

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082520\
 Data File : VV018092.D
 Acq On : 25 Aug 2020 12:25
 Operator : SY/MD
 Sample : L3782-06ME
 Misc : 6.36g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFSK3ME

Quant Time: Aug 26 02:12:56 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	5.63	114	314156	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	313976	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	151210	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	135862	56.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	113.36%
7) Chloroethane-d5	1.58	69	108128	55.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.28%
11) 1,1-Dichloroethene-d2	2.10	63	203962	44.48	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.96%
21) 2-Butanone-d5	3.92	46	154910	98.67	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.67%
24) Chloroform-d	4.37	84	245029	56.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.32%
26) 1,2-Dichloroethane-d4	5.05	65	169542	59.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.64%
32) Benzene-d6	5.06	84	508368	58.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.50%
36) 1,2-Dichloropropane-d6	6.09	67	163668	57.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.72%
41) Toluene-d8	7.33	98	462242	59.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.80%
43) trans-1,3-Dichloropropene-	7.64	79	79059	61.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	123.24%
47) 2-Hexanone-d5	8.13	63	91839	101.17	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.17%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	190251	51.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	181804	61.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.18%#

Target Compounds

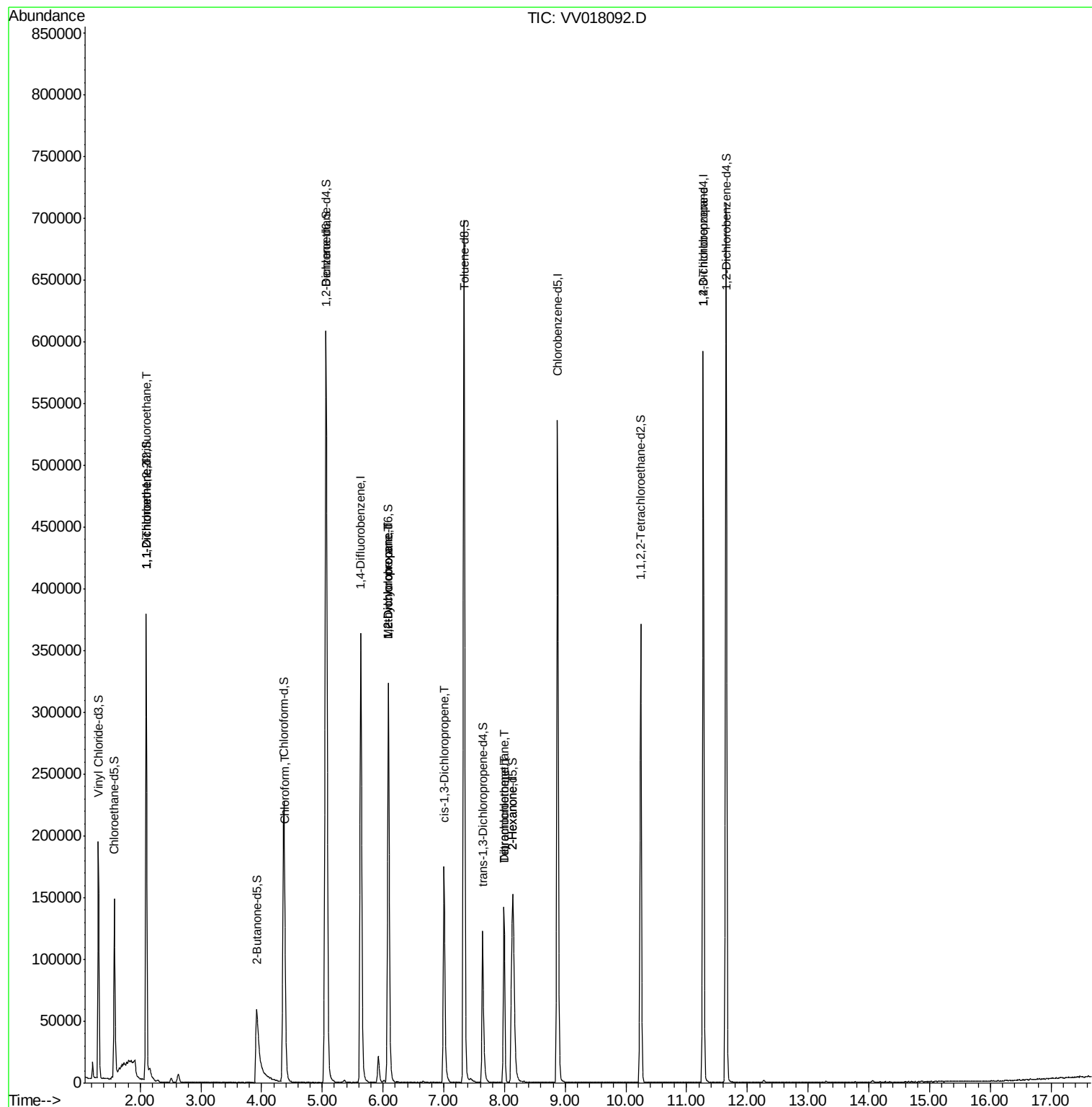
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	1679	0.754 ug/L #	20
12) 1,1-Dichloroethene	2.10	96	1542	0.732 ug/L #	1
25) Chloroform	4.39	83	8621	1.940 ug/L	95
35) Methylcyclohexane	6.09	83	39234	10.276 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	17945	6.774 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	4806	1.280 ug/L #	70
46) Tetrachloroethene	7.99	164	32582	17.302 ug/L	96
48) 2-Hexanone	8.14	43	13108	4.694 ug/L #	67
49) Dibromochloromethane	7.99	129	28422	11.869 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	17706	5.412 ug/L	91

