

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051120\
 Data File : VV015993.D
 Acq On : 11 May 2020 16:34
 Operator : SY/MD
 Sample : L2520-20
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 12 01:12:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 12 01:07:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	148476	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	146129	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	68548	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29726	3.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.80%
7) Chloroethane-d5	1.58	69	31490	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.12	63	51954	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	3.93	46	111072	48.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.68%
24) Chloroform-d	4.38	84	75120	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	5.06	65	47106	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.08	84	154871	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.10	67	49843	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.34	98	138439	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
45) trans-1,3-Dichloropropene-	7.65	79	16943	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
48) 2-Hexanone-d5	8.12	63	77544	42.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.76%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35410	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	54307	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

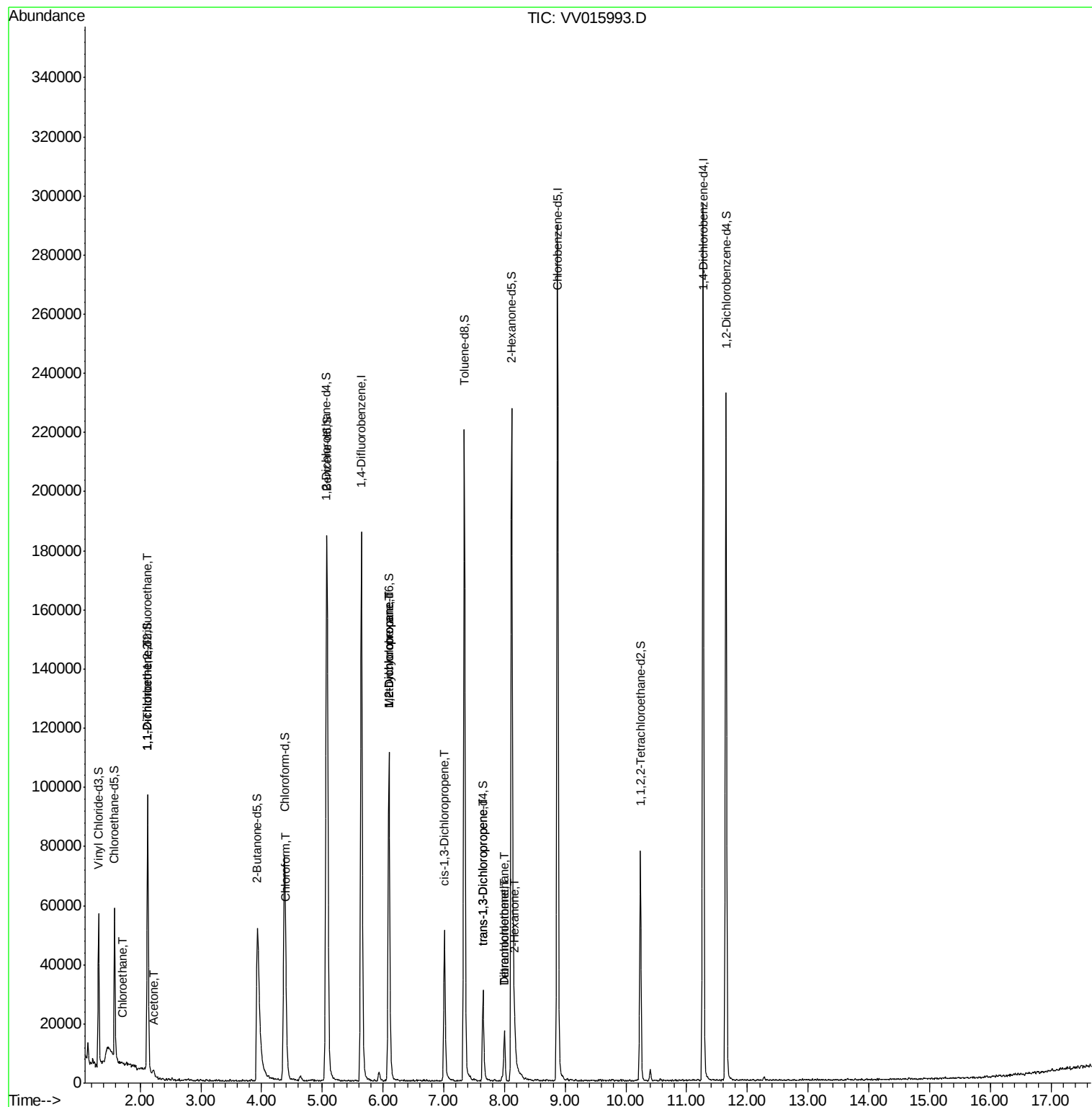
					Ovalue
8) Chloroethane	1.69	64	826	0.105 ug/L #	55
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	958	0.112 ug/L #	57
12) 1,1-Dichloroethene	2.13	96	1136	0.139 ug/L #	1
13) Acetone	2.22	43	4246	2.801 ug/L	80
25) Chloroform	4.41	83	10165	0.531 ug/L	99
35) Methylcyclohexane	6.09	83	12137	0.765 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	6255	0.670 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1614	0.122 ug/L #	82
46) trans-1,3-Dichloropropene	7.64	75	760	0.068 ug/L #	68
49) Tetrachloroethene	8.00	164	3621	0.495 ug/L	84
50) 2-Hexanone	8.17	43	5854	1.422 ug/L	90
51) Dibromochloromethane	8.00	129	3402	0.485 ug/L #	9

