

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017058.D
 Acq On : 23 Jun 2020 16:10
 Operator : SY/MD
 Sample : L3067-09DL2 1000X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXH6DL2

Quant Time: Jun 24 05:06:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 24 05:01:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	172082	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	167603	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	79917	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43575	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.58	69	35402	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.12	63	66783	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	3.93	46	127493	48.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.88%
24) Chloroform-d	4.38	84	97767	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.06	65	57684	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.07	84	202141	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.09	67	60960	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.34	98	183216	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
45) trans-1,3-Dichloropropene-	7.64	79	23466	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
48) 2-Hexanone-d5	8.11	63	78810	38.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.30%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40002	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	72331	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

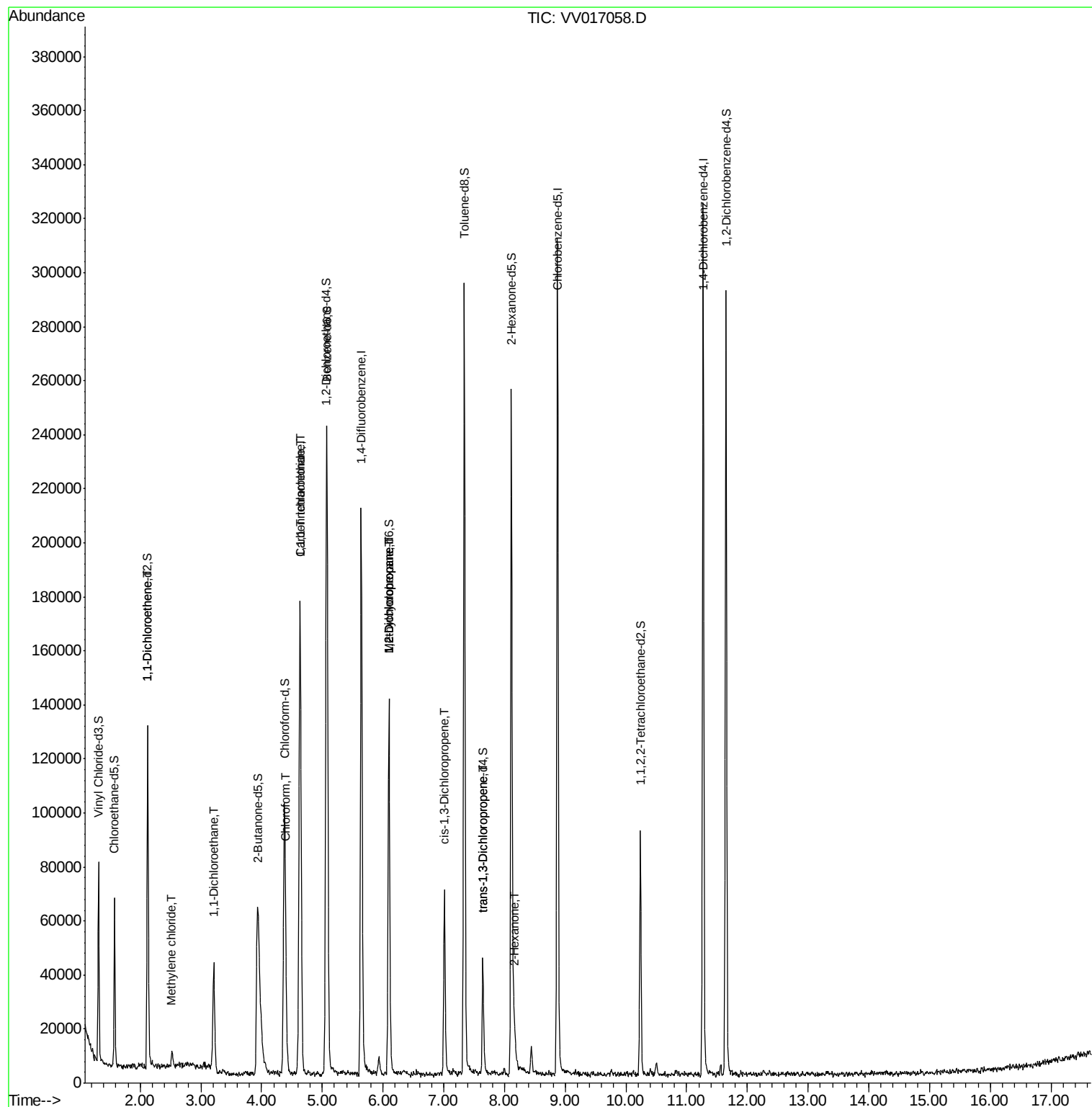
					Ovalue
12) 1,1-Dichloroethene	2.13	96	2777	0.336 ug/L #	1
16) Methylene chloride	2.52	84	2497	0.282 ug/L	93
19) 1,1-Dichloroethane	3.21	63	39129	1.990 ug/L	99
25) Chloroform	4.40	83	11676	0.544 ug/L	94
29) 1,1,1-Trichloroethane	4.63	97	140991	7.021 ug/L	97
31) Carbon tetrachloride	4.63	117	17847	0.985 ug/L	99
35) Methylcyclohexane	6.10	83	16488	0.825 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	7575	0.697 ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	2025	0.125 ug/L	83
46) trans-1,3-Dichloropropene	7.65	75	1348	0.097 ug/L #	53
50) 2-Hexanone	8.17	43	9152	2.050 ug/L #	90

