

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
 Data File : VV019564.D
 Acq On : 12 Dec 2020 18:29
 Operator : SY/MD
 Sample : L4928-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4J3

Quant Time: Dec 13 04:40:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 13 04:37:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	644008	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	598587	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	278914	50.00	ug/L	0.00

System Monitoring Compounds

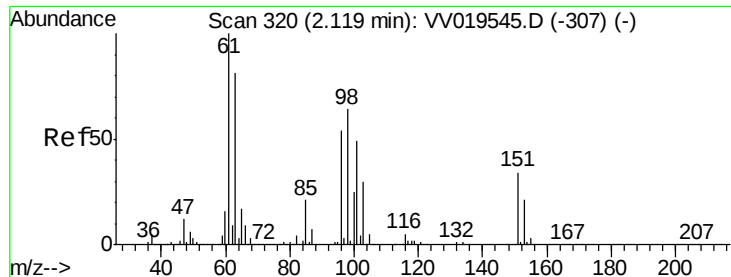
4) Vinyl Chloride-d3	1.31	65	263126	56.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	113.96%
7) Chloroethane-d5	1.57	69	210629	57.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.66%
11) 1,1-Dichloroethene-d2	2.11	63	372185	43.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.84%
21) 2-Butanone-d5	3.89	46	304698	121.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.39%
24) Chloroform-d	4.35	84	446349	53.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.26%
26) 1,2-Dichloroethane-d4	5.04	65	312545	57.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.92%
32) Benzene-d6	5.05	84	904816	56.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.36%
36) 1,2-Dichloropropane-d6	6.07	67	284147	56.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.64%
41) Toluene-d8	7.32	98	804166	55.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.90%
43) trans-1,3-Dichloropropene-	7.62	79	145638	51.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.40%
47) 2-Hexanone-d5	8.09	63	225987	115.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.14%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	364134	53.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.66%
64) 1,2-Dichlorobenzene-d4	11.63	152	288179	55.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.54%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3228	0.863 ug/L #	25
13) Acetone	2.19	43	11051	5.168 ug/L	76
19) 1,1-Dichloroethane	3.05	63	6463	0.793 ug/L #	1
29) Cyclohexane	4.68	56	6062	0.826 ug/L #	3
35) Methylcyclohexane	6.07	83	69367	9.881 ug/L #	17
46) Tetrachloroethene	7.98	164	3558	1.113 ug/L	96
48) 2-Hexanone	8.09	43	26083	5.215 ug/L #	67
49) Dibromochloromethane	7.98	129	3517	0.740 ug/L #	11
59) 1,2,3-Trichloropropane	11.25	75	38282	6.737 ug/L	90

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

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Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1



#10

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

Concen: 0.863 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019564.D

Acq: 12 Dec 2020 18:29

Instrument :

