

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
 Data File : VV015738.D
 Acq On : 27 Apr 2020 18:43
 Operator : SY/MD
 Sample : L2413-13DL 400X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 28 02:21:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 28 02:16:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	124452	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	121046	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	56723	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	25514	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.58	69	28265	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.12	63	44563	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	3.93	46	115461	55.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.58%
24) Chloroform-d	4.38	84	69992	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.06	65	44265	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.07	84	138391	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.10	67	46555	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.34	98	123121	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.64	79	14176	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.11	63	82755	47.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.08%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	33589	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	49737	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

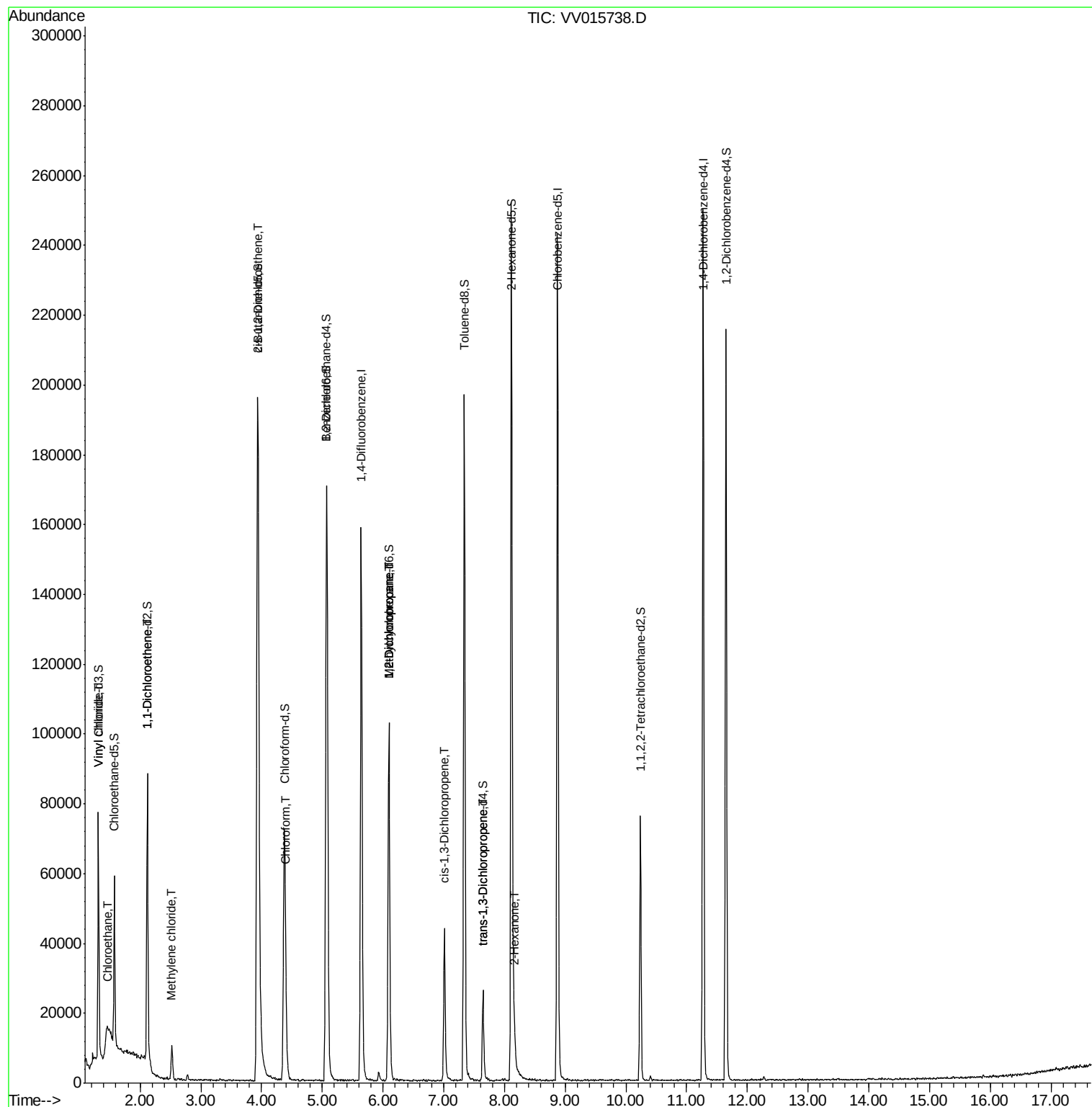
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	19589	1.989	ug/L	92
8) Chloroethane	1.46	64	16740	2.588	ug/L #	51
12) 1,1-Dichloroethene	2.12	96	685	0.095	ug/L #	1
16) Methylene chloride	2.52	84	3564	0.399	ug/L	86
22) cis-1,2-Dichloroethene	3.94	96	79276	8.841	ug/L	98
25) Chloroform	4.40	83	7523	0.445	ug/L	91
35) Methylcyclohexane	6.09	83	11404	0.778	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5795	0.659	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1190	0.097	ug/L #	60
44) trans-1,3-Dichloropropene	7.65	75	687	0.067	ug/L #	78
48) 2-Hexanone	8.17	43	4652	1.143	ug/L #	72