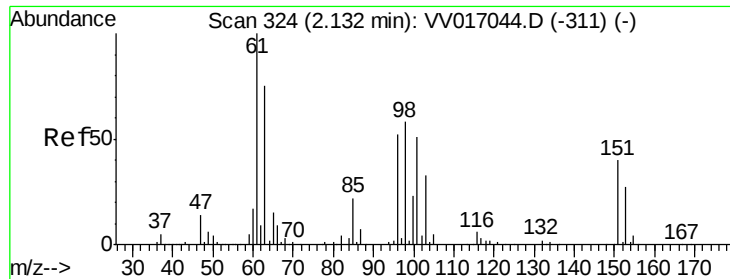
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#12

1,1-Dichloroethene

Concen: 0.336 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV017058.D

Acq: 23 Jun 2020 16:10

Instrument :

MSVOA_V

ClientSampleId :

BFXH6DL2

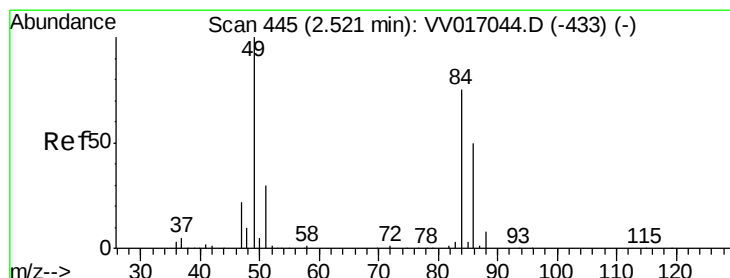
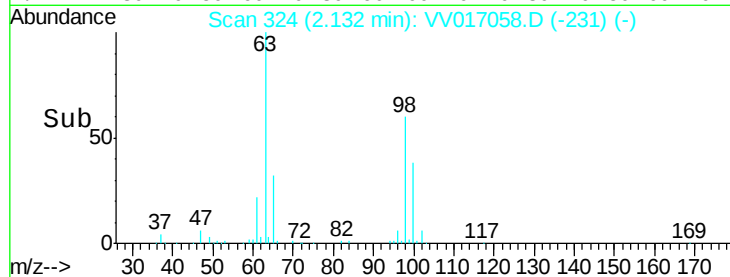
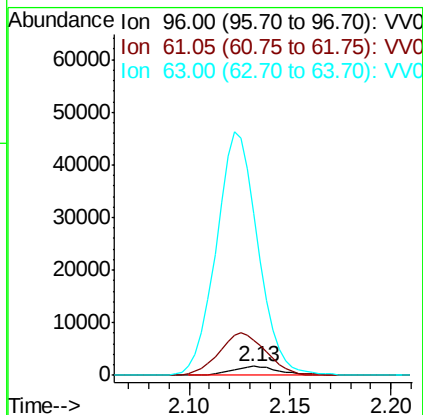
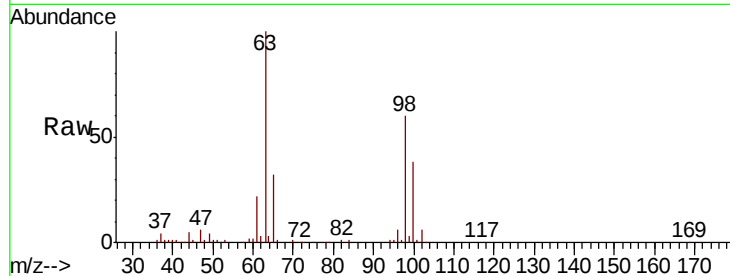
Tot Ion: 96 Resp: 2777

