

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
 Data File : VV015790.D
 Acq On : 29 Apr 2020 14:16
 Operator : SY/MD
 Sample : L2419-08
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 30 01:39:11 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	127470	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	126649	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	60271	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	39578	5.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.80%
7) Chloroethane-d5	1.58	69	35273	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.80%
11) 1,1-Dichloroethene-d2	2.12	63	57611	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	3.91	46	93111	43.53	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.06%
24) Chloroform-d	4.38	84	73705	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.06	65	42413	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.07	84	141691	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.10	67	44209	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.34	98	127219	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.64	79	14459	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.11	63	63106	34.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.30%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	27379	3.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	46885	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

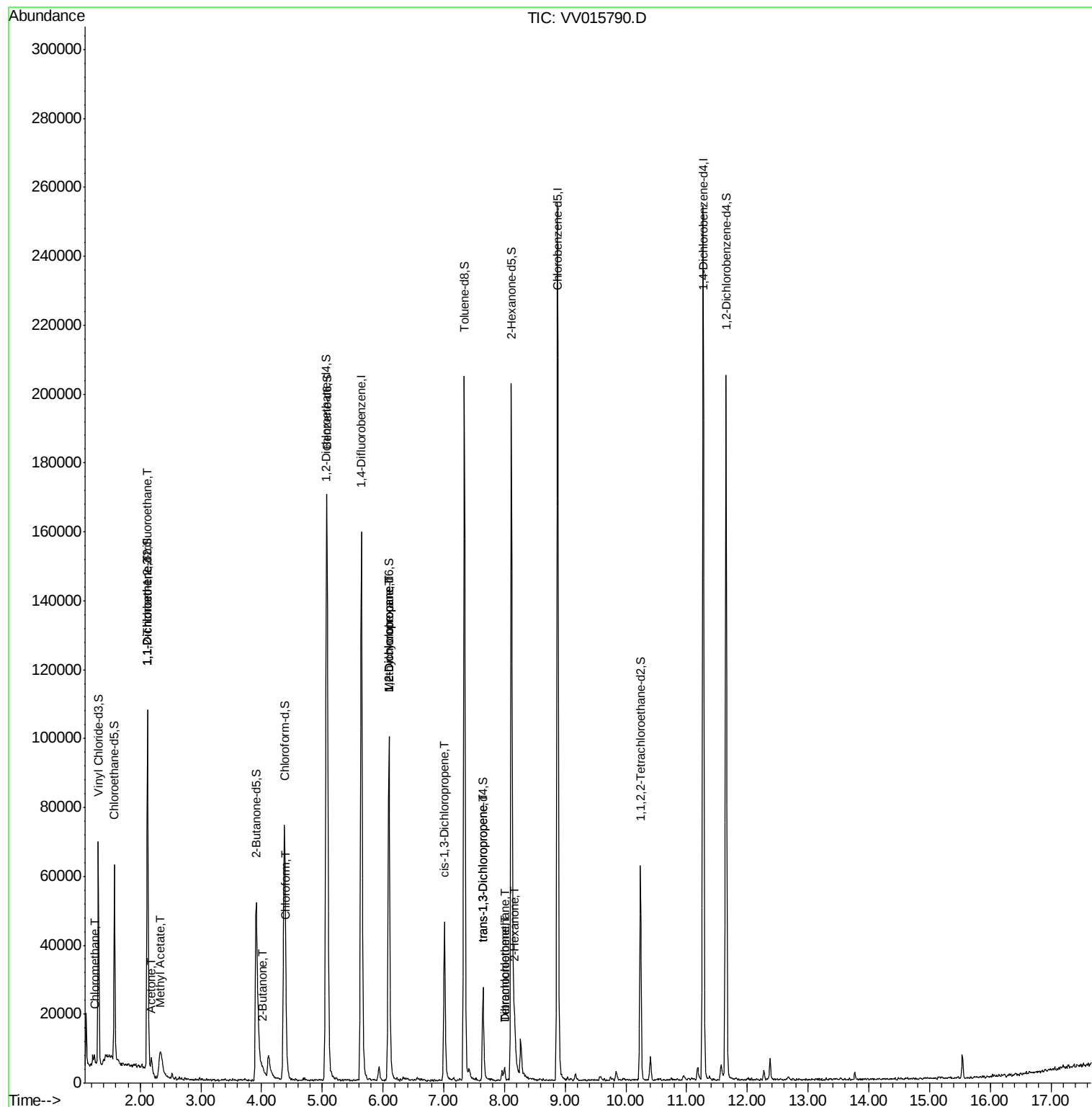
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	1329	0.141	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	575	0.072	ug/L #	22
12) 1,1-Dichloroethene	2.12	96	534	0.072	ug/L #	1
13) Acetone	2.18	43	5621	3.785	ug/L	85
15) Methyl Acetate	2.33	43	4190	1.186	ug/L #	56
21) 2-Butanone	4.03	43	2009	0.877	ug/L	95
25) Chloroform	4.41	83	3532	0.204	ug/L	92
35) Methylcyclohexane	6.10	83	10965	0.715	ug/L #	17
37) 1,2-Dichloropropane	6.09	63	5773	0.628	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1259	0.098	ug/L #	66
44) trans-1,3-Dichloropropene	7.65	75	899	0.083	ug/L	86
47) Tetrachloroethene	8.00	164	829	0.115	ug/L	84
48) 2-Hexanone	8.17	43	8553	2.009	ug/L #	83
49) Dibromochloromethane	8.00	129	746	0.115	ug/L #	12

