

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070720\
 Data File : VV017366.D
 Acq On : 07 Jul 2020 10:07
 Operator : SY/MD
 Sample : VV0707WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 08 01:33:27 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	173097	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	164960	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	80862	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	42385	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.58	69	33971	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.12	63	68957	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.96	46	35515	13.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	26.82%#
24) Chloroform-d	4.37	84	99070	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.05	65	55594	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.07	84	181634	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.09	67	51984	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.20%
41) Toluene-d8	7.33	98	166638	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
45) trans-1,3-Dichloropropene-	7.64	79	21600	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
48) 2-Hexanone-d5	8.11	63	70229	34.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.08%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	36756	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	67601	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

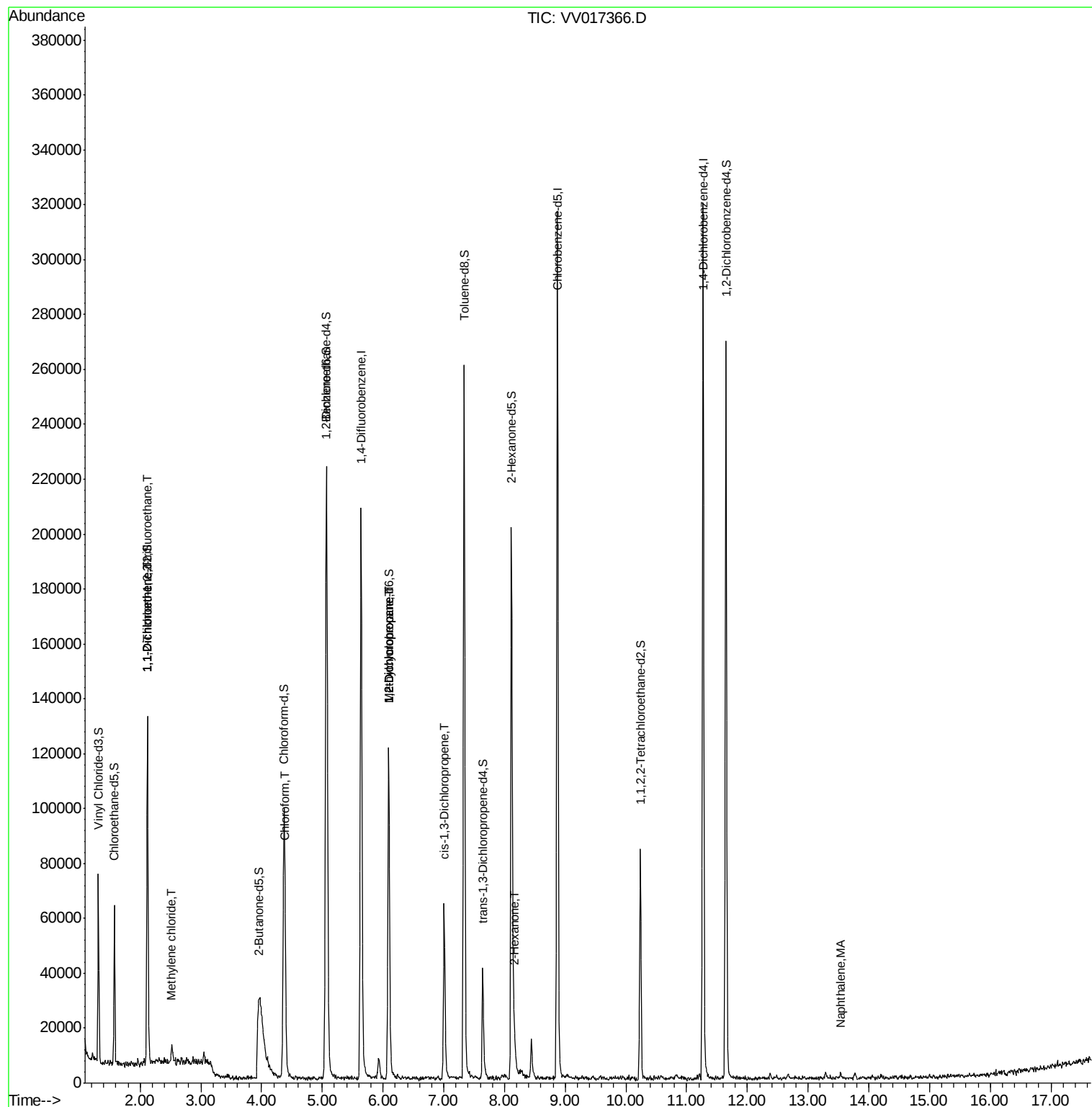
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	698	0.076	ug/L #	21
12) 1,1-Dichloroethene	2.12	96	697	0.084	ug/L #	1
16) Methylene chloride	2.52	84	2511	0.282	ug/L	99
25) Chloroform	4.40	83	2568	0.119	ug/L	77
35) Methylcyclohexane	6.09	83	14489	0.737	ug/L #	18
37) 1,2-Dichloropropane	6.09	63	6848	0.640	ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	2097	0.132	ug/L #	58
50) 2-Hexanone	8.16	43	4910	1.117	ug/L #	50
70) Naphthalene	13.54	128	1860	0.082	ug/L #	85