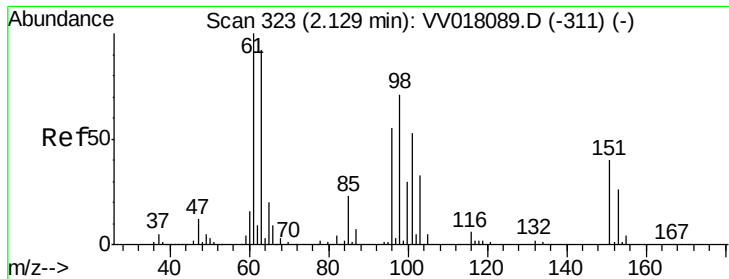
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 26 02:11:17 2020
Response via : Initial Calibration





#10

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

Concen: 0.754 ug/L

RT: 2.10 min Scan# 314

Delta R.T. -0.03 min

Lab File: VV018092.D

Acq: 25 Aug 2020 12:25

Instrument :

MSVOA_V

ClientSampleId :

BFSK3ME

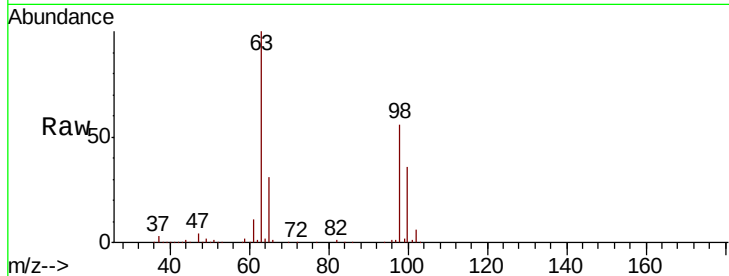
Tot Ion:101 Resp: 1679

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

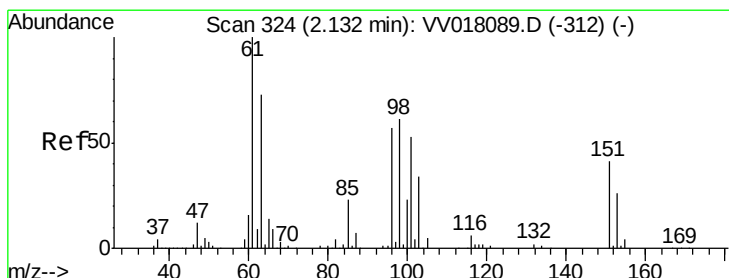
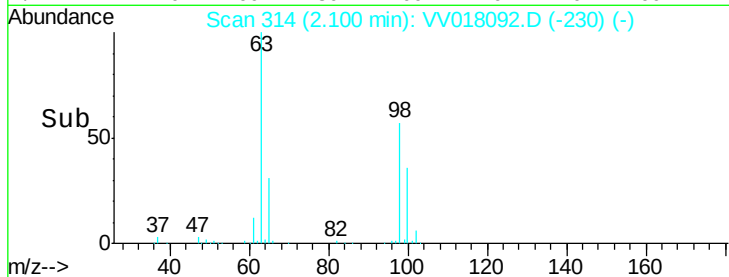
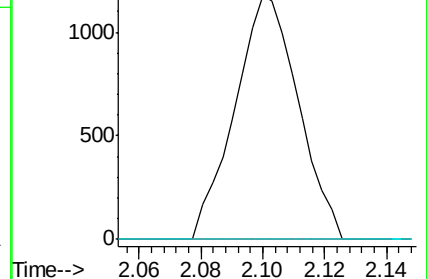
151 0.0 59.1 88.7#



