

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052920\
 Data File : VV016331.D
 Acq On : 29 May 2020 23:50
 Operator : SY/MD
 Sample : L2826-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 30 03:08:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 03:05:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	86762	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	82129	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	35768	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25027	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.58	69	20436	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.12	63	35358	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	3.96	46	73491	53.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.34%
24) Chloroform-d	4.38	84	50491	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.06	65	28210	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.07	84	100853	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.10	67	30696	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.34	98	88743	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
45) trans-1,3-Dichloropropene-	7.65	79	10070	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
48) 2-Hexanone-d5	8.12	63	56809	52.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.60%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	21930	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	31000	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

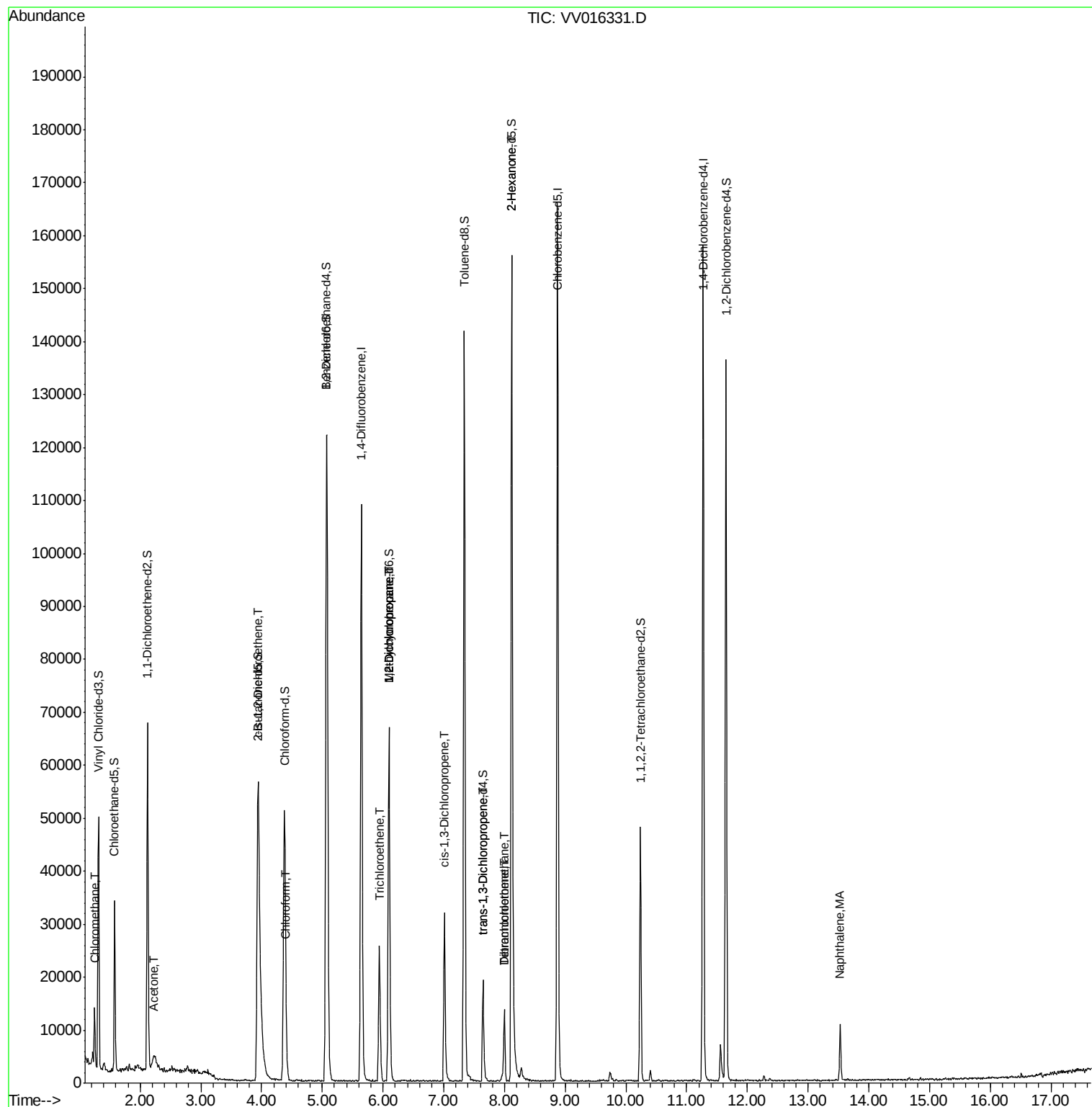
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	6614	0.792	ug/L	94
13) Acetone	2.23	43	3300	3.857	ug/L	89
22) cis-1,2-Dichloroethene	3.94	96	19250	2.906	ug/L	96
25) Chloroform	4.41	83	3055	0.271	ug/L	100
34) Trichloroethene	5.94	95	9208	1.496	ug/L	97
35) Methylcyclohexane	6.10	83	7405	0.713	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	3672	0.633	ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	869	0.106	ug/L #	79
46) trans-1,3-Dichloropropene	7.65	75	459	0.067	ug/L #	21
49) Tetrachloroethene	8.00	164	2577	0.583	ug/L	92
50) 2-Hexanone	8.12	43	7845	3.119	ug/L #	74
51) Dibromochloromethane	7.99	129	2638	0.653	ug/L #	10
70) Naphthalene	13.53	128	8859	0.598	ug/L	97

