

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071520\
 Data File : VV017508.D
 Acq On : 15 Jul 2020 13:43
 Operator : SY/MD
 Sample : L3281-17
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXX7

Quant Time: Jul 16 03:08:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 16 01:29:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	133984	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	128622	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	61595	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34812	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.58	69	38071	6.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.80%
11) 1,1-Dichloroethene-d2	2.13	63	68837	4.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.80%
20) 2-Butanone-d5	3.94	46	83531	52.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.46%
24) Chloroform-d	4.38	84	79666	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.06	65	47222	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.07	84	142212	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.10	67	40704	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.34	98	131350	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
45) trans-1,3-Dichloropropene-	7.65	79	18309	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
48) 2-Hexanone-d5	8.11	63	52658	44.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.18%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24789	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	56441	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

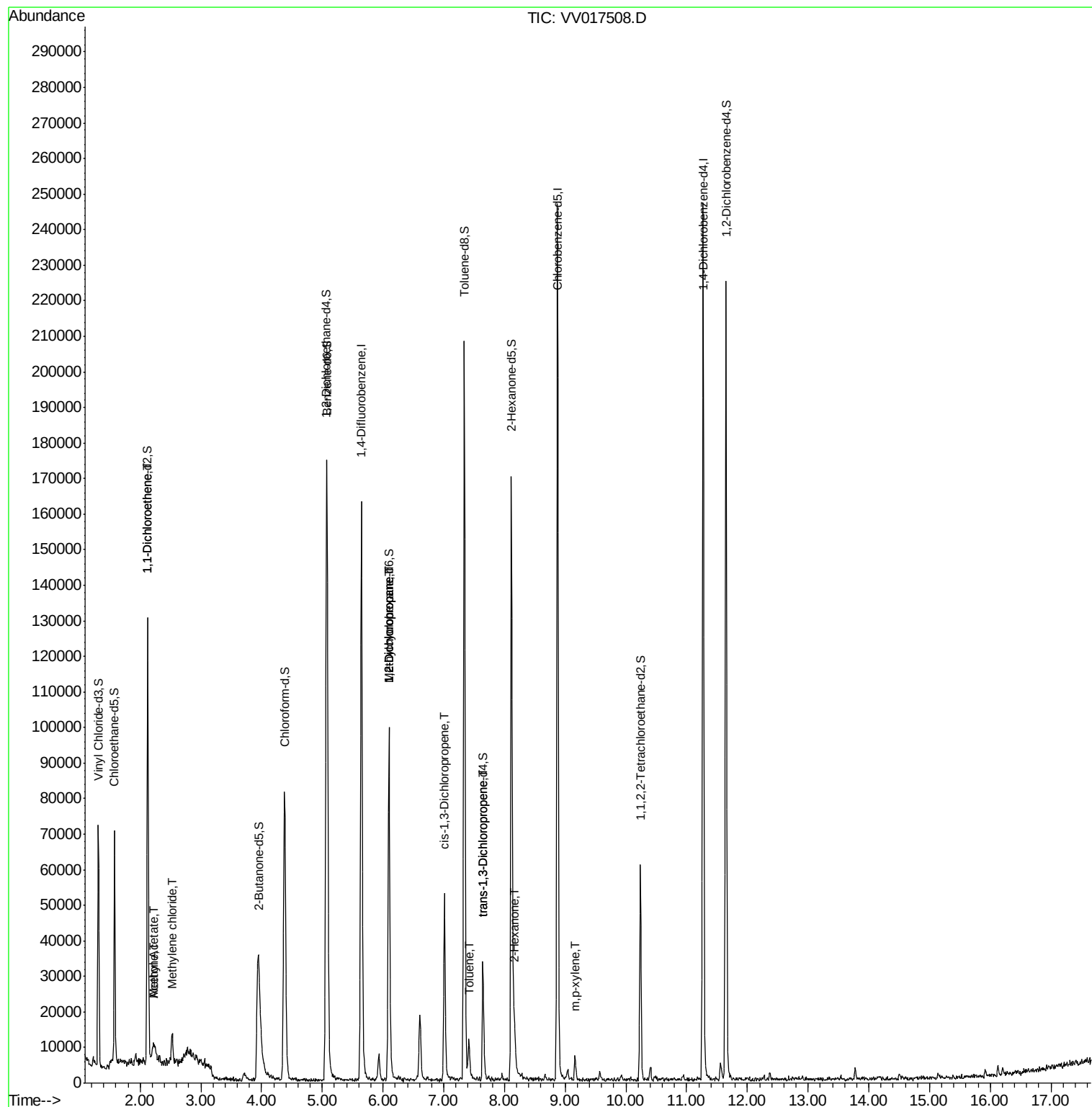
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.12	96	796	0.099	ug/L #	1
13) Acetone	2.22	43	10396	8.954	ug/L	99
15) Methyl Acetate	2.22	43	10378	4.628	ug/L #	50
16) Methylene chloride	2.52	84	3272	0.337	ug/L	88
35) Methylcyclohexane	6.10	83	11572	0.753	ug/L #	17
37) 1,2-Dichloropropane	6.09	63	5712	0.721	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1476	0.116	ug/L #	50
42) Toluene	7.41	91	7842	0.208	ug/L	93
46) trans-1,3-Dichloropropene	7.64	75	1065	0.095	ug/L	91
50) 2-Hexanone	8.16	43	6621	2.152	ug/L #	91
55) m,p-xylene	9.16	106	1625	0.099	ug/L	94

