

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122220\
 Data File : VV019798.D
 Acq On : 22 Dec 2020 16:21
 Operator : SY/MD
 Sample : L5173-11ME
 Misc : 5.50µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4R7ME

Quant Time: Dec 23 01:07:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 23 01:05:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	753517	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	709046	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	323942	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	266879	49.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.78%
7) Chloroethane-d5	1.57	69	167630	39.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.66%
11) 1,1-Dichloroethene-d2	2.08	63	389870	38.88	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.76%
21) 2-Butanone-d5	3.91	46	368642	125.52	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.52%
24) Chloroform-d	4.35	84	480286	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.64%
26) 1,2-Dichloroethane-d4	5.04	65	337716	53.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.14%
32) Benzene-d6	5.05	84	994744	52.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.07	67	318874	53.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.66%
41) Toluene-d8	7.32	98	869682	51.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.16%
43) trans-1,3-Dichloropropene-	7.63	79	146083	43.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.70%
47) 2-Hexanone-d5	8.13	63	241698	103.96	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.96%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	368176	45.95	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.90%
64) 1,2-Dichlorobenzene-d4	11.64	152	292214	48.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.52%

Target Compounds

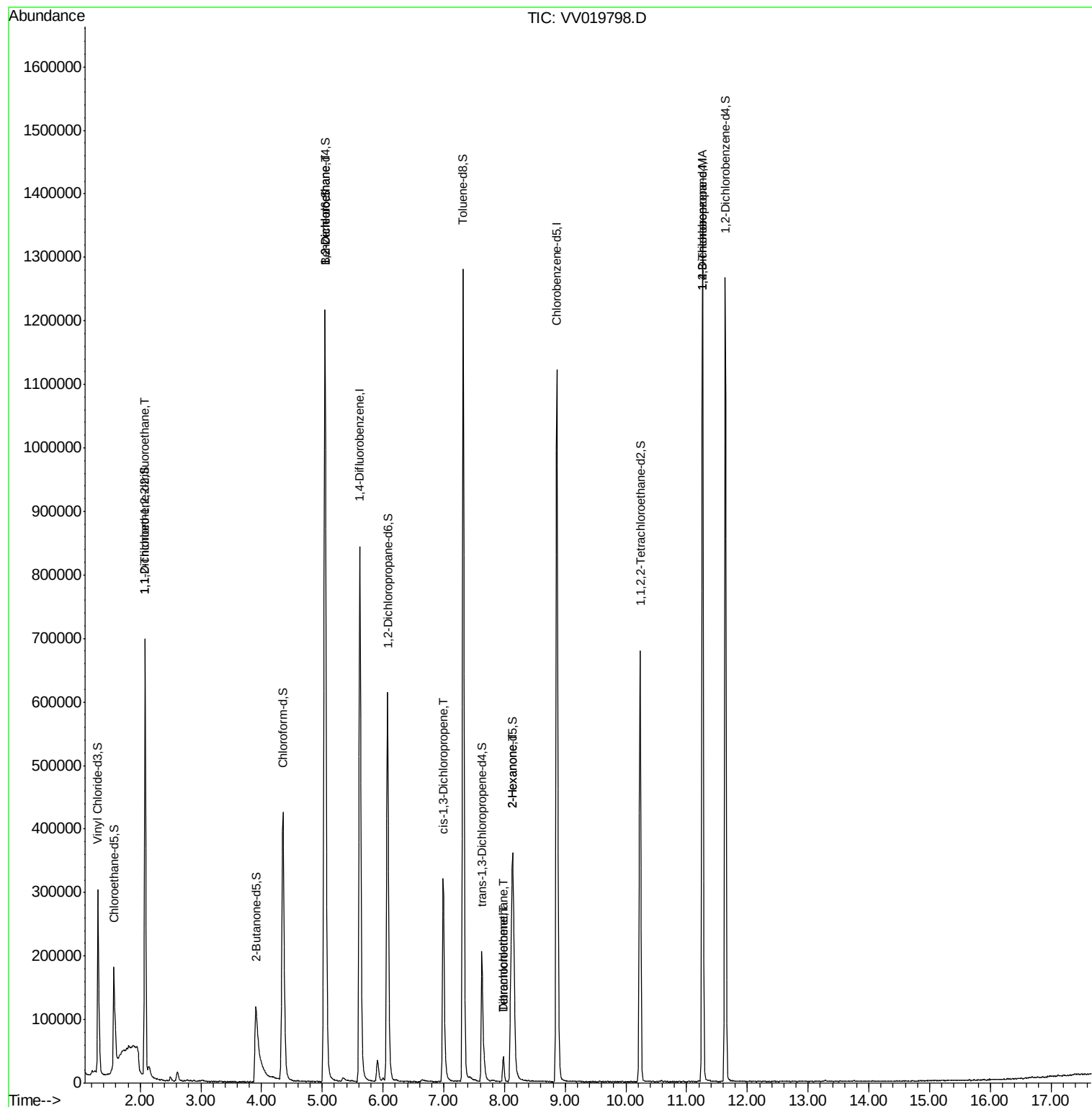
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.08	101	3194	0.730 ug/L #	24
27) 1,2-Dichloroethane	5.05	62	6472	0.820 ug/L	99
39) cis-1,3-Dichloropropene	6.99	75	9240	1.028 ug/L #	78
46) Tetrachloroethene	7.98	164	8376	2.211 ug/L	90
48) 2-Hexanone	8.13	43	19279	3.254 ug/L #	46
49) Dibromochloromethane	7.98	129	8532	1.516 ug/L #	11
59) 1,2,3-Trichloropropane	11.26	75	45600	6.774 ug/L	98