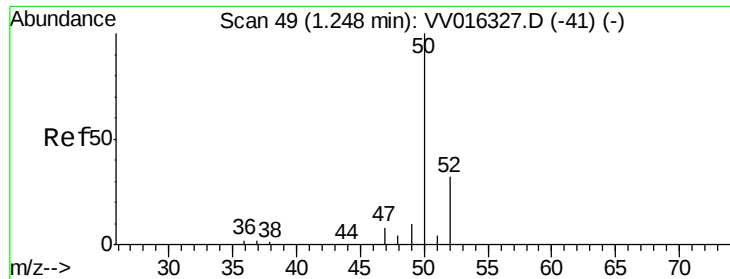
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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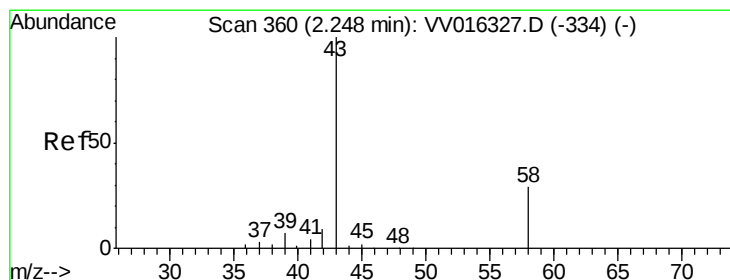
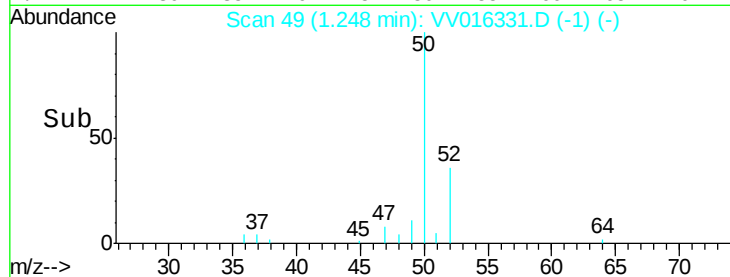
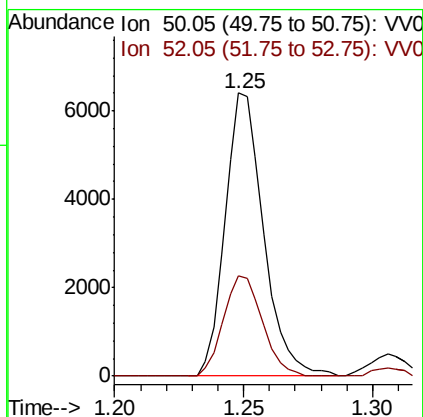
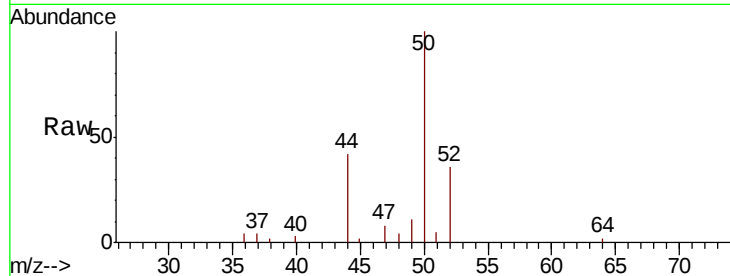




#3
 Chloromethane
 Concen: 0.792 ug/L
 RT: 1.25 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VV016331.D
 Acq: 29 May 2020 23:50

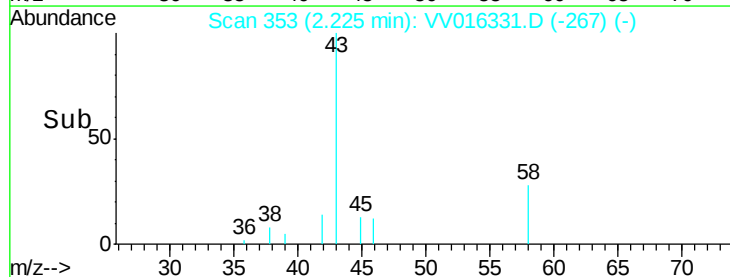
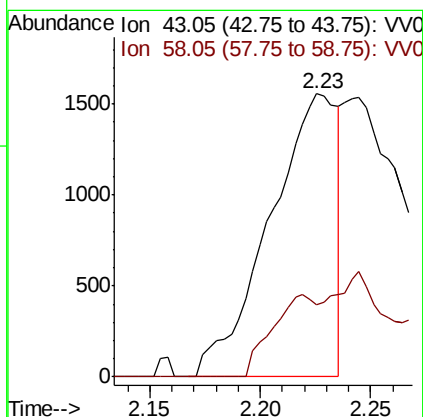
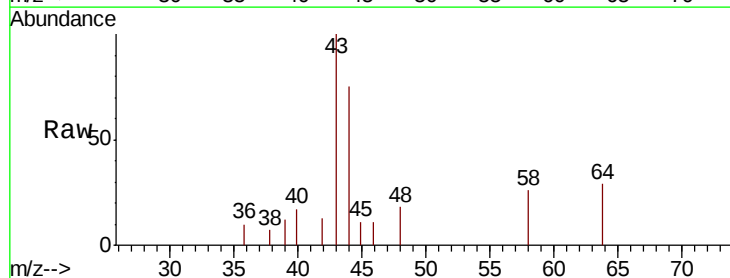
Instrument :
 MSVOA_V
 ClientSampleId :

