

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040920\
 Data File : VV015429.D
 Acq On : 09 Apr 2020 20:05
 Operator : SY/MD
 Sample : L2188-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 10 05:39:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 10 05:37:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	119325	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	112662	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	54596	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	28818	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.58	69	27145	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.12	63	43170	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	3.97	46	80032	46.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.08%
24) Chloroform-d	4.38	84	66255	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.06	65	38023	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.08	84	126861	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.10	67	40105	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.34	98	116312	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	7.64	79	16566	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.12	63	86196	52.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.58%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	30832	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	44042	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

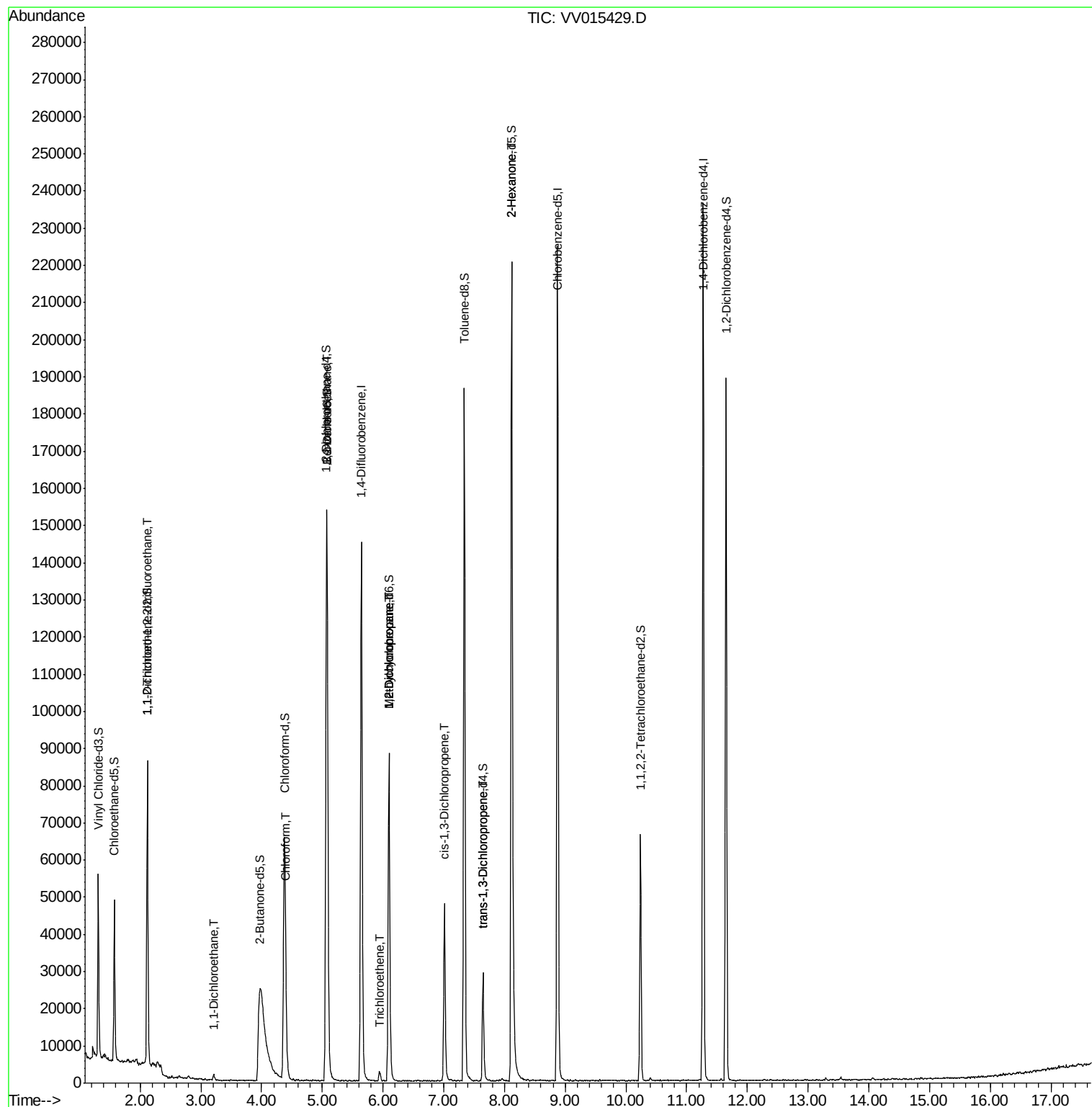
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	645	0.082	ug/L #	52
19) 1,1-Dichloroethane	3.21	63	1922	0.121	ug/L	96
25) Chloroform	4.41	83	6124	0.376	ug/L	93
27) 1,2-Dichloroethane	5.08	62	762	0.072	ug/L #	77
34) Trichloroethene	5.94	95	1058	0.117	ug/L	91
35) Methylcyclohexane	6.10	83	9757	0.638	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5015	0.600	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1370	0.107	ug/L #	76
44) trans-1,3-Dichloropropene	7.64	75	788	0.073	ug/L #	66
48) 2-Hexanone	8.12	43	11387	2.968	ug/L #	68

