

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
 Data File : VV015739.D
 Acq On : 27 Apr 2020 19:07
 Operator : SY/MD
 Sample : L2413-14DL 400X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 28 02:22:06 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	120690	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	116340	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	54249	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	24691	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.58	69	27649	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.12	63	43031	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	3.94	46	117565	58.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.10%
24) Chloroform-d	4.38	84	69116	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.06	65	44912	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.20%
32) Benzene-d6	5.07	84	137252	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.10	67	46078	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.34	98	121417	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.65	79	14275	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.11	63	83734	50.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.08%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	34153	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	49338	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

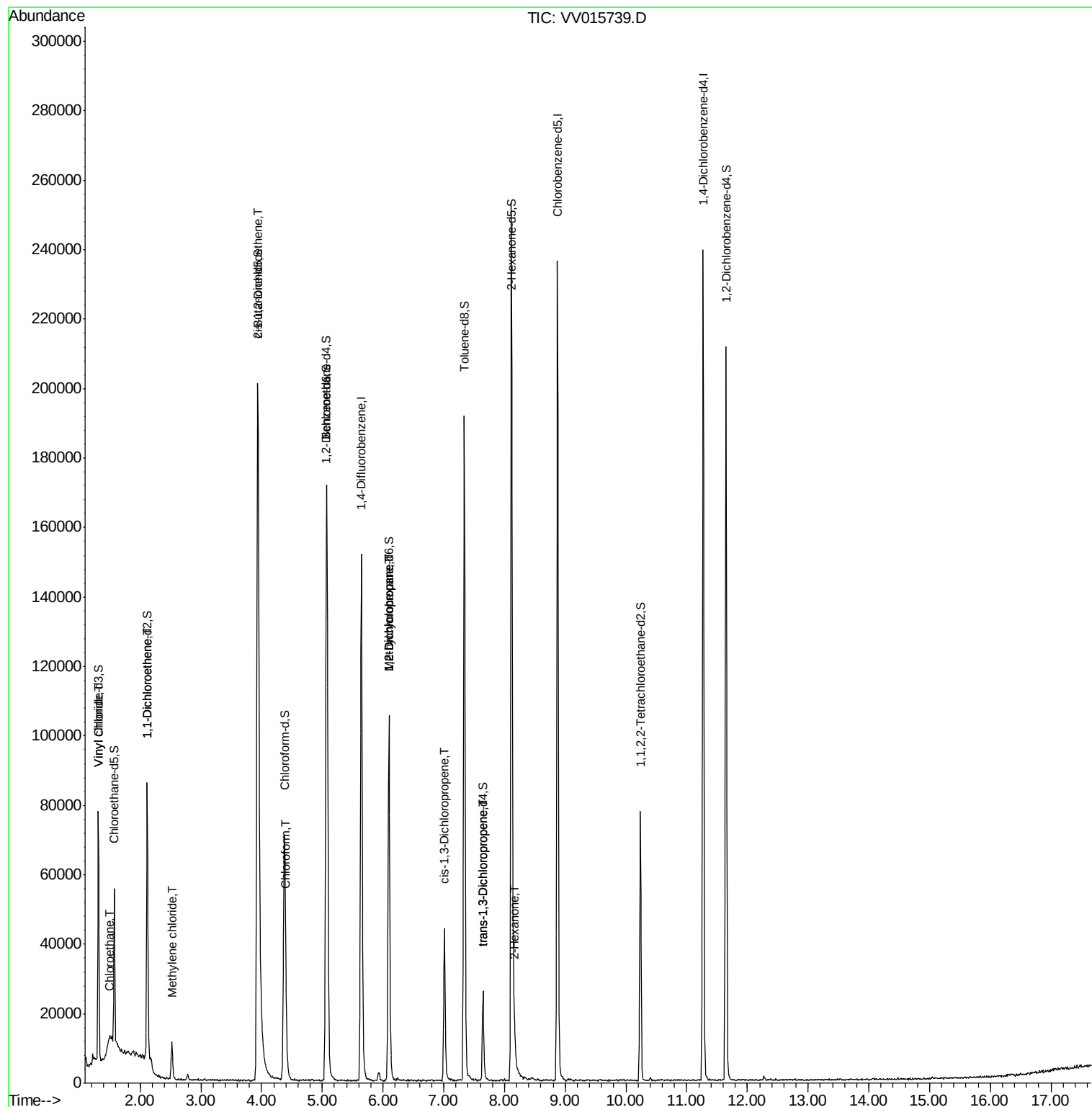
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	19655	2.058	ug/L	94
8) Chloroethane	1.50	64	11309	1.803	ug/L #	56
12) 1,1-Dichloroethene	2.12	96	634	0.090	ug/L #	1
16) Methylene chloride	2.52	84	4017	0.463	ug/L	96
22) cis-1,2-Dichloroethene	3.94	96	82511	9.488	ug/L	98
25) Chloroform	4.41	83	8133	0.496	ug/L	100
35) Methylcyclohexane	6.10	83	11376	0.807	ug/L #	15
37) 1,2-Dichloropropane	6.10	63	5689	0.673	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1291	0.110	ug/L	99
44) trans-1,3-Dichloropropene	7.64	75	690	0.070	ug/L #	78
48) 2-Hexanone	8.17	43	4043	1.034	ug/L #	46