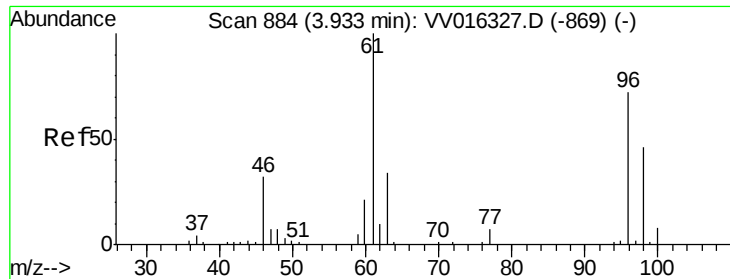
Tot Ion: 50 Resp: 6614
 Ion Ratio Lower Upper
 50 100
 52 35.5 22.5 41.9



#13
 Acetone
 Concen: 3.857 ug/L
 RT: 2.23 min Scan# 353
 Delta R.T. -0.02 min
 Lab File: VV016331.D
 Acq: 29 May 2020 23:50

Tgt Ion: 43 Resp: 3300
 Ion Ratio Lower Upper
 43 100
 58 19.0 0.0 48.8



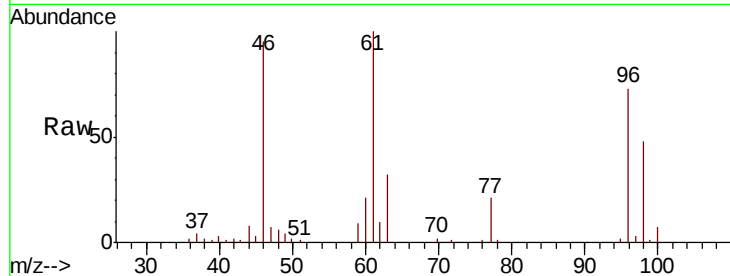


#22

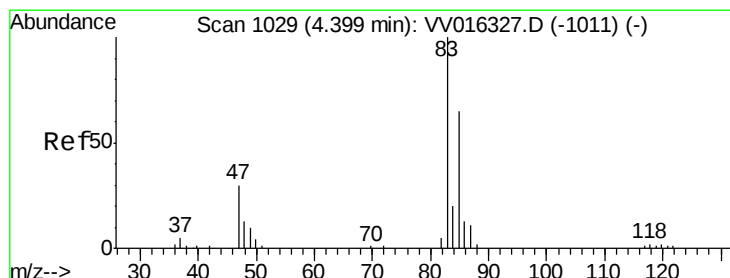
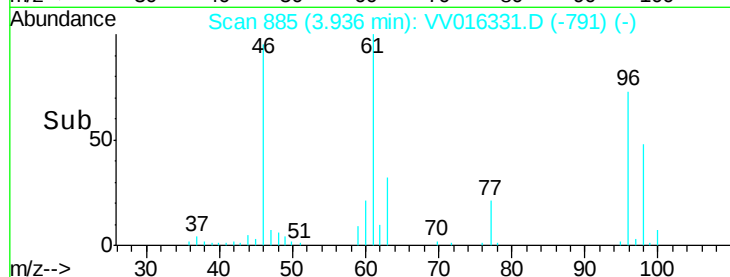
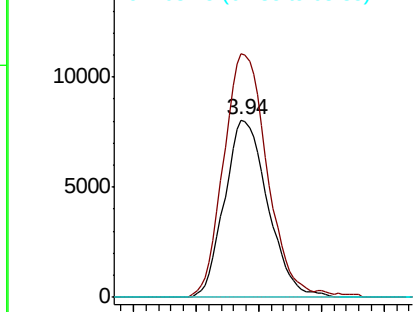
cis-1,2-Dichloroethene
Concen: 2.906 ug/L
RT: 3.94 min Scan# 885
Delta R.T. 0.00 min
Lab File: VV016331.D
Acq: 29 May 2020 23:50

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 96 Resp: 19250
Ion Ratio Lower Upper
96 100
61 137.5 99.7 185.1
68 0.0 0.0 0.0



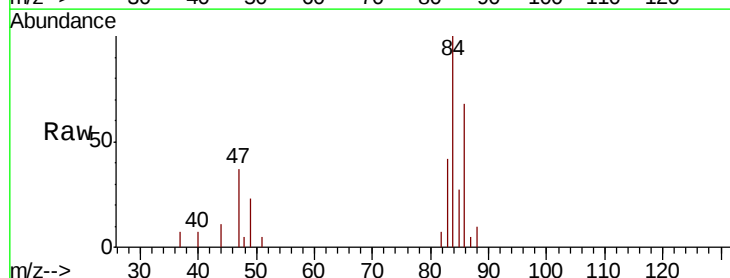
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