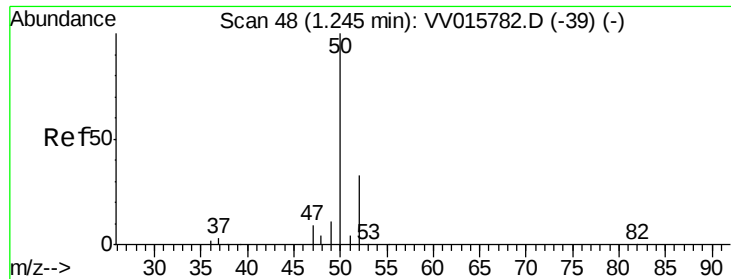
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 30 01:35:08 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.141 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV015790.D

Acq: 29 Apr 2020 14:16

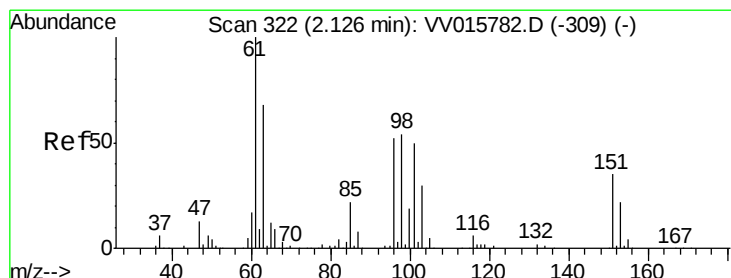
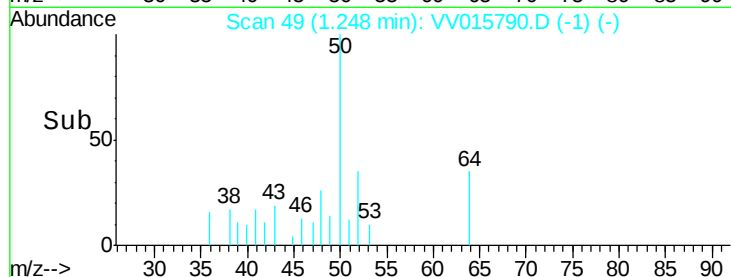
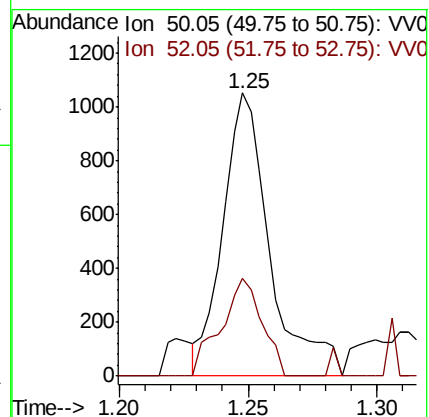
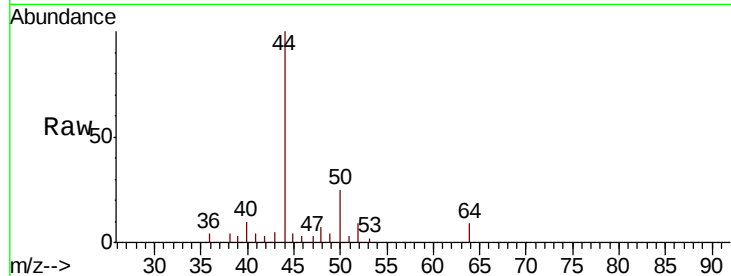
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 1329

Ion Ratio Lower Upper

50 100

52 34.6 22.9 42.5



#10

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

Concen: 0.072 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015790.D

Acq: 29 Apr 2020 14:16

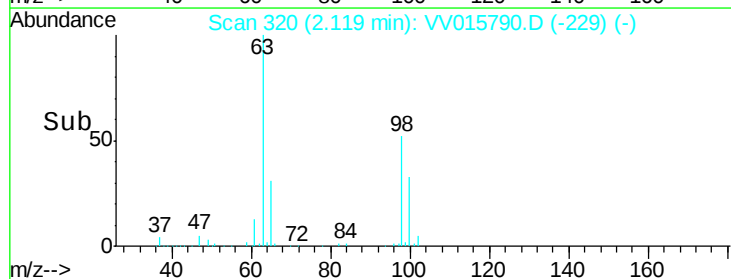
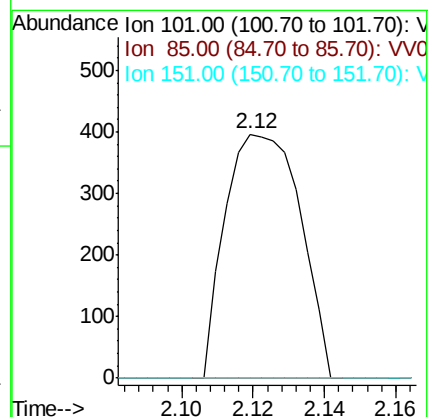
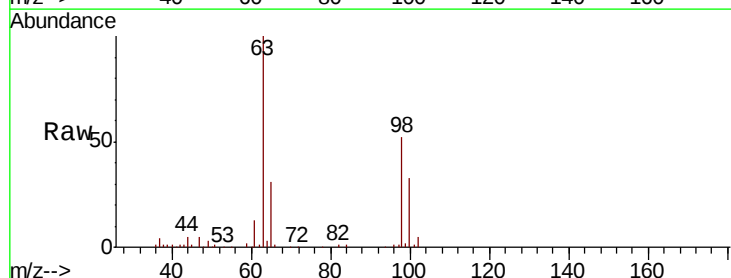
Tgt Ion: 101 Resp: 575