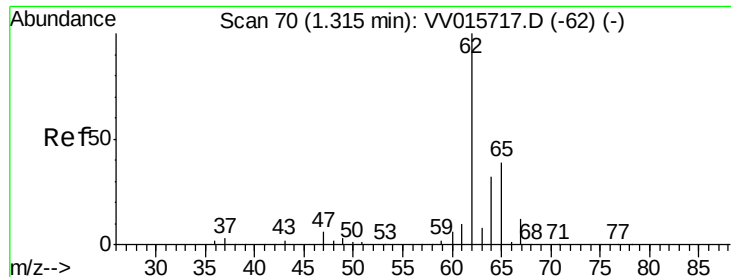
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 28 02:16:08 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.989 ug/L

RT: 1.32 min Scan# 70

Delta R.T. 0.00 min

Lab File: VV015738.D

Acq: 27 Apr 2020 18:43

Instrument :

MSVOA_V

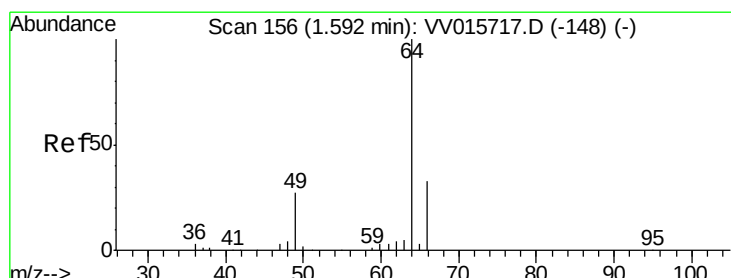
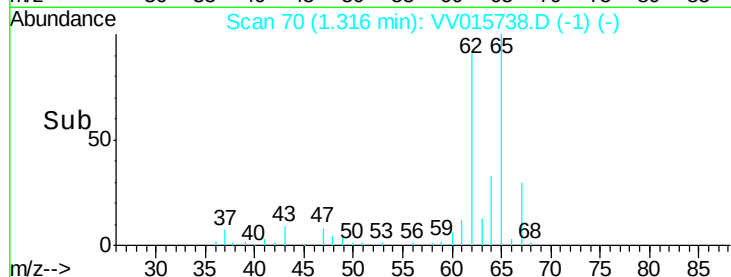
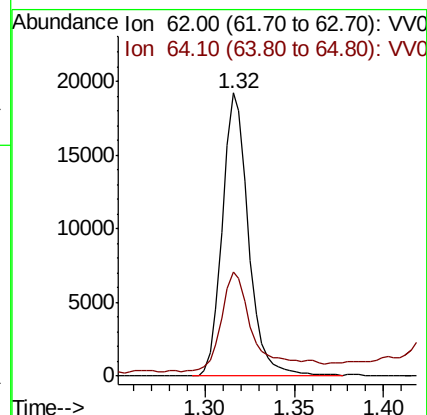
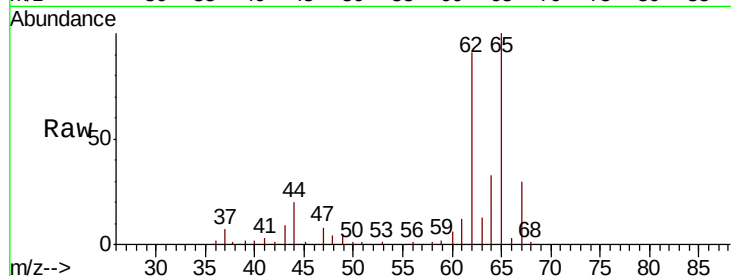
ClientSampleId :