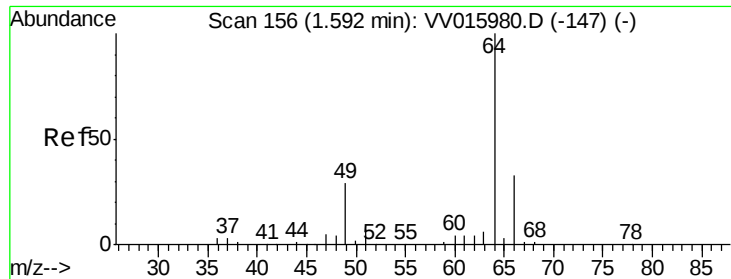
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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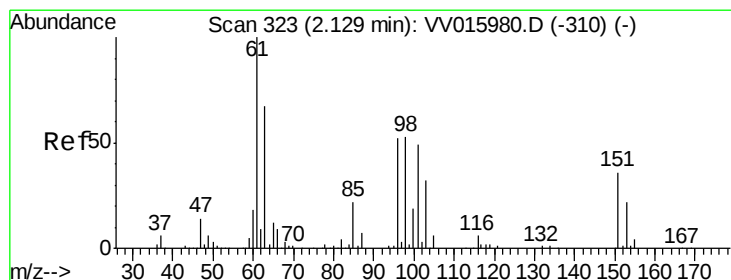
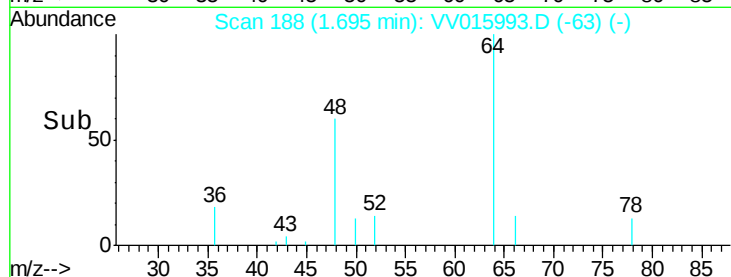
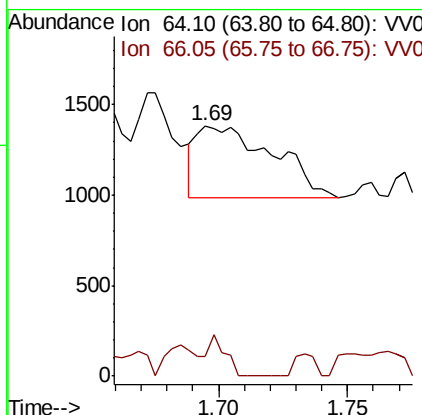
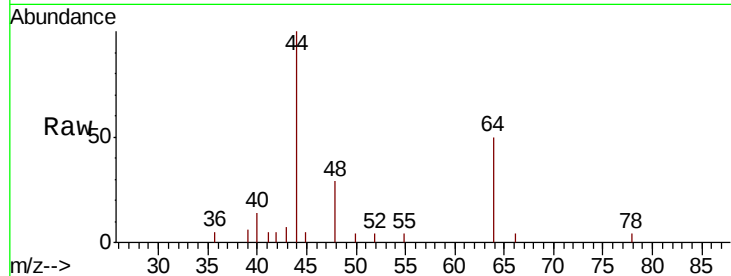




#8
 Chloroethane
 Concen: 0.105 ug/L
 RT: 1.69 min Scan# 188
 Delta R.T. 0.10 min
 Lab File: VV015993.D
 Acq: 11 May 2020 16:34

