

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072920\
 Data File : VV017729.D
 Acq On : 29 Jul 2020 14:40
 Operator : SY/MD
 Sample : L3470-01DL 20X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 30 04:31:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 30 04:28:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	157614	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	151762	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	81349	5.00	ug/L	0.00

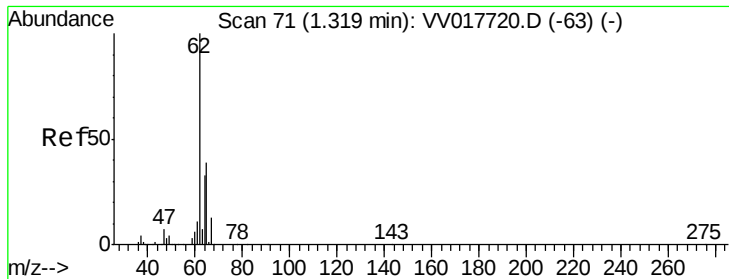
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	33002	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.58	69	28207	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.12	63	56202	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	3.96	46	69622	38.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.34%
24) Chloroform-d	4.37	84	79557	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.06	65	44670	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.07	84	141205	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.09	67	38954	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.80%
41) Toluene-d8	7.34	98	128409	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
45) trans-1,3-Dichloropropene-	7.65	79	15817	3.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.00%
48) 2-Hexanone-d5	8.12	63	48892	37.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.88%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26889	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	55234	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	14888	1.322 ug/L	90
8) Chloroethane	1.57	64	942	0.145 ug/L #	52
15) Methyl Acetate	2.46	43	662	0.241 ug/L #	69
16) Methylene chloride	2.52	84	7371	0.781 ug/L	96
22) cis-1,2-Dichloroethene	3.93	96	218599	18.770 ug/L	98
34) Trichloroethene	5.94	95	17458	1.455 ug/L	97
35) Methylcyclohexane	6.10	83	11296	0.622 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	5661	0.561 ug/L #	87
50) 2-Hexanone	8.12	43	7438	1.899 ug/L #	75
67) 1,2-Dibromo-3-chloropropan	12.40	75	427	0.286 ug/L #	1

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



#5

Vinyl chloride

Concen: 1.322 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

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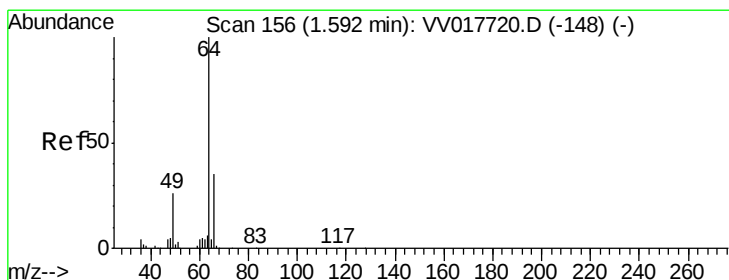
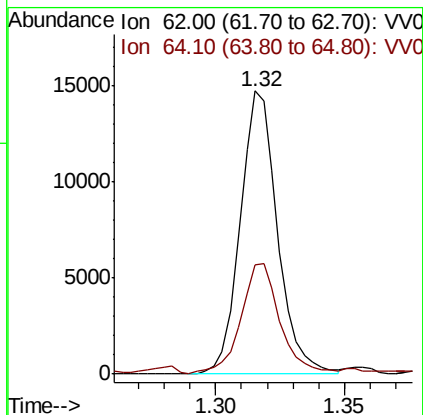
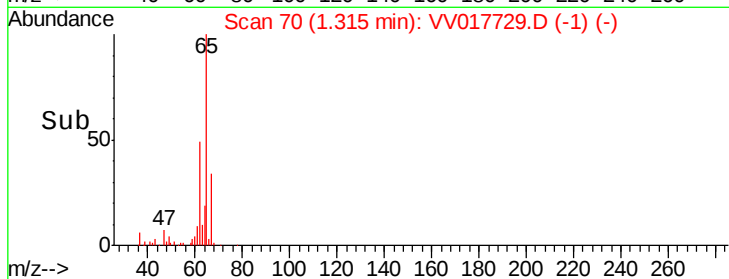
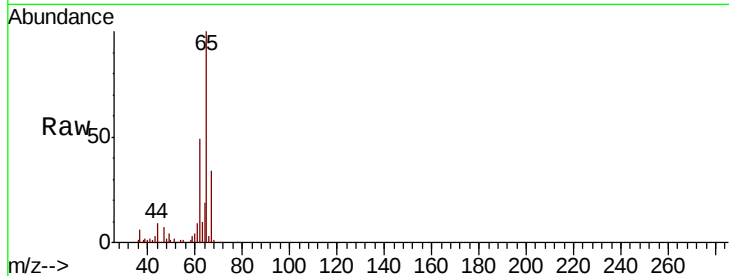
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 14888