Tot Ion: 62 Resp: 19589

Ion Ratio Lower Upper

62 100

64 36.7 22.7 42.1



#8

Chloroethane

Concen: 2.588 ug/L

RT: 1.46 min Scan# 114

Delta R.T. -0.13 min

Lab File: VV015738.D

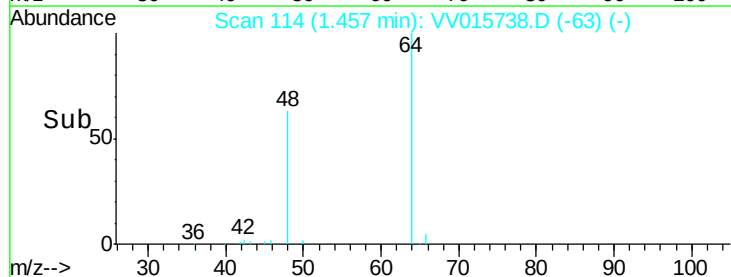
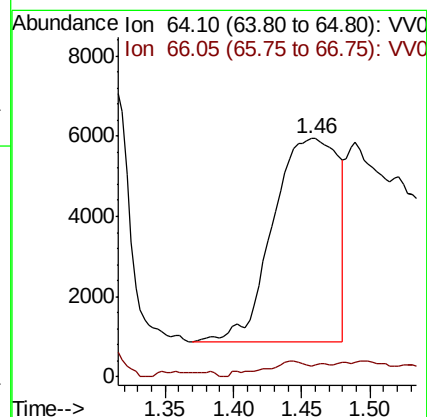
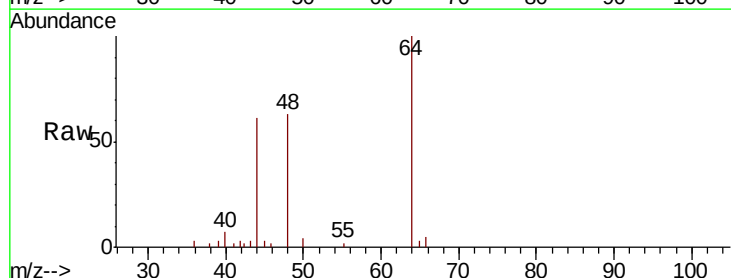
Acq: 27 Apr 2020 18:43

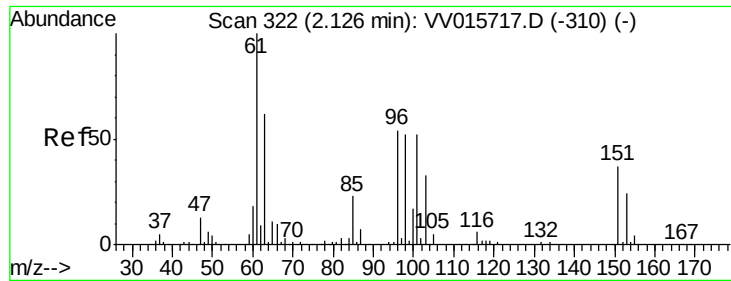
Tgt Ion: 64 Resp: 16740

Ion Ratio Lower Upper

64 100

66 4.7 22.3 41.5#

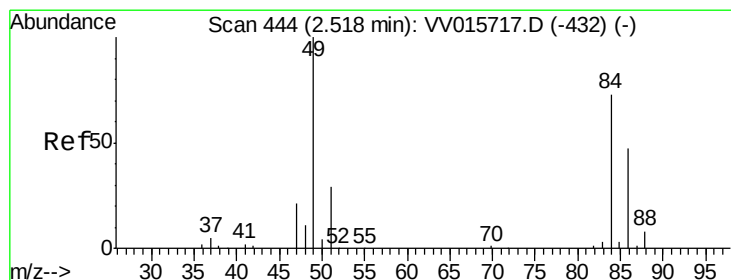
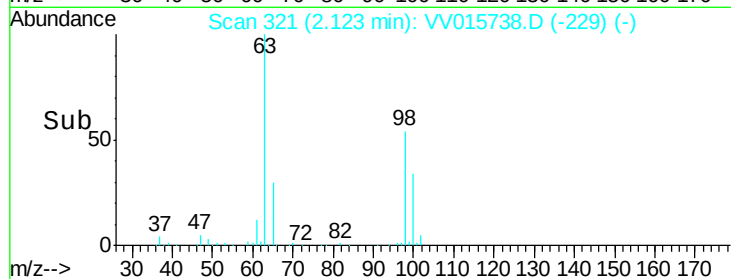
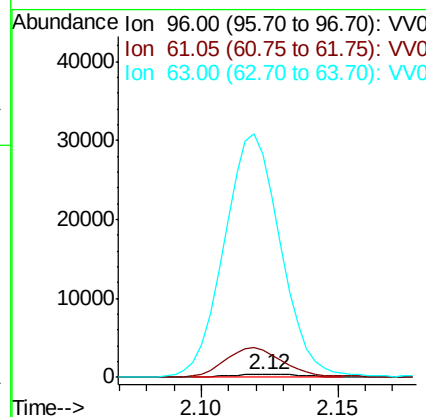
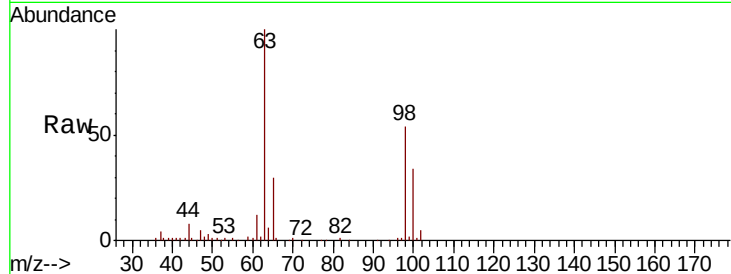