MSVOA_V

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BG4J3

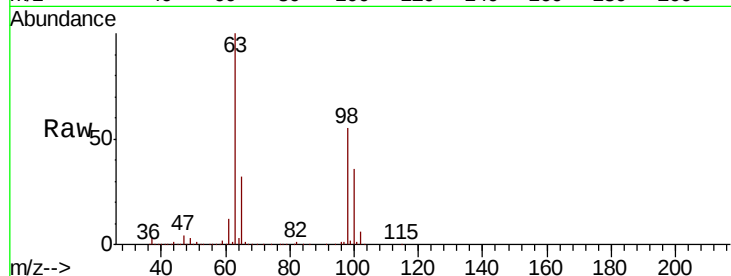
Tot Ion:101 Resp: 3228

Ion Ratio Lower Upper

101 100

85 3.7 35.0 52.4#

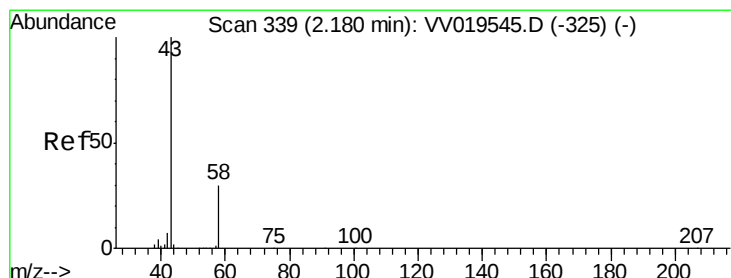
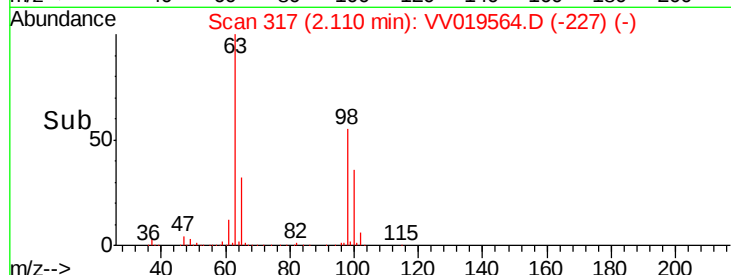
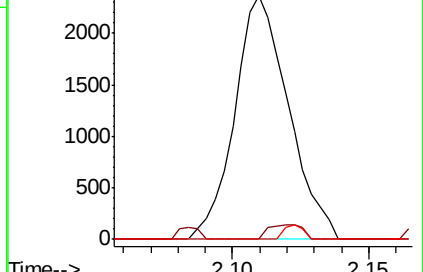
151 2.2 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): VV019545.D (-307) (-)

Ion 85.00 (84.70 to 85.70): VV019545.D (-307) (-)

Ion 151.00 (150.70 to 151.70): VV019545.D (-307) (-)



#13

Acetone

Concen: 5.168 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV019564.D

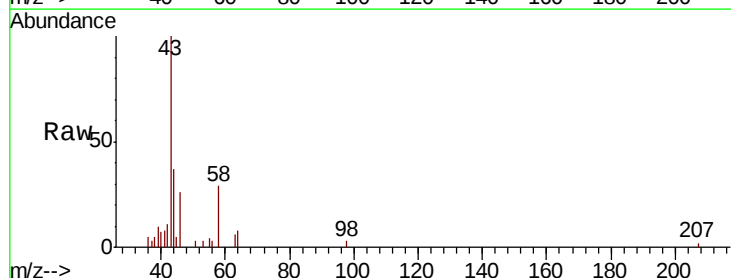
Acq: 12 Dec 2020 18:29

Tgt Ion: 43 Resp: 11051

Ion Ratio Lower Upper

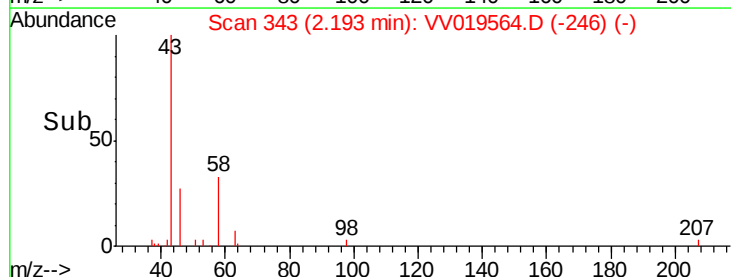
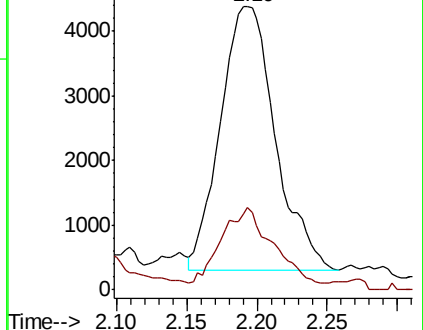
43 100

