

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111220\
 Data File : VV019359.D
 Acq On : 12 Nov 2020 18:09
 Operator : SY/MD
 Sample : L4693-19ME
 Misc : 6.22g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4E5ME

Quant Time: Nov 13 01:14:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 13 01:06:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	217413	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	219331	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	116056	50.00	ug/L	0.00

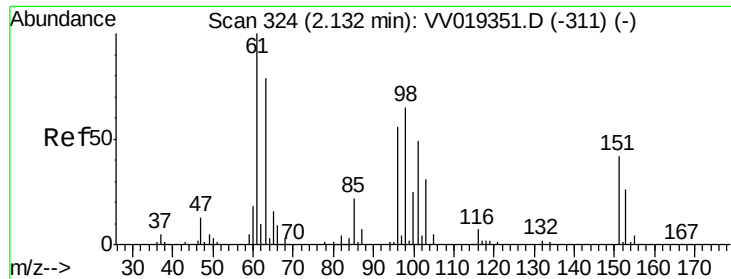
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	75198	45.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.76%
7) Chloroethane-d5	1.57	69	67237	50.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.98%
11) 1,1-Dichloroethene-d2	2.10	63	127720	37.88	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.76%
21) 2-Butanone-d5	3.92	46	77180	91.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.32%
24) Chloroform-d	4.37	84	144958	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.48%
26) 1,2-Dichloroethane-d4	5.05	65	105960	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.02%
32) Benzene-d6	5.07	84	271353	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.96%
36) 1,2-Dichloropropane-d6	6.09	67	77897	49.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.22%
41) Toluene-d8	7.33	98	261631	47.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.64%
43) trans-1,3-Dichloropropene-	7.64	79	47253	47.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.32%
47) 2-Hexanone-d5	8.14	63	58406	99.19	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.19%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	98473	45.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	114126	51.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.96%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	1128	0.786	ug/L #	18
12) 1,1-Dichloroethene	2.10	96	1434	0.979	ug/L #	1
33) Benzene	5.13	78	6459	1.167	ug/L	100
34) Trichloroethene	5.94	95	17052	10.219	ug/L	97
35) Methylcyclohexane	6.09	83	22718	11.016	ug/L #	20
37) 1,2-Dichloropropane	6.09	63	10686	7.947	ug/L #	83
46) Tetrachloroethene	7.99	164	19170	13.042	ug/L	96
48) 2-Hexanone	8.14	43	9872	7.424	ug/L #	53
49) Dibromochloromethane	7.99	129	16506	8.818	ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	11196	6.097	ug/L	90

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



#10

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

Concen: 0.786 ug/L

RT: 2.10 min Scan# 313

Delta R.T. -0.04 min

Lab File: VV019359.D

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Instrument :

MSVOA_V

ClientSampleId :