#12
 1,1-Dichloroethene
 Concen: 0.095 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VV015738.D
 Acq: 27 Apr 2020 18:43

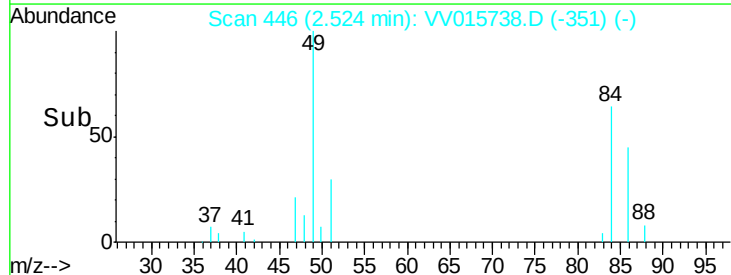
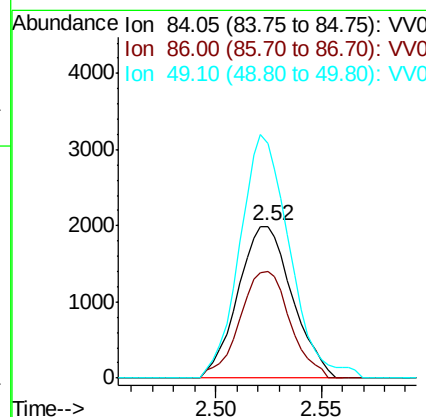
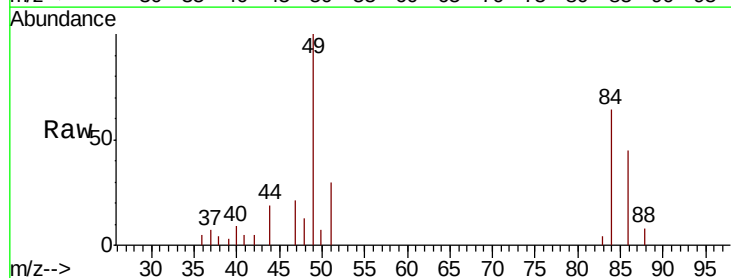
Instrument :
 MSVOA_V
 ClientSampleId :

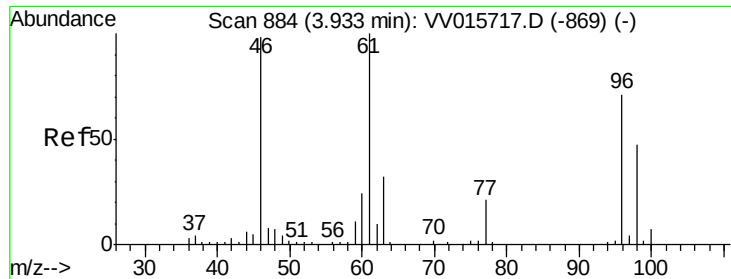
Tot Ion: 96 Resp: 685
 Ion Ratio Lower Upper
 96 100
 61 988.5 130.1 241.7#
 63 7984.2 91.4 169.8#



#16
 Methylene chloride
 Concen: 0.399 ug/L
 RT: 2.52 min Scan# 446
 Delta R.T. 0.01 min
 Lab File: VV015738.D
 Acq: 27 Apr 2020 18:43

