

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070620\
 Data File : VV017357.D
 Acq On : 06 Jul 2020 17:41
 Operator : SY/MD
 Sample : L3168-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH7

Quant Time: Jul 07 01:20:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 07 01:14:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	162333	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	156309	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75215	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40639	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.58	69	33085	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.12	63	65775	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.96	46	79955	32.20	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.40%
24) Chloroform-d	4.38	84	95126	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.06	65	54679	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.07	84	175552	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.10	67	50487	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.20%
41) Toluene-d8	7.34	98	159917	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
45) trans-1,3-Dichloropropene-	7.64	79	20845	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
48) 2-Hexanone-d5	8.12	63	68853	35.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.48%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35547	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	66282	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

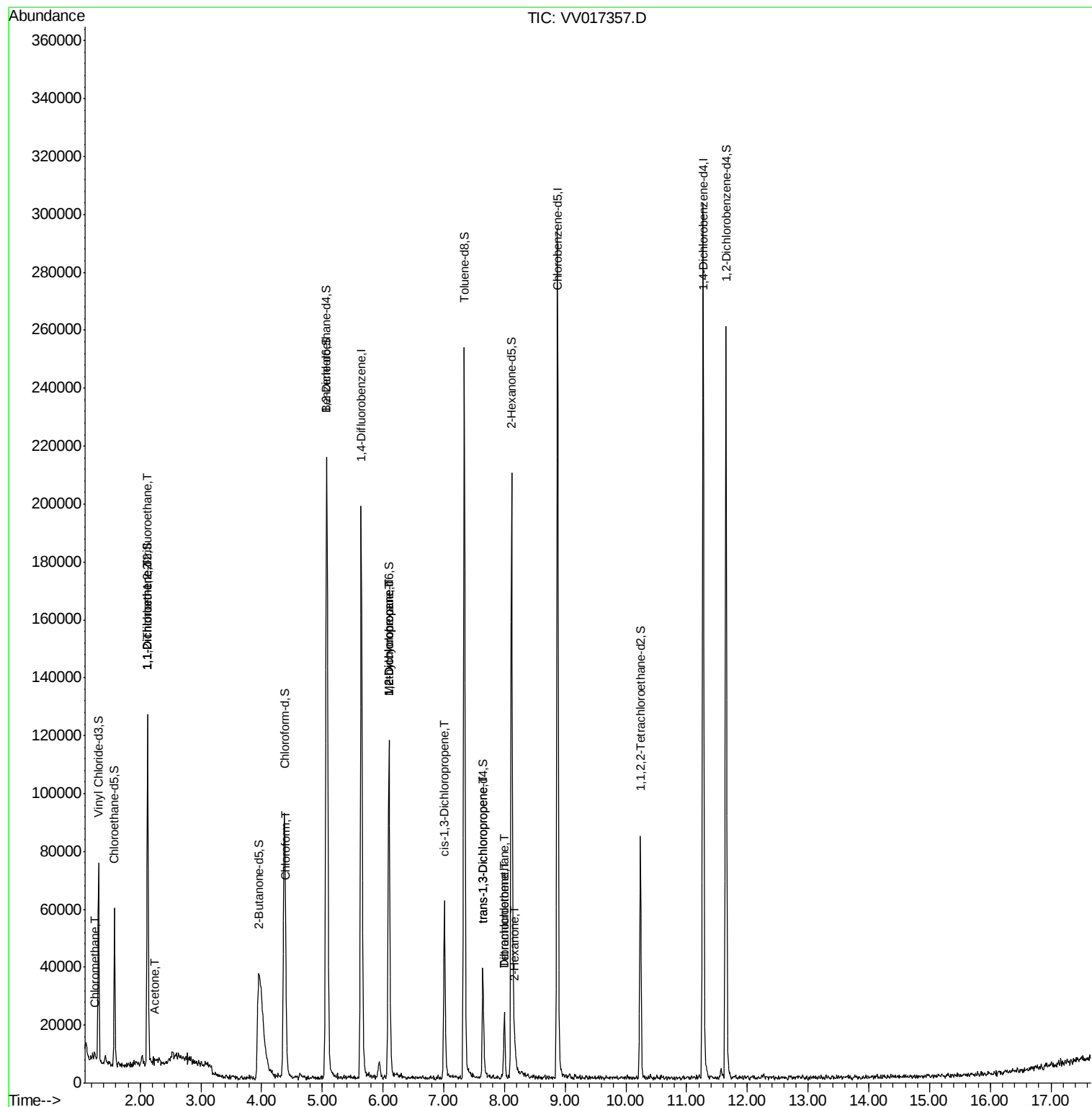
					Ovalue
3) Chloromethane	1.25	50	1117	0.102	ug/L # 79
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	697	0.081	ug/L # 32
12) 1,1-Dichloroethene	2.12	96	737	0.095	ug/L # 1
13) Acetone	2.24	43	1497	1.193	ug/L 62
25) Chloroform	4.41	83	3946	0.195	ug/L 97
35) Methylcyclohexane	6.09	83	13835	0.742	ug/L # 17
37) 1,2-Dichloropropane	6.10	63	6869	0.678	ug/L # 84
39) cis-1,3-Dichloropropene	7.01	75	1893	0.126	ug/L # 60
46) trans-1,3-Dichloropropene	7.64	75	1158	0.089	ug/L # 49
49) Tetrachloroethene	8.00	164	4791	0.497	ug/L 94
50) 2-Hexanone	8.17	43	4946	1.188	ug/L # 88
51) Dibromochloromethane	8.00	129	4234	0.486	ug/L # 11

