

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111320\
 Data File : VV019374.D
 Acq On : 13 Nov 2020 12:52
 Operator : SY/MD
 Sample : L4712-01ME
 Misc : 6.05g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4E9ME

Quant Time: Nov 16 15:01:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 16 13:41:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	239929	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	243665	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	127882	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79110	43.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.48%
7) Chloroethane-d5	1.58	69	65132	44.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.64%
11) 1,1-Dichloroethene-d2	2.10	63	139162	37.40	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.80%
21) 2-Butanone-d5	3.93	46	70940	76.06	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.06%
24) Chloroform-d	4.37	84	152393	44.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.10%
26) 1,2-Dichloroethane-d4	5.05	65	112991	47.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.72%
32) Benzene-d6	5.07	84	290329	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.09	67	83519	47.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.76%
41) Toluene-d8	7.33	98	278411	45.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.66%
43) trans-1,3-Dichloropropene-	7.64	79	50500	45.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.74%
47) 2-Hexanone-d5	8.14	63	56578	86.49	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.49%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	101230	42.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	121258	49.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.28%

Target Compounds

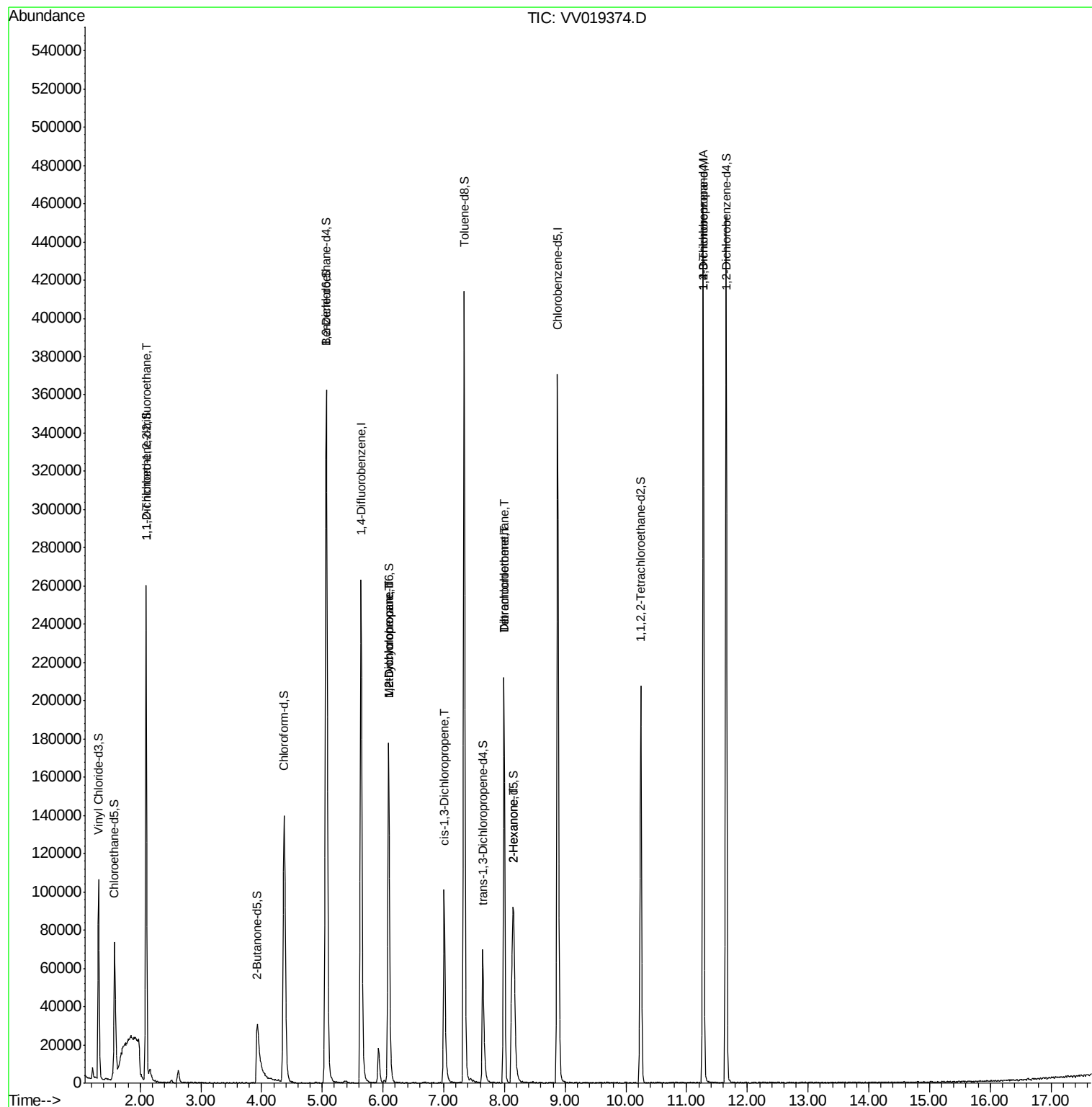
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	1331	0.840 ug/L #	17
35) Methylcyclohexane	6.09	83	22789	9.947 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	11090	7.423 ug/L #	83
39) cis-1,3-Dichloropropene	7.01	75	3102	1.211 ug/L #	81
46) Tetrachloroethene	7.99	164	50378	30.851 ug/L	99
48) 2-Hexanone	8.14	43	11912	8.063 ug/L #	53
49) Dibromochloromethane	7.99	129	41935	20.165 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	11503	5.638 ug/L	89

