

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
 Data File : VV015783.D
 Acq On : 29 Apr 2020 11:31
 Operator : SY/MD
 Sample : VV0429WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 30 01:37:18 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	131853	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	128037	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	59371	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	40242	5.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.80%
7) Chloroethane-d5	1.57	69	34887	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.11	63	57852	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	3.95	46	98390	44.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.94%
24) Chloroform-d	4.37	84	68301	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.06	65	43194	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.07	84	143995	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.09	67	44824	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.34	98	125938	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.65	79	14442	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.12	63	67984	36.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.84%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29349	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	45113	4.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.40%

Target Compounds

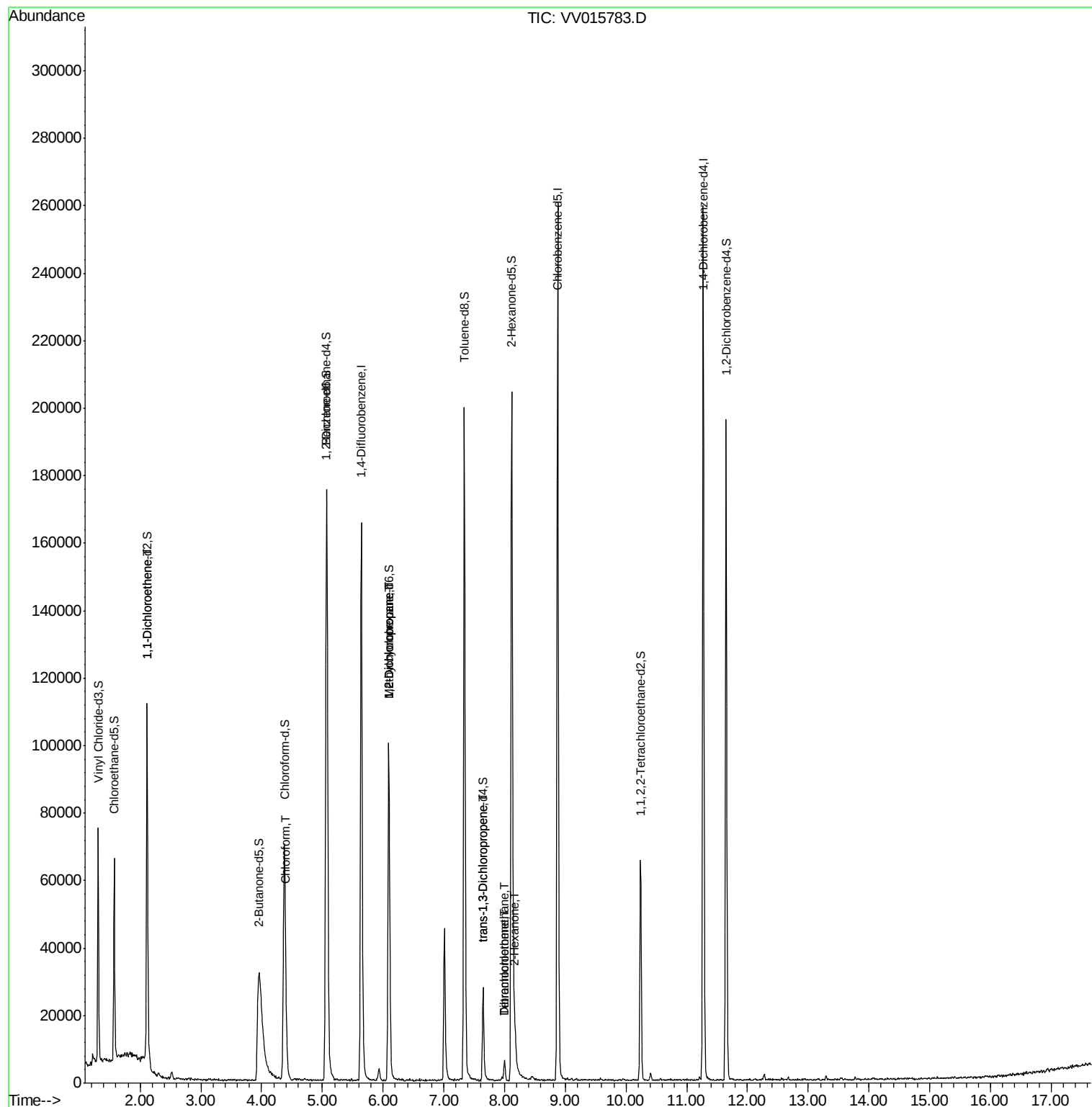
					Ovalue
12) 1,1-Dichloroethene	2.12	96	541	0.070 ug/L #	1
25) Chloroform	4.40	83	7617	0.425 ug/L	93
35) Methylcyclohexane	6.10	83	11085	0.715 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5580	0.600 ug/L #	86
44) trans-1,3-Dichloropropene	7.64	75	895	0.082 ug/L	86
47) Tetrachloroethene	8.00	164	1231	0.169 ug/L	87
48) 2-Hexanone	8.17	43	6294	1.463 ug/L #	93
49) Dibromochloromethane	8.00	129	1143	0.174 ug/L #	12

