

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102120\
 Data File : VV019050.D
 Acq On : 21 Oct 2020 15:46
 Operator : SY/MD
 Sample : L4471-11RE
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG418RE

Quant Time: Oct 22 06:09:17 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	272353	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	225594	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	109066	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	148703	66.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	132.66%
7) Chloroethane-d5	1.58	69	115417	64.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	129.96%
11) 1,1-Dichloroethene-d2	2.12	63	217943	51.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.00%
21) 2-Butanone-d5	3.91	46	193079	123.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.56%
24) Chloroform-d	4.37	84	261076	64.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	129.62%#
26) 1,2-Dichloroethane-d4	5.05	65	182713	68.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	136.68%#
32) Benzene-d6	5.07	84	531711	80.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	161.48%#
36) 1,2-Dichloropropane-d6	6.09	67	171644	81.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	163.02%#
41) Toluene-d8	7.33	98	399289	67.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	135.16%#
43) trans-1,3-Dichloropropene-	7.64	79	66564	64.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	129.34%#
47) 2-Hexanone-d5	8.11	63	80754	103.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.24%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	129022	52.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	152921	68.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	137.84%#

Target Compounds

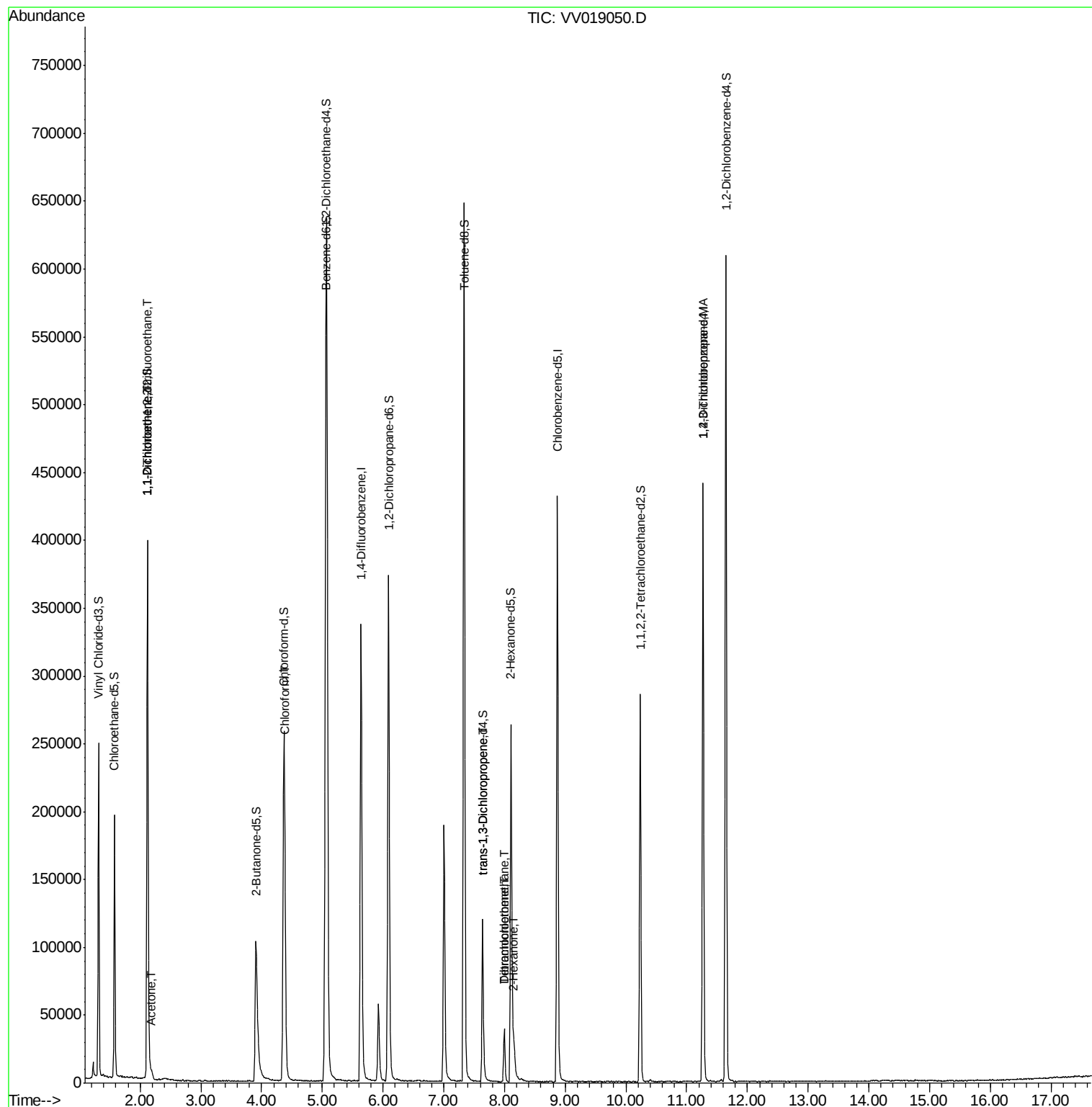
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1799	1.018	ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1589	0.887	ug/L #	1
13) Acetone	2.19	43	5649	4.947	ug/L	87
25) Chloroform	4.39	83	5215	1.341	ug/L	83
44) trans-1,3-Dichloropropene	7.64	75	3075	1.141	ug/L #	77
46) Tetrachloroethene	8.00	164	8591	6.113	ug/L	97
48) 2-Hexanone	8.16	43	15295	7.556	ug/L #	82
49) Dibromochloromethane	8.00	129	7819	4.289	ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	12795	5.710	ug/L	89