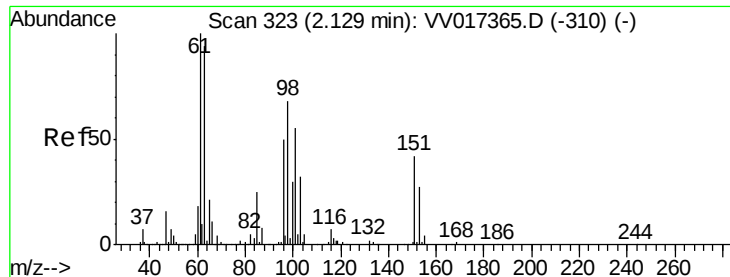
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.076 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017366.D

Acq: 07 Jul 2020 10:07

Instrument :

MSVOA_V

ClientSampleId :

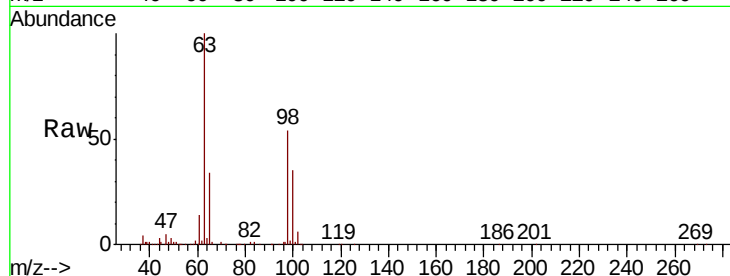
Tot Ion:101 Resp: 698

Ion Ratio Lower Upper

101 100

85 6.4 35.4 53.2#

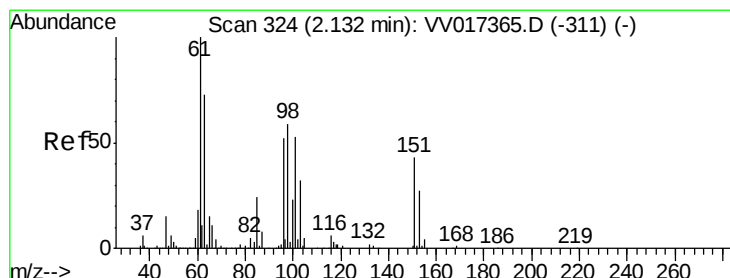
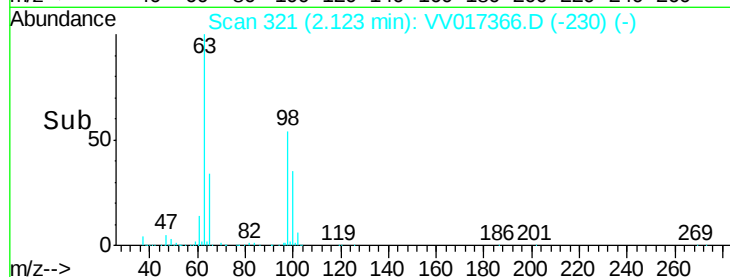
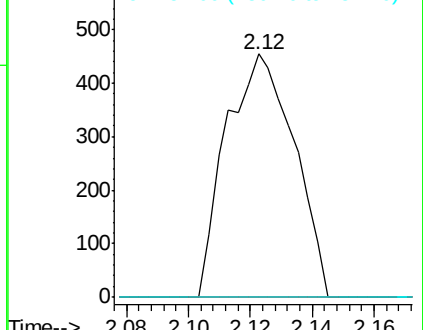
151 0.0 63.9 95.9#