Ion Ratio Lower Upper

96 100

61 398.1 125.0 232.2#

63 1813.6 109.8 203.8#



#16

Methylene chloride

Concen: 0.282 ug/L

RT: 2.52 min Scan# 445

Delta R.T. -0.00 min

Lab File: VV017058.D

Acq: 23 Jun 2020 16:10

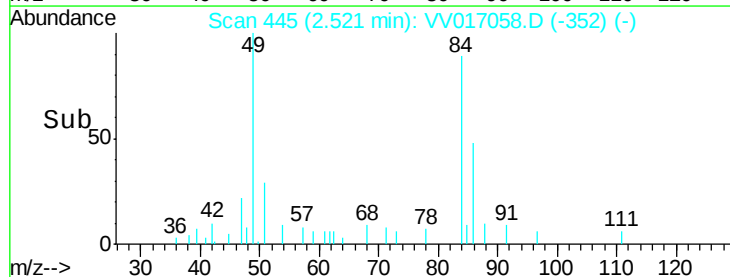
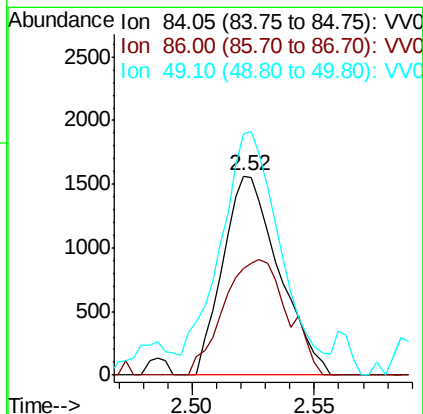
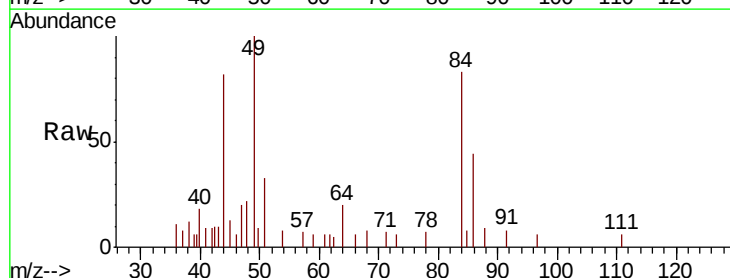
Tgt Ion: 84 Resp: 2497

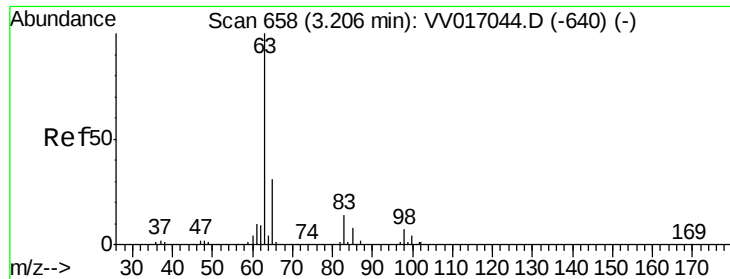
Ion Ratio Lower Upper

84 100

86 53.5 45.8 85.0

49 132.2 89.6 166.4

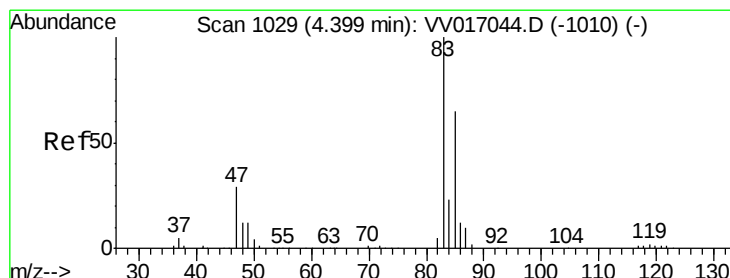
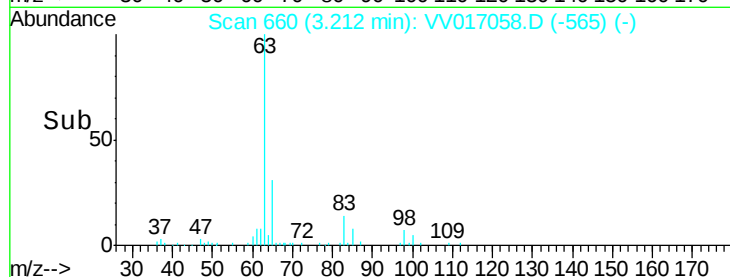
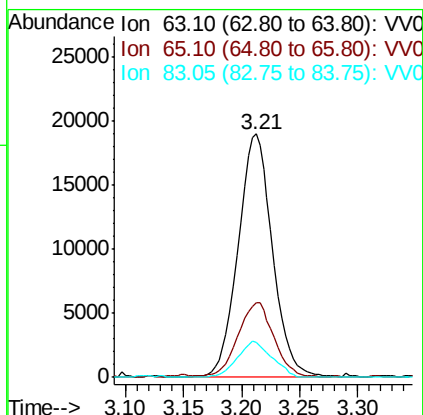
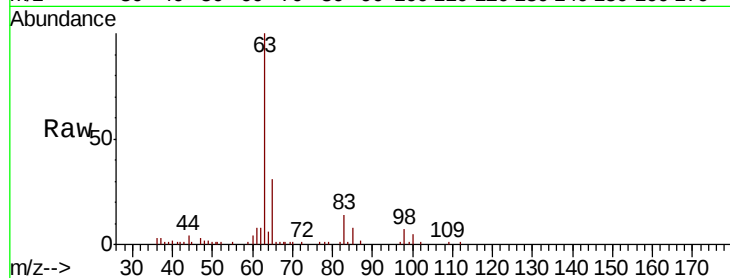




