

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050620\
 Data File : VV015917.D
 Acq On : 06 May 2020 18:04
 Operator : SY/MD
 Sample : L2527-06
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 07 02:06:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 07 02:01:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	144643	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	138263	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	61833	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43152	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.58	69	40086	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.12	63	65743	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	3.92	46	120521	52.26	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.52%
24) Chloroform-d	4.38	84	89277	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.06	65	54203	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.08	84	181553	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.10	67	55648	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.34	98	164271	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
43) trans-1,3-Dichloropropene-	7.64	79	19403	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.11	63	94096	51.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.40%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	38894	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	61567	5.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.60%

Target Compounds

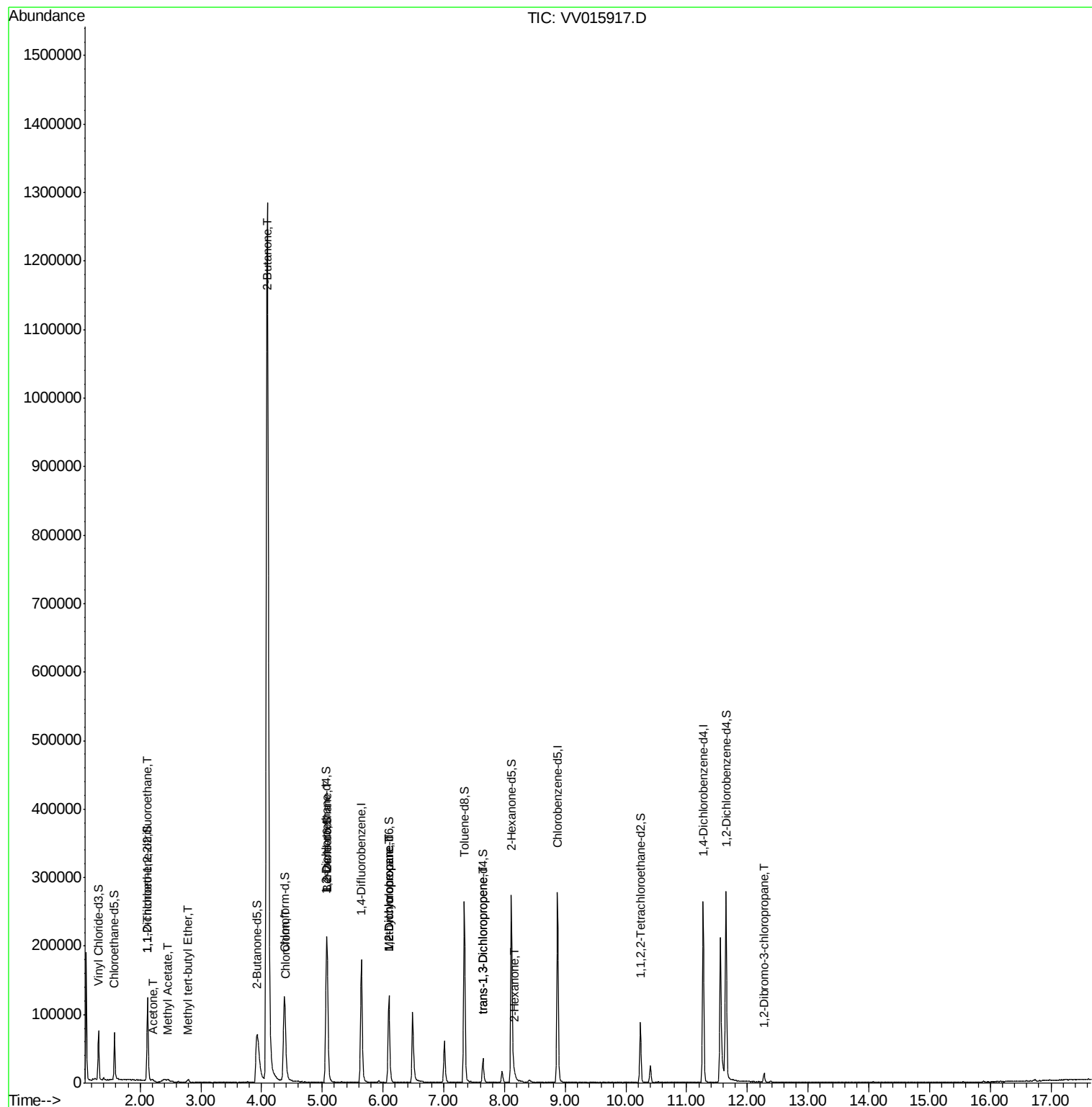
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	714	0.084	ug/L #	20
13) Acetone	2.20	43	7135	5.024	ug/L	81
15) Methyl Acetate	2.45	43	2120	0.642	ug/L #	73
17) Methyl tert-butyl Ether	2.79	73	3140	0.146	ug/L #	67
21) 2-Butanone	4.09	43	2140475	902.138	ug/L #	55
25) Chloroform	4.40	83	5270	0.278	ug/L	98
27) 1,2-Dichloroethane	5.07	62	1328	0.113	ug/L #	76
35) Methylcyclohexane	6.10	83	14166	0.878	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	7085	0.782	ug/L #	87
44) trans-1,3-Dichloropropene	7.64	75	1042	0.097	ug/L #	79
48) 2-Hexanone	8.16	43	4106	1.017	ug/L #	94
66) 1,2-Dibromo-3-chloropropan	12.28	75	592	0.538	ug/L #	6

