

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018732.D
 Acq On : 07 Oct 2020 15:59
 Operator : SY/MD
 Sample : L4284-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 08 02:55:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 02:46:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	264279	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	315159	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	120040	50.00	ug/L	0.00

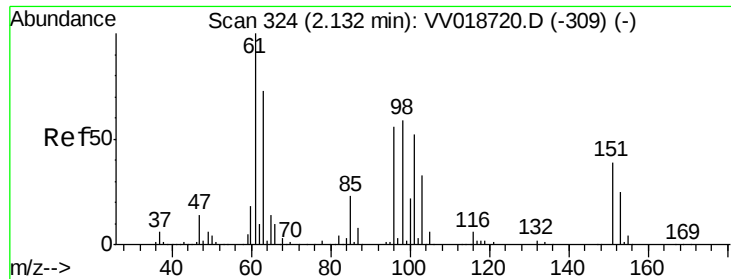
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79254	51.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.26%
7) Chloroethane-d5	1.58	69	69480	54.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.44%
11) 1,1-Dichloroethene-d2	2.12	63	125915	39.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.74%
21) 2-Butanone-d5	3.91	46	111137	96.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.13%
24) Chloroform-d	4.38	84	176805	52.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.50%
26) 1,2-Dichloroethane-d4	5.06	65	119508	56.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.34%
32) Benzene-d6	5.08	84	337489	42.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.56%
36) 1,2-Dichloropropane-d6	6.09	67	92336	38.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.56%
41) Toluene-d8	7.34	98	264987	35.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.56%#
43) trans-1,3-Dichloropropene-	7.64	79	45747	35.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.22%
47) 2-Hexanone-d5	8.11	63	52063	56.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	56.83%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	112379	35.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	70.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	110874	48.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.06%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1271	0.739	ug/L #	17
13) Acetone	2.20	43	6203	6.210	ug/L	99
25) Chloroform	4.41	83	3564	1.021	ug/L #	75
35) Methylcyclohexane	6.09	83	23807	6.565	ug/L #	19
39) cis-1,3-Dichloropropene	7.01	75	3466	0.930	ug/L	84
46) Tetrachloroethene	8.00	164	1682	0.771	ug/L	93
48) 2-Hexanone	8.16	43	16925	7.077	ug/L #	87
49) Dibromochloromethane	8.00	129	1669	0.621	ug/L #	11
59) 1,2,3-Trichloropropane	11.27	75	14604	5.054	ug/L	90

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



#10

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

Concen: 0.739 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampled :

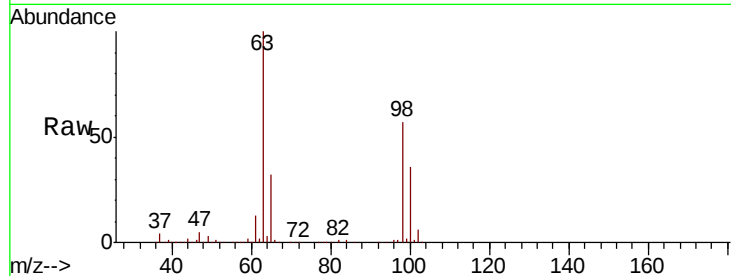
Tot Ion:101 Resp: 1271

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

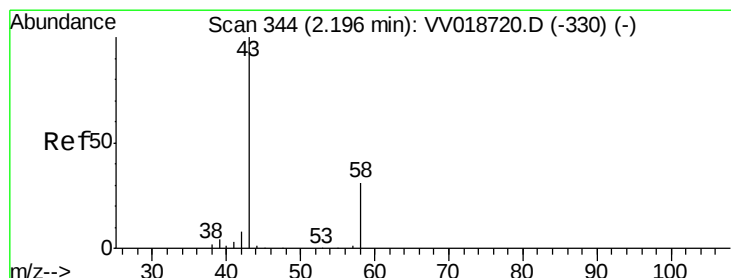
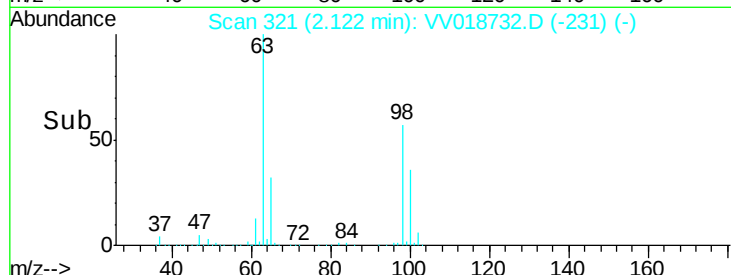
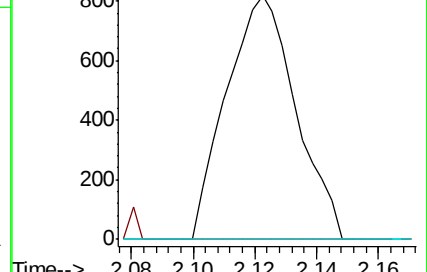
151 0.0 64.3 96.5#



