

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
 Data File : VV015792.D
 Acq On : 29 Apr 2020 15:04
 Operator : SY/MD
 Sample : L2413-22
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 30 01:39:43 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	121806	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	120105	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57395	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	36837	5.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.80%
7) Chloroethane-d5	1.58	69	33285	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.60%
11) 1,1-Dichloroethene-d2	2.12	63	54165	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	3.90	46	88462	43.28	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.56%
24) Chloroform-d	4.38	84	60362	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.40%
26) 1,2-Dichloroethane-d4	5.06	65	39308	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.08	84	137088	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.10	67	42623	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.34	98	120232	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.65	79	13940	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.11	63	65787	38.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.18%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	27976	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	43698	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

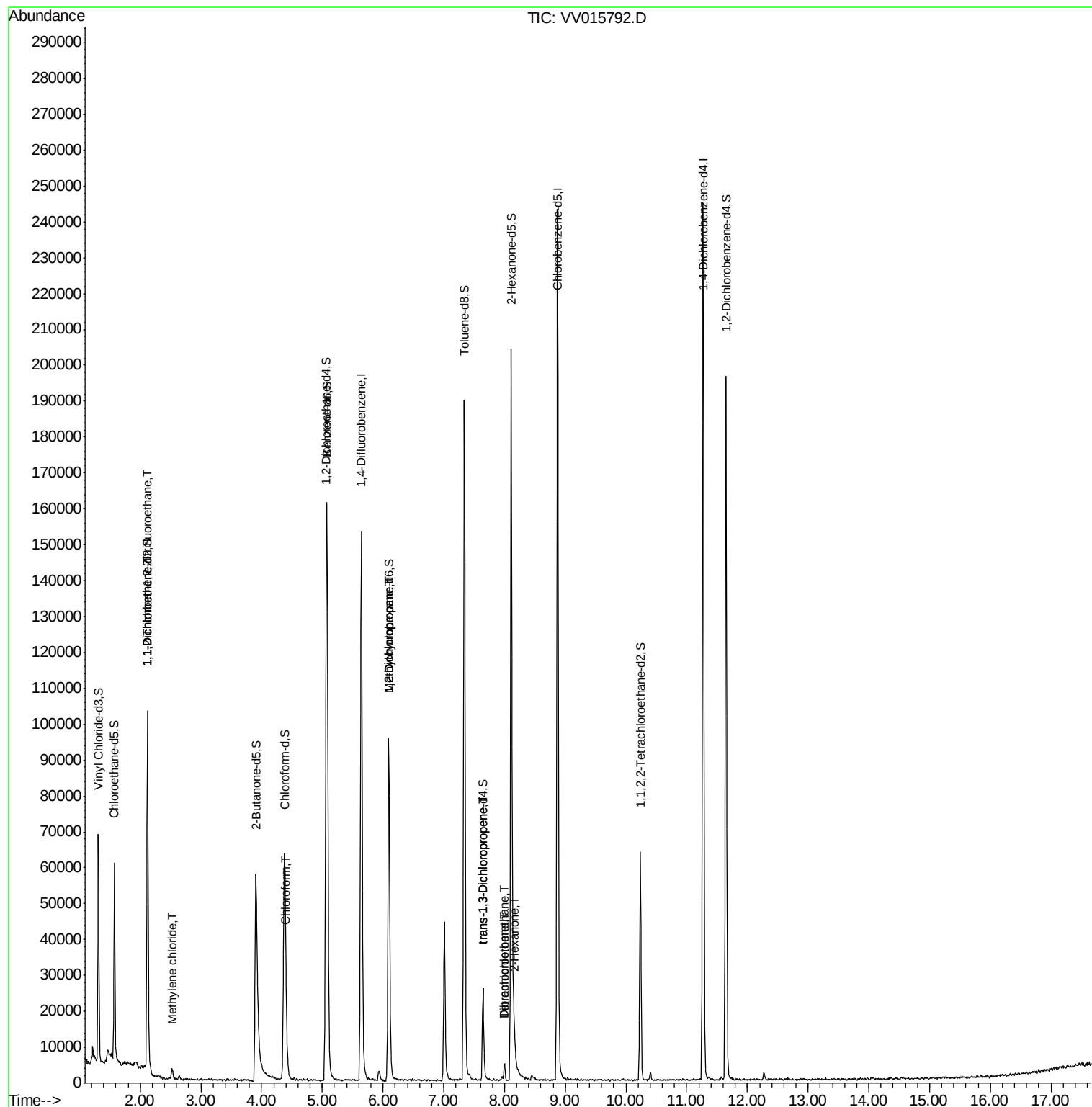
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	583	0.076	ug/L #	26
12) 1,1-Dichloroethene	2.12	96	548	0.077	ug/L #	1
16) Methylene chloride	2.52	84	1020	0.117	ug/L	92
25) Chloroform	4.41	83	11291	0.682	ug/L	95
35) Methylcyclohexane	6.09	83	10412	0.716	ug/L #	16
37) 1,2-Dichloropropane	6.09	63	5527	0.634	ug/L #	86
44) trans-1,3-Dichloropropene	7.65	75	623	0.061	ug/L	94
47) Tetrachloroethene	8.00	164	866	0.127	ug/L	89
48) 2-Hexanone	8.17	43	4559	1.129	ug/L #	52
49) Dibromochloromethane	8.00	129	914	0.149	ug/L #	12