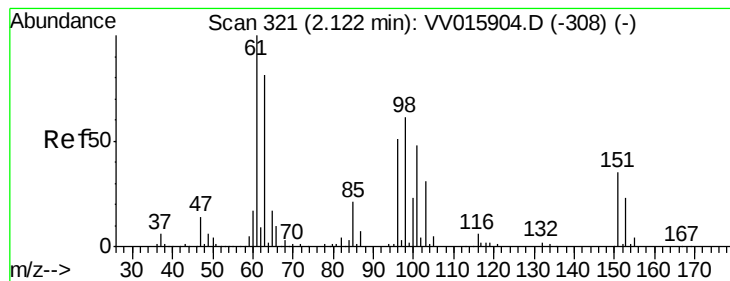
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#10

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

Concen: 0.084 ug/L

RT: 2.13 min Scan# 322

Delta R.T. 0.00 min

Lab File: VV015917.D

Acq: 06 May 2020 18:04

Instrument :

MSVOA_V

ClientSampleId :

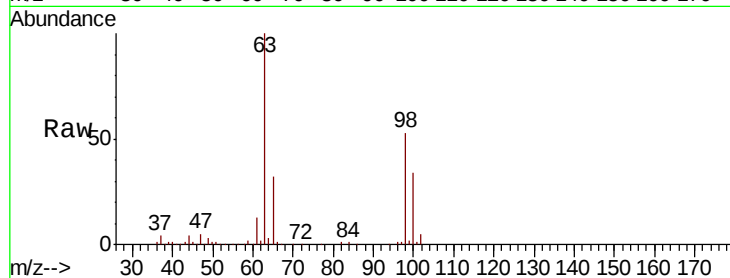
Tot Ion:101 Resp: 714

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

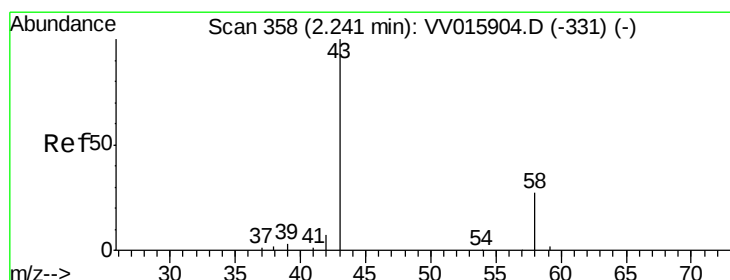
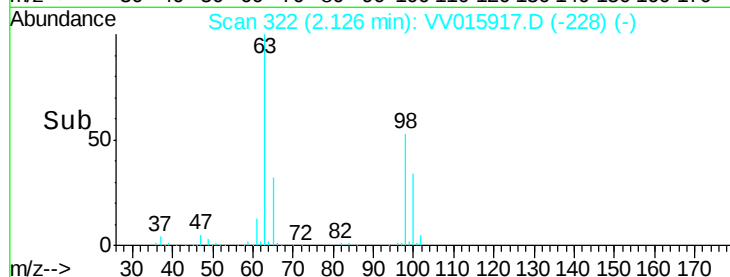
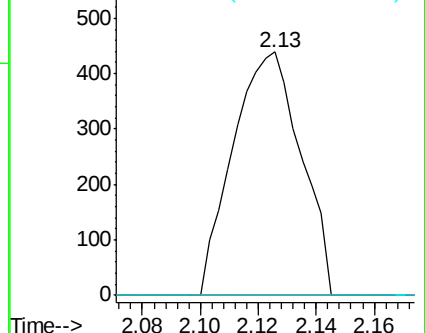
151 0.0 58.0 87.0#



