

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102120\
 Data File : VV019058.D
 Acq On : 21 Oct 2020 18:54
 Operator : SY/MD
 Sample : L4471-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Z8

Quant Time: Oct 22 06:10:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 06:00:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	308790	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	297253	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131741	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	122063	48.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.04%
7) Chloroethane-d5	1.58	69	108010	53.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.26%
11) 1,1-Dichloroethene-d2	2.12	63	186698	38.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.82%
21) 2-Butanone-d5	3.91	46	157630	88.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.97%
24) Chloroform-d	4.37	84	220540	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.58%
26) 1,2-Dichloroethane-d4	5.06	65	167605	55.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.58%
32) Benzene-d6	5.08	84	475140	54.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.50%
36) 1,2-Dichloropropane-d6	6.09	67	121799	43.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.80%
41) Toluene-d8	7.34	98	343931	44.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.36%
43) trans-1,3-Dichloropropene-	7.64	79	62810	46.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.62%
47) 2-Hexanone-d5	8.11	63	81195	78.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.78%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	149345	45.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.86%
64) 1,2-Dichlorobenzene-d4	11.65	152	140429	52.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.78%

Target Compounds

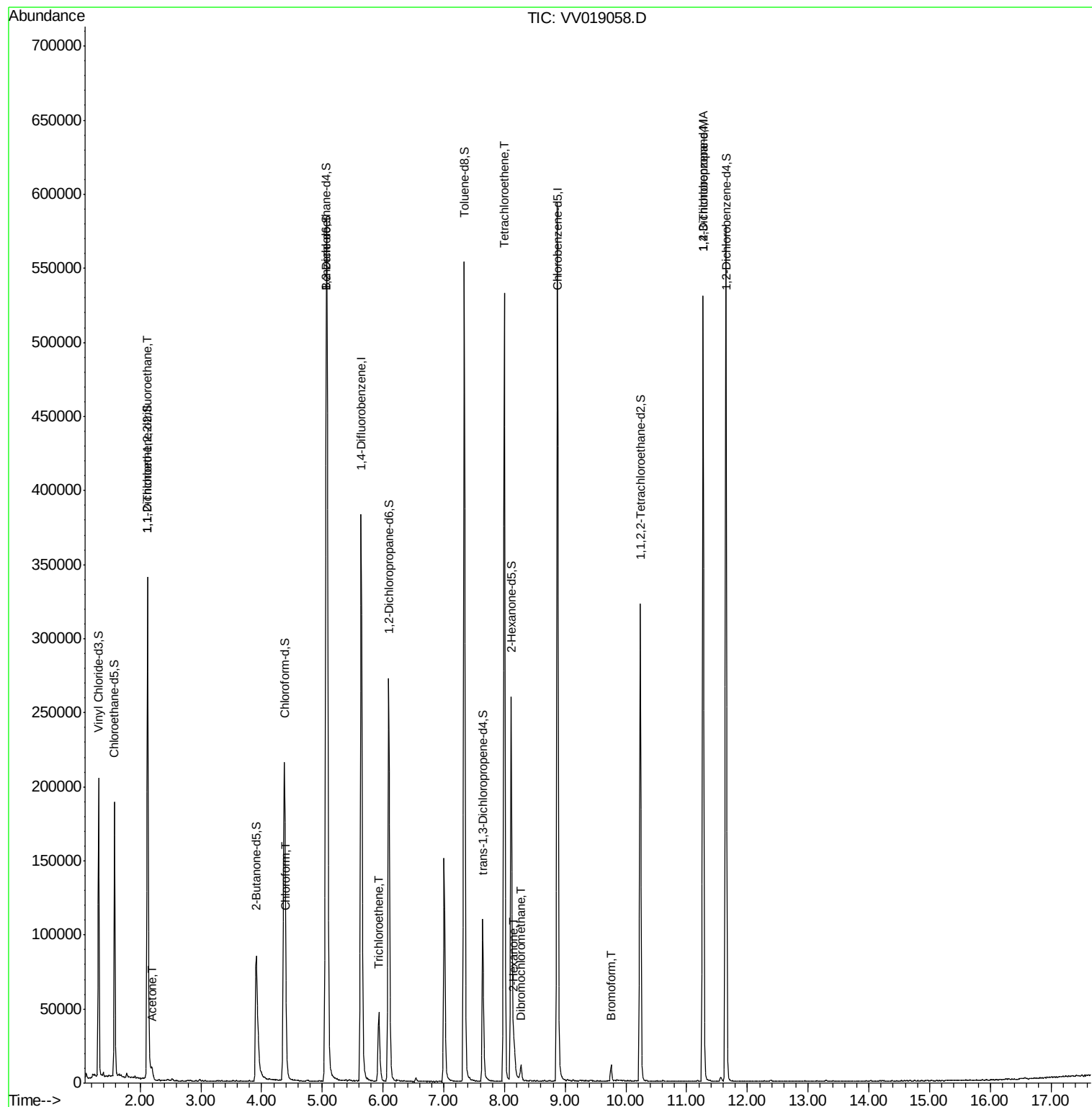
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1541	0.769	ug/L #	20
13) Acetone	2.19	43	10070	7.778	ug/L	100
25) Chloroform	4.41	83	4353	0.987	ug/L	97
34) Trichloroethene	5.94	95	3722	1.416	ug/L	89
46) Tetrachloroethene	8.00	164	116098	62.692	ug/L	99
48) 2-Hexanone	8.16	43	12674	4.752	ug/L #	85
49) Dibromochloromethane	8.27	129	4737	1.972	ug/L	98
59) 1,2,3-Trichloropropane	11.27	75	16327	5.530	ug/L	91
61) Bromoform	9.76	173	4730	3.287	ug/L #	95