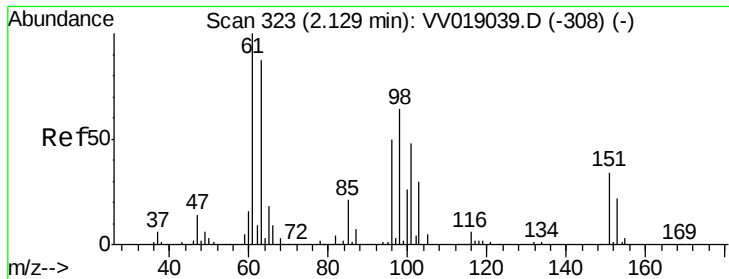
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 1.018 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV019050.D

Acq: 21 Oct 2020 15:46

Instrument :

MSVOA_V

ClientSampleId :

BG418RE

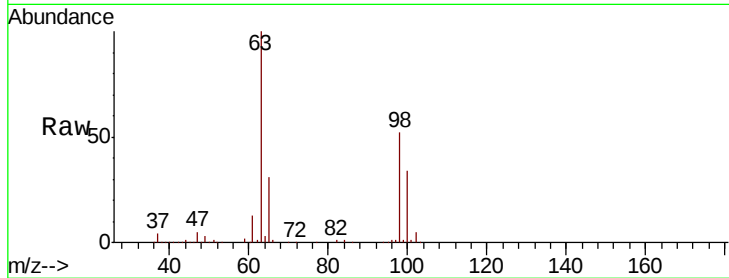
Tot Ion:101 Resp: 1799

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

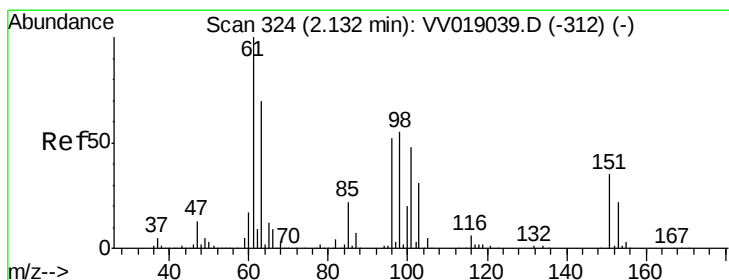
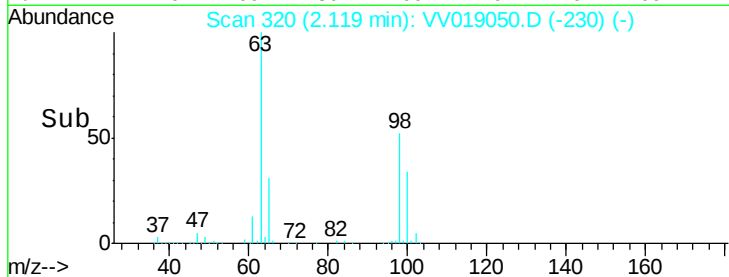
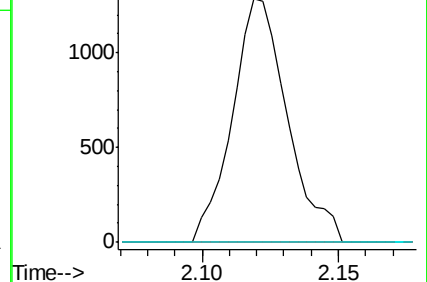
151 0.0 59.7 89.5#