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



#13

Acetone

Concen: 5.024 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.04 min

Lab File: VV015917.D

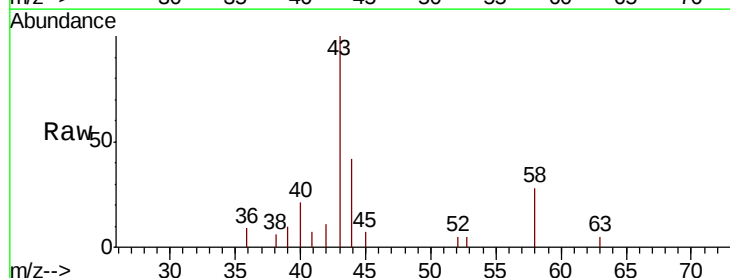
Acq: 06 May 2020 18:04

Tgt Ion: 43 Resp: 7135

Ion Ratio Lower Upper

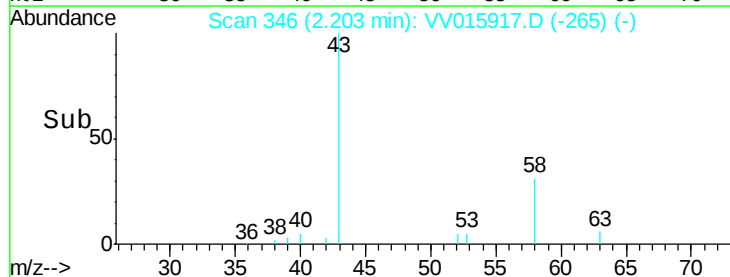
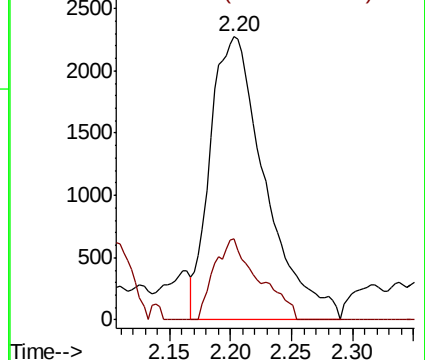
43 100

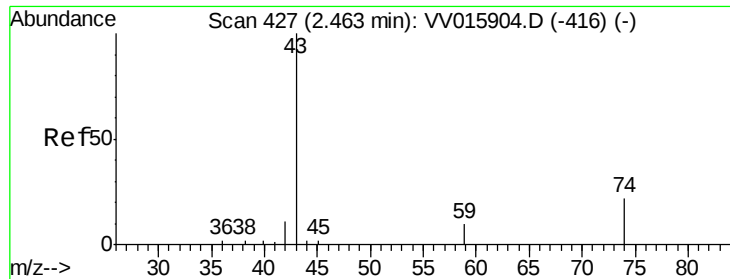
58 23.3 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

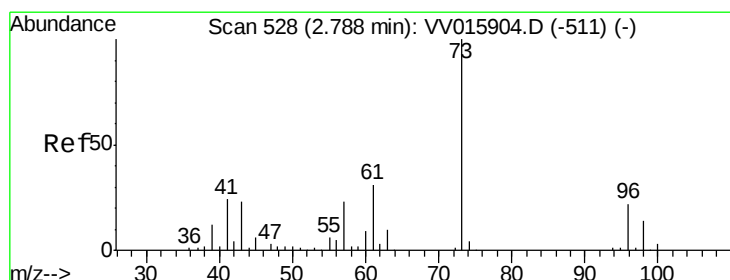
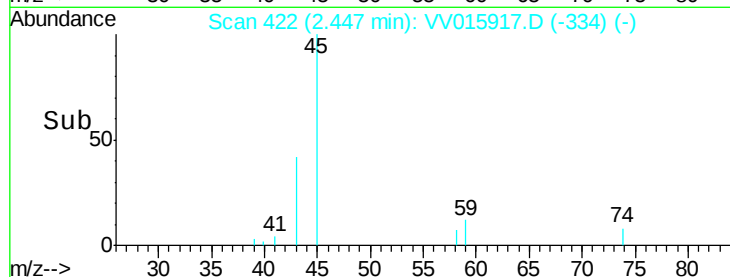
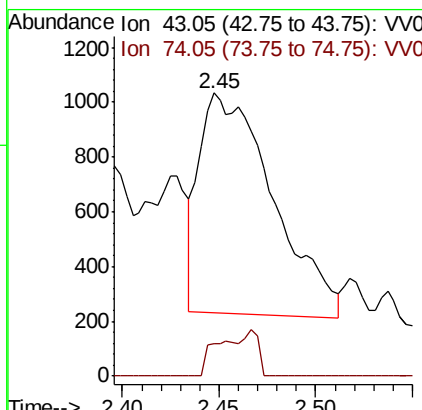
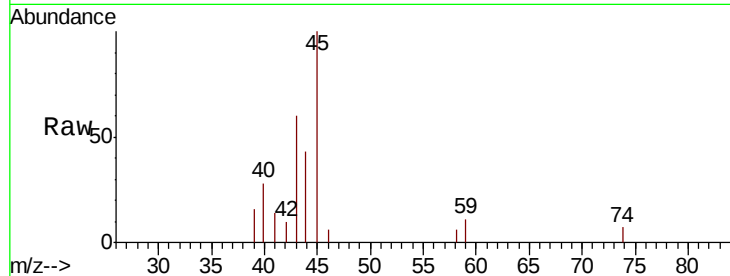




