

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091020\
 Data File : VV018180.D
 Acq On : 10 Sep 2020 15:01
 Operator : SY/MD
 Sample : L3957-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWZ2

Quant Time: Sep 11 01:32:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 11 01:30:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	292312	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	289283	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	142890	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104126	43.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.42%
7) Chloroethane-d5	1.58	69	90092	46.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.44%
11) 1,1-Dichloroethene-d2	2.12	63	150690	34.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.96%
21) 2-Butanone-d5	3.91	46	146206	100.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.27%
24) Chloroform-d	4.38	84	189083	45.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.50%
26) 1,2-Dichloroethane-d4	5.06	65	132653	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.14%
32) Benzene-d6	5.08	84	395394	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.48%
36) 1,2-Dichloropropane-d6	6.09	67	127761	48.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.10%
41) Toluene-d8	7.34	98	353755	46.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.74%
43) trans-1,3-Dichloropropene-	7.64	79	62287	46.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.16%
47) 2-Hexanone-d5	8.11	63	95103	95.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.42%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	165219	50.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.06%
64) 1,2-Dichlorobenzene-d4	11.65	152	152291	51.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

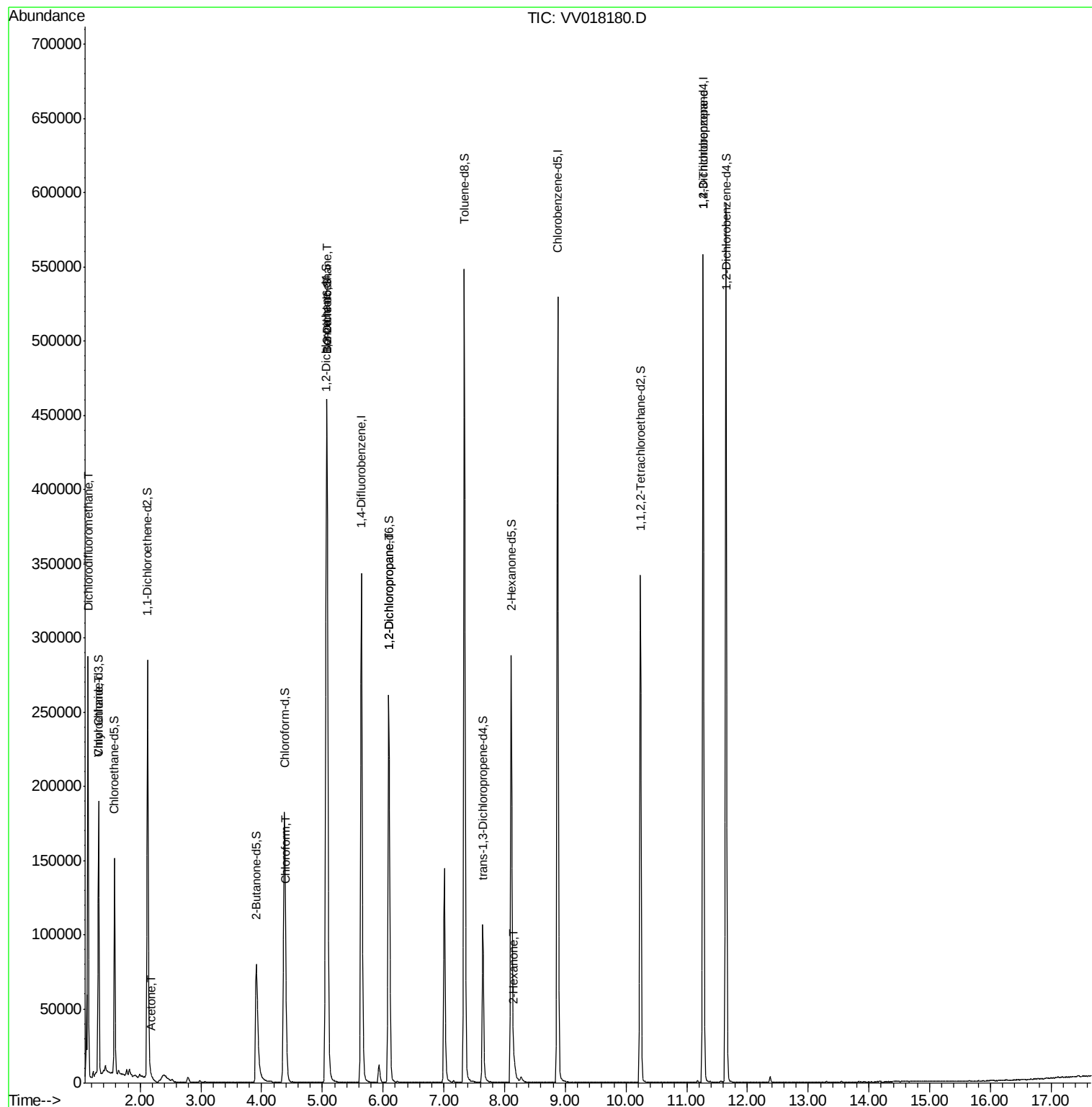
					Ovalue
2) Dichlorodifluoromethane	1.14	85	5159	2.420 ug/L	98
8) Chloroethane	1.32	64	1518	1.015 ug/L #	17
13) Acetone	2.19	43	2900	2.484 ug/L	98
25) Chloroform	4.41	83	9153	2.408 ug/L	95
27) 1,2-Dichloroethane	5.07	62	2201	0.748 ug/L	96
37) 1,2-Dichloropropane	6.09	63	13946	6.363 ug/L #	87
48) 2-Hexanone	8.16	43	4913	2.344 ug/L #	63
59) 1,2,3-Trichloropropane	11.27	75	16629	6.451 ug/L	93