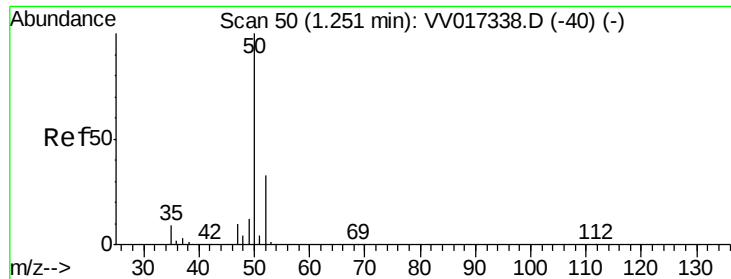
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.102 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV017357.D

Acq: 06 Jul 2020 17:41

Instrument :

MSVOA_V

ClientSampled :

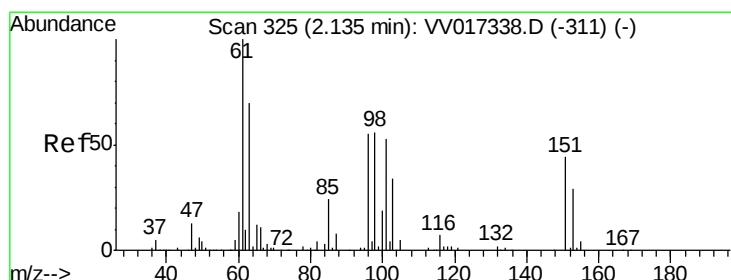
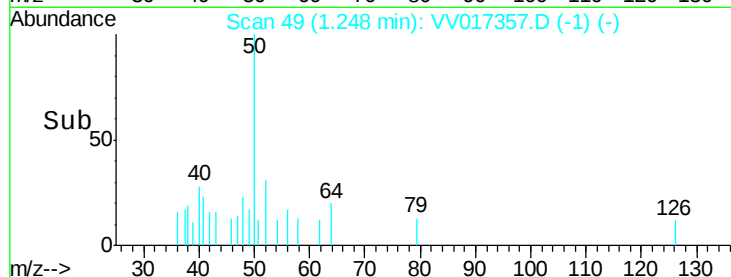
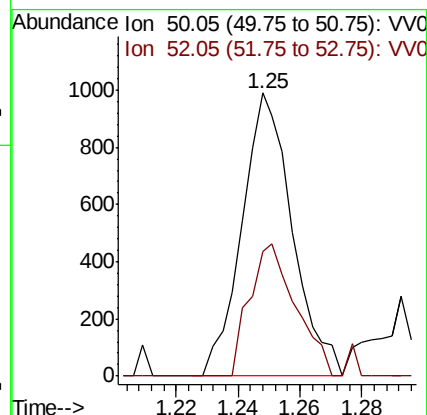
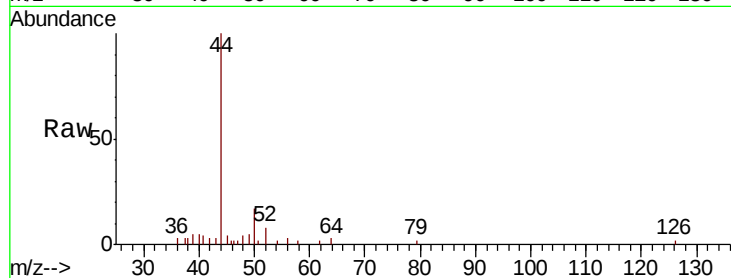
C0AH7