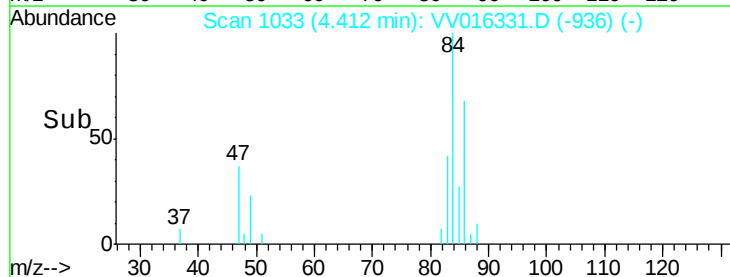
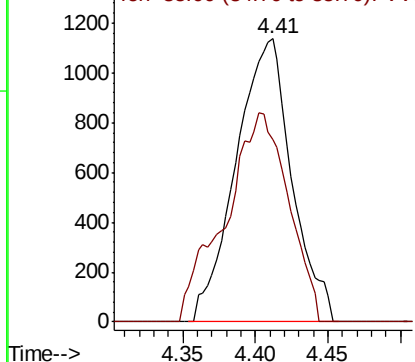
#25

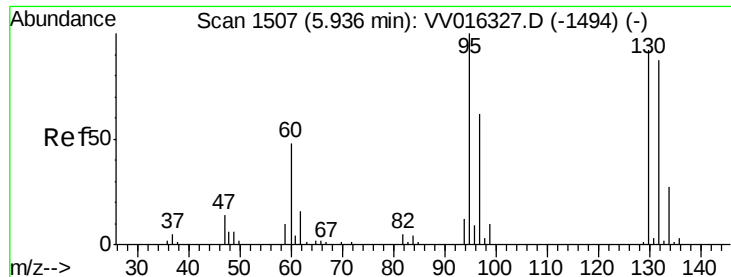
Chloroform
Concen: 0.271 ug/L
RT: 4.41 min Scan# 1033
Delta R.T. 0.01 min
Lab File: VV016331.D
Acq: 29 May 2020 23:50

Tgt Ion: 83 Resp: 3055
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.7



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 1.496 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016331.D

Acq: 29 May 2020 23:50

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 95 Resp: 9208

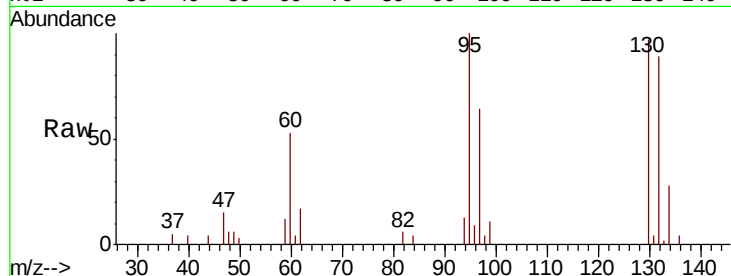
Ion Ratio Lower Upper

95 100

97 63.7 43.6 81.0

132 88.8 63.9 118.7

130 96.8 65.2 121.0

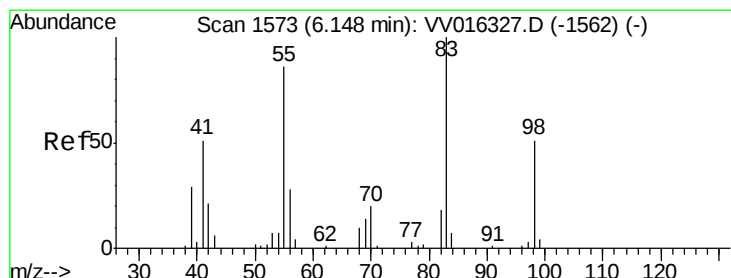
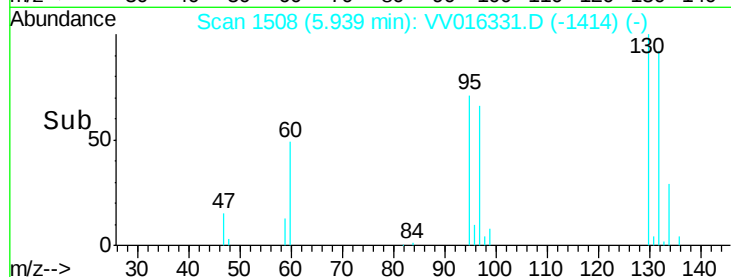
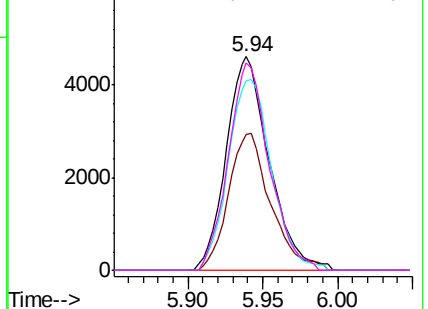


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.713 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV016331.D