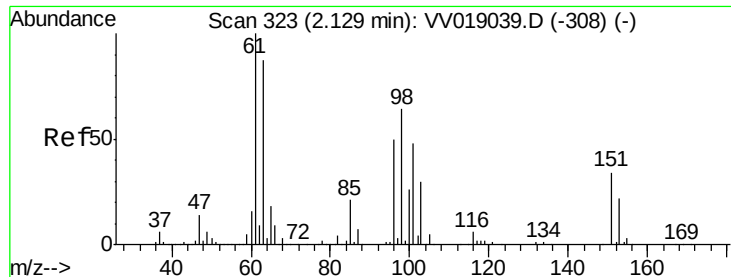
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 22 06:00:52 2020
Response via : Initial Calibration





#10

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

Concen: 0.769 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019058.D

Acq: 21 Oct 2020 18:54

Instrument :

MSVOA_V

ClientSampleId :

BG3Z8

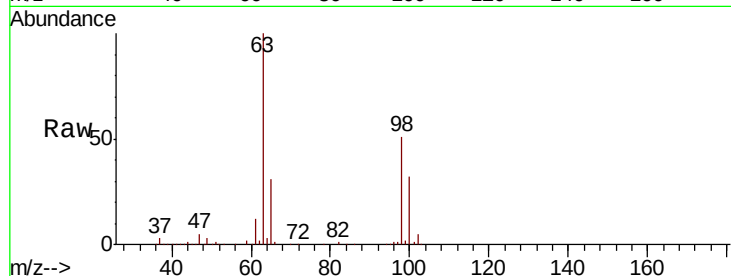
Tot Ion:101 Resp: 1541

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

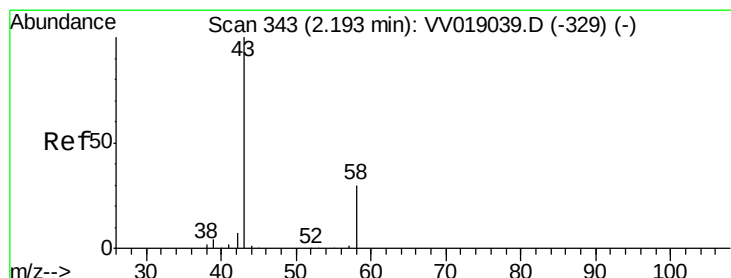