Tgt Ion: 84 Resp: 3564
 Ion Ratio Lower Upper
 84 100
 86 70.4 45.1 83.7
 49 155.1 94.4 175.4

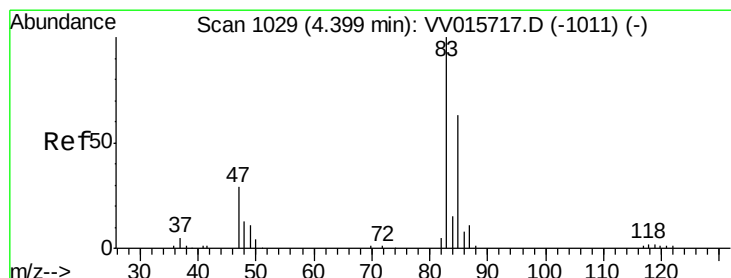
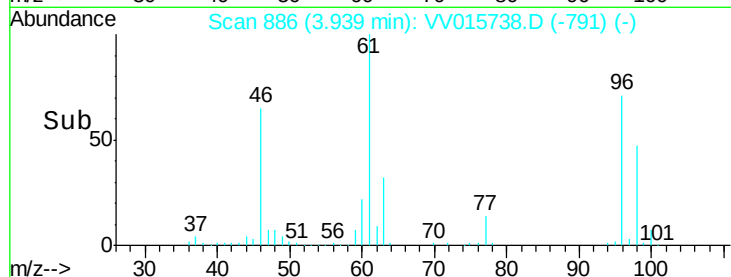
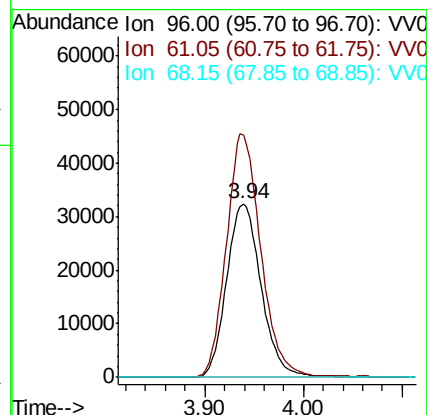
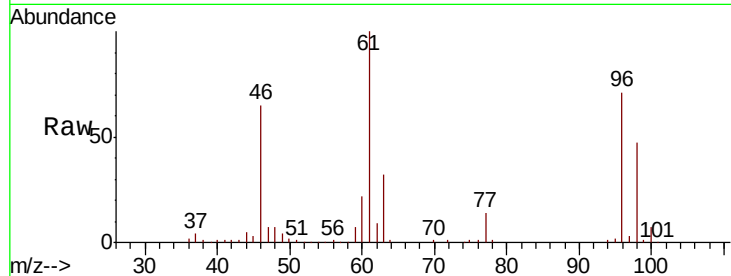




#22
 cis-1,2-Dichloroethene
 Concen: 8.841 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VV015738.D
 Acq: 27 Apr 2020 18:43

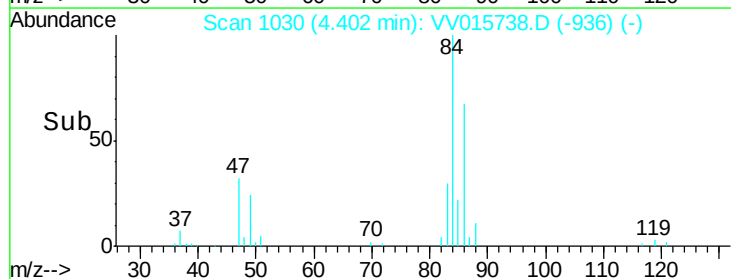
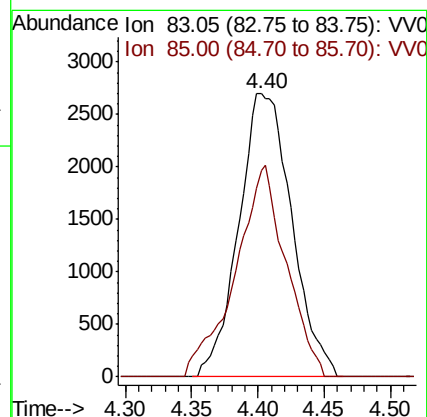
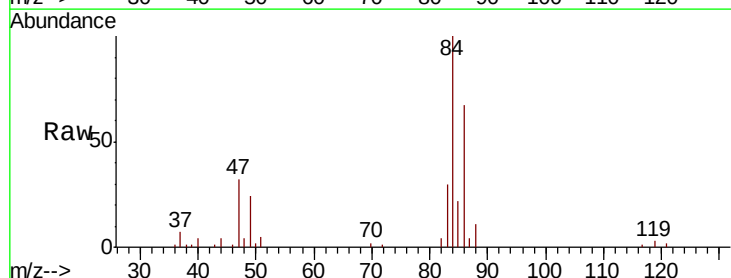
Instrument :
 MSVOA_V
 ClientSampled :