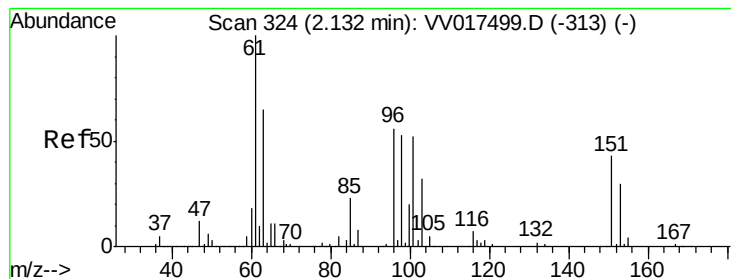
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.099 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017508.D

Acq: 15 Jul 2020 13:43

Instrument :

MSVOA_V

ClientSampled :

GAXX7

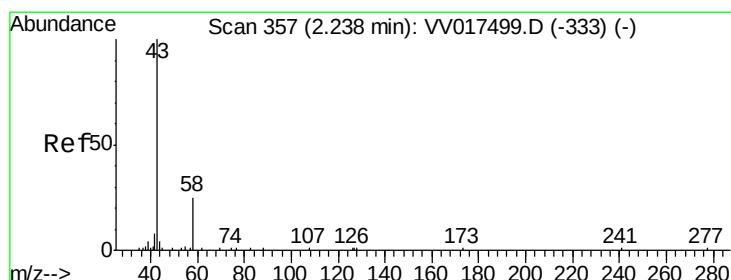
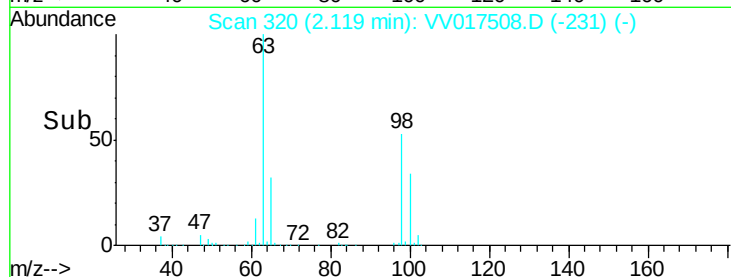
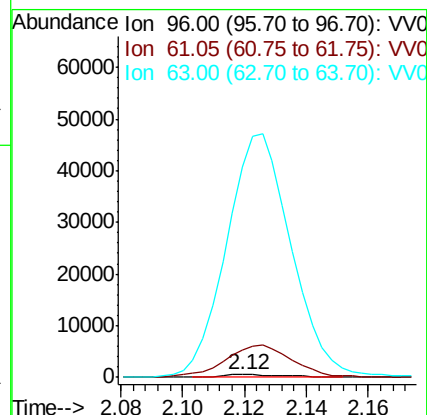
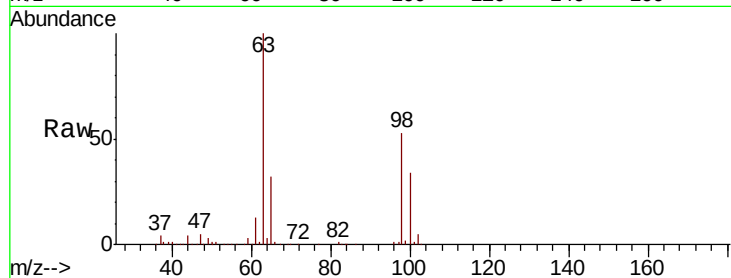
Tot Ion: 96 Resp: 796