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



#12

1,1-Dichloroethene

Concen: 0.084 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017366.D

Acq: 07 Jul 2020 10:07

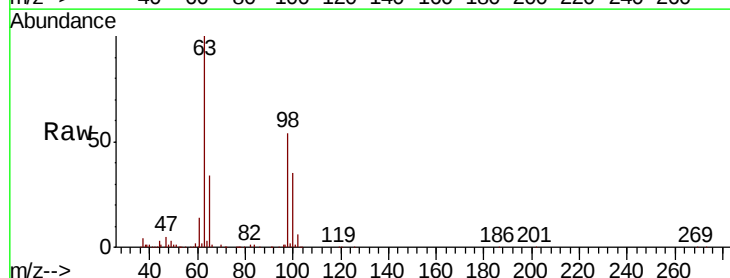
Tgt Ion: 96 Resp: 697

Ion Ratio Lower Upper

96 100

61 1488.9 125.0 232.2#

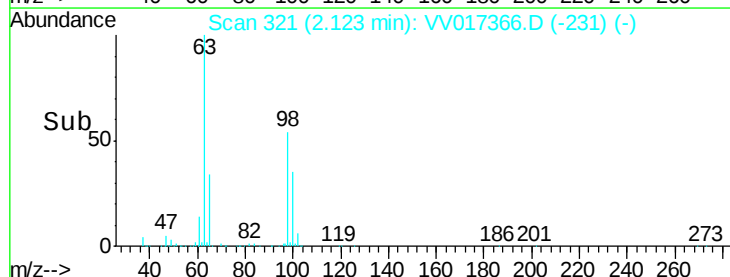
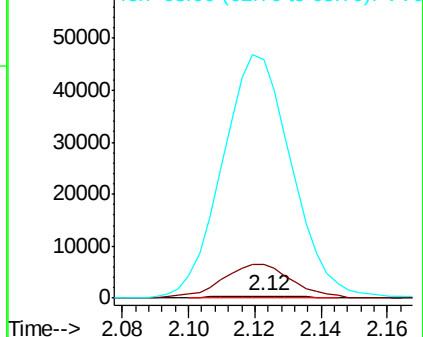
63 10423.6 109.8 203.8#