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



#12

1,1-Dichloroethene

Concen: 0.732 ug/L

RT: 2.10 min Scan# 313

Delta R.T. -0.04 min

Lab File: VV018092.D

Acq: 25 Aug 2020 12:25

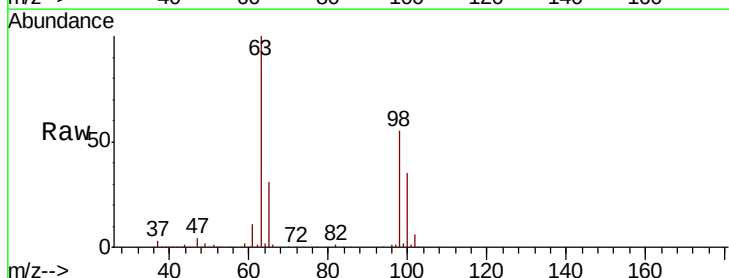
Tgt Ion: 96 Resp: 1542

Ion Ratio Lower Upper

96 100

61 1411.4 127.1 236.0#

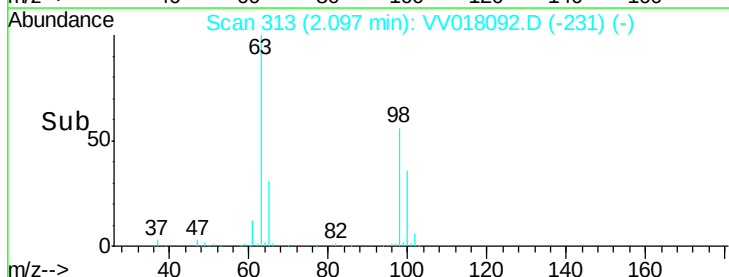
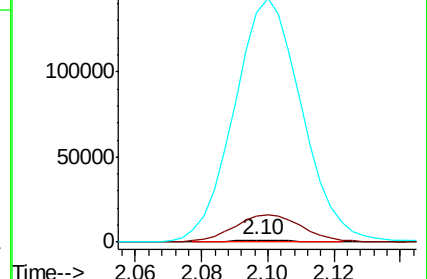
63 12332.0 95.2 176.8#

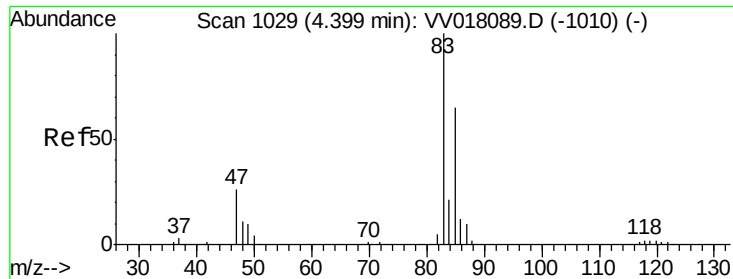


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#25

Chloroform

Concen: 1.940 ug/L

RT: 4.39 min Scan# 1026

Delta R.T. -0.01 min

Lab File: VV018092.D

Acq: 25 Aug 2020 12:25

Instrument :

MSVOA_V

ClientSampleId :