Tot Ion: 50 Resp: 1117

Ion Ratio Lower Upper

50 100

52 44.0 22.5 41.9#



#10

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

Concen: 0.081 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017357.D

Acq: 06 Jul 2020 17:41

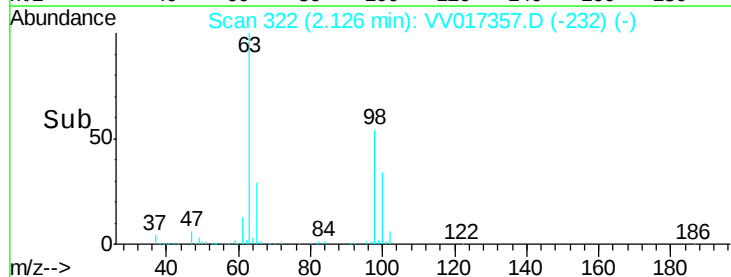
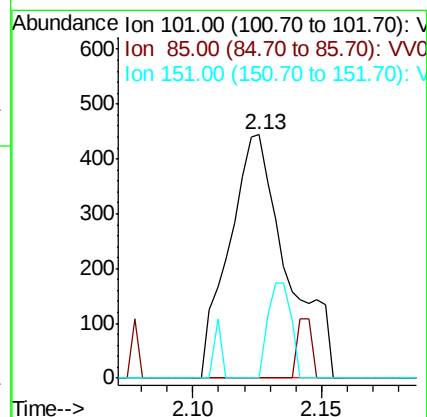
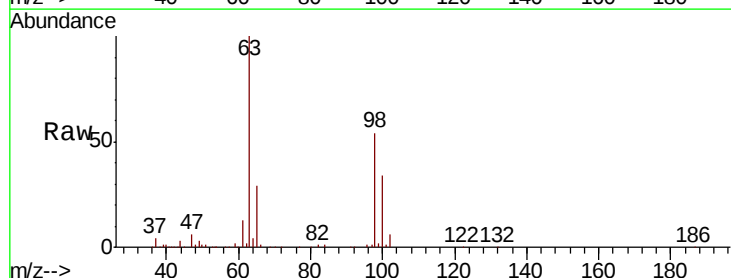
Tgt Ion:101 Resp: 697

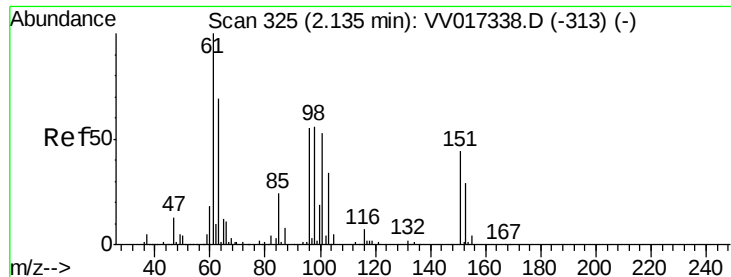
Ion Ratio Lower Upper

101 100

85 6.0 35.4 53.2#

151 15.8 63.9 95.9#





#12

1,1-Dichloroethene

Concen: 0.095 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.02 min

Lab File: VV017357.D

Acq: 06 Jul 2020 17:41

Instrument :

MSVOA_V

ClientSampled :

C0AH7

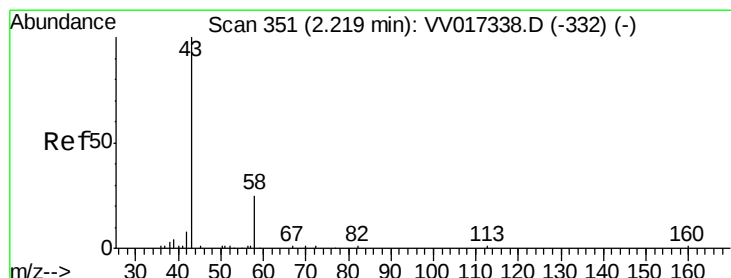
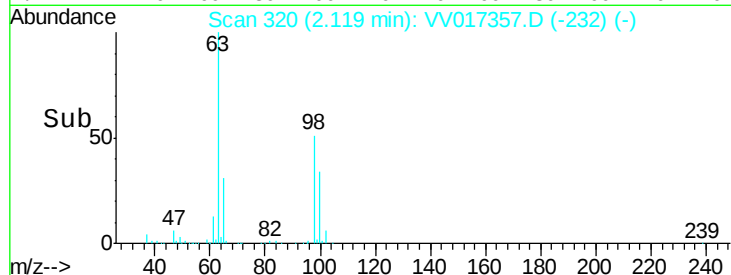
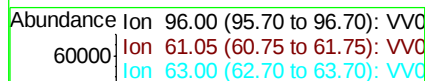
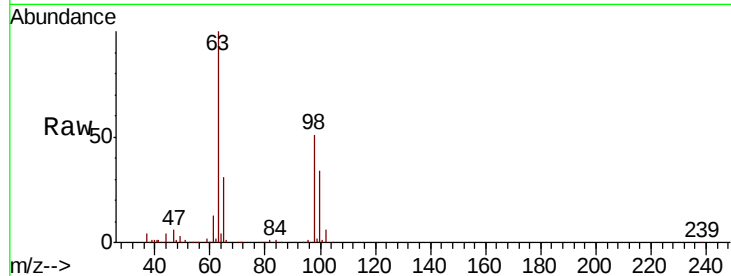
Tot Ion: 96 Resp: 737