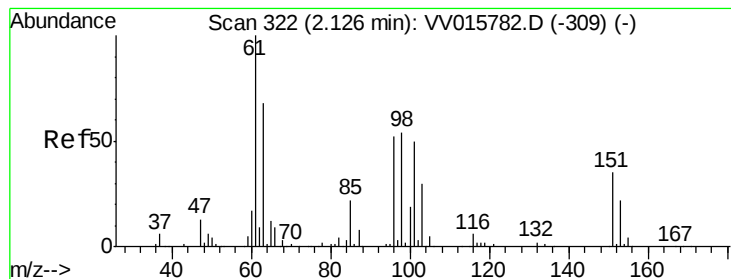
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.076 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015792.D

Acq: 29 Apr 2020 15:04

Instrument :

MSVOA_V

ClientSampleId :

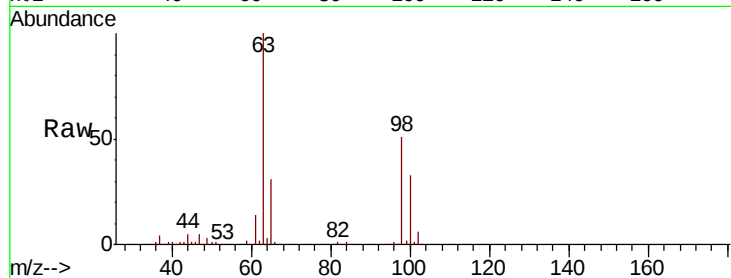
Tot Ion:101 Resp: 583

Ion Ratio Lower Upper

101 100

85 8.1 36.1 54.1#

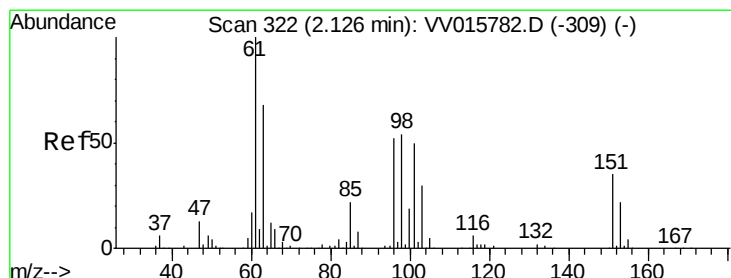
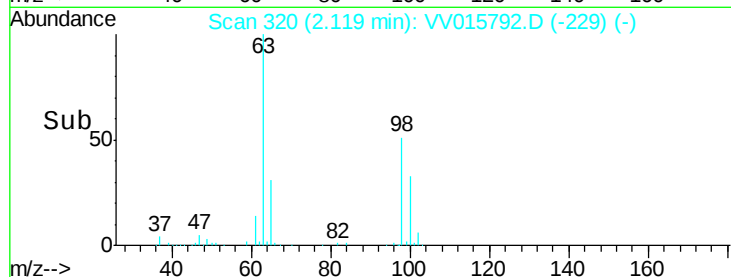
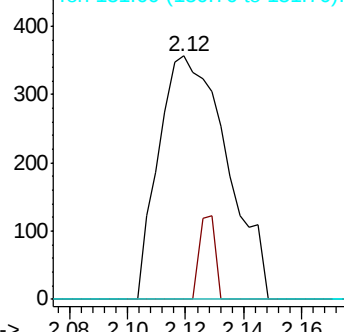
151 0.0 55.2 82.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.077 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV015792.D