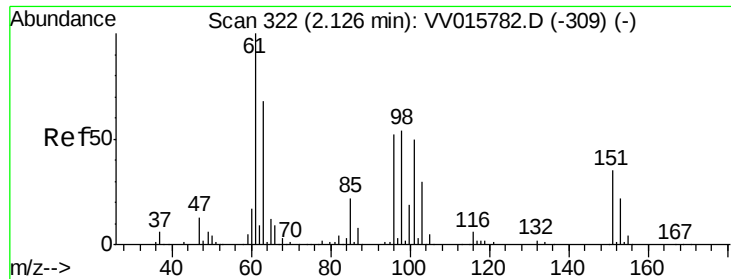
Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 0.0 55.2 82.8#





#12

1,1-Dichloroethene

Concen: 0.072 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV015790.D

Acq: 29 Apr 2020 14:16

Instrument :

MSVOA_V

ClientSampleId :

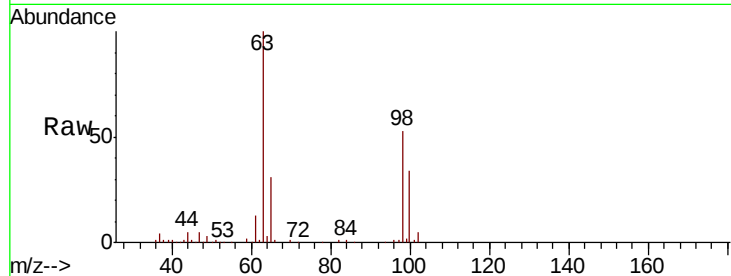
Tot Ion: 96 Resp: 534

Ion Ratio Lower Upper

96 100

61 1439.7 130.1 241.7#

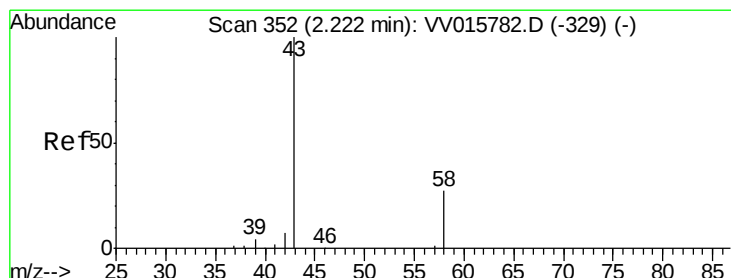
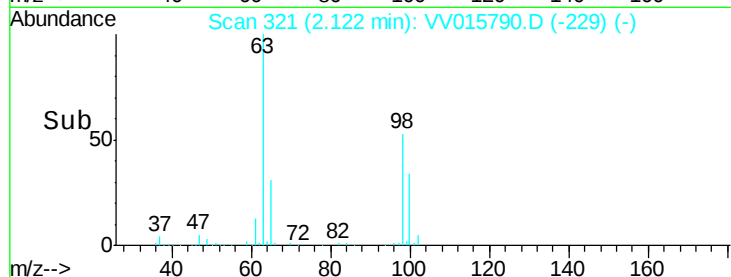
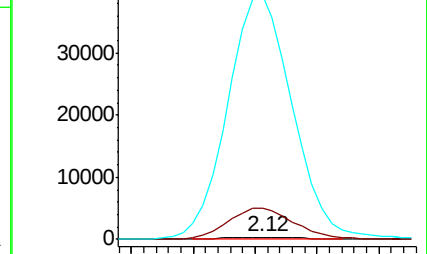
63 11202.3 91.4 169.8#



Abundance Ion 96.00 (95.70 to 96.70): VV015790.D (-229) (-)

Ion 61.05 (60.75 to 61.75): VV015790.D (-229) (-)

Ion 63.00 (62.70 to 63.70): VV015790.D (-229) (-)



#13

Acetone

Concen: 3.785 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.04 min

Lab File: VV015790.D

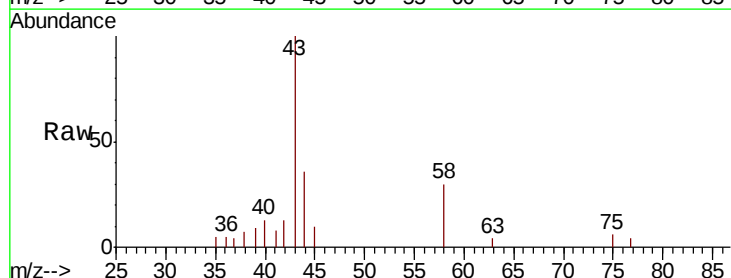
Acq: 29 Apr 2020 14:16

Tgt Ion: 43 Resp: 5621

Ion Ratio Lower Upper

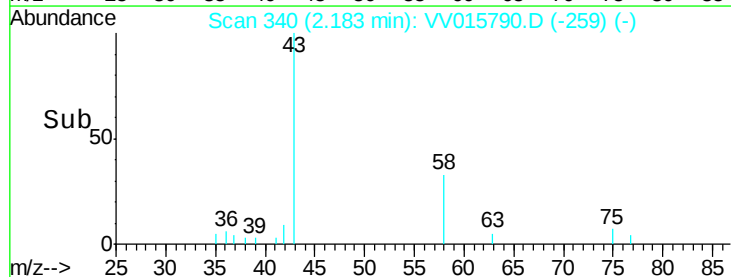
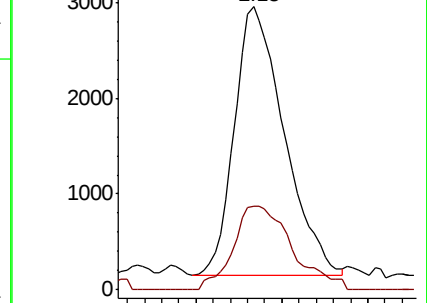
43 100