BG4E5ME

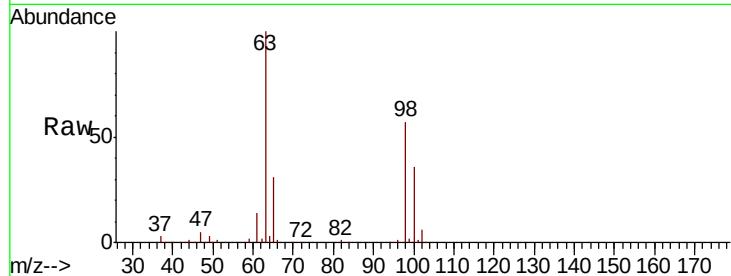
Tot Ion:101 Resp: 1128

Ion Ratio Lower Upper

101 100

85 5.7 35.8 53.6#

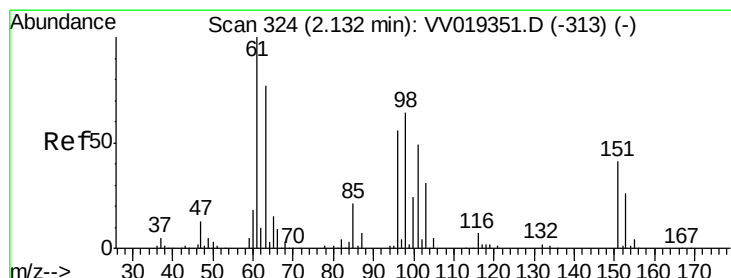
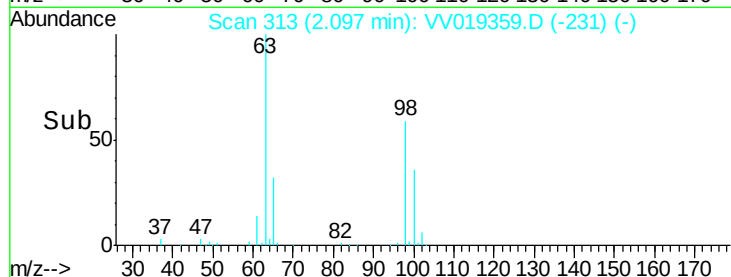
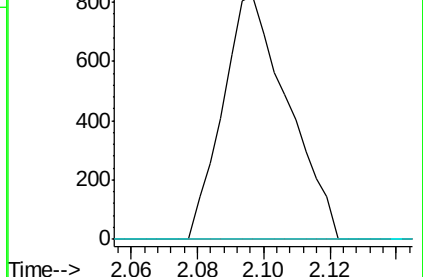
151 0.0 69.2 103.8#



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: 0.979 ug/L

RT: 2.10 min Scan# 315

Delta R.T. -0.03 min

Lab File: VV019359.D

Acq: 12 Nov 2020 18:09

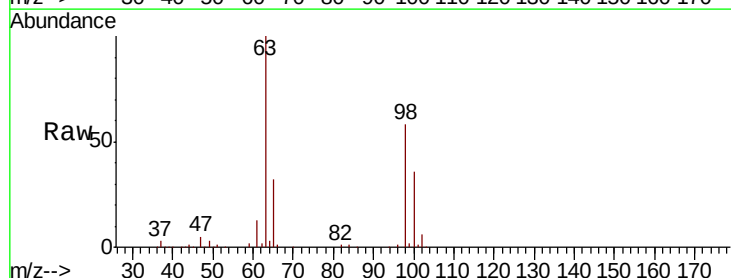
Tgt Ion: 96 Resp: 1434

Ion Ratio Lower Upper

96 100

61 1106.5 121.0 224.8#

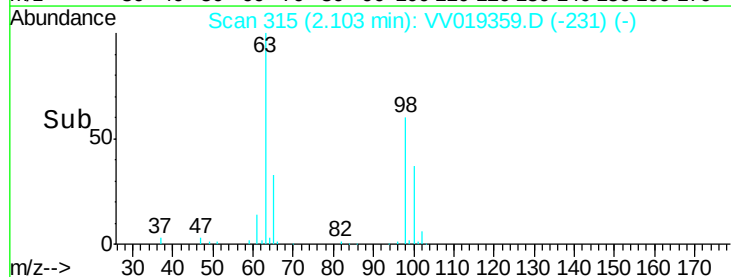
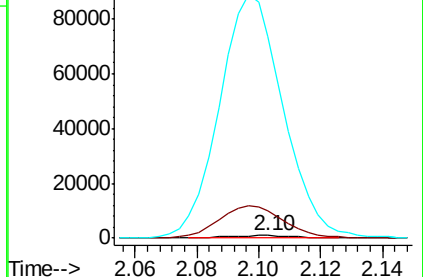
63 8293.4 86.2 160.0#