#19
 1,1-Dichloroethane
 Concen: 1.990 ug/L
 RT: 3.21 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VV017058.D
 Acq: 23 Jun 2020 16:10

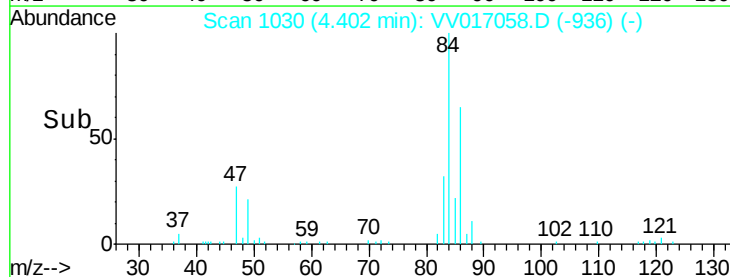
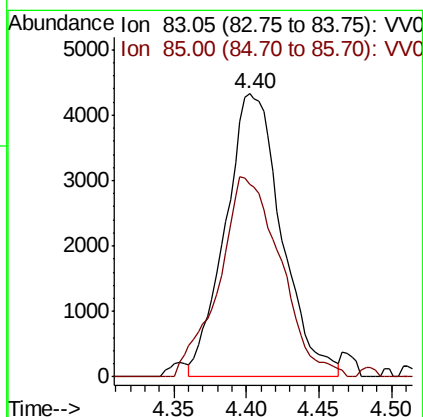
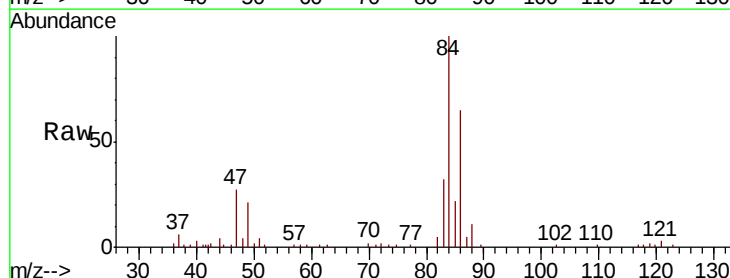
Instrument :
 MSVOA_V
 ClientSampleId :
 BFXH6DL2

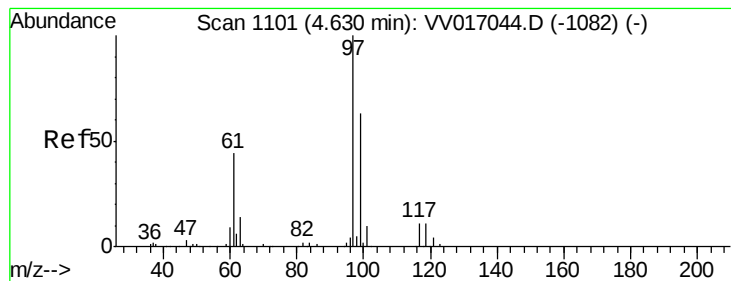
Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	21.8	40.4
83	14.2	9.7	17.9



#25
 Chloroform
 Concen: 0.544 ug/L
 RT: 4.40 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VV017058.D
 Acq: 23 Jun 2020 16:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.1	44.2	82.2