Acq: 29 May 2020 23:50

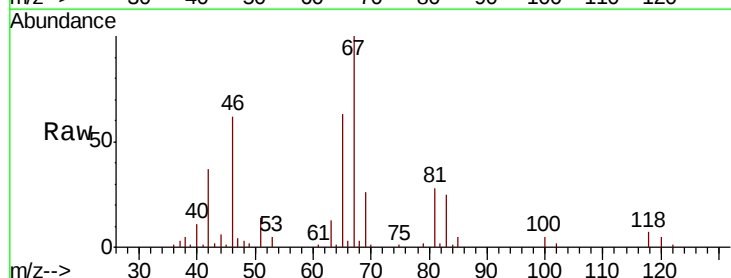
Tgt Ion: 83 Resp: 7405

Ion Ratio Lower Upper

83 100

55 0.0 65.4 98.0#

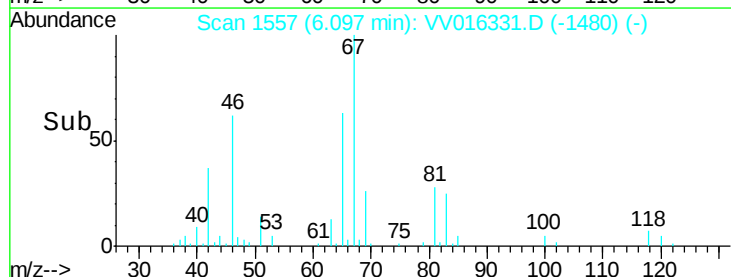
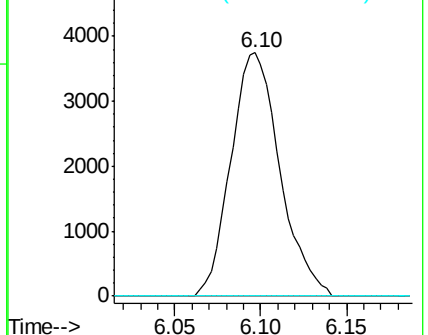
98 0.0 39.3 58.9#

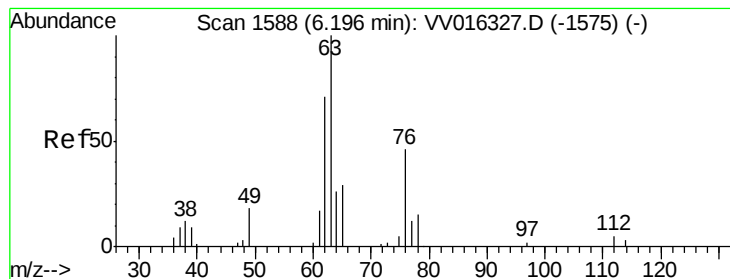


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.633 ug/L

RT: 6.10 min Scan# 1558

Delta R.T. -0.10 min

Lab File: VV016331.D

Acq: 29 May 2020 23:50

Instrument :

MSVOA_V

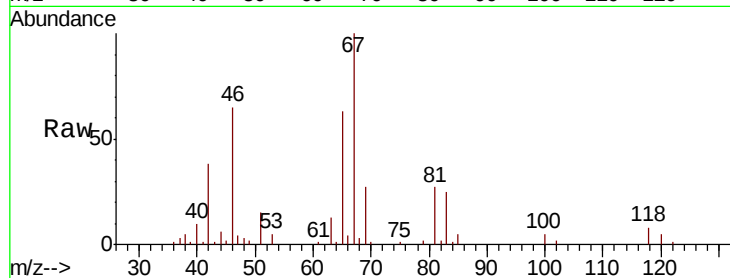
ClientSampleId :

Tot Ion: 63 Resp: 3672

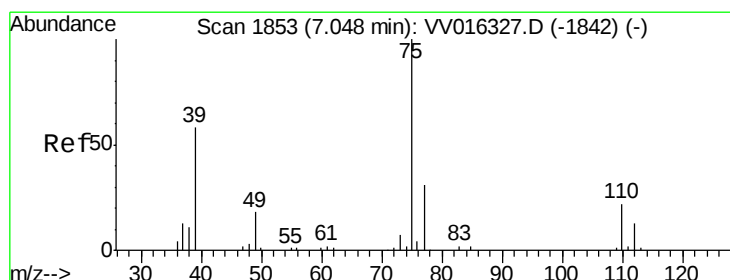
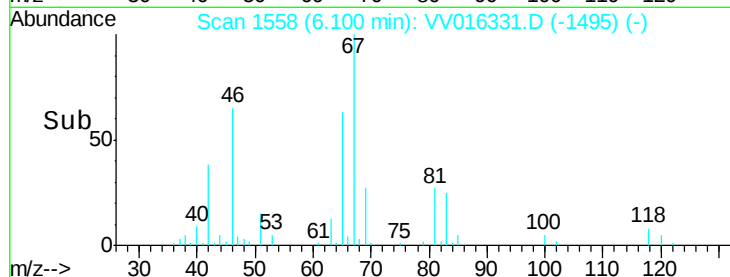
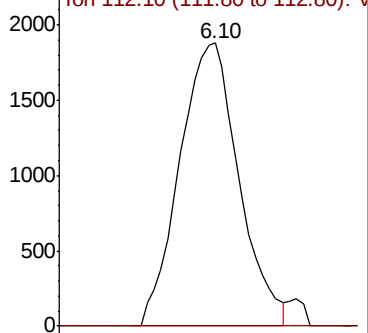
Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VV016331.D (-1495) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV016331.D

