

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017162.D
 Acq On : 26 Jun 2020 06:00
 Operator : SY/MD
 Sample : L3068-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9F45

Quant Time: Jun 26 06:52:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 05:12:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	168648	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	167831	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	78179	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46580	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.58	69	38243	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.13	63	67206	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.93	46	110185	42.71	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.42%
24) Chloroform-d	4.38	84	98952	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.06	65	52837	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.08	84	184471	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.10	67	53543	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.20%
41) Toluene-d8	7.34	98	156498	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
45) trans-1,3-Dichloropropene-	7.64	79	20073	3.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.00%
48) 2-Hexanone-d5	8.11	63	76262	36.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.74%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37418	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	64718	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

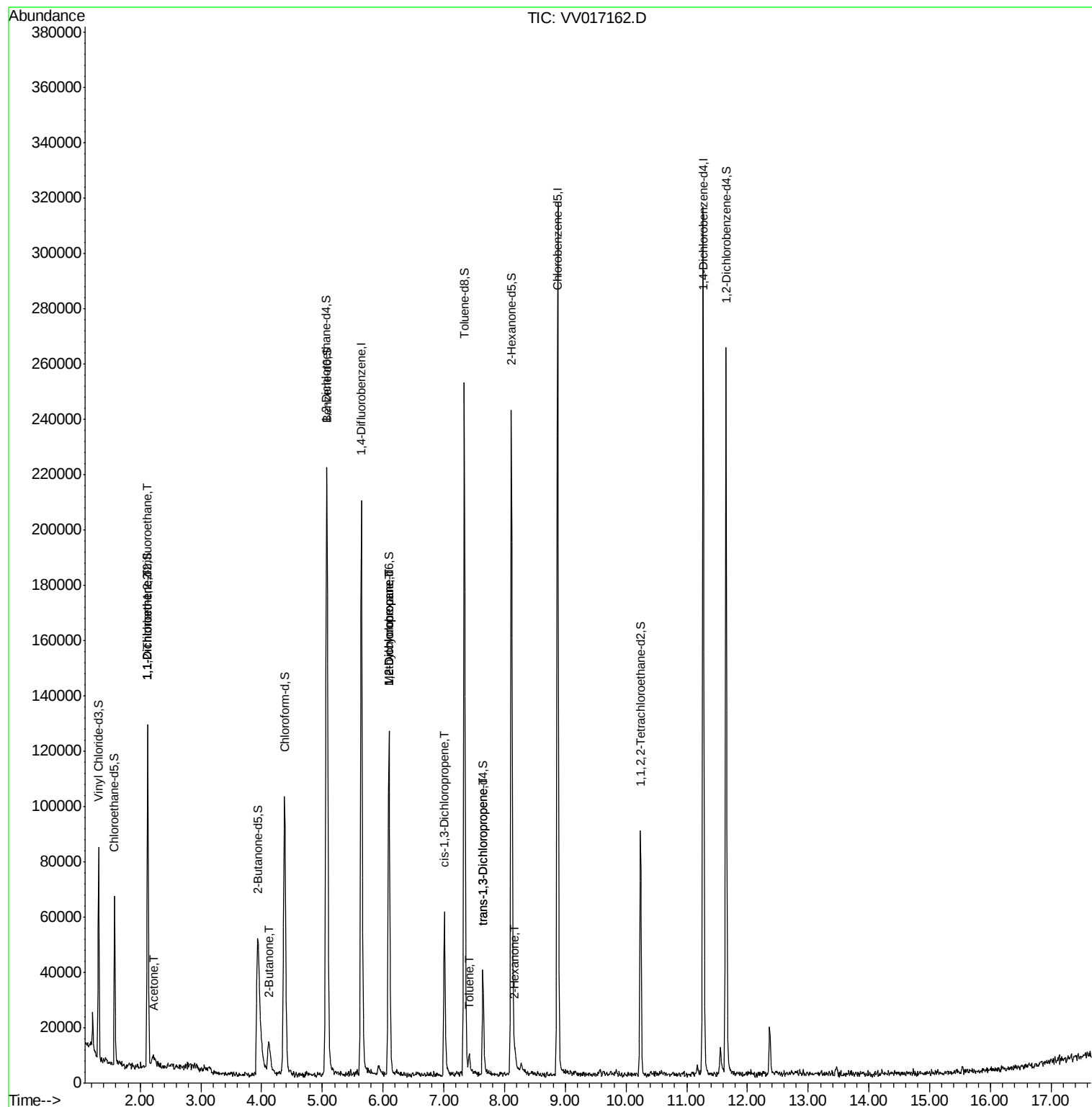
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	695	0.078	ug/L #	24
12) 1,1-Dichloroethene	2.13	96	665	0.082	ug/L #	1
13) Acetone	2.22	43	8139	6.241	ug/L	85
21) 2-Butanone	4.12	43	17308	7.041	ug/L #	53
35) Methylcyclohexane	6.09	83	14414	0.720	ug/L #	19
37) 1,2-Dichloropropane	6.09	63	6655	0.612	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1923	0.119	ug/L	89
42) Toluene	7.41	91	4396	0.086	ug/L	91
46) trans-1,3-Dichloropropene	7.64	75	1242	0.089	ug/L	87
50) 2-Hexanone	8.17	43	3298	0.738	ug/L #	72

