

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082520\
 Data File : VV018093.D
 Acq On : 25 Aug 2020 12:49
 Operator : SY/MD
 Sample : L3789-08ME
 Misc : 6.10g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFSL3ME

Quant Time: Aug 26 02:13:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 26 02:11:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	289906	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	292935	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	138317	50.00	ug/L	0.00

System Monitoring Compounds

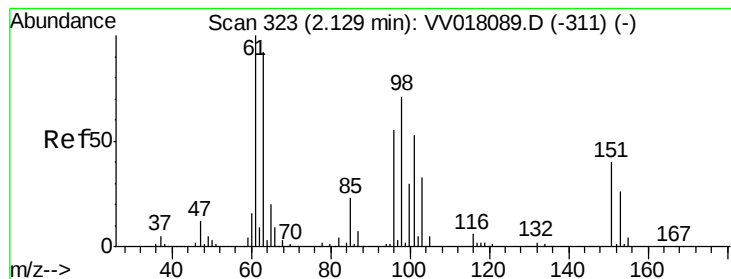
4) Vinyl Chloride-d3	1.31	65	101592	45.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.86%
7) Chloroethane-d5	1.57	69	74548	41.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.38%
11) 1,1-Dichloroethene-d2	2.10	63	152011	35.93	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.86%
21) 2-Butanone-d5	3.92	46	114618	79.12	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.12%
24) Chloroform-d	4.37	84	189309	47.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.04%