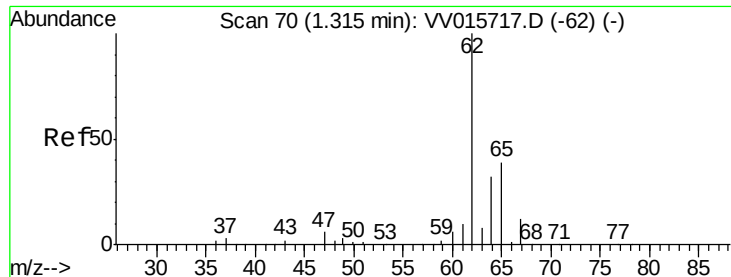
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.058 ug/L

RT: 1.32 min Scan# 70

Delta R.T. 0.00 min

Lab File: VV015739.D

Acq: 27 Apr 2020 19:07

Instrument :

MSVOA_V

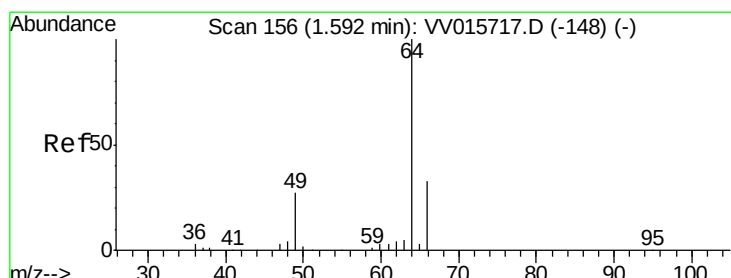
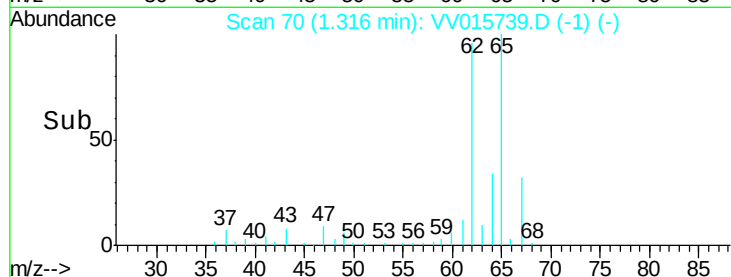
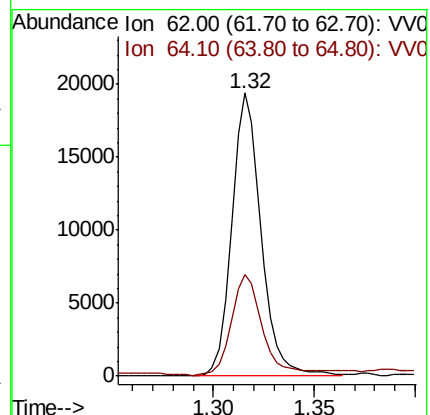
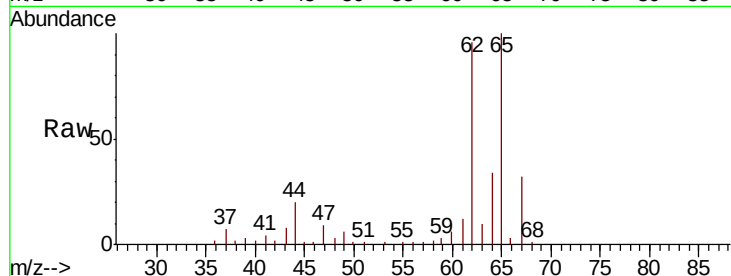
ClientSampled :