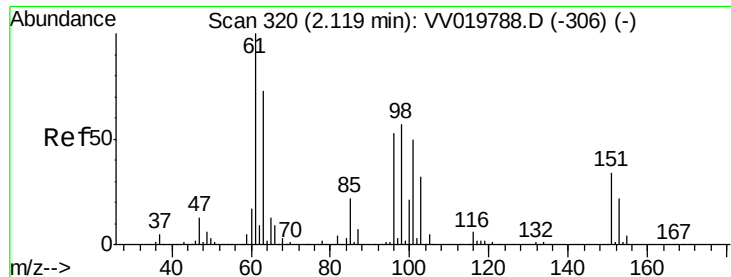
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Dec 23 01:05:06 2020
Response via : Initial Calibration





#10

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

Concen: 0.730 ug/L

RT: 2.08 min Scan# 308

Delta R.T. -0.04 min

Lab File: VV019798.D

Acq: 22 Dec 2020 16:21

Instrument :

MSVOA_V

ClientSampleId :

BG4R7ME

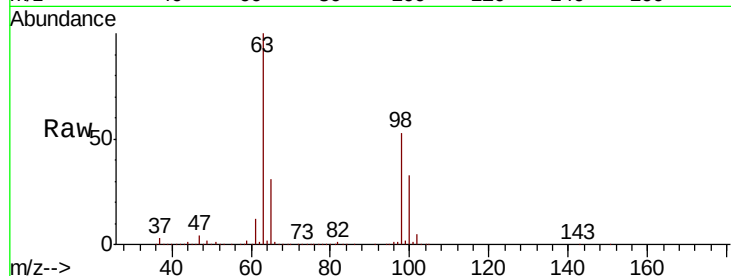
Tot Ion:101 Resp: 3194

Ion Ratio Lower Upper

101 100

85 2.0 35.0 52.4#

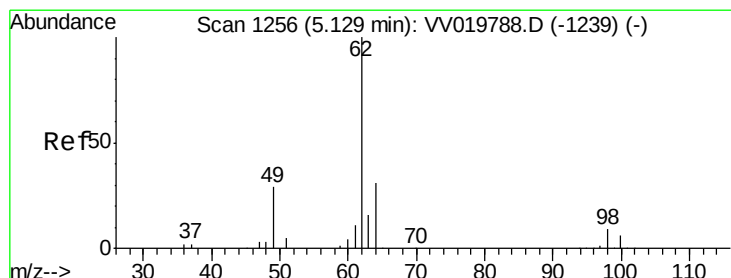
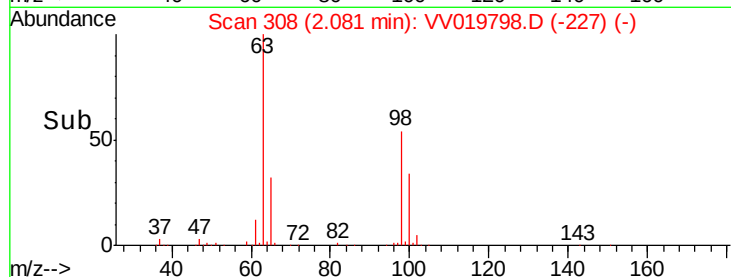
