

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070720\
 Data File : VV017373.D
 Acq On : 07 Jul 2020 13:02
 Operator : SY/MD
 Sample : L3168-17
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 08 01:34:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 08 01:30:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	158578	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	152940	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	73544	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40996	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.58	69	34369	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.13	63	68534	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	3.93	46	101793	41.96	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.92%
24) Chloroform-d	4.38	84	98152	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.06	65	53923	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.08	84	175572	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.10	67	49014	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.60%
41) Toluene-d8	7.34	98	160689	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
45) trans-1,3-Dichloropropene-	7.64	79	21110	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
48) 2-Hexanone-d5	8.11	63	65448	34.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.44%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34491	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	65877	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

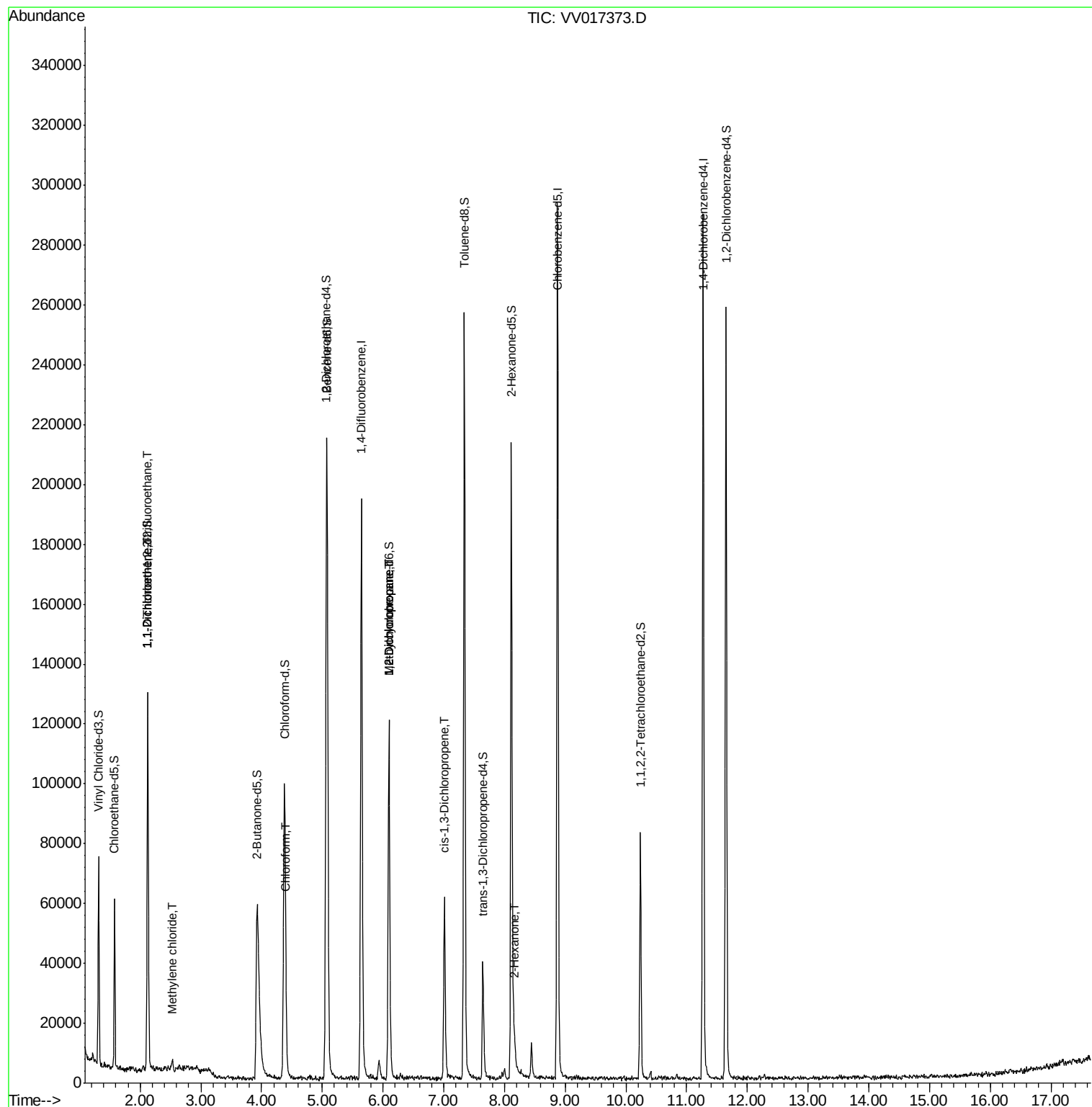
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	686	0.082	ug/L #	19
12) 1,1-Dichloroethene	2.13	96	736	0.097	ug/L #	1
16) Methylene chloride	2.53	84	1365	0.167	ug/L	79
25) Chloroform	4.41	83	3616	0.183	ug/L	87
35) Methylcyclohexane	6.10	83	13462	0.738	ug/L #	18
37) 1,2-Dichloropropane	6.10	63	6517	0.657	ug/L #	84
39) cis-1,3-Dichloropropene	7.01	75	1735	0.118	ug/L #	81
50) 2-Hexanone	8.16	43	6495	1.594	ug/L #	64