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



#12

1,1-Dichloroethene

Concen: 0.887 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019050.D

Acq: 21 Oct 2020 15:46

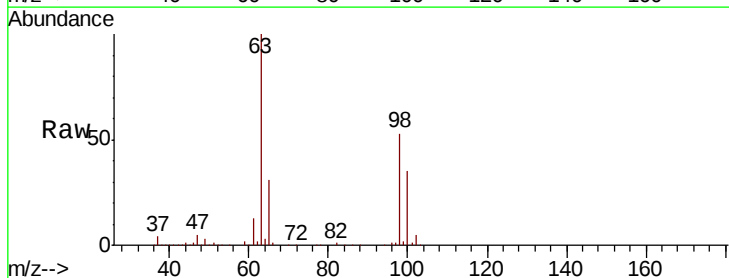
Tgt Ion: 96 Resp: 1589

Ion Ratio Lower Upper

96 100

61 1829.1 133.5 247.9#

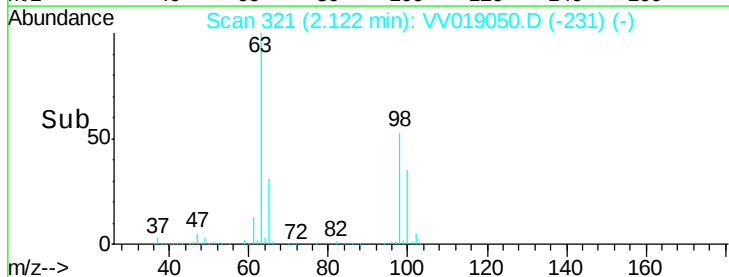
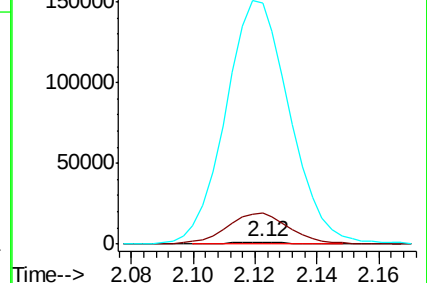
63 14308.0 102.1 189.7#

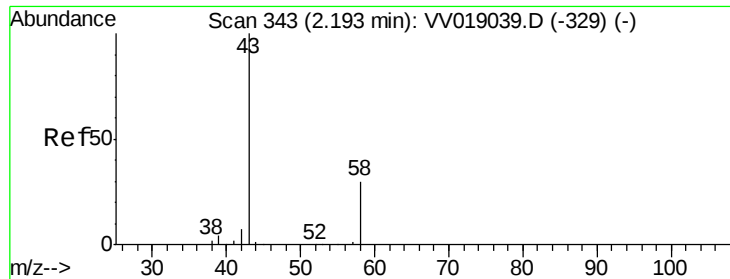


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 4.947 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV019050.D

Acq: 21 Oct 2020 15:46

Instrument :

MSVOA_V

ClientSampled :

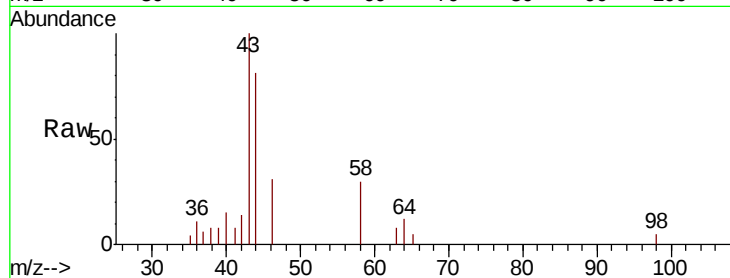
BG418RE

Tot Ion: 43 Resp: 5649

Ion Ratio Lower Upper

43 100

58 22.2 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV019039.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV019039.D (-329) (-)