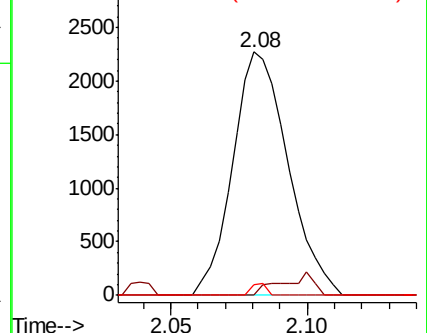
151 1.3 55.8 83.8#



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



#27

1,2-Dichloroethane

Concen: 0.820 ug/L

RT: 5.05 min Scan# 1231

Delta R.T. -0.08 min

Lab File: VV019798.D

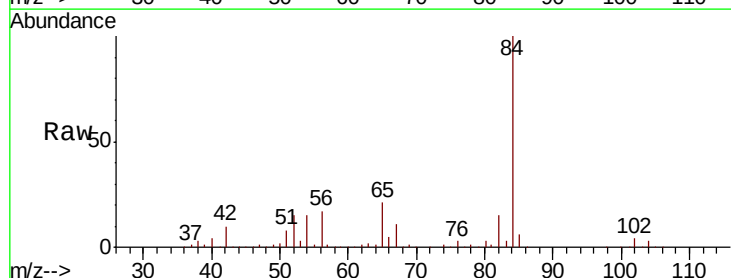
Acq: 22 Dec 2020 16:21

Tgt Ion: 62 Resp: 6472

Ion Ratio Lower Upper

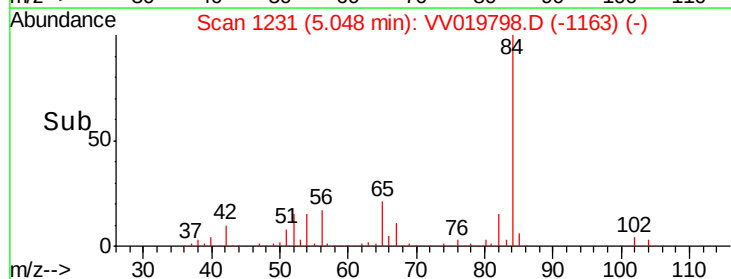
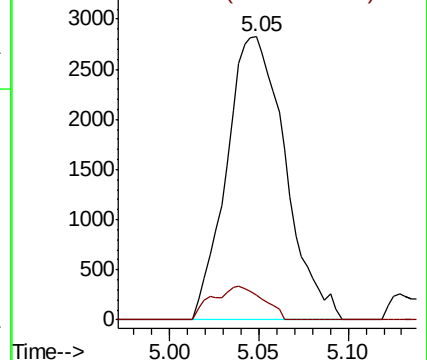
62 100

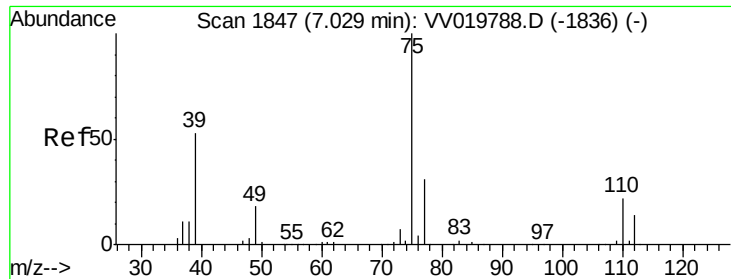
98 8.8 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