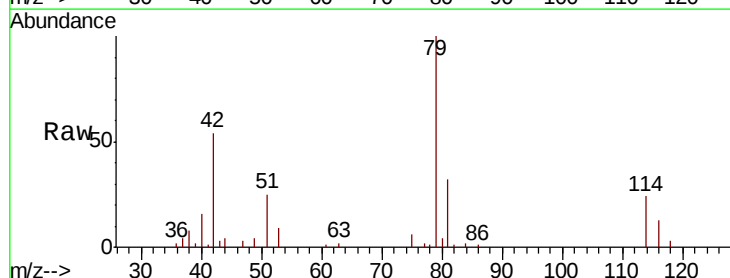
Acq: 29 May 2020 23:50

Tgt Ion: 75 Resp: 869

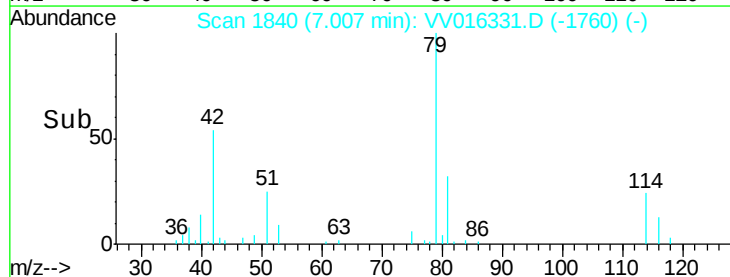
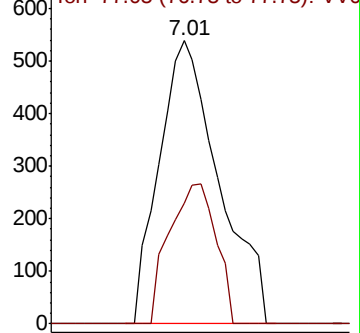
Ion Ratio Lower Upper

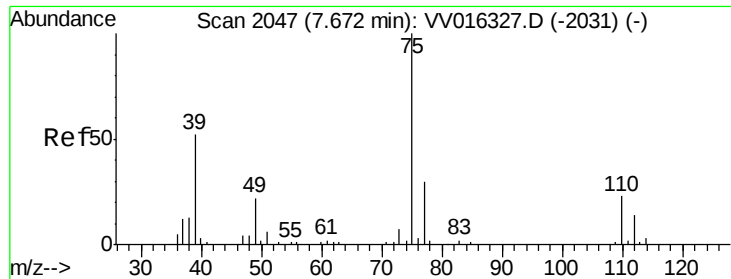
75 100

77 42.8 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VV016331.D (-1760) (-)





#46

trans-1,3-Dichloropropene

Concen: 0.067 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV016331.D

Acq: 29 May 2020 23:50

Instrument :

MSVOA_V

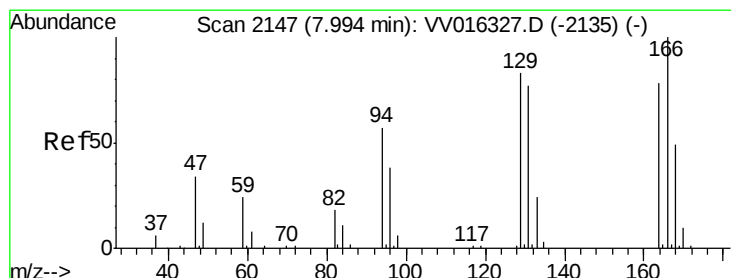
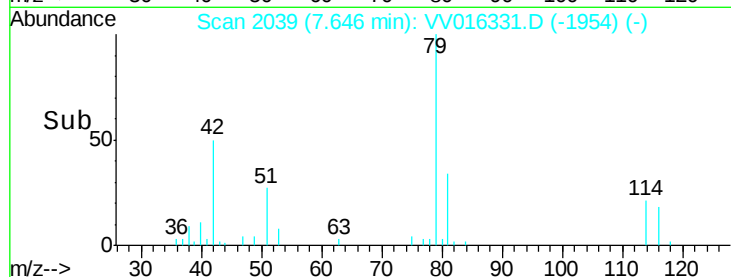
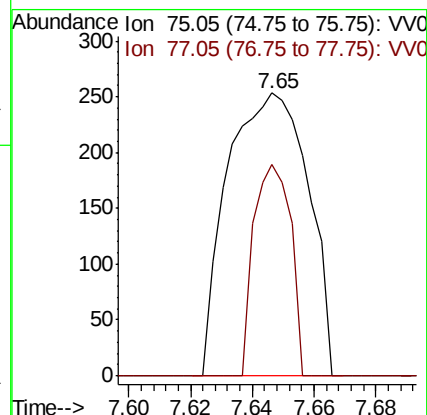
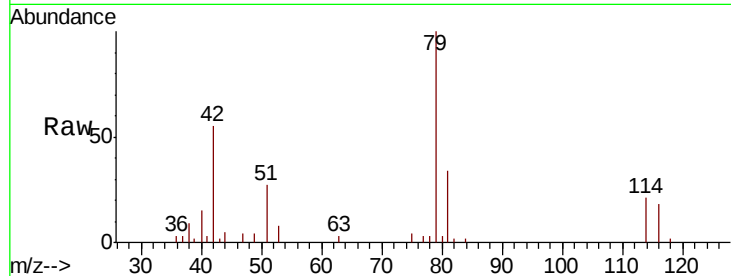
ClientSampleId :