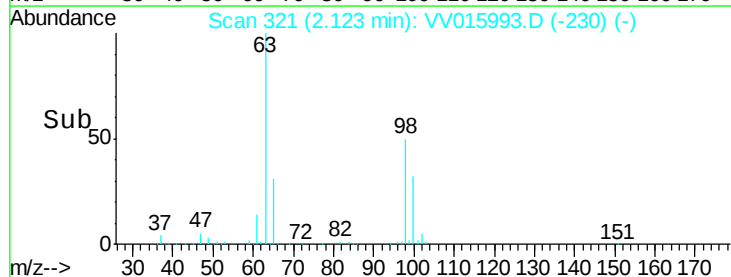
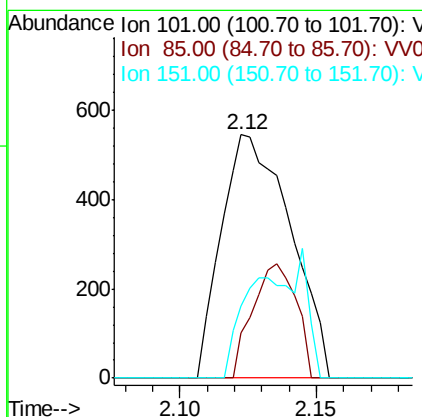
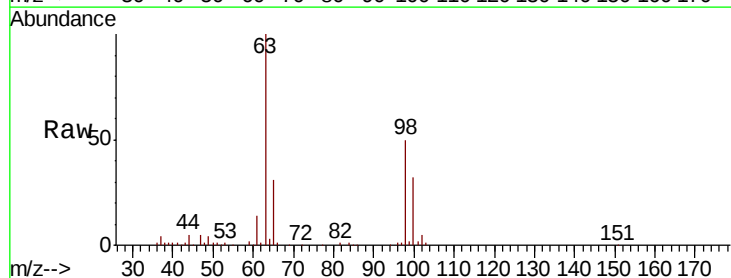
Instrument :
 MSVOA_V
 ClientSampled :

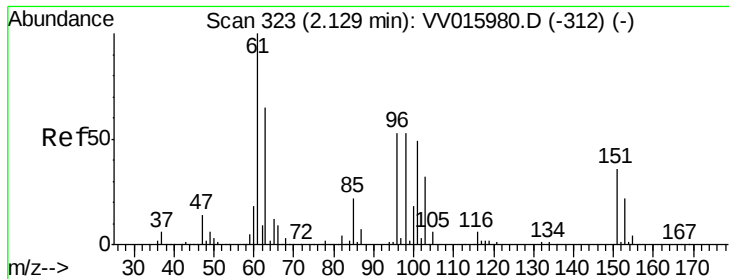
Tot Ion: 64 Resp: 826
 Ion Ratio Lower Upper
 64 100
 66 8.0 23.6 43.8#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.112 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV015993.D
 Acq: 11 May 2020 16:34

Tgt Ion: 101 Resp: 958
 Ion Ratio Lower Upper
 101 100
 85 29.5 35.7 53.5#
 151 26.9 58.0 87.0#





#12

1,1-Dichloroethene

Concen: 0.139 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV015993.D

Acq: 11 May 2020 16:34

Instrument :
MSVOA_V
ClientSampled :

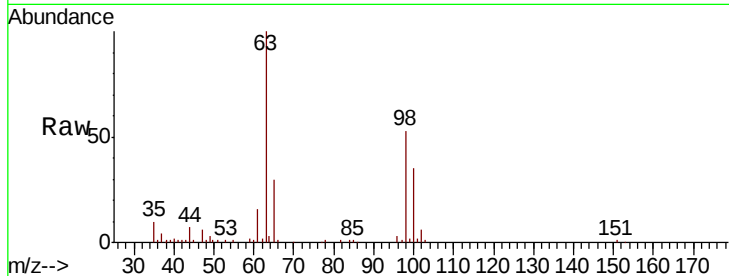
Tot Ion: 96 Resp: 1136

Ion Ratio Lower Upper

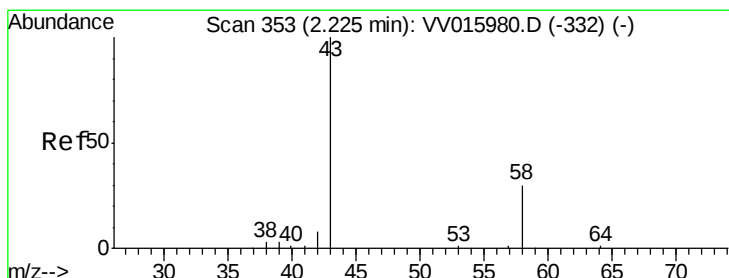
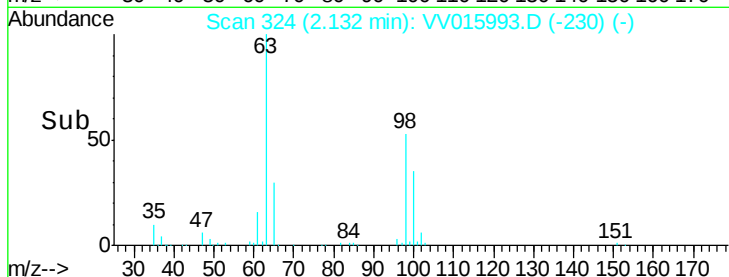
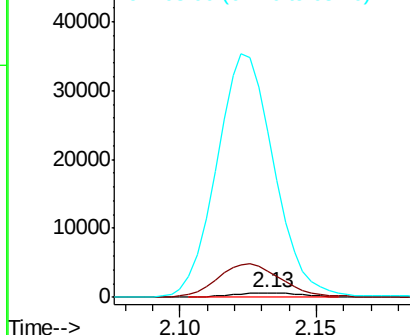
96 100