#15
Methyl Acetate
Concen: 0.642 ug/L
RT: 2.45 min Scan# 422
Delta R.T. -0.02 min
Lab File: VV015917.D
Acq: 06 May 2020 18:04

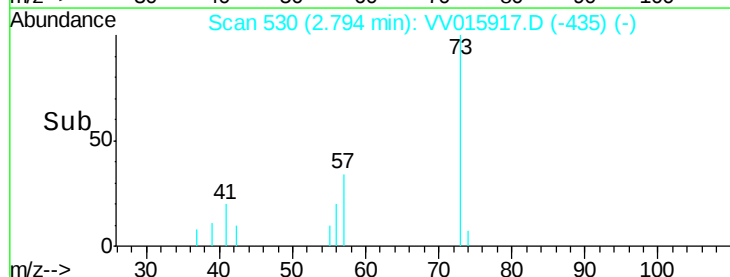
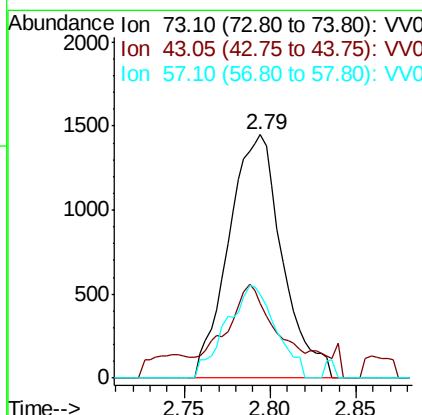
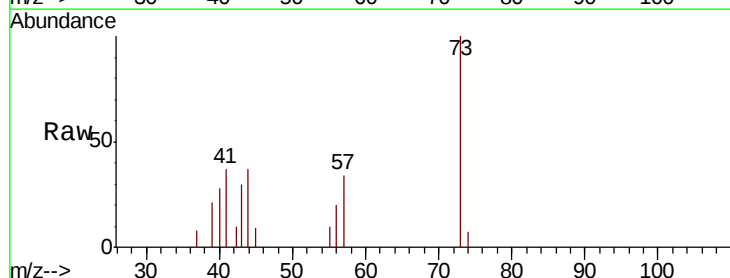
Instrument :
MSVOA_V
ClientSampleId :

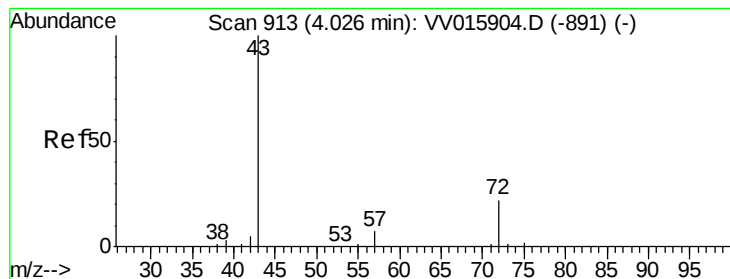
Tot Ion: 43 Resp: 2120
Ion Ratio Lower Upper
43 100
74 10.7 19.2 28.8#



#17
Methyl tert-butyl Ether
Concen: 0.146 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.01 min
Lab File: VV015917.D
Acq: 06 May 2020 18:04

Tgt Ion: 73 Resp: 3140
Ion Ratio Lower Upper
73 100
43 42.8 18.8 28.2#
57 35.2 17.8 26.6#





#21

2-Butanone

Concen: 902.138 ug/L

RT: 4.09 min Scan# 934

Delta R.T. 0.07 min

Lab File: VV015917.D

Acq: 06 May 2020 18:04

Instrument :

MSVOA_V

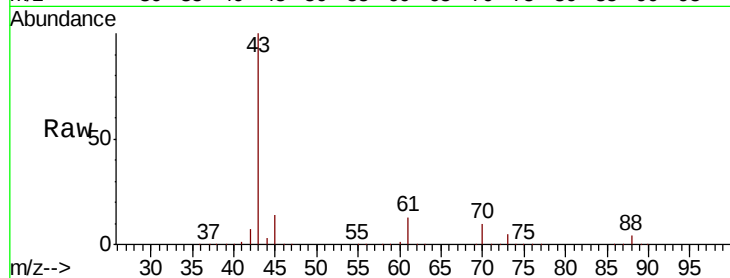
ClientSampleId :