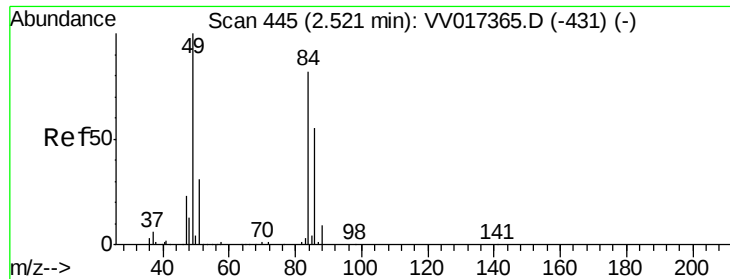


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

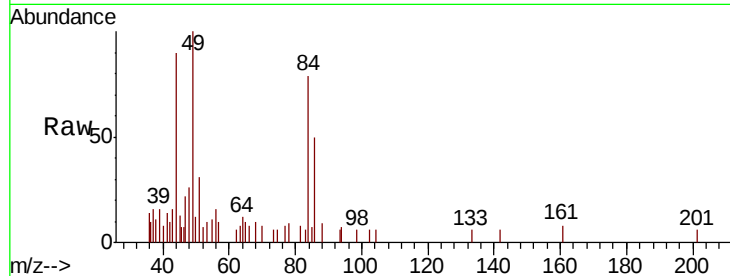




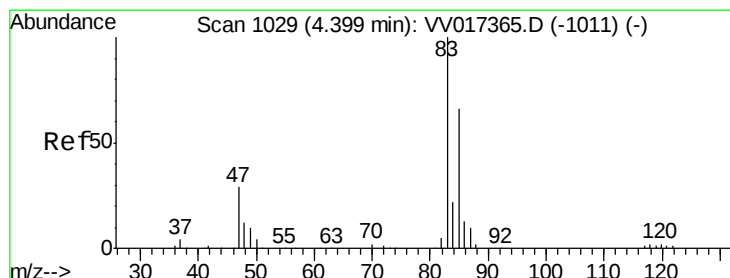
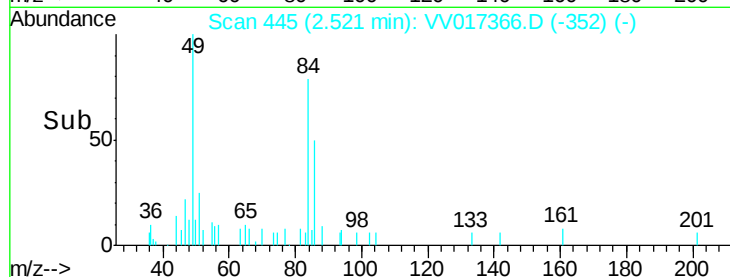
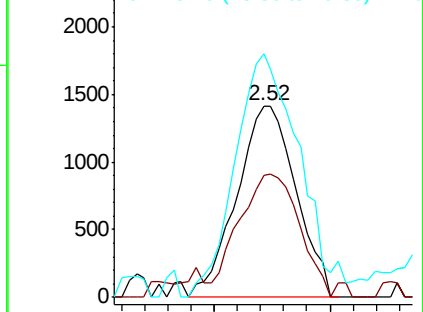
#16
Methvlene chloride
Concen: 0.282 ug/L
RT: 2.52 min Scan# 445
Delta R.T. 0.00 min
Lab File: VV017366.D
Acq: 07 Jul 2020 10:07

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 84 Resp: 2511
Ion Ratio Lower Upper
84 100
86 63.6 45.8 85.0
49 127.4 89.6 166.4

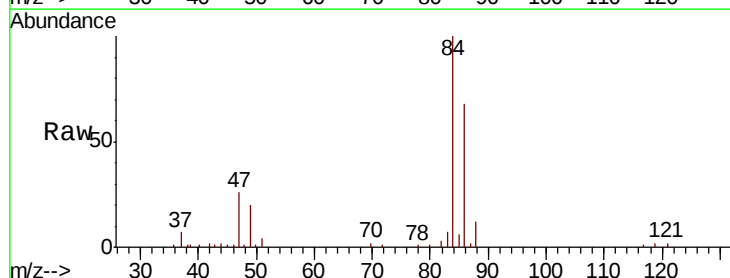


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

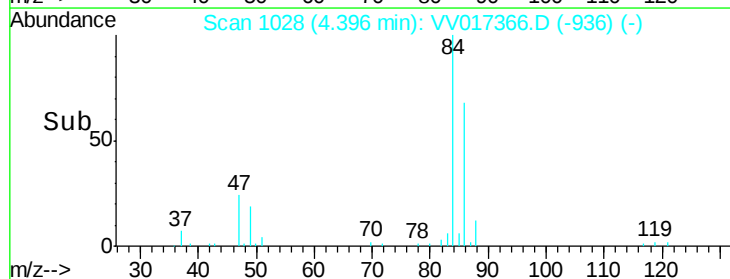
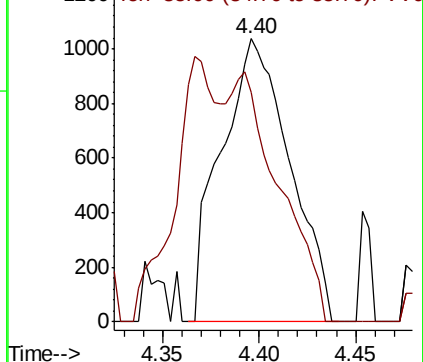


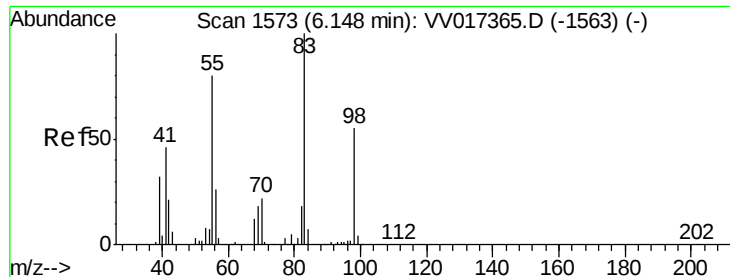
#25
Chloroform
Concen: 0.119 ug/L
RT: 4.40 min Scan# 1028
Delta R.T. -0.00 min
Lab File: VV017366.D
Acq: 07 Jul 2020 10:07

