

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042520\
 Data File : VV015705.D
 Acq On : 25 Apr 2020 19:47
 Operator : SY/MD
 Sample : L2413-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 27 01:17:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Apr 27 01:12:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	121607	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	120048	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	56590	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	25820	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.58	69	28299	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.12	63	44696	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	3.91	46	98973	48.50	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.00%
24) Chloroform-d	4.38	84	70936	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.06	65	42140	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.08	84	133303	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.09	67	43264	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.34	98	118681	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.65	79	10862	3.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.40%
46) 2-Hexanone-d5	8.11	63	75573	43.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.54%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31875	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	47022	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

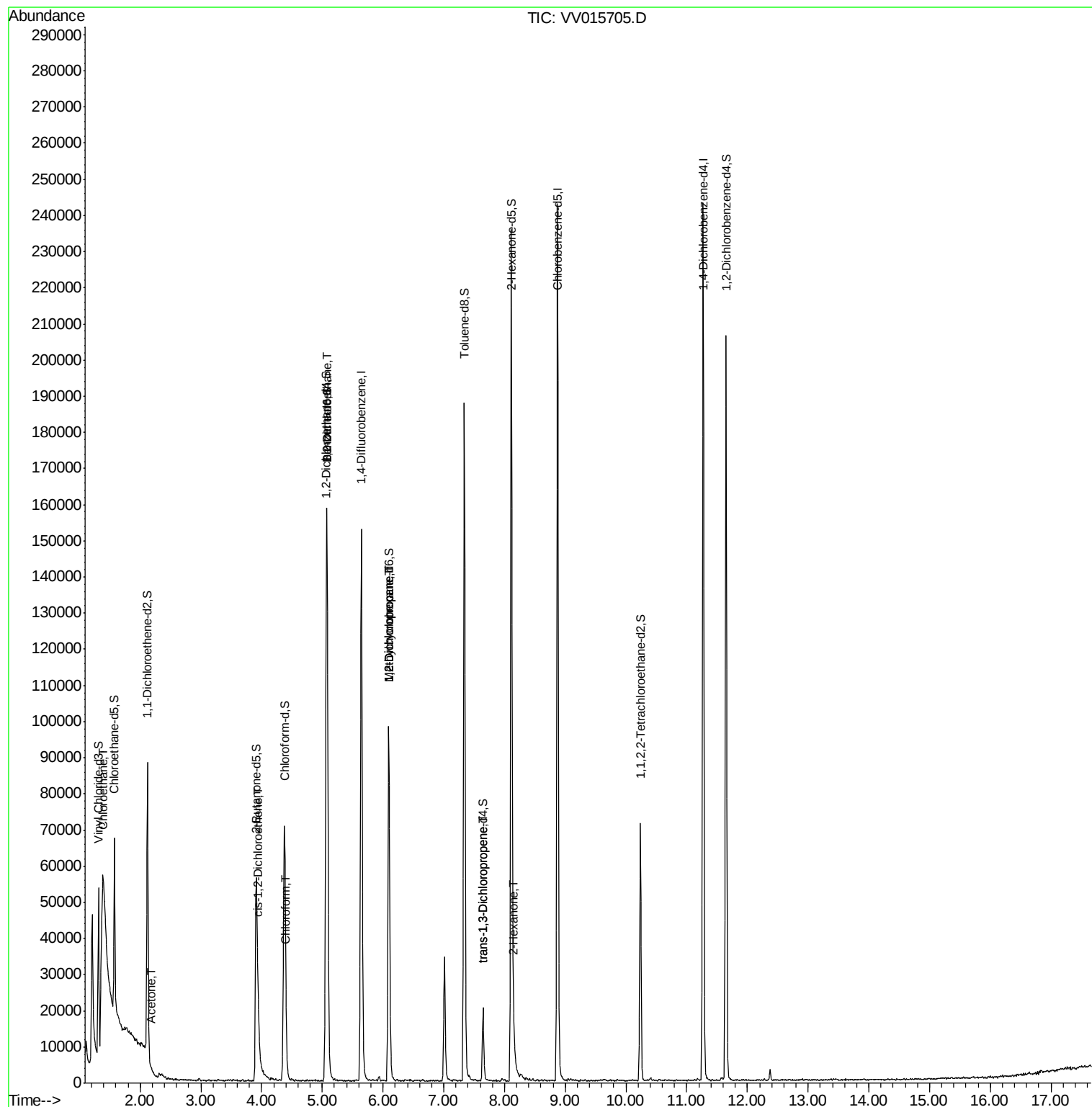
					Ovalue
8) Chloroethane	1.39	64	219324	34.698	ug/L # 52
13) Acetone	2.19	43	1689	1.192	ug/L 93
22) cis-1,2-Dichloroethene	3.95	96	1171	0.134	ug/L 96
25) Chloroform	4.41	83	1962	0.119	ug/L 97
27) 1,2-Dichloroethane	5.08	62	1038	0.096	ug/L # 78
35) Methylcyclohexane	6.09	83	10920	0.751	ug/L # 16
37) 1,2-Dichloropropane	6.09	63	5572	0.639	ug/L # 86
44) trans-1,3-Dichloropropene	7.64	75	636	0.062	ug/L # 73
48) 2-Hexanone	8.16	43	2225	0.551	ug/L # 44