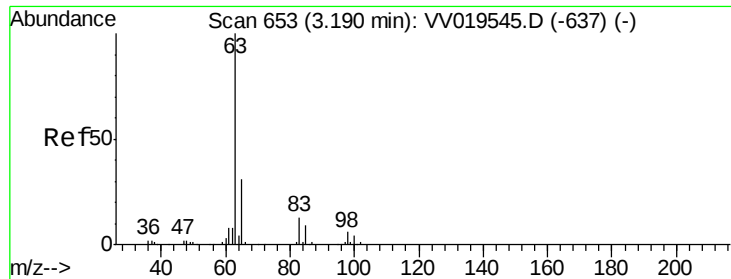
58 17.5 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV019545.D (-325) (-)

Ion 58.00 (57.70 to 58.70): VV019545.D (-325) (-)

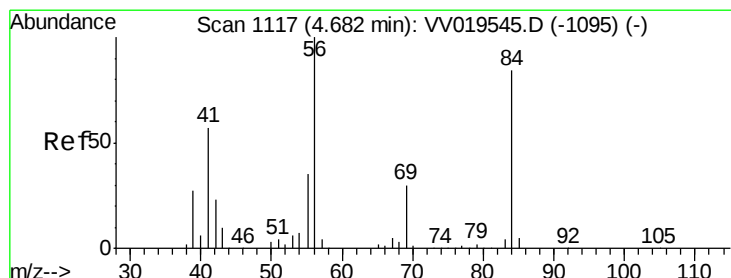
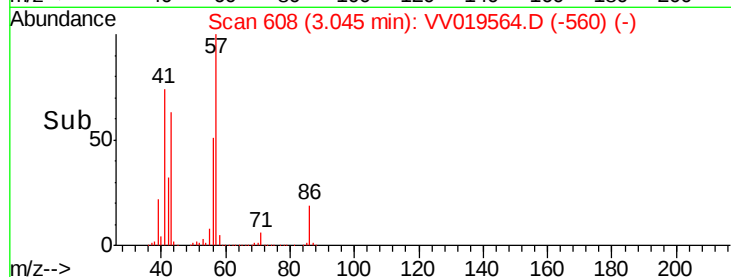
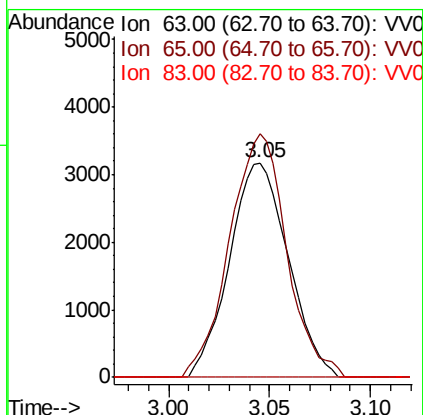
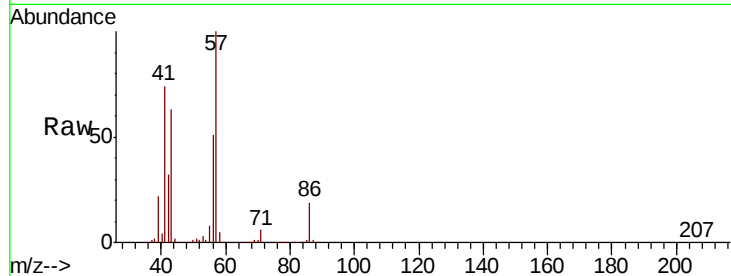




#19
1,1-Dichloroethane
Concen: 0.793 ug/L
RT: 3.05 min Scan# 608
Delta R.T. -0.14 min
Lab File: VV019564.D
Acq: 12 Dec 2020 18:29