61 584.2 139.9 259.7#

63 3659.1 106.4 197.6#



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



#13

Acetone

Concen: 2.801 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.00 min

Lab File: VV015993.D

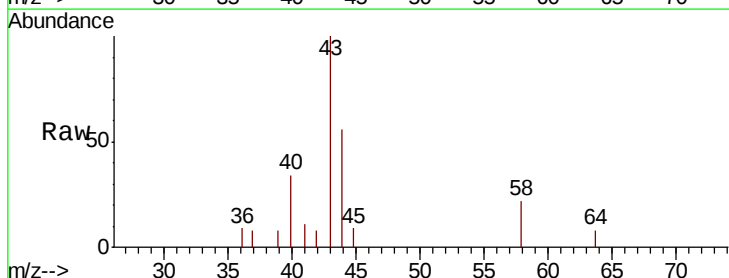
Acq: 11 May 2020 16:34

Tgt Ion: 43 Resp: 4246

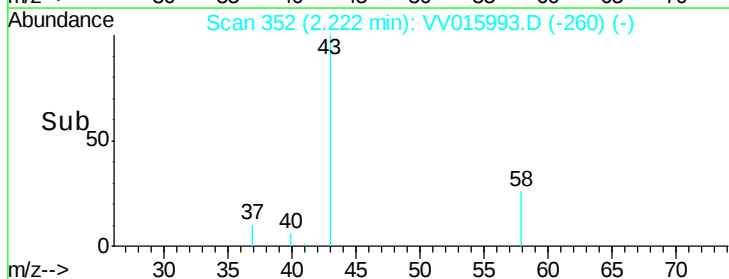
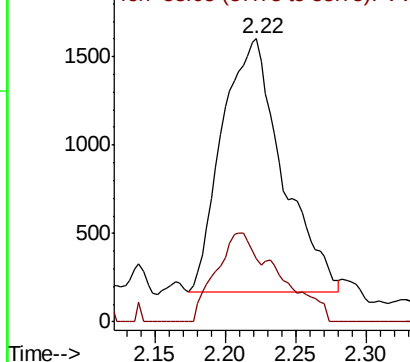
Ion Ratio Lower Upper

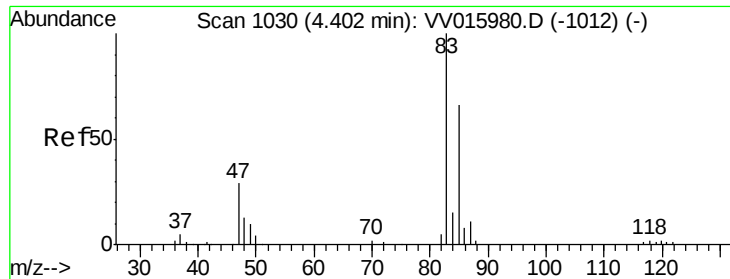
43 100

58 23.6 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0

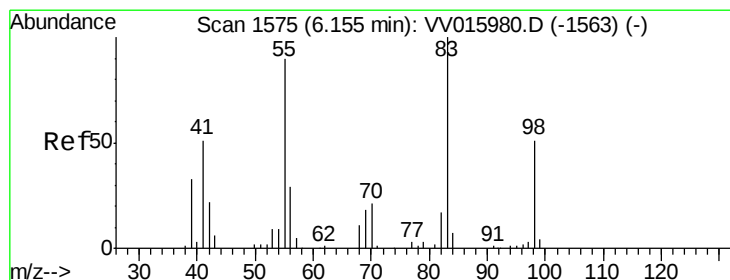
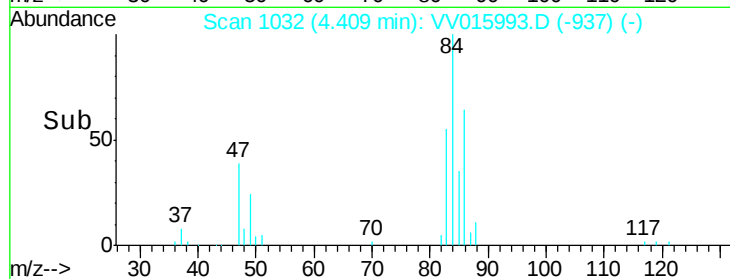
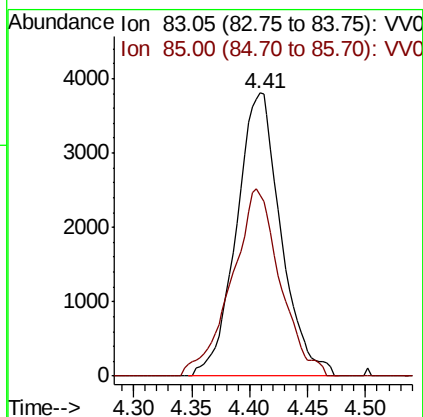
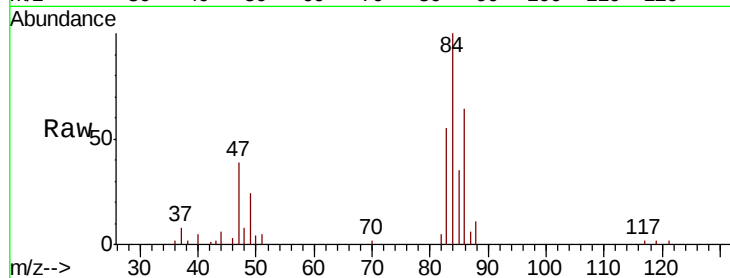