Tgt Ion: 83 Resp: 2568
Ion Ratio Lower Upper
83 100
85 81.2 44.2 82.2



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

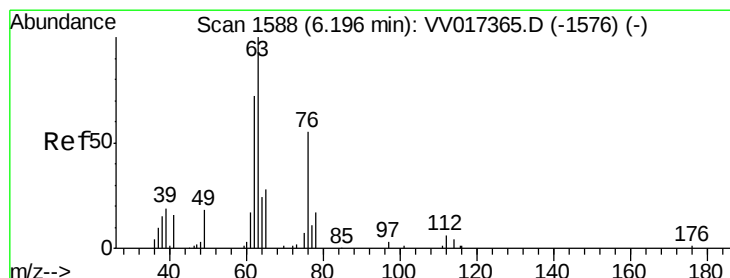
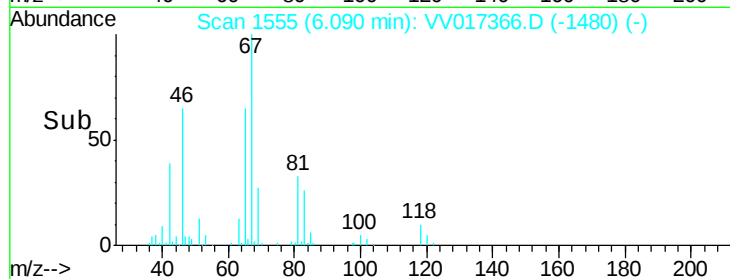
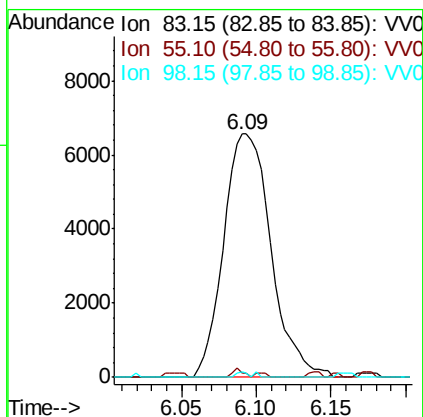
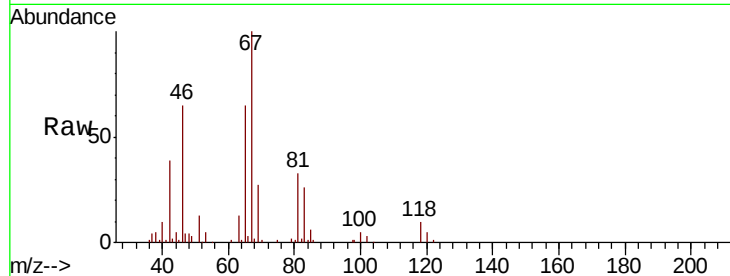




#35
Methvlcvclohexane
Concen: 0.737 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV017366.D
Acq: 07 Jul 2020 10:07

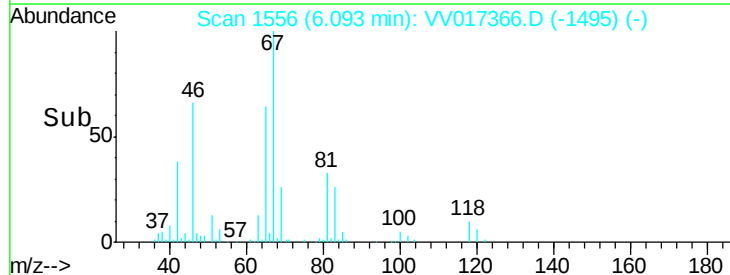
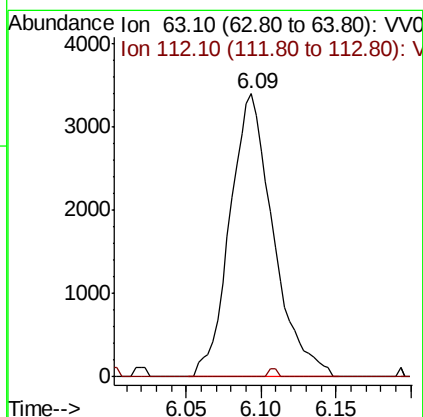
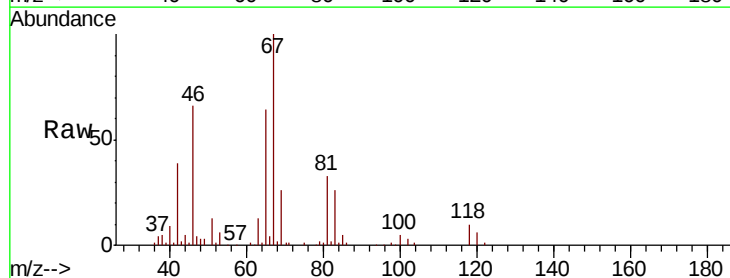
Instrument :
MSVOA_V
ClientSampleId :