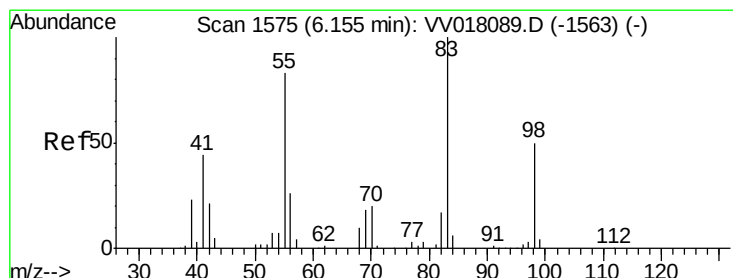
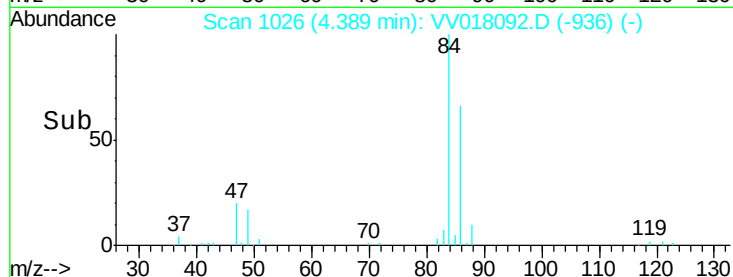
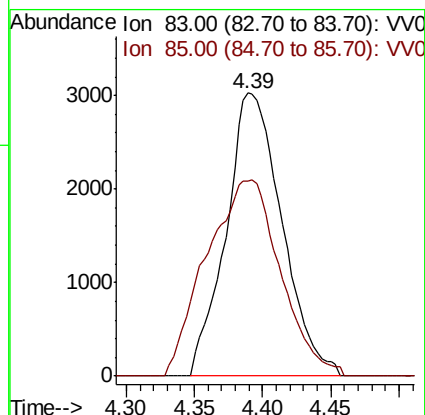
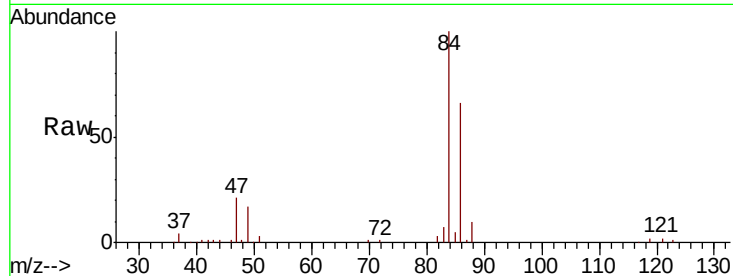
BFSK3ME

Tot Ion: 83 Resp: 8621

Ion Ratio Lower Upper

83 100

85 69.0 45.5 84.5



#35

Methylcyclohexane

Concen: 10.276 ug/L

RT: 6.09 min Scan# 1555

Delta R.T. -0.06 min

Lab File: VV018092.D

Acq: 25 Aug 2020 12:25

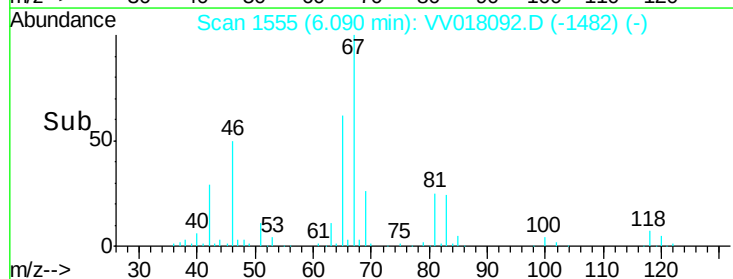
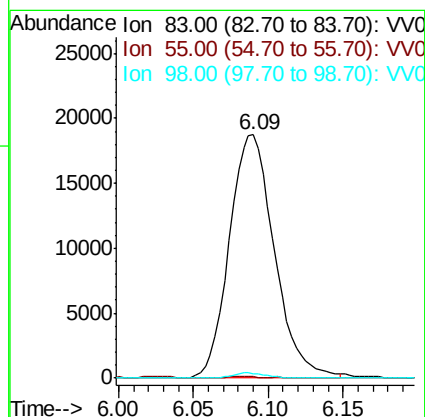
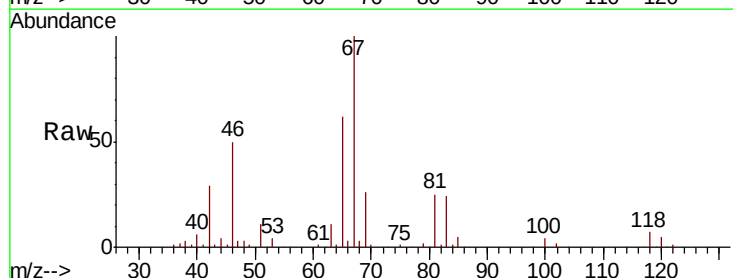
Tgt Ion: 83 Resp: 39234