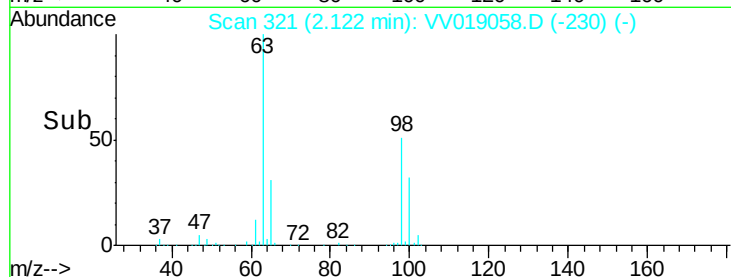
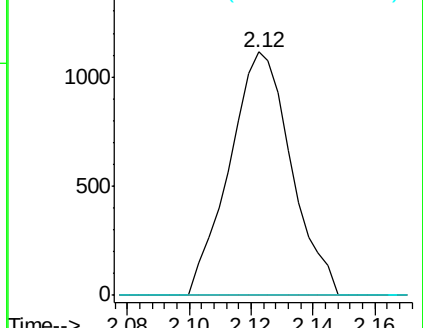
151 0.0 59.7 89.5#



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



#13

Acetone

Concen: 7.778 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV019058.D

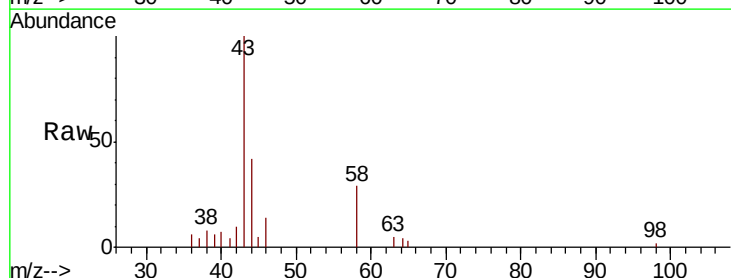
Acq: 21 Oct 2020 18:54

Tgt Ion: 43 Resp: 10070

Ion Ratio Lower Upper

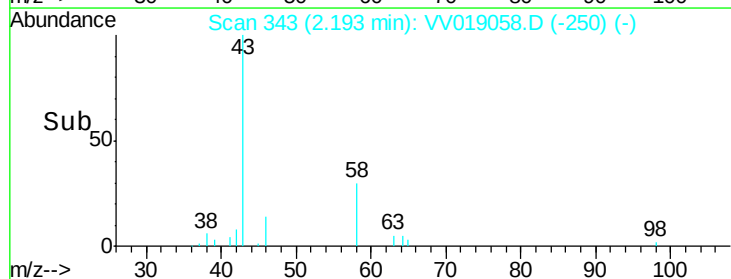
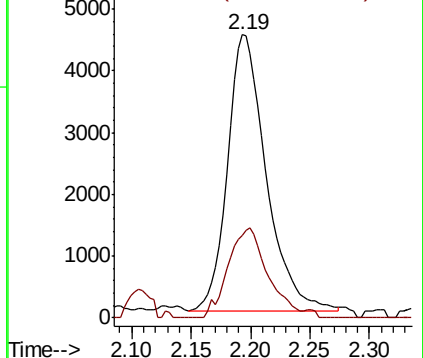
43 100

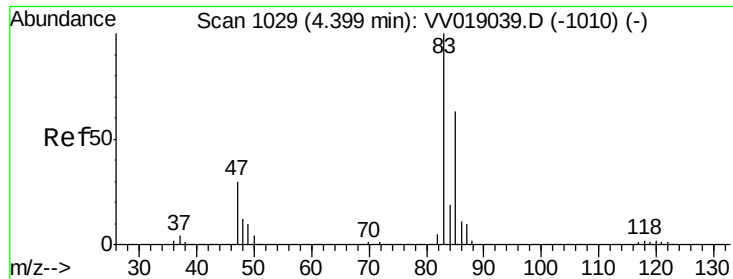
58 29.4 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