Ion Ratio Lower Upper

62 100

64 38.4 23.0 42.8



#8

Chloroethane

Concen: 0.145 ug/L

RT: 1.57 min Scan# 150

Delta R.T. -0.02 min

Lab File: VV017729.D

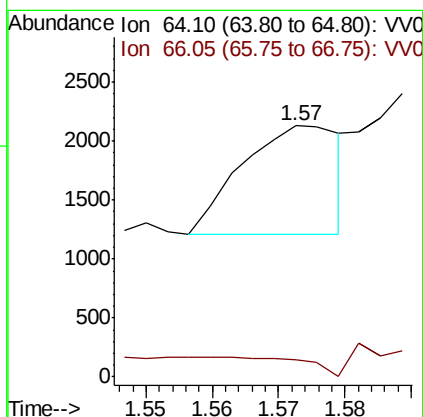
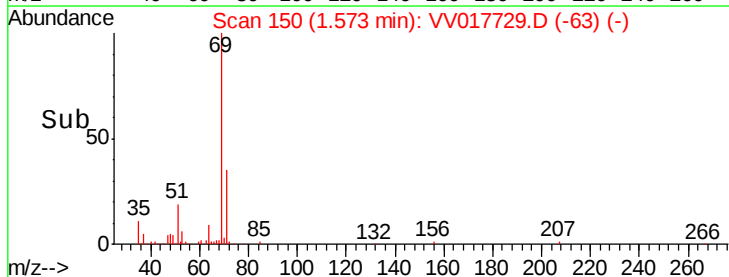
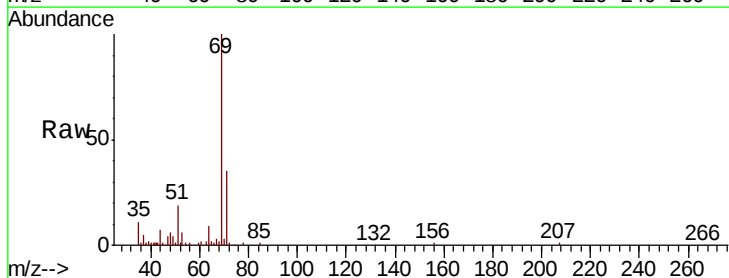
Acq: 29 Jul 2020 14:40