#29

1,1,1-Trichloroethane

Concen: 7.021 ug/L

RT: 4.63 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VV017058.D

Acq: 23 Jun 2020 16:10

Instrument :

MSVOA_V

ClientSampleId :

BFXH6DL2

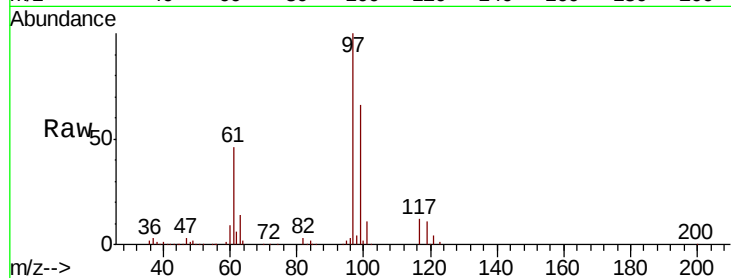
Tot Ion: 97 Resp: 140991

Ion Ratio Lower Upper

97 100

99 66.2 50.3 75.5

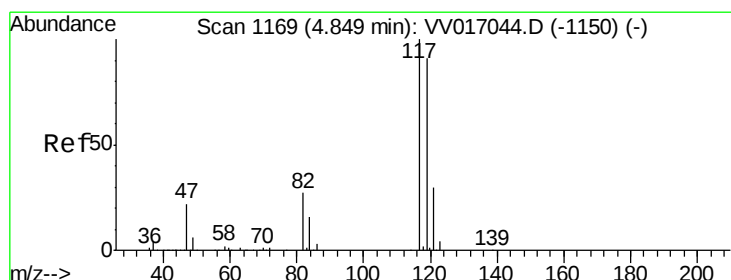
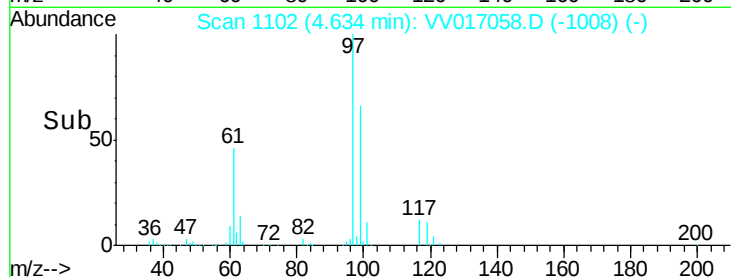
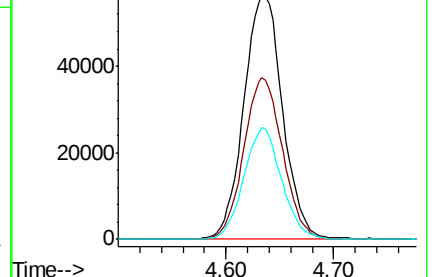
61 44.7 36.0 54.0



Abundance Ion 96.95 (96.65 to 97.65): VV017044.D (-1082) (-)

Ion 99.05 (98.75 to 99.75): VV017044.D (-1082) (-)

Ion 61.05 (60.75 to 61.75): VV017044.D (-1082) (-)