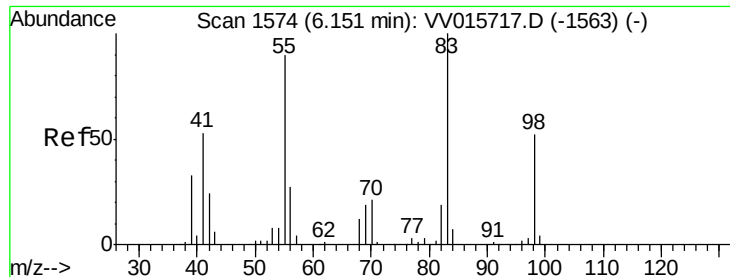
Tot Ion: 96 Resp: 79276
 Ion Ratio Lower Upper
 96 100
 61 139.9 96.4 179.0
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.445 ug/L
 RT: 4.40 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VV015738.D
 Acq: 27 Apr 2020 18:43

Tgt Ion: 83 Resp: 7523
 Ion Ratio Lower Upper
 83 100
 85 73.2 46.1 85.5

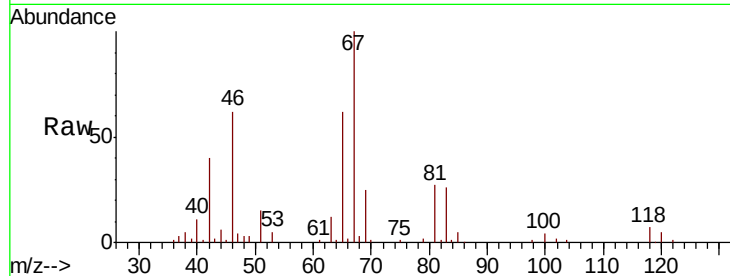




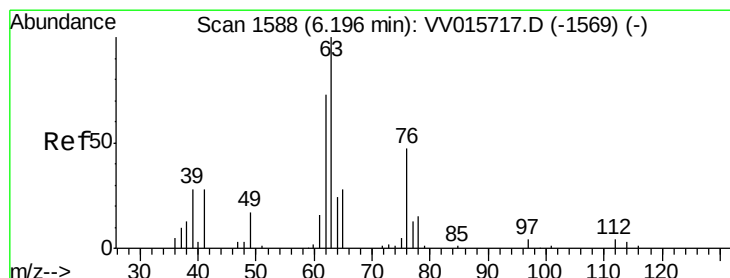
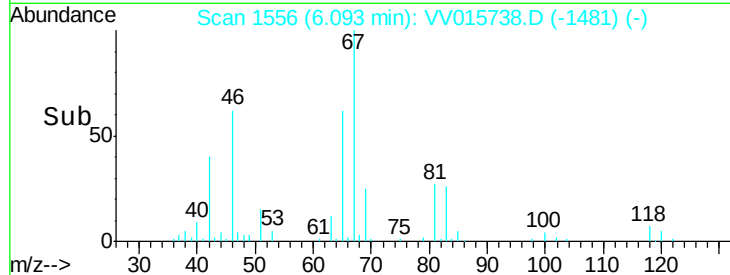
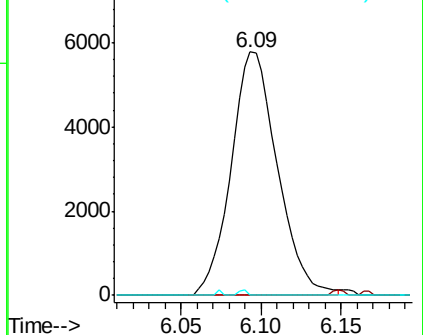
#35
Methylvlcyclohexane
Concen: 0.778 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015738.D
Acq: 27 Apr 2020 18:43

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 11404
Ion Ratio Lower Upper
83 100
55 0.6 66.6 99.8#
98 0.4 39.5 59.3#

