	1.185	ug/L #	80
49) Dibromochloromethane	8.00	129	580	0.094	ug/L #	12

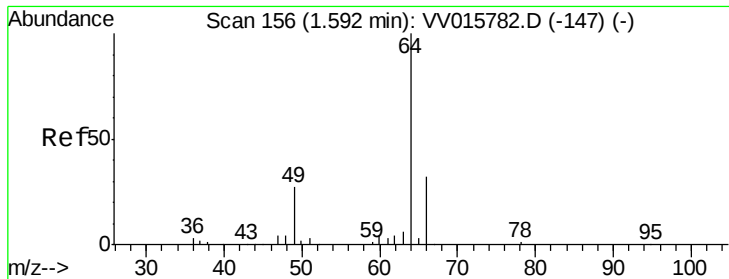
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 0.112 ug/L

RT: 1.56 min Scan# 147

Delta R.T. -0.03 min

Lab File: VV015796.D

Acq: 29 Apr 2020 16:38

Instrument :

MSVOA_V

ClientSampleId :

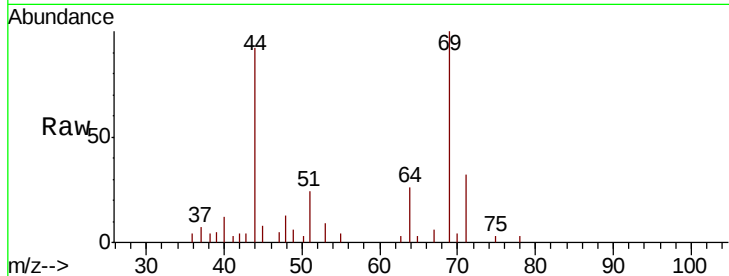
BFSC0

Tot Ion: 64 Resp: 711

Ion Ratio Lower Upper

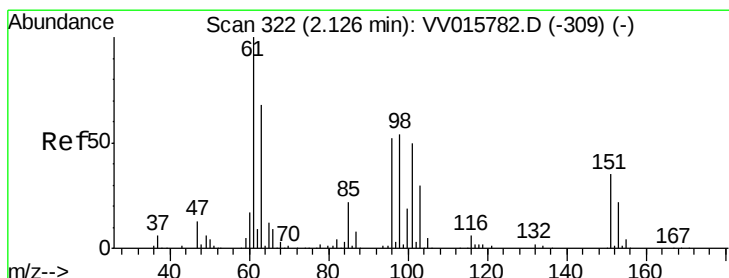
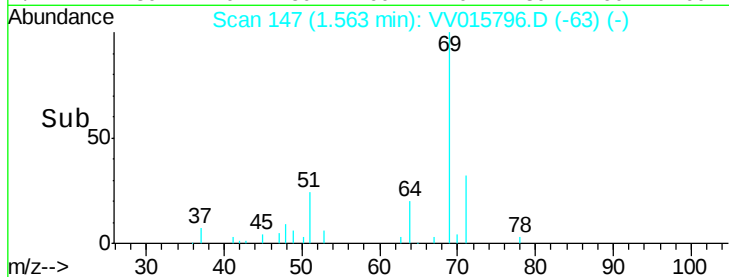
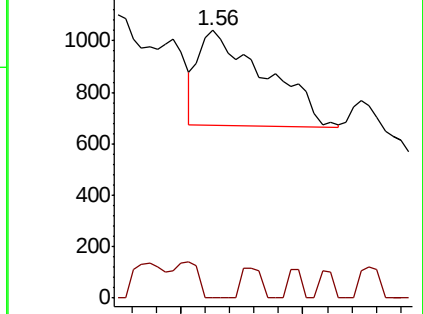
64 100