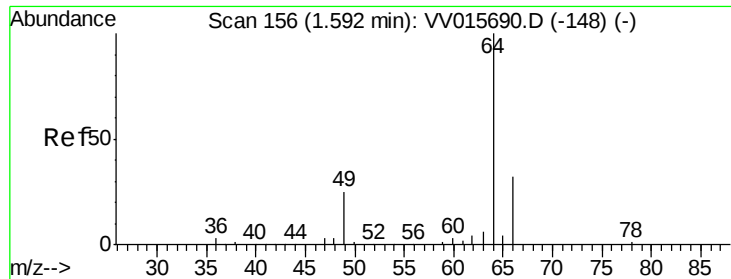
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 34.698 ug/L

RT: 1.39 min Scan# 93

Delta R.T. -0.20 min

Lab File: VV015705.D

Acq: 25 Apr 2020 19:47

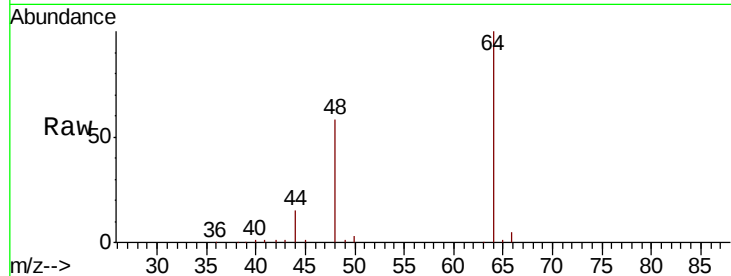
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 64 Resp: 219324

Ion Ratio Lower Upper

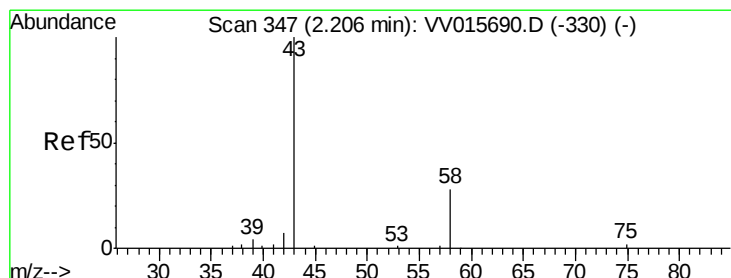
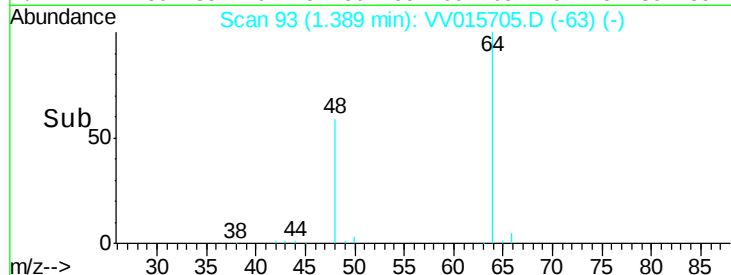
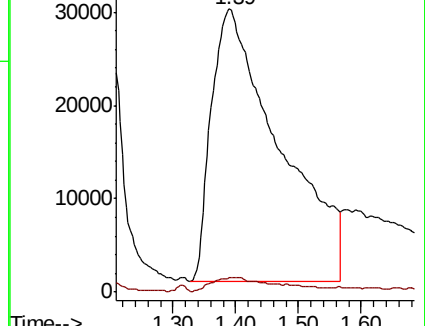
64 100