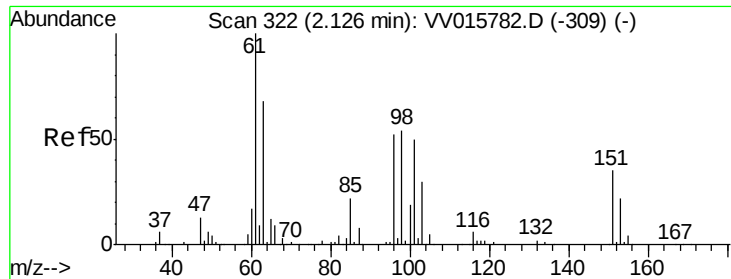
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 30 01:35:08 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.070 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015783.D

Acq: 29 Apr 2020 11:31

Instrument :
MSVOA_V
ClientSampleId :

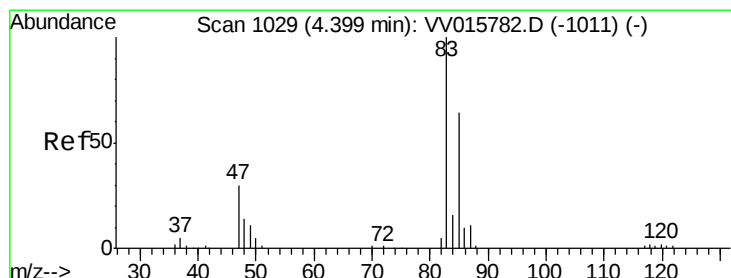
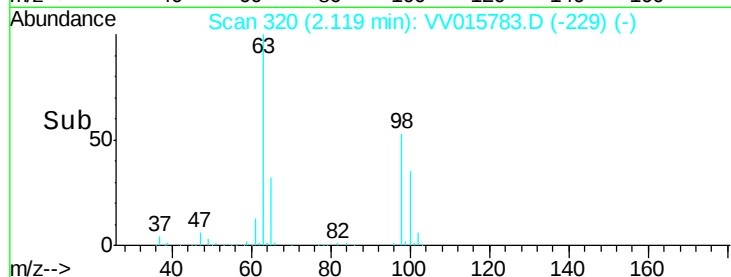
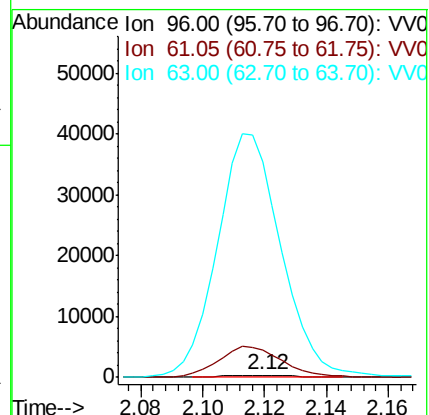
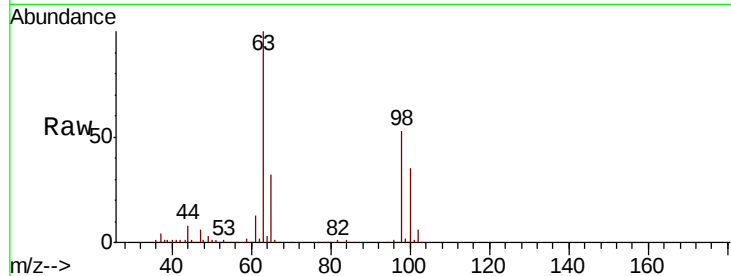
Tot Ion: 96 Resp: 541