#31

Carbon tetrachloride

Concen: 0.985 ug/L

RT: 4.63 min Scan# 1102

Delta R.T. -0.22 min

Lab File: VV017058.D

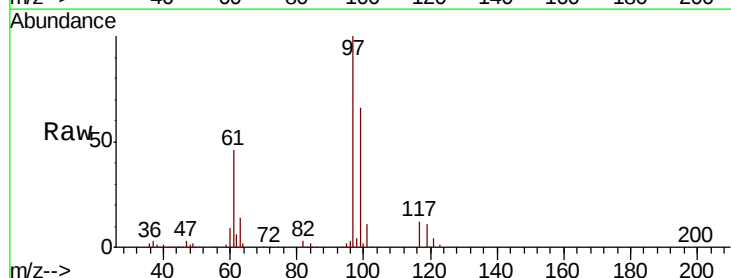
Acq: 23 Jun 2020 16:10

Tgt Ion: 117 Resp: 17847

Ion Ratio Lower Upper

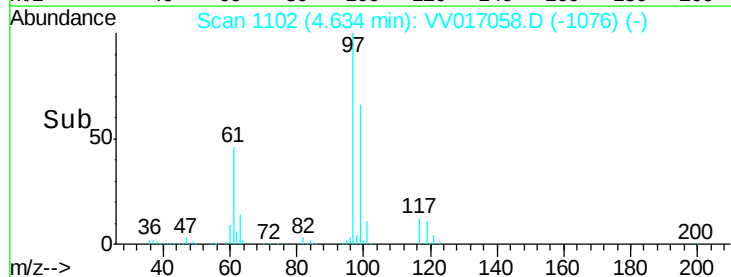
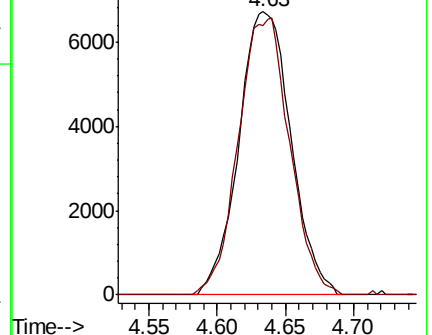
117 100

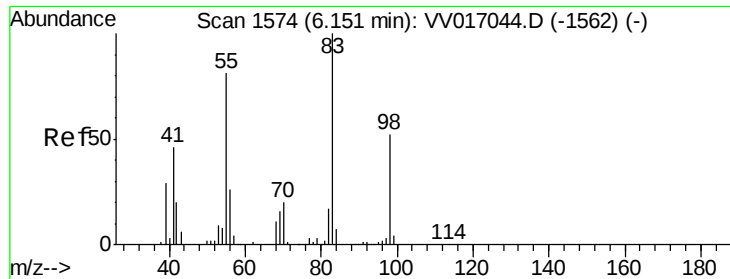
119 96.2 77.8 116.8



Abundance Ion 116.90 (116.60 to 117.60): VV017044.D (-1150) (-)

Ion 118.90 (118.60 to 119.60): VV017044.D (-1150) (-)

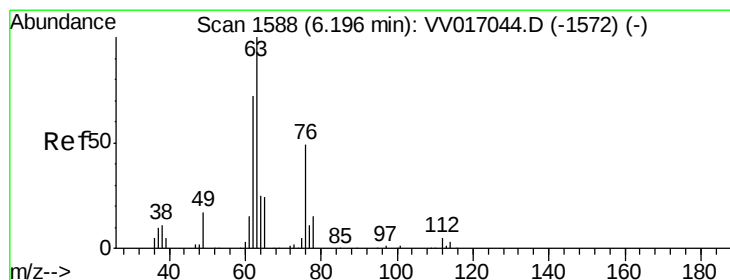
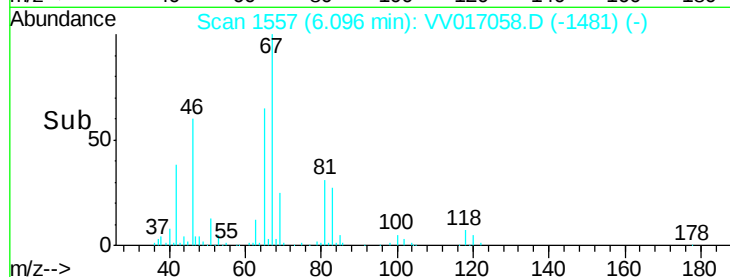
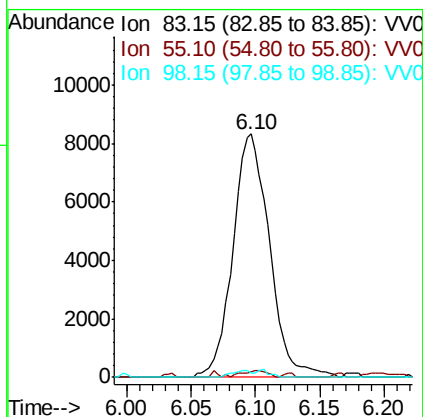
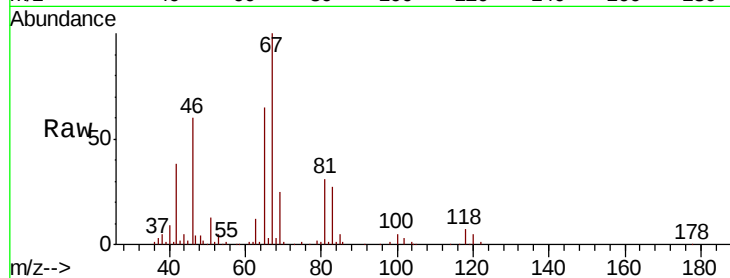




#35
Methvlcvclohexane
Concen: 0.825 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017058.D
Acq: 23 Jun 2020 16:10