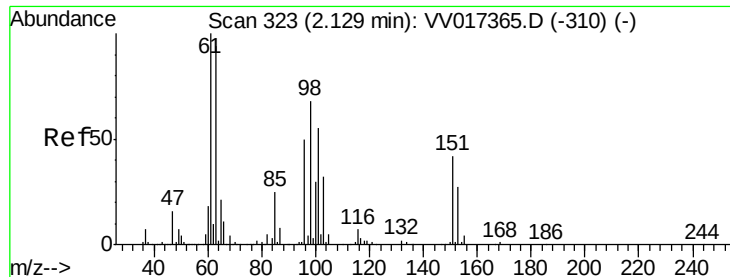
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 08 01:30:57 2020
Response via : Initial Calibration





#10

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

Concen: 0.082 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017373.D

Acq: 07 Jul 2020 13:02

Instrument :

MSVOA_V

ClientSampleId :

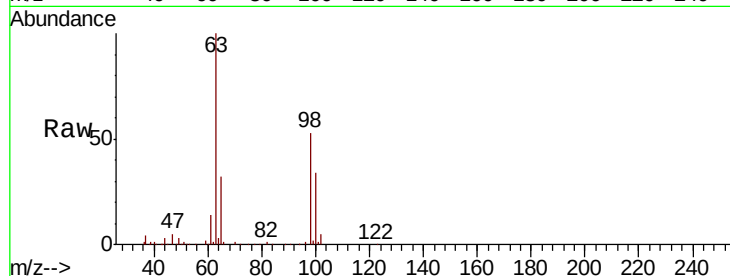
Tot Ion:101 Resp: 686

Ion Ratio Lower Upper

101 100

85 2.9 35.4 53.2#

151 0.0 63.9 95.9#



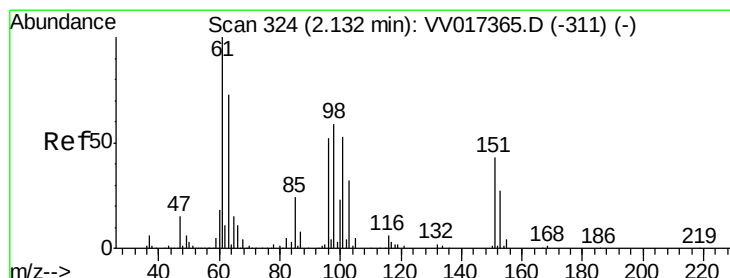
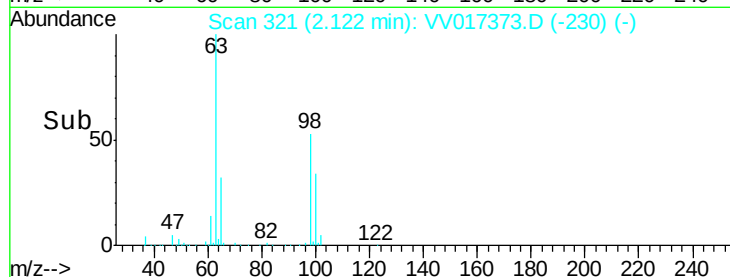
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