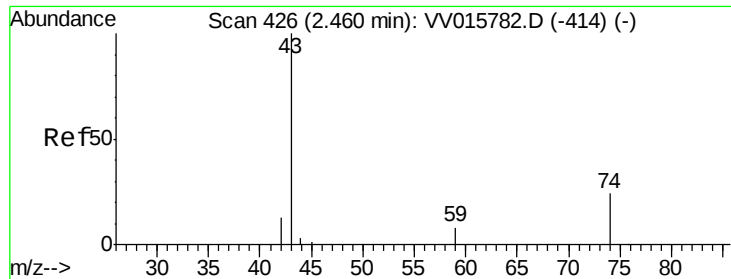
58 37.0 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV015790.D (-259) (-)

Ion 58.05 (57.75 to 58.75): VV015790.D (-259) (-)

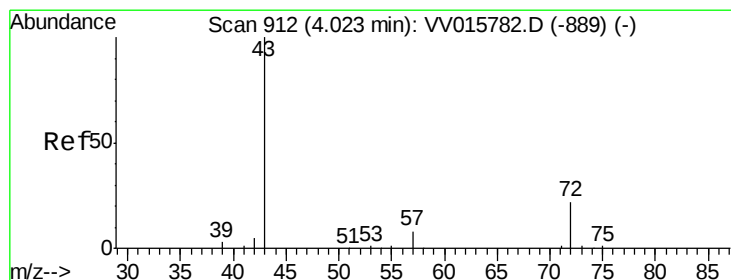
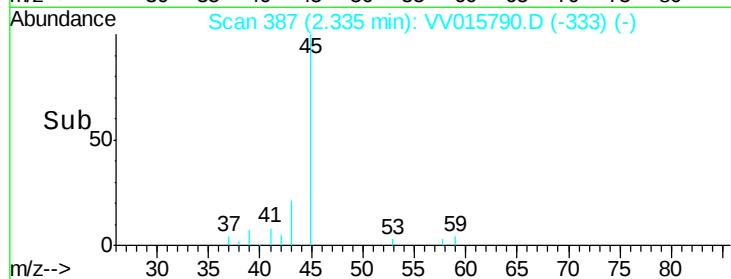
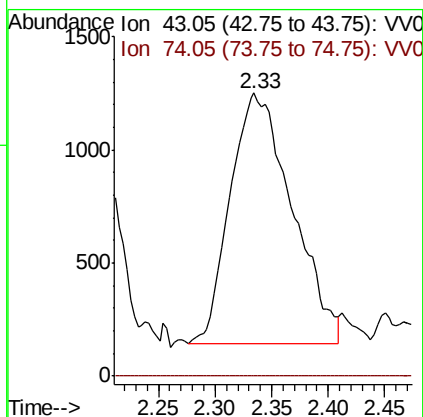
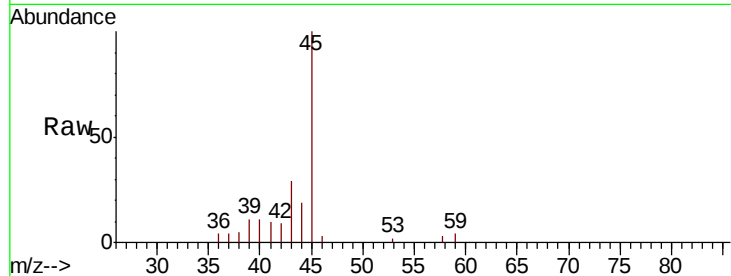




#15
Methvl Acetate
Concen: 1.186 ug/L
RT: 2.33 min Scan# 387
Delta R.T. -0.13 min
Lab File: VV015790.D
Acq: 29 Apr 2020 14:16

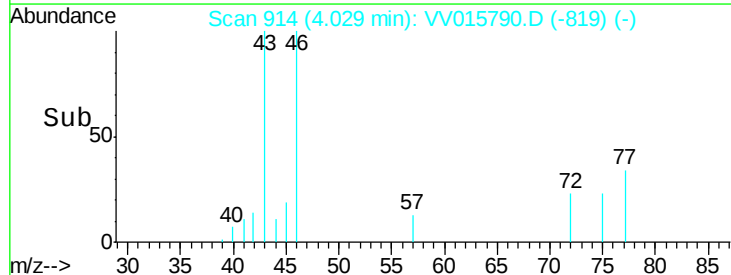
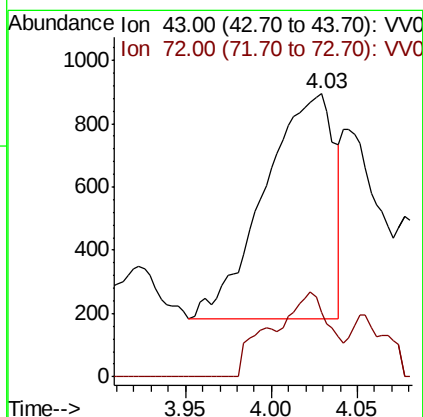
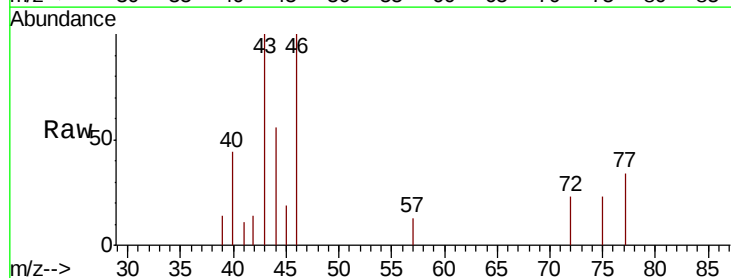
Instrument :
MSVOA_V
ClientSampleId :