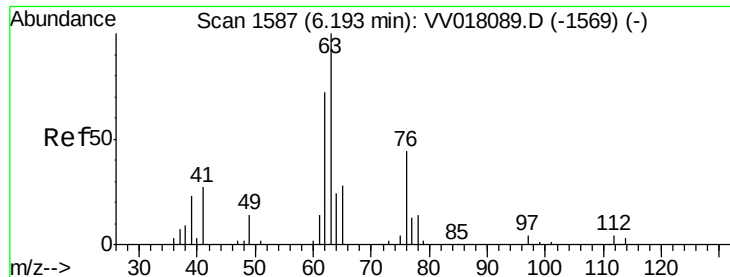
Ion Ratio Lower Upper

83 100

55 0.4 64.9 97.3#

98 1.5 38.7 58.1#

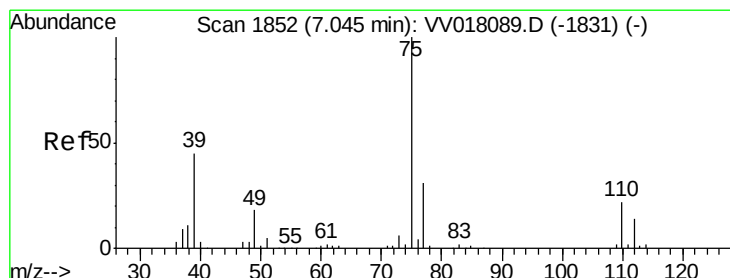
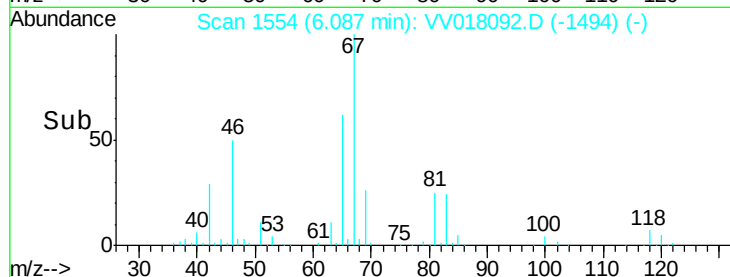
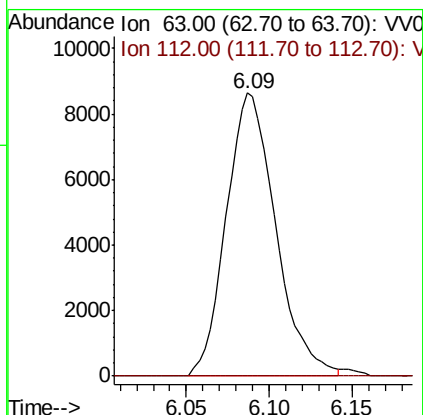
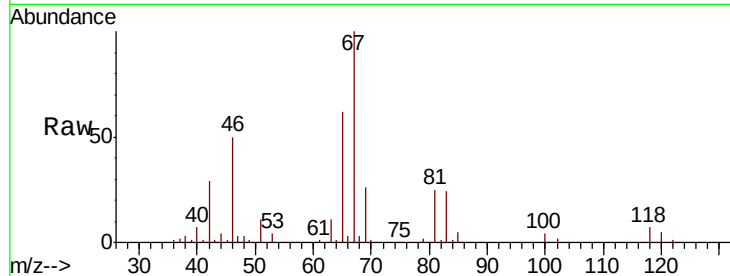




#37
 1,2-Dichloropropane
 Concen: 6.774 ug/L
 RT: 6.09 min Scan# 1554
 Delta R.T. -0.11 min
 Lab File: VV018092.D
 Acq: 25 Aug 2020 12:25