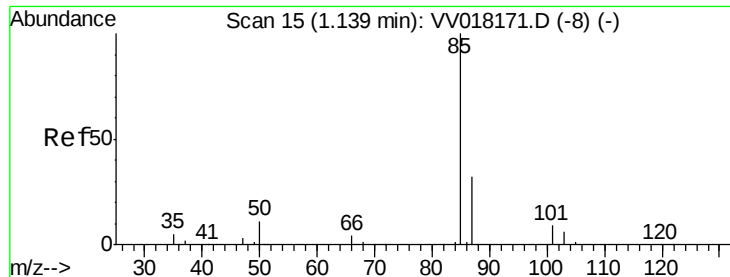
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 2.420 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV018180.D

Acq: 10 Sep 2020 15:01

Instrument :

MSVOA_V

ClientSampleId :

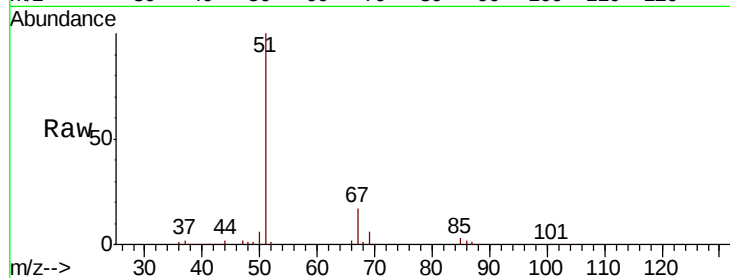
BFWZ2

Tot Ion: 85 Resp: 5159

Ion Ratio Lower Upper

85 100

87 33.5 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VV018171.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VV018171.D (-8) (-)

1.14

5000

4000

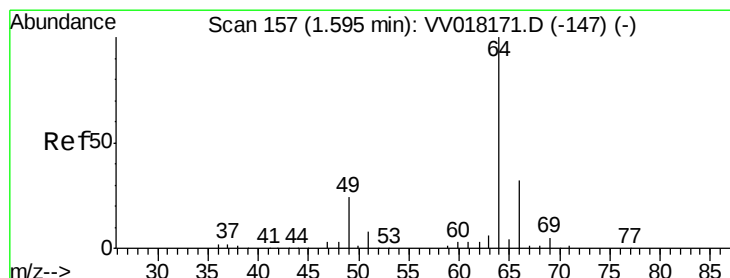
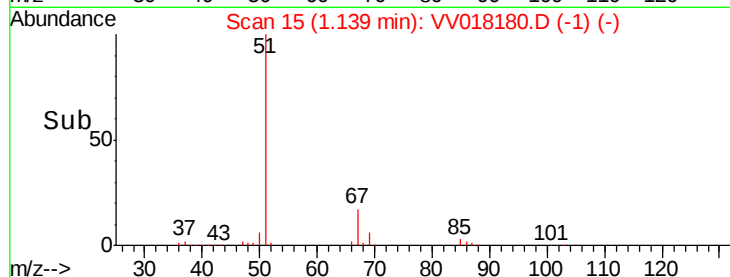
3000