2.19

2500

2000

1500

1000

500

0

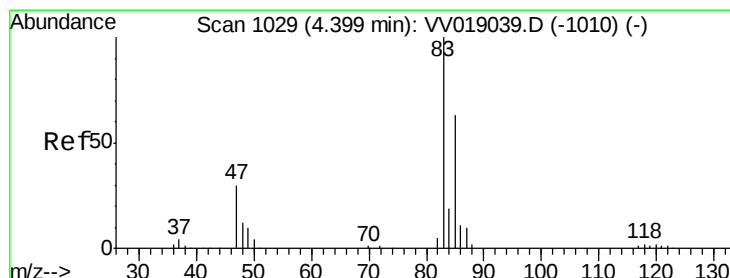
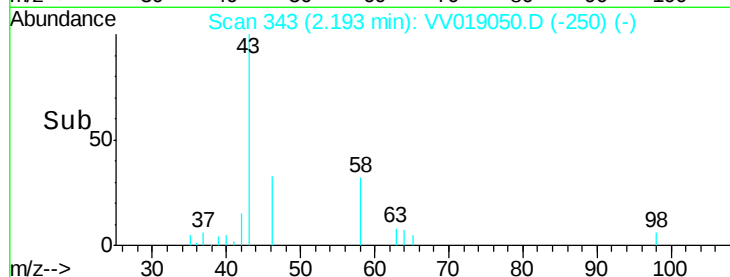
2.15

2.20

2.25

2.30

Time-->



#25

Chloroform

Concen: 1.341 ug/L

RT: 4.39 min Scan# 1026

Delta R.T. -0.01 min

Lab File: VV019050.D

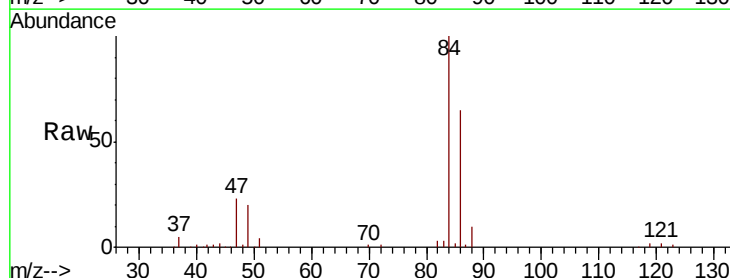
Acq: 21 Oct 2020 15:46

Tgt Ion: 83 Resp: 5215

Ion Ratio Lower Upper

83 100

85 76.7 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV019039.D (-1010) (-)

Ion 85.00 (84.70 to 85.70): VV019039.D (-1010) (-)

4.39

2000

1500

1000

500

0

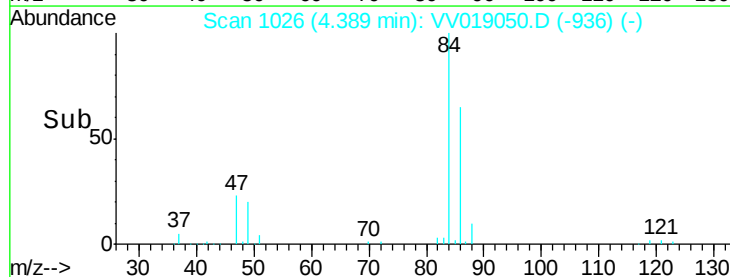
4.30

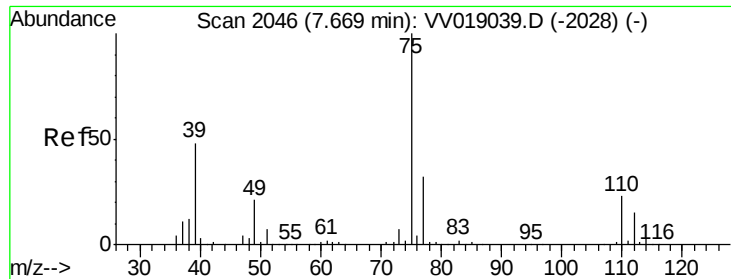
4.35

4.40

4.45

Time-->





#44

trans-1,3-Dichloropropene

Concen: 1.141 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV019050.D

Acq: 21 Oct 2020 15:46

Instrument :

MSVOA_V

ClientSampleId :