Ion Ratio Lower Upper

96 100

61 1053.5 137.2 254.8#

63 7984.3 103.6 192.4#



#13

Acetone

Concen: 8.954 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.02 min

Lab File: VV017508.D

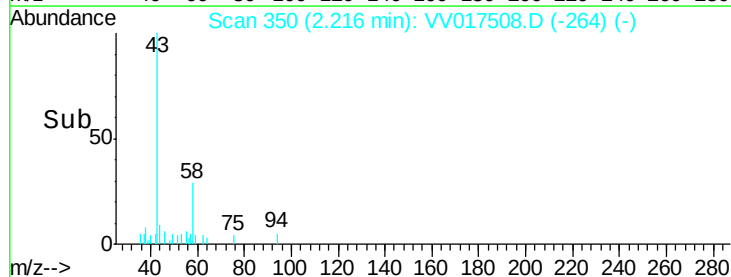
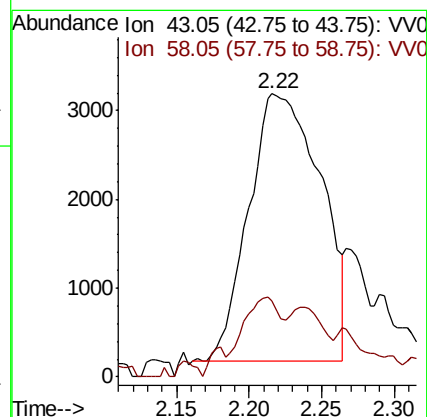
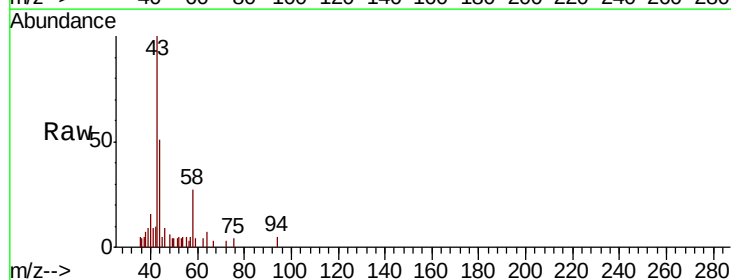
Acq: 15 Jul 2020 13:43