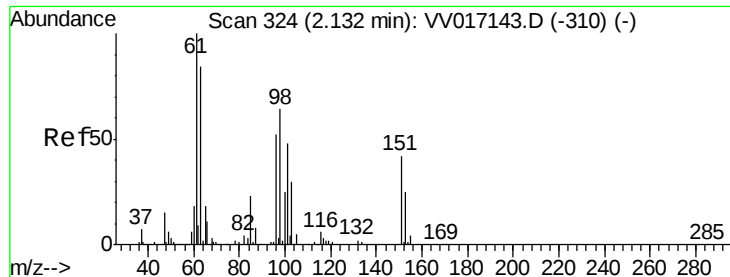
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 26 05:12:03 2020
Response via : Initial Calibration





#10

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

Concen: 0.078 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017162.D

Acq: 26 Jun 2020 06:00

Instrument :

MSVOA_V

ClientSampleId :

F9F45

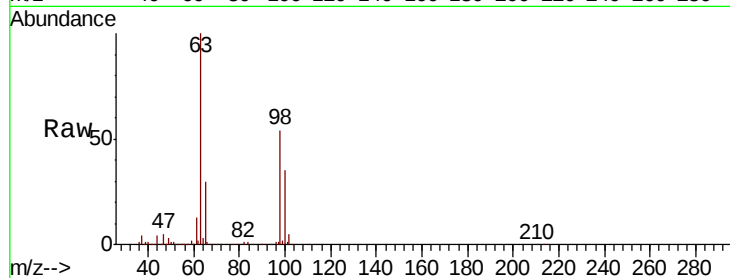
Tot Ion:101 Resp: 695

Ion Ratio Lower Upper

101 100

85 12.8 35.4 53.2#

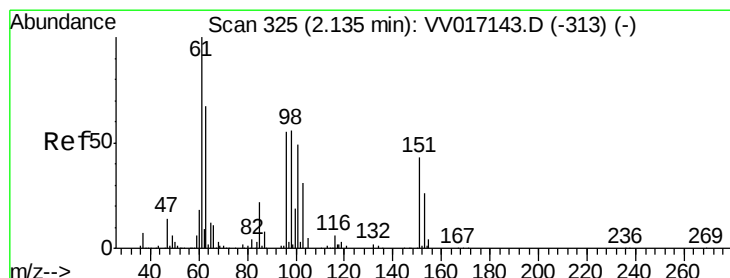
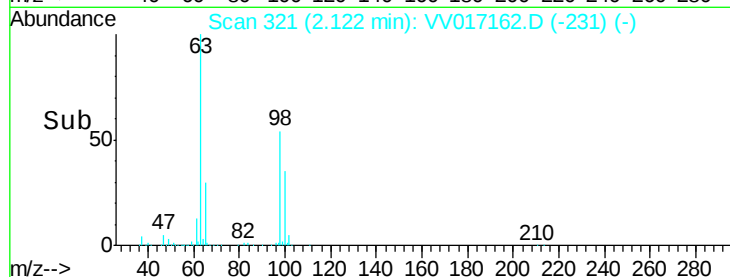
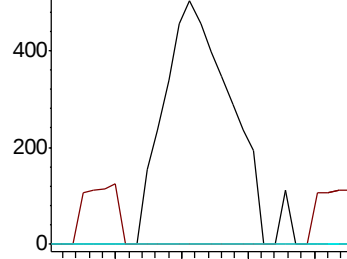
151 0.0 63.9 95.9#