66 5.0 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VV015690.D (-148) (-)

Ion 66.05 (65.75 to 66.75): VV015690.D (-148) (-)



#13

Acetone

Concen: 1.192 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

Lab File: VV015705.D

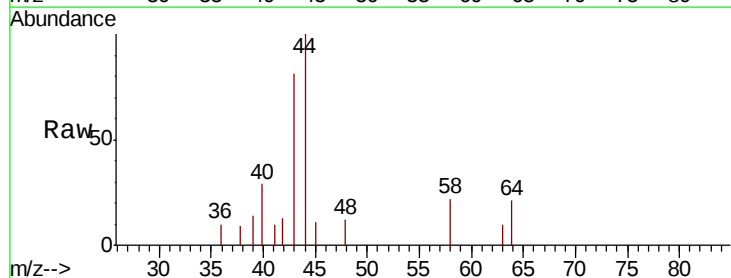
Acq: 25 Apr 2020 19:47

Tgt Ion: 43 Resp: 1689

Ion Ratio Lower Upper

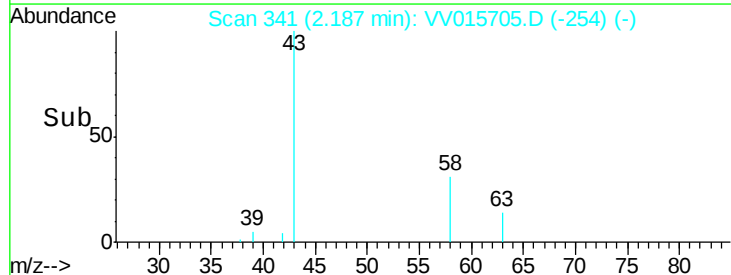
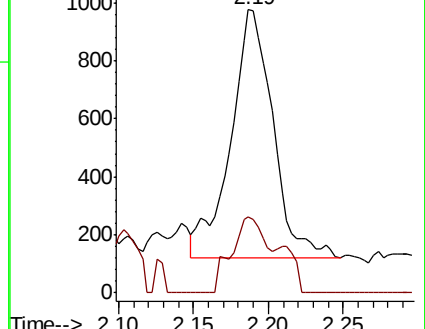
43 100

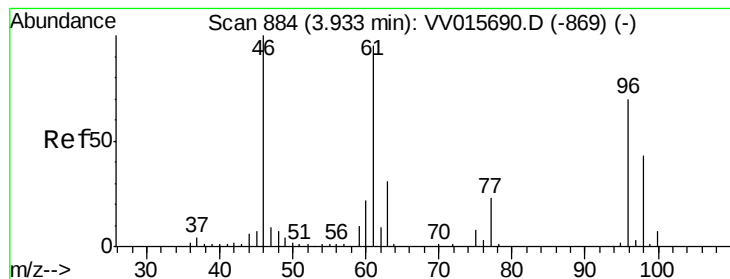
58 24.8 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV015690.D (-330) (-)

Ion 58.05 (57.75 to 58.75): VV015690.D (-330) (-)