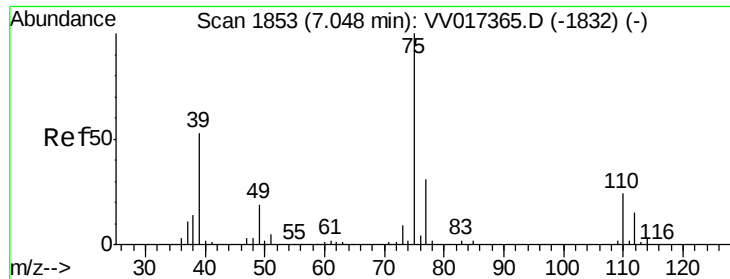
Tot Ion	83	Resp	14489
Ion Ratio	Lower	Upper	
83	100		
55	0.8	63.6	95.4#
98	0.5	38.8	58.2#



#37
1,2-Dichloropropane
Concen: 0.640 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV017366.D
Acq: 07 Jul 2020 10:07

Tgt Ion	63	Resp	6848
Ion Ratio	Lower	Upper	
63	100		
112	0.6	4.4	6.6#

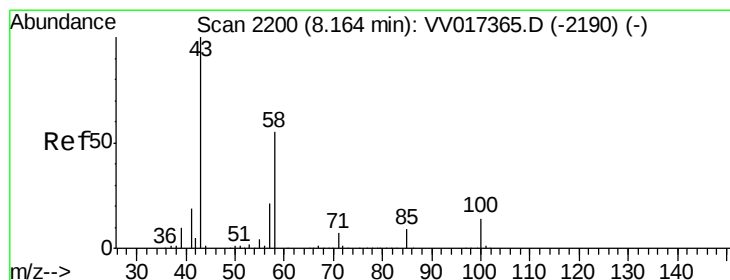
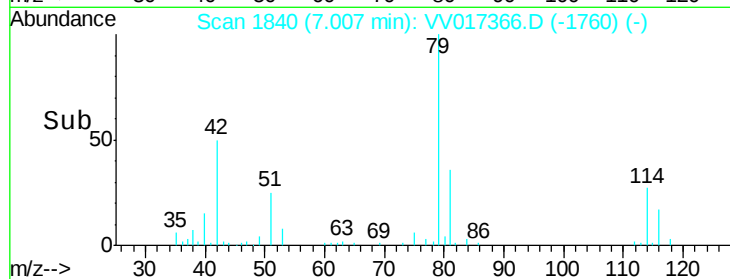
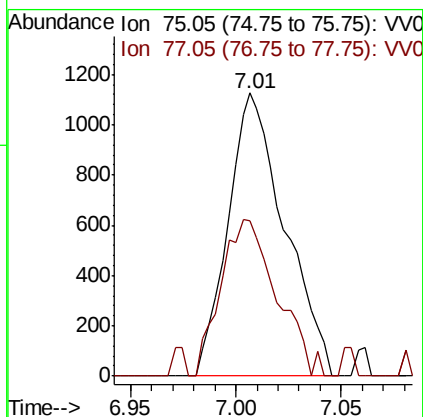
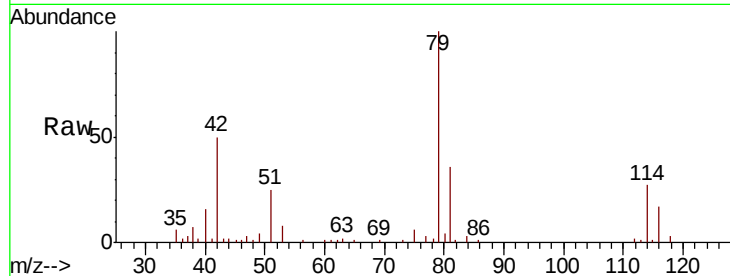




#39
 cis-1,3-Dichloropropene
 Concen: 0.132 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017366.D
 Acq: 07 Jul 2020 10:07