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: 0.082 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017162.D

Acq: 26 Jun 2020 06:00

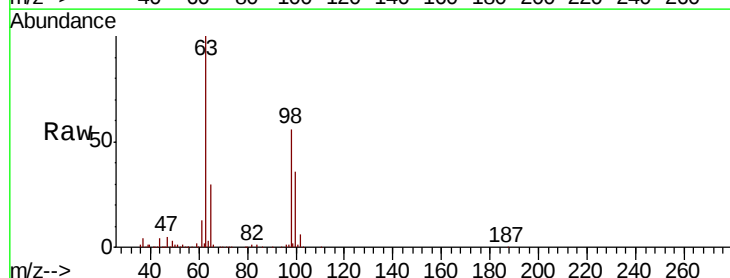
Tgt Ion: 96 Resp: 665

Ion Ratio Lower Upper

96 100

61 1280.1 125.0 232.2#

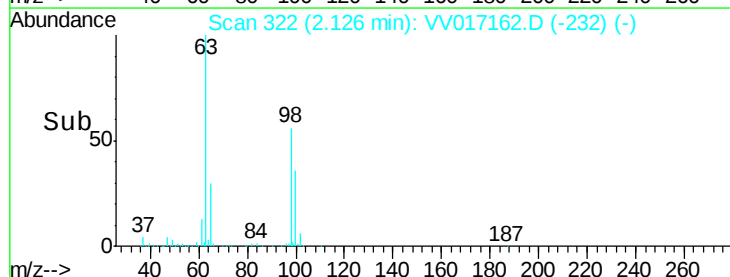
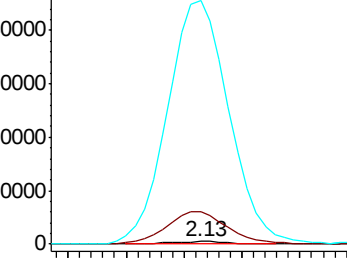
63 9733.3 109.8 203.8#

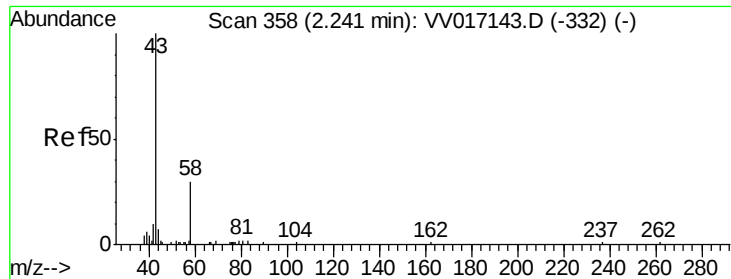


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 6.241 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.02 min

Lab File: VV017162.D

Acq: 26 Jun 2020 06:00

Instrument :

MSVOA_V

ClientSampleId :