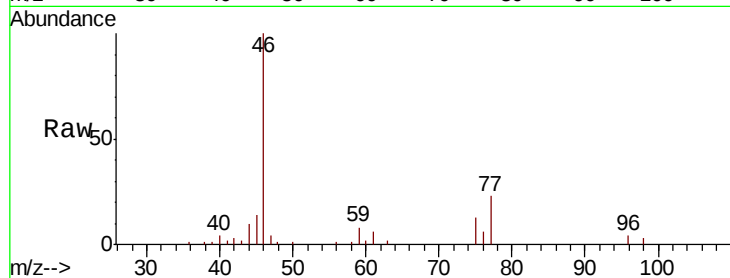


#22

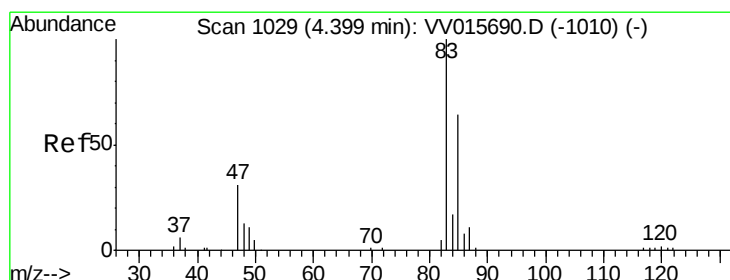
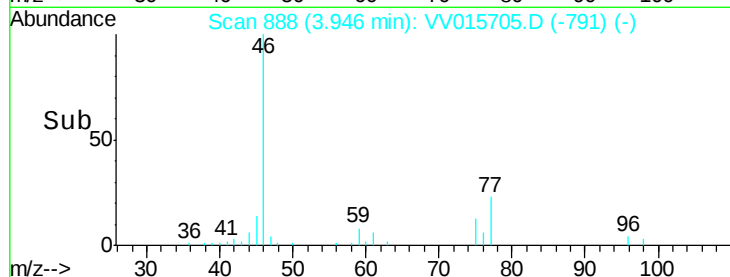
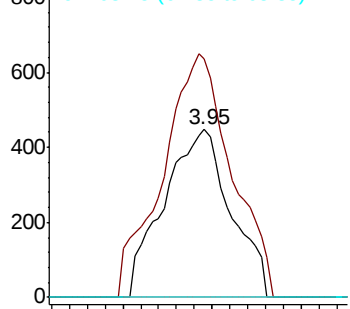
cis-1,2-Dichloroethene
Concen: 0.134 ug/L
RT: 3.95 min Scan# 888
Delta R.T. 0.01 min
Lab File: VV015705.D
Acq: 25 Apr 2020 19:47

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 96 Resp: 1171
Ion Ratio Lower Upper
96 100
61 142.2 96.4 179.0
68 0.0 0.0 0.0



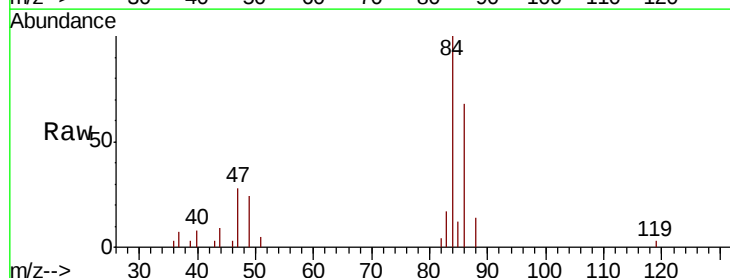
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



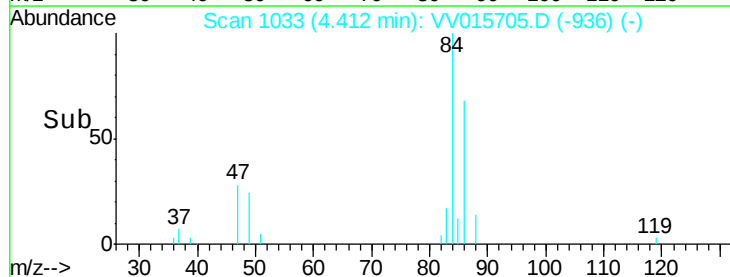
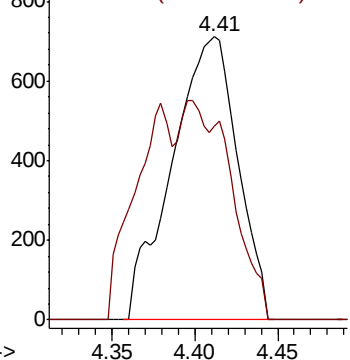
#25