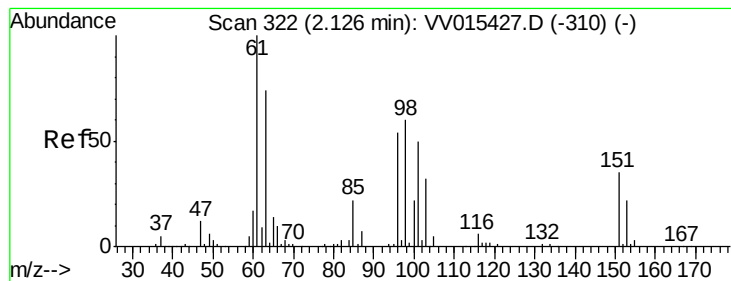
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.082 ug/L

RT: 2.13 min Scan# 322

Delta R.T. 0.00 min

Lab File: VV015429.D

Acq: 09 Apr 2020 20:05

Instrument :

MSVOA_V

ClientSampled :

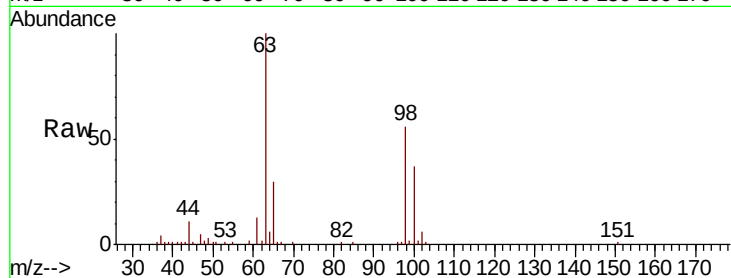
Tot Ion:101 Resp: 645

Ion Ratio Lower Upper

101 100

85 24.3 36.3 54.5#

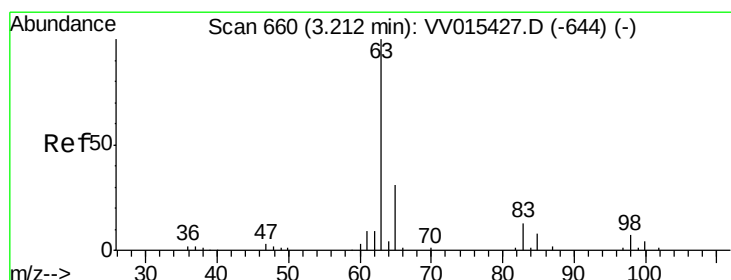
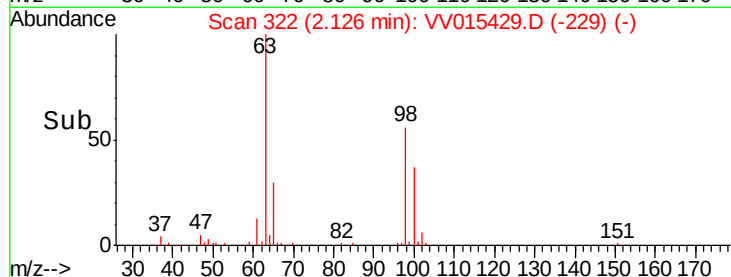
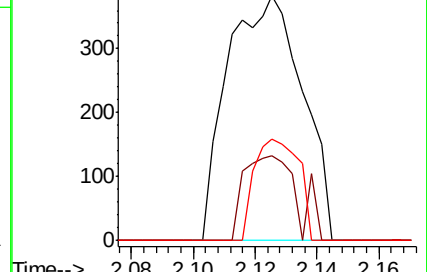
151 24.5 58.2 87.4#