Ion Ratio Lower Upper

96 100

61 1337.3 130.1 241.7#

63 10641.0 91.4 169.8#



#25

Chloroform

Concen: 0.425 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV015783.D

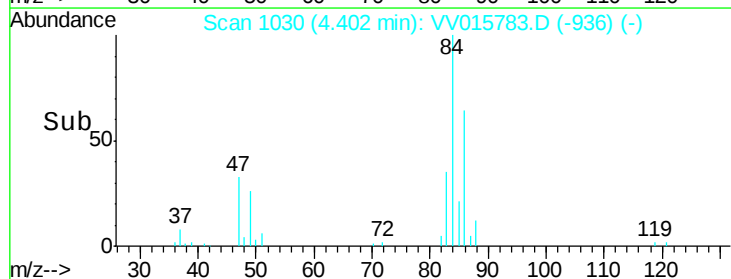
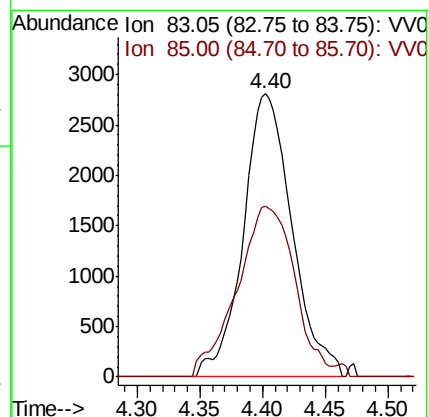
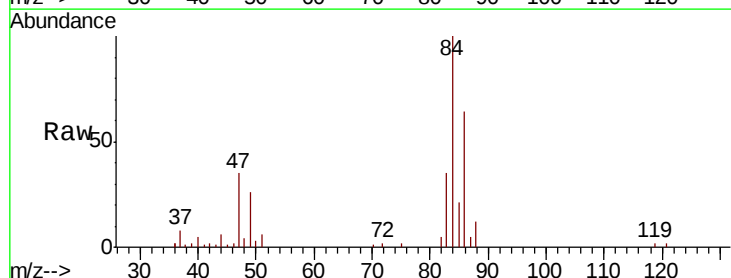
Acq: 29 Apr 2020 11:31