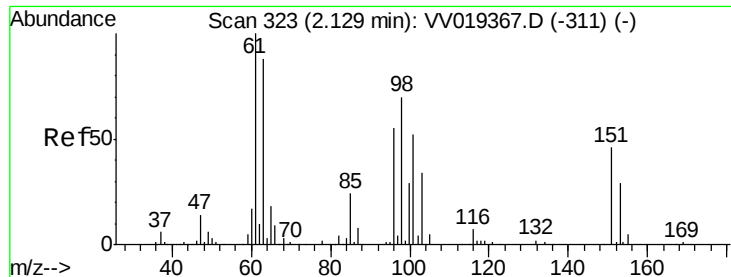
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : VOC Analysis
QLast Update : Mon Nov 16 13:41:50 2020
Response via : Initial Calibration





#10

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

Concen: 0.840 ug/L

RT: 2.10 min Scan# 313

Delta R.T. -0.04 min

Lab File: VV019374.D

Acq: 13 Nov 2020 12:52

Instrument :

MSVOA_V

ClientSampleId :

BG4E9ME

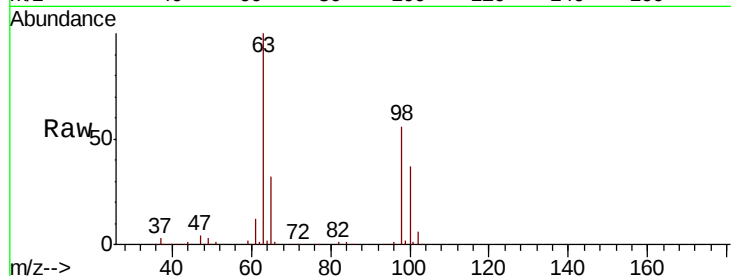
Tot Ion:101 Resp: 1331

Ion Ratio Lower Upper

101 100

85 3.5 35.8 53.6#