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



#19

1,1-Dichloroethane

Concen: 0.121 ug/L

RT: 3.21 min Scan# 660

Delta R.T. 0.00 min

Lab File: VV015429.D

Acq: 09 Apr 2020 20:05

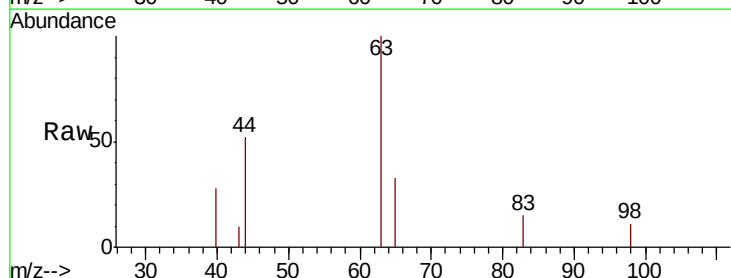
Tgt Ion: 63 Resp: 1922

Ion Ratio Lower Upper

63 100

65 32.8 21.3 39.6

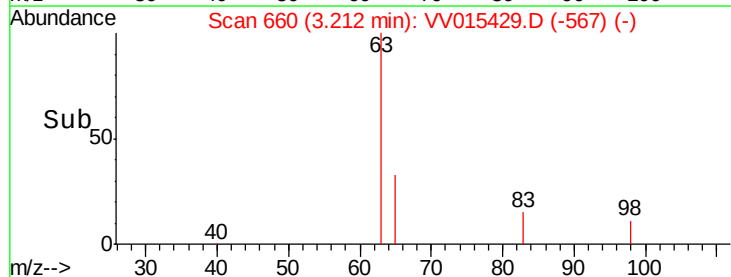
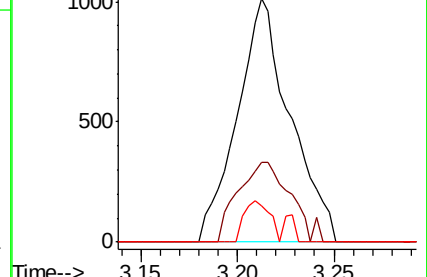
83 15.0 9.4 17.6