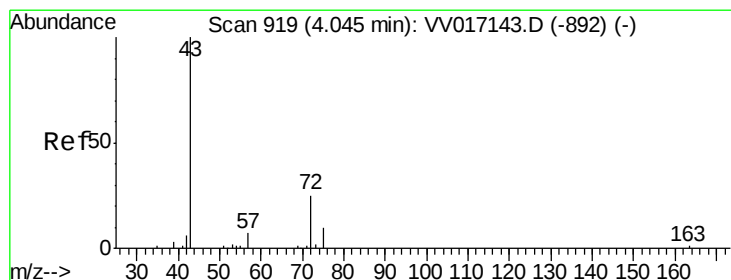
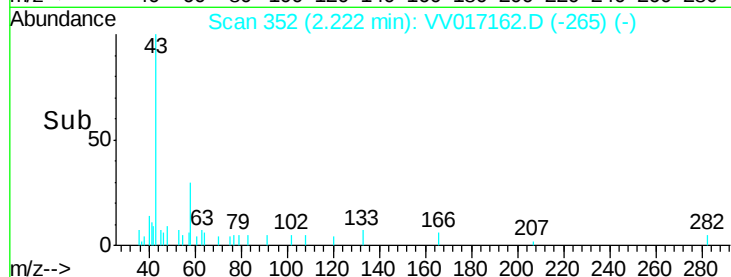
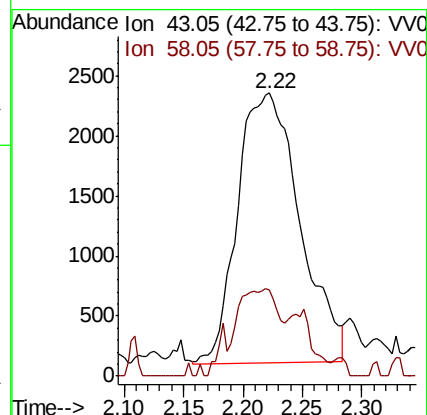
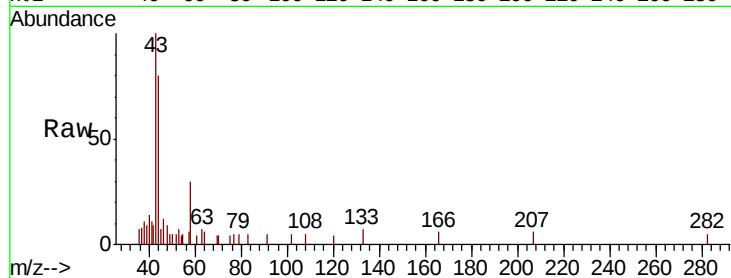
F9F45

Tot Ion: 43 Resp: 8139

Ion Ratio Lower Upper

43 100

58 21.3 0.0 58.4



#21

2-Butanone

Concen: 7.041 ug/L

RT: 4.12 min Scan# 941

Delta R.T. 0.07 min

Lab File: VV017162.D

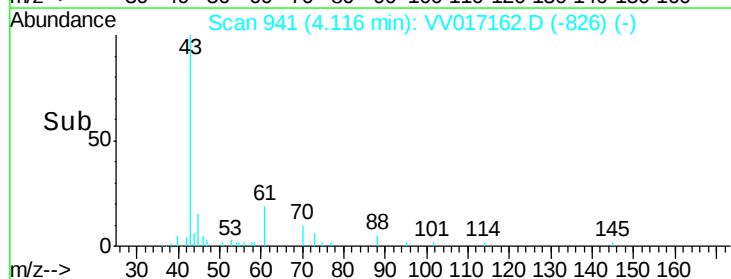
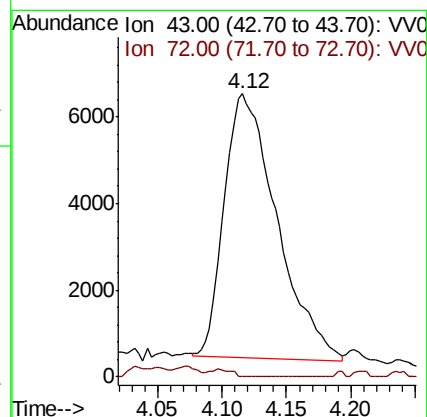
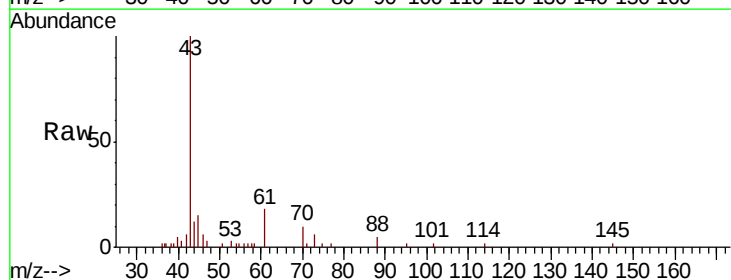
Acq: 26 Jun 2020 06:00