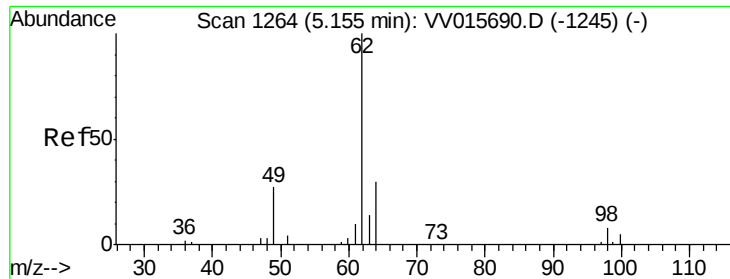
Chloroform
Concen: 0.119 ug/L
RT: 4.41 min Scan# 1033
Delta R.T. 0.01 min
Lab File: VV015705.D
Acq: 25 Apr 2020 19:47

Tgt Ion: 83 Resp: 1962
Ion Ratio Lower Upper
83 100
85 68.5 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

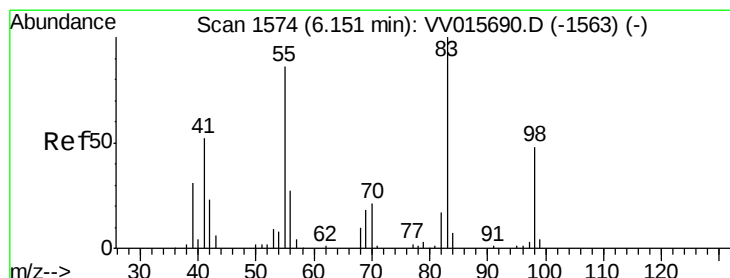
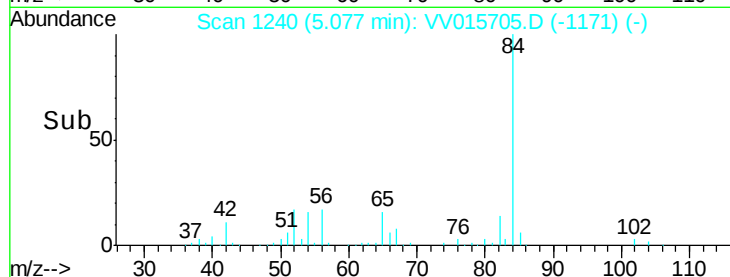
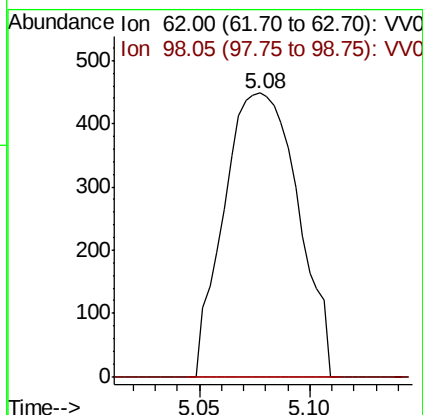
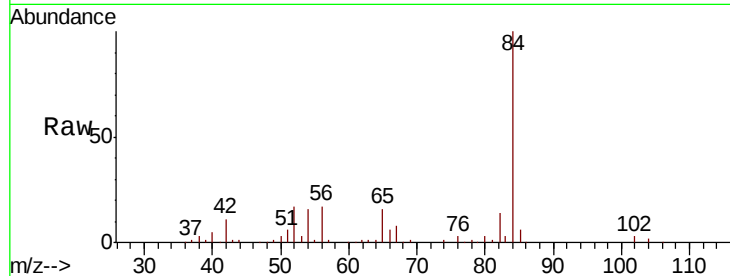




#27
 1,2-Dichloroethane
 Concen: 0.096 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.08 min
 Lab File: VV015705.D
 Acq: 25 Apr 2020 19:47