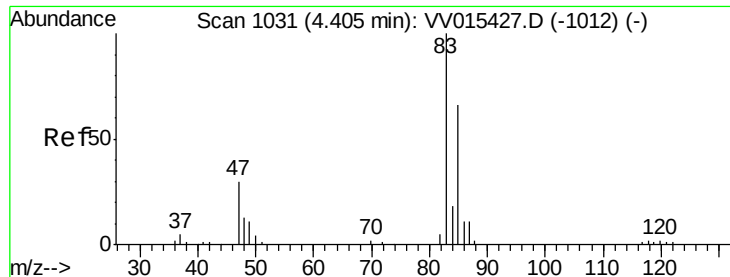


Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0

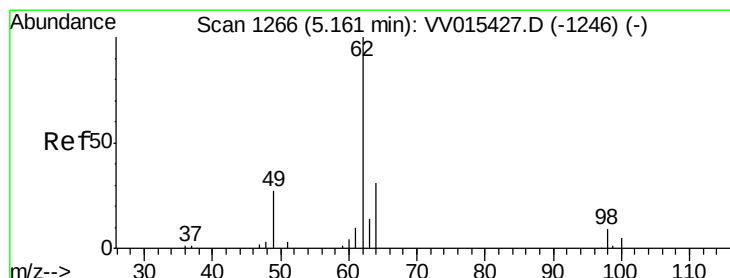
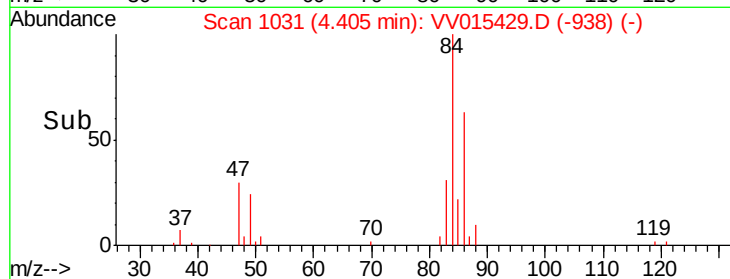
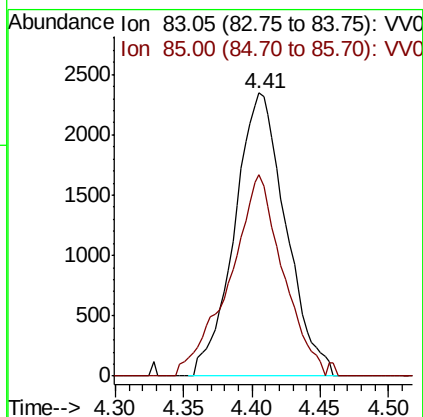
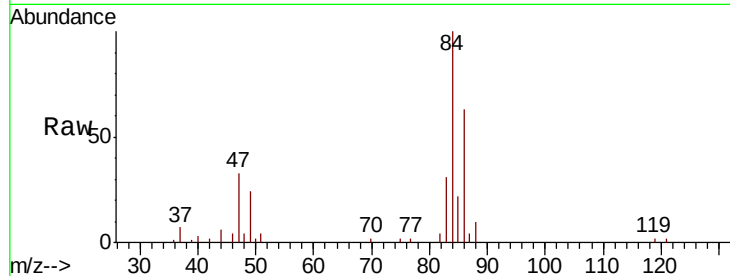




#25
Chloroform
Concen: 0.376 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015429.D
Acq: 09 Apr 2020 20:05

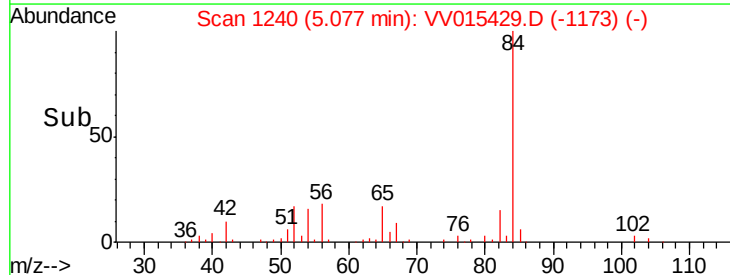
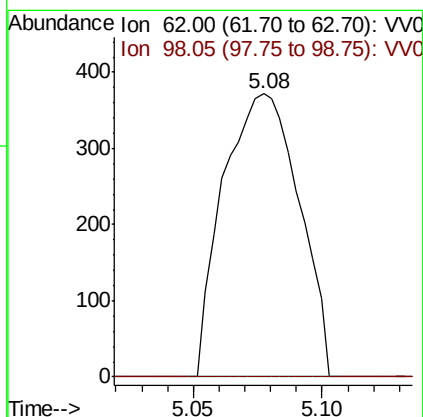
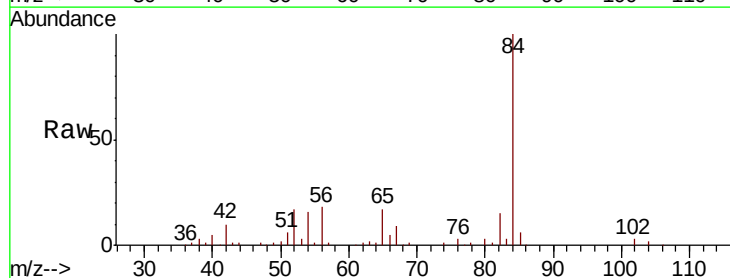
Instrument :
MSVOA_V
ClientSampled :