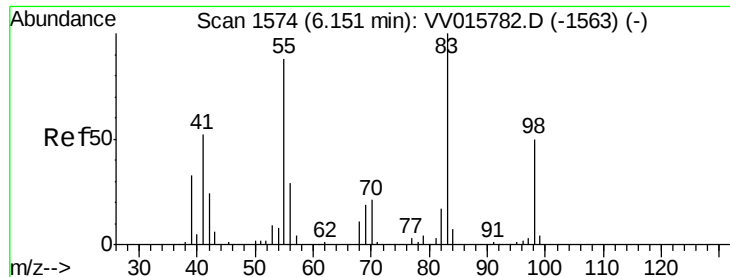
Tgt Ion: 83 Resp: 7617

Ion Ratio Lower Upper

83 100

85 60.3 46.1 85.5

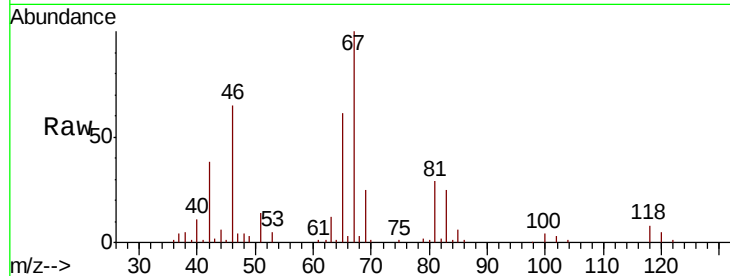




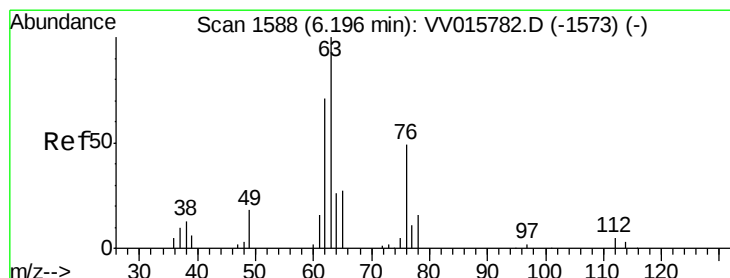
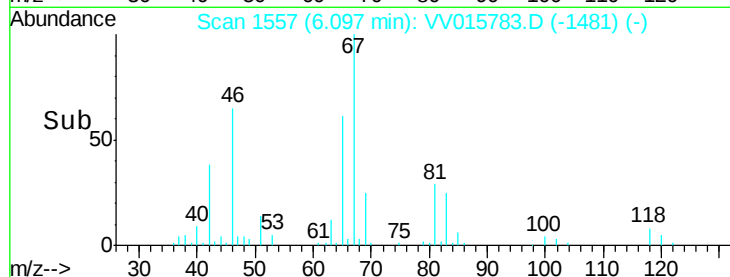
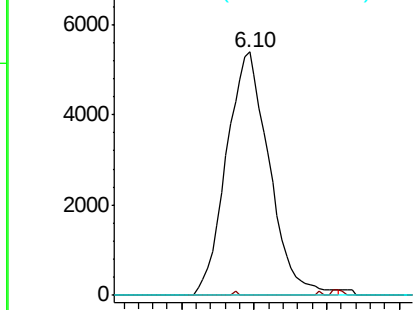
#35
Methvlcvclohexane
Concen: 0.715 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015783.D
Acq: 29 Apr 2020 11:31

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 11085
Ion Ratio Lower Upper
83 100
55 0.2 66.6 99.8#
98 0.4 39.5 59.3#

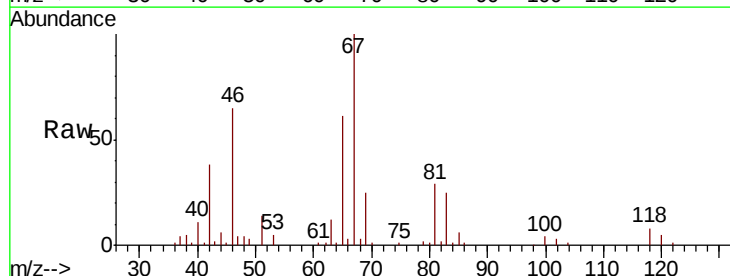


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

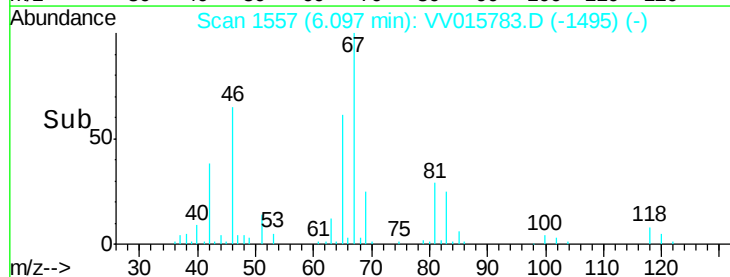
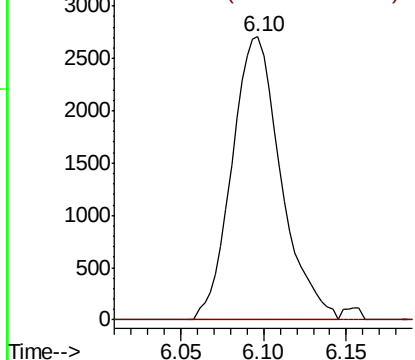


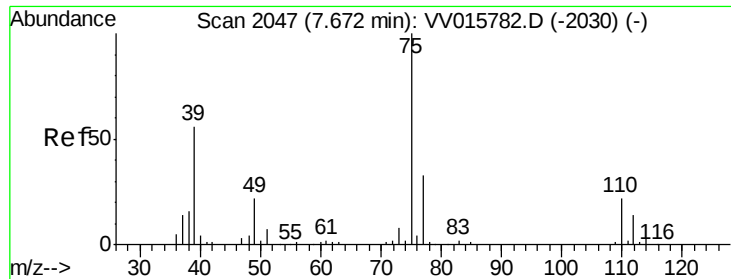
#37
1,2-Dichloropropane
Concen: 0.600 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015783.D
Acq: 29 Apr 2020 11:31

Tgt Ion: 63 Resp: 5580
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015783.D