66 0.0 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#12

1,1-Dichloroethene

Concen: 0.085 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV015796.D

Acq: 29 Apr 2020 16:38

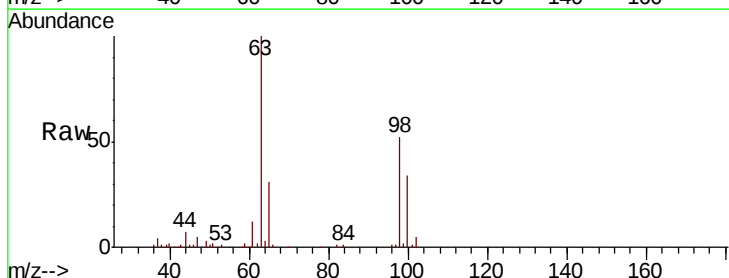
Tgt Ion: 96 Resp: 605

Ion Ratio Lower Upper

96 100

61 1053.9 130.1 241.7#

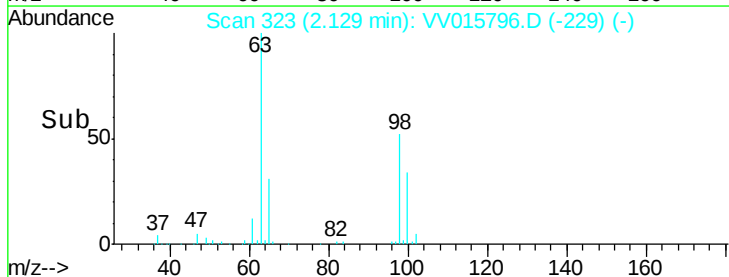
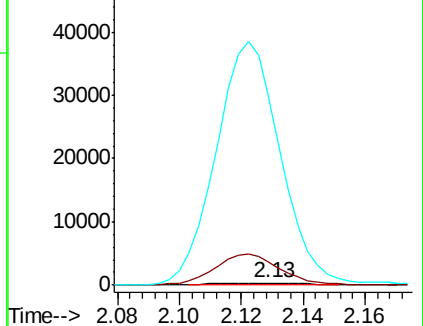
63 8680.8 91.4 169.8#

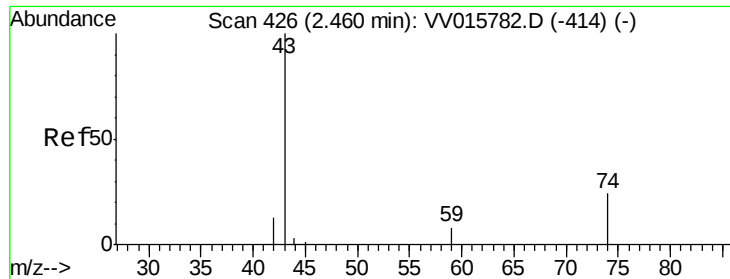


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#15

Methvl Acetate

Concen: 1.394 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.13 min

Lab File: VV015796.D

Acq: 29 Apr 2020 16:38

Instrument :

MSVOA_V

ClientSampleId :

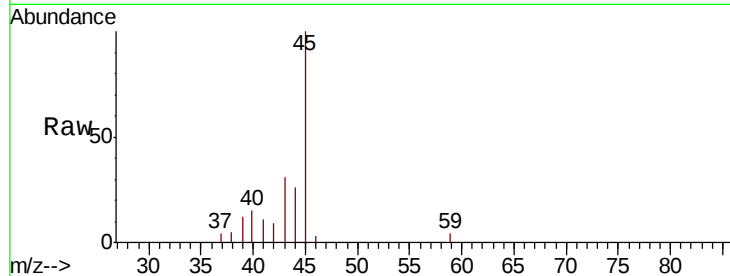
BFSC0

Tot Ion: 43 Resp: 4718

Ion Ratio Lower Upper

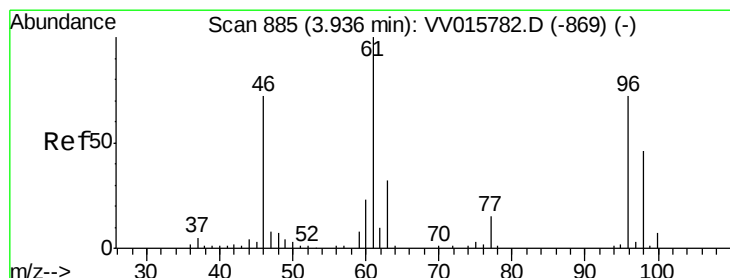
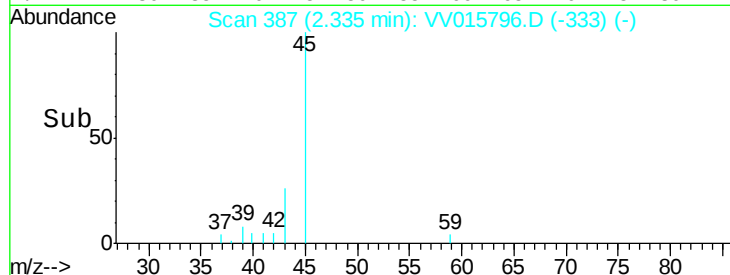
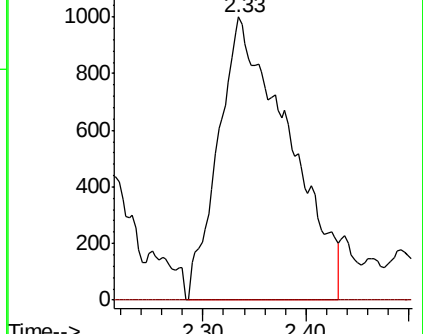
43 100