#25
Chloroform
Concen: 0.531 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV015993.D
Acq: 11 May 2020 16:34

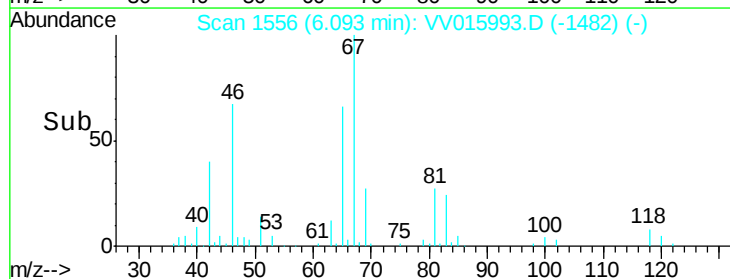
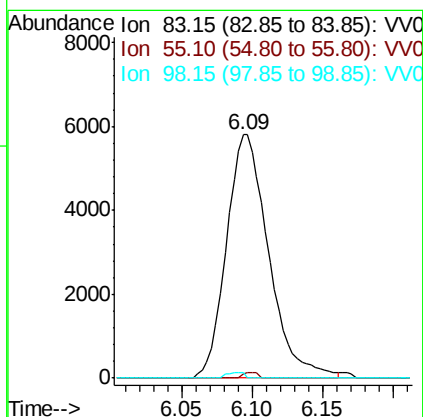
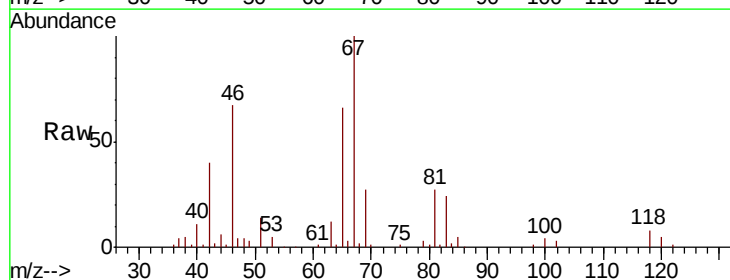
Instrument :
MSVOA_V
ClientSampled :

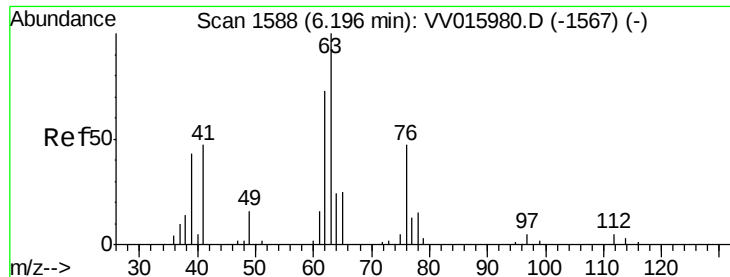
Tot Ion: 83 Resp: 10165
Ion Ratio Lower Upper
83 100
85 64.1 45.7 84.9



#35
Methylcyclohexane
Concen: 0.765 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015993.D
Acq: 11 May 2020 16:34

Tgt Ion: 83 Resp: 12137
Ion Ratio Lower Upper
83 100
55 0.8 66.2 99.2#
98 1.0 37.9 56.9#