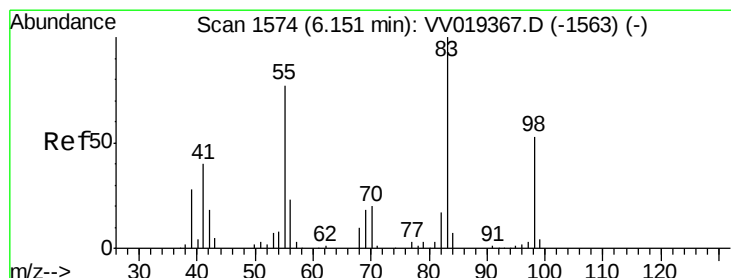
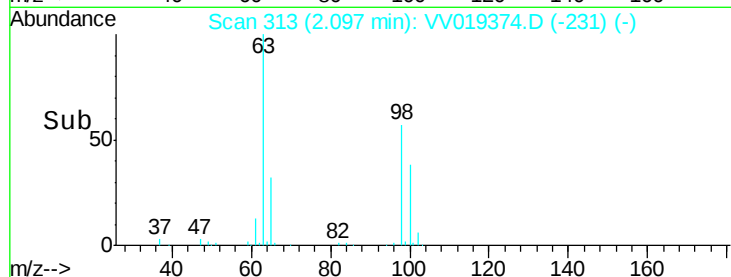
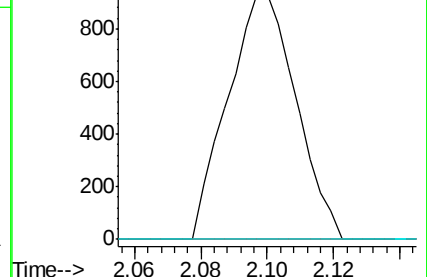
151 0.0 69.2 103.8#



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



#35

Methylcyclohexane

Concen: 9.947 ug/L

RT: 6.09 min Scan# 1554

Delta R.T. -0.07 min

Lab File: VV019374.D

Acq: 13 Nov 2020 12:52

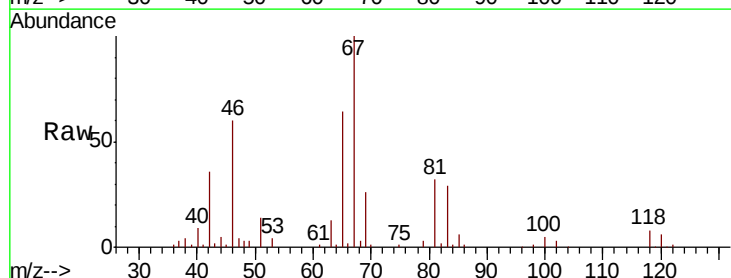
Tgt Ion: 83 Resp: 22789

Ion Ratio Lower Upper

83 100

55 0.0 58.6 88.0#

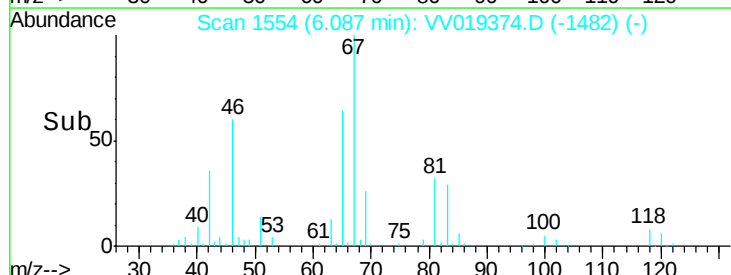
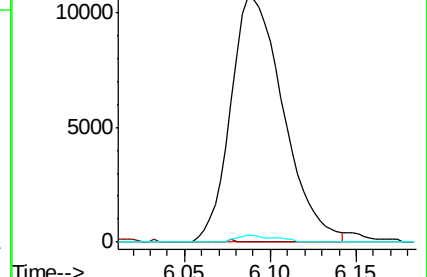
98 1.5 41.4 62.0#