74 0.0 16.3 24.5#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



#22

cis-1,2-Dichloroethene

Concen: 0.079 ug/L

RT: 3.93 min Scan# 884

Delta R.T. -0.00 min

Lab File: VV015796.D

Acq: 29 Apr 2020 16:38

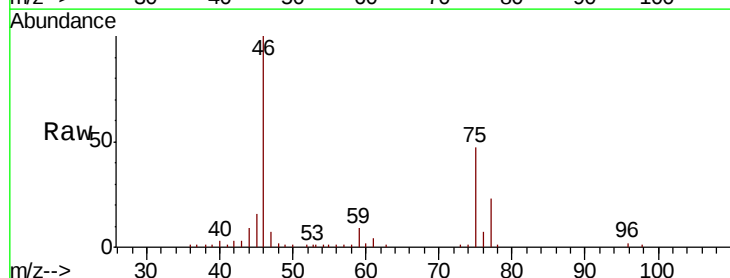
Tgt Ion: 96 Resp: 694

Ion Ratio Lower Upper

96 100

61 189.7 96.4 179.0#

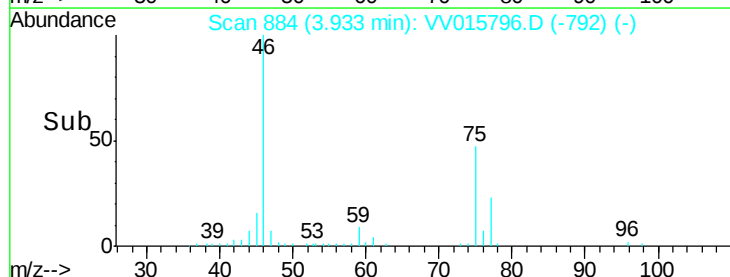
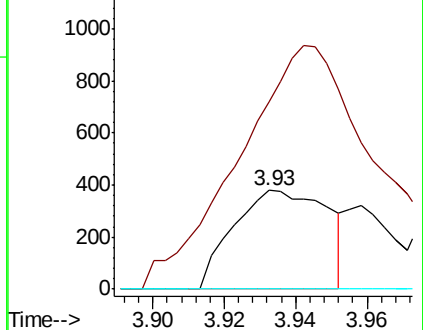
68 0.0 0.0 0.0

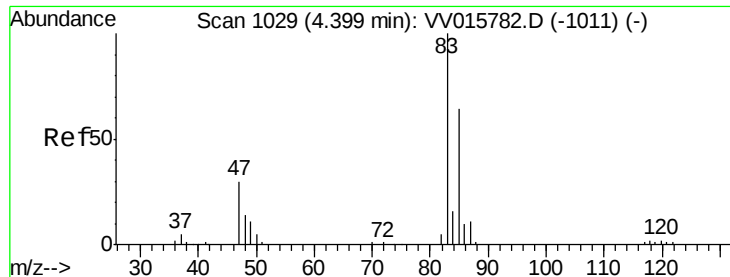


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

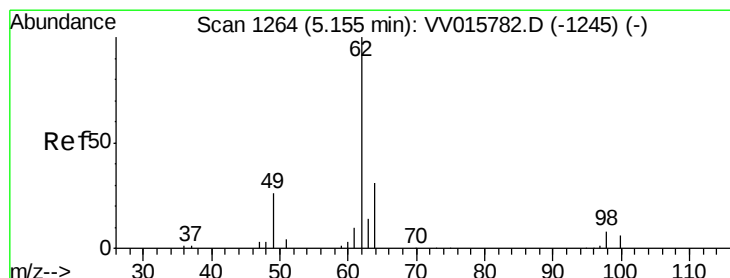
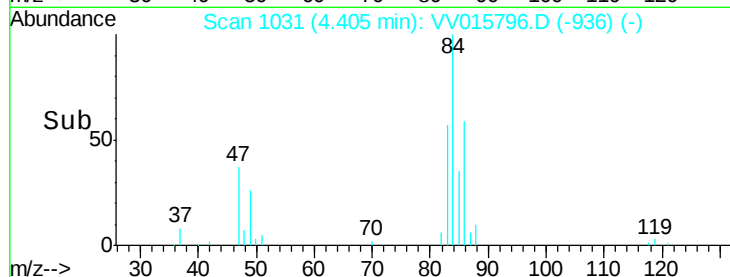
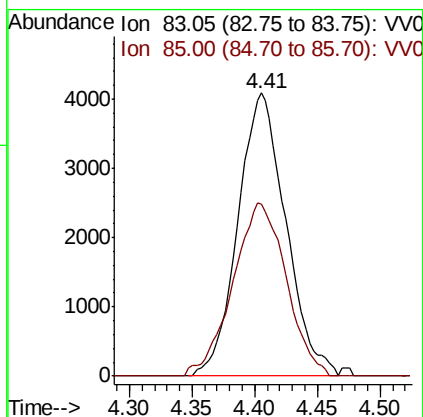
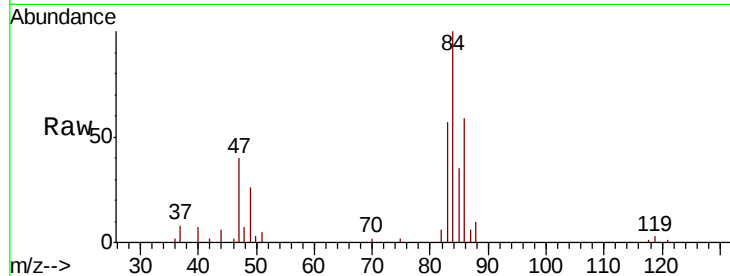