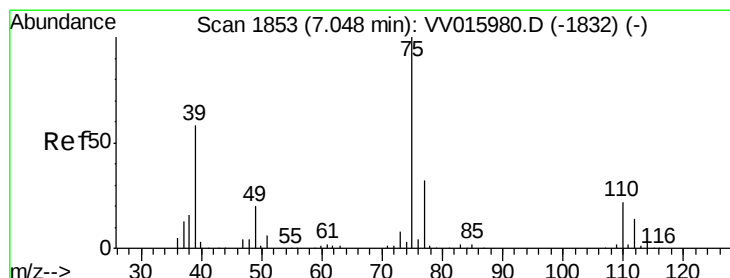
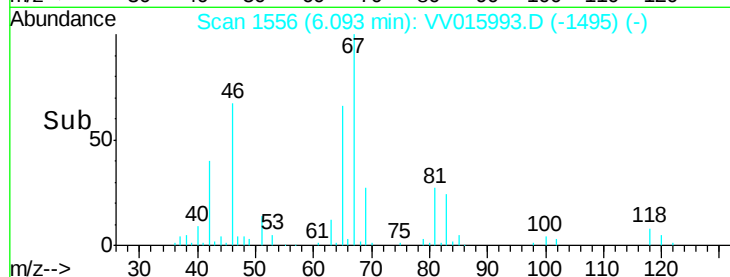
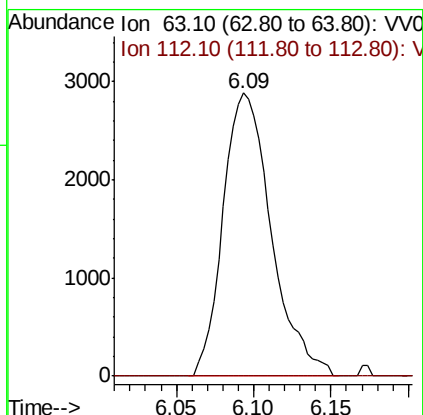
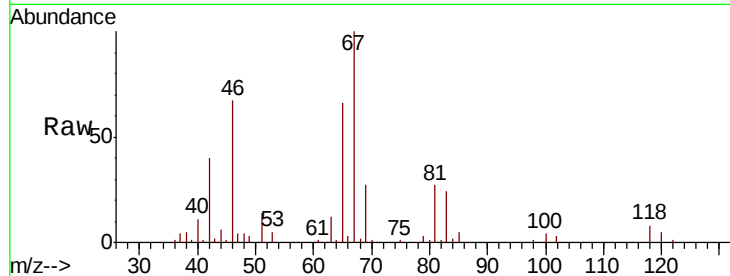




#37
 1,2-Dichloropropane
 Concen: 0.670 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV015993.D
 Acq: 11 May 2020 16:34

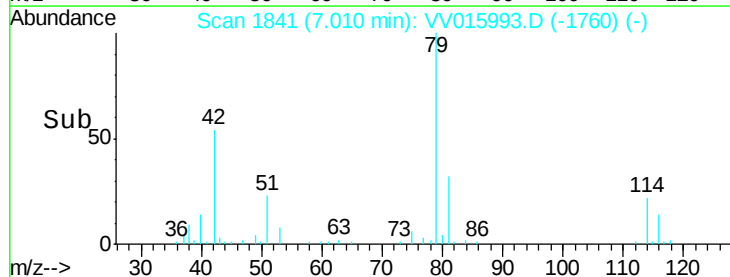
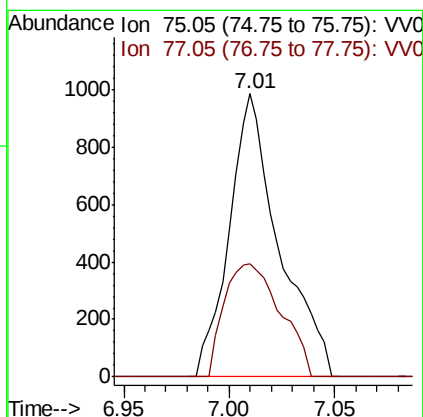
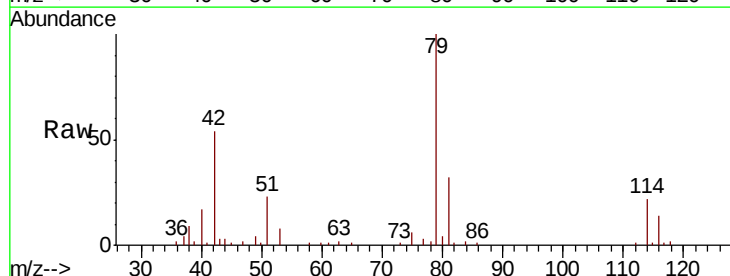
Instrument :
 MSVOA_V
 ClientSampleId :