Tot Ion: 43 Resp: 2140475

Ion Ratio Lower Upper

43 100

72 0.1 10.5 31.5#



Abundance Ion 43.00 (42.70 to 43.70): VV015917.D (-934) (-)

Ion 72.00 (71.70 to 72.70): VV015917.D (-934) (-)

800000

600000

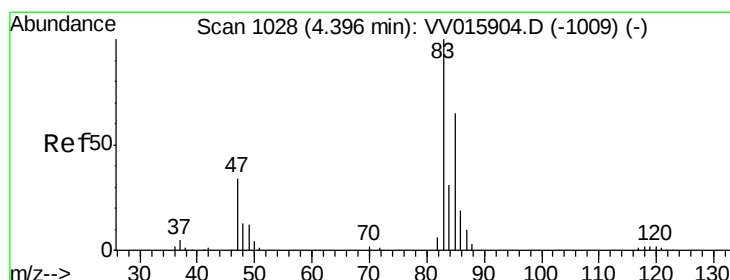
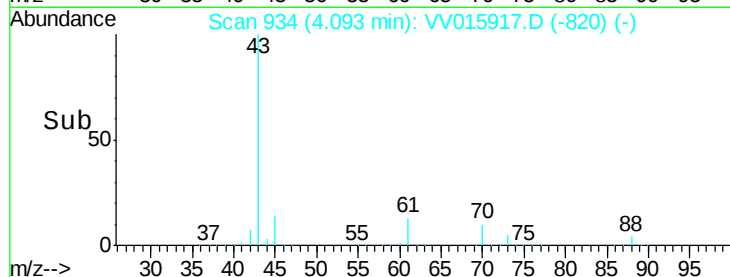
400000

200000

0

4.00 4.20 4.40

Time-->



#25

Chloroform

Concen: 0.278 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VV015917.D

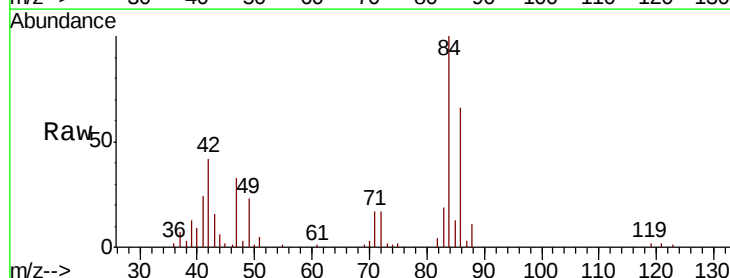
Acq: 06 May 2020 18:04

Tgt Ion: 83 Resp: 5270

Ion Ratio Lower Upper

83 100

85 67.1 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV015917.D (-1030) (-)

Ion 85.00 (84.70 to 85.70): VV015917.D (-1030) (-)