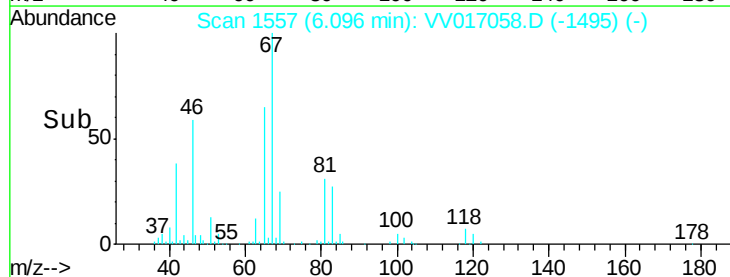
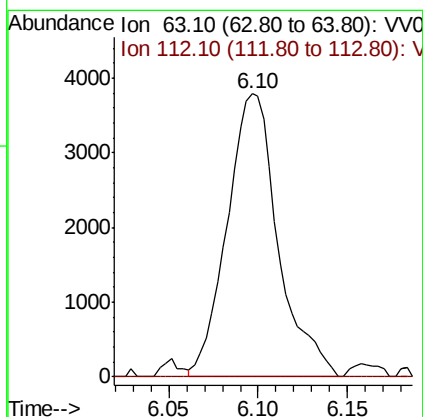
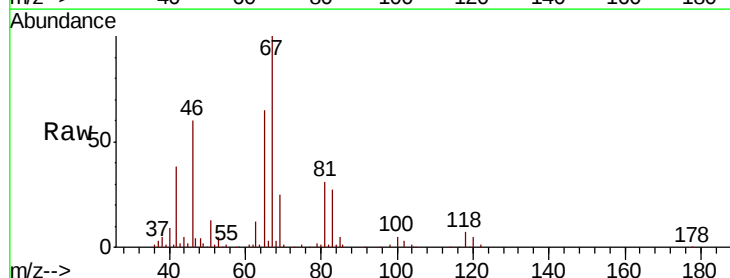
Instrument :
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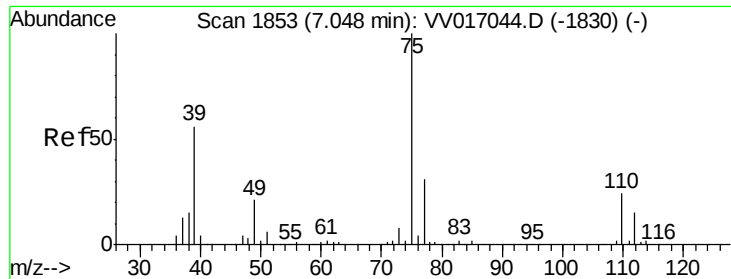
Tot Ion: 83 Resp: 16488
Ion Ratio Lower Upper
83 100
55 0.4 63.6 95.4#
98 1.6 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.697 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017058.D
Acq: 23 Jun 2020 16:10

Tgt Ion: 63 Resp: 7575
Ion Ratio Lower Upper
63 100
112 0.6 4.4 6.6#

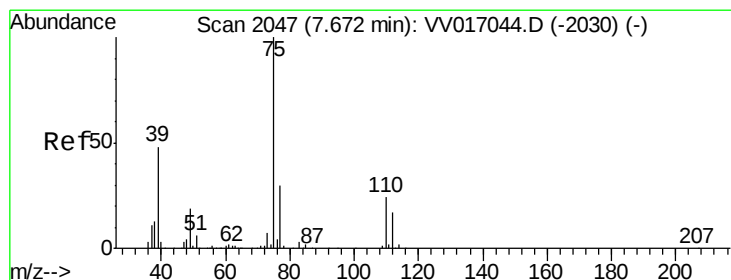
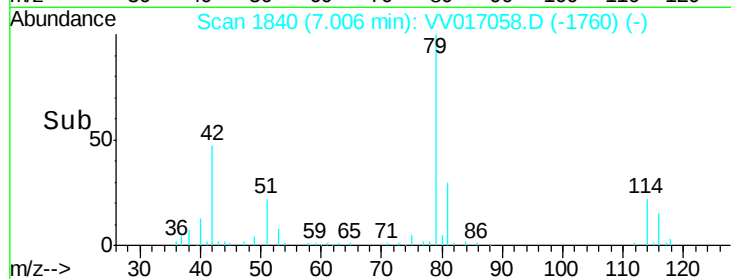
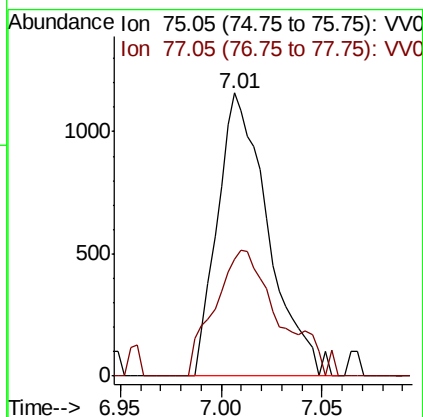
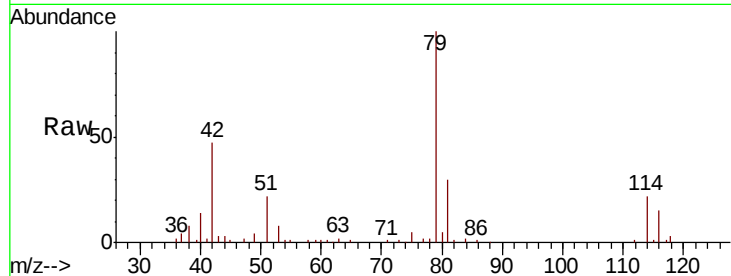