#25
Chloroform
Concen: 0.655 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015796.D
Acq: 29 Apr 2020 16:38

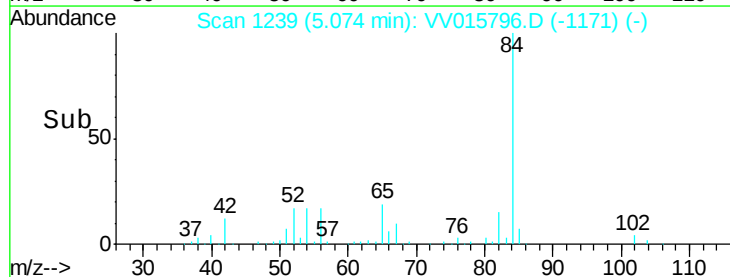
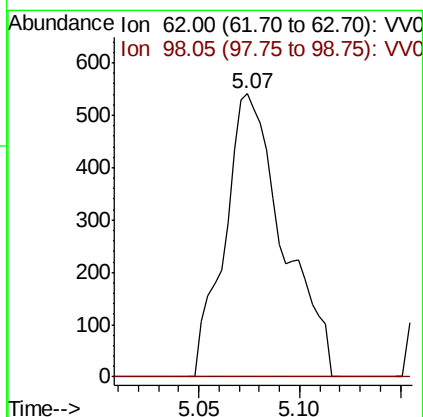
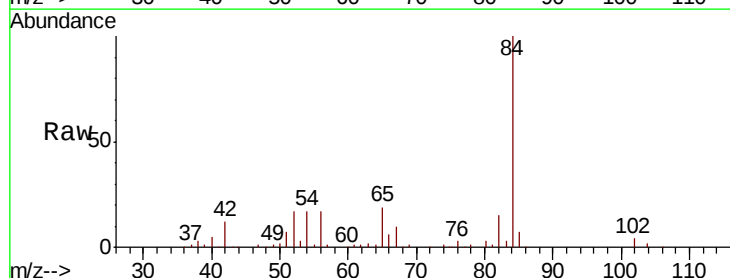
Instrument :
MSVOA_V
ClientSampleId :
BFSC0

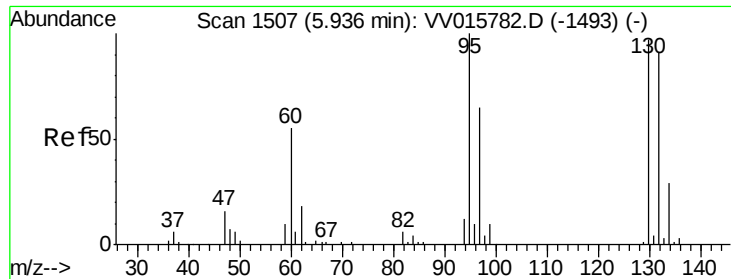
Tot Ion: 83 Resp: 10867
Ion Ratio Lower Upper
83 100
85 60.8 46.1 85.5



#27
1,2-Dichloroethane
Concen: 0.100 ug/L
RT: 5.07 min Scan# 1239
Delta R.T. -0.08 min
Lab File: VV015796.D
Acq: 29 Apr 2020 16:38

Tgt Ion: 62 Resp: 1095
Ion Ratio Lower Upper
62 100
98 0.0 6.3 9.5#





#34

Trichloroethene

Concen: 0.234 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV015796.D

Acq: 29 Apr 2020 16:38

Instrument :

MSVOA_V

ClientSampleId :

BFSC0

Tot Ion: 95 Resp: 2224

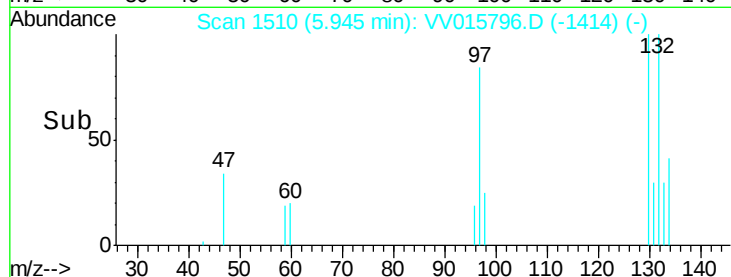
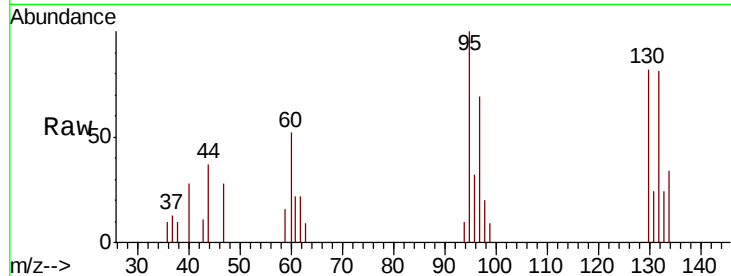
Ion Ratio Lower Upper