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



#13

Acetone

Concen: 6.210 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

Lab File: VV018732.D

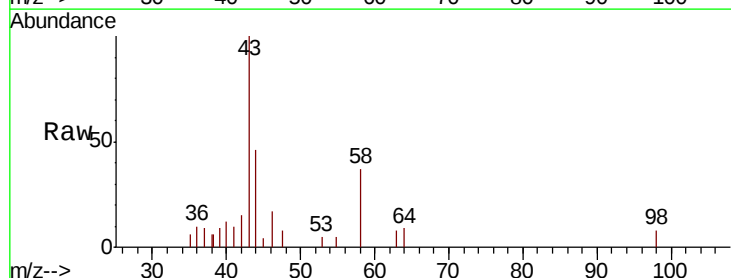
Acq: 07 Oct 2020 15:59

Tgt Ion: 43 Resp: 6203

Ion Ratio Lower Upper

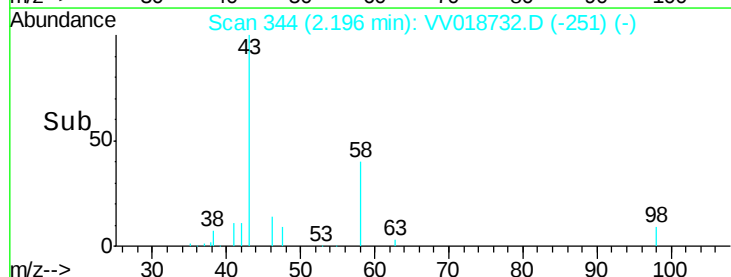
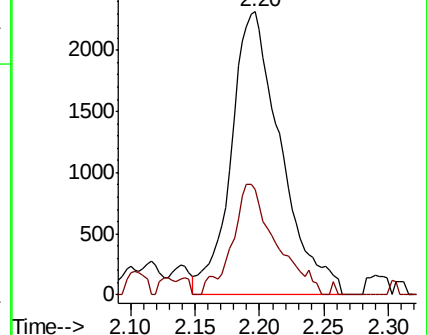
43 100

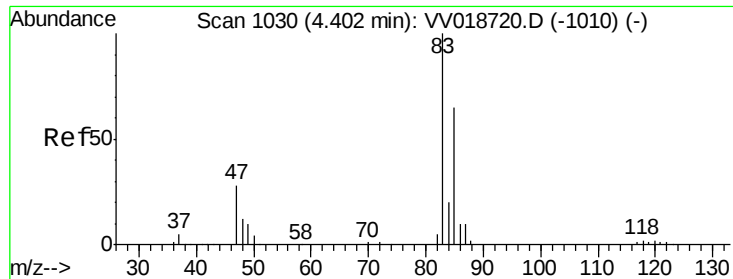
58 31.3 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