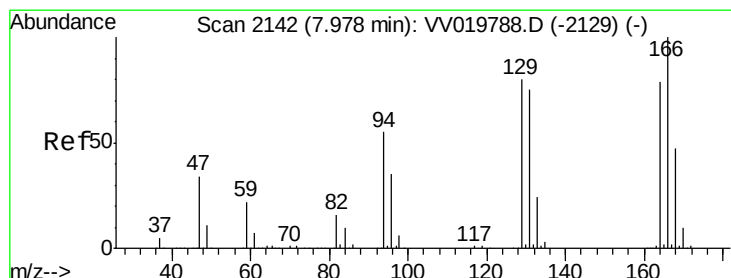
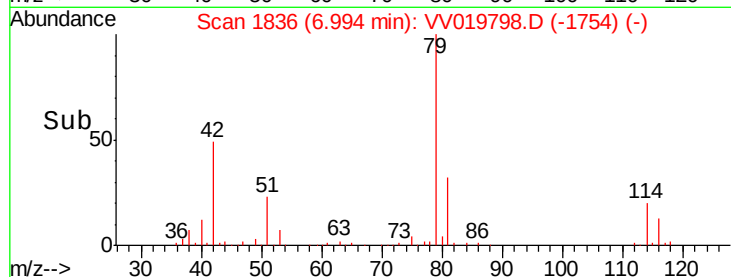
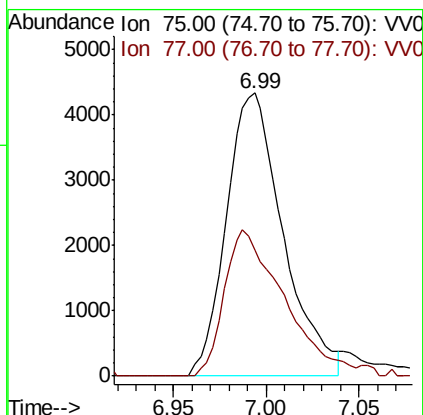
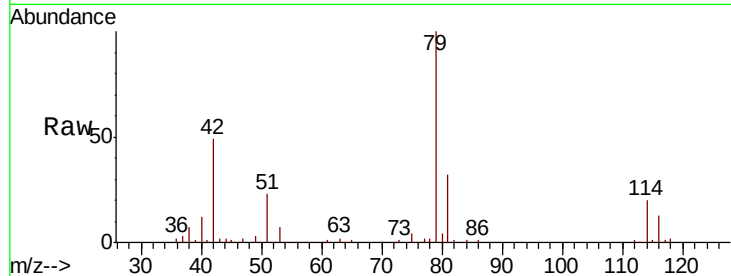




#39
 cis-1,3-Dichloropropene
 Concen: 1.028 ug/L
 RT: 6.99 min Scan# 1836
 Delta R.T. -0.04 min
 Lab File: VV019798.D
 Acq: 22 Dec 2020 16:21

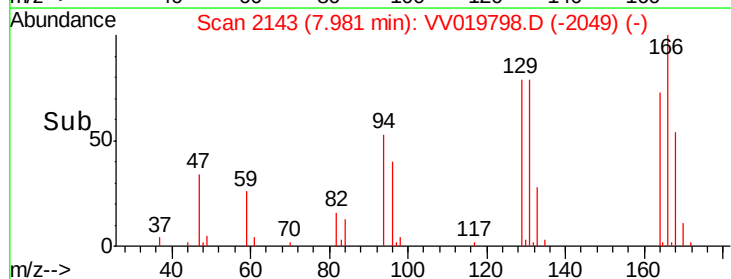
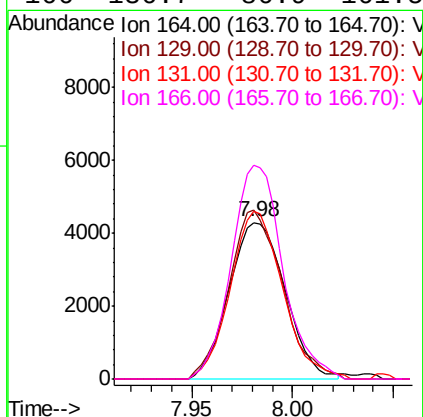
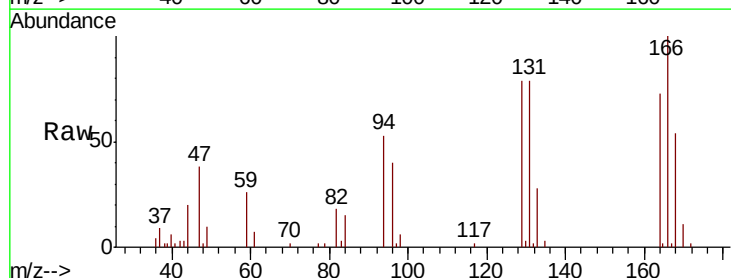
Instrument :
 MSVOA_V
 ClientSampleId :
 BG4R7ME