Tot Ion: 62 Resp: 19655

Ion Ratio Lower Upper

62 100

64 35.7 22.7 42.1



#8

Chloroethane

Concen: 1.803 ug/L

RT: 1.50 min Scan# 126

Delta R.T. -0.10 min

Lab File: VV015739.D

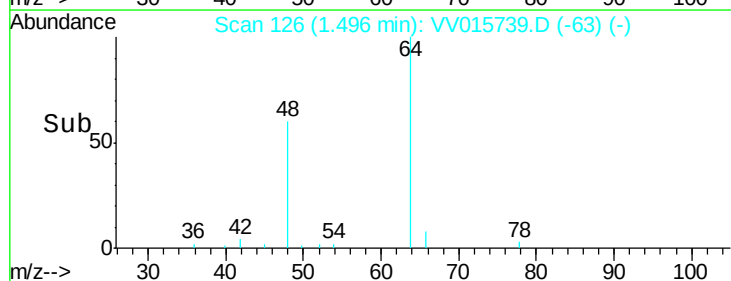
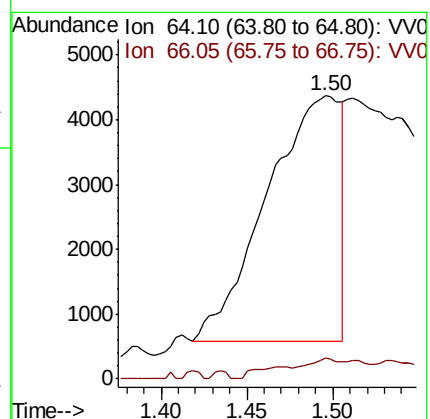
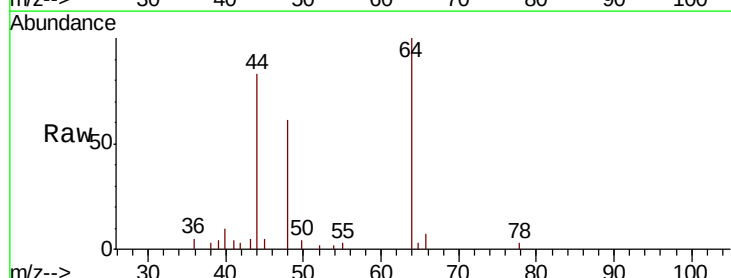
Acq: 27 Apr 2020 19:07

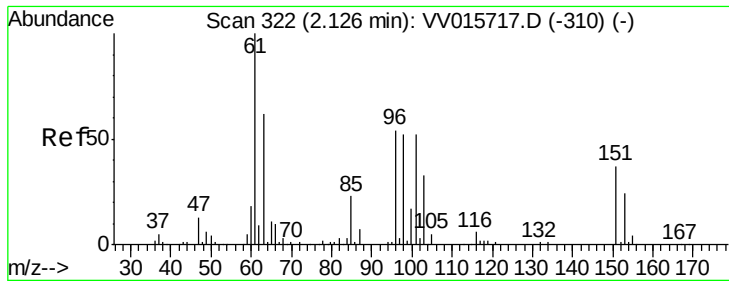
Tgt Ion: 64 Resp: 11309

Ion Ratio Lower Upper

64 100

66 7.1 22.3 41.5#





#12

1,1-Dichloroethene

Concen: 0.090 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015739.D

Acq: 27 Apr 2020 19:07

Instrument :
MSVOA_V
ClientSampleId :