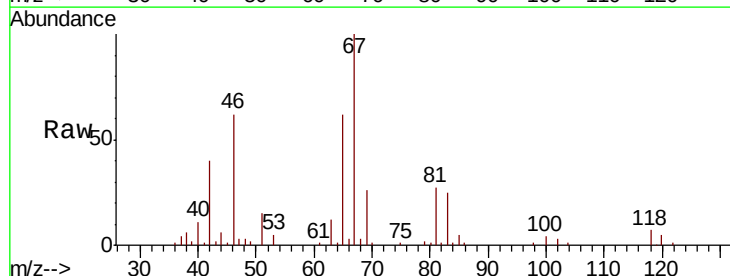


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

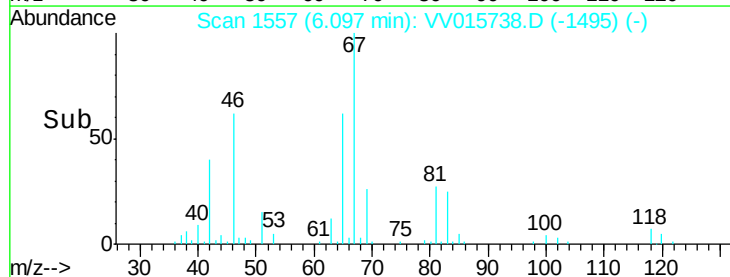
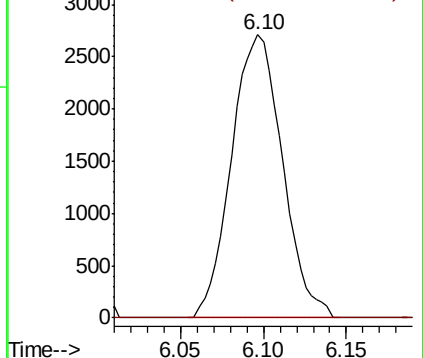


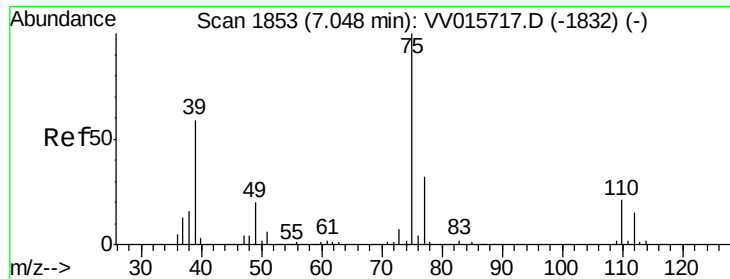
#37
1,2-Dichloropropane
Concen: 0.659 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015738.D
Acq: 27 Apr 2020 18:43

Tgt Ion: 63 Resp: 5795
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

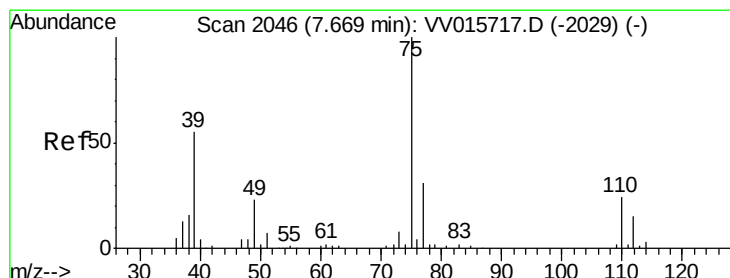
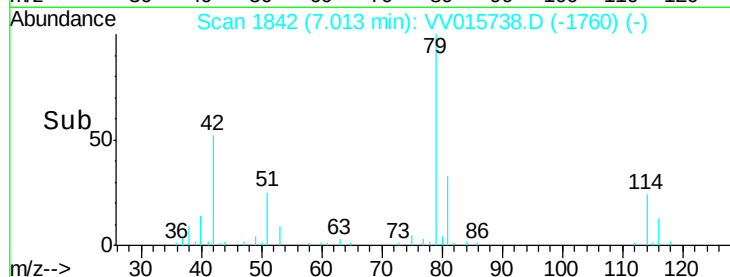
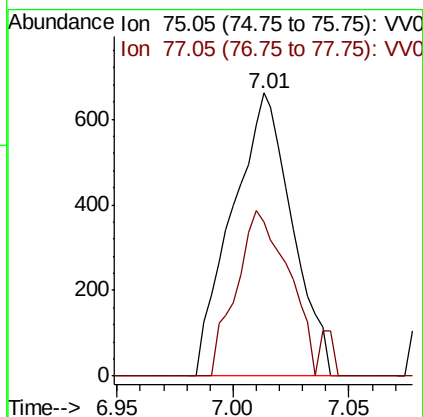
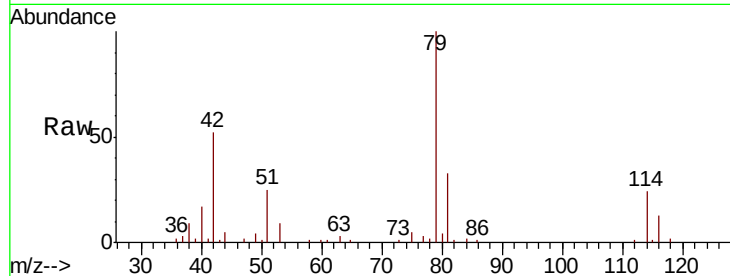