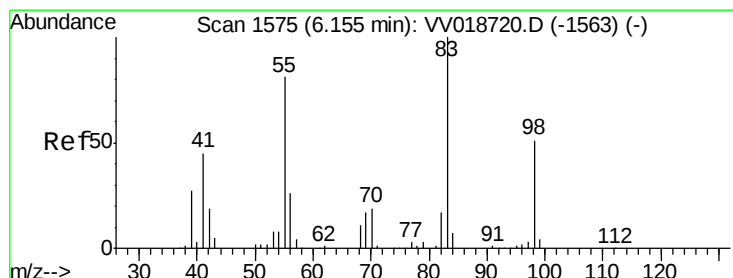
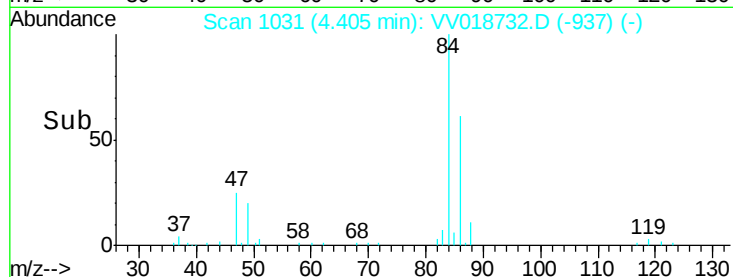
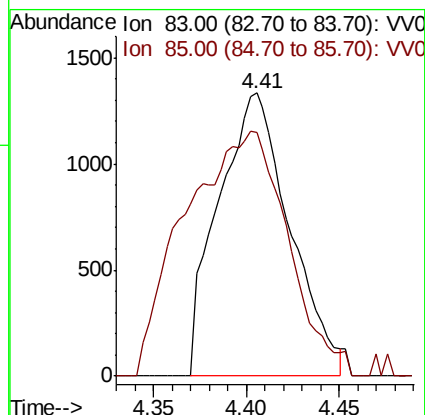
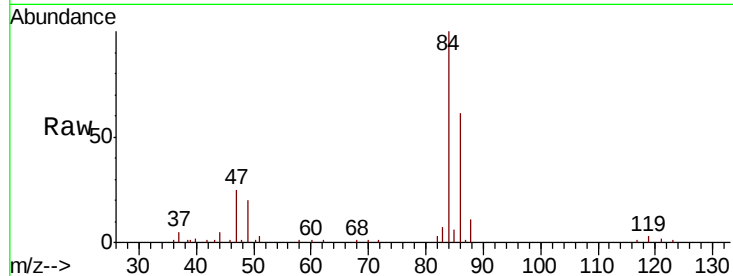




#25
Chloroform
Concen: 1.021 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV018732.D
Acq: 07 Oct 2020 15:59

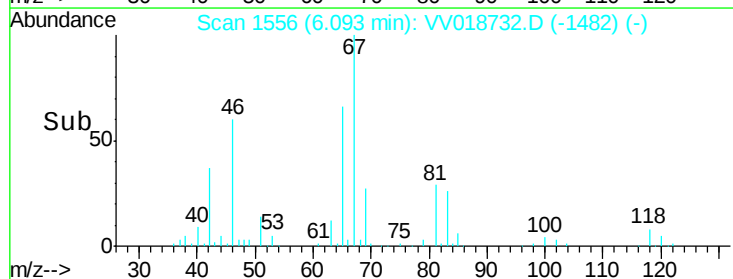
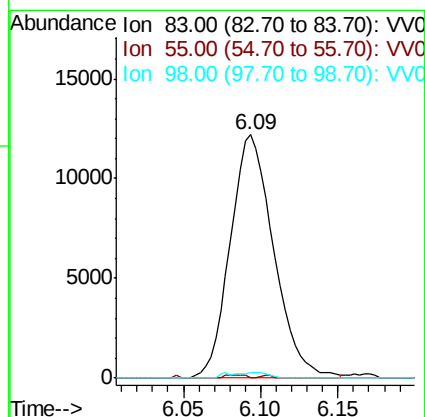
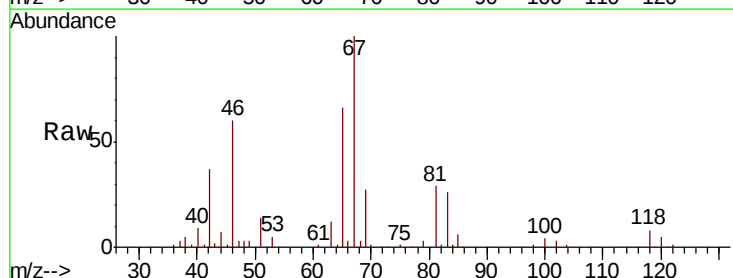
Instrument :
MSVOA_V
ClientSampled :