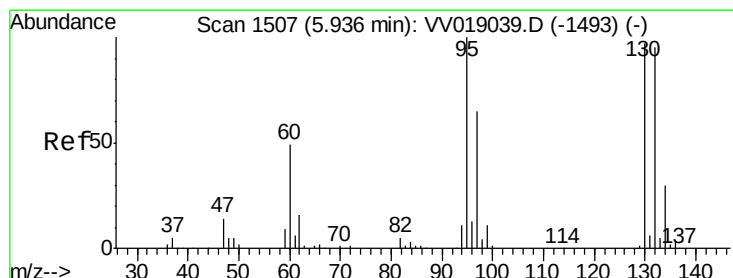
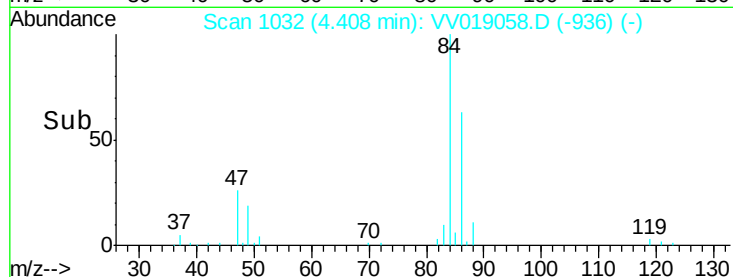
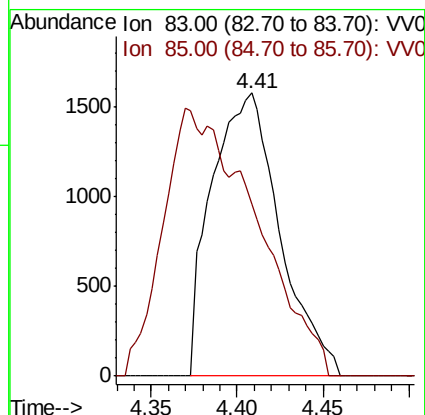
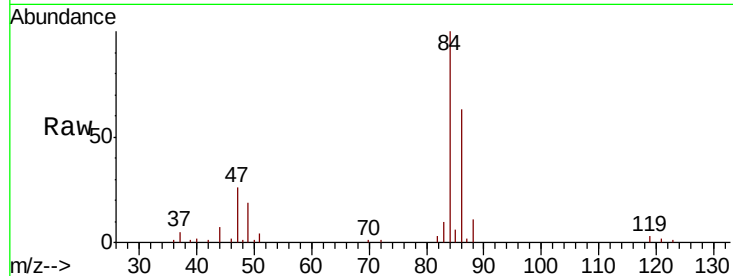




#25
Chloroform
Concen: 0.987 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV019058.D
Acq: 21 Oct 2020 18:54

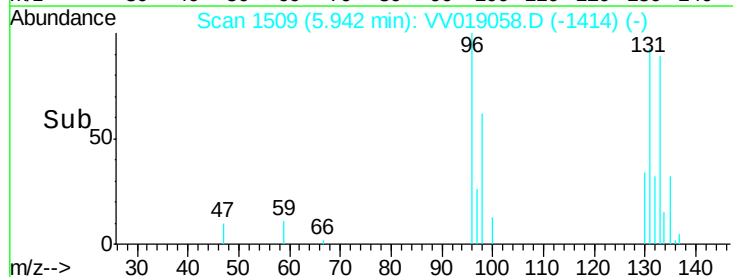
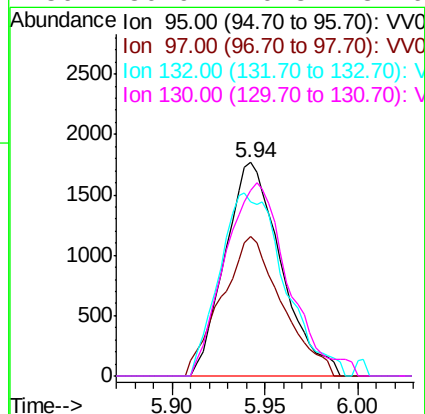
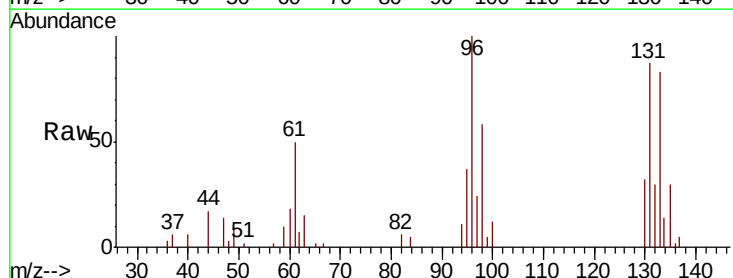
Instrument :
MSVOA_V
ClientSampleId :
BG3Z8