Ion Ratio Lower Upper

96 100

61 1137.8 125.0 232.2#

63 8857.4 109.8 203.8#



#13

Acetone

Concen: 1.193 ug/L

RT: 2.24 min Scan# 357

Delta R.T. 0.02 min

Lab File: VV017357.D

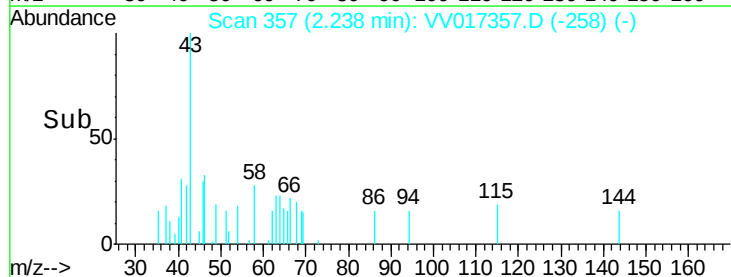
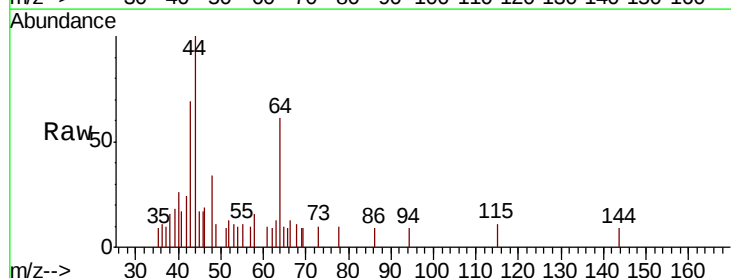
Acq: 06 Jul 2020 17:41

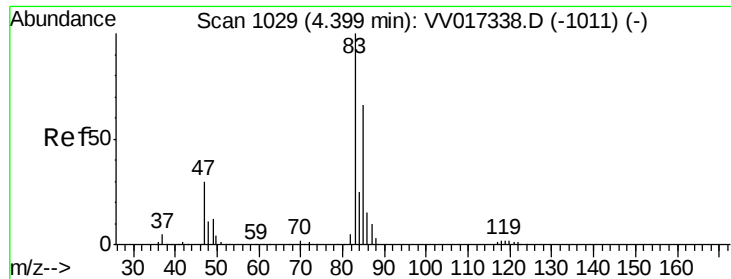
Tgt Ion: 43 Resp: 1497

Ion Ratio Lower Upper

43 100

58 9.0 0.0 58.4

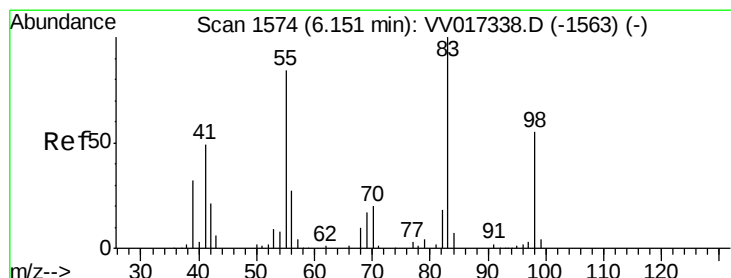
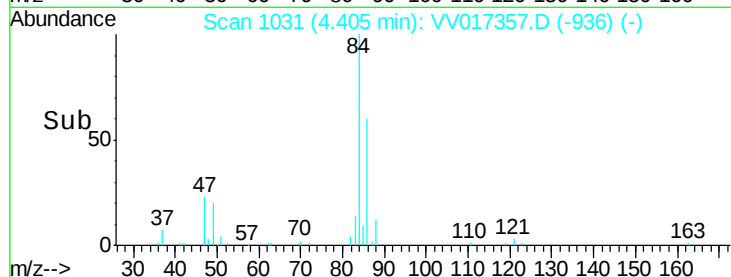
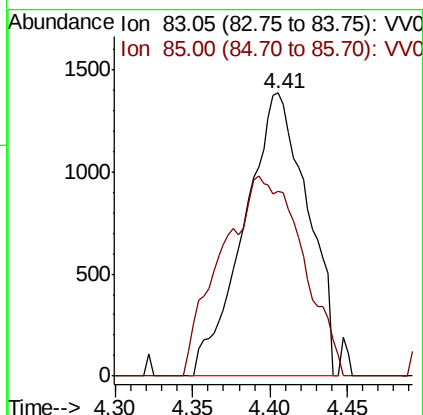
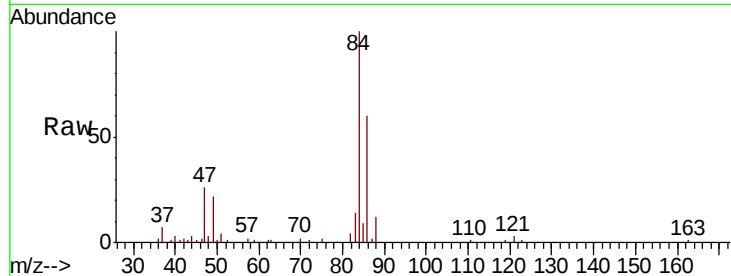