2500

2000

1500

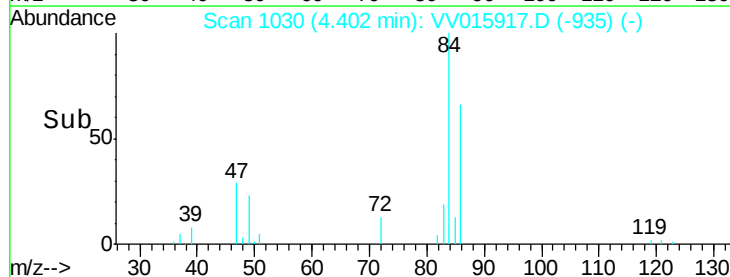
1000

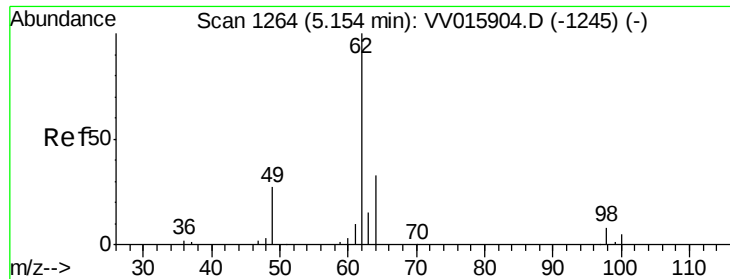
500

0

4.35 4.40 4.45

Time-->

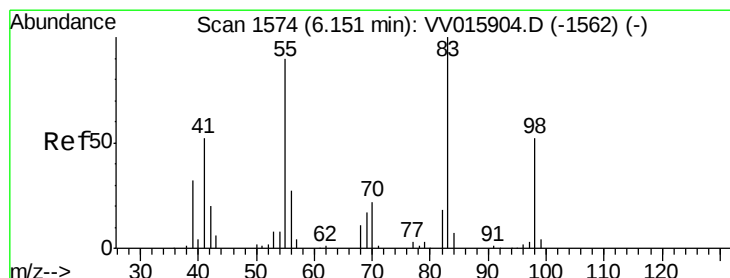
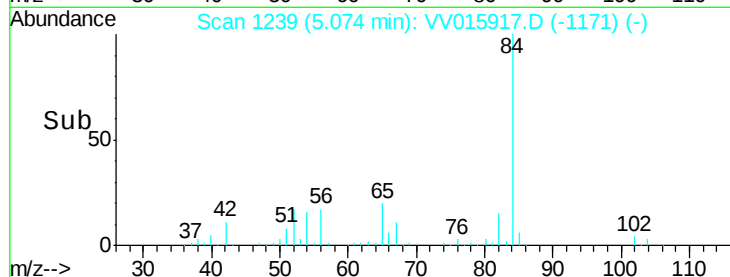
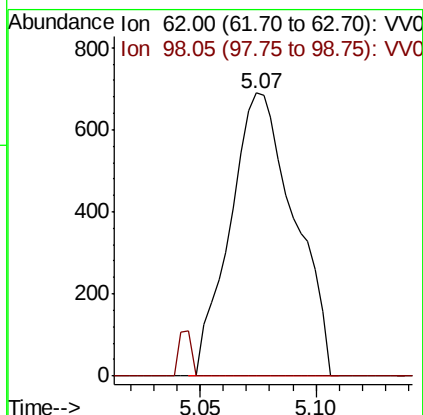
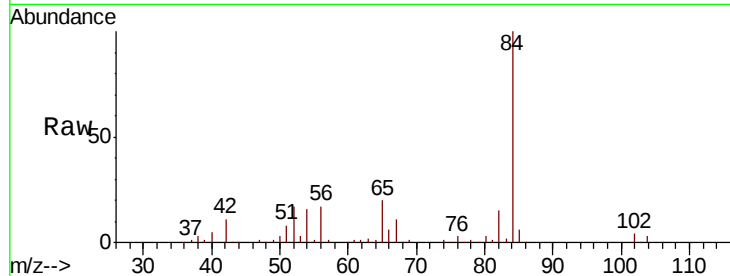




#27
 1,2-Dichloroethane
 Concen: 0.113 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV015917.D
 Acq: 06 May 2020 18:04

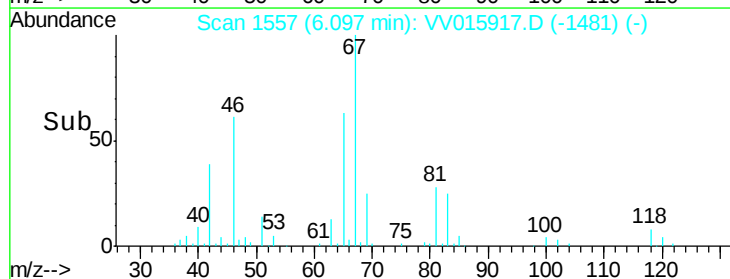
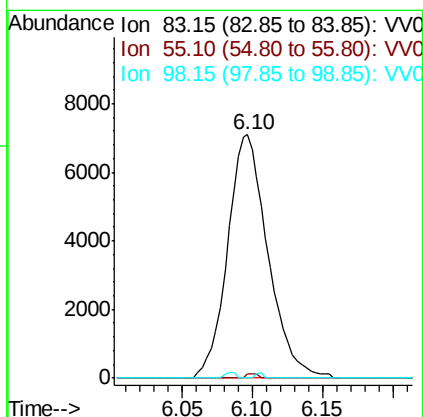
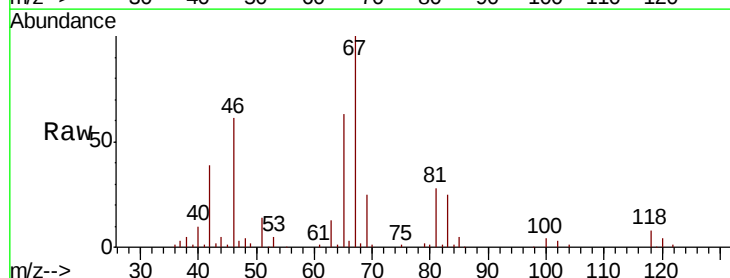
Instrument :
 MSVOA_V
 ClientSampleId :

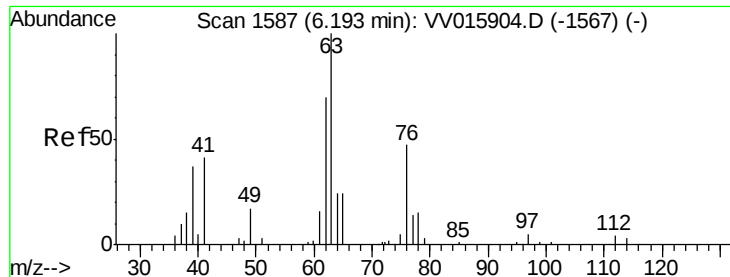
Tot Ion: 62 Resp: 1328
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.7 10.1#