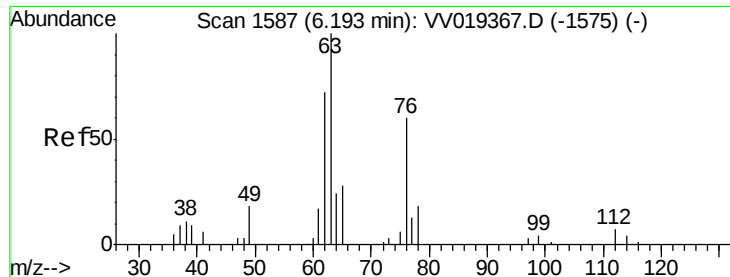


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

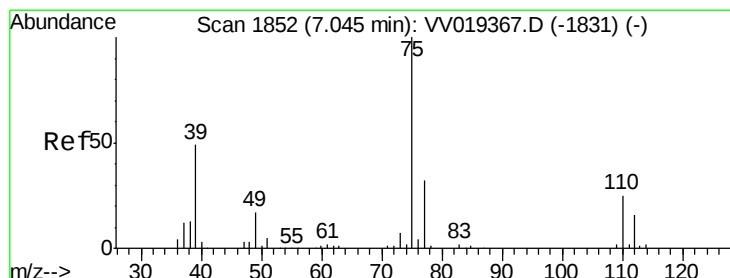
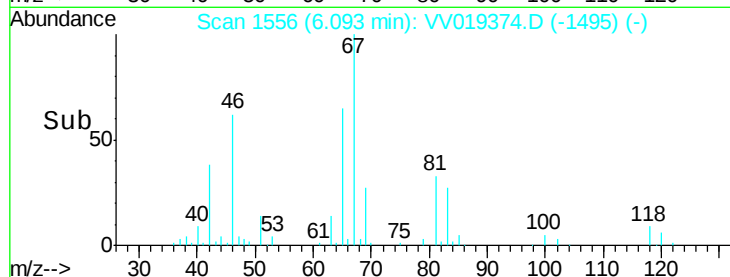
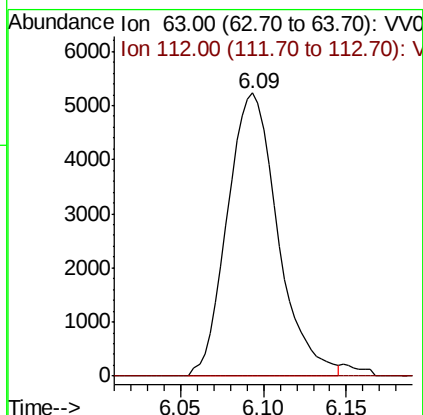
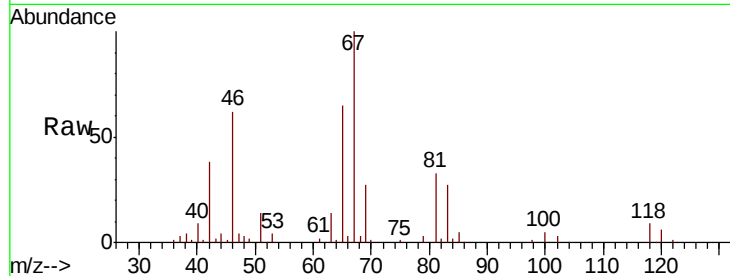




#37
 1,2-Dichloropropane
 Concen: 7.423 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV019374.D
 Acq: 13 Nov 2020 12:52