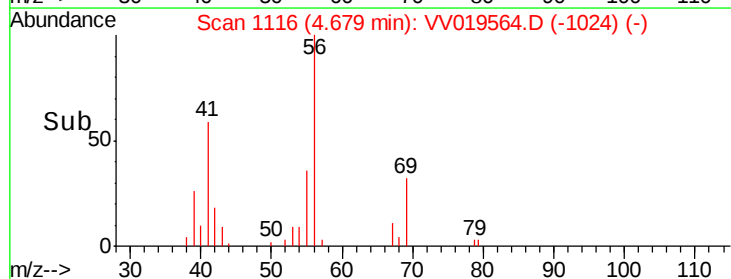
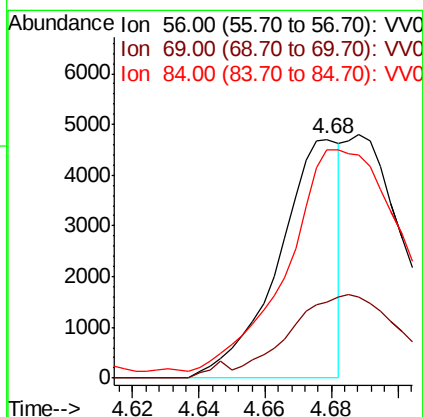
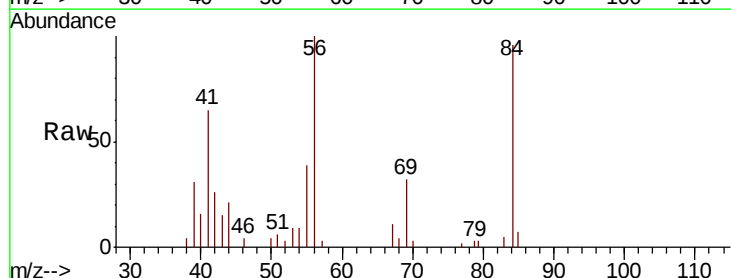
Instrument :
MSVOA_V
ClientSampleId :
BG4J3

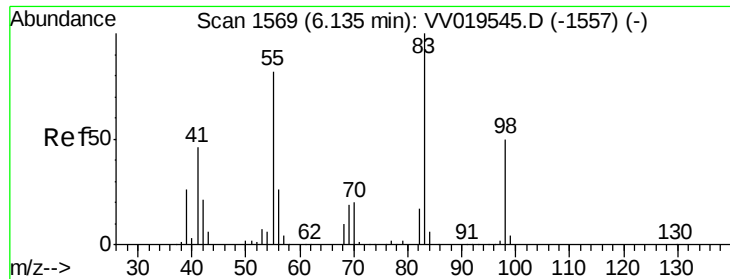
Tot Ion: 63 Resp: 6463
Ion Ratio Lower Upper
63 100
65 113.6 22.4 41.6#
83 0.0 9.6 17.8#



#29
Cyclohexane
Concen: 0.826 ug/L
RT: 4.68 min Scan# 1116
Delta R.T. -0.00 min
Lab File: VV019564.D
Acq: 12 Dec 2020 18:29

Tgt Ion: 56 Resp: 6062
Ion Ratio Lower Upper
56 100
69 64.4 24.6 37.0#
84 186.1 68.2 102.4#