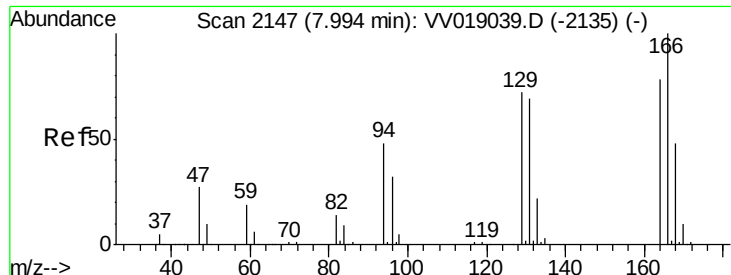
Tot Ion: 83 Resp: 4353
Ion Ratio Lower Upper
83 100
85 61.0 44.6 82.8



#34
Trichloroethene
Concen: 1.416 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV019058.D
Acq: 21 Oct 2020 18:54

Tgt Ion: 95 Resp: 3722
Ion Ratio Lower Upper
95 100
97 65.1 44.7 82.9
132 81.7 67.0 124.4
130 86.9 70.8 131.6

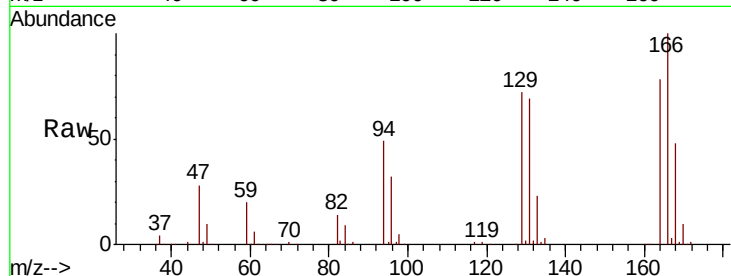




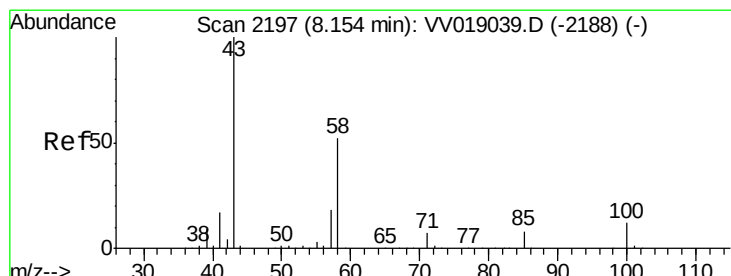
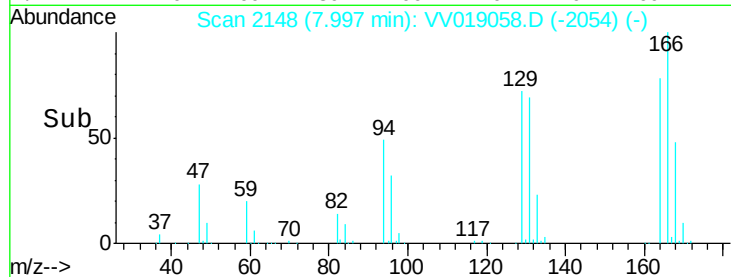
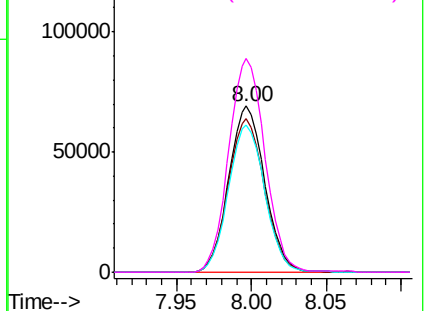
#46
Tetrachloroethene
Concen: 62.692 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV019058.D
Acq: 21 Oct 2020 18:54

Instrument :
MSVOA_V
ClientSampled :
BG3Z8

Tot Ion:164 Resp: 116098
Ion Ratio Lower Upper
164 100
129 92.4 65.0 120.8
131 89.2 62.9 116.7
166 128.8 91.1 169.3