Acq: 29 Apr 2020 15:04

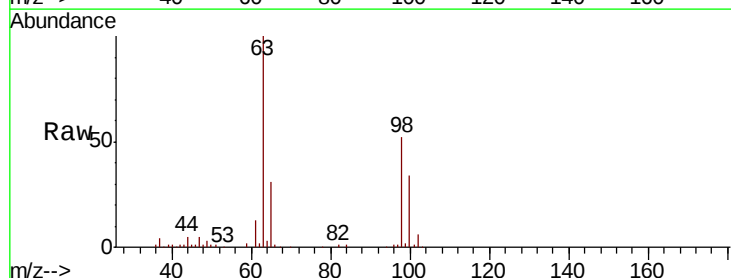
Tgt Ion: 96 Resp: 548

Ion Ratio Lower Upper

96 100

61 1265.8 130.1 241.7#

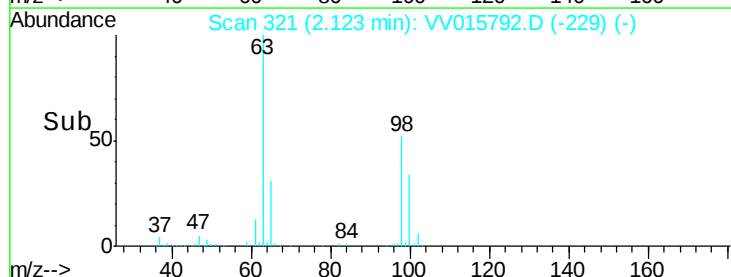
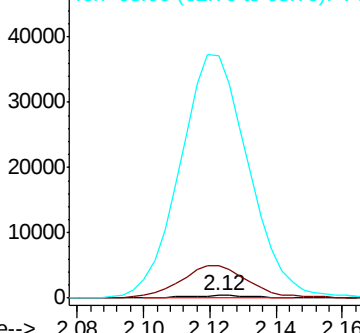
63 9411.6 91.4 169.8#

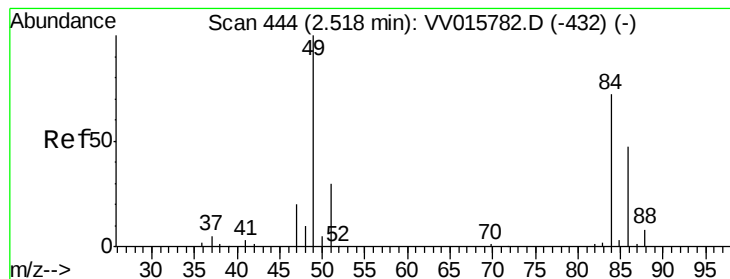


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#16

Methvlene chloride

Concen: 0.117 ug/L

RT: 2.52 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV015792.D

Acq: 29 Apr 2020 15:04

Instrument :