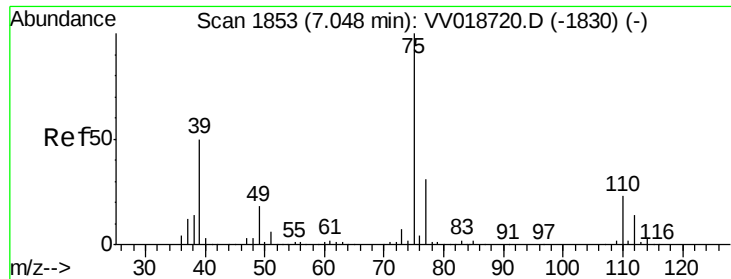
Tot Ion: 83 Resp: 3564
Ion Ratio Lower Upper
83 100
85 85.9 46.2 85.8#



#35
Methylcyclohexane
Concen: 6.565 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018732.D
Acq: 07 Oct 2020 15:59

Tgt Ion: 83 Resp: 23807
Ion Ratio Lower Upper
83 100
55 0.3 60.1 90.1#
98 1.6 40.2 60.4#

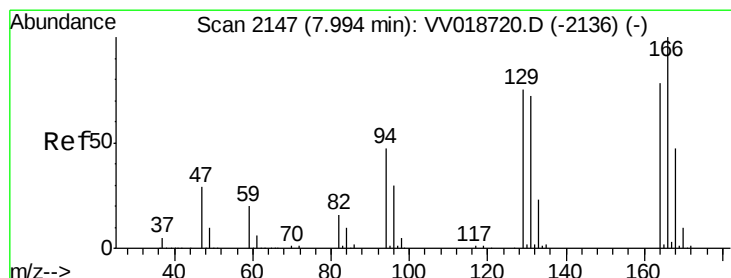
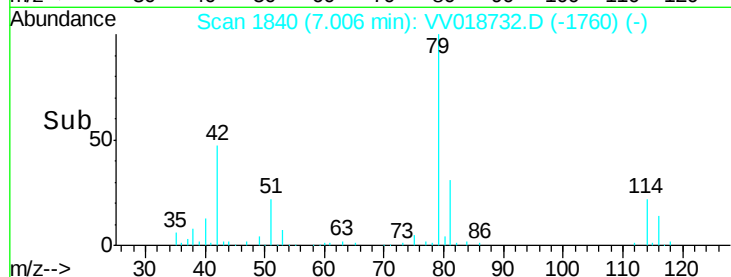
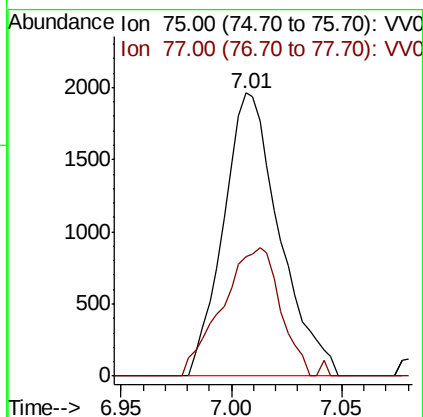
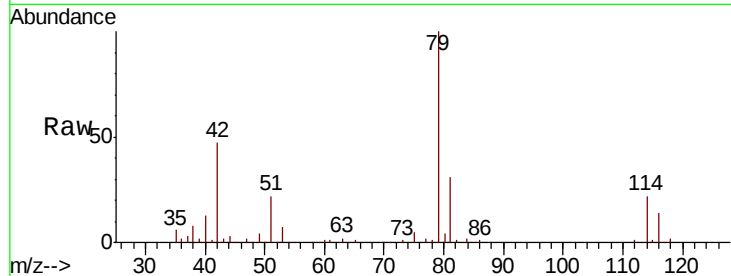




#39
 cis-1,3-Dichloropropene
 Concen: 0.930 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018732.D
 Acq: 07 Oct 2020 15:59