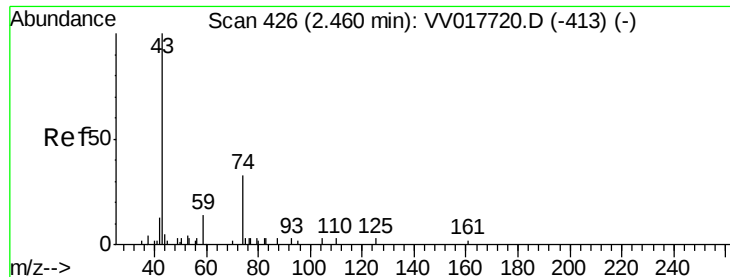
Tgt Ion: 64 Resp: 942

Ion Ratio Lower Upper

64 100

66 6.9 24.0 44.6#

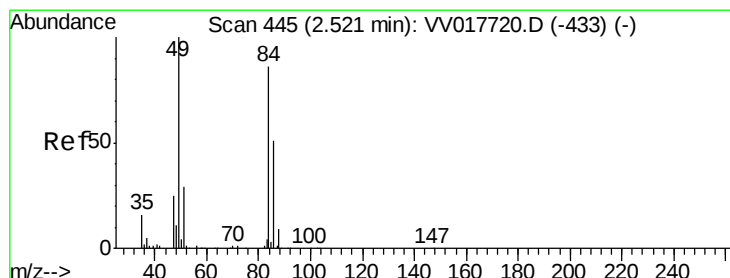
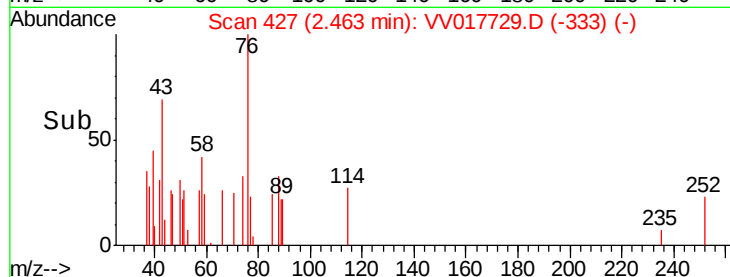
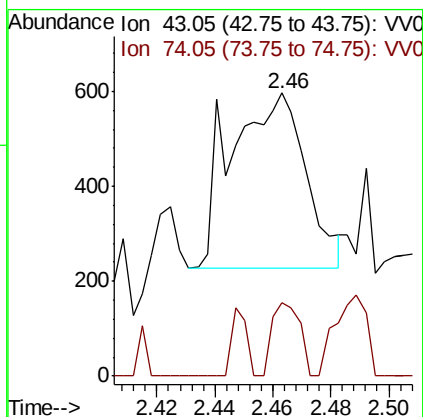
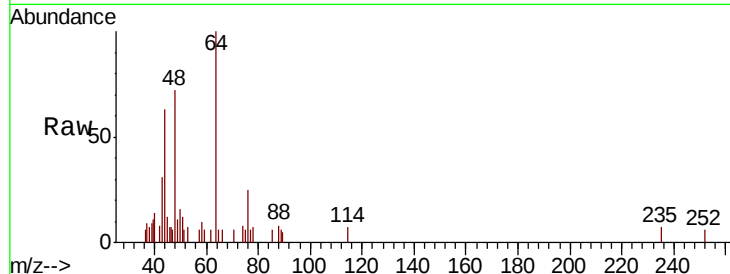




#15
Methyl Acetate
Concen: 0.241 ug/L
RT: 2.46 min Scan# 427
Delta R.T. 0.00 min
Lab File: VV017729.D
Acq: 29 Jul 2020 14:40

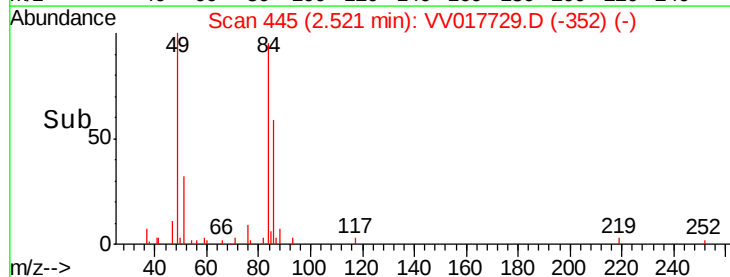
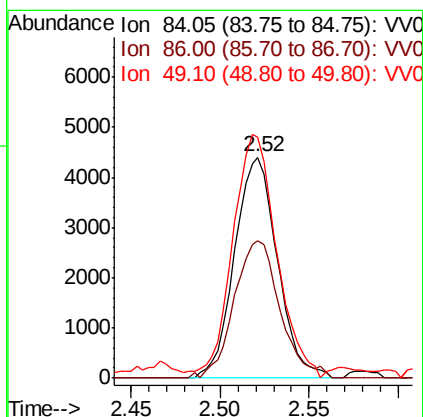
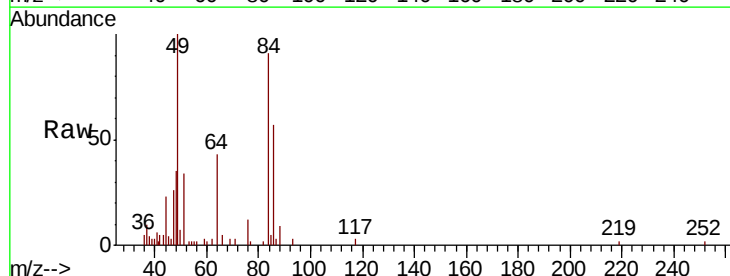
Instrument :
MSVOA_V
ClientSampled :