26) 1,2-Dichloroethane-d4	5.05	65	128903	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.58%
32) Benzene-d6	5.07	84	384475	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.24%
36) 1,2-Dichloropropane-d6	6.09	67	125663	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.22%
41) Toluene-d8	7.34	98	350299	48.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.50%
43) trans-1,3-Dichloropropene-	7.64	79	59728	49.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.78%
47) 2-Hexanone-d5	8.14	63	69573	82.14	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.14%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	145415	42.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	139735	51.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.66%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	1383	0.673 ug/L #	20
16) Methylene chloride	2.51	84	1854	0.748 ug/L	93
25) Chloroform	4.40	83	4375	1.067 ug/L	87
35) Methylcyclohexane	6.09	83	29821	8.372 ug/L #	17
39) cis-1,3-Dichloropropene	7.01	75	3439	0.982 ug/L #	59
46) Tetrachloroethene	8.00	164	94750	53.930 ug/L	96
48) 2-Hexanone	8.14	43	9203	3.532 ug/L #	52
49) Dibromochloromethane	7.99	129	85531	38.284 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	16125	5.283 ug/L	91

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

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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV082520\  
Data File : VV018093.D  
Acq On    : 25 Aug 2020 12:49  
Operator  : SY/MD  
Sample    : L3789-08ME  
Misc      : 6.10µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH  
ALS Vial  : 6 Sample Multiplier: 1
```



#10

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

Concen: 0.673 ug/L

RT: 2.10 min Scan# 314

Delta R.T. -0.03 min

Lab File: VV018093.D

Acq: 25 Aug 2020 12:49

Instrument :

MSVOA_V

ClientSampleId :

BFSL3ME

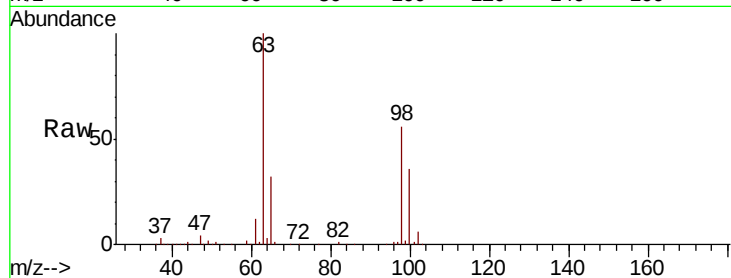
Tot Ion:101 Resp: 1383

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

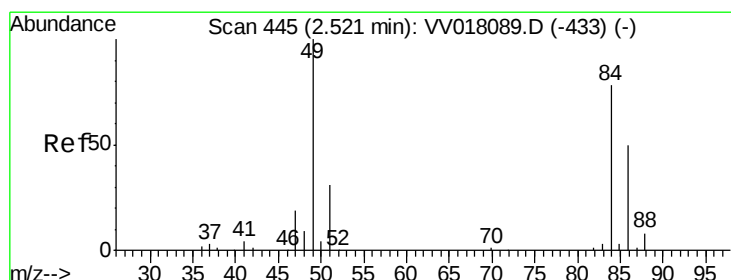
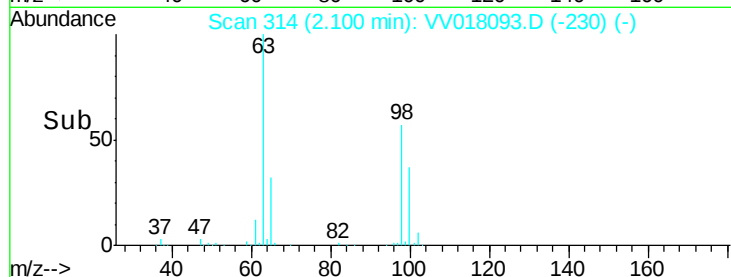
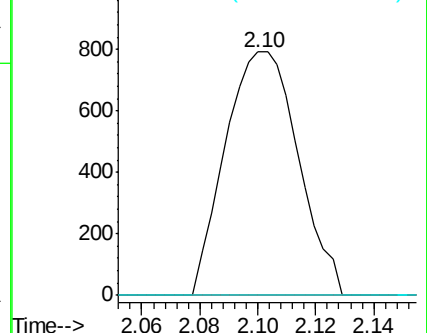
151 0.0 59.1 88.7#