Acq: 29 Apr 2020 11:31

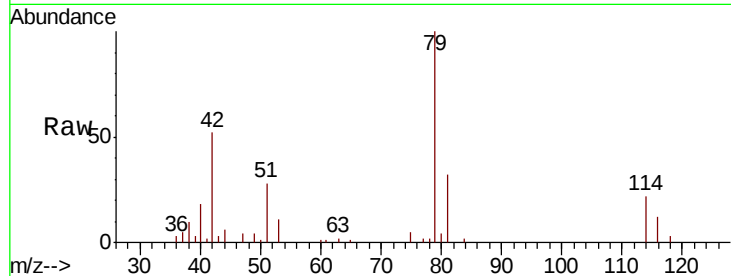
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 895

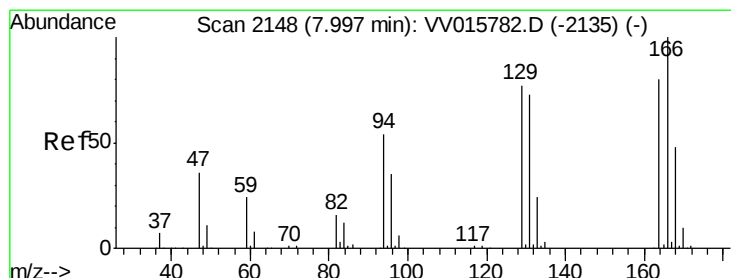
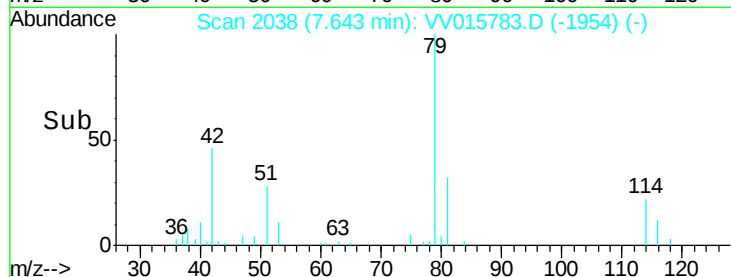
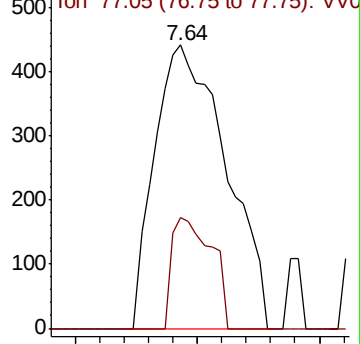
Ion Ratio Lower Upper

75 100

77 39.0 21.8 40.6



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



#47

Tetrachloroethene

Concen: 0.169 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV015783.D

Acq: 29 Apr 2020 11:31

Tgt Ion: 164 Resp: 1231

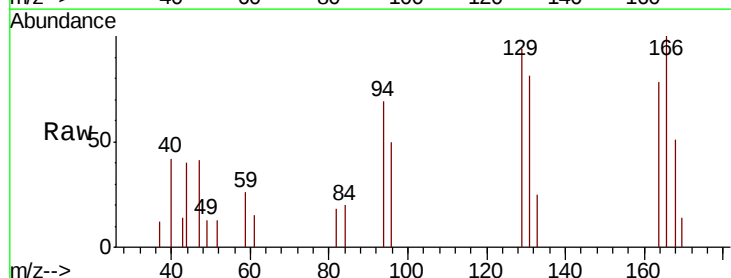
Ion Ratio Lower Upper

164 100

129 120.6 66.7 123.9

131 103.7 66.6 123.6

166 128.0 85.3 158.5

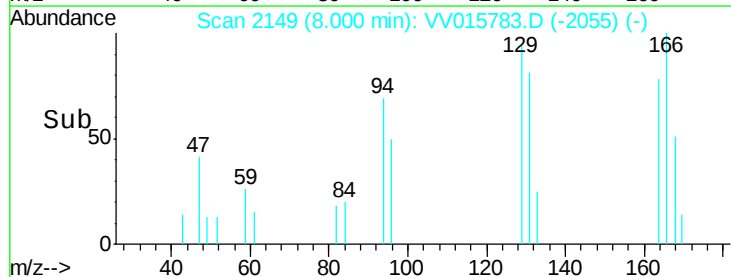
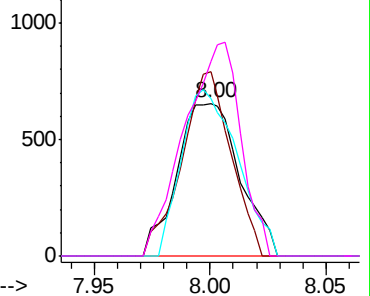