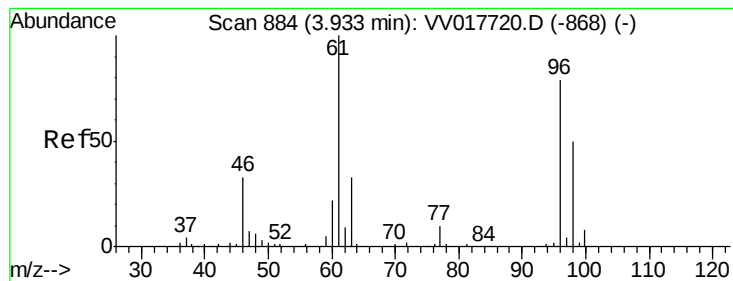
Tot Ion: 43 Resp: 662
Ion Ratio Lower Upper
43 100
74 15.6 26.6 40.0#



#16
Methylene chloride
Concen: 0.781 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.00 min
Lab File: VV017729.D
Acq: 29 Jul 2020 14:40

Tgt Ion: 84 Resp: 7371
Ion Ratio Lower Upper
84 100
86 62.3 46.5 86.3
49 109.4 79.2 147.2



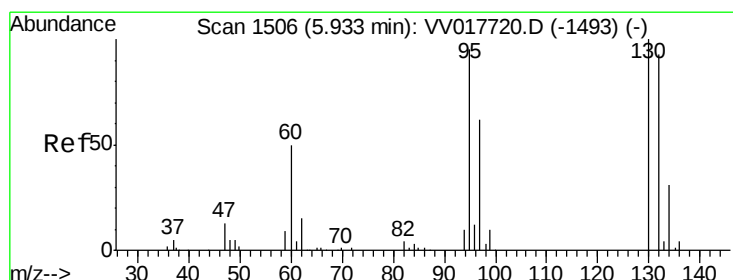
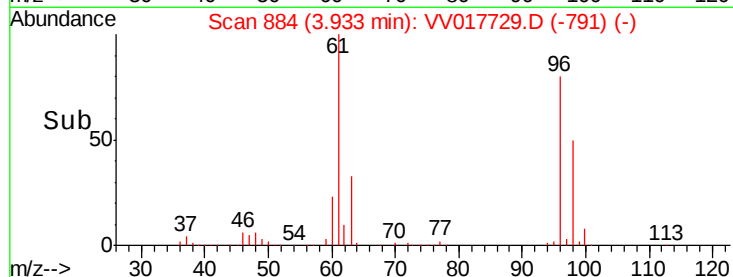
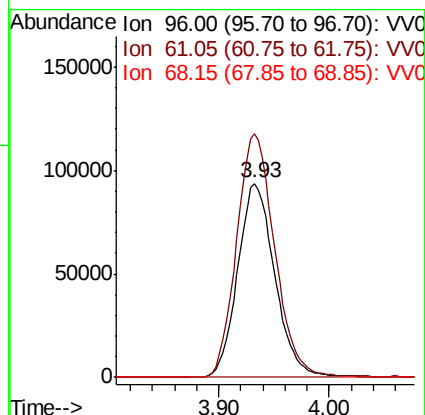
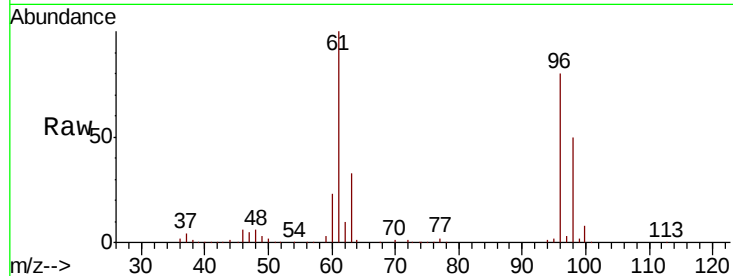