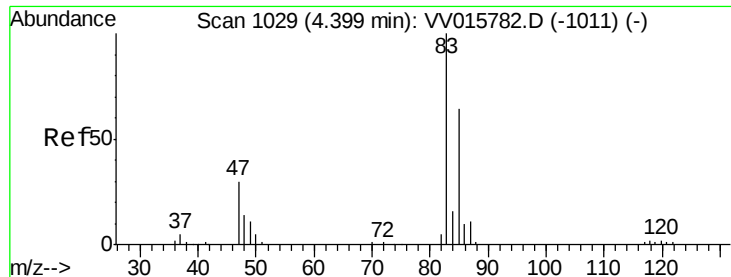
Tot Ion: 43 Resp: 4190
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#21
2-Butanone
Concen: 0.877 ug/L
RT: 4.03 min Scan# 914
Delta R.T. 0.01 min
Lab File: VV015790.D
Acq: 29 Apr 2020 14:16

Tgt Ion: 43 Resp: 2009
Ion Ratio Lower Upper
43 100
72 22.2 12.3 36.9

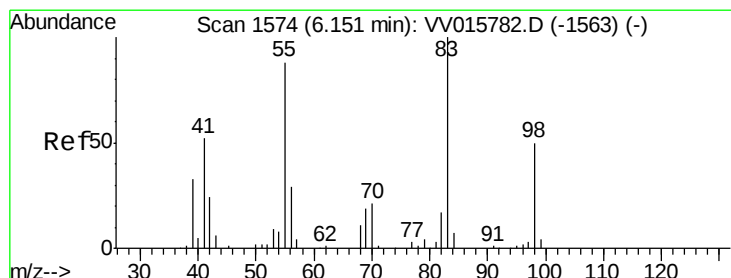
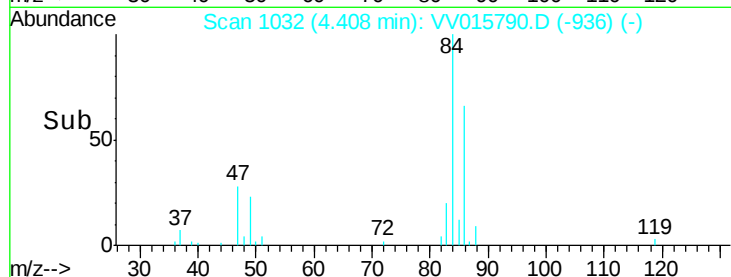
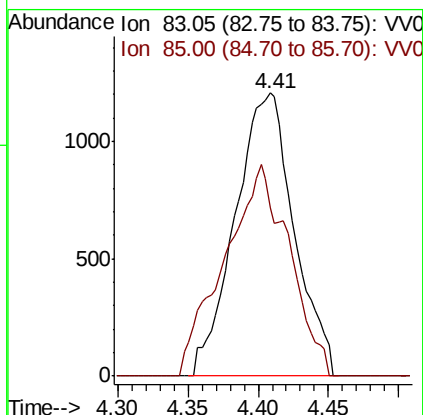
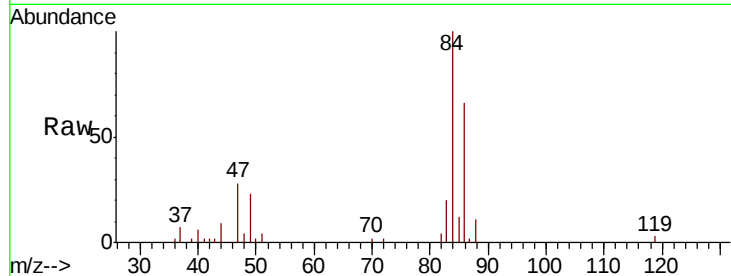




#25
Chloroform
Concen: 0.204 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV015790.D
Acq: 29 Apr 2020 14:16

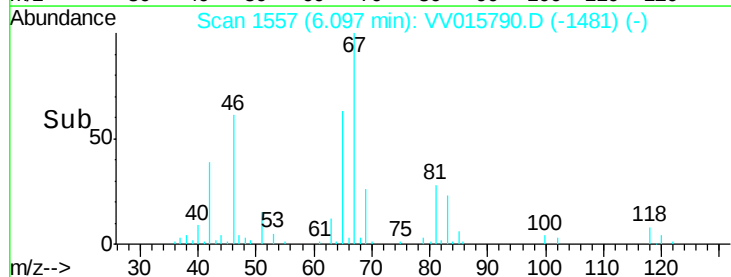
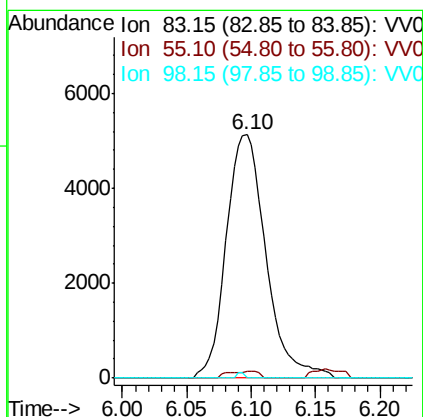
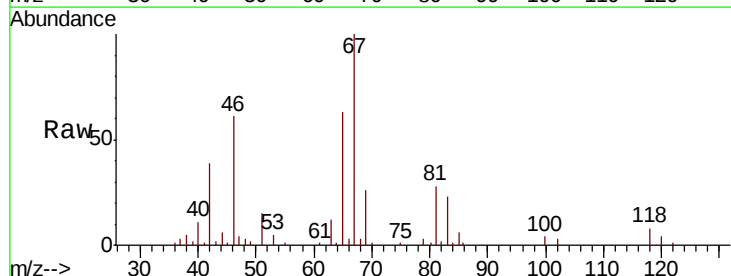
Instrument :
MSVOA_V
ClientSampled :