MSVOA_V

ClientSampled :

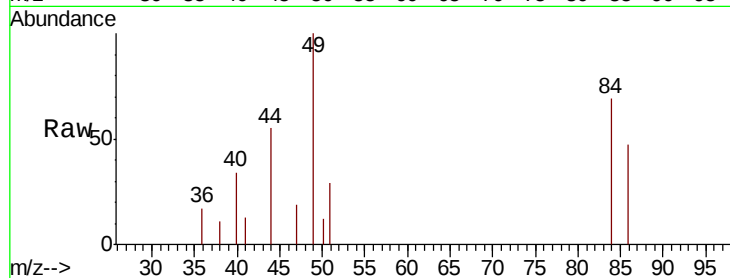
Tot Ion: 84 Resp: 1020

Ion Ratio Lower Upper

84 100

86 68.1 45.1 83.7

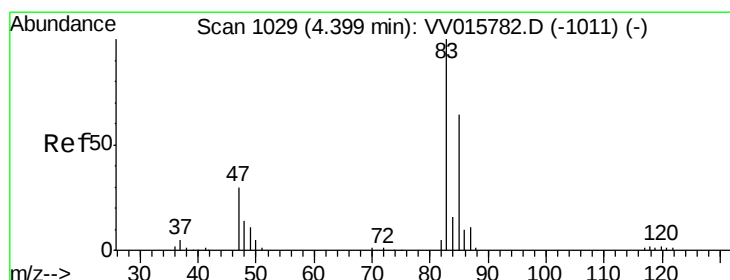
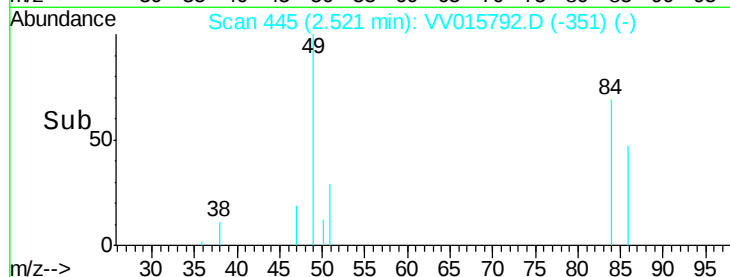
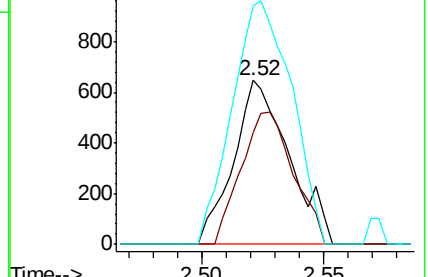
49 145.5 94.4 175.4