#22

cis-1,2-Dichloroethene
Concen: 18.770 ug/L
RT: 3.93 min Scan# 884
Delta R.T. -0.00 min
Lab File: VV017729.D
Acq: 29 Jul 2020 14:40

Instrument :
MSVOA_V
ClientSampleId :

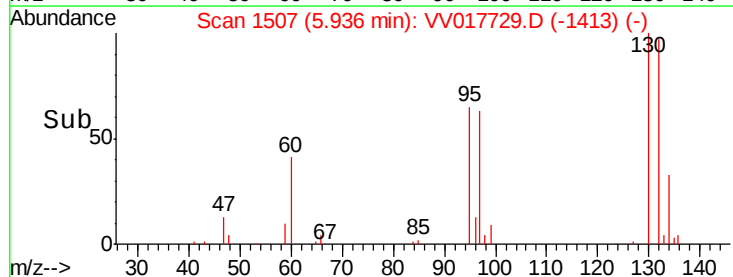
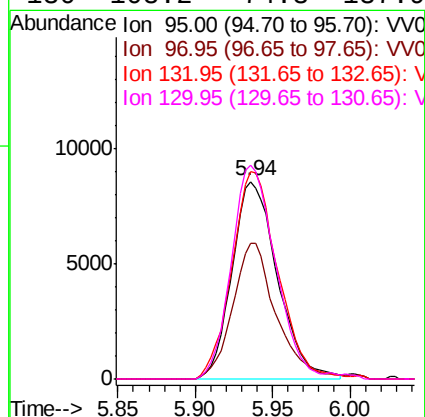
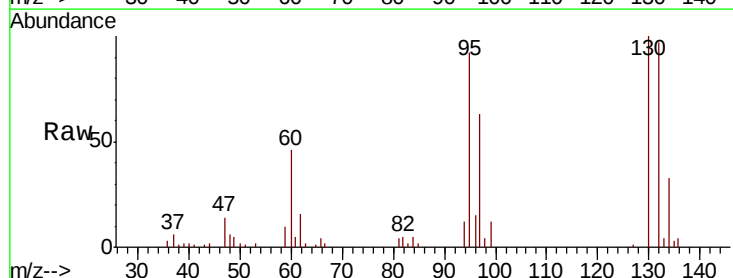
Tot Ion: 96 Resp: 218599
Ion Ratio Lower Upper
96 100
61 125.4 89.6 166.4
68 0.0 0.0 0.0

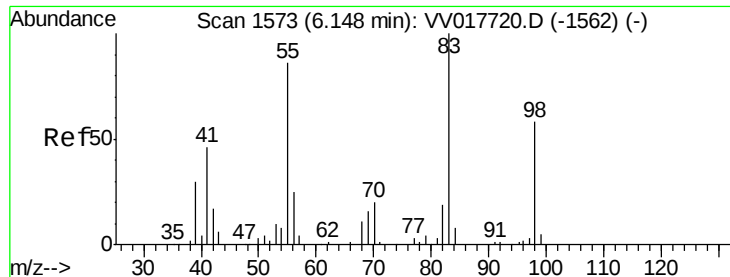


#34

Trichloroethene
Concen: 1.455 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV017729.D
Acq: 29 Jul 2020 14:40

Tgt Ion: 95 Resp: 17458
Ion Ratio Lower Upper
95 100
97 68.7 46.1 85.5
132 105.1 71.7 133.1
130 108.2 74.3 137.9