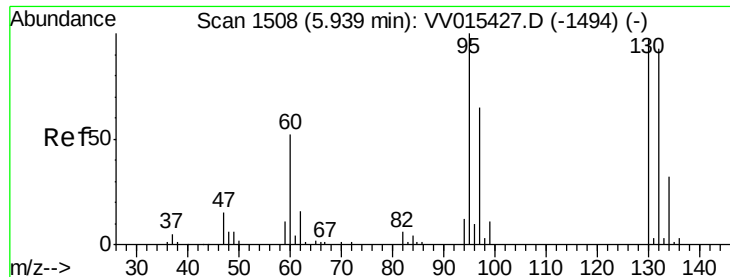
Tot Ion: 83 Resp: 6124
Ion Ratio Lower Upper
83 100
85 71.3 45.9 85.3



#27
1,2-Dichloroethane
Concen: 0.072 ug/L
RT: 5.08 min Scan# 1240
Delta R.T. -0.08 min
Lab File: VV015429.D
Acq: 09 Apr 2020 20:05

Tgt Ion: 62 Resp: 762
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#





#34

Trichloroethene

Concen: 0.117 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015429.D

Acq: 09 Apr 2020 20:05

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 1058

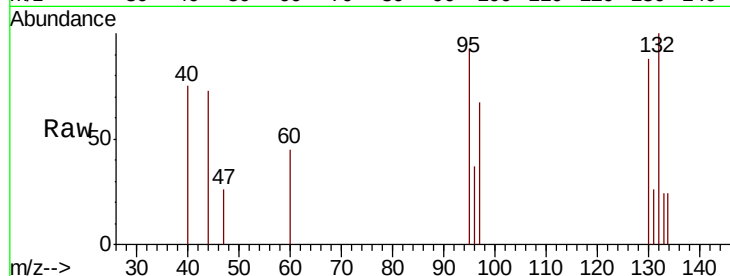
Ion Ratio Lower Upper

95 100

97 72.0 45.4 84.4

132 107.5 64.8 120.4

130 94.8 67.4 125.2



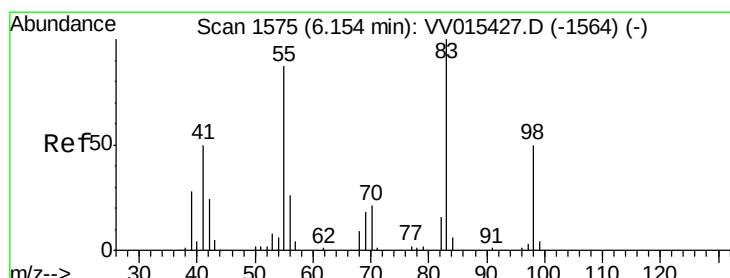
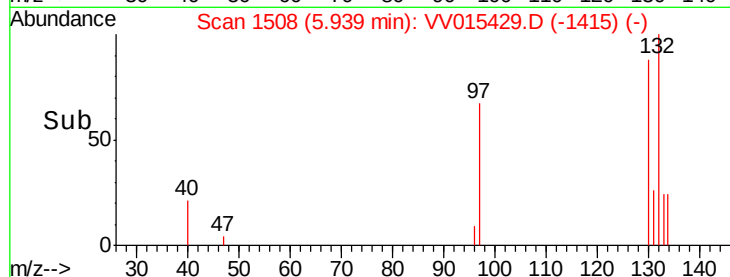
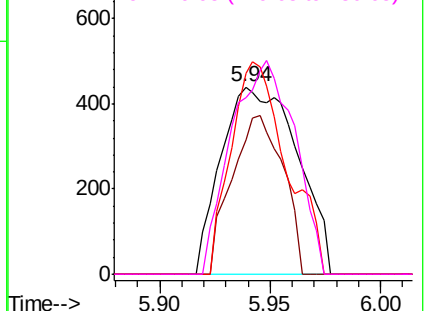
Abundance

Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.638 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV015429.D

Acq: 09 Apr 2020 20:05

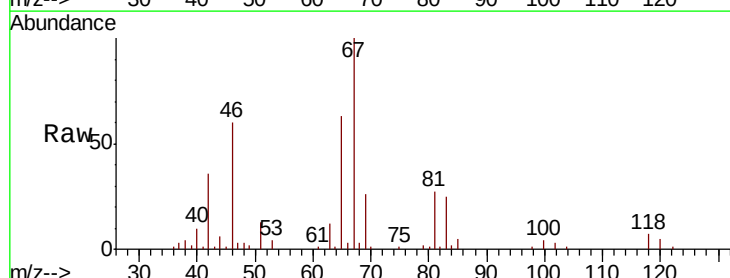
Tgt Ion: 83 Resp: 9757

Ion Ratio Lower Upper

83 100

55 0.7 66.6 99.8#

98 0.2 38.7 58.1#

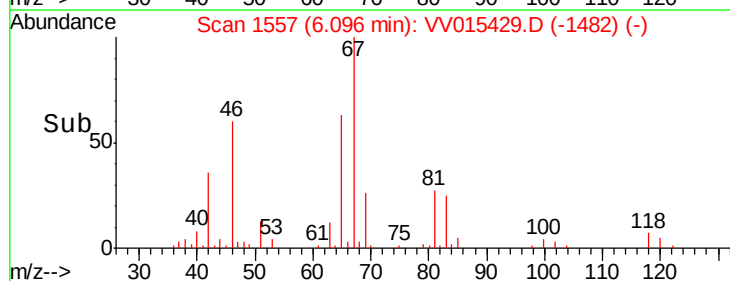
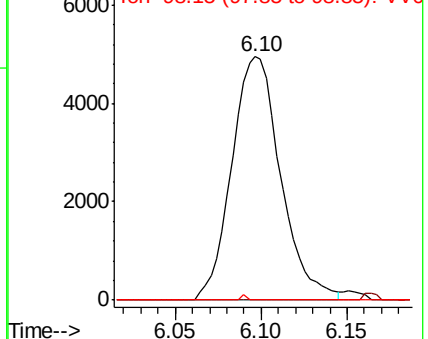