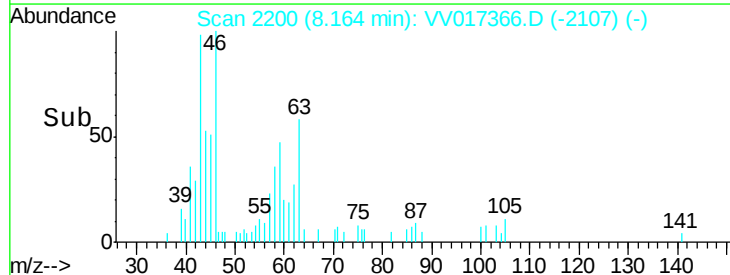
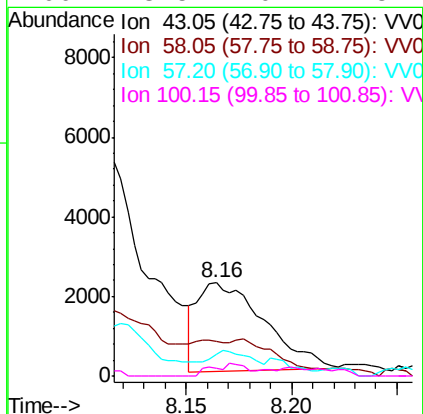
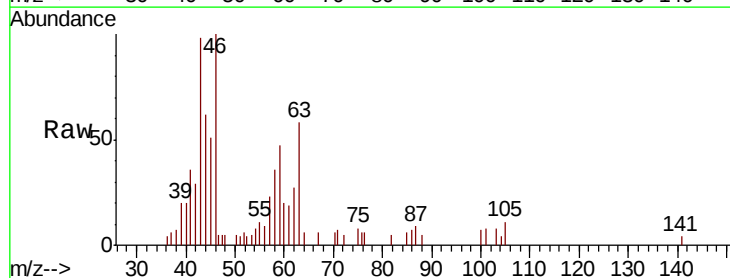
Instrument :
 MSVOA_V
 ClientSampled :

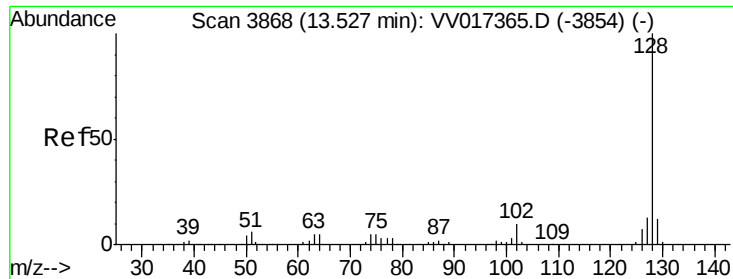
Tot Ion: 75 Resp: 2097
 Ion Ratio Lower Upper
 75 100
 77 55.1 22.3 41.5#



#50
 2-Hexanone
 Concen: 1.117 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: VV017366.D
 Acq: 07 Jul 2020 10:07

Tgt Ion: 43 Resp: 4910
 Ion Ratio Lower Upper
 43 100
 58 0.0 41.6 62.4#
 57 17.4 15.4 23.0
 100 3.5 10.1 15.1#





#70

Naphthalene

Concen: 0.082 ug/L

RT: 13.54 min Scan# 3871

Delta R.T. 0.01 min

Lab File: VV017366.D

Acq: 07 Jul 2020 10:07

Instrument :

MSVOA_V

ClientSampleId :

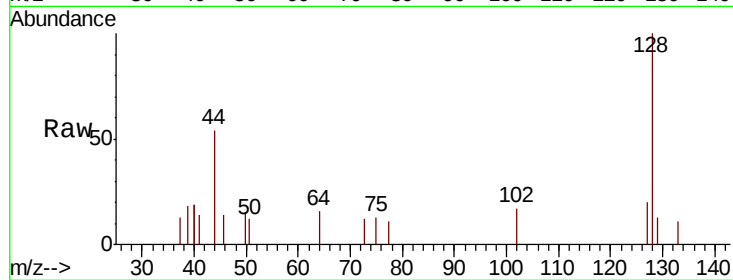
Tot Ion:128 Resp: 1860

Ion Ratio Lower Upper

128 100

129 4.8 8.8 13.2#

127 7.3 10.5 15.7#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