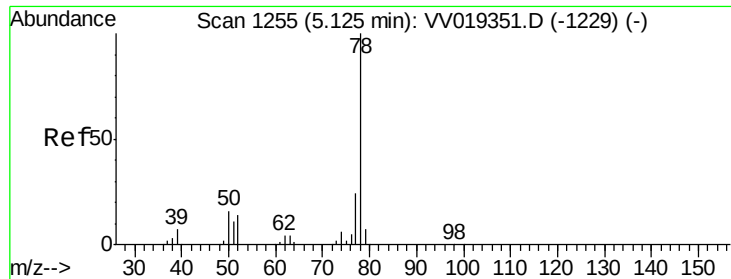


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

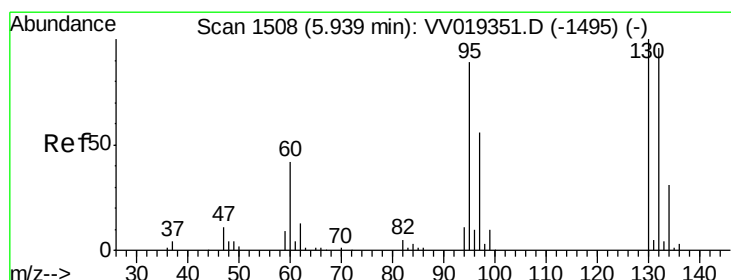
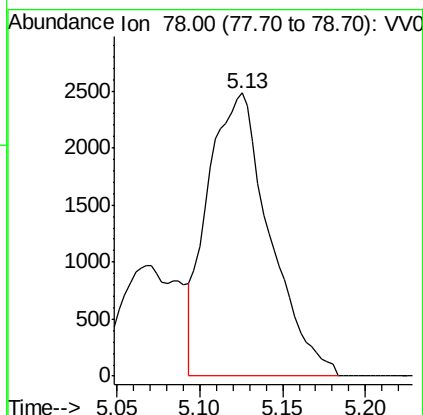
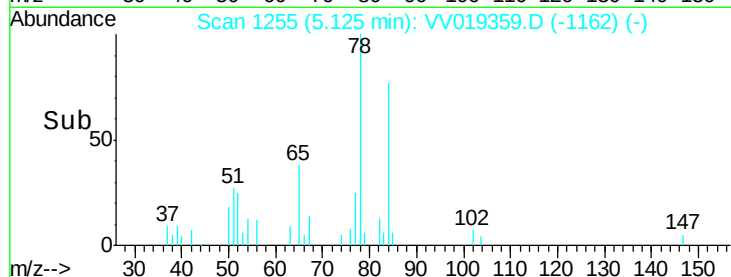
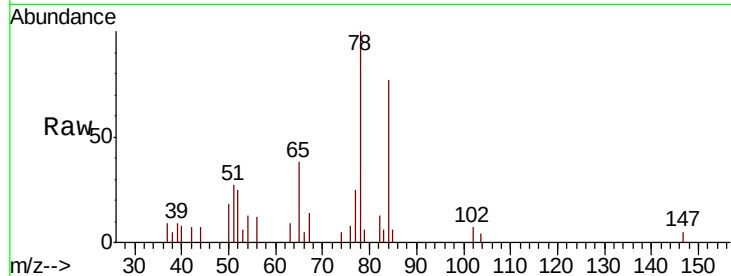




#33
Benzene
Concen: 1.167 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV019359.D
Acq: 12 Nov 2020 18:09

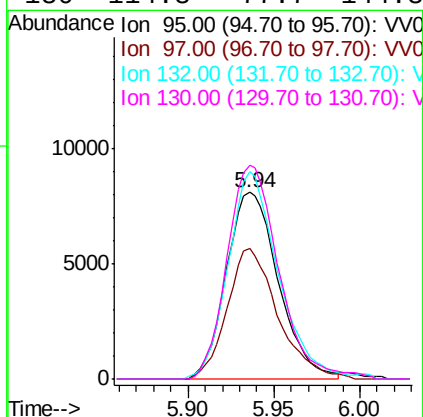
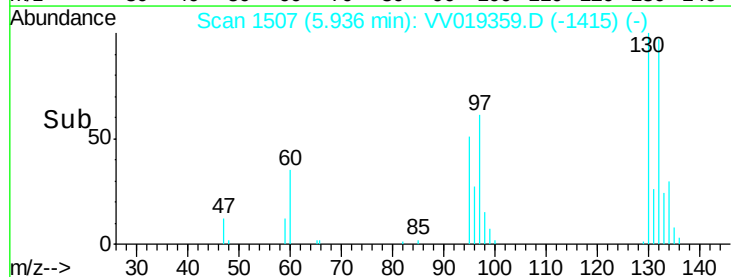
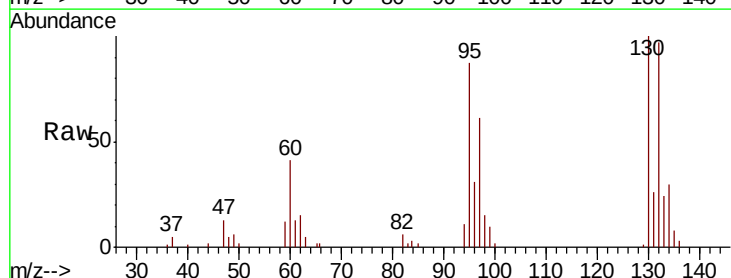
Instrument :
MSVOA_V
ClientSampleId :
BG4E5ME