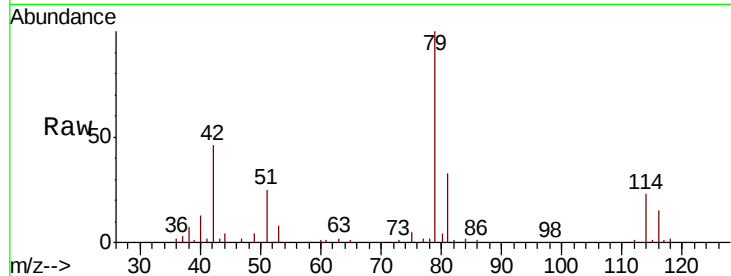
BG418RE

Tot Ion: 75 Resp: 3075

Ion Ratio Lower Upper

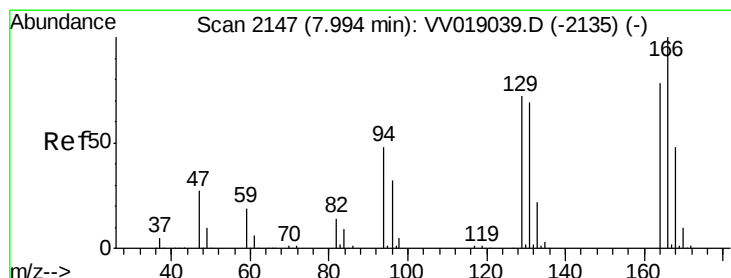
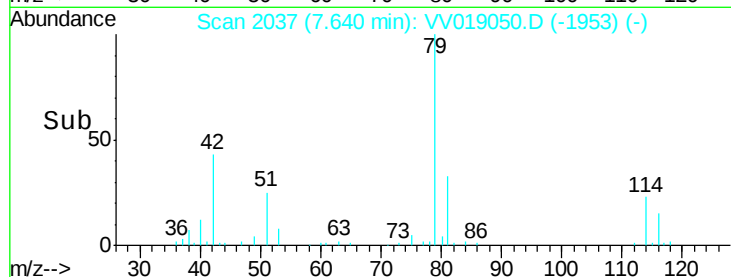
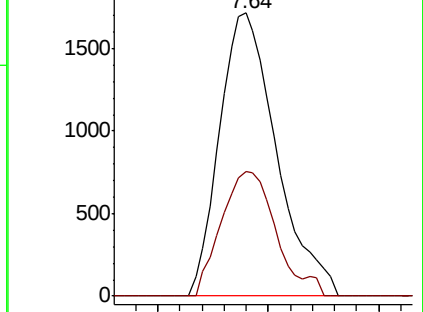
75 100

77 44.1 21.9 40.7#



Abundance Ion 75.00 (74.70 to 75.70): VV019039.D (-2028) (-)

Ion 77.00 (76.70 to 77.70): VV019039.D (-2028) (-)



#46

Tetrachloroethene

Concen: 6.113 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV019050.D

Acq: 21 Oct 2020 15:46

Tgt Ion: 164 Resp: 8591

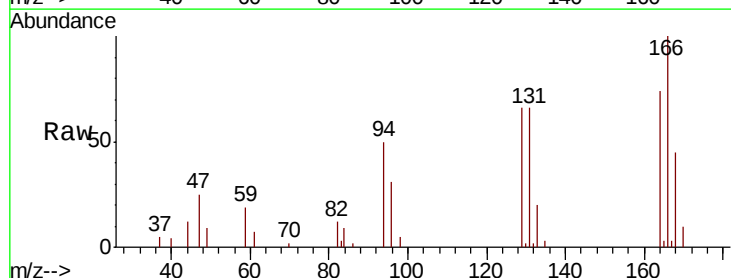
Ion Ratio Lower Upper

164 100

129 89.1 65.0 120.8

131 89.4 62.9 116.7

166 134.6 91.1 169.3

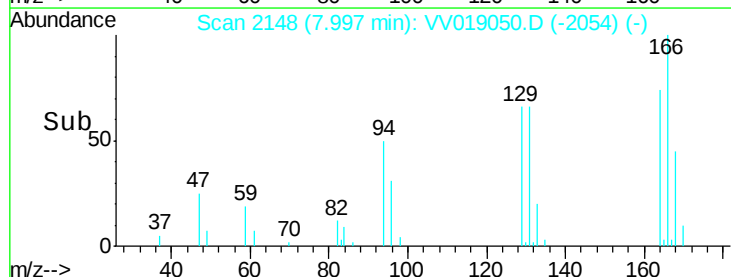
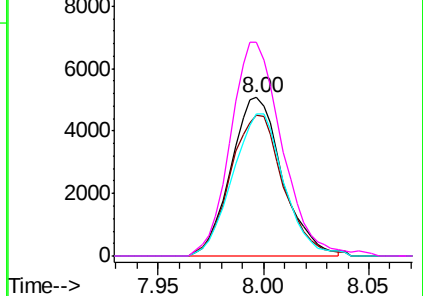