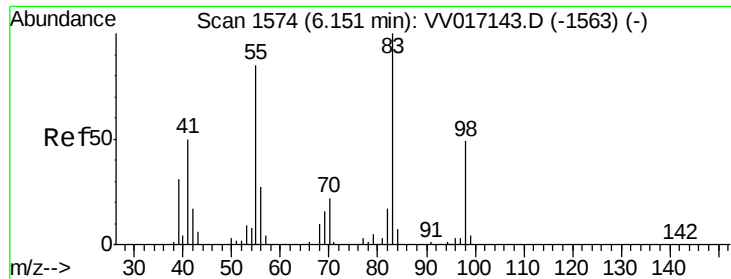
Tgt Ion: 43 Resp: 17308

Ion Ratio Lower Upper

43 100

72 1.1 12.4 37.4#

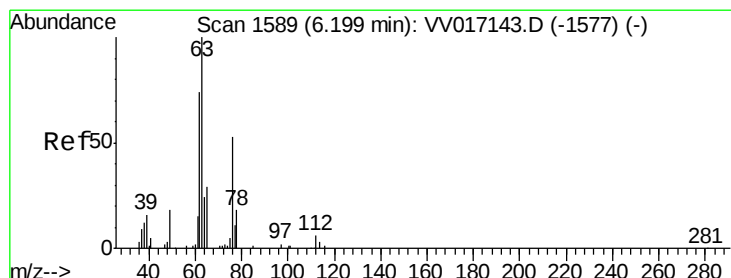
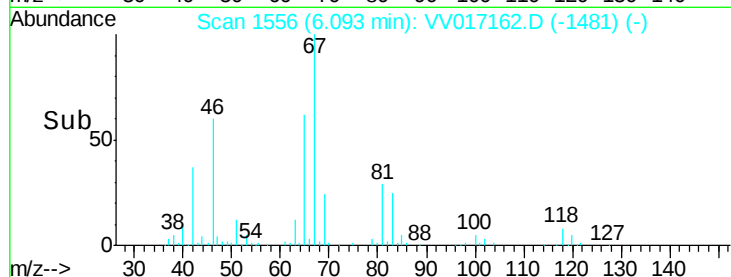
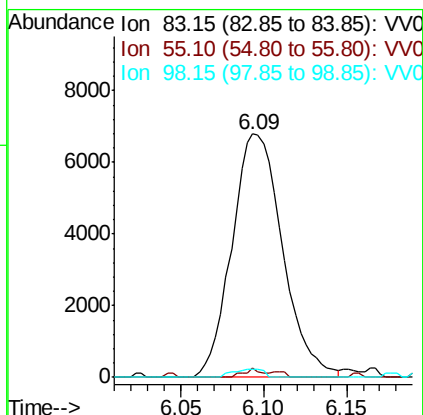
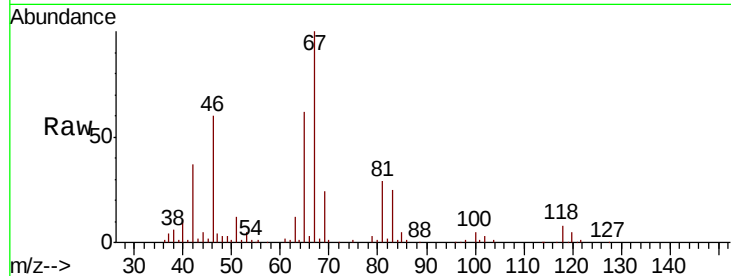




#35
Methvlcvclohexane
Concen: 0.720 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017162.D
Acq: 26 Jun 2020 06:00