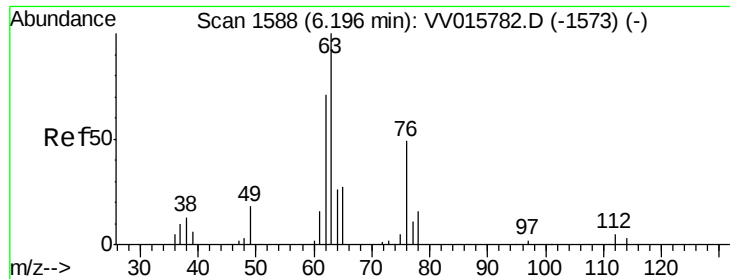
Tot Ion: 83 Resp: 3532
Ion Ratio Lower Upper
83 100
85 59.5 46.1 85.5



#35
Methylcyclohexane
Concen: 0.715 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015790.D
Acq: 29 Apr 2020 14:16

Tgt Ion: 83 Resp: 10965
Ion Ratio Lower Upper
83 100
55 2.1 66.6 99.8#
98 0.4 39.5 59.3#

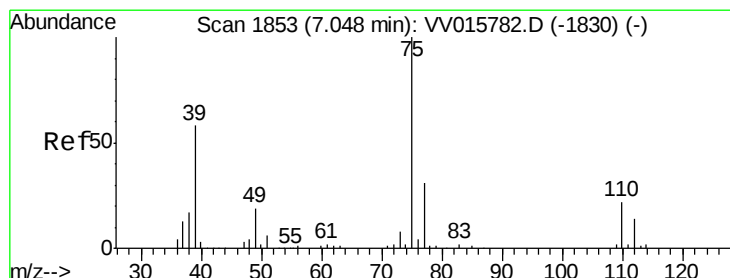
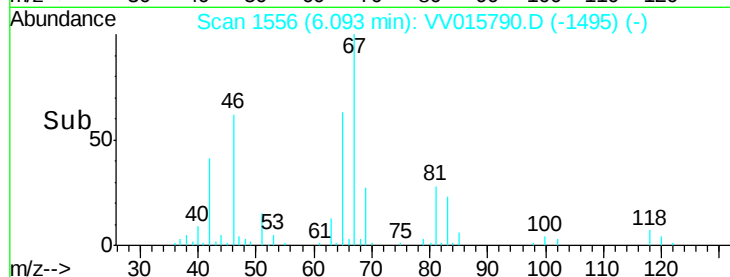
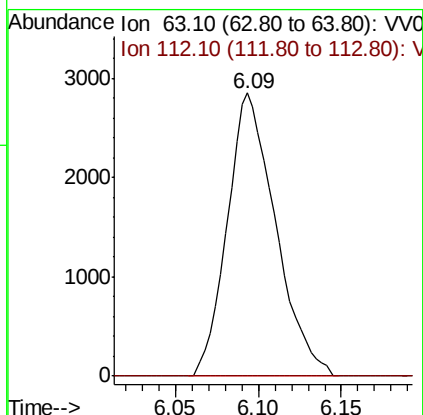
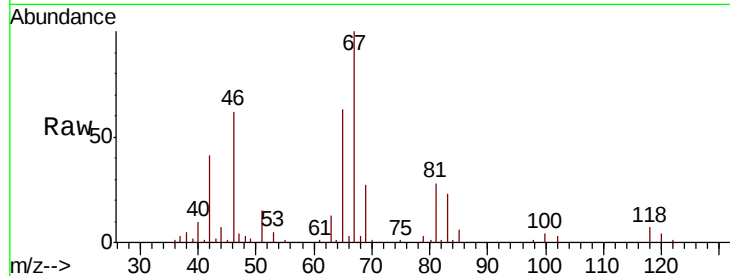




#37
 1,2-Dichloropropane
 Concen: 0.628 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV015790.D
 Acq: 29 Apr 2020 14:16

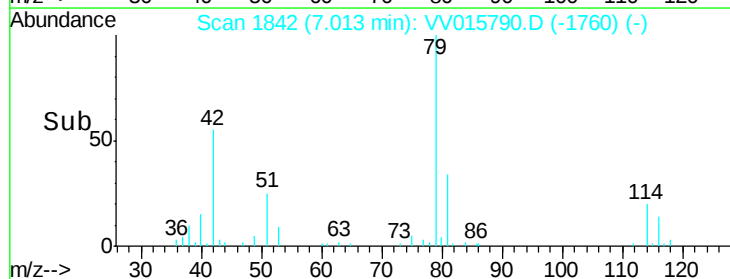
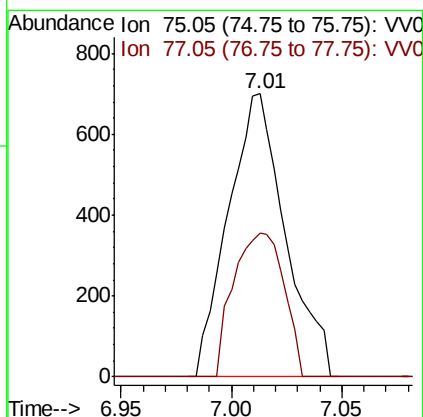
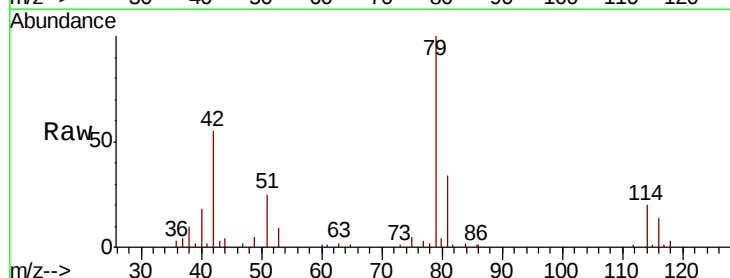
Instrument :
 MSVOA_V
 ClientSampleId :