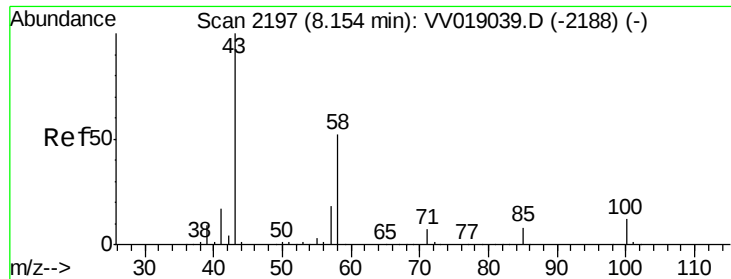
Abundance Ion 164.00 (163.70 to 164.70): VV019039.D (-2135) (-)

Ion 129.00 (128.70 to 129.70): VV019039.D (-2135) (-)

Ion 131.00 (130.70 to 131.70): VV019039.D (-2135) (-)

Ion 166.00 (165.70 to 166.70): VV019039.D (-2135) (-)

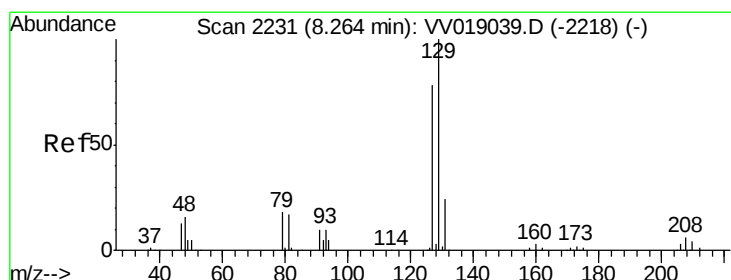
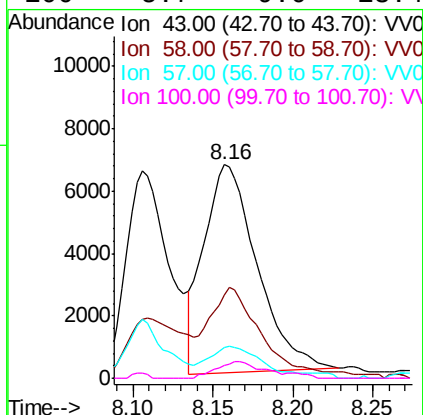
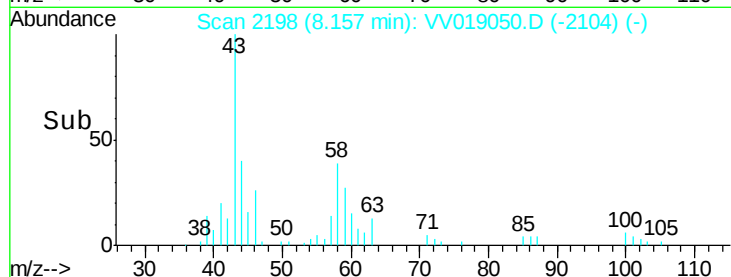
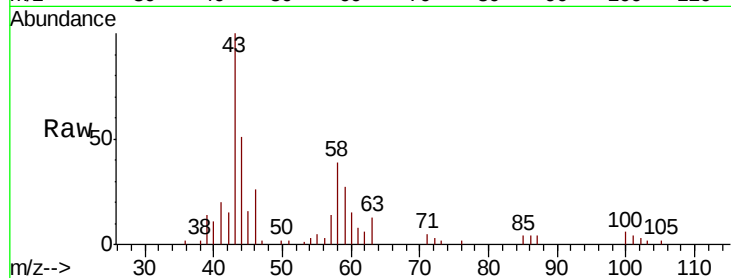