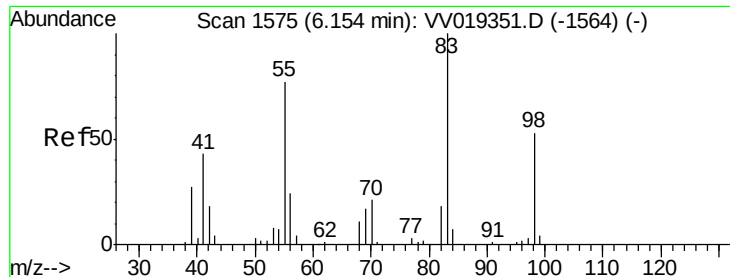
Tgt Ion: 78 Resp: 6459



#34
Trichloroethene
Concen: 10.219 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. -0.00 min
Lab File: VV019359.D
Acq: 12 Nov 2020 18:09

Tgt Ion: 95 Resp: 17052
Ion Ratio Lower Upper
95 100
97 69.7 46.8 86.8
132 111.2 75.5 140.3
130 114.3 77.7 144.3

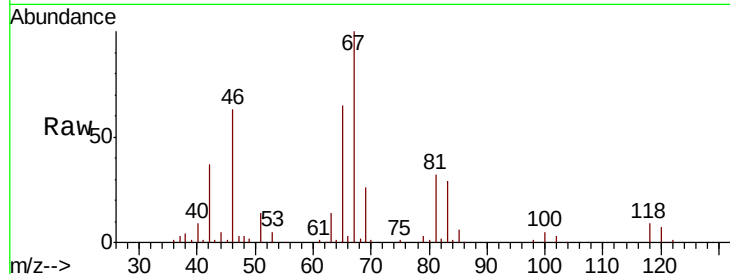




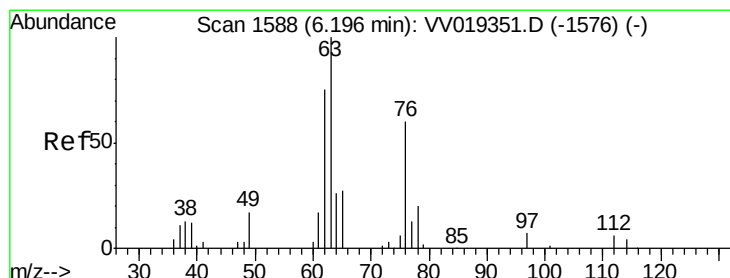
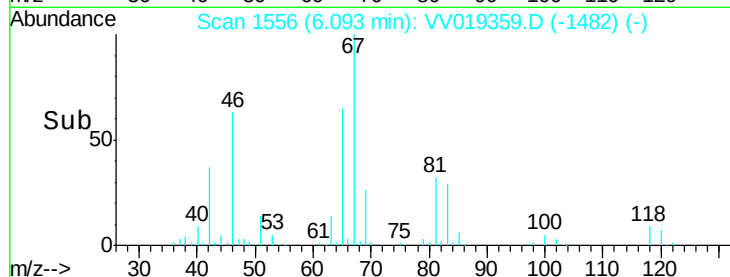
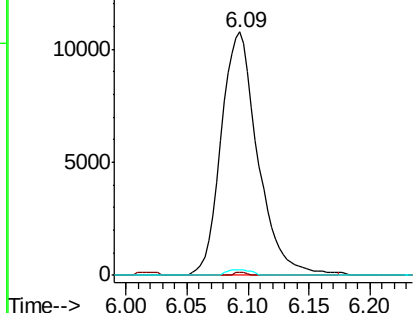
#35
Methvlcvclohexane
Concen: 11.016 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV019359.D
Acq: 12 Nov 2020 18:09