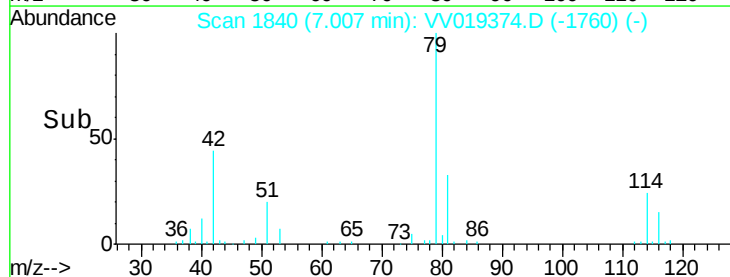
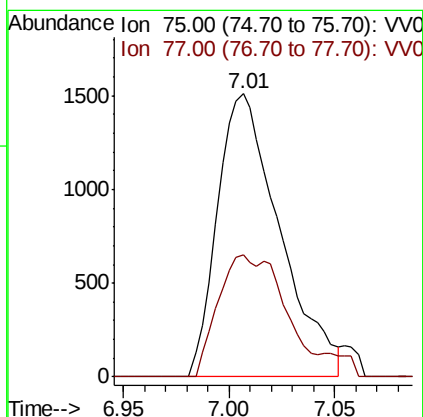
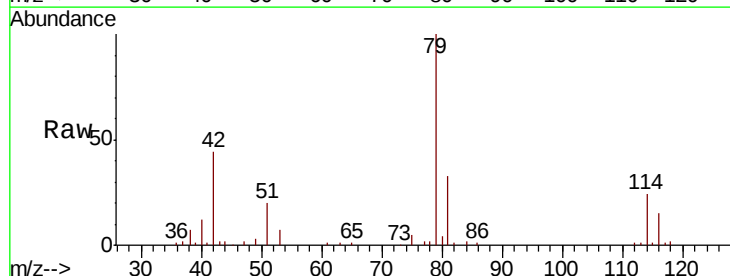
Instrument :
 MSVOA_V
 ClientSampleId :
 BG4E9ME

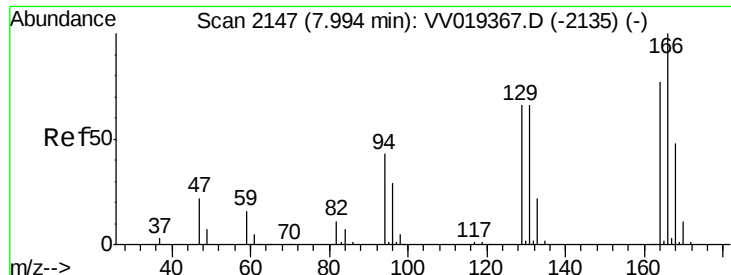
Tot Ion: 63 Resp: 11090
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.6 6.8#



#39
 cis-1,3-Dichloropropene
 Concen: 1.211 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV019374.D
 Acq: 13 Nov 2020 12:52