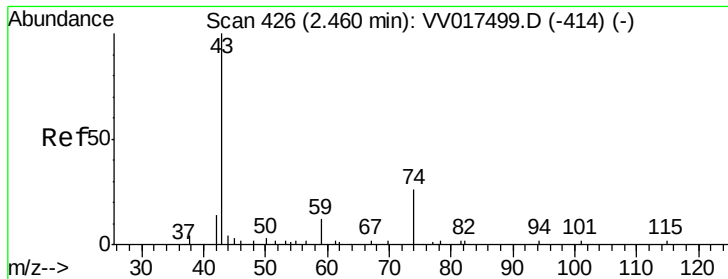
Tgt Ion: 43 Resp: 10396

Ion Ratio Lower Upper

43 100

58 16.2 0.0 33.6

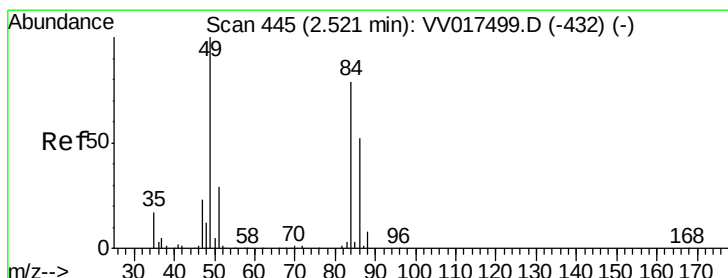
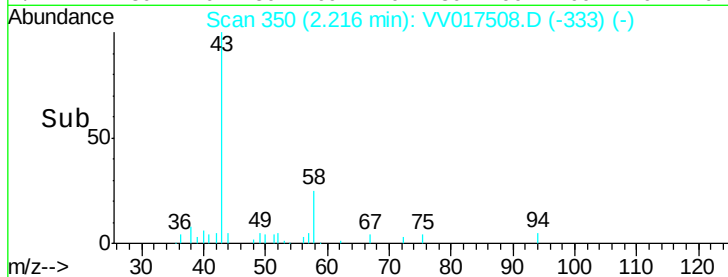
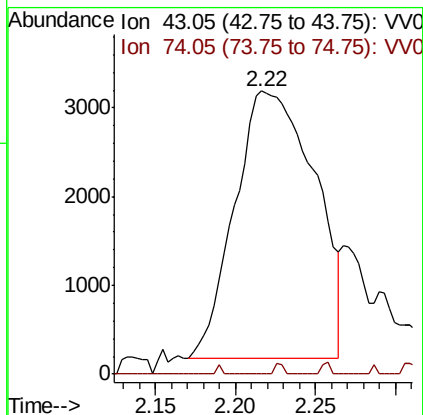
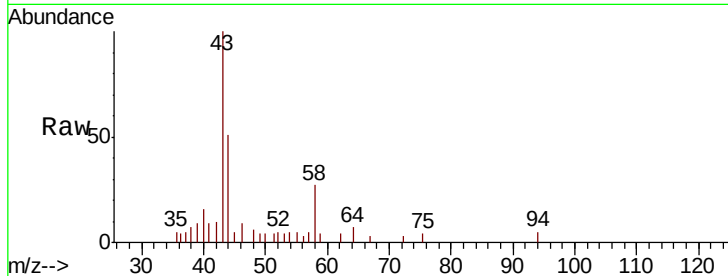




#15
Methvl Acetate
Concen: 4.628 ug/L
RT: 2.22 min Scan# 350
Delta R.T. -0.24 min
Lab File: VV017508.D
Acq: 15 Jul 2020 13:43

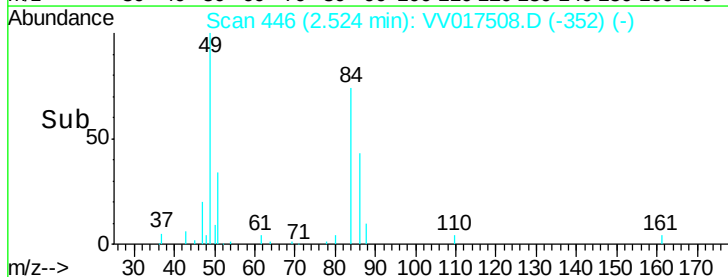
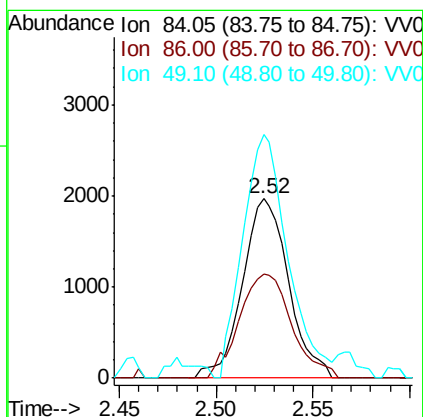
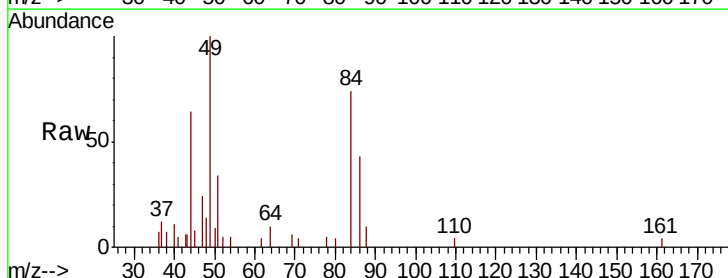
Instrument :
MSVOA_V
ClientSampleId :
GAXX7

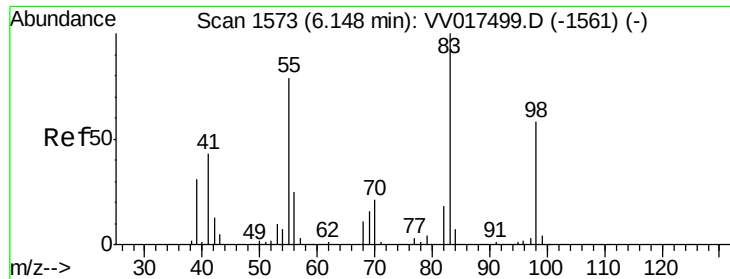
Tot Ion: 43 Resp: 10378
Ion Ratio Lower Upper
43 100
74 0.4 20.5 30.7#



#16
Methylene chloride
Concen: 0.337 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV017508.D
Acq: 15 Jul 2020 13:43