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



#16

Methylene chloride

Concen: 0.748 ug/L

RT: 2.51 min Scan# 443

Delta R.T. -0.01 min

Lab File: VV018093.D

Acq: 25 Aug 2020 12:49

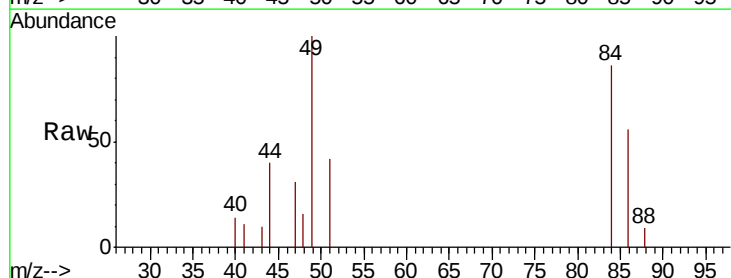
Tgt Ion: 84 Resp: 1854

Ion Ratio Lower Upper

84 100

86 65.7 46.3 85.9

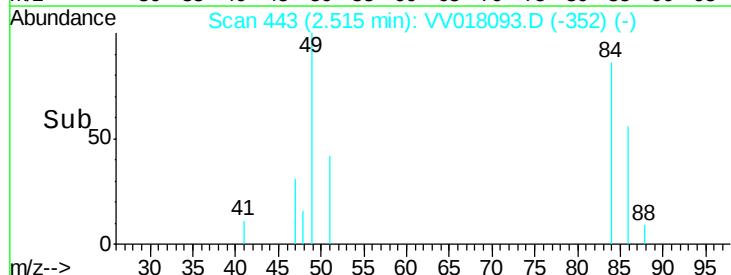
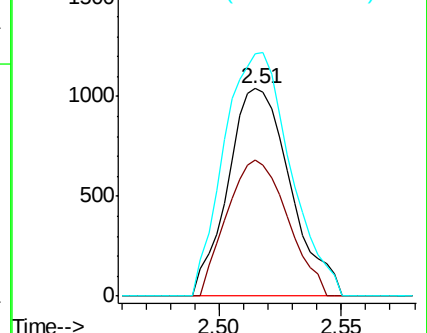
49 116.7 89.7 166.5

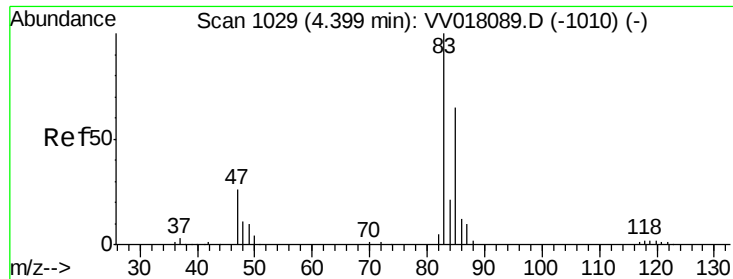


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

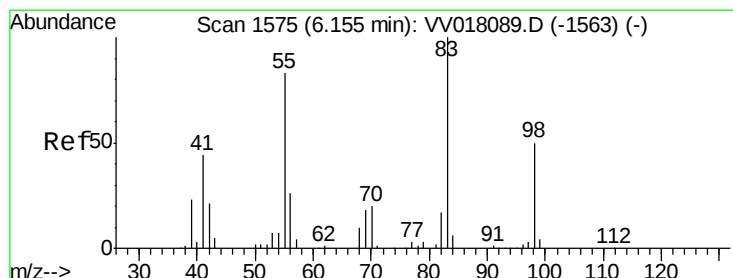
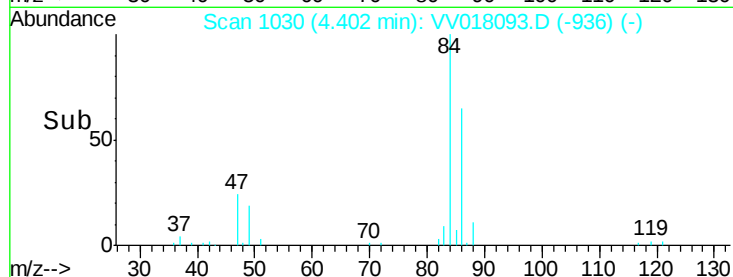
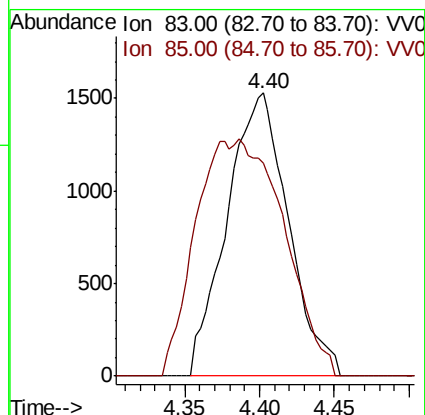
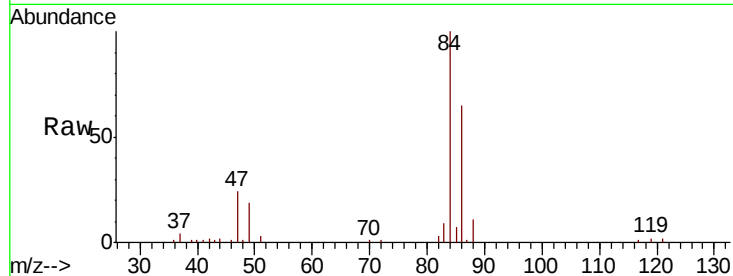




#25
Chloroform
Concen: 1.067 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV018093.D
Acq: 25 Aug 2020 12:49

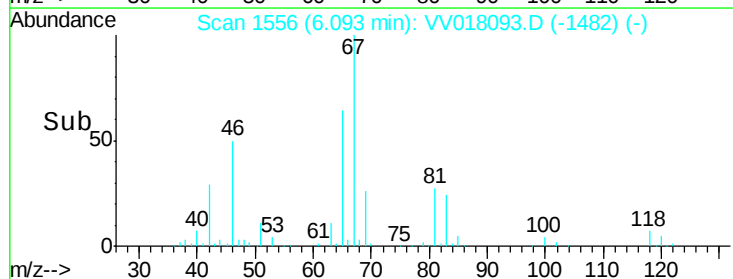
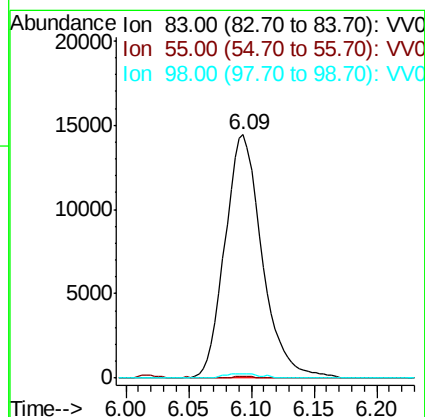
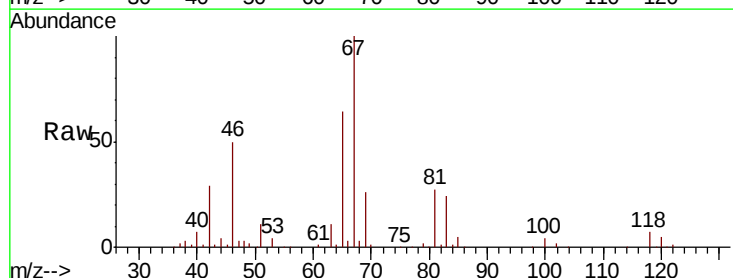
Instrument :
MSVOA_V
ClientSampleId :
BFSL3ME

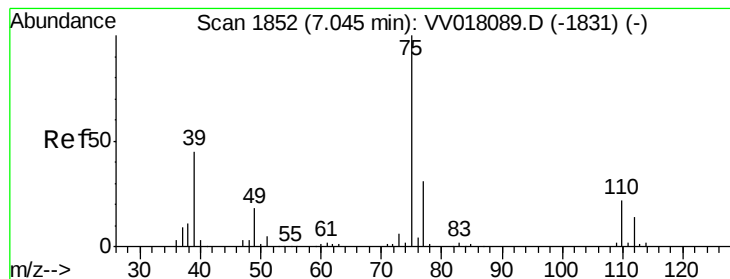
Tot Ion: 83 Resp: 4375
Ion Ratio Lower Upper
83 100
85 75.3 45.5 84.5



#35
Methylcyclohexane