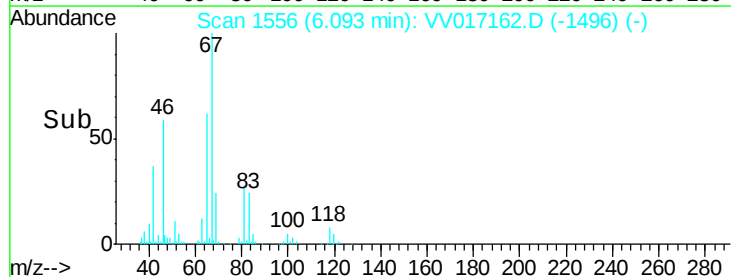
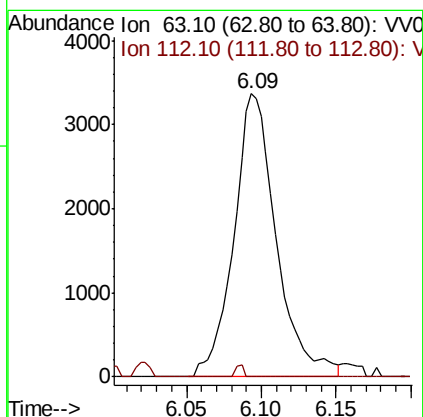
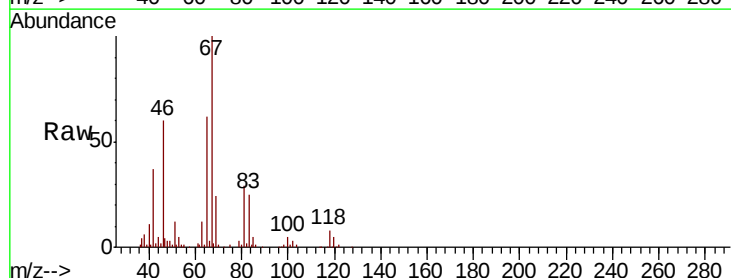
Instrument :
MSVOA_V
ClientSampled :
F9F45

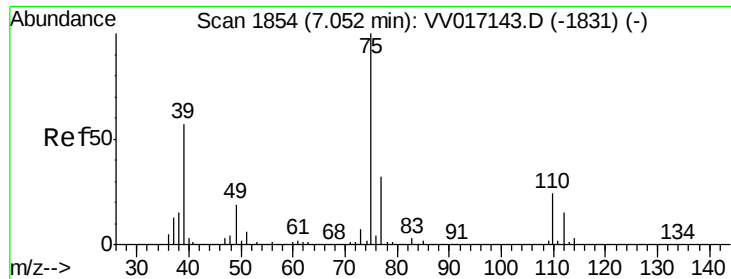
Tot Ion: 83 Resp: 14414
Ion Ratio Lower Upper
83 100
55 1.2 63.6 95.4#
98 2.0 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.612 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.11 min
Lab File: VV017162.D
Acq: 26 Jun 2020 06:00

Tgt Ion: 63 Resp: 6655
Ion Ratio Lower Upper
63 100
112 0.8 4.4 6.6#

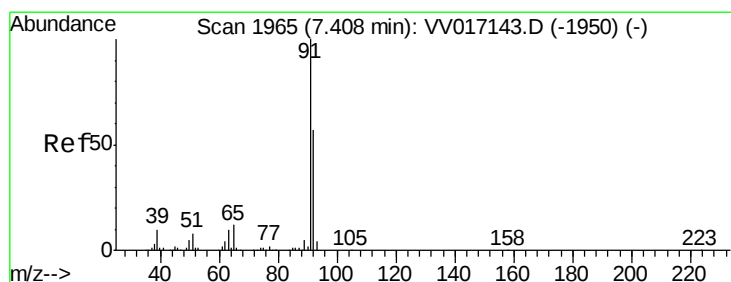
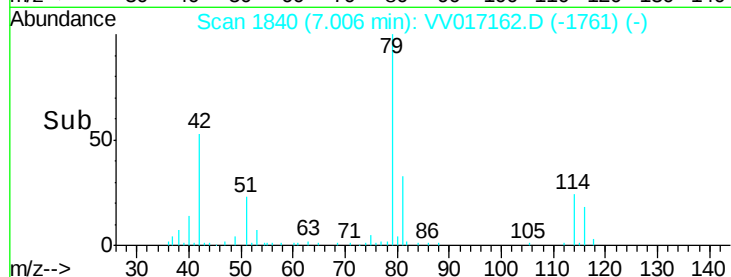
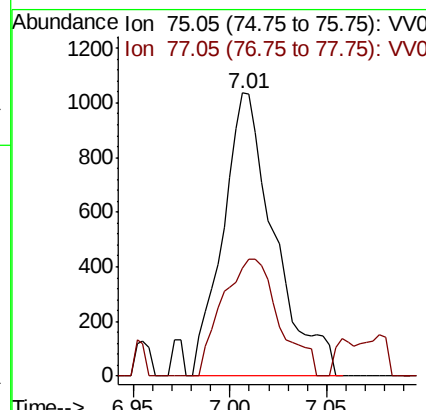
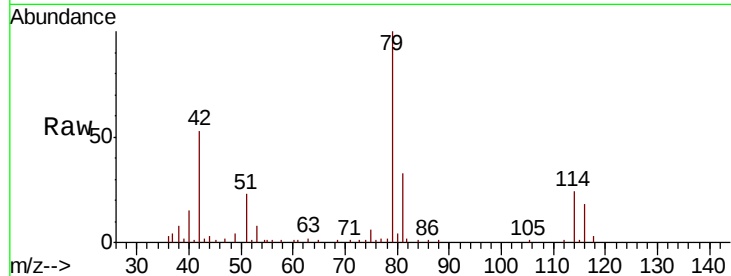