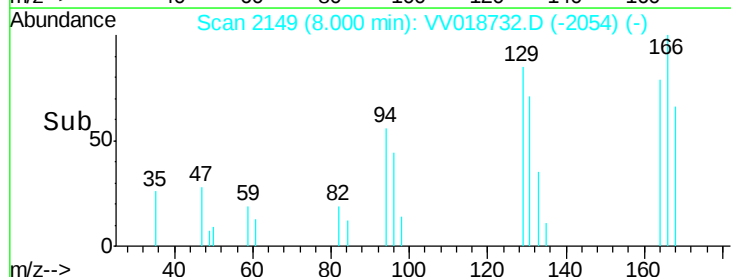
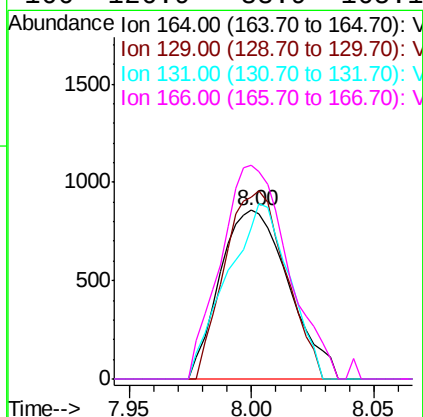
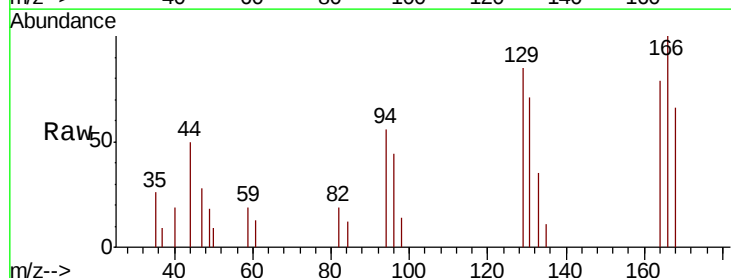
Instrument :
 MSVOA_V
 ClientSampled :

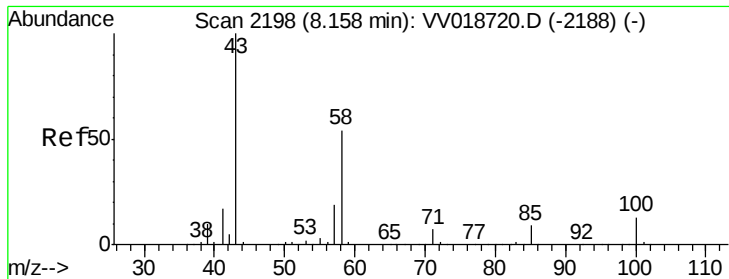
Tot Ion: 75 Resp: 3466
 Ion Ratio Lower Upper
 75 100
 77 42.0 23.0 42.6



#46
 Tetrachloroethene
 Concen: 0.771 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.01 min
 Lab File: VV018732.D
 Acq: 07 Oct 2020 15:59

Tgt Ion: 164 Resp: 1682
 Ion Ratio Lower Upper
 164 100
 129 107.7 62.8 116.6
 131 90.0 60.8 112.8
 166 126.9 88.9 165.1

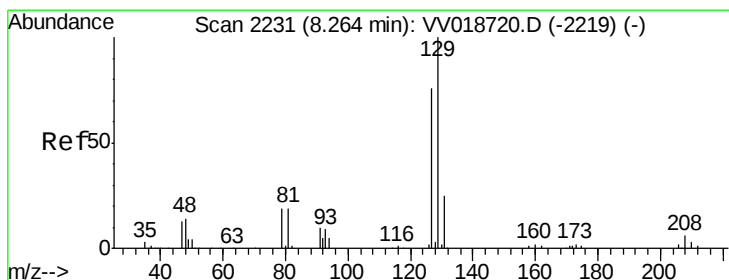
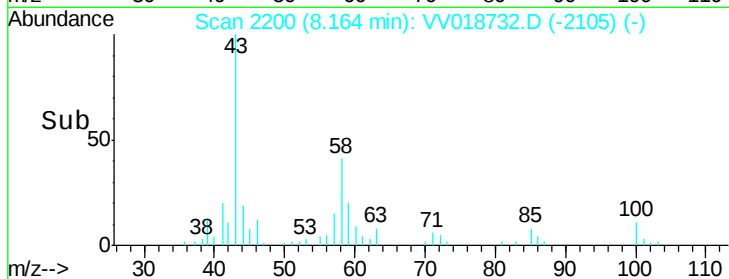
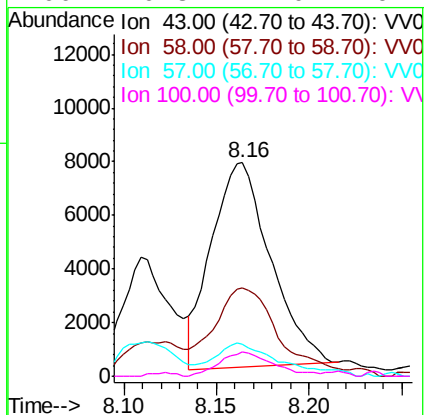
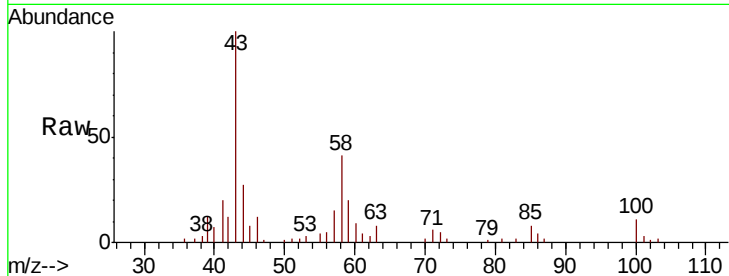