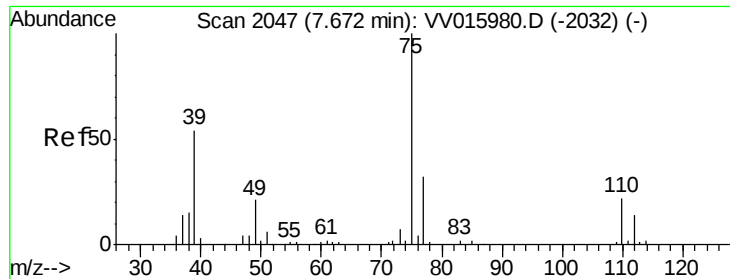
Tot Ion: 63 Resp: 6255
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.122 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015993.D
 Acq: 11 May 2020 16:34

Tgt Ion: 75 Resp: 1614
 Ion Ratio Lower Upper
 75 100
 77 40.0 21.3 39.5#





#46

trans-1,3-Dichloropropene

Concen: 0.068 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015993.D

Acq: 11 May 2020 16:34

Instrument :

MSVOA_V

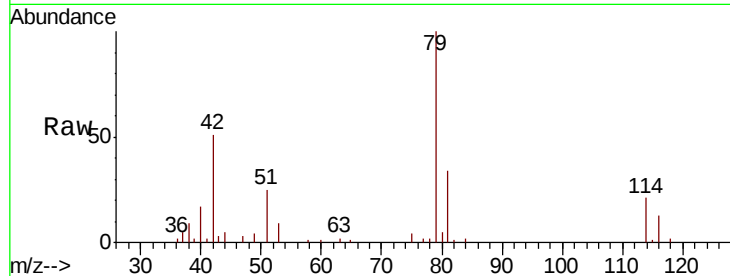
ClientSampleId :

Tot Ion: 75 Resp: 760

Ion Ratio Lower Upper

75 100

77 48.0 21.3 39.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.64

400

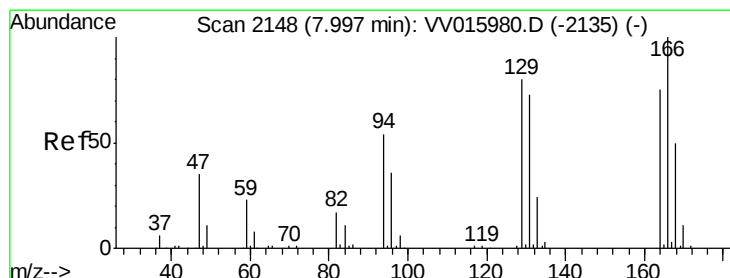
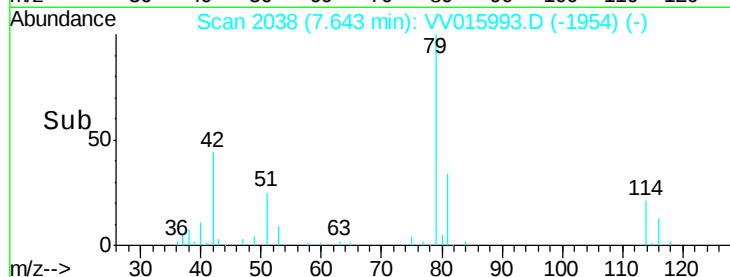
300

200

100

0

Time-->



#49

Tetrachloroethene

Concen: 0.495 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV015993.D

Acq: 11 May 2020 16:34

Tgt Ion: 164 Resp: 3621

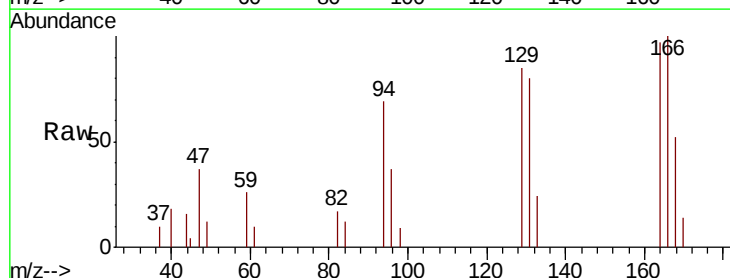
Ion Ratio Lower Upper

164 100

129 87.4 69.7 129.4

131 83.0 66.8 124.2

166 103.4 89.1 165.5



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

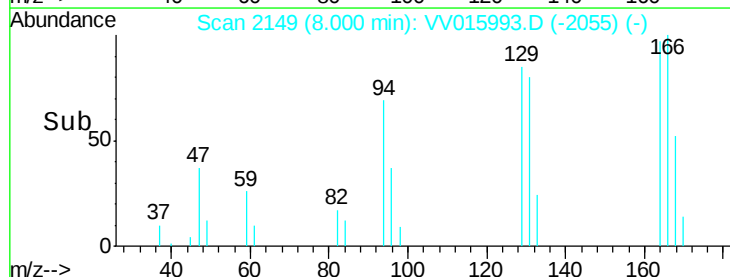
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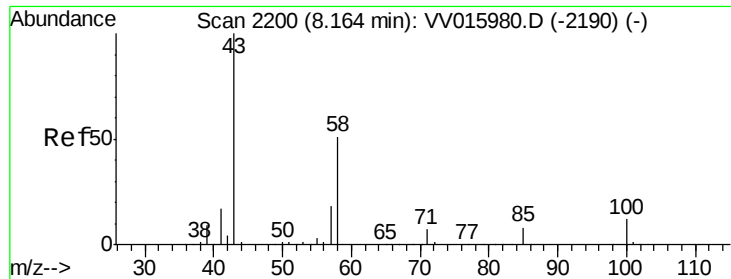
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1000