Tot Ion: 75 Resp: 459

Ion Ratio Lower Upper

75 100

77 74.7 21.7 40.3#



#49

Tetrachloroethene

Concen: 0.583 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016331.D

Acq: 29 May 2020 23:50

Tgt Ion: 164 Resp: 2577

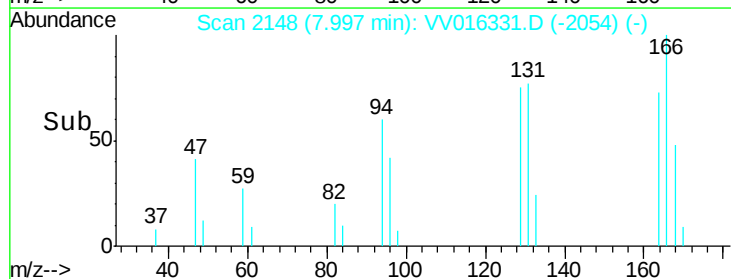
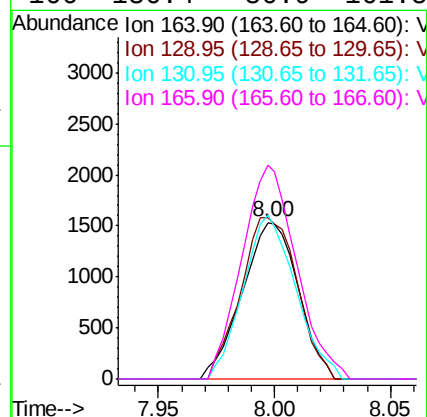
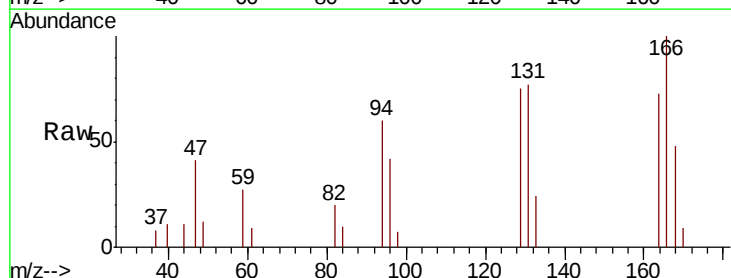
Ion Ratio Lower Upper

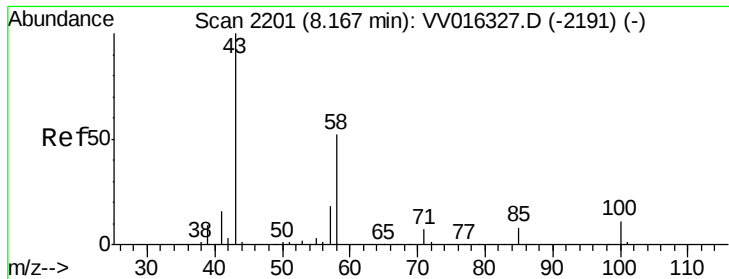
164 100

129 103.0 70.7 131.3

131 104.4 66.6 123.8

166 136.4 86.9 161.5

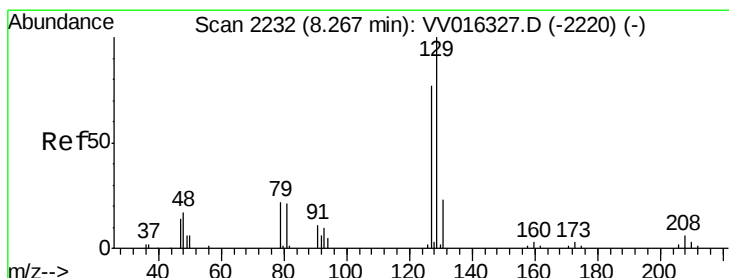
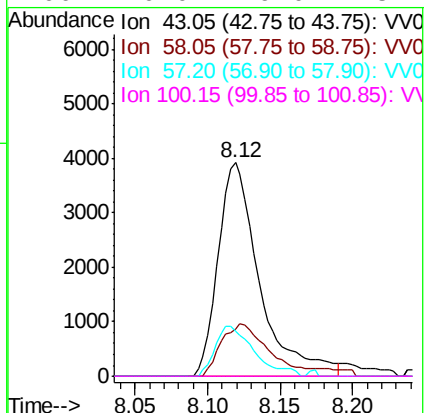
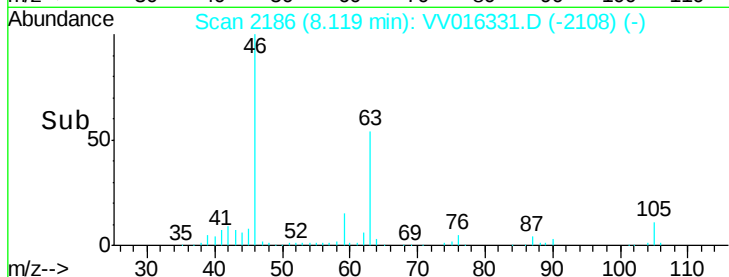
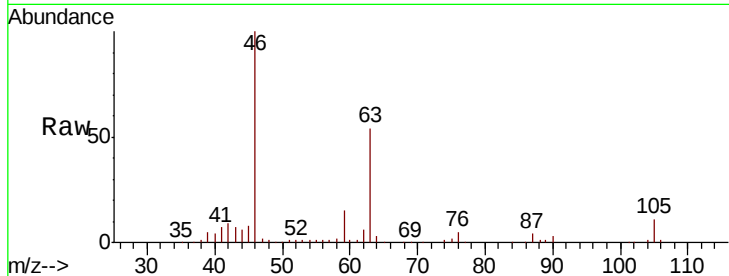