#39
 cis-1,3-Dichloropropene
 Concen: 0.125 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017058.D
 Acq: 23 Jun 2020 16:10

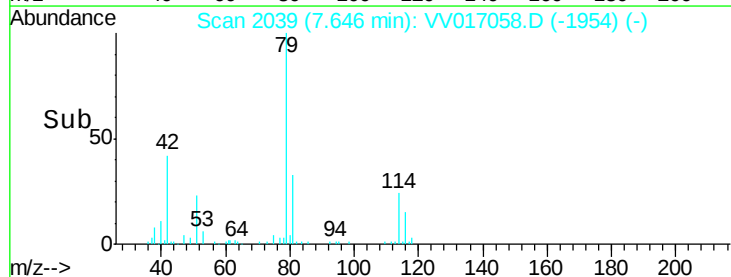
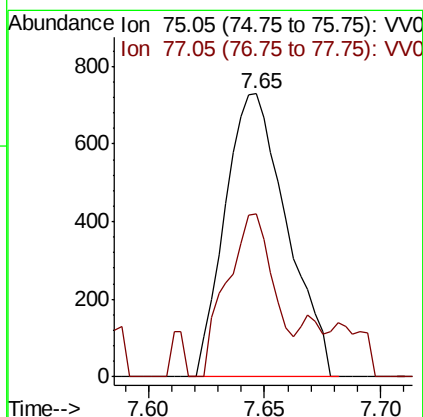
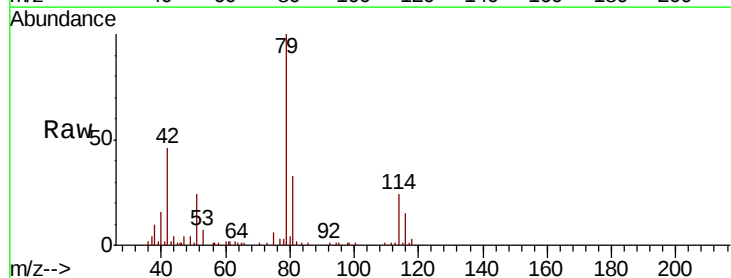
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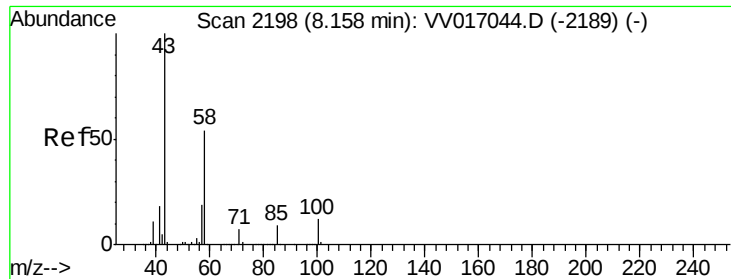
Tot Ion: 75 Resp: 2025
 Ion Ratio Lower Upper
 75 100
 77 41.1 22.3 41.5



#46
 trans-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.03 min
 Lab File: VV017058.D
 Acq: 23 Jun 2020 16:10

Tgt Ion: 75 Resp: 1348
 Ion Ratio Lower Upper
 75 100
 77 57.8 22.3 41.3#





#50
 2-Hexanone
 Concen: 2.050 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VV017058.D
 Acq: 23 Jun 2020 16:10

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXH6DL2

Tot Ion: 43 Resp: 9152
 Ion Ratio Lower Upper
 43 100
 58 45.9 41.6 62.4
 57 15.8 15.4 23.0
 100 5.8 10.1 15.1#