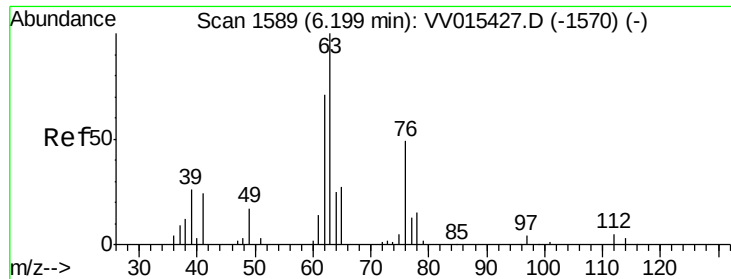
Abundance

Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

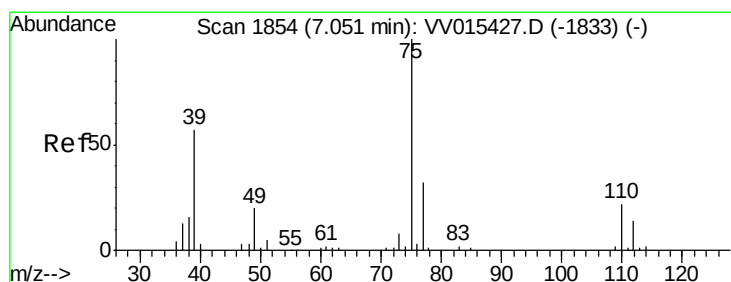
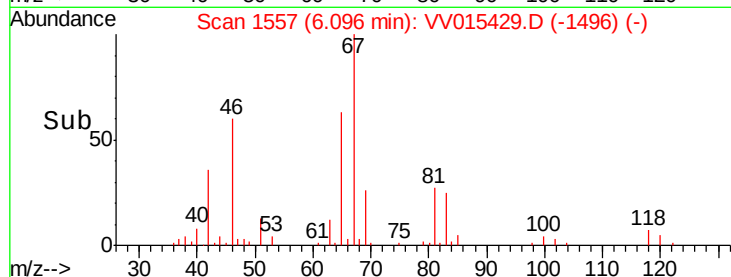
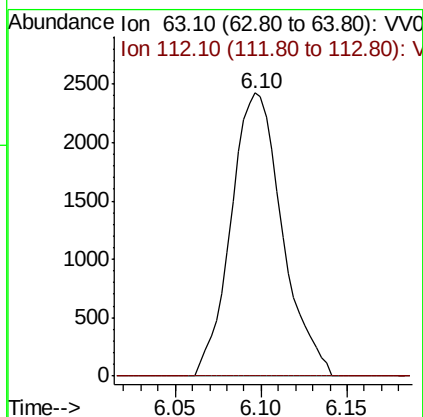
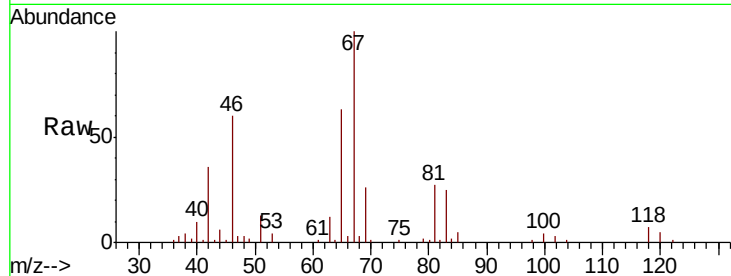




#37
 1,2-Dichloropropane
 Concen: 0.600 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015429.D
 Acq: 09 Apr 2020 20:05

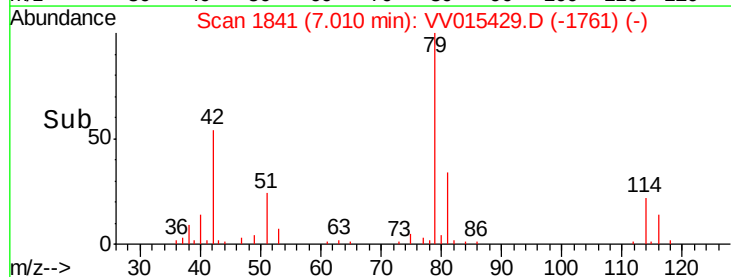
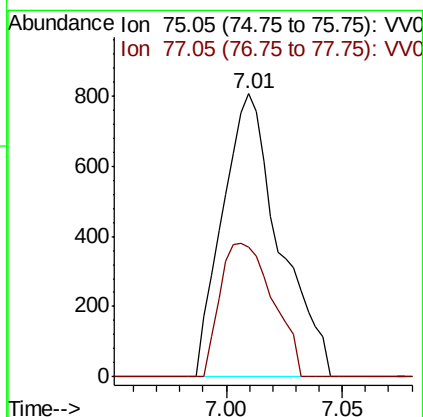
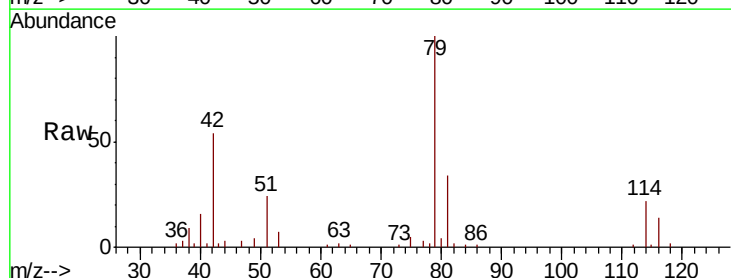
Instrument :
 MSVOA_V
 ClientSampleId :