2.12

Time-->



#12

1,1-Dichloroethene

Concen: 0.097 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017373.D

Acq: 07 Jul 2020 13:02

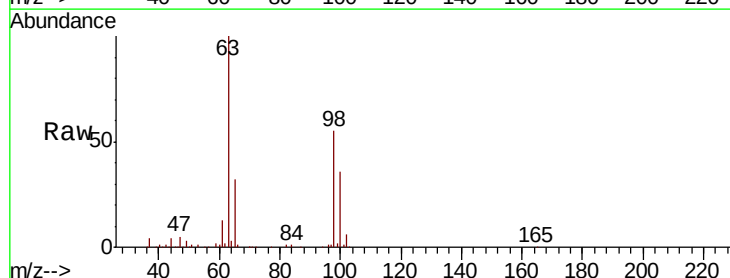
Tgt Ion: 96 Resp: 736

Ion Ratio Lower Upper

96 100

61 1210.7 125.0 232.2#

63 9268.7 109.8 203.8#



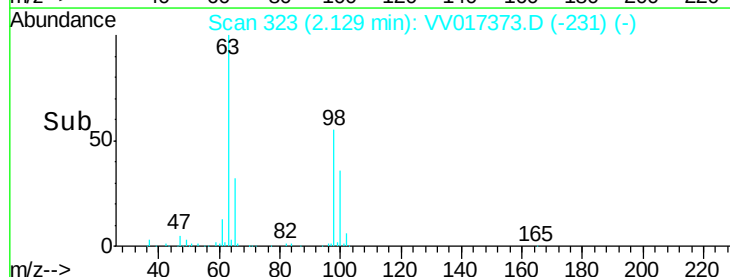
Abundance Ion 96.00 (95.70 to 96.70): VV0

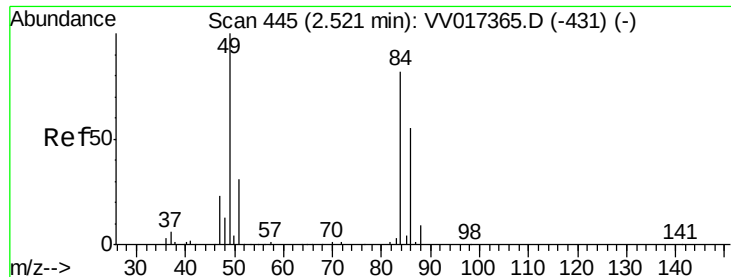
Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

2.13

Time-->

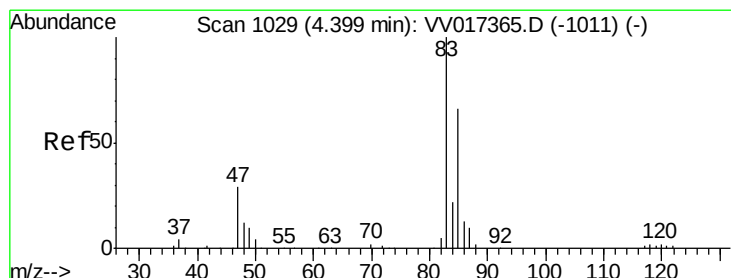
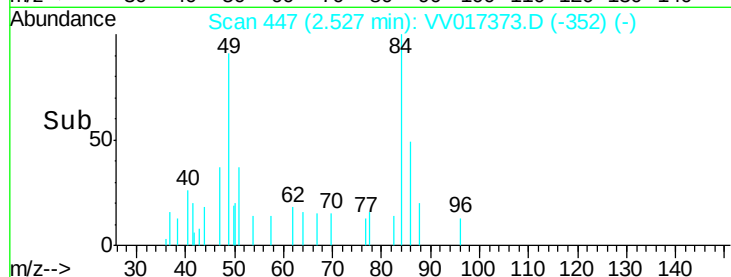
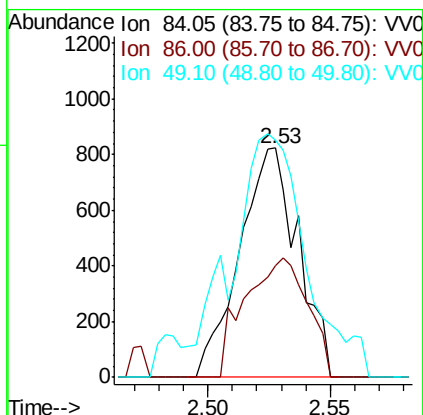
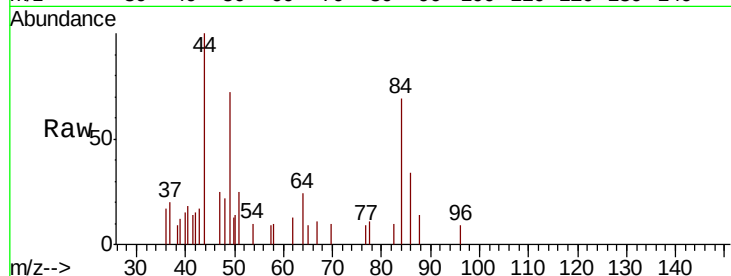