95 100

97 68.9 44.7 82.9

132 81.5 65.2 121.0

130 81.6 65.0 120.6

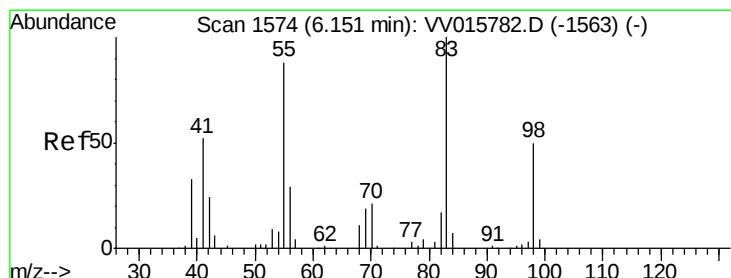
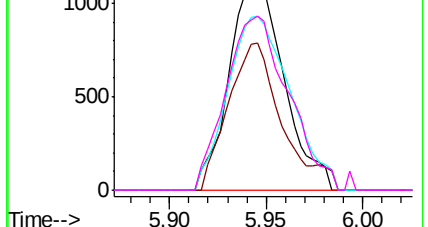


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.736 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV015796.D

Acq: 29 Apr 2020 16:38

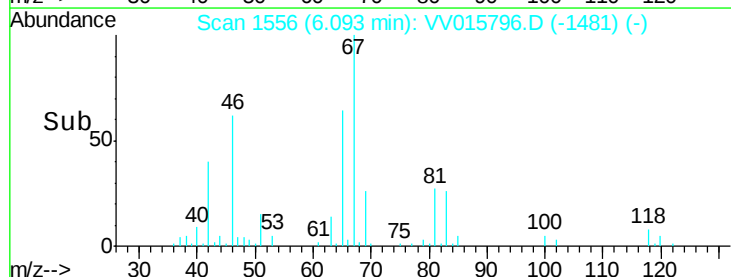
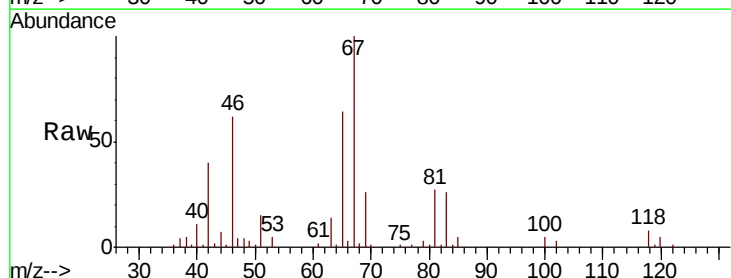
Tgt Ion: 83 Resp: 10723