#48
2-Hexanone
Concen: 7.556 ug/L
RT: 8.16 min Scan# 2198
Delta R.T. 0.00 min
Lab File: VV019050.D
Acq: 21 Oct 2020 15:46

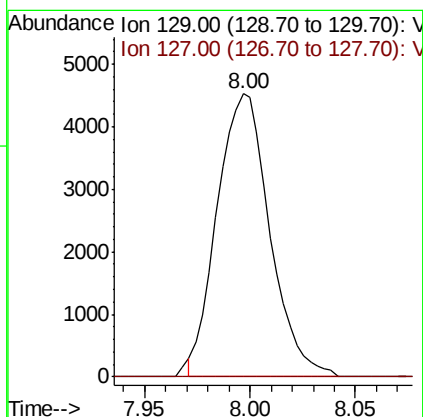
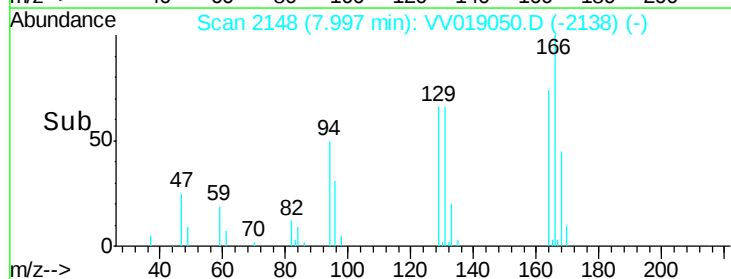
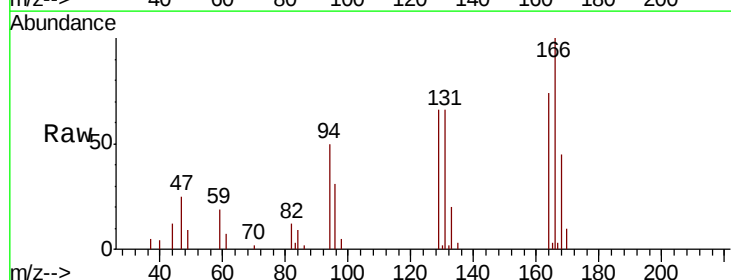
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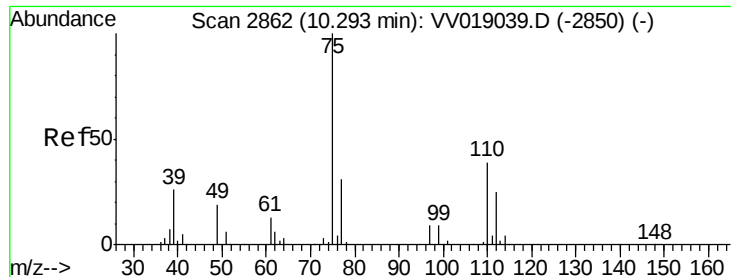
Tot Ion: 43 Resp: 15295
Ion Ratio Lower Upper
43 100
58 38.5 42.5 63.7#
57 12.2 14.5 21.7#
100 5.7 9.0 13.4#



#49
Dibromochloromethane
Concen: 4.289 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV019050.D
Acq: 21 Oct 2020 15:46

Tgt Ion: 129 Resp: 7819
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.6#





#59

1,2,3-Trichloropropane

Concen: 5.710 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019050.D

Acq: 21 Oct 2020 15:46

Instrument :

MSVOA_V

ClientSampleId :

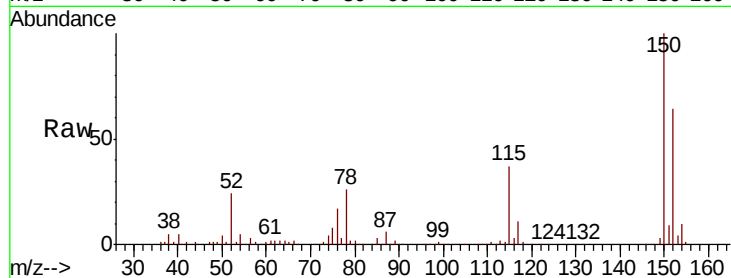
BG418RE

Tot Ion: 75 Resp: 12795

Ion Ratio Lower Upper

75 100

77 38.1 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