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



#25

Chloroform

Concen: 0.682 ug/L

RT: 4.41 min Scan# 1033

Delta R.T. 0.01 min

Lab File: VV015792.D

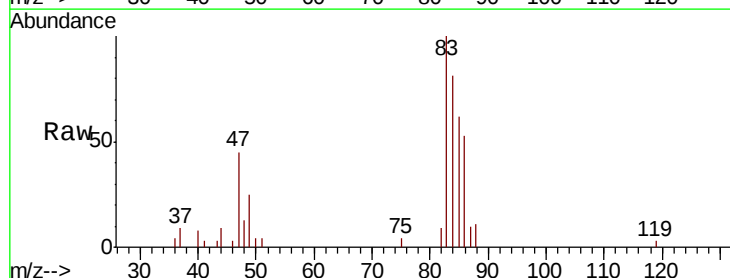
Acq: 29 Apr 2020 15:04

Tgt Ion: 83 Resp: 11291

Ion Ratio Lower Upper

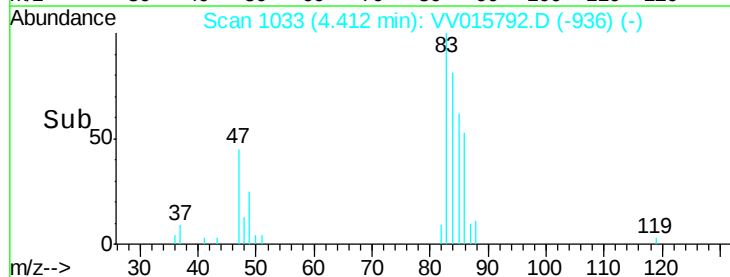
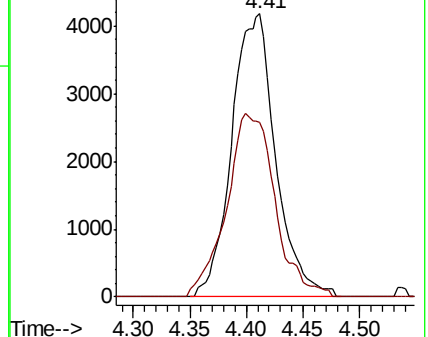
83 100

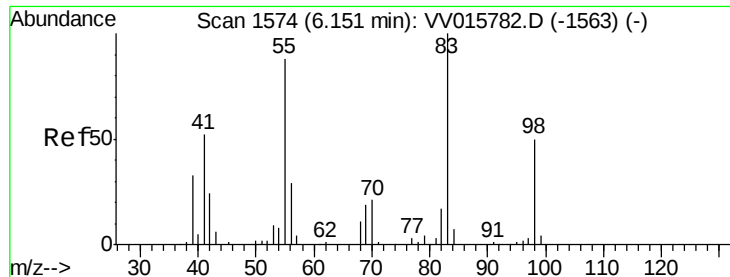
85 61.6 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

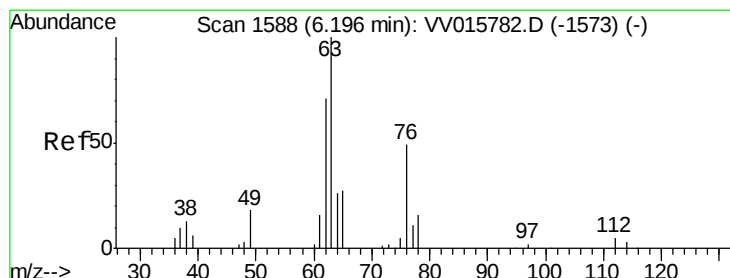
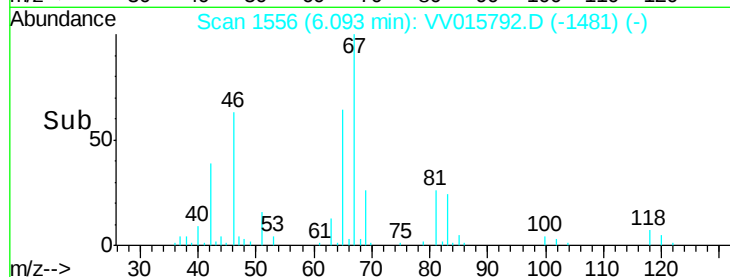
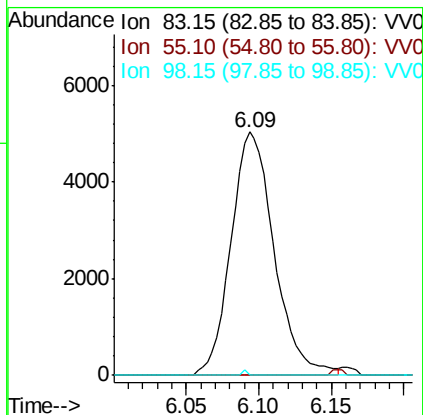
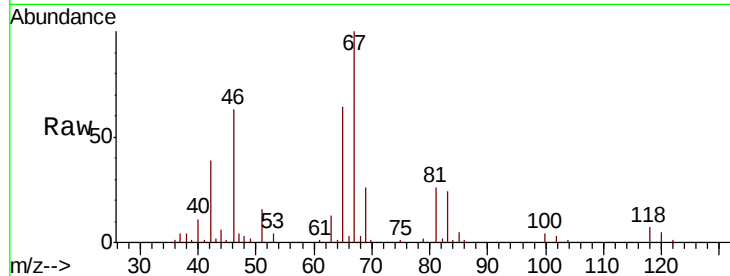