Ion Ratio Lower Upper

83 100

55 0.4 66.6 99.8#

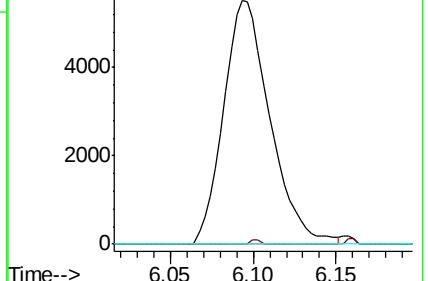
98 1.7 39.5 59.3#

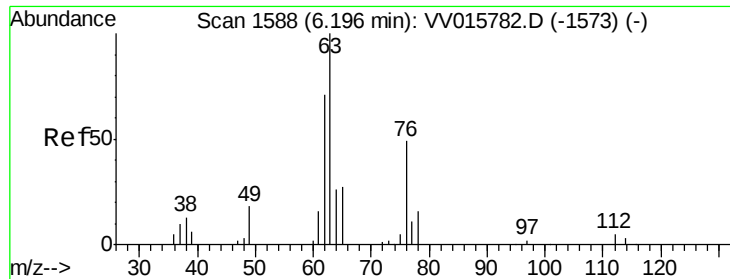


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

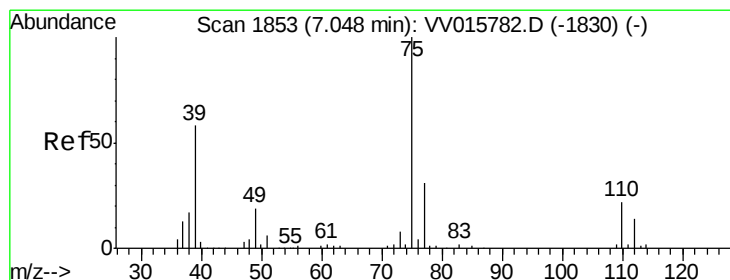
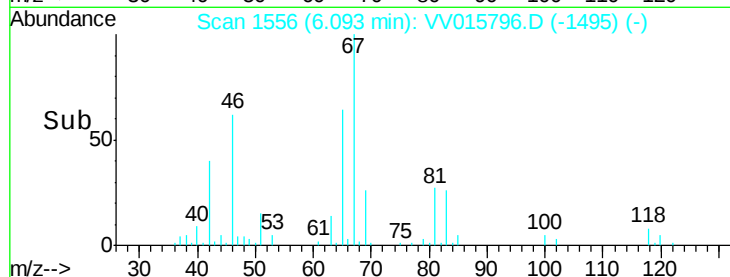
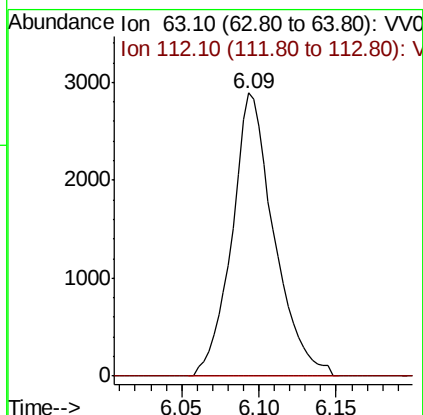
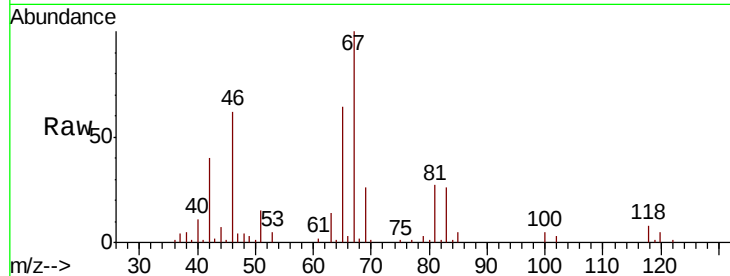




#37
 1,2-Dichloropropane
 Concen: 0.624 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV015796.D
 Acq: 29 Apr 2020 16:38

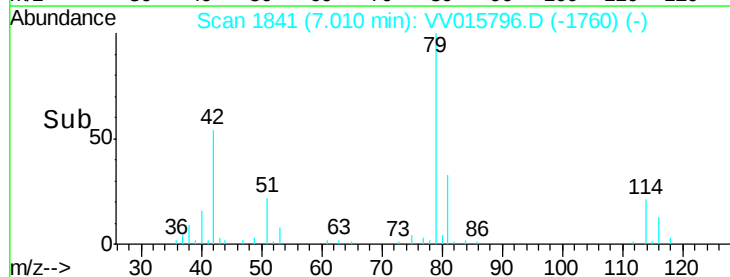
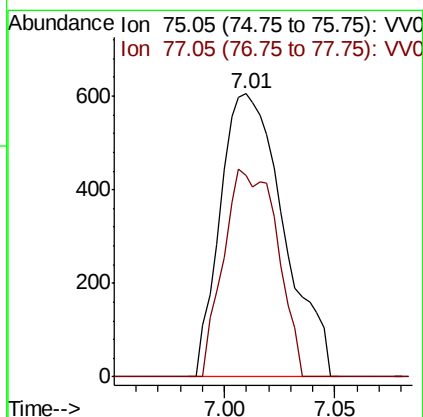
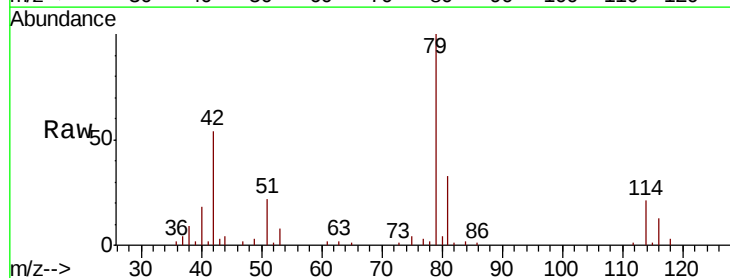
Instrument :
 MSVOA_V
 ClientSampleId :
 BFSC0