Tgt Ion: 84 Resp: 3272
Ion Ratio Lower Upper
84 100
86 58.1 45.5 84.5
49 135.7 84.6 157.0

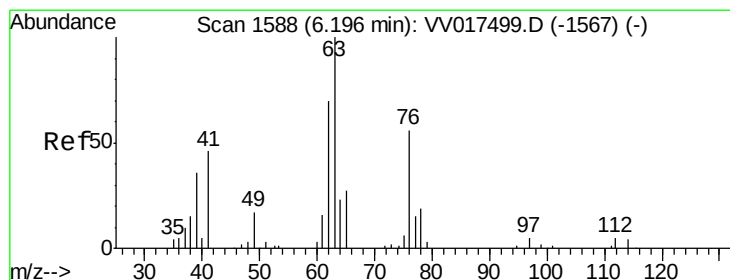
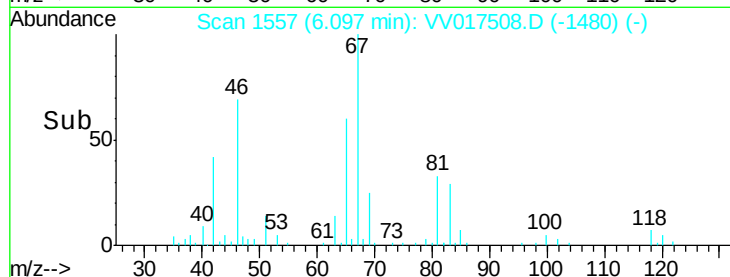
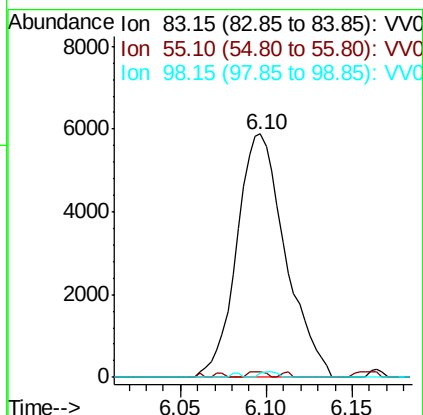
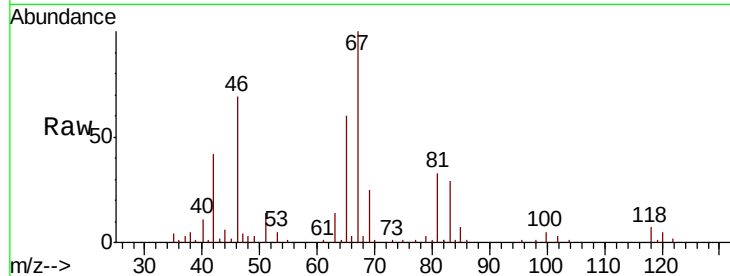




#35
Methvlcvclohexane
Concen: 0.753 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017508.D
Acq: 15 Jul 2020 13:43

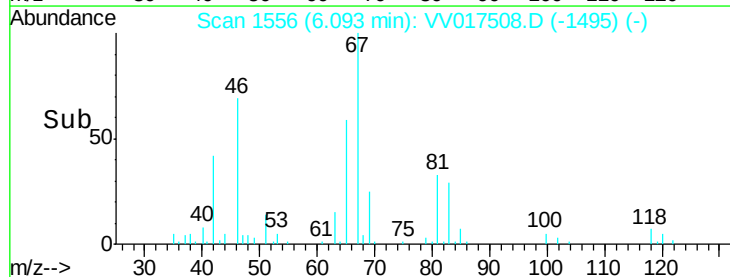
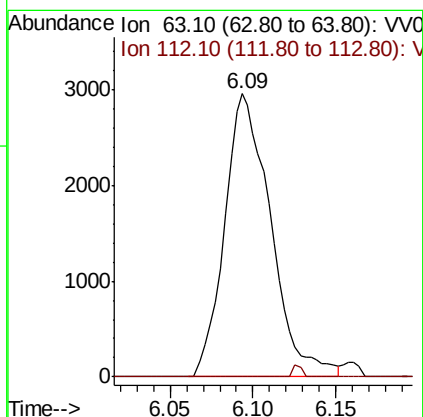
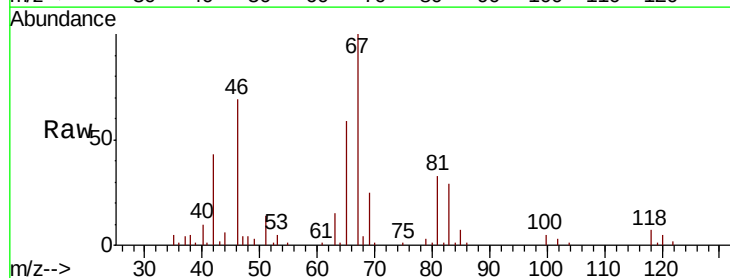
Instrument :
MSVOA_V
ClientSampleId :
GAXX7