Concen: 8.372 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018093.D
Acq: 25 Aug 2020 12:49

Tgt Ion: 83 Resp: 29821
Ion Ratio Lower Upper
83 100
55 0.4 64.9 97.3#
98 1.4 38.7 58.1#



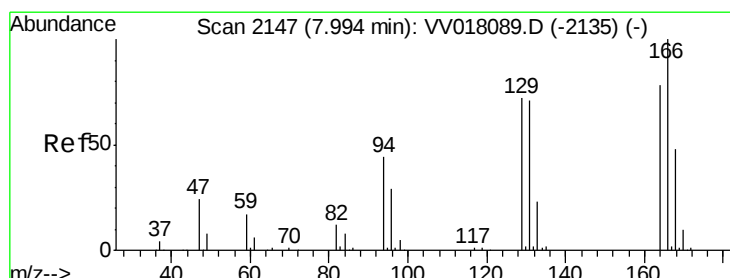
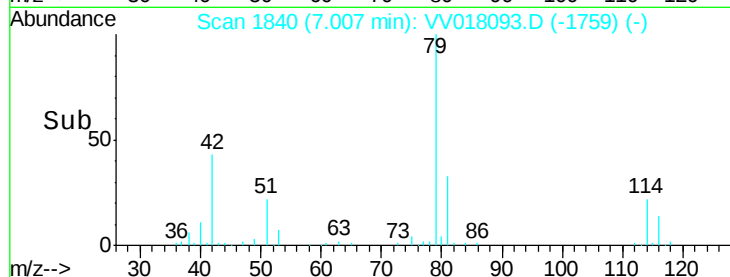
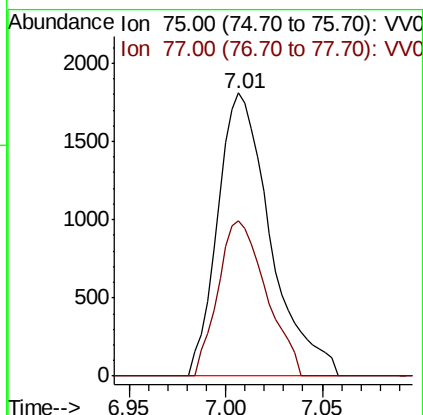
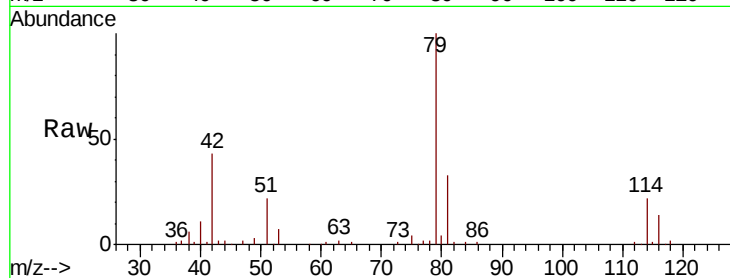


#39

cis-1,3-Dichloropropene
Concen: 0.982 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV018093.D
Acq: 25 Aug 2020 12:49

Instrument :
MSVOA_V
ClientSampleId :
BFSL3ME

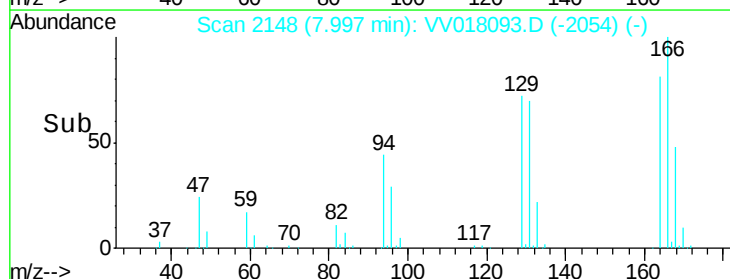
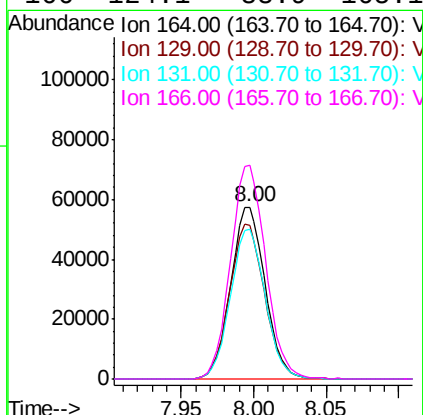
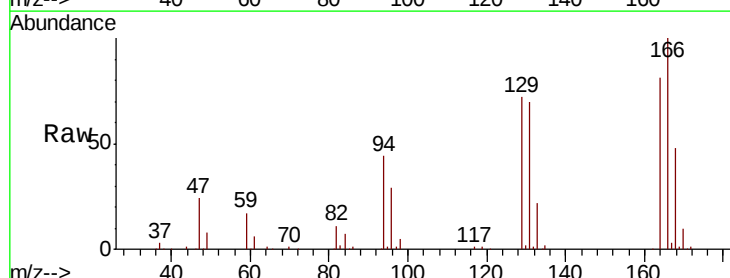
Tot Ion: 75 Resp: 3439
Ion Ratio Lower Upper
75 100
77 54.7 22.3 41.5#

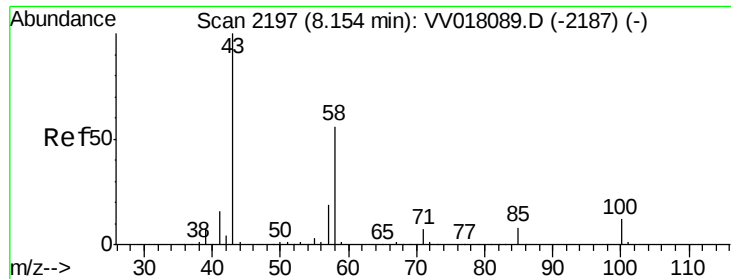


#46

Tetrachloroethene
Concen: 53.930 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV018093.D
Acq: 25 Aug 2020 12:49

Tgt Ion: 164 Resp: 94750
Ion Ratio Lower Upper
164 100
129 89.0 64.8 120.3
131 86.8 64.5 119.9
166 124.1 88.9 165.1

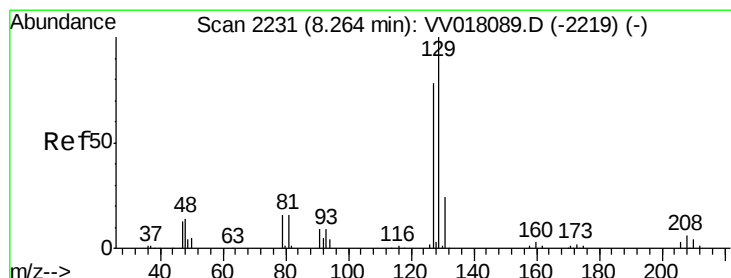