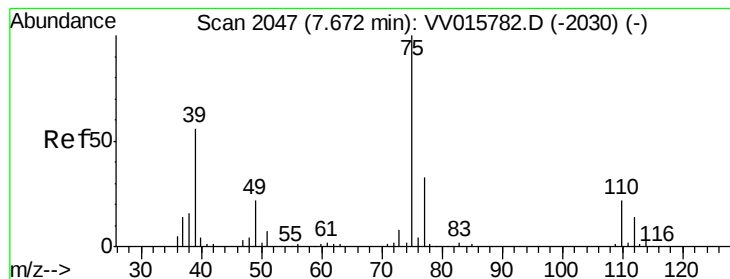
Tot Ion: 63 Resp: 5459
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015796.D
 Acq: 29 Apr 2020 16:38

Tgt Ion: 75 Resp: 1207
 Ion Ratio Lower Upper
 75 100
 77 71.1 22.3 41.5#





#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV015796.D

Acq: 29 Apr 2020 16:38

Instrument :

MSVOA_V

ClientSampleId :

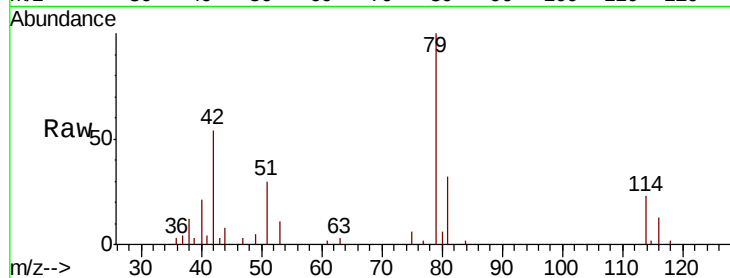
BFSC0

Tot Ion: 75 Resp: 837

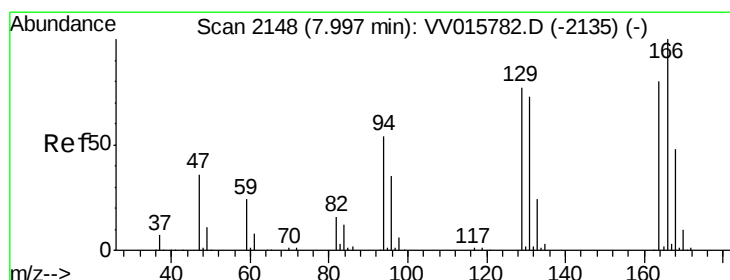
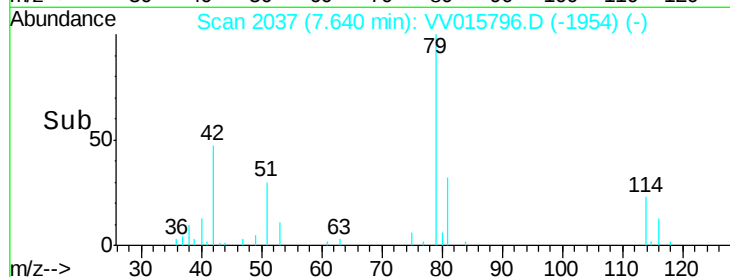
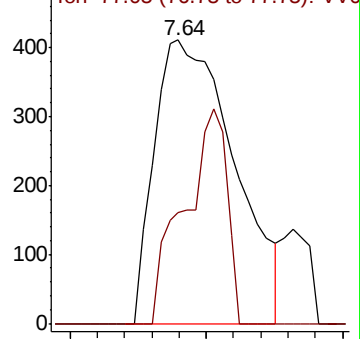
Ion Ratio Lower Upper

75 100

77 39.2 21.8 40.6



Abundance Ion 75.05 (74.75 to 75.75): VV015796.D (-1954) (-)



#47

Tetrachloroethene

Concen: 0.096 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. 0.01 min

Lab File: VV015796.D

Acq: 29 Apr 2020 16:38

Tgt Ion: 164 Resp: 659

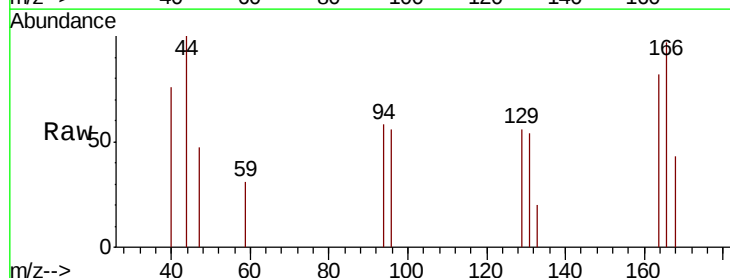
Ion Ratio Lower Upper

164 100

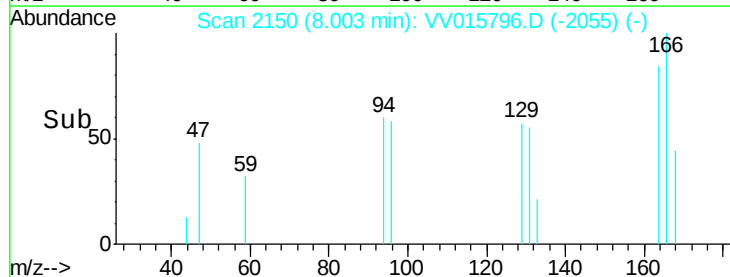
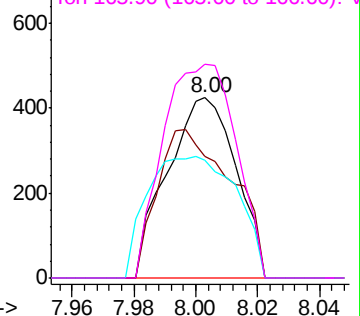
129 67.8 66.7 123.9