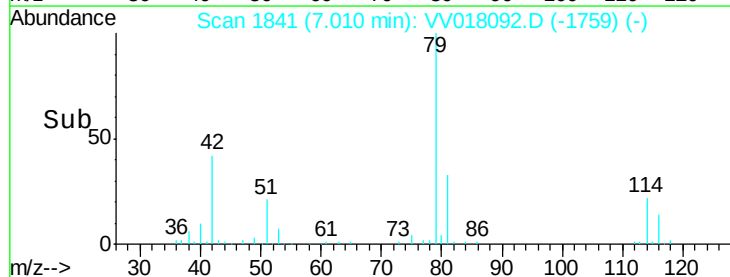
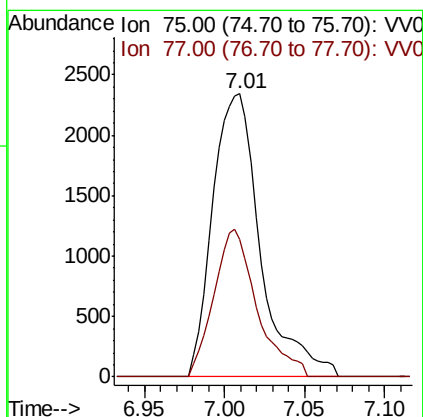
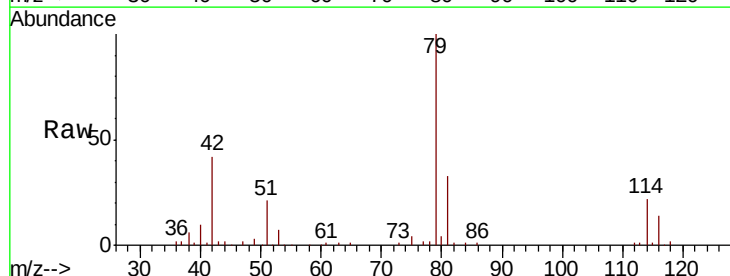
Instrument :
 MSVOA_V
 ClientSampleId :
 BFSK3ME

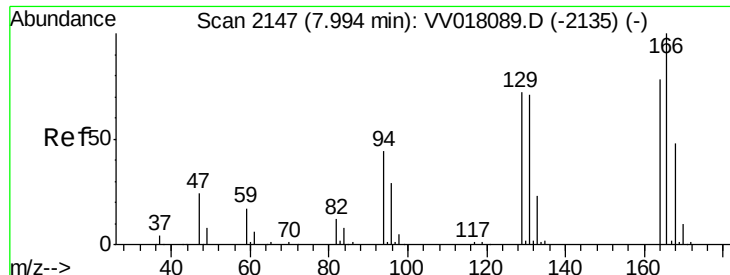
Tot Ion: 63 Resp: 17945
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 1.280 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018092.D
 Acq: 25 Aug 2020 12:25