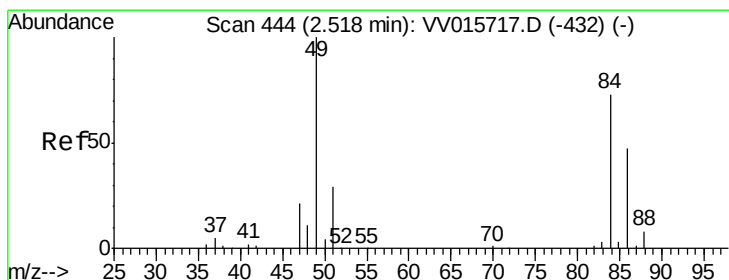
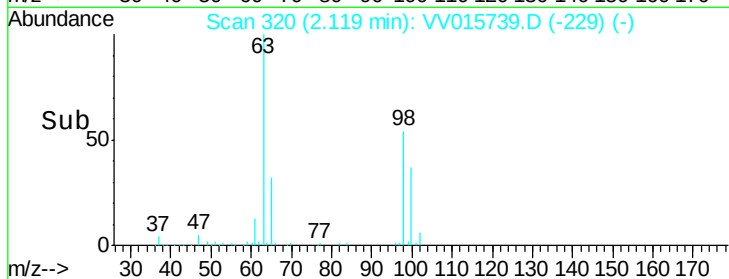
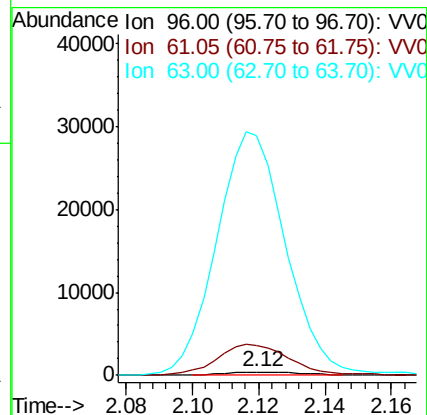
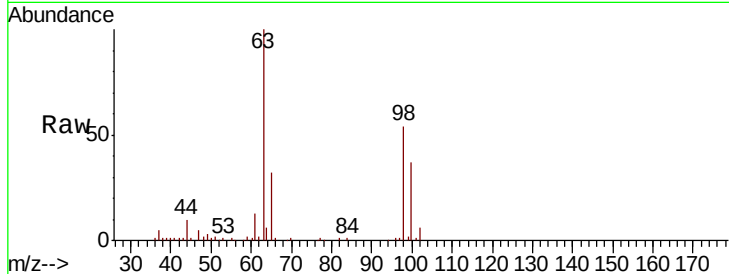
Tot Ion: 96 Resp: 634

Ion Ratio Lower Upper

96 100

61 911.2 130.1 241.7#

63 7168.2 91.4 169.8#



#16

Methylene chloride

Concen: 0.463 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.01 min

Lab File: VV015739.D

Acq: 27 Apr 2020 19:07

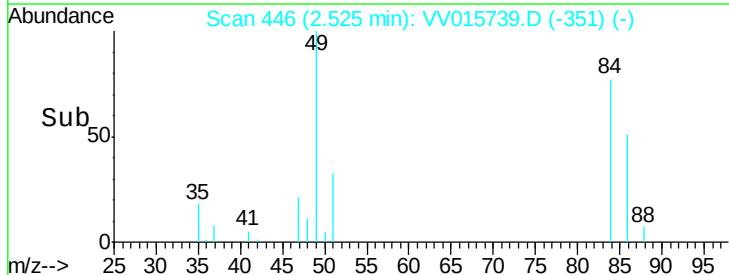
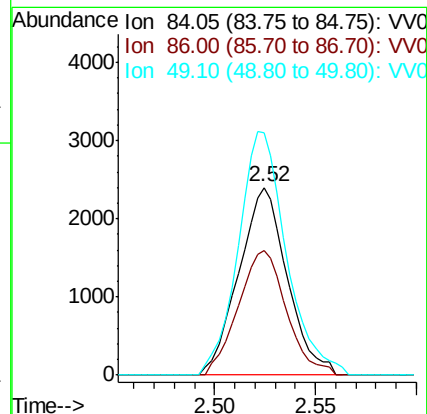
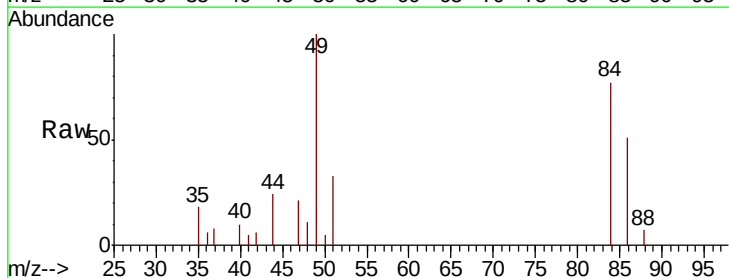
Tgt Ion: 84 Resp: 4017