#48
2-Hexanone
Concen: 7.077 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018732.D
Acq: 07 Oct 2020 15:59

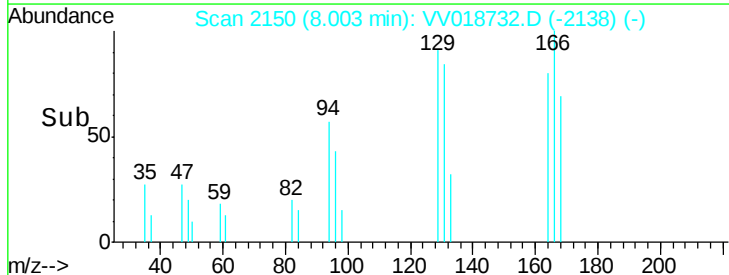
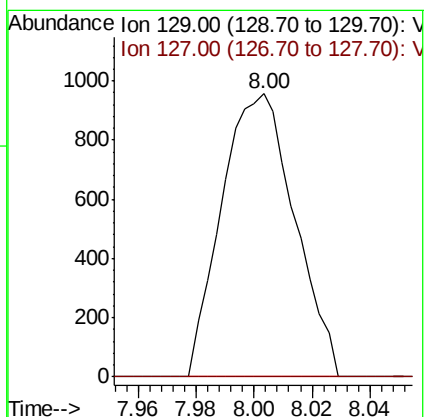
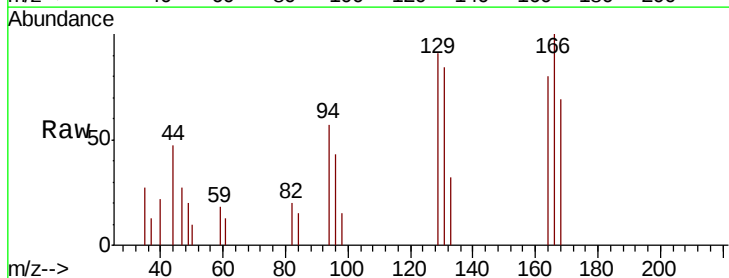
Instrument :
MSVOA_V
ClientSampled :

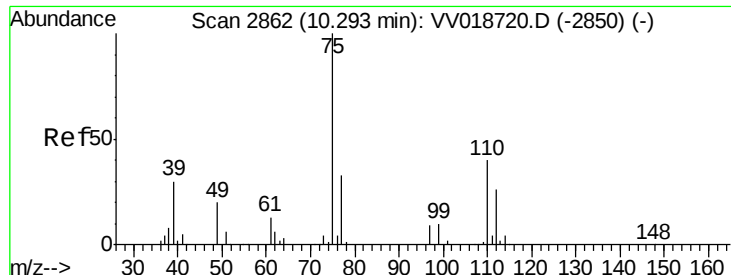
Tot Ion: 43 Resp: 16925
Ion Ratio Lower Upper
43 100
58 46.0 45.1 67.7
57 12.9 15.7 23.5#
100 10.3 11.0 16.4#



#49
Dibromochloromethane
Concen: 0.621 ug/L
RT: 8.00 min Scan# 2150
Delta R.T. -0.26 min
Lab File: VV018732.D
Acq: 07 Oct 2020 15:59

Tgt Ion: 129 Resp: 1669
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#





#59

1,2,3-Trichloropropane

Concen: 5.054 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018732.D

Acq: 07 Oct 2020 15:59

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 14604

Ion Ratio Lower Upper

75 100

77 37.1 25.4 38.0