Tgt Ion: 75 Resp: 4806
 Ion Ratio Lower Upper
 75 100
 77 48.6 22.3 41.5#

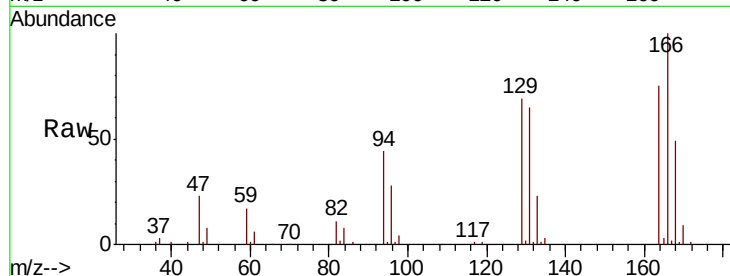




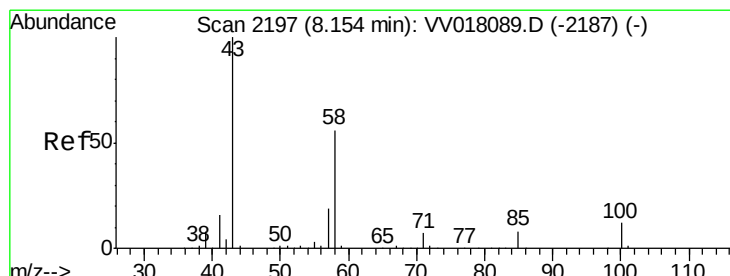
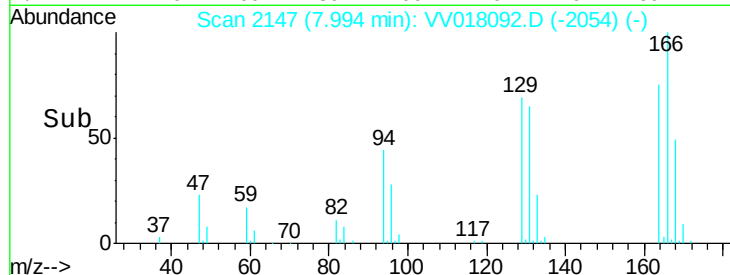
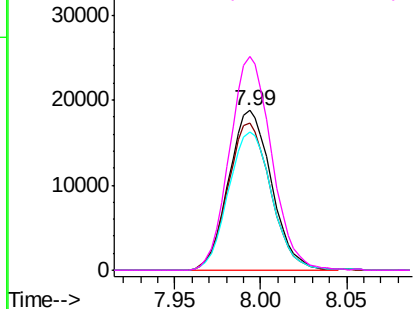
#46
Tetrachloroethene
Concen: 17.302 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. -0.00 min
Lab File: VV018092.D
Acq: 25 Aug 2020 12:25

Instrument :
MSVOA_V
ClientSampleId :
BFSK3ME

Tot Ion:164 Resp: 32582
Ion Ratio Lower Upper
164 100
129 91.8 64.8 120.3
131 86.3 64.5 119.9
166 133.6 88.9 165.1

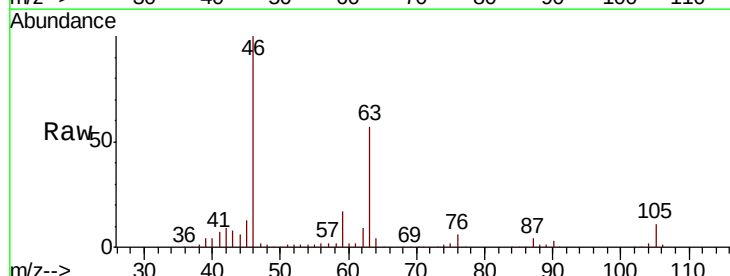


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

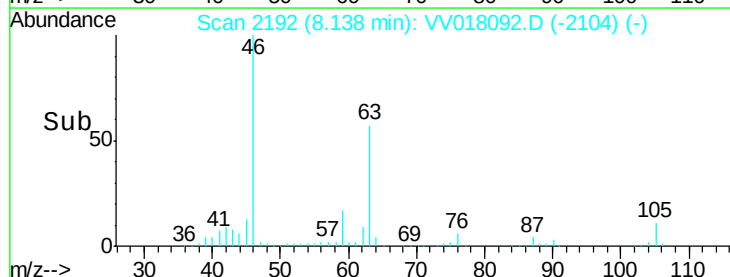
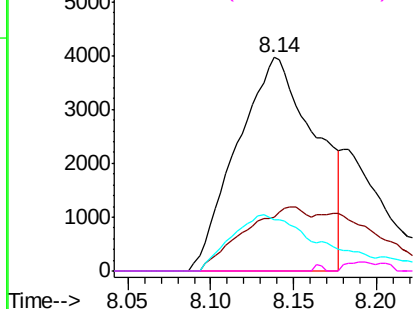


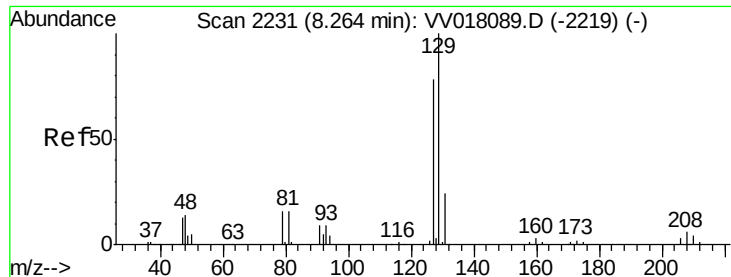
#48
2-Hexanone
Concen: 4.694 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.02 min
Lab File: VV018092.D
Acq: 25 Aug 2020 12:25