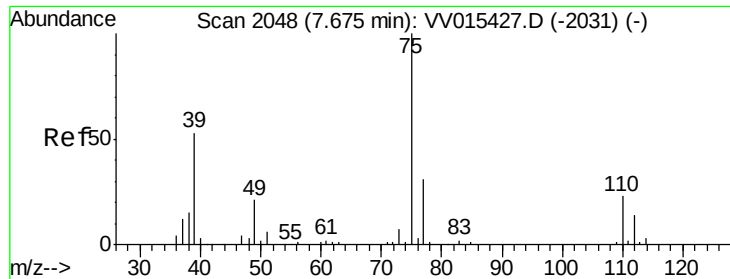
Tot Ion: 63 Resp: 5015
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015429.D
 Acq: 09 Apr 2020 20:05

Tgt Ion: 75 Resp: 1370
 Ion Ratio Lower Upper
 75 100
 77 46.1 23.0 42.6#

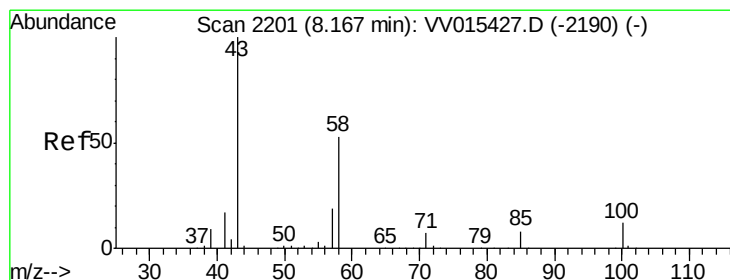
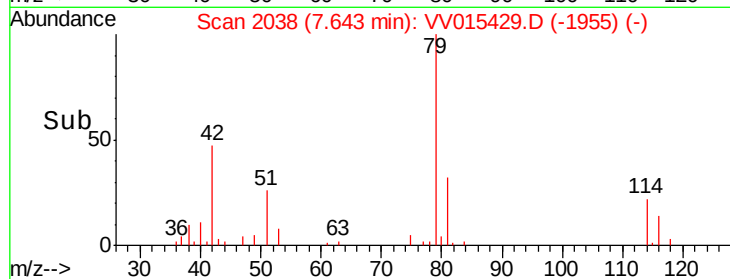
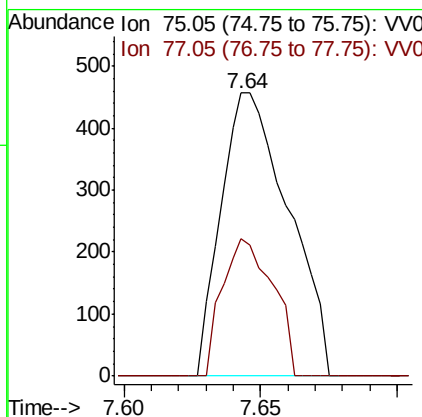
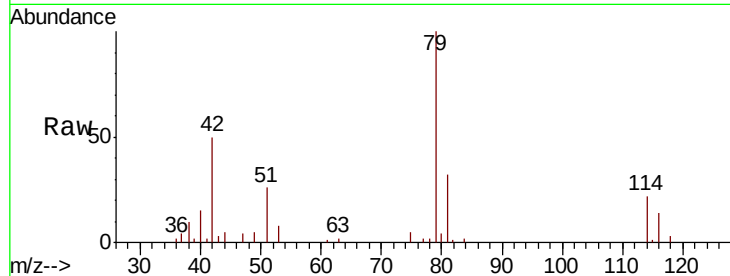




#44
trans-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV015429.D
Acq: 09 Apr 2020 20:05

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 788
Ion Ratio Lower Upper
75 100
77 48.4 21.0 39.0#



#48
2-Hexanone
Concen: 2.968 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV015429.D
Acq: 09 Apr 2020 20:05

Tgt Ion: 43 Resp: 11387
Ion Ratio Lower Upper
43 100
58 22.9 41.4 62.0#
57 21.7 15.0 22.4
100 0.0 9.4 14.2#