#35
Methvlcvclohexane
Concen: 0.716 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015792.D
Acq: 29 Apr 2020 15:04

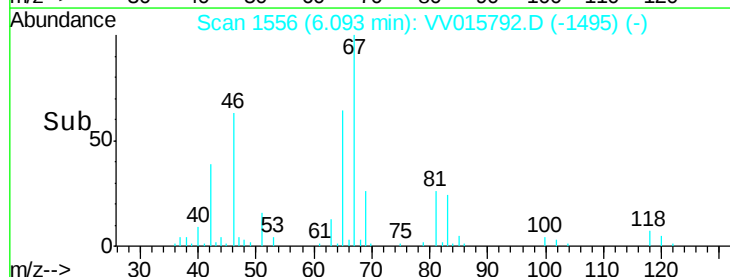
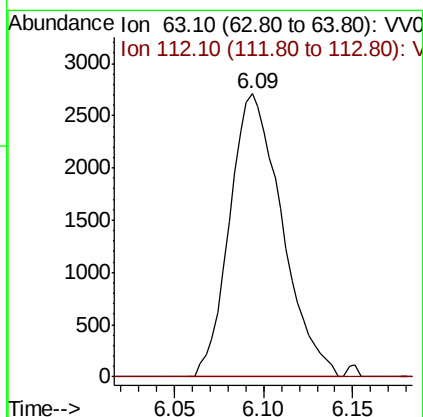
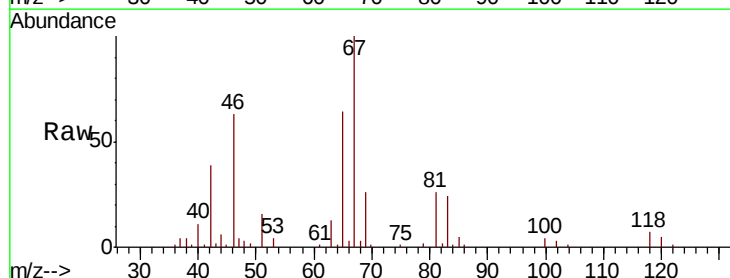
Instrument :
MSVOA_V
ClientSampleId :

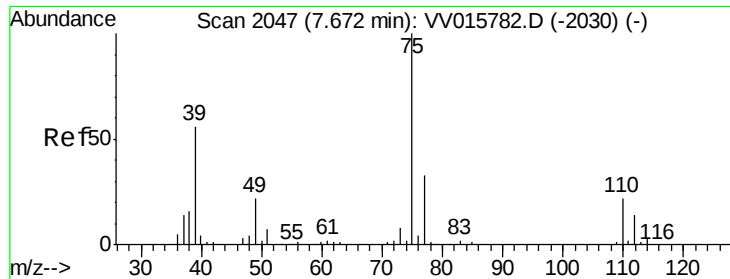
Tot Ion: 83 Resp: 10412
Ion Ratio Lower Upper
83 100
55 0.6 66.6 99.8#
98 0.2 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.634 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015792.D
Acq: 29 Apr 2020 15:04