#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV015738.D
 Acq: 27 Apr 2020 18:43

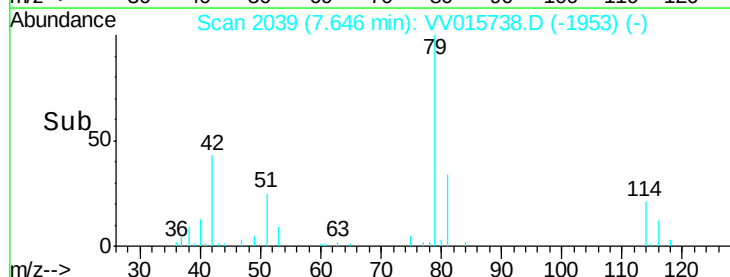
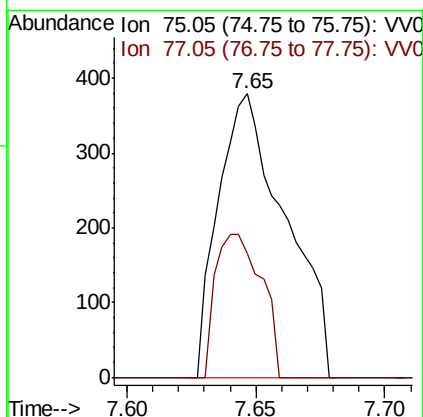
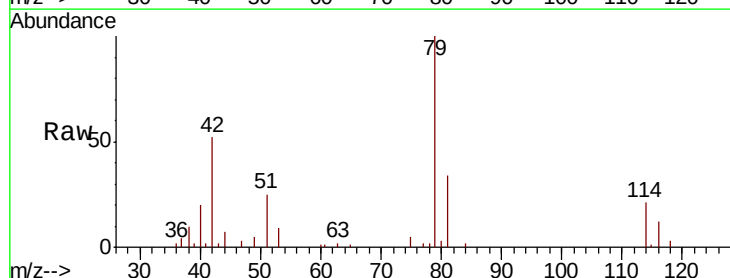
Instrument :
 MSVOA_V
 ClientSampleId :

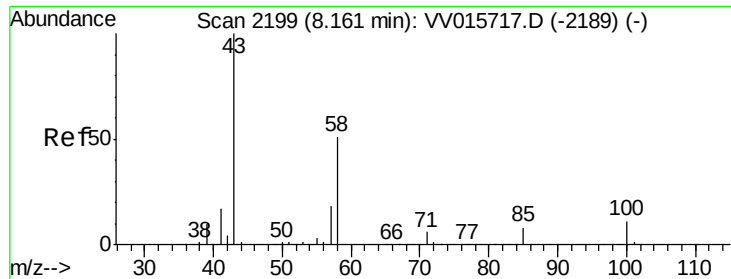
Tot Ion: 75 Resp: 1190
 Ion Ratio Lower Upper
 75 100
 77 54.3 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.067 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.02 min
 Lab File: VV015738.D
 Acq: 27 Apr 2020 18:43

Tgt Ion: 75 Resp: 687
 Ion Ratio Lower Upper
 75 100
 77 43.5 21.8 40.6#





#48
 2-Hexanone
 Concen: 1.143 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VV015738.D
 Acq: 27 Apr 2020 18:43

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 4652
 Ion Ratio Lower Upper
 43 100
 58 25.3 41.1 61.7#
 57 21.9 15.0 22.4
 100 3.9 9.0 13.4#