#25
Chloroform
Concen: 0.195 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV017357.D
Acq: 06 Jul 2020 17:41

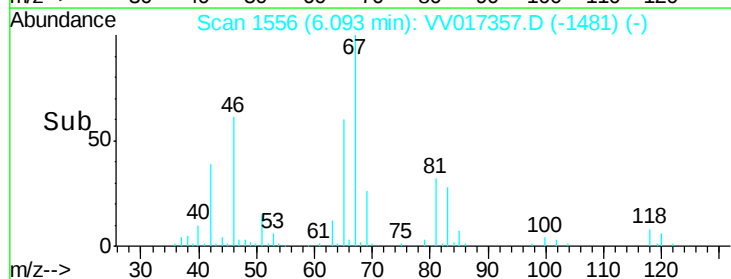
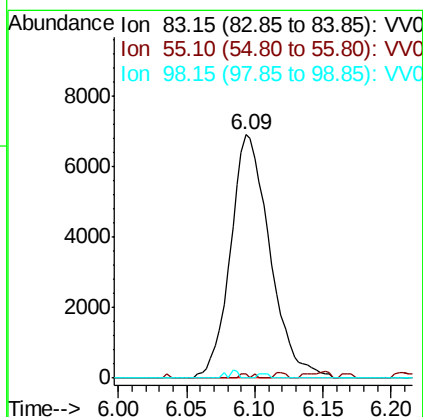
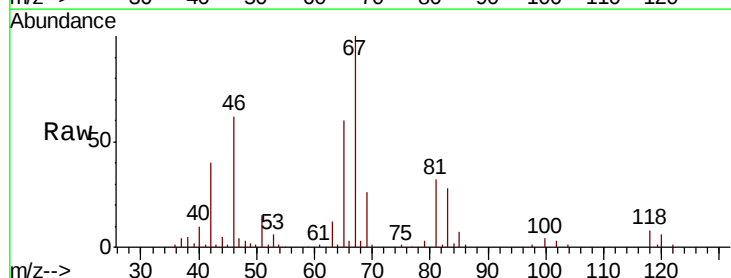
Instrument :
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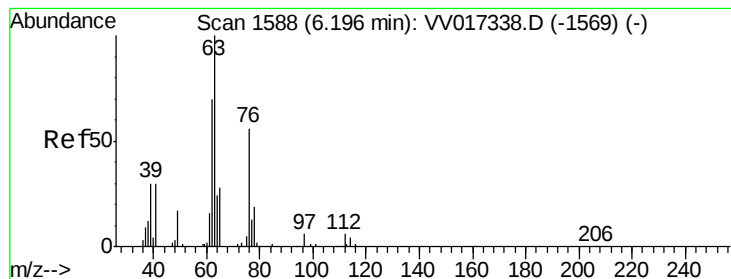
Tot Ion: 83 Resp: 3946
Ion Ratio Lower Upper
83 100
85 65.2 44.2 82.2



#35
Methylcyclohexane
Concen: 0.742 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017357.D
Acq: 06 Jul 2020 17:41

Tgt Ion: 83 Resp: 13835
Ion Ratio Lower Upper
83 100
55 0.5 63.6 95.4#
98 0.5 38.8 58.2#





#37

1,2-Dichloropropane

Concen: 0.678 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV017357.D

Acq: 06 Jul 2020 17:41

Instrument :

MSVOA_V

ClientSampleId :