Tgt Ion: 63 Resp: 5527
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#44

trans-1,3-Dichloropropene

Concen: 0.061 ug/L

RT: 7.65 min Scan# 2040

Delta R.T. -0.02 min

Lab File: VV015792.D

Acq: 29 Apr 2020 15:04

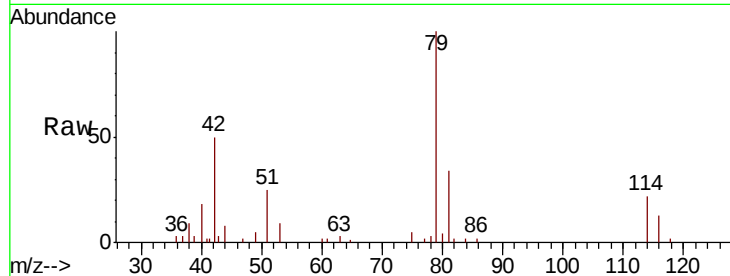
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 623

Ion Ratio Lower Upper

75 100

77 34.6 21.8 40.6



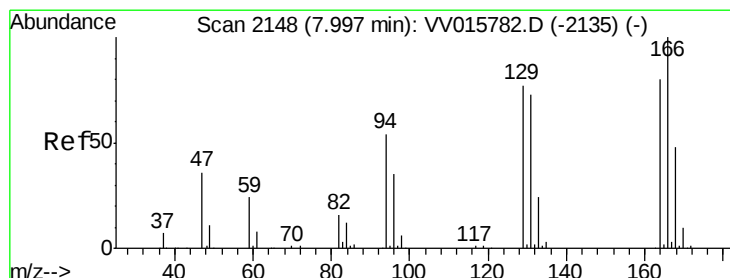
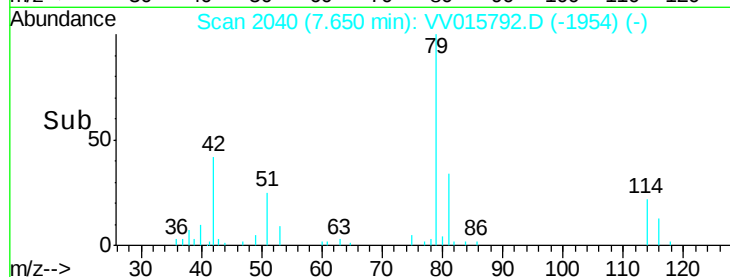
Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.65