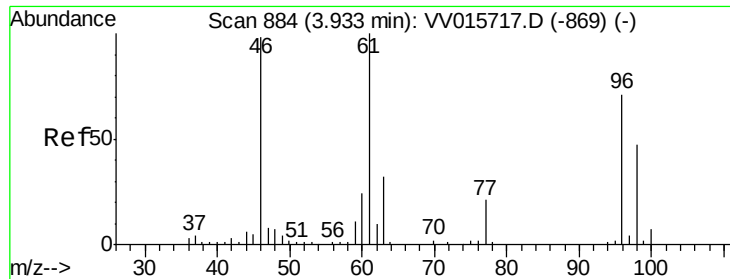
Ion Ratio Lower Upper

84 100

86 66.2 45.1 83.7

49 129.1 94.4 175.4

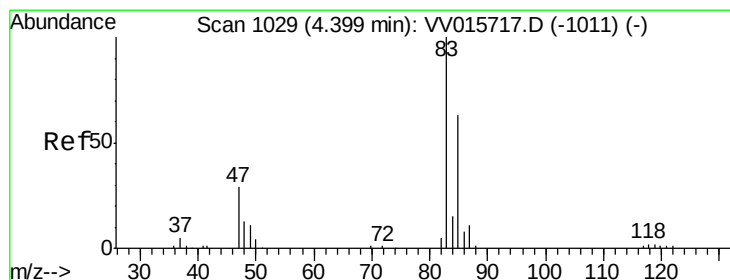
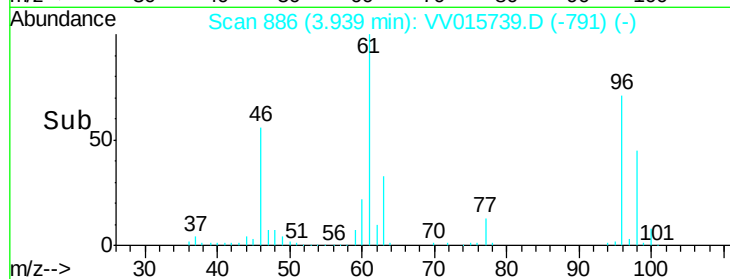
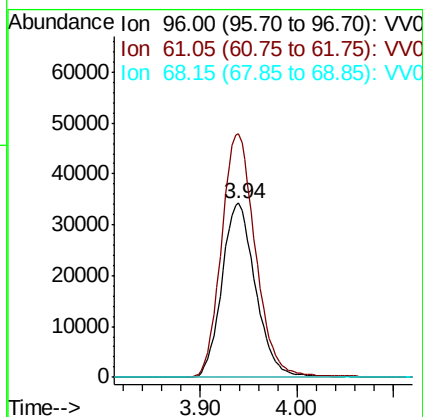
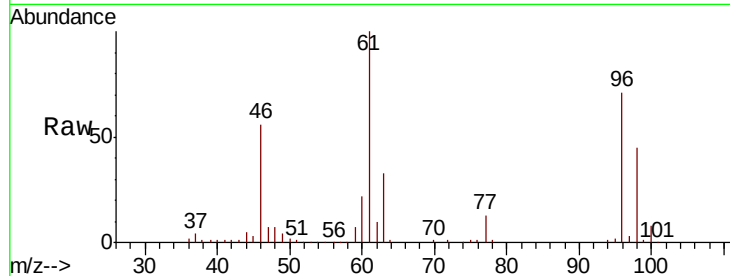




#22
 cis-1,2-Dichloroethene
 Concen: 9.488 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VV015739.D
 Acq: 27 Apr 2020 19:07

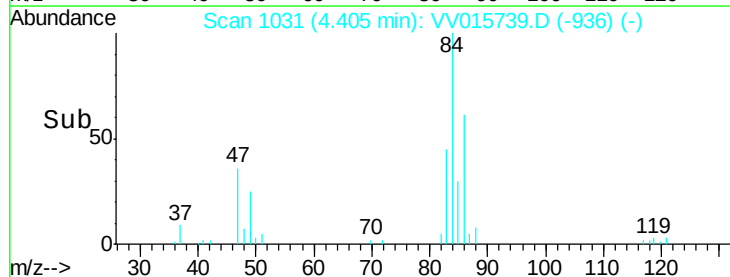
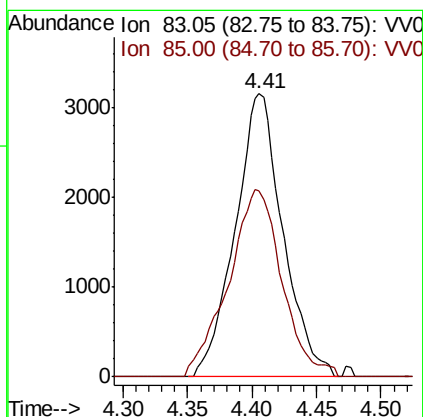
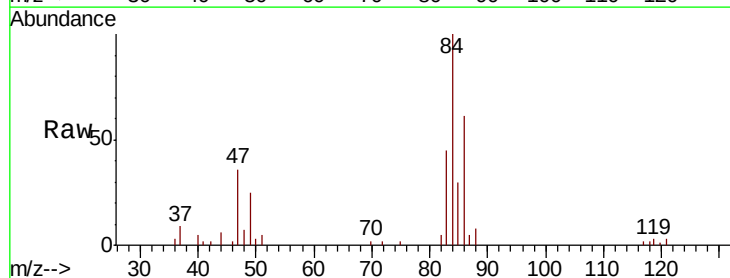
Instrument :
 MSVOA_V
 ClientSampleId :