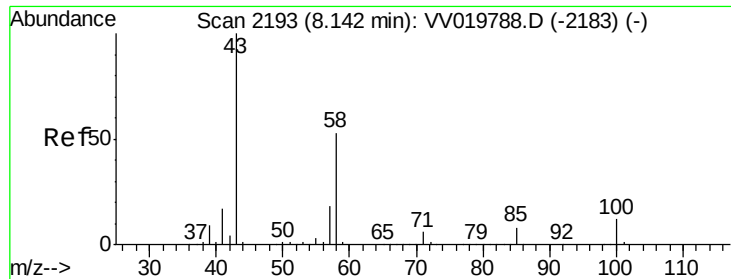
Tot Ion: 75 Resp: 9240
 Ion Ratio Lower Upper
 75 100
 77 44.3 22.4 41.6#



#46
 Tetrachloroethene
 Concen: 2.211 ug/L
 RT: 7.98 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VV019798.D
 Acq: 22 Dec 2020 16:21

Tgt Ion:164 Resp: 8376
 Ion Ratio Lower Upper
 164 100
 129 107.9 70.6 131.0
 131 107.6 68.0 126.4
 166 136.7 86.9 161.5

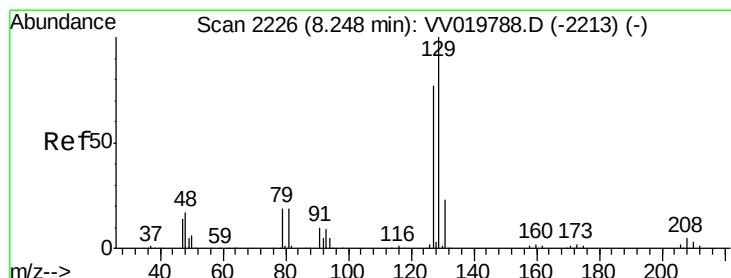
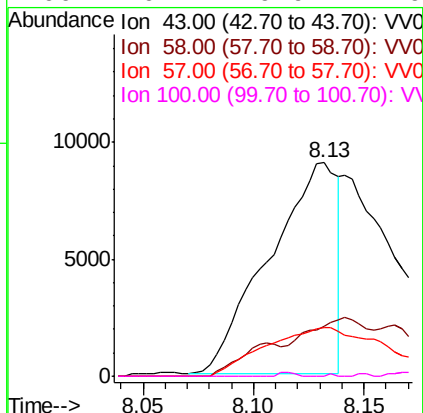
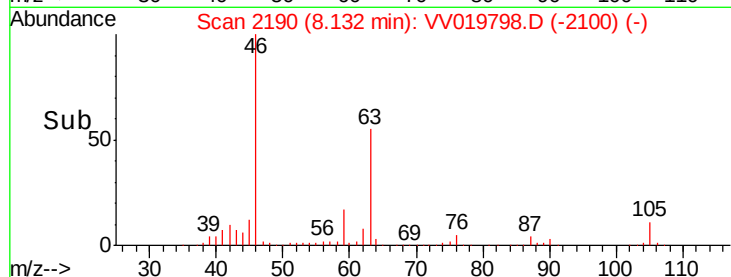
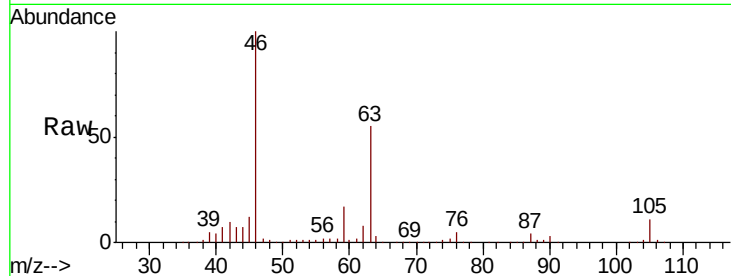