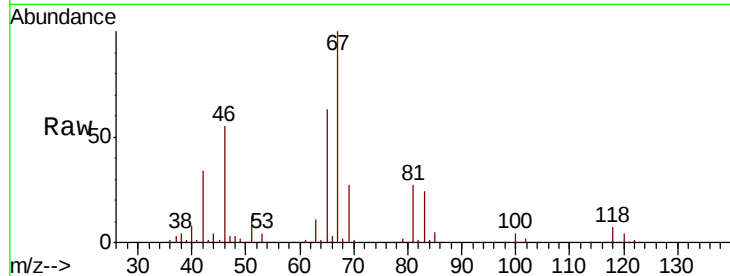




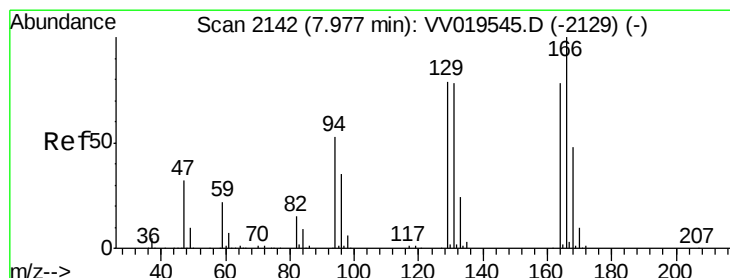
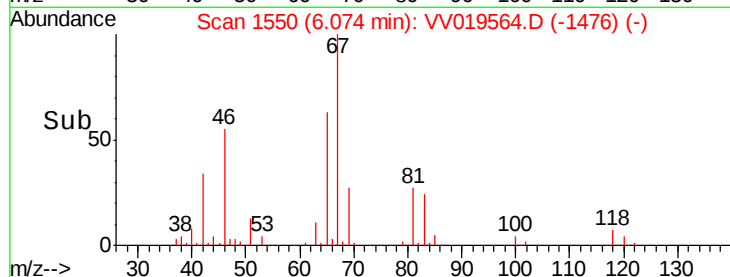
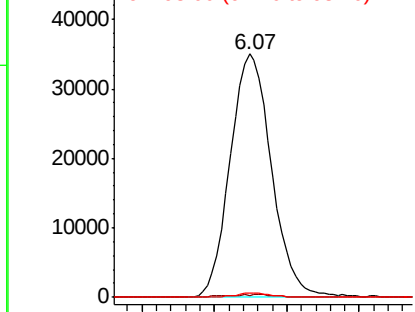
#35
Methylcyclohexane
Concen: 9.881 ug/L
RT: 6.07 min Scan# 1550
Delta R.T. -0.06 min
Lab File: VV019564.D
Acq: 12 Dec 2020 18:29

Instrument :
MSVOA_V
ClientSampleId :
BG4J3

Tot Ion: 83 Resp: 69367
Ion Ratio Lower Upper
83 100
55 0.1 64.2 96.4#
98 1.5 39.3 58.9#

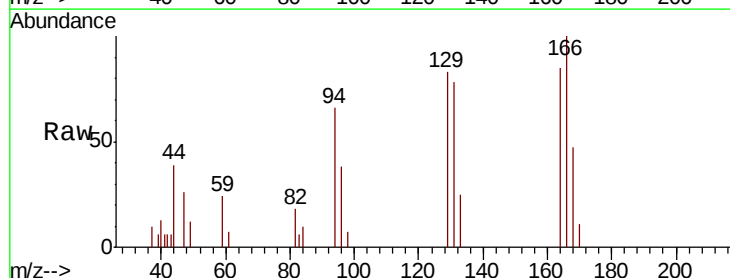


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

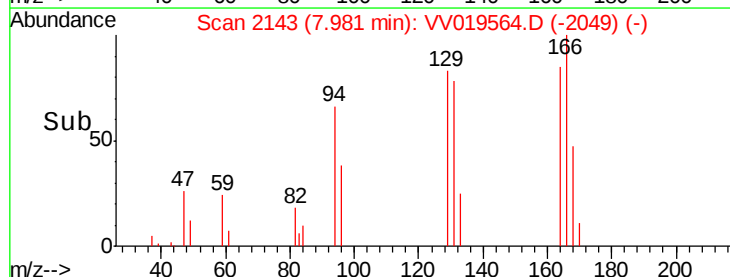
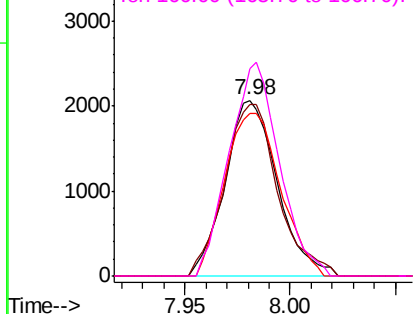