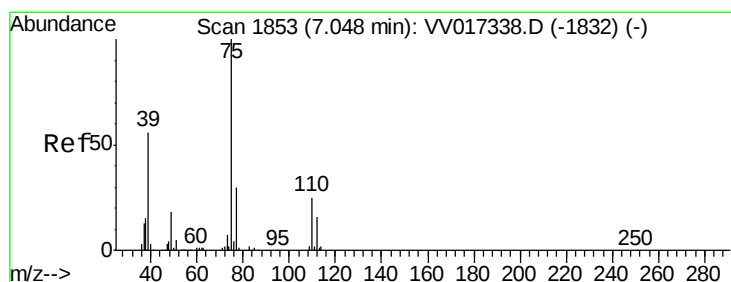
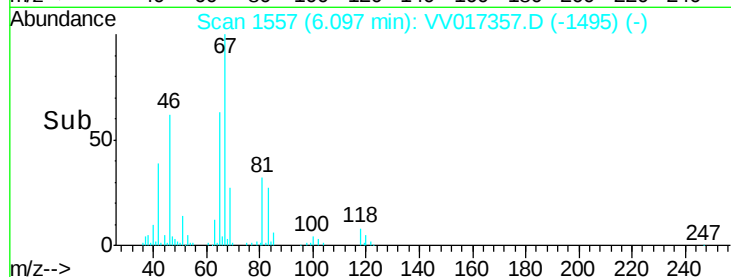
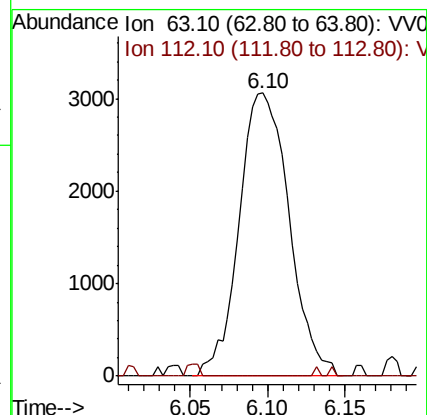
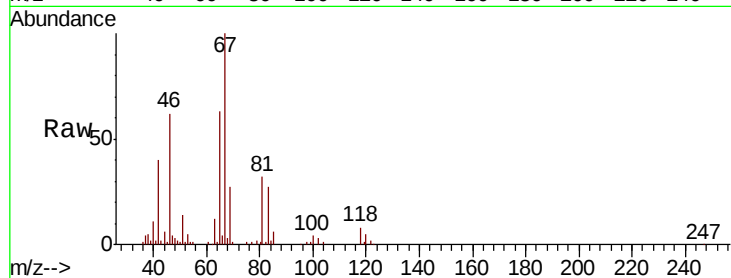
C0AH7

Tot Ion: 63 Resp: 6869

Ion Ratio Lower Upper

63 100

112 0.3 4.4 6.6#



#39

cis-1,3-Dichloropropene

Concen: 0.126 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV017357.D

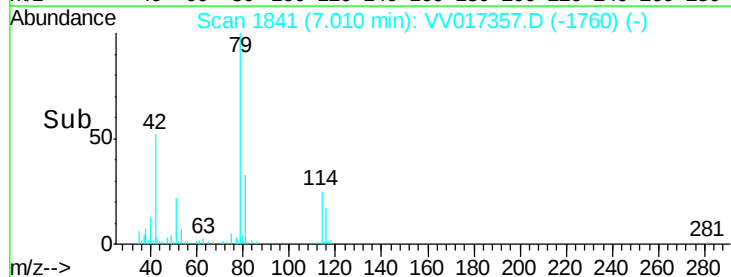
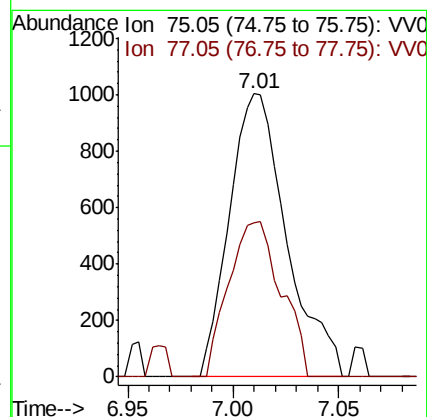
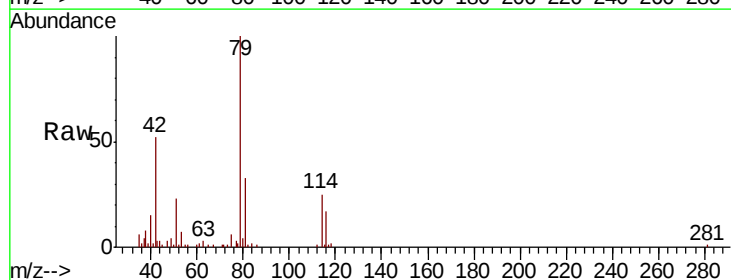
Acq: 06 Jul 2020 17:41