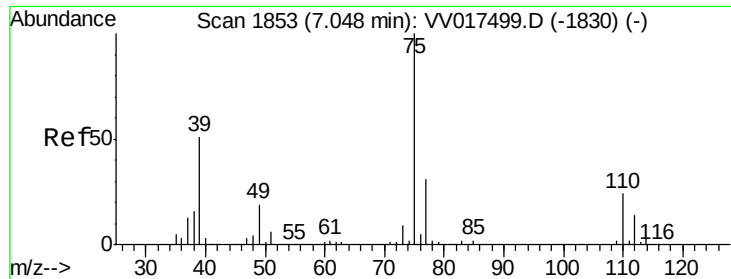
Tot Ion	83.15	Resp	11572
Ion	Ratio	Lower	Upper
83	100		
55	0.8	62.0	93.0#
98	0.0	41.4	62.2#



#37
1,2-Dichloropropane
Concen: 0.721 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV017508.D
Acq: 15 Jul 2020 13:43

Tgt Ion	63	Resp	5712
Ion	Ratio	Lower	Upper
63	100		
112	0.8	4.4	6.6#

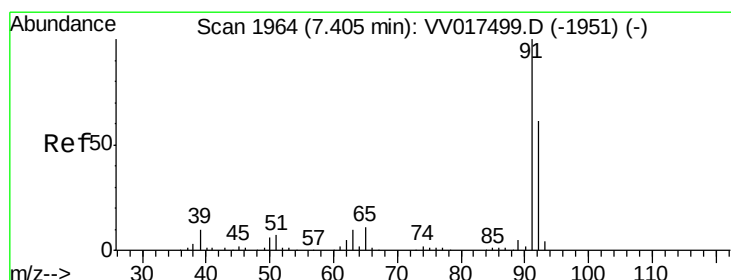
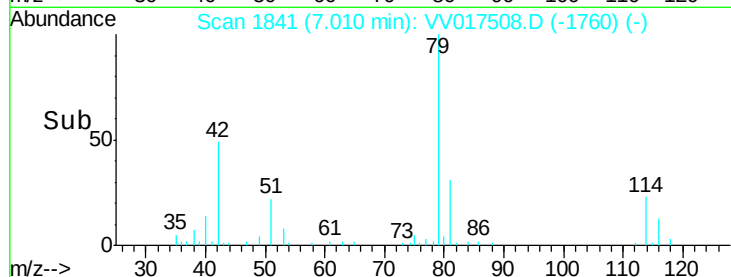
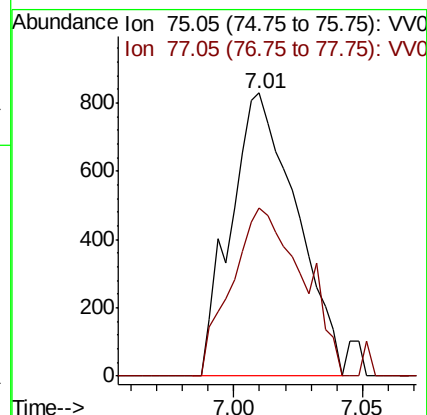
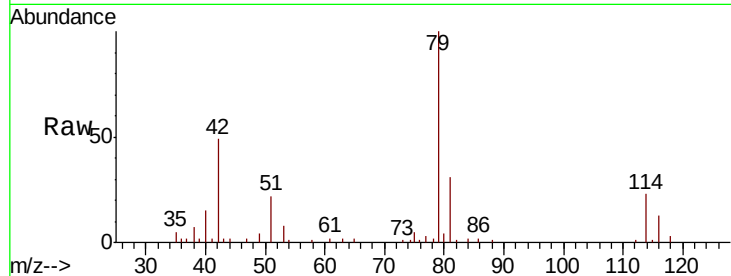




#39
 cis-1,3-Dichloropropene
 Concen: 0.116 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV017508.D
 Acq: 15 Jul 2020 13:43