#50
2-Hexanone
Concen: 3.119 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV016331.D
Acq: 29 May 2020 23:50

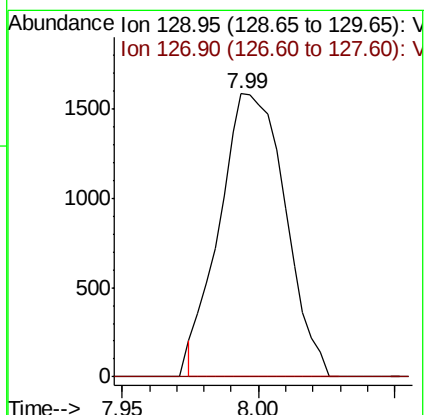
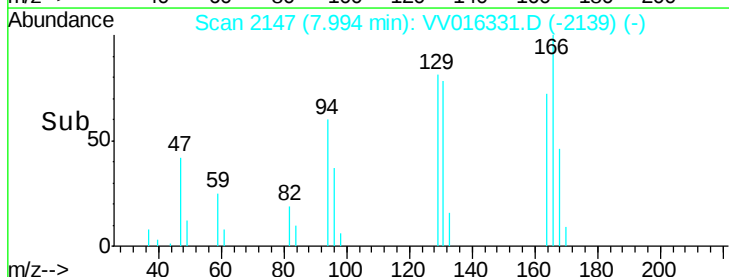
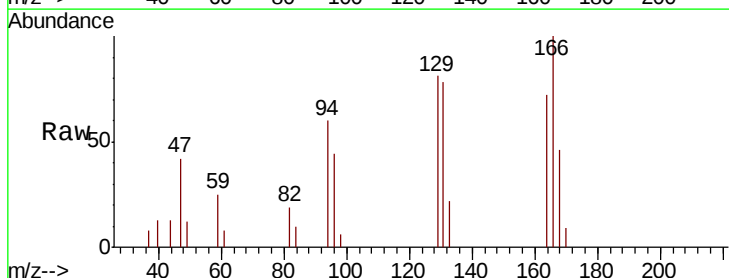
Instrument :
MSVOA_V
ClientSampleId :

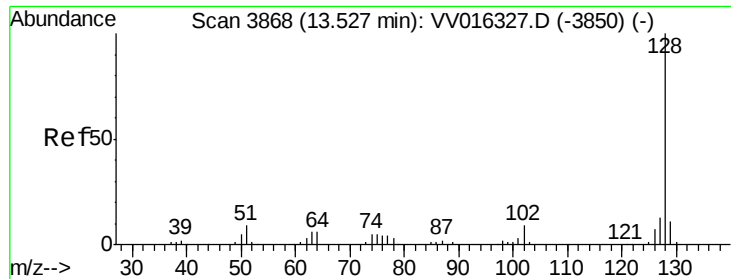
Tot Ion: 43 Resp: 7845
Ion Ratio Lower Upper
43 100
58 29.7 41.4 62.0#
57 22.0 15.0 22.4
100 0.0 9.0 13.4#



#51
Dibromochloromethane
Concen: 0.653 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. -0.27 min
Lab File: VV016331.D
Acq: 29 May 2020 23:50

Tgt Ion: 129 Resp: 2638
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.4#





#70

Naphthalene

Concen: 0.598 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

Lab File: VV016331.D

Acq: 29 May 2020 23:50

Instrument :

MSVOA_V

ClientSampleId :

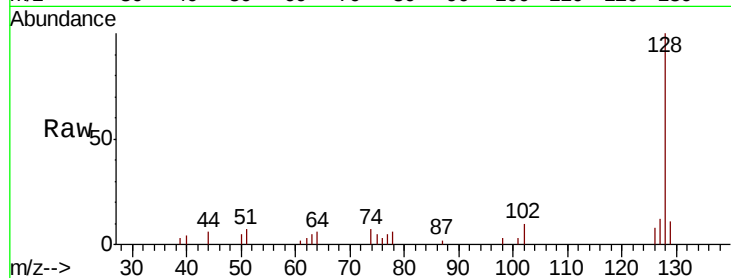
Tot Ion:128 Resp: 8859

Ion Ratio Lower Upper

128 100

129 9.8 8.6 13.0

127 12.0 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