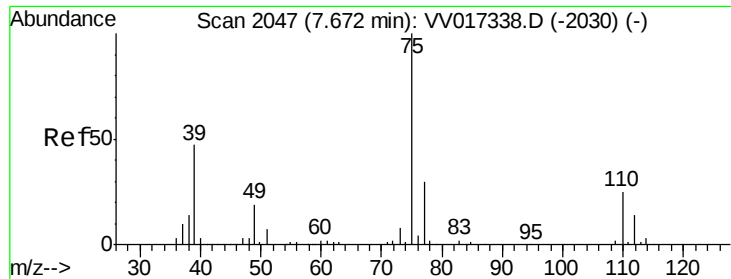
Tgt Ion: 75 Resp: 1893

Ion Ratio Lower Upper

75 100

77 54.3 22.3 41.5#

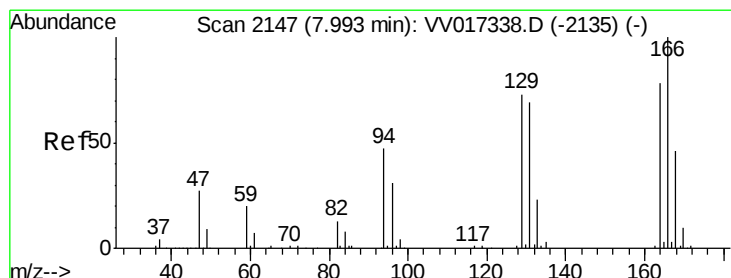
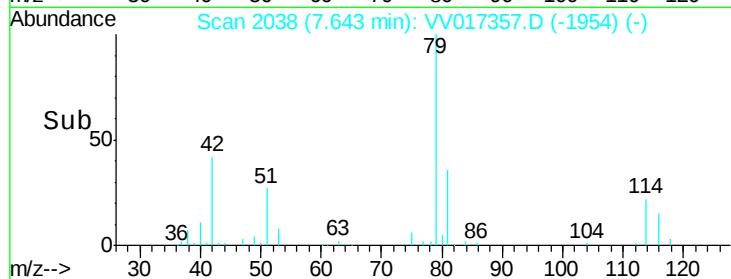
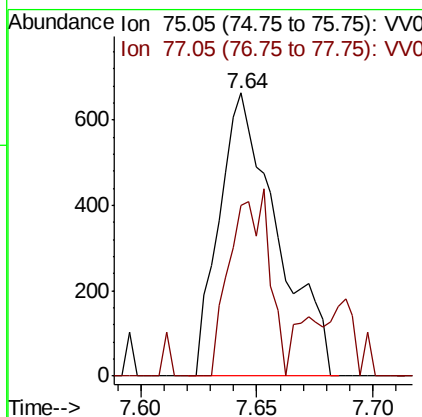
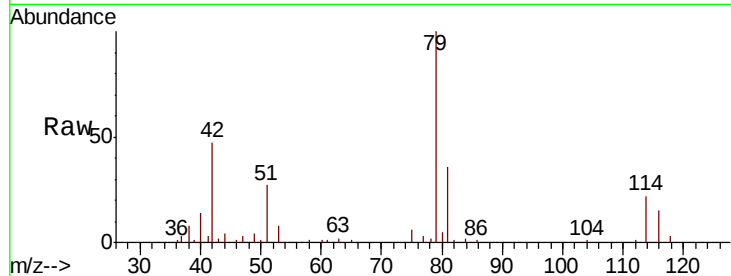




#46
trans-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV017357.D
Acq: 06 Jul 2020 17:41

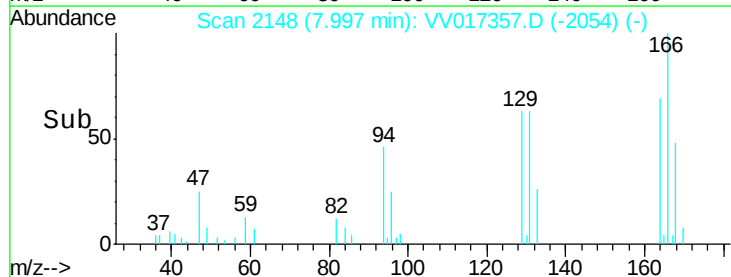
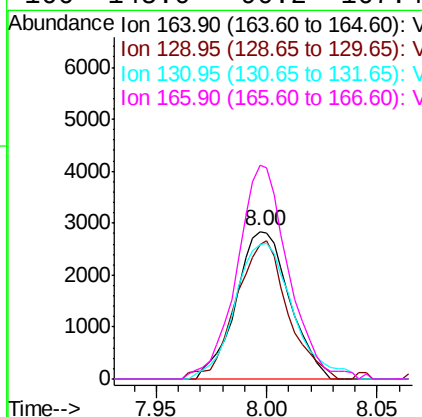
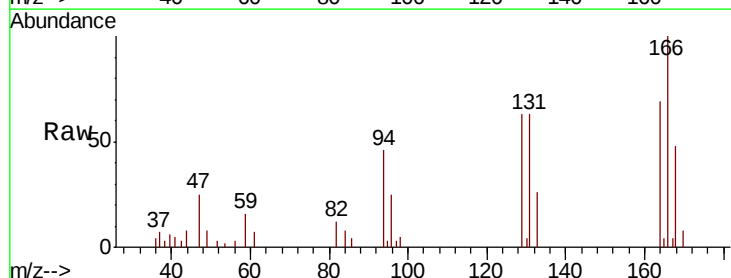
Instrument :
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ClientSampleId :
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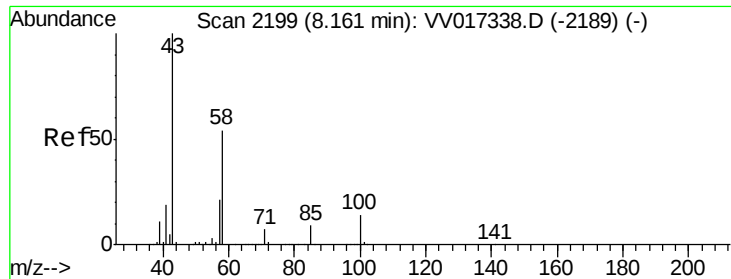
Tot Ion: 75 Resp: 1158
Ion Ratio Lower Upper
75 100
77 60.3 22.3 41.3#