#16
Methvlene chloride
Concen: 0.167 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.01 min
Lab File: VV017373.D
Acq: 07 Jul 2020 13:02

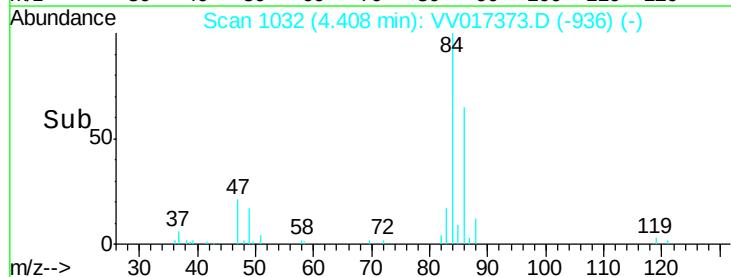
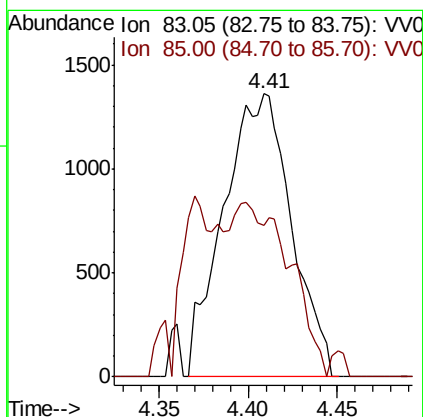
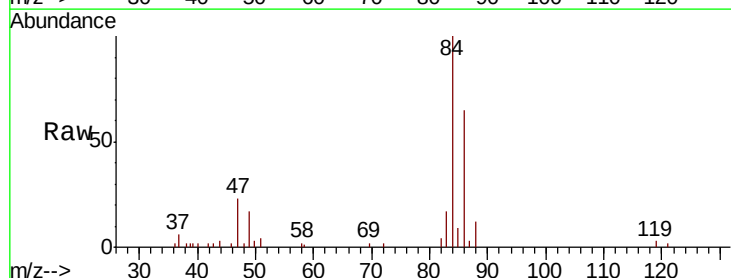
Instrument :
MSVOA_V
ClientSampled :

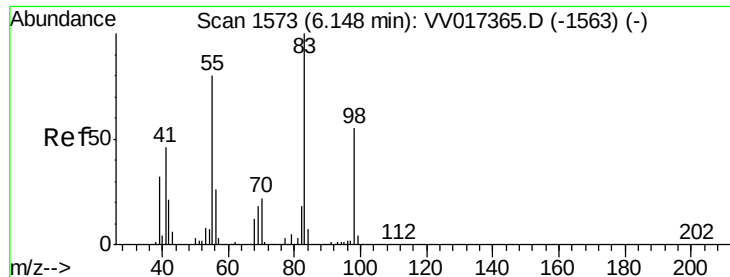
Tot Ion: 84 Resp: 1365
Ion Ratio Lower Upper
84 100
86 48.7 45.8 85.0
49 103.8 89.6 166.4



#25
Chloroform
Concen: 0.183 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV017373.D
Acq: 07 Jul 2020 13:02