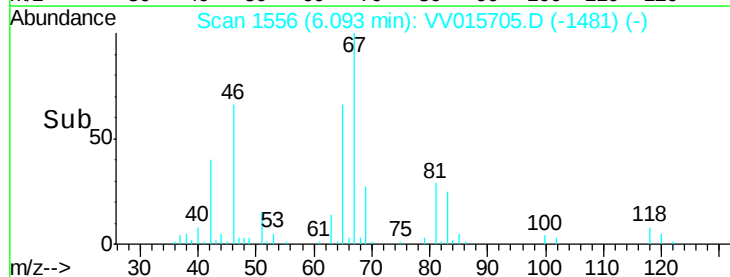
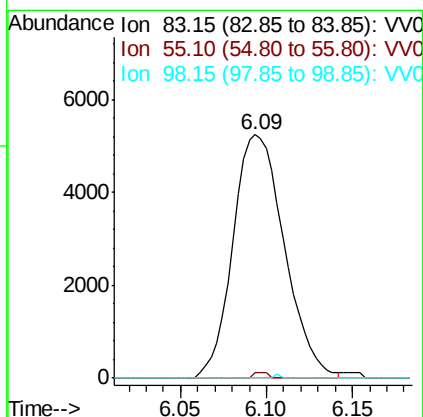
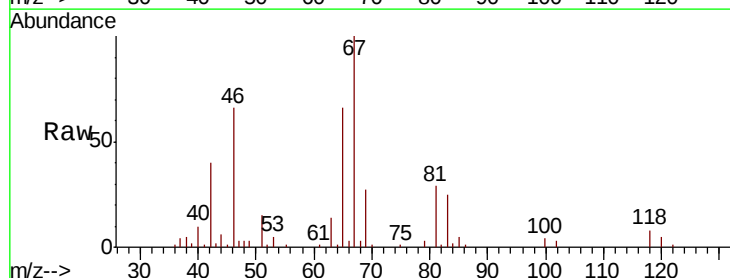
Instrument :
 MSVOA_V
 ClientSampleId :

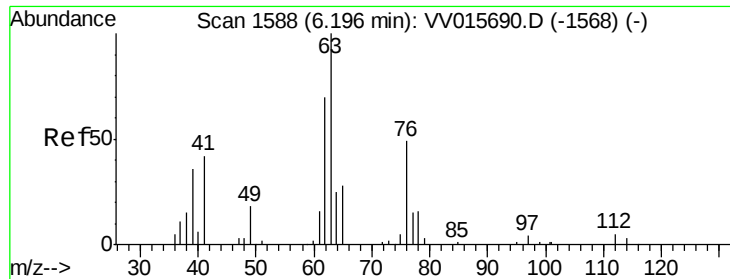
Tot Ion: 62 Resp: 1038
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.3 9.5#



#35
 Methylcyclohexane
 Concen: 0.751 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV015705.D
 Acq: 25 Apr 2020 19:47

Tgt Ion: 83 Resp: 10920
 Ion Ratio Lower Upper
 83 100
 55 0.6 66.6 99.8#
 98 0.2 39.5 59.3#

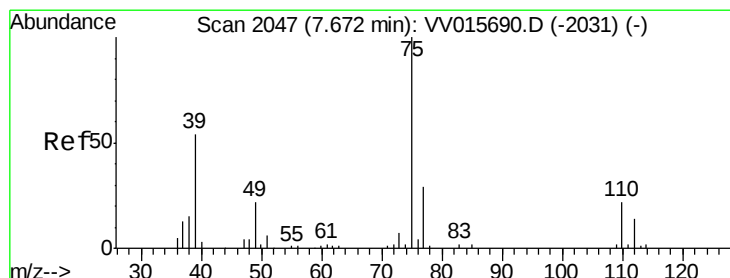
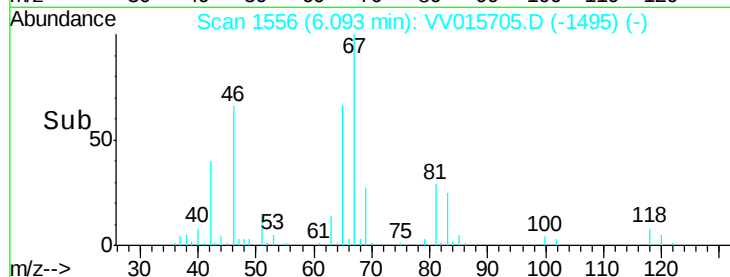
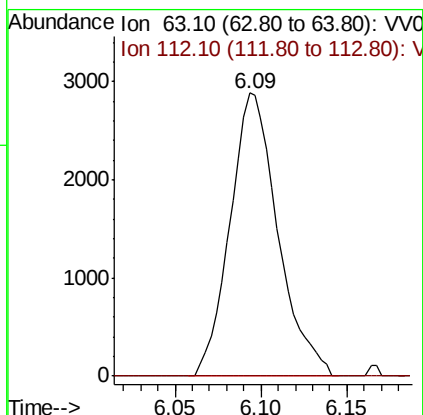
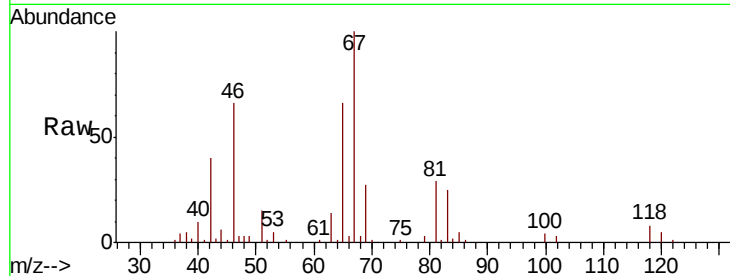