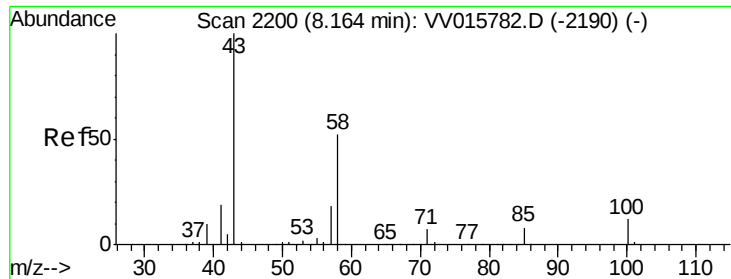
131 65.6 66.6 123.6#

166 118.4 85.3 158.5



Abundance Ion 163.90 (163.60 to 164.60): VV015796.D (-2055) (-)

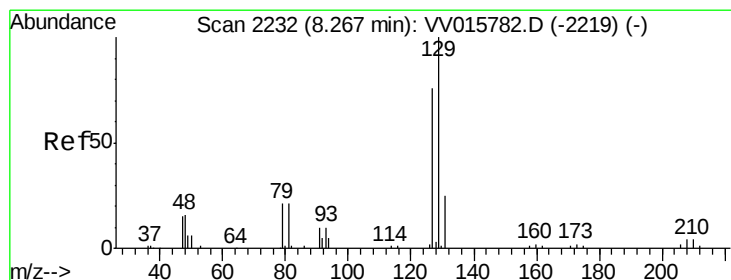
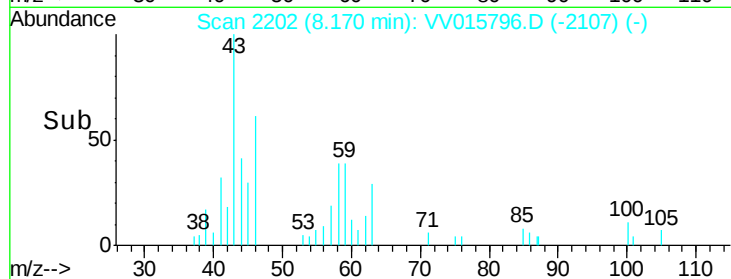
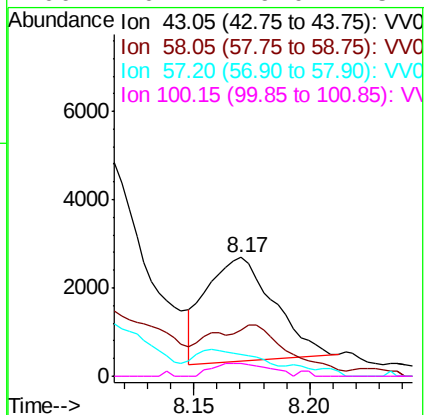
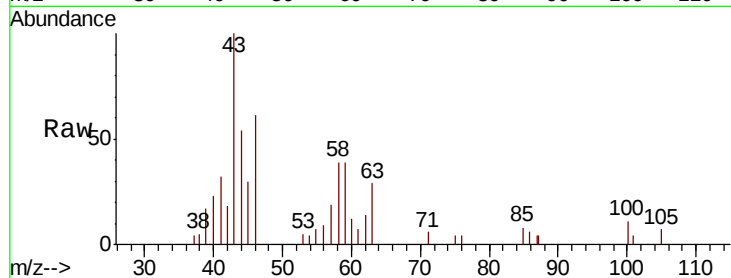




#48
2-Hexanone
Concen: 1.185 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV015796.D
Acq: 29 Apr 2020 16:38

Instrument :
MSVOA_V
ClientSampleId :
BFSC0

Tot Ion: 43 Resp: 4794
Ion Ratio Lower Upper
43 100
58 40.1 41.1 61.7#
57 0.0 15.0 22.4#
100 10.2 9.0 13.4



#49
Dibromochloromethane
Concen: 0.094 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV015796.D
Acq: 29 Apr 2020 16:38

Tgt Ion: 129 Resp: 580
Ion Ratio Lower Upper
129 100
127 0.0 52.6 97.8#