Instrument :
MSVOA_V
ClientSampleId :
BG4E5ME

Tot Ion: 83 Resp: 22718
Ion Ratio Lower Upper
83 100
55 0.4 58.6 88.0#
98 1.5 41.4 62.0#

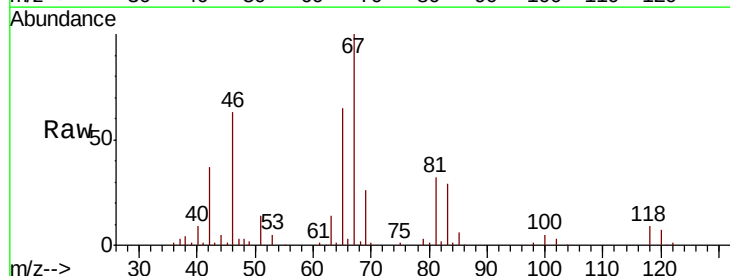


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

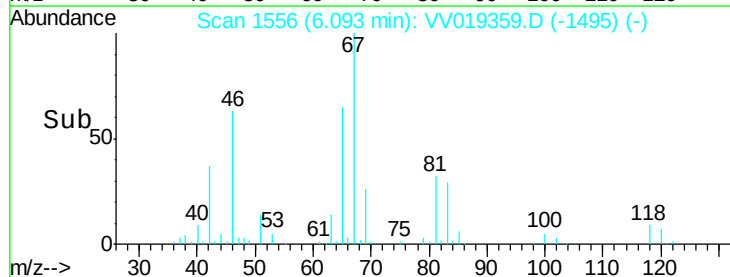
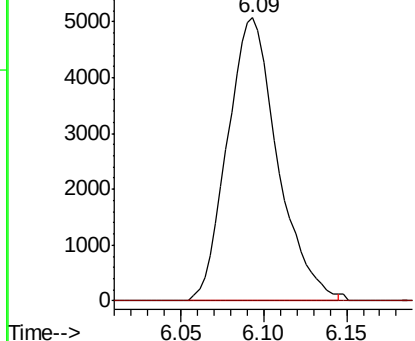


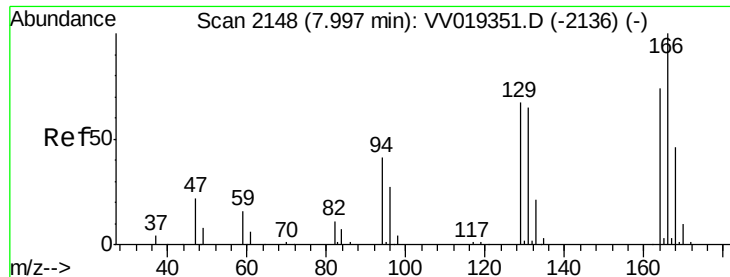
#37
1,2-Dichloropropane
Concen: 7.947 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV019359.D
Acq: 12 Nov 2020 18:09