7.62 7.64 7.66 7.68

Time-->



#47

Tetrachloroethene

Concen: 0.127 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV015792.D

Acq: 29 Apr 2020 15:04

Tgt Ion: 164 Resp: 866

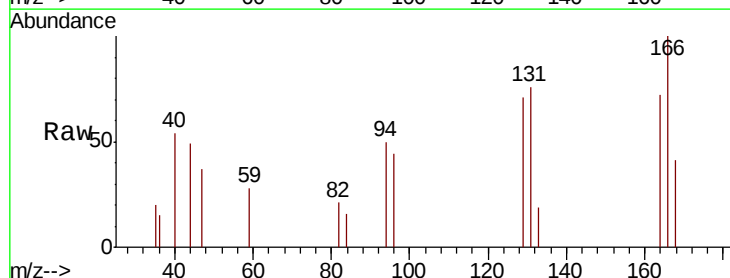
Ion Ratio Lower Upper

164 100

129 99.8 66.7 123.9

131 106.5 66.6 123.6

166 139.9 85.3 158.5



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

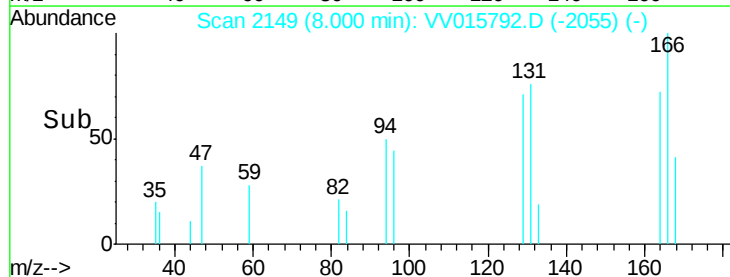
Ion 130.95 (130.65 to 131.65): V

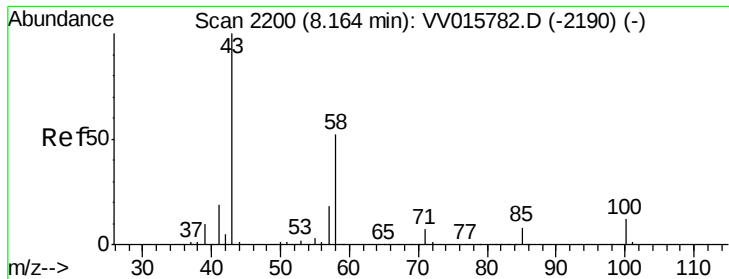
Ion 165.90 (165.60 to 166.60): V

8.00

7.95 8.00

Time-->

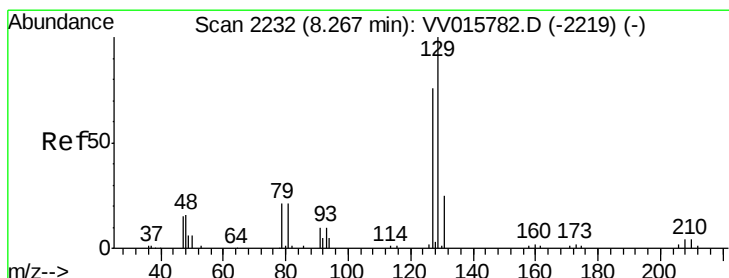
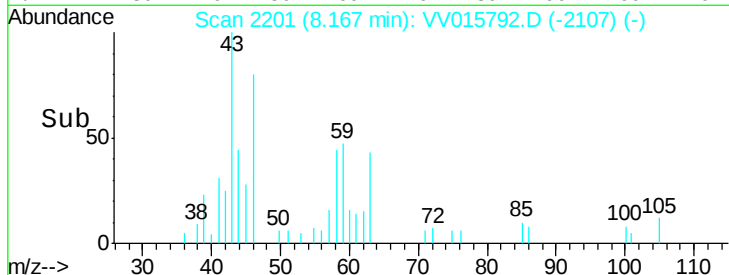
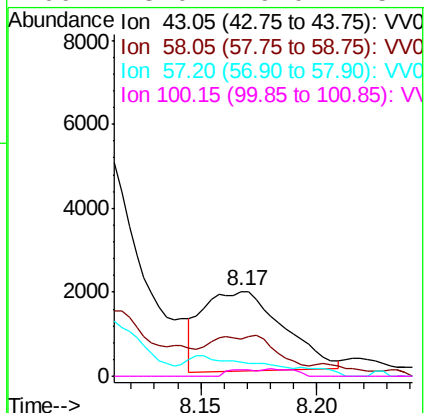
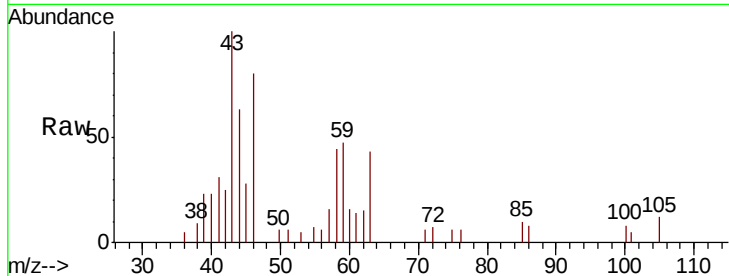




#48
2-Hexanone
Concen: 1.129 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV015792.D
Acq: 29 Apr 2020 15:04

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 4559
Ion Ratio Lower Upper
43 100
58 5.8 41.1 61.7#
57 26.6 15.0 22.4#
100 3.0 9.0 13.4#



#49
Dibromochloromethane
Concen: 0.149 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV015792.D
Acq: 29 Apr 2020 15:04

Tgt Ion: 129 Resp: 914
Ion Ratio Lower Upper
129 100
127 0.0 52.6 97.8#