Tgt Ion: 83 Resp: 3616
Ion Ratio Lower Upper
83 100
85 53.4 44.2 82.2

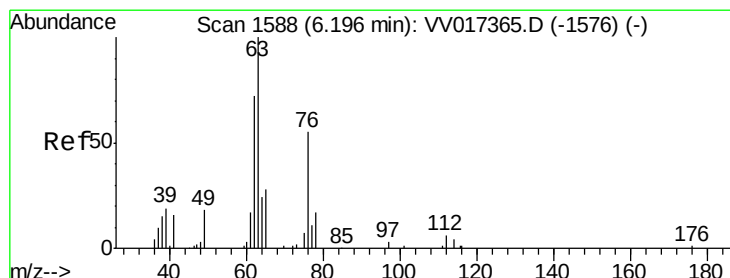
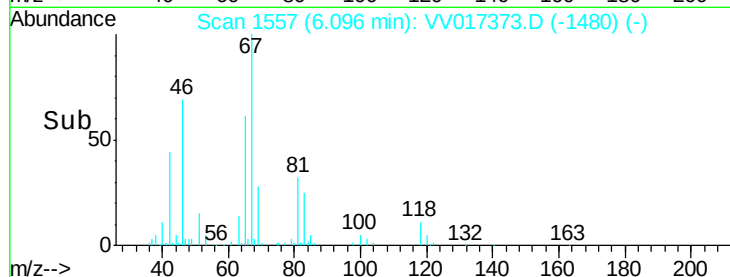
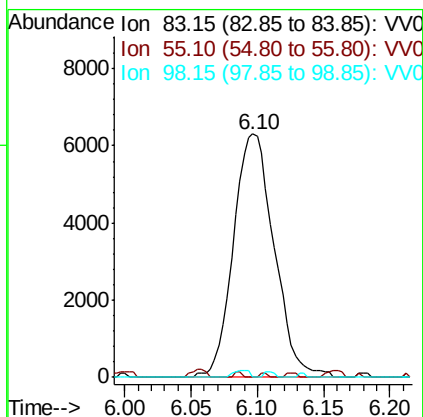
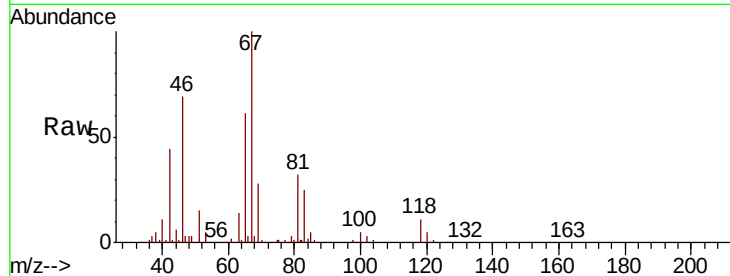




#35
Methylvlcyclohexane
Concen: 0.738 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017373.D
Acq: 07 Jul 2020 13:02

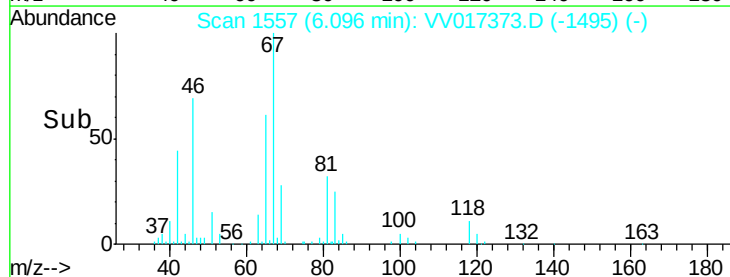
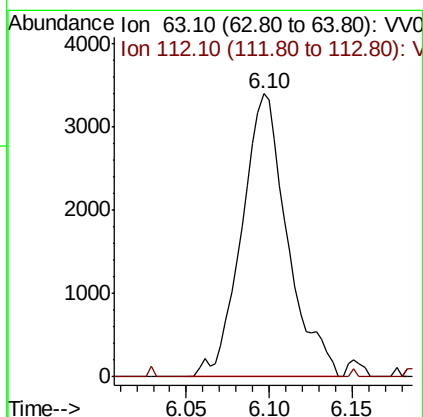
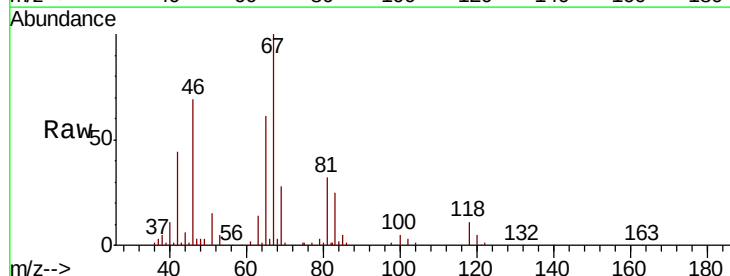
Instrument :
MSVOA_V
ClientSampleId :