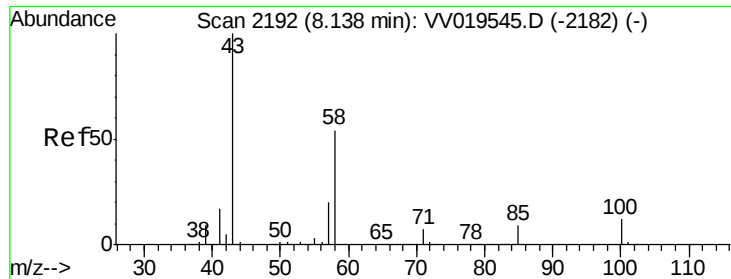
#46
Tetrachloroethene
Concen: 1.113 ug/L
RT: 7.98 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VV019564.D
Acq: 12 Dec 2020 18:29

Tgt Ion: 164 Resp: 3558
Ion Ratio Lower Upper
164 100
129 98.0 70.6 131.0
131 92.6 68.0 126.4
166 118.3 86.9 161.5



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

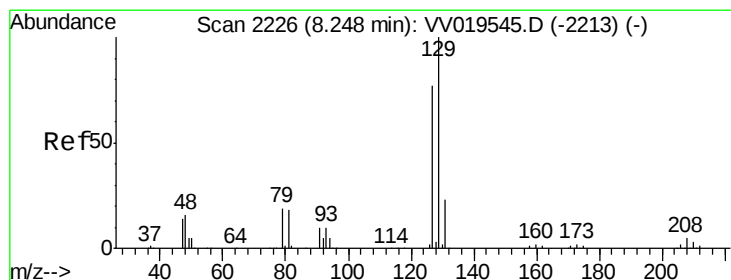
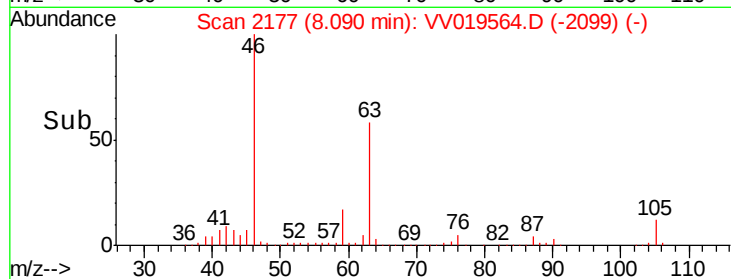
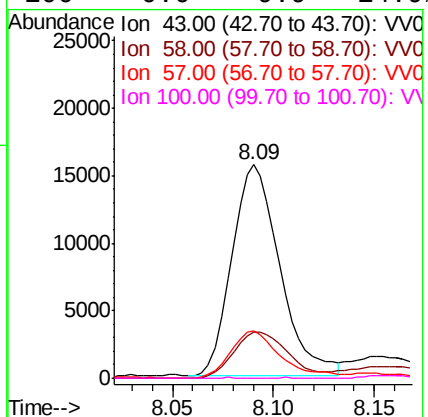
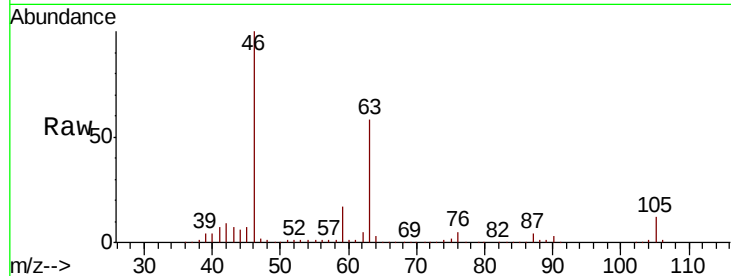