Tgt Ion: 43 Resp: 13108
Ion Ratio Lower Upper
43 100
58 24.6 44.4 66.6#
57 23.1 15.2 22.8#
100 0.3 9.8 14.6#



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0





#49

Dibromochloromethane

Concen: 11.869 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. -0.27 min

Lab File: VV018092.D

Acq: 25 Aug 2020 12:25

Instrument :

MSVOA_V

ClientSampleId :

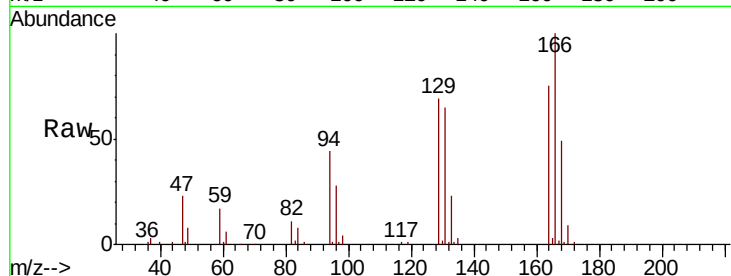
BFSK3ME

Tot Ion:129 Resp: 28422

Ion Ratio Lower Upper

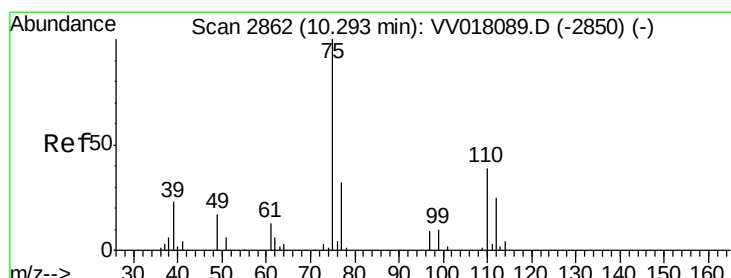
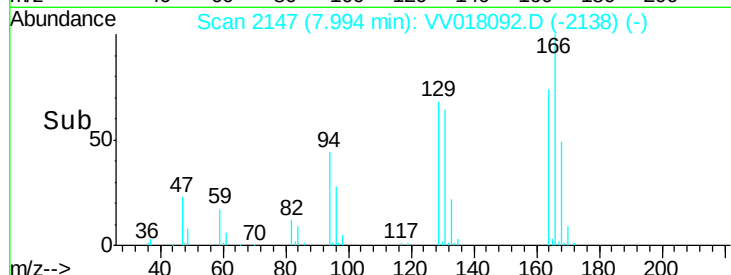
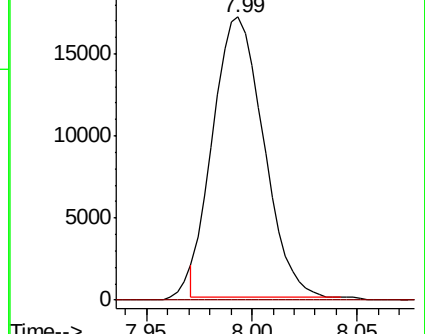
129 100

127 0.0 54.9 101.9#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 5.412 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV018092.D

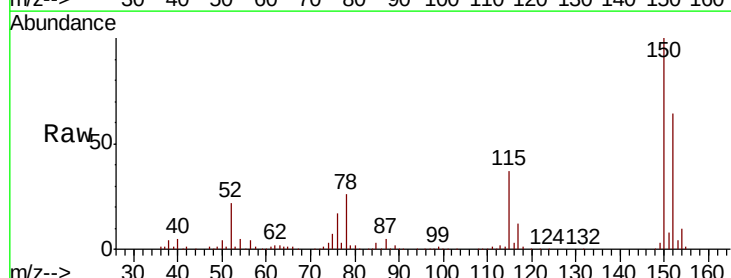
Acq: 25 Aug 2020 12:25

Tgt Ion: 75 Resp: 17706

Ion Ratio Lower Upper

75 100

77 37.1 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