Tgt Ion: 63 Resp: 10686
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

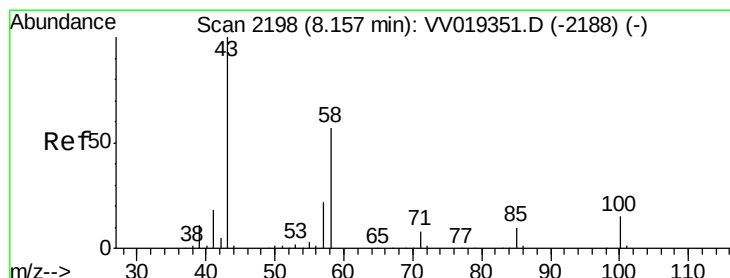
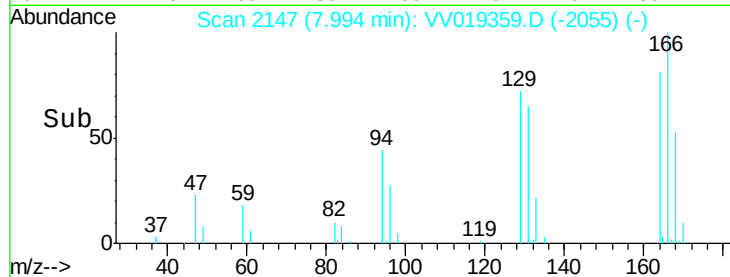
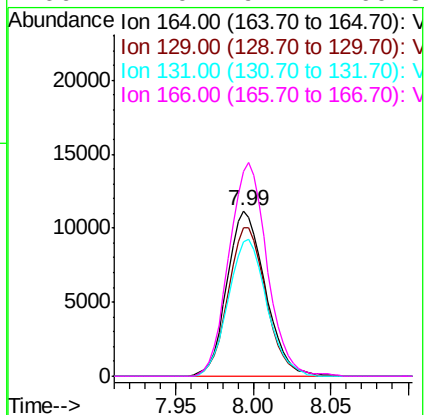
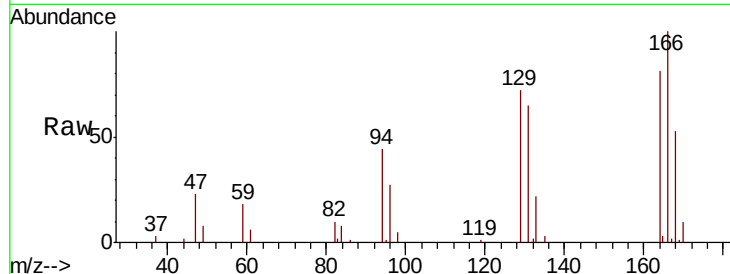




#46
Tetrachloroethene
Concen: 13.042 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. -0.00 min
Lab File: VV019359.D
Acq: 12 Nov 2020 18:09

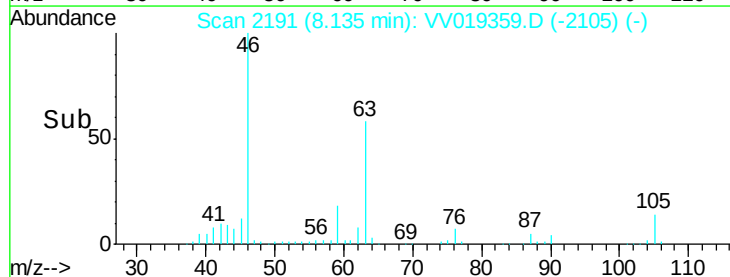
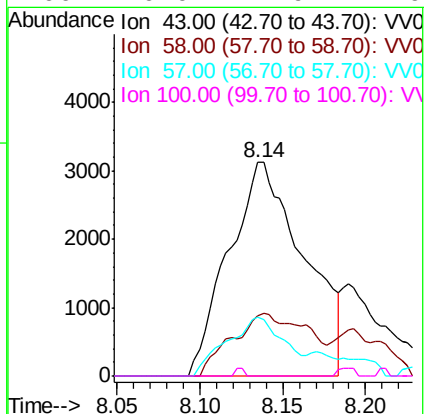
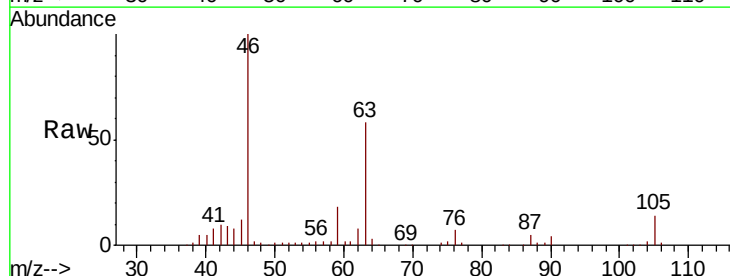
Instrument :
MSVOA_V
ClientSampleId :
BG4E5ME