#48
2-Hexanone
Concen: 5.215 ug/L
RT: 8.09 min Scan# 2177
Delta R.T. -0.05 min
Lab File: VV019564.D
Acq: 12 Dec 2020 18:29

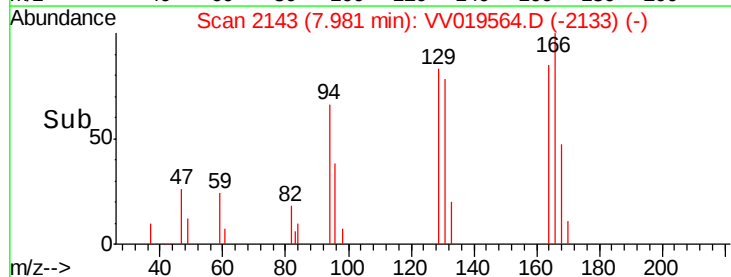
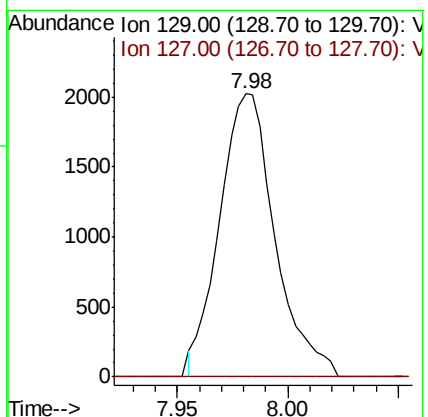
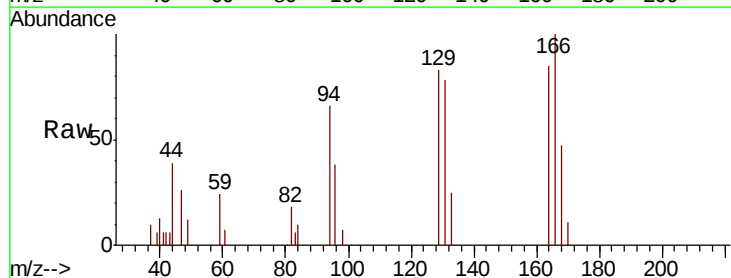
Instrument :
MSVOA_V
ClientSampleId :
BG4J3

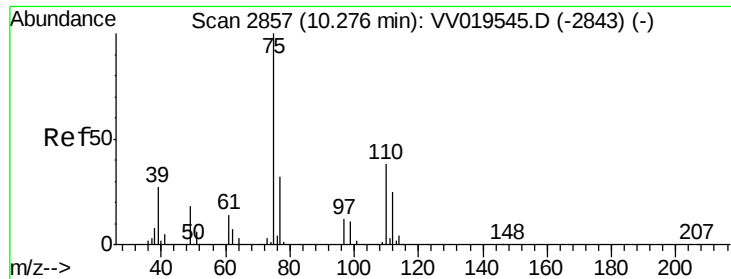
Tot Ion	Ratio	Lower	Upper
43	100		
58	24.7	44.4	66.6#
57	22.5	15.7	23.5
100	0.0	9.9	14.9#



#49
Dibromochloromethane
Concen: 0.740 ug/L
RT: 7.98 min Scan# 2143
Delta R.T. -0.27 min
Lab File: VV019564.D
Acq: 12 Dec 2020 18:29

Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.2	100.6#





#59

1,2,3-Trichloropropane

Concen: 6.737 ug/L

RT: 11.25 min Scan# 3160

Delta R.T. 0.97 min

Lab File: VV019564.D

Acq: 12 Dec 2020 18:29

Instrument :

MSVOA_V

ClientSampleId :

BG4J3

Tot Ion: 75 Resp: 38282

Ion Ratio Lower Upper

75 100

77 37.7 25.8 38.8