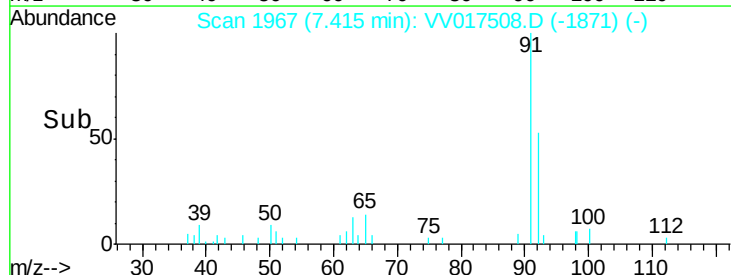
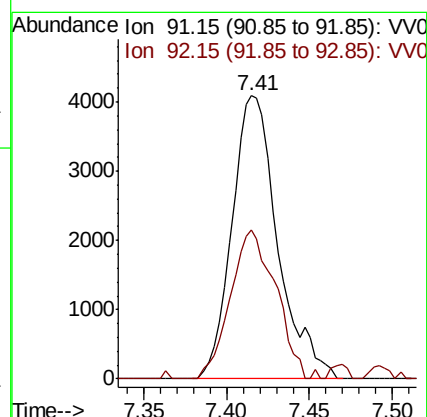
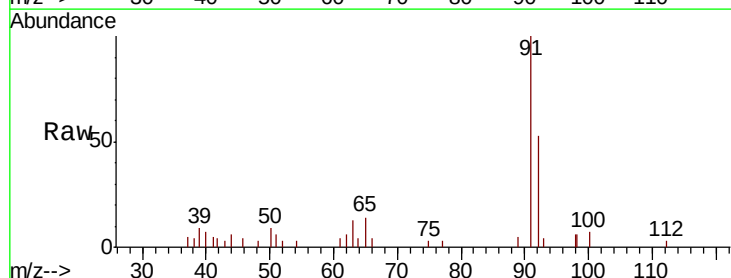
Instrument :
 MSVOA_V
 ClientSampleId :
 GAXX7

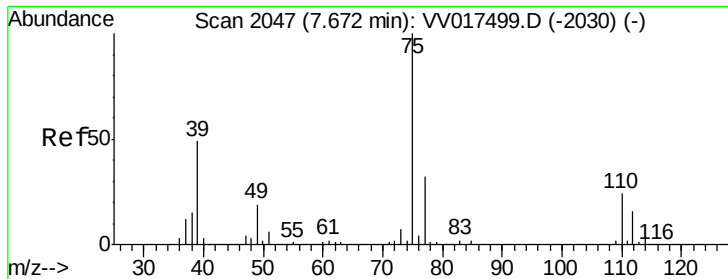
Tot Ion: 75 Resp: 1476
 Ion Ratio Lower Upper
 75 100
 77 59.6 22.3 41.5#



#42
 Toluene
 Concen: 0.208 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: VV017508.D
 Acq: 15 Jul 2020 13:43

Tgt Ion: 91 Resp: 7842
 Ion Ratio Lower Upper
 91 100
 92 52.5 40.7 75.5





#46

trans-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017508.D

Acq: 15 Jul 2020 13:43

Instrument :

MSVOA_V

ClientSampleId :