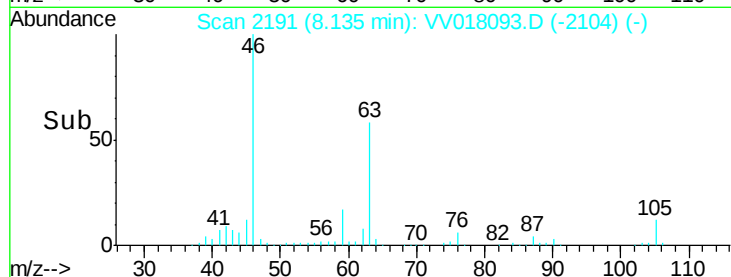
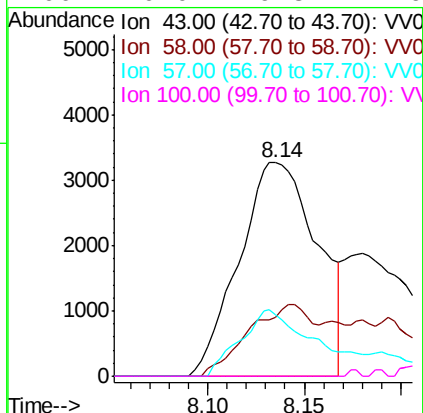
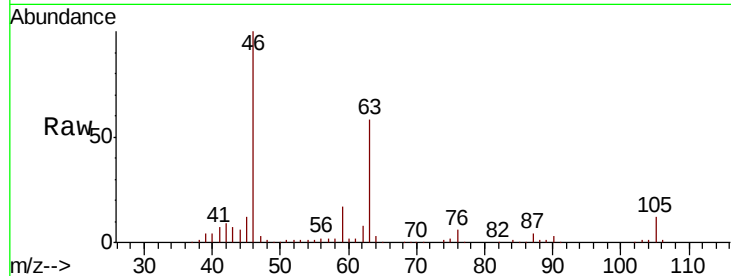




#48
2-Hexanone
Concen: 3.532 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.02 min
Lab File: VV018093.D
Acq: 25 Aug 2020 12:49

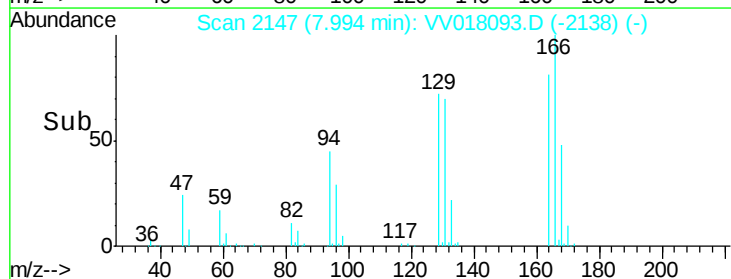
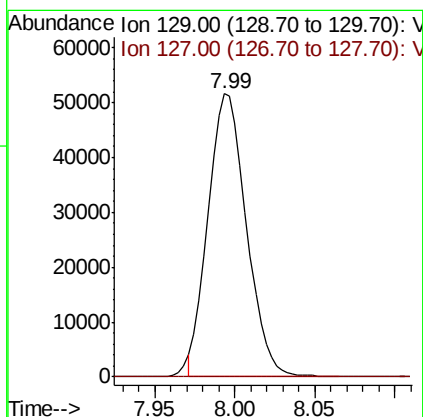
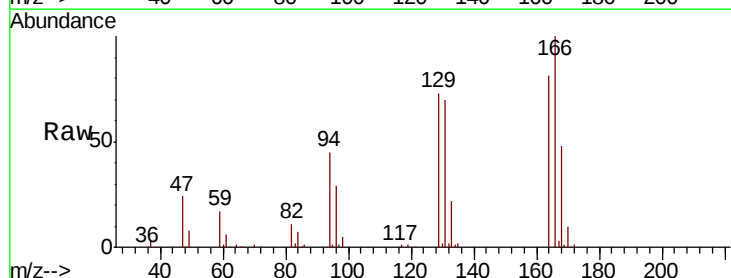
Instrument :
MSVOA_V
ClientSampleId :
BFSL3ME

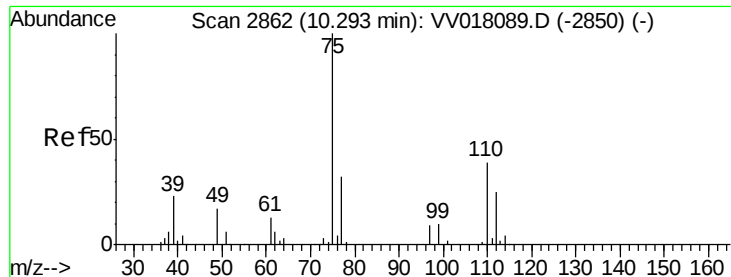
Tot Ion:	43	Resp:	9203
Ion	Ratio	Lower	Upper
43	100		
58	11.8	44.4	66.6#
57	30.0	15.2	22.8#
100	0.0	9.8	14.6#



#49
Dibromochloromethane
Concen: 38.284 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. -0.27 min
Lab File: VV018093.D
Acq: 25 Aug 2020 12:49

Tgt Ion:	129	Resp:	85531
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.9	101.9#





#59

1,2,3-Trichloropropane

Concen: 5.283 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV018093.D

Acq: 25 Aug 2020 12:49

Instrument :

MSVOA_V

ClientSampleId :

BFSL3ME

Tot Ion: 75 Resp: 16125

Ion Ratio Lower Upper

75 100

77 37.2 25.7 38.5