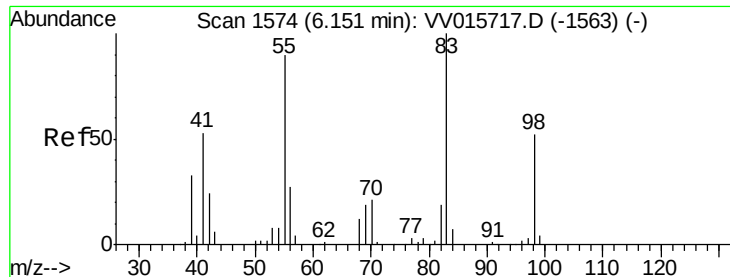
Tot Ion: 96 Resp: 82511
 Ion Ratio Lower Upper
 96 100
 61 139.9 96.4 179.0
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.496 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VV015739.D
 Acq: 27 Apr 2020 19:07

Tgt Ion: 83 Resp: 8133
 Ion Ratio Lower Upper
 83 100
 85 65.6 46.1 85.5

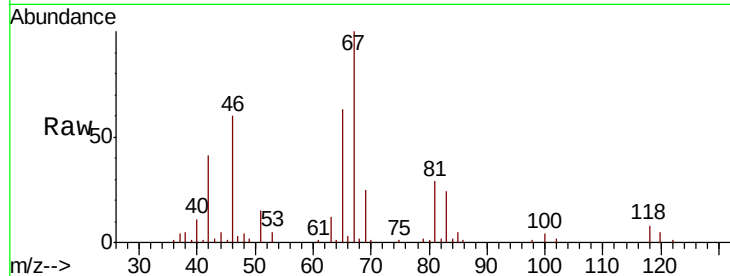




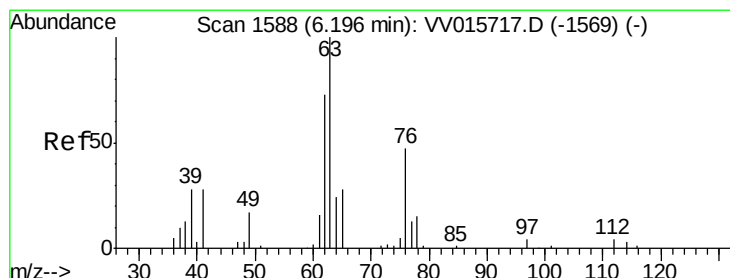
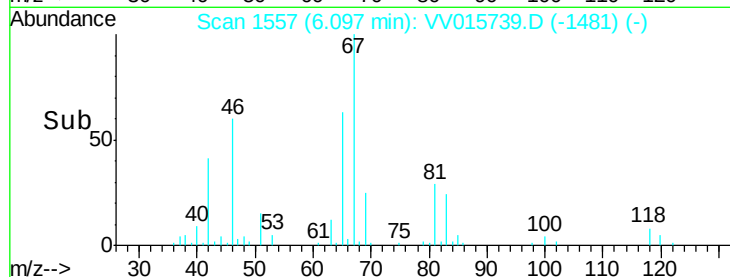
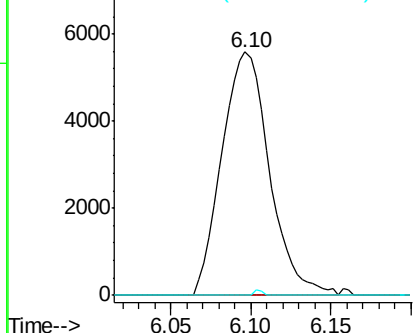
#35
Methylvlcyclohexane
Concen: 0.807 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015739.D
Acq: 27 Apr 2020 19:07

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 11376
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 0.4 39.5 59.3#