#39
 cis-1,3-Dichloropropene
 Concen: 0.119 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.05 min
 Lab File: VV017162.D
 Acq: 26 Jun 2020 06:00

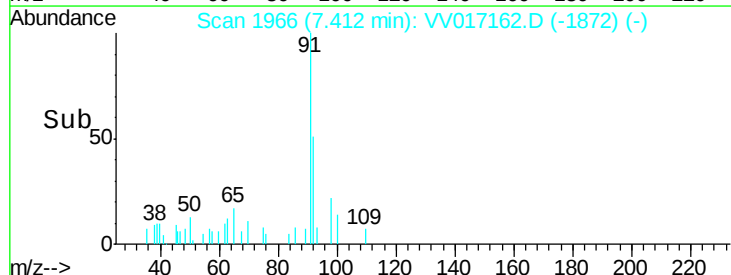
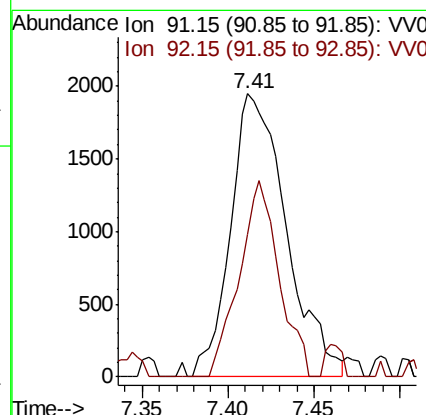
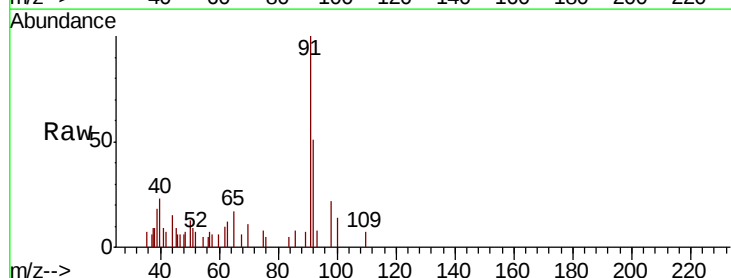
Instrument :
 MSVOA_V
 ClientSampled :
 F9F45

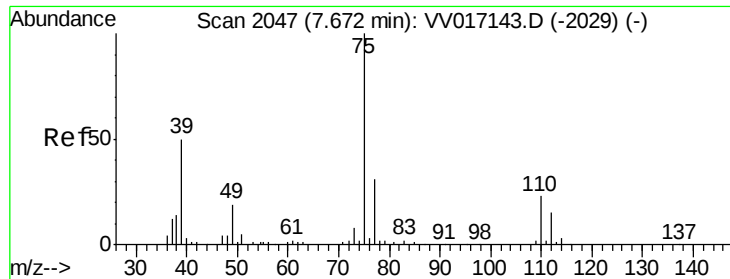
Tot Ion: 75 Resp: 1923
 Ion Ratio Lower Upper
 75 100
 77 38.0 22.3 41.5