#37
 1,2-Dichloropropane
 Concen: 0.639 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV015705.D
 Acq: 25 Apr 2020 19:47

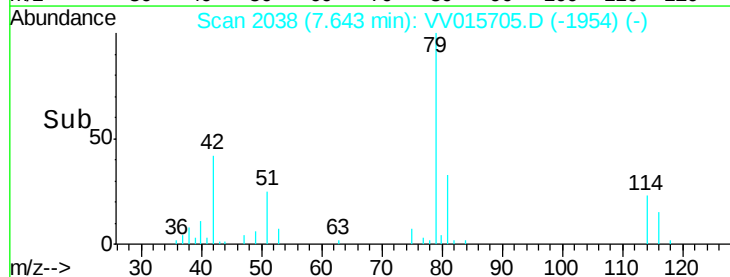
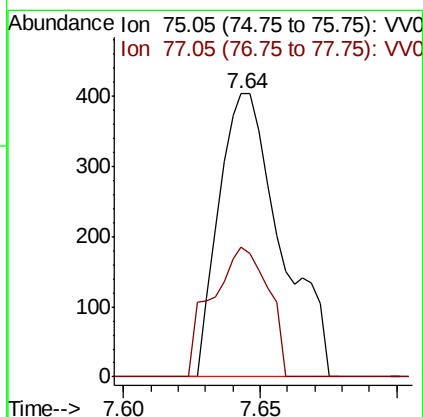
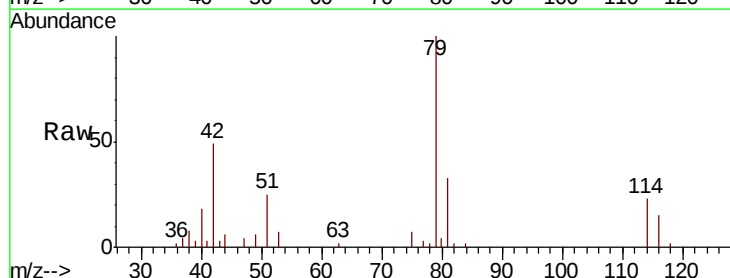
Instrument :
 MSVOA_V
 ClientSampleId :

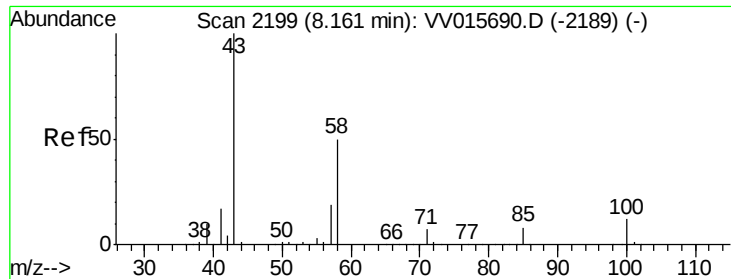
Tot Ion: 63 Resp: 5572
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.062 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV015705.D
 Acq: 25 Apr 2020 19:47

Tgt Ion: 75 Resp: 636
 Ion Ratio Lower Upper
 75 100
 77 45.9 21.8 40.6#





#48

2-Hexanone

Concen: 0.551 ug/L

RT: 8.16 min Scan# 2198

Delta R.T. -0.00 min

Lab File: VV015705.D

Acq: 25 Apr 2020 19:47

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	2225
Ion	Ratio	Lower	Upper
43	100		
58	0.0	41.1	61.7#
57	28.5	15.0	22.4#
100	0.0	9.0	13.4#