Tgt Ion: 75 Resp: 3102
 Ion Ratio Lower Upper
 75 100
 77 43.0 22.7 42.1#

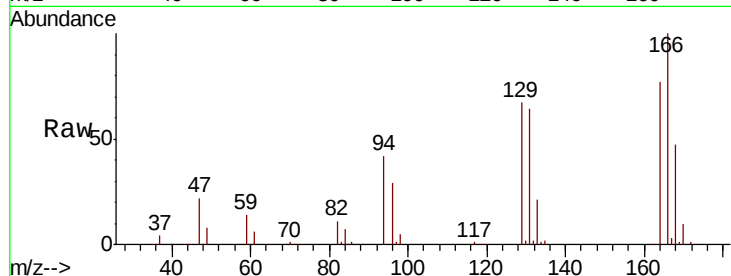




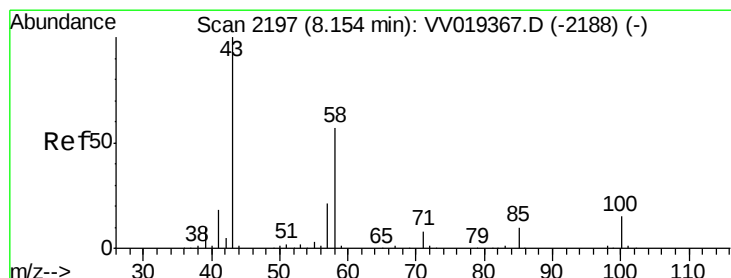
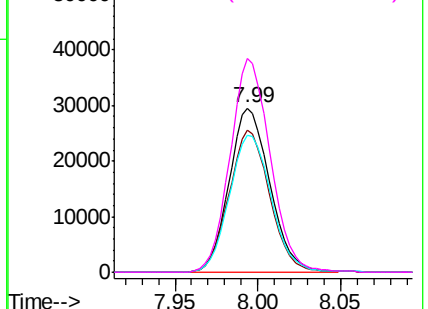
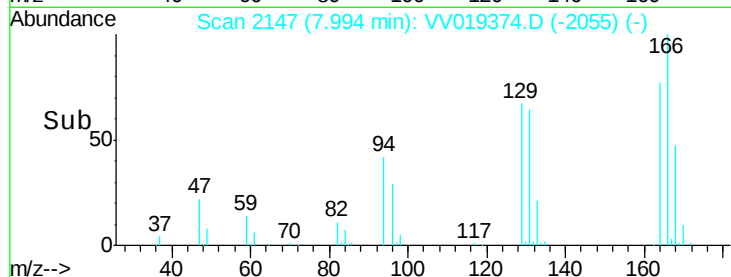
#46
Tetrachloroethene
Concen: 30.851 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. -0.00 min
Lab File: VV019374.D
Acq: 13 Nov 2020 12:52

Instrument :
MSVOA_V
ClientSampleId :
BG4E9ME

Tot Ion:164 Resp: 50378
Ion Ratio Lower Upper
164 100
129 86.7 60.9 113.1
131 83.2 58.9 109.5
166 129.9 91.4 169.8

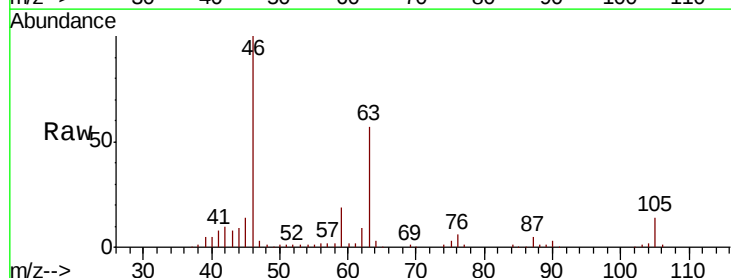


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

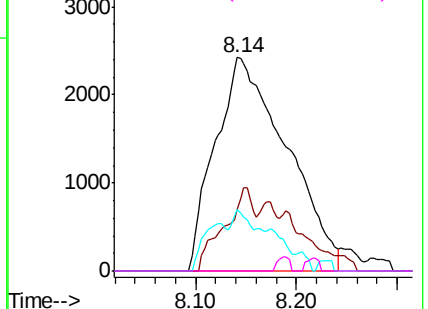
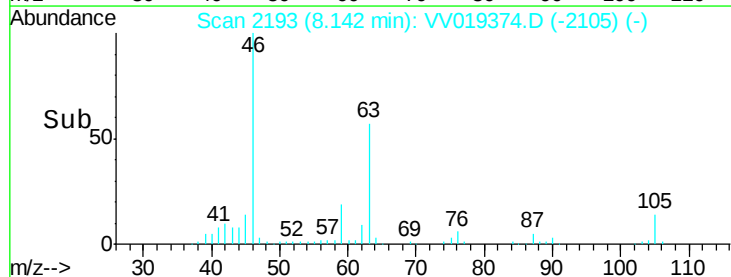