#49
Tetrachloroethene
Concen: 0.497 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV017357.D
Acq: 06 Jul 2020 17:41

Tgt Ion: 164 Resp: 4791
Ion Ratio Lower Upper
164 100
129 91.6 65.2 121.0
131 91.3 64.1 119.1
166 145.0 90.2 167.4

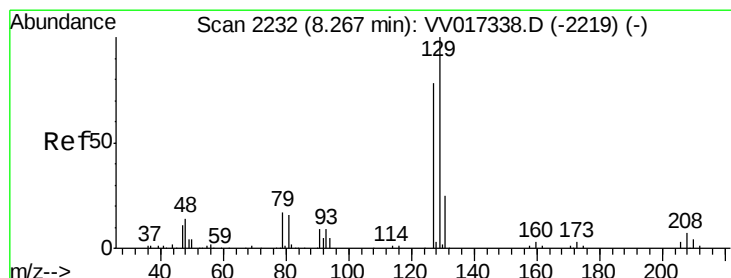
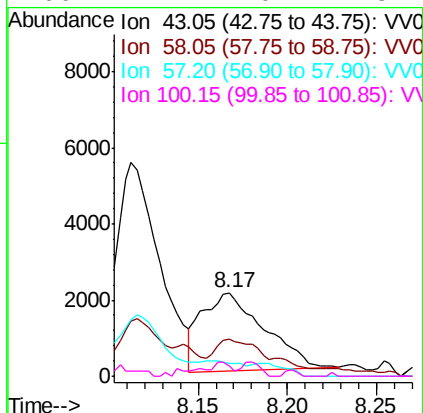
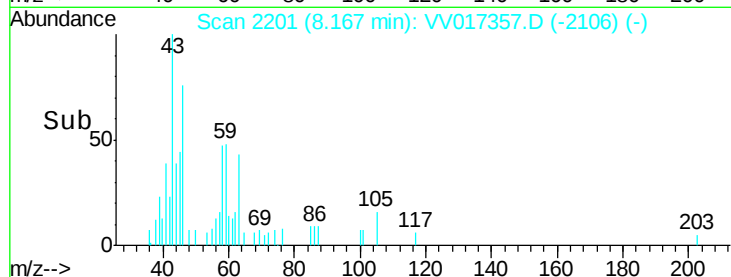
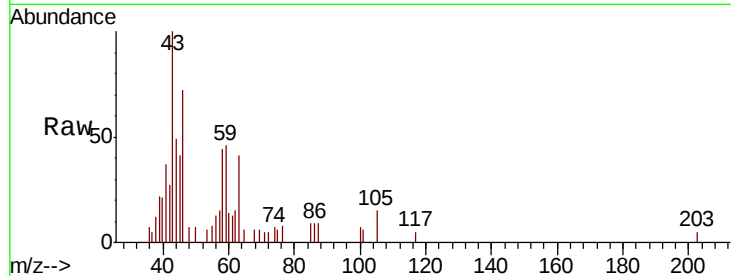




#50
2-Hexanone
Concen: 1.188 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV017357.D
Acq: 06 Jul 2020 17:41

Instrument :
MSVOA_V
ClientSampleId :
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Tot Ion: 43 Resp: 4946
Ion Ratio Lower Upper
43 100
58 51.7 41.6 62.4
57 0.0 15.4 23.0#
100 7.4 10.1 15.1#



#51
Dibromochloromethane
Concen: 0.486 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.27 min
Lab File: VV017357.D
Acq: 06 Jul 2020 17:41

Tgt Ion: 129 Resp: 4234
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#