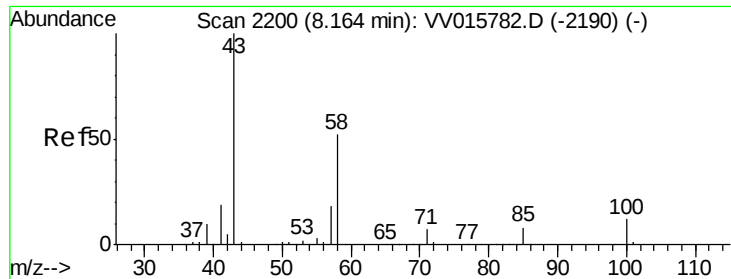
Abundance Ion 163.90 (163.60 to 164.60): VV015782.D (-2135) (-)

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) (-)

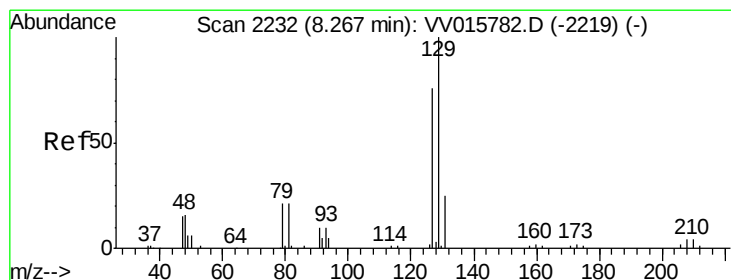
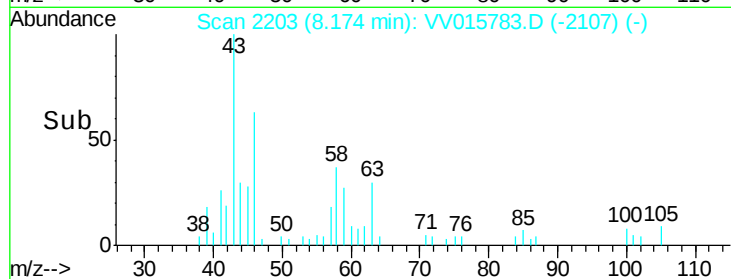
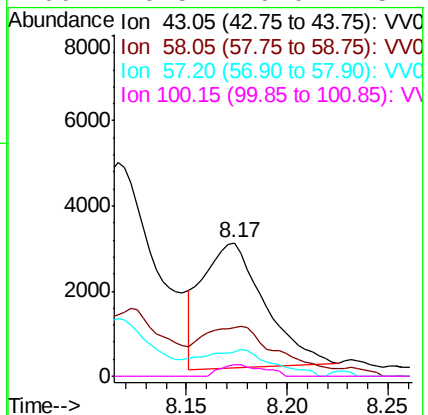
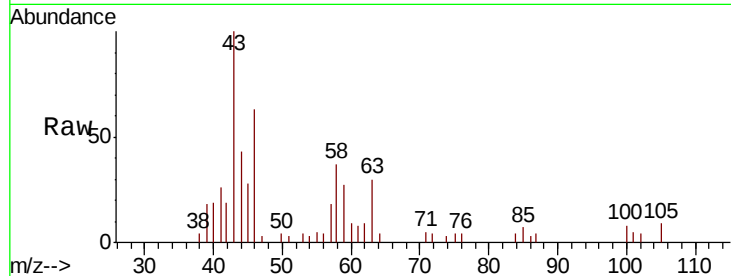




#48
2-Hexanone
Concen: 1.463 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. 0.01 min
Lab File: VV015783.D
Acq: 29 Apr 2020 11:31

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 6294
Ion Ratio Lower Upper
43 100
58 48.9 41.1 61.7
57 24.0 15.0 22.4#
100 6.5 9.0 13.4#



#49
Dibromochloromethane
Concen: 0.174 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.27 min
Lab File: VV015783.D
Acq: 29 Apr 2020 11:31

Tgt Ion: 129 Resp: 1143
Ion Ratio Lower Upper
129 100
127 0.0 52.6 97.8#