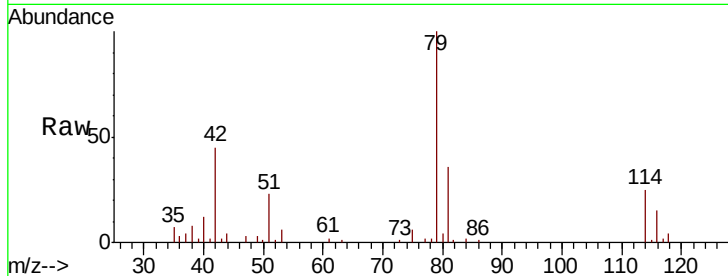
GAXX7

Tot Ion: 75 Resp: 1065

Ion Ratio Lower Upper

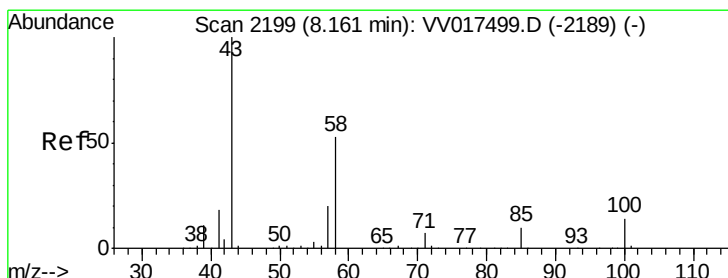
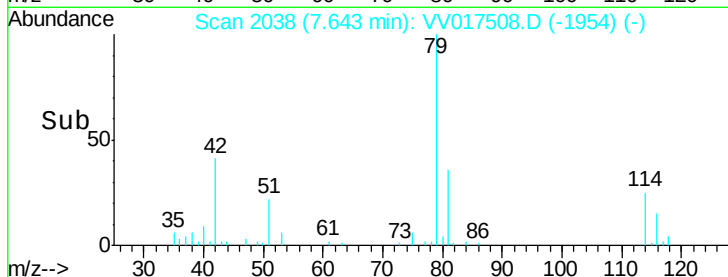
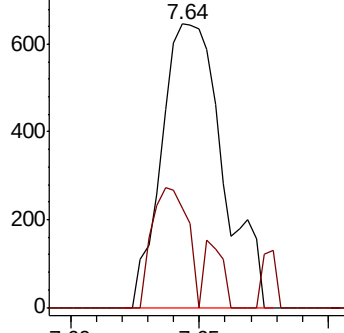
75 100

77 35.0 21.2 39.4



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#50

2-Hexanone

Concen: 2.152 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.00 min

Lab File: VV017508.D

Acq: 15 Jul 2020 13:43

Tgt Ion: 43 Resp: 6621

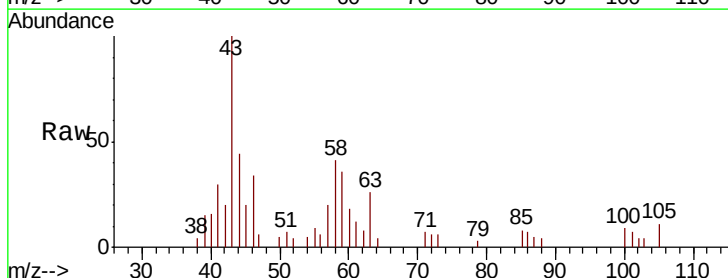
Ion Ratio Lower Upper

43 100

58 53.3 43.0 64.4

57 10.4 16.8 25.2#

100 7.2 11.8 17.6#

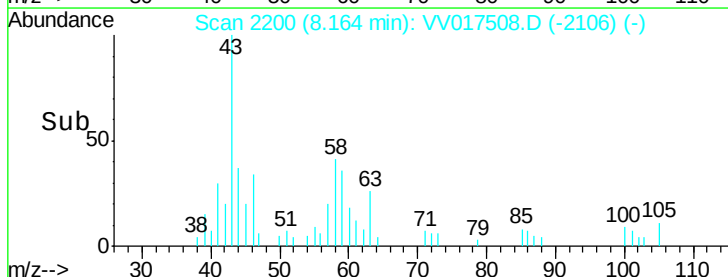
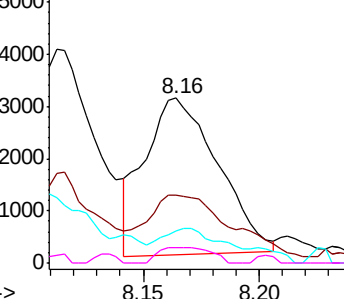


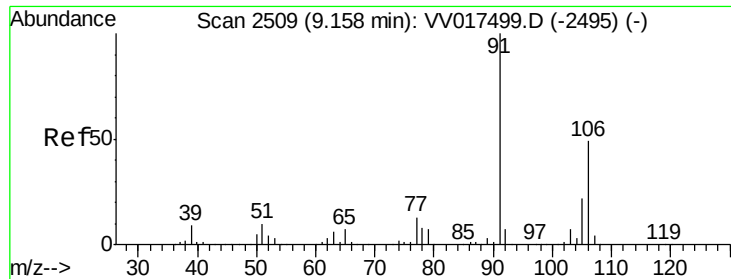
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#55
 m,p-xylene
 Concen: 0.099 ug/L
 RT: 9.16 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: VV017508.D
 Acq: 15 Jul 2020 13:43

Instrument :
 MSVOA_V
 ClientSampleId :
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Tot Ion:106 Resp: 1625
 Ion Ratio Lower Upper
 106 100
 91 196.4 144.2 267.8