0

Time-->

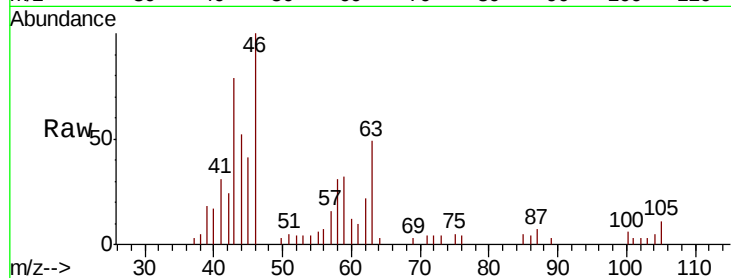




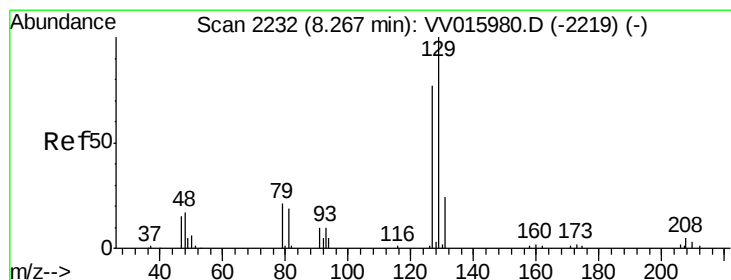
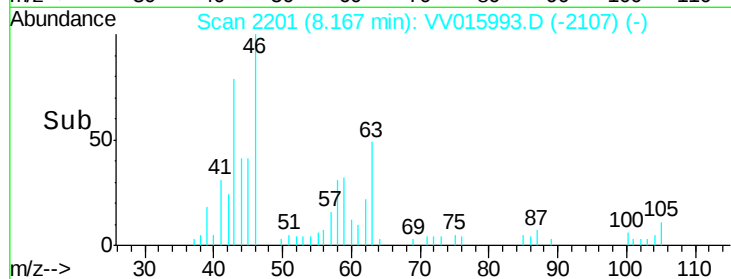
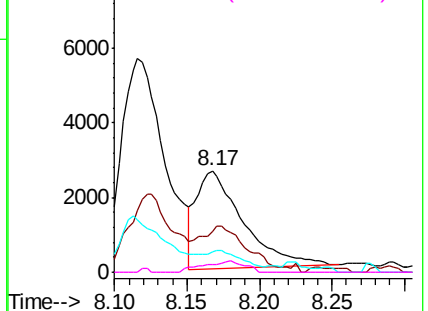
#50
2-Hexanone
Concen: 1.422 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV015993.D
Acq: 11 May 2020 16:34

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 5854
Ion Ratio Lower Upper
43 100
58 41.5 40.8 61.2
57 16.8 14.7 22.1
100 10.2 9.0 13.6

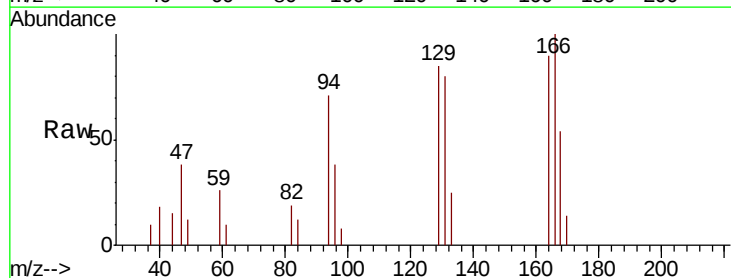


Abundance Ion 43.05 (42.75 to 43.75): VV015993.D (-2107) (-)
Ion 58.05 (57.75 to 58.75): VV015993.D (-2107) (-)
Ion 57.20 (56.90 to 57.90): VV015993.D (-2107) (-)
Ion 100.15 (99.85 to 100.85): VV015993.D (-2107) (-)



#51
Dibromochloromethane
Concen: 0.485 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV015993.D
Acq: 11 May 2020 16:34

Tgt Ion: 129 Resp: 3402
Ion Ratio Lower Upper
129 100
127 0.0 56.0 104.0#



Abundance Ion 128.95 (128.65 to 129.65): VV015993.D (-2139) (-)
Ion 126.90 (126.60 to 127.60): VV015993.D (-2139) (-)