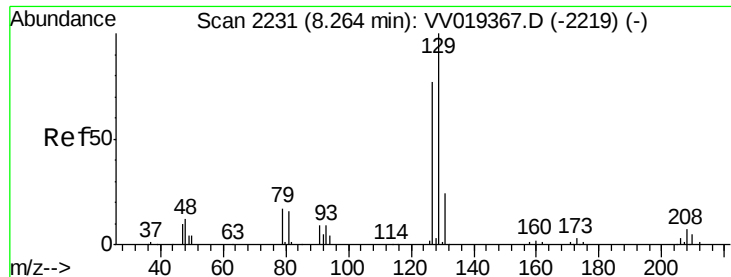
#48
2-Hexanone
Concen: 8.063 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.02 min
Lab File: VV019374.D
Acq: 13 Nov 2020 12:52

Tgt Ion: 43 Resp: 11912
Ion Ratio Lower Upper
43 100
58 16.4 43.6 65.4#
57 2.8 17.2 25.8#
100 0.0 11.9 17.9#



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: 20.165 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. -0.27 min

Lab File: VV019374.D

Acq: 13 Nov 2020 12:52

Instrument :

MSVOA_V

ClientSampleId :

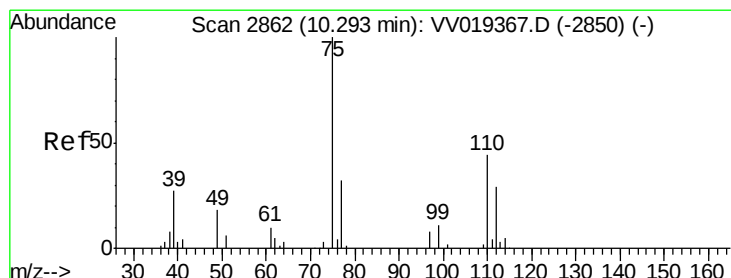
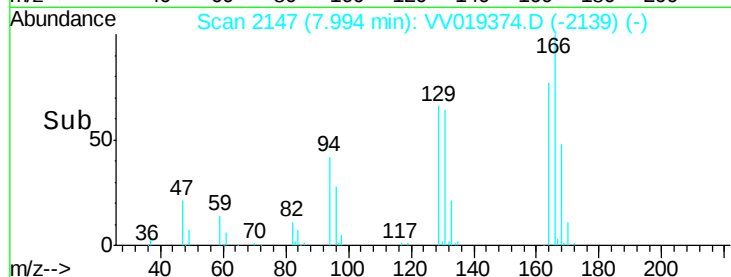
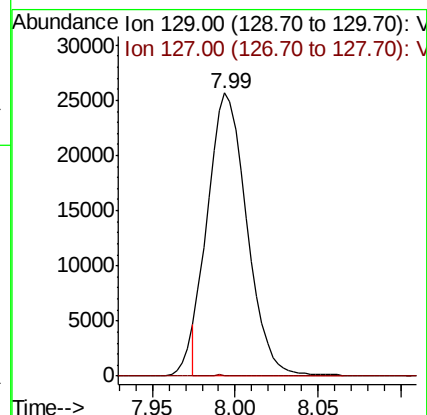
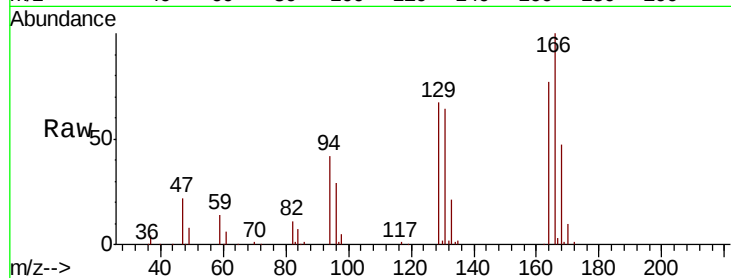
BG4E9ME

Tot Ion:129 Resp: 41935

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#



#59

1,2,3-Trichloropropane

Concen: 5.638 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV019374.D

Acq: 13 Nov 2020 12:52

Tgt Ion: 75 Resp: 11503

Ion Ratio Lower Upper

75 100

77 37.0 25.0 37.4