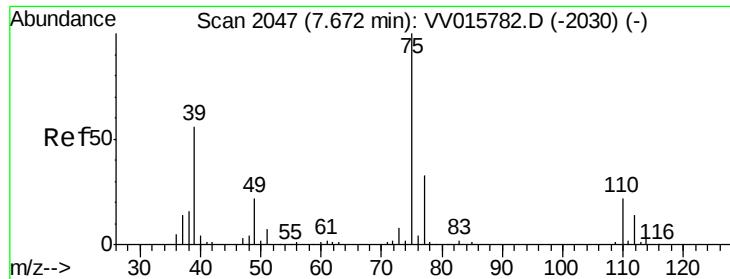
Tot Ion: 63 Resp: 5773
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV015790.D
 Acq: 29 Apr 2020 14:16

Tgt Ion: 75 Resp: 1259
 Ion Ratio Lower Upper
 75 100
 77 50.7 22.3 41.5#





#44

trans-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV015790.D

Acq: 29 Apr 2020 14:16

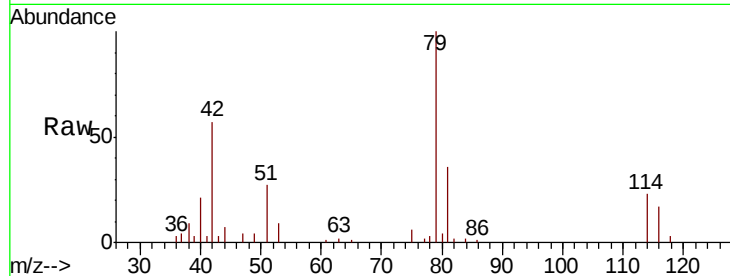
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 899

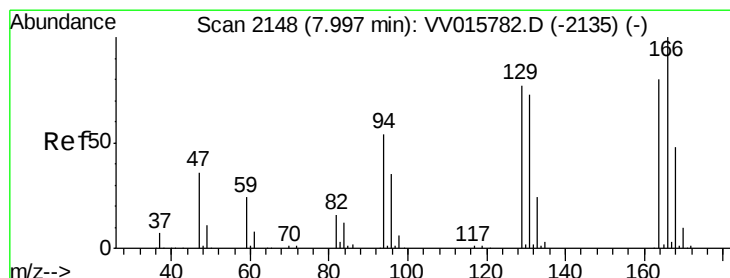
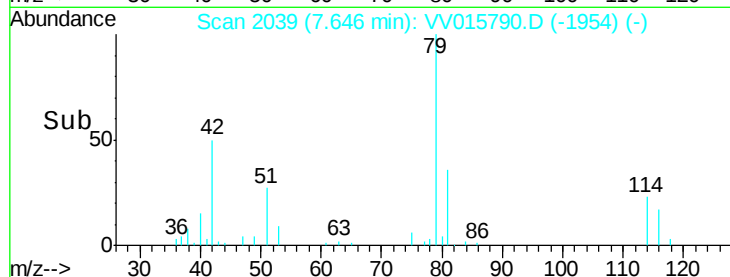
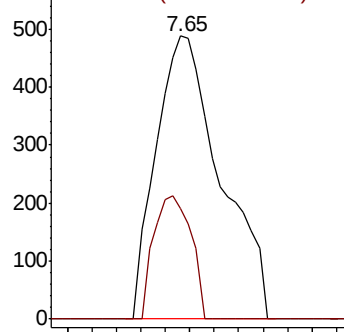
Ion Ratio Lower Upper

75 100

77 39.1 21.8 40.6



Abundance Ion 75.05 (74.75 to 75.75): VV015782.D (-2030) (-)



#47

Tetrachloroethene

Concen: 0.115 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. 0.01 min

Lab File: VV015790.D

Acq: 29 Apr 2020 14:16

Tgt Ion: 164 Resp: 829

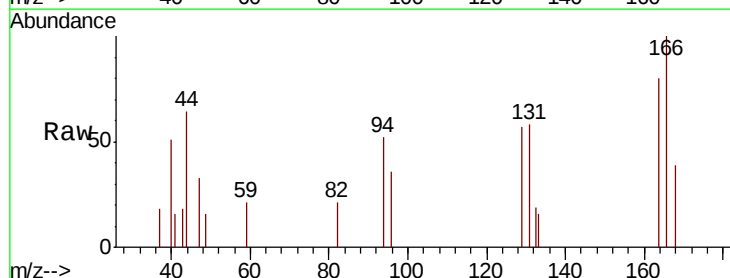
Ion Ratio Lower Upper

164 100

129 71.2 66.7 123.9

131 72.6 66.6 123.6

166 124.6 85.3 158.5

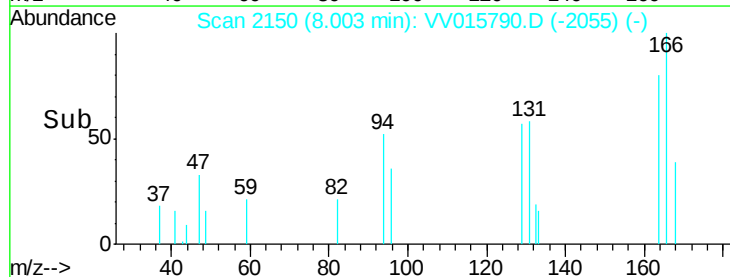
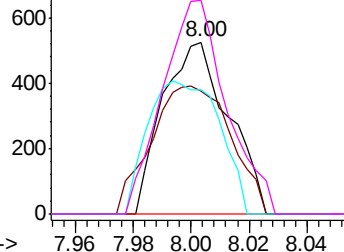