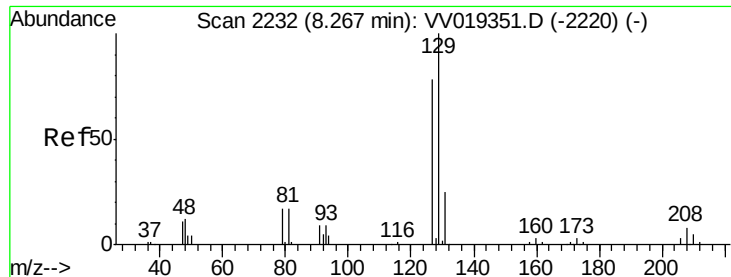
Tot Ion:164 Resp: 19170
Ion Ratio Lower Upper
164 100
129 89.9 60.9 113.1
131 81.2 58.9 109.5
166 124.0 91.4 169.8



#48
2-Hexanone
Concen: 7.424 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.02 min
Lab File: VV019359.D
Acq: 12 Nov 2020 18:09

Tgt Ion: 43 Resp: 9872
Ion Ratio Lower Upper
43 100
58 5.3 43.6 65.4#
57 20.6 17.2 25.8
100 0.0 11.9 17.9#

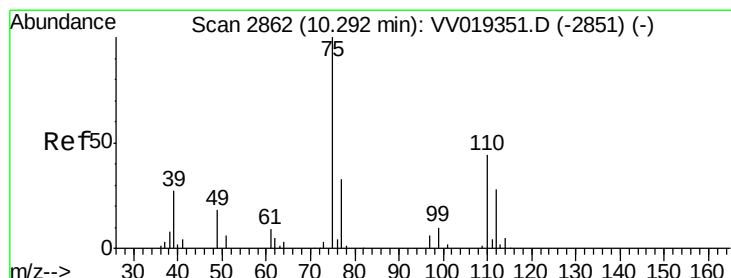
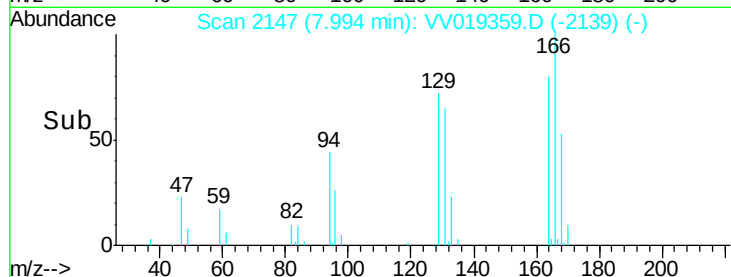
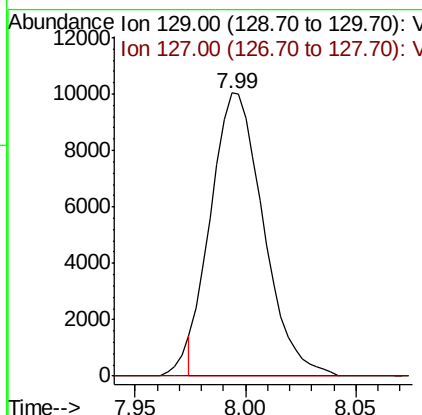
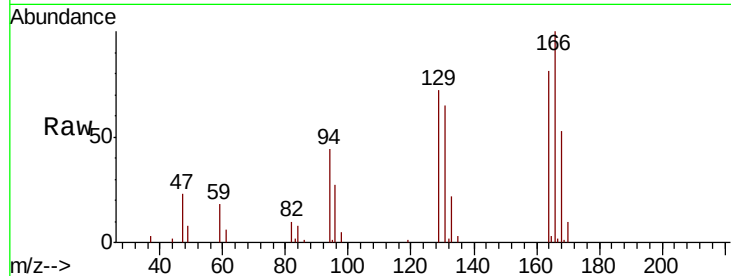




#49
Dibromochloromethane
Concen: 8.818 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. -0.27 min
Lab File: VV019359.D
Acq: 12 Nov 2020 18:09

Instrument :
MSVOA_V
ClientSampleId :
BG4E5ME

Tot Ion:129 Resp: 16506
Ion Ratio Lower Upper
129 100
127 0.0 54.9 102.1#



#59
1,2,3-Trichloropropane
Concen: 6.097 ug/L
RT: 11.27 min Scan# 3167
Delta R.T. 0.98 min
Lab File: VV019359.D
Acq: 12 Nov 2020 18:09

Tgt Ion: 75 Resp: 11196
Ion Ratio Lower Upper
75 100
77 36.8 25.0 37.4