#48
2-Hexanone
Concen: 3.254 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.01 min
Lab File: VV019798.D
Acq: 22 Dec 2020 16:21

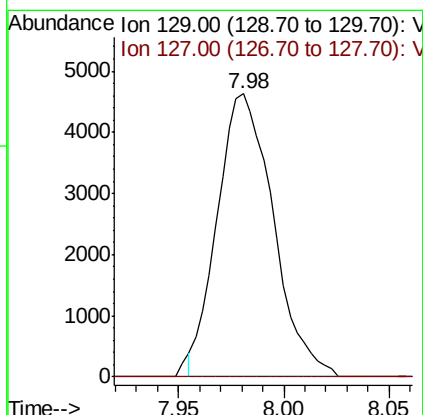
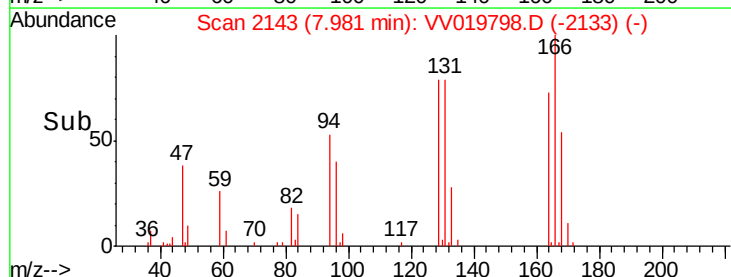
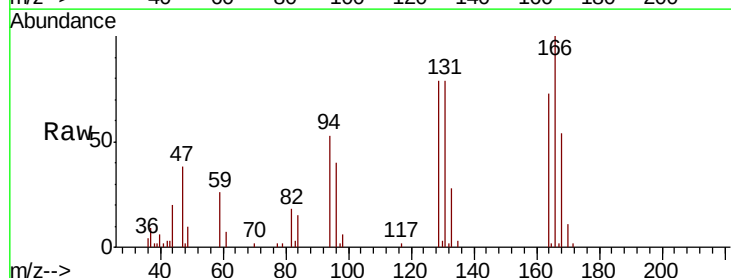
Instrument :
MSVOA_V
ClientSampleId :
BG4R7ME

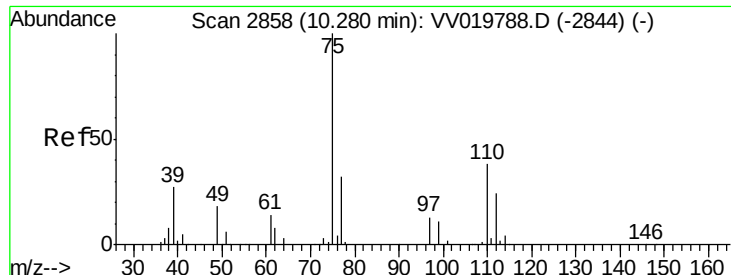
Tot Ion	Ratio	Lower	Upper
43	100		
58	13.0	44.4	66.6#
57	44.1	15.7	23.5#
100	0.2	9.9	14.9#



#49
Dibromochloromethane
Concen: 1.516 ug/L
RT: 7.98 min Scan# 2143
Delta R.T. -0.27 min
Lab File: VV019798.D
Acq: 22 Dec 2020 16:21

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





#59

1,2,3-Trichloropropane

Concen: 6.774 ug/L

RT: 11.26 min Scan# 3163

Delta R.T. 0.98 min

Lab File: VV019798.D

Acq: 22 Dec 2020 16:21

Instrument :

MSVOA_V

ClientSampleId :

BG4R7ME

Tot Ion: 75 Resp: 45600

Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.8