#42
 Toluene
 Concen: 0.086 ug/L
 RT: 7.41 min Scan# 1966
 Delta R.T. 0.00 min
 Lab File: VV017162.D
 Acq: 26 Jun 2020 06:00

Tgt Ion: 91 Resp: 4396
 Ion Ratio Lower Upper
 91 100
 92 50.5 39.9 74.1





#46

trans-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017162.D

Acq: 26 Jun 2020 06:00

Instrument :

MSVOA_V

ClientSampled :

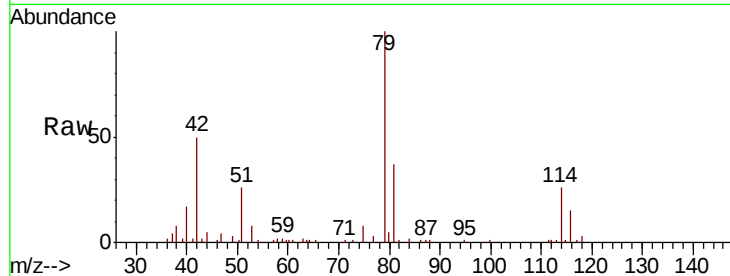
F9F45

Tot Ion: 75 Resp: 1242

Ion Ratio Lower Upper

75 100

77 39.1 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.64

800

600

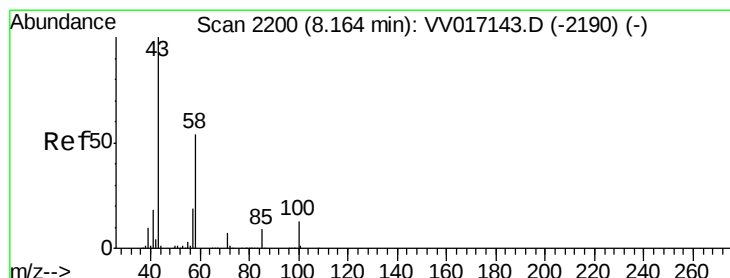
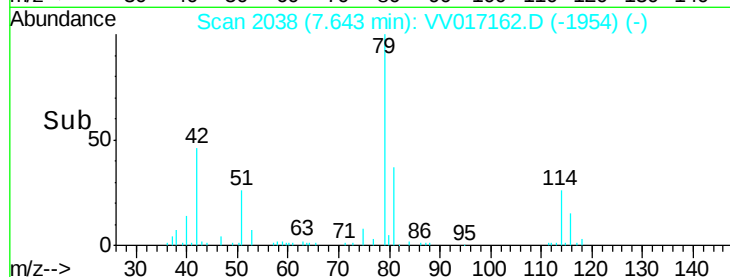
400

200

0

7.60 7.62 7.64 7.66 7.68

Time-->



#50

2-Hexanone

Concen: 0.738 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV017162.D

Acq: 26 Jun 2020 06:00

Tgt Ion: 43 Resp: 3298

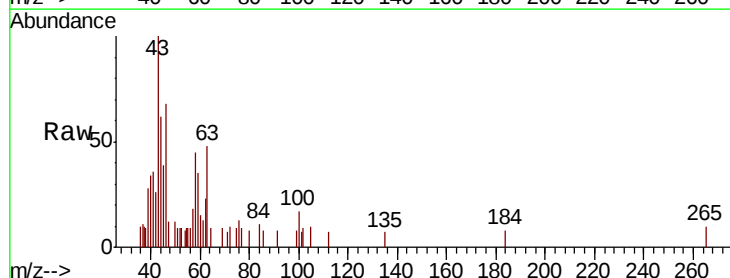
Ion Ratio Lower Upper

43 100

58 28.2 41.6 62.4#

57 8.1 15.4 23.0#

100 8.2 10.1 15.1#



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

10000

8000

6000

4000

2000

0

8.15 8.17 8.20 8.25

Time-->