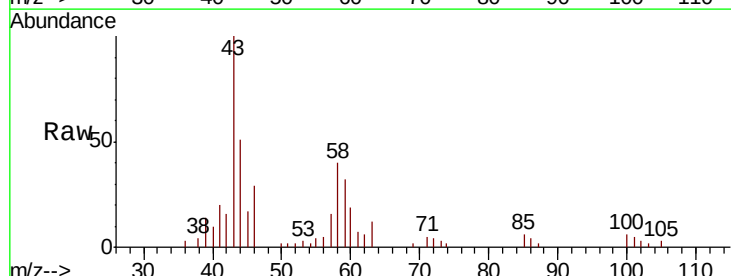


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

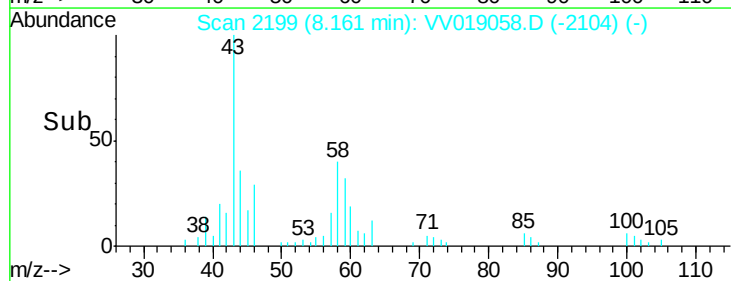
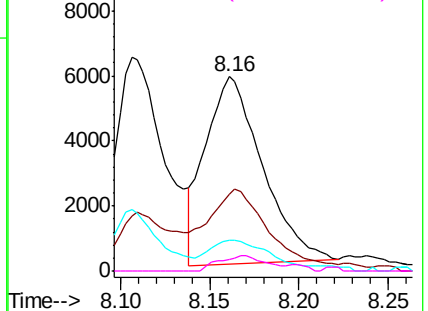


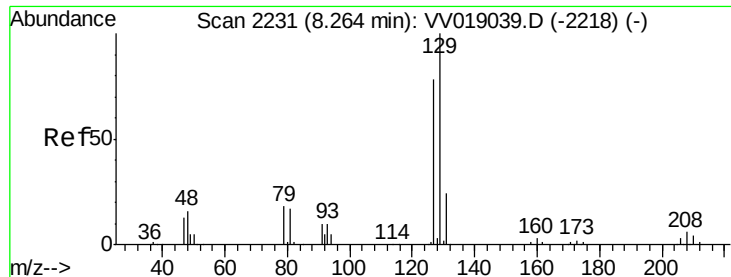
#48
2-Hexanone
Concen: 4.752 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
Lab File: VV019058.D
Acq: 21 Oct 2020 18:54

Tgt Ion: 43 Resp: 12674
Ion Ratio Lower Upper
43 100
58 38.4 42.5 63.7#
57 17.7 14.5 21.7
100 6.7 9.0 13.4#



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: 1.972 ug/L

RT: 8.27 min Scan# 2233

Delta R.T. 0.01 min

Lab File: VV019058.D

Acq: 21 Oct 2020 18:54

Instrument :

MSVOA_V

ClientSampleId :