#35
 Methylcyclohexane
 Concen: 0.878 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV015917.D
 Acq: 06 May 2020 18:04

Tgt Ion: 83 Resp: 14166
 Ion Ratio Lower Upper
 83 100
 55 0.5 66.2 99.2#
 98 0.4 37.9 56.9#

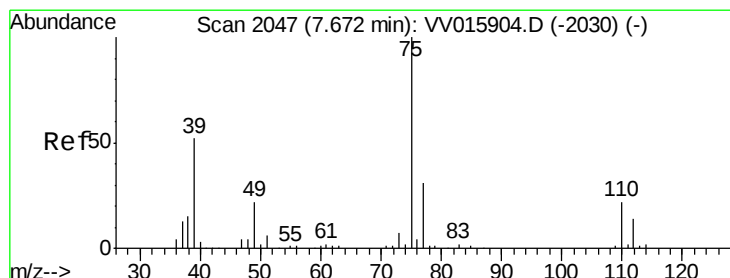
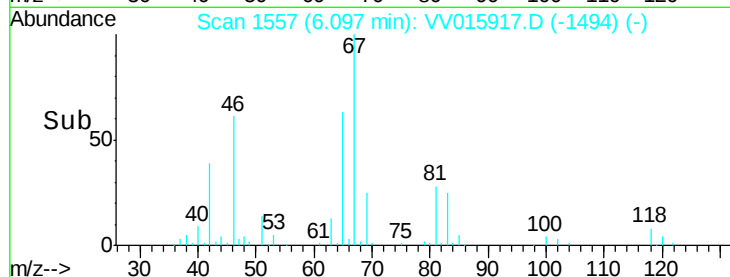
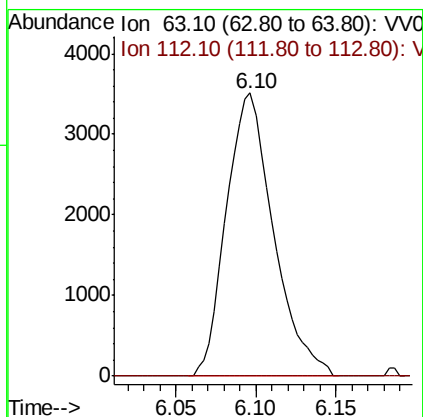
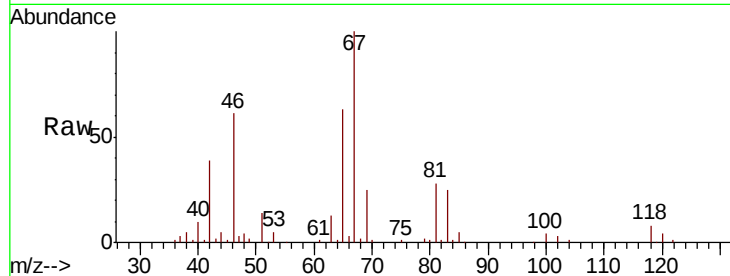




#37
 1,2-Dichloropropane
 Concen: 0.782 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015917.D
 Acq: 06 May 2020 18:04

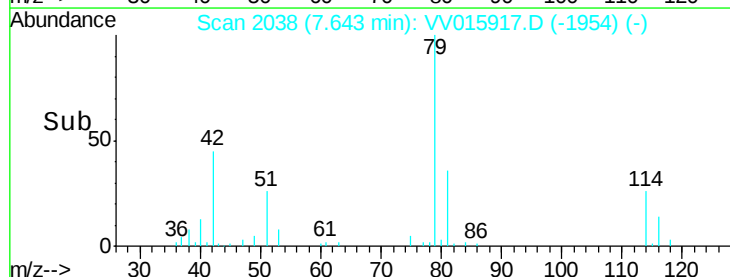
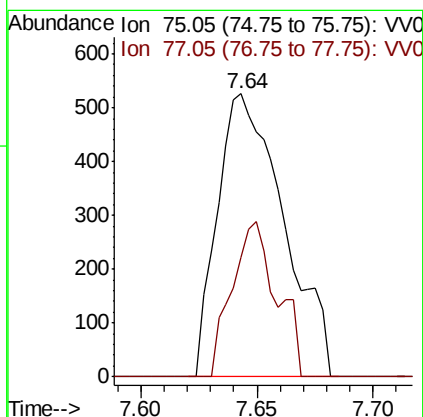
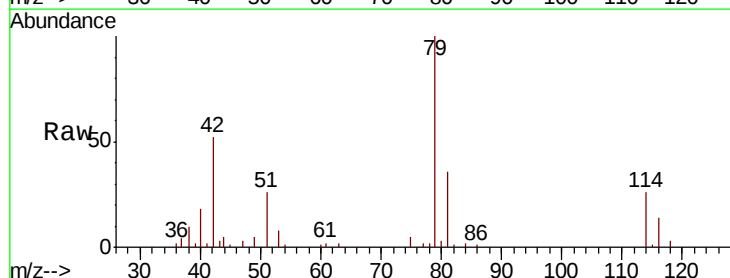
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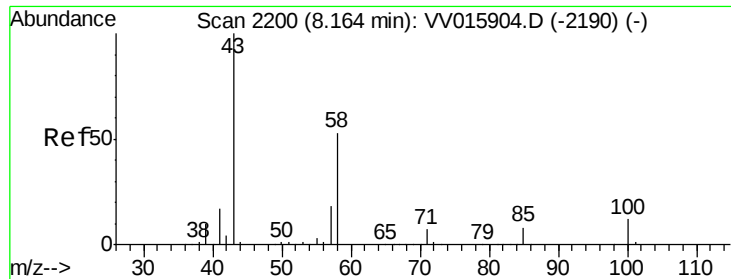
Tot Ion: 63 Resp: 7085
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV015917.D
 Acq: 06 May 2020 18:04