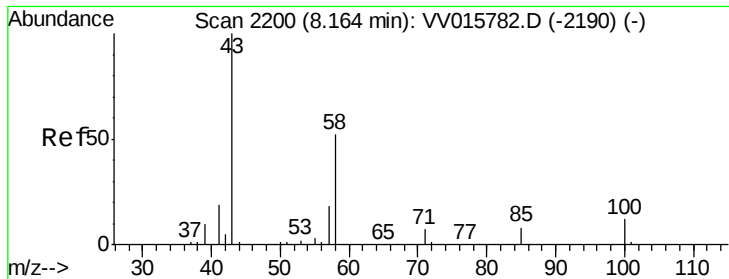
Abundance Ion 163.90 (163.60 to 164.60): VV015782.D (-2135) (-)

Ion 128.95 (128.65 to 129.65): VV015782.D (-2135) (-)

Ion 130.95 (130.65 to 131.65): VV015782.D (-2135) (-)

Ion 165.90 (165.60 to 166.60): VV015782.D (-2135) (-)

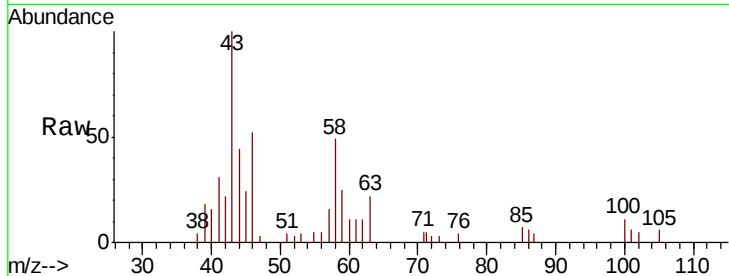




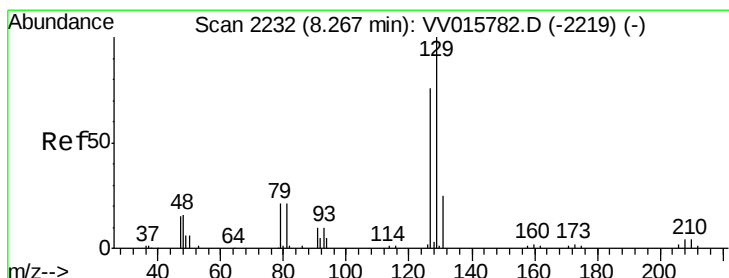
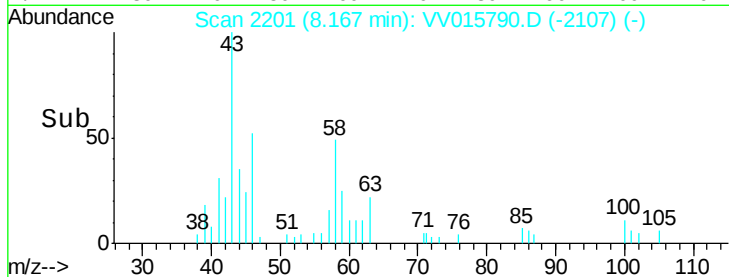
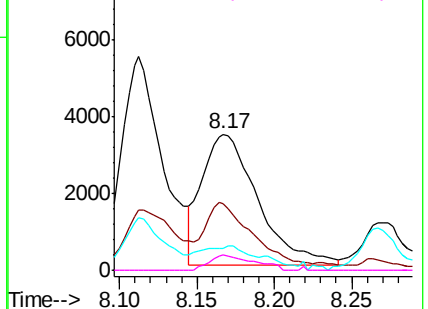
#48
2-Hexanone
Concen: 2.009 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV015790.D
Acq: 29 Apr 2020 14:16

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 8553
Ion Ratio Lower Upper
43 100
58 39.3 41.1 61.7#
57 7.6 15.0 22.4#
100 9.3 9.0 13.4

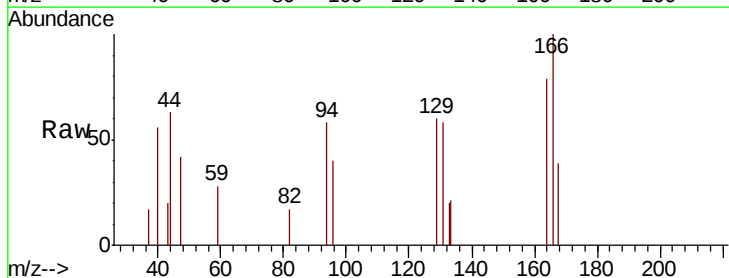


Abundance Ion 43.05 (42.75 to 43.75): VV015790.D (-2107) (-)
Ion 58.05 (57.75 to 58.75): VV015790.D (-2107) (-)
Ion 57.20 (56.90 to 57.90): VV015790.D (-2107) (-)
Ion 100.15 (99.85 to 100.85): VV015790.D (-2107) (-)



#49
Dibromochloromethane
Concen: 0.115 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.27 min
Lab File: VV015790.D
Acq: 29 Apr 2020 14:16

Tgt Ion: 129 Resp: 746
Ion Ratio Lower Upper
129 100
127 0.0 52.6 97.8#



Abundance Ion 128.95 (128.65 to 129.65): VV015790.D (-2139) (-)
Ion 126.90 (126.60 to 127.60): VV015790.D (-2139) (-)