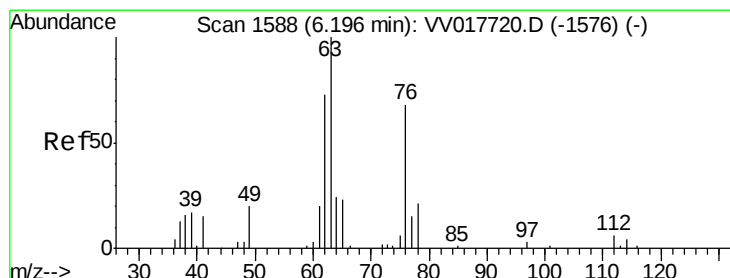
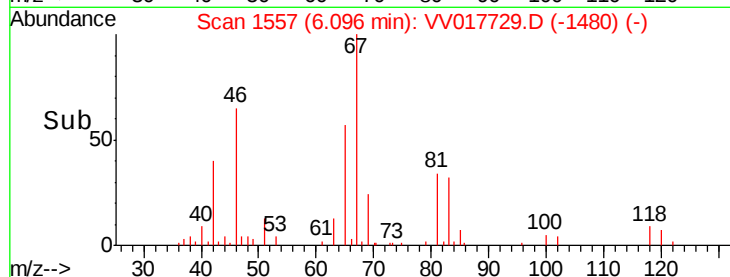
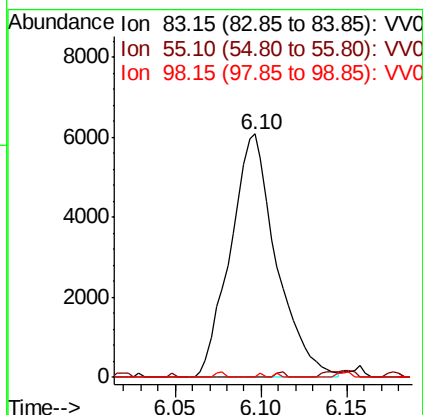
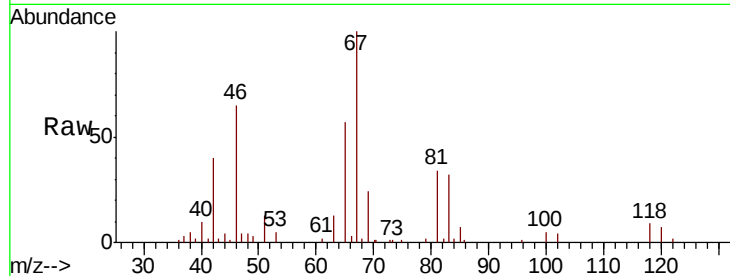




#35
Methvlcvclohexane
Concen: 0.622 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017729.D
Acq: 29 Jul 2020 14:40

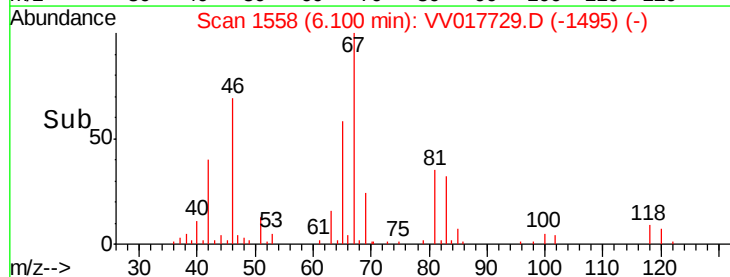
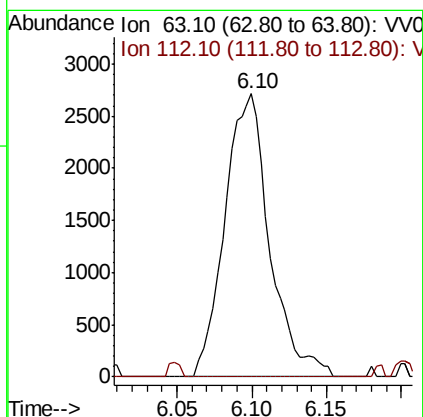
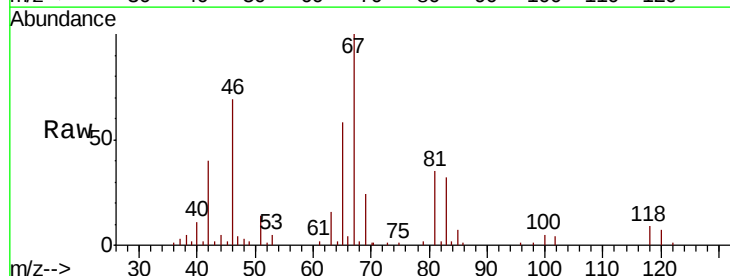
Instrument :
MSVOA_V
ClientSampleId :