Tgt Ion: 75 Resp: 1042
 Ion Ratio Lower Upper
 75 100
 77 42.2 21.3 39.6#

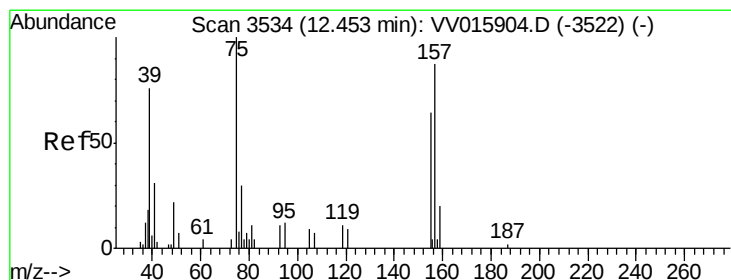
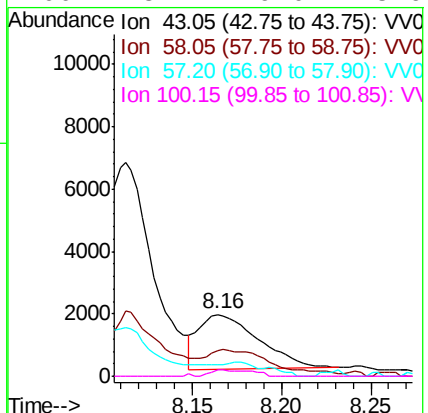
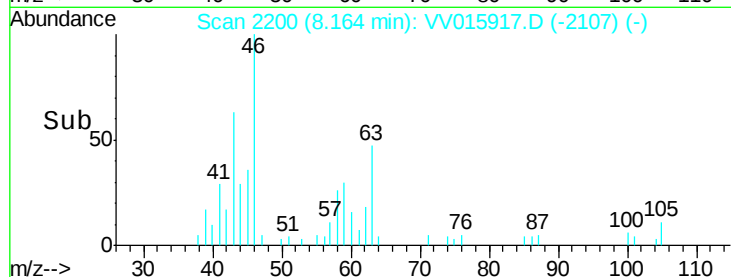
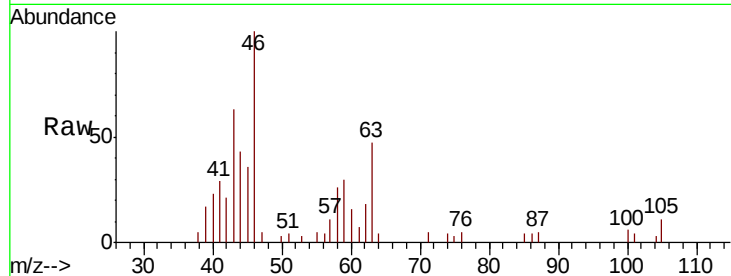




#48
 2-Hexanone
 Concen: 1.017 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: VV015917.D
 Acq: 06 May 2020 18:04

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 43 Resp: 4106
 Ion Ratio Lower Upper
 43 100
 58 54.6 40.8 61.2
 57 16.7 14.7 22.1
 100 5.2 9.0 13.6#



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.538 ug/L
 RT: 12.28 min Scan# 3480
 Delta R.T. -0.17 min
 Lab File: VV015917.D
 Acq: 06 May 2020 18:04

Tgt Ion: 75 Resp: 592
 Ion Ratio Lower Upper
 75 100
 155 0.0 58.2 87.4#
 157 0.0 79.4 119.2#