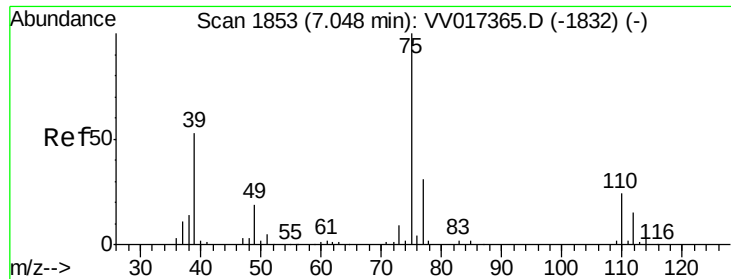
Tot Ion	83	Resp	13462
Ion Ratio	Lower	Upper	
83	100		
55	0.4	63.6	95.4#
98	1.2	38.8	58.2#



#37
1,2-Dichloropropane
Concen: 0.657 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017373.D
Acq: 07 Jul 2020 13:02

Tgt Ion	63	Resp	6517
Ion Ratio	Lower	Upper	
63	100		
112	0.3	4.4	6.6#

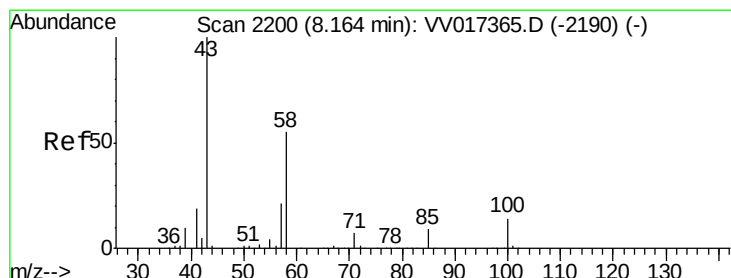
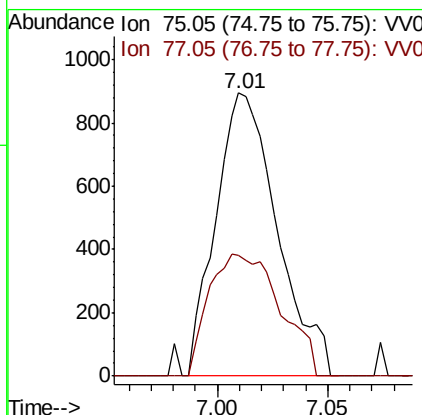
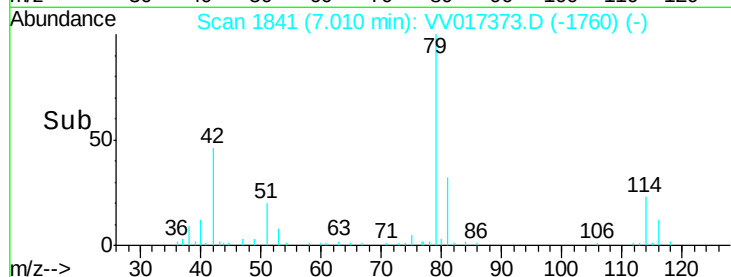
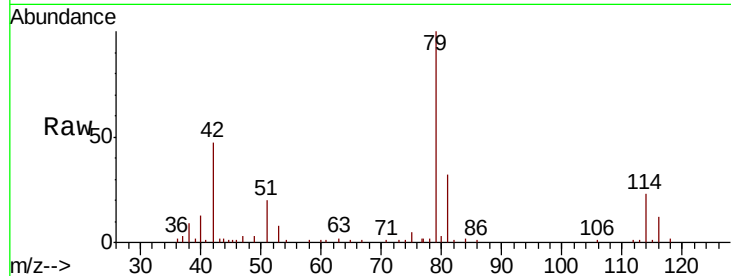




#39
 cis-1,3-Dichloropropene
 Concen: 0.118 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV017373.D
 Acq: 07 Jul 2020 13:02

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 75 Resp: 1735
 Ion Ratio Lower Upper
 75 100
 77 42.6 22.3 41.5#



#50
 2-Hexanone
 Concen: 1.594 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: VV017373.D
 Acq: 07 Jul 2020 13:02

Tgt Ion: 43 Resp: 6495
 Ion Ratio Lower Upper
 43 100
 58 16.9 41.6 62.4#
 57 12.5 15.4 23.0#
 100 7.2 10.1 15.1#