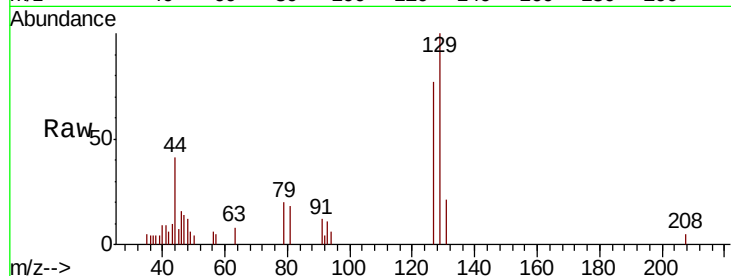
BG3Z8

Tot Ion:129 Resp: 4737

Ion Ratio Lower Upper

129 100

127 76.9 55.2 102.6



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.27

2500

2000

1500

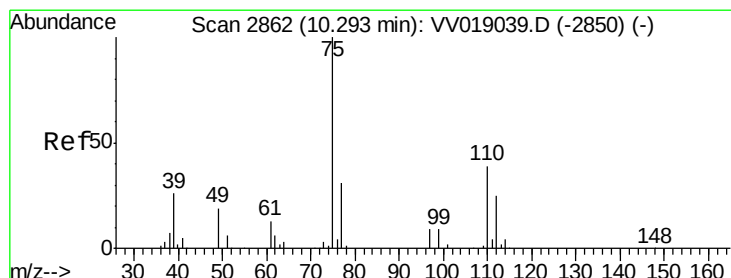
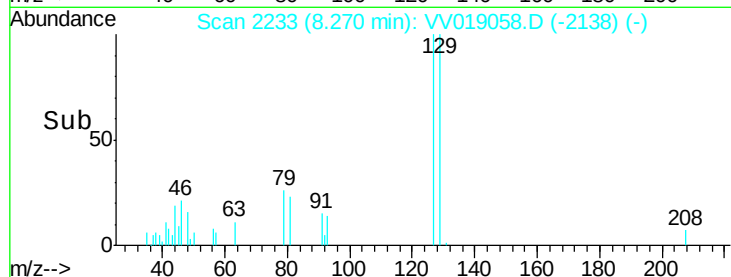
1000

500

0

8.25 8.30

Time-->



#59

1,2,3-Trichloropropane

Concen: 5.530 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019058.D

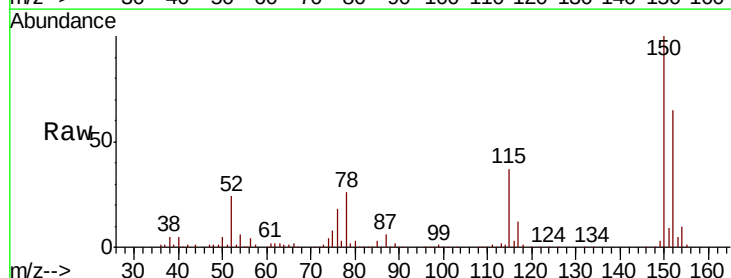
Acq: 21 Oct 2020 18:54

Tgt Ion: 75 Resp: 16327

Ion Ratio Lower Upper

75 100

77 36.9 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

11.27

12000

10000

8000

6000

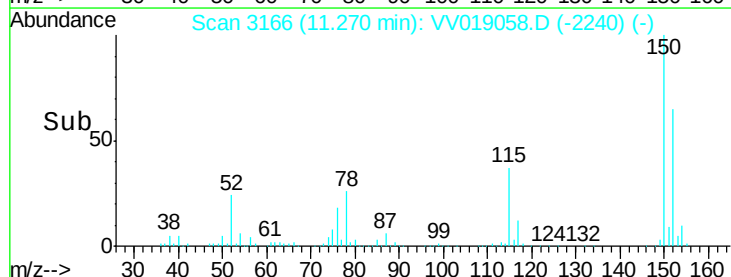
4000

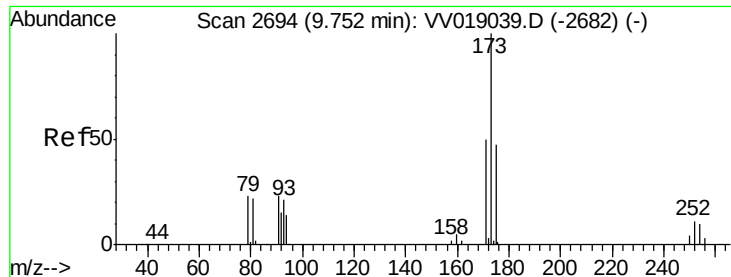
2000

0

11.20 11.25 11.30

Time-->





#61

Bromoform

Concen: 3.287 ug/L

RT: 9.76 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VV019058.D

Acq: 21 Oct 2020 18:54

Instrument :

MSVOA_V

ClientSampleId :

BG3Z8

Tot Ion:173 Resp: 4730

Ion Ratio Lower Upper

173 100

175 50.4 38.2 57.2

254 6.4 8.6 13.0#