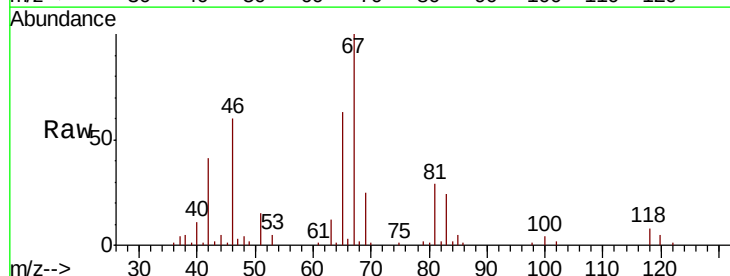


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

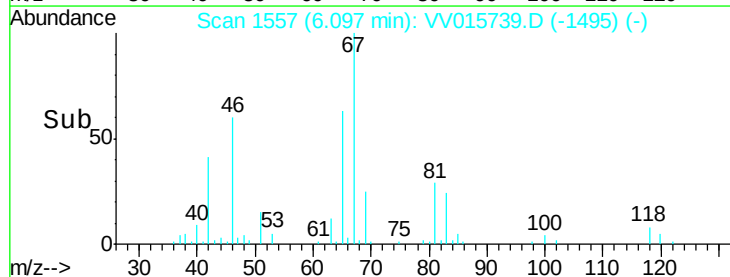
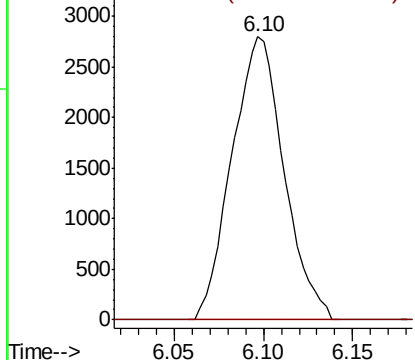


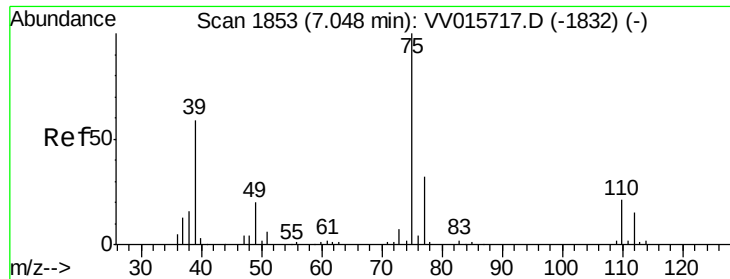
#37
1,2-Dichloropropane
Concen: 0.673 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015739.D
Acq: 27 Apr 2020 19:07

Tgt Ion: 63 Resp: 5689
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

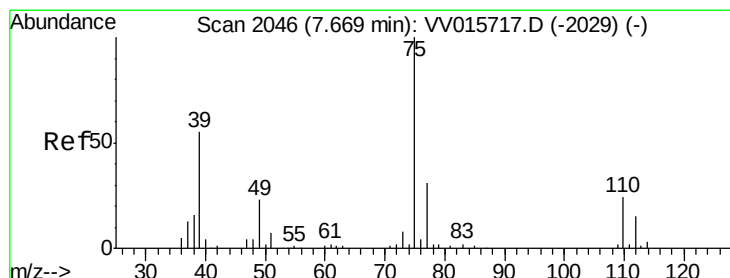
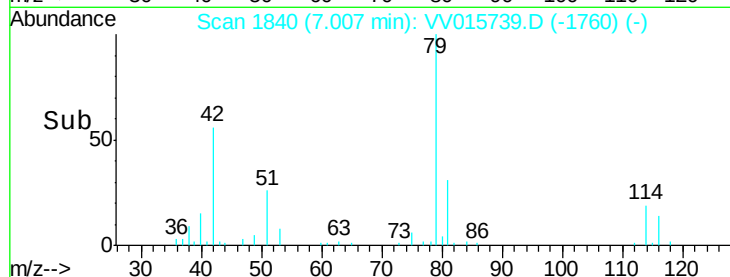
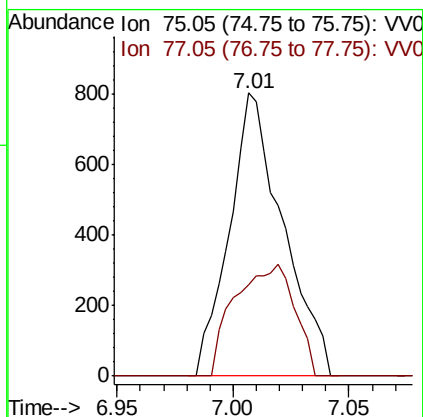
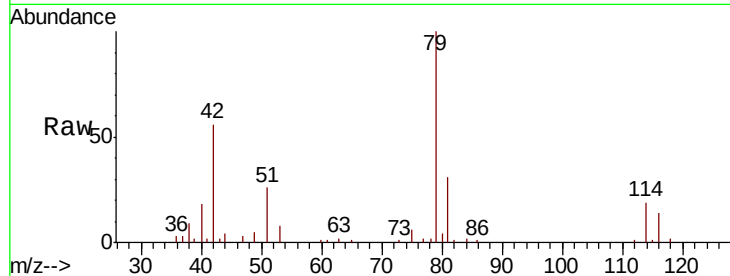