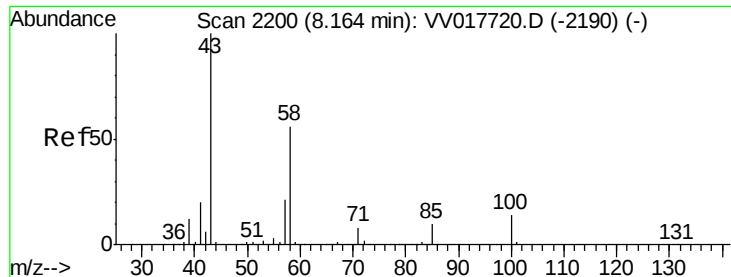
Tot Ion: 83 Resp: 11296
Ion Ratio Lower Upper
83 100
55 0.4 61.8 92.8#
98 0.4 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.561 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.10 min
Lab File: VV017729.D
Acq: 29 Jul 2020 14:40

Tgt Ion: 63 Resp: 5661
Ion Ratio Lower Upper
63 100
112 1.3 4.5 6.7#

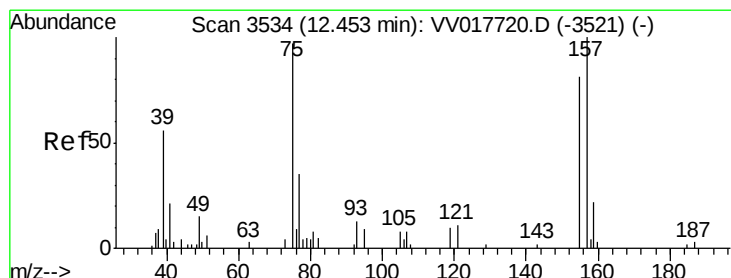
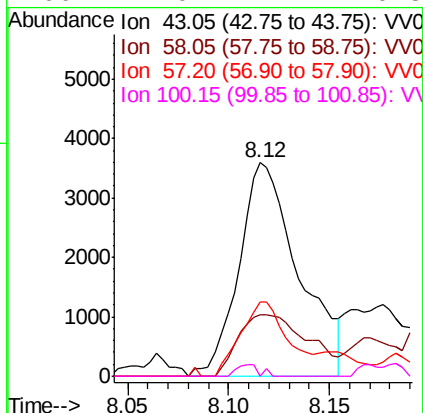
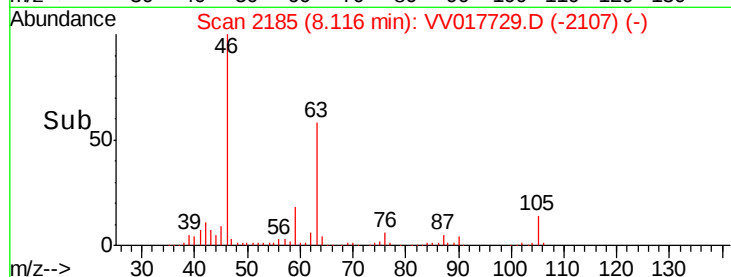
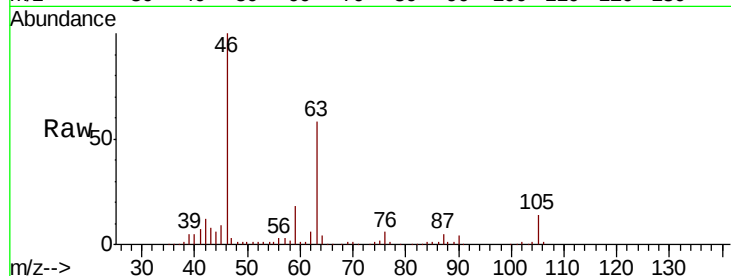




#50
2-Hexanone
Concen: 1.899 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV017729.D
Acq: 29 Jul 2020 14:40

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 7438
Ion Ratio Lower Upper
43 100
58 33.8 41.6 62.4#
57 27.6 15.4 23.0#
100 2.0 11.2 16.8#



#67
1,2-Dibromo-3-chloropropane
Concen: 0.286 ug/L
RT: 12.40 min Scan# 3516
Delta R.T. -0.06 min
Lab File: VV017729.D
Acq: 29 Jul 2020 14:40

Tgt Ion: 75 Resp: 427
Ion Ratio Lower Upper
75 100
155 0.0 68.7 103.1#
157 0.0 87.8 131.8#