#39
 cis-1,3-Dichloropropene
 Concen: 0.110 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV015739.D
 Acq: 27 Apr 2020 19:07

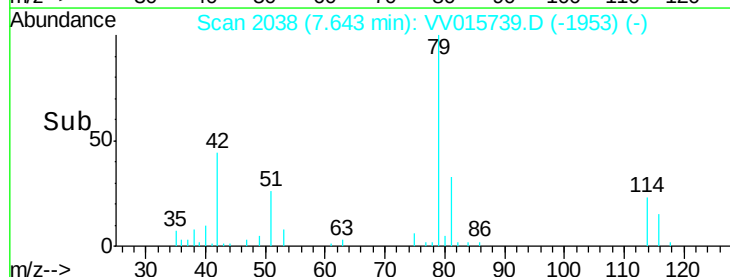
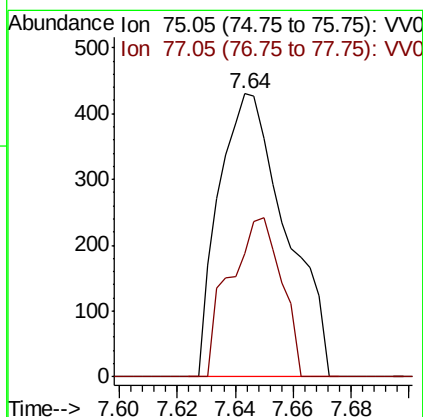
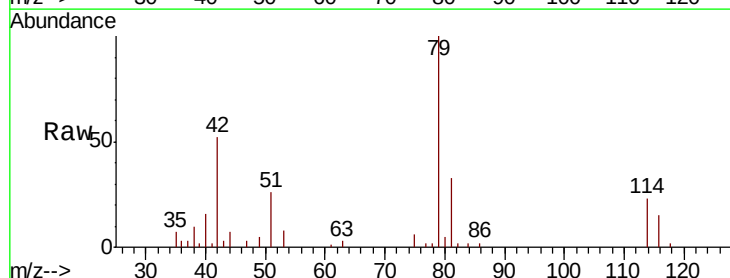
Instrument :
 MSVOA_V
 ClientSampleId :

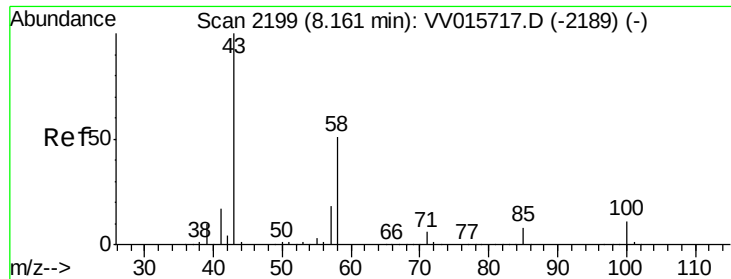
Tot Ion: 75 Resp: 1291
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.3 41.5



#44
 trans-1,3-Dichloropropene
 Concen: 0.070 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV015739.D
 Acq: 27 Apr 2020 19:07

Tgt Ion: 75 Resp: 690
 Ion Ratio Lower Upper
 75 100
 77 43.5 21.8 40.6#





#48

2-Hexanone

Concen: 1.034 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

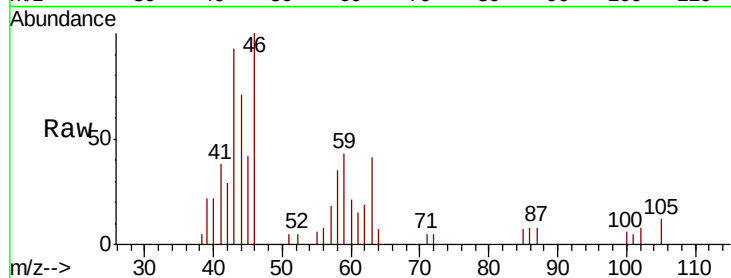
Lab File: VV015739.D

Acq: 27 Apr 2020 19:07

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 4043

Ion	Ratio	Lower	Upper
43	100		
58	5.2	41.1	61.7#
57	0.0	15.0	22.4#
100	5.3	9.0	13.4#



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