2000

1000

0

Time-->



#8

Chloroethane

Concen: 1.015 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.28 min

Lab File: VV018180.D

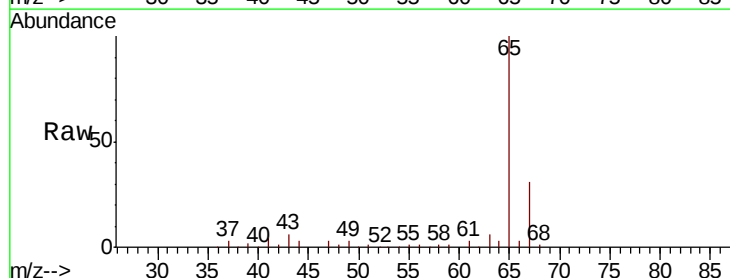
Acq: 10 Sep 2020 15:01

Tgt Ion: 64 Resp: 1518

Ion Ratio Lower Upper

64 100

66 78.2 22.5 41.7#



Abundance Ion 64.00 (63.70 to 64.70): VV018171.D (-147) (-)

Ion 66.00 (65.70 to 66.70): VV018171.D (-147) (-)

1.32

4000

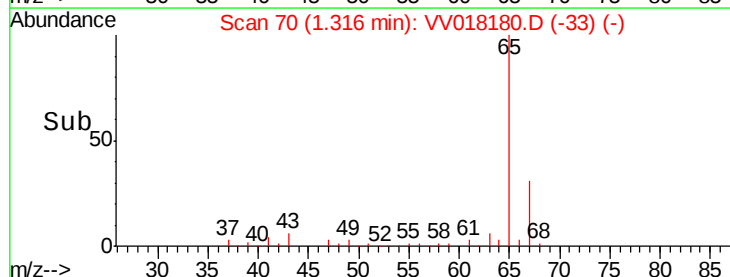
3000

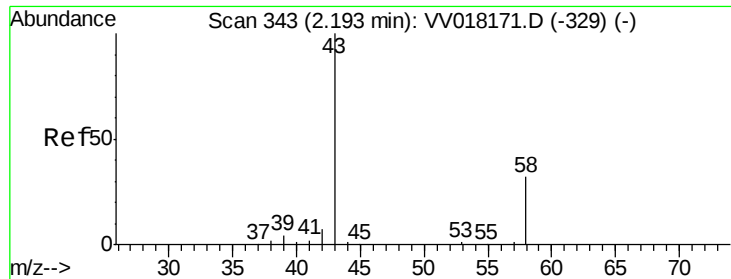
2000

1000

0

Time-->





#13

Acetone

Concen: 2.484 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV018180.D

Acq: 10 Sep 2020 15:01

Instrument :

MSVOA_V

ClientSampleId :

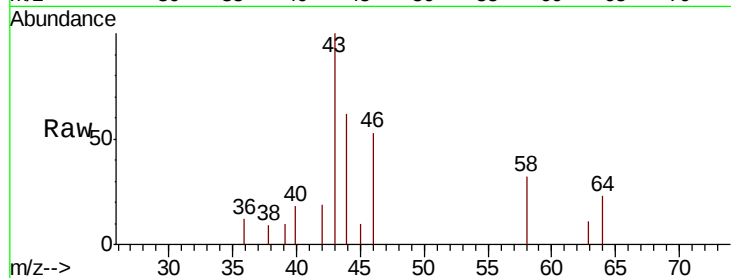
BFWZ2

Tot Ion: 43 Resp: 2900

Ion Ratio Lower Upper

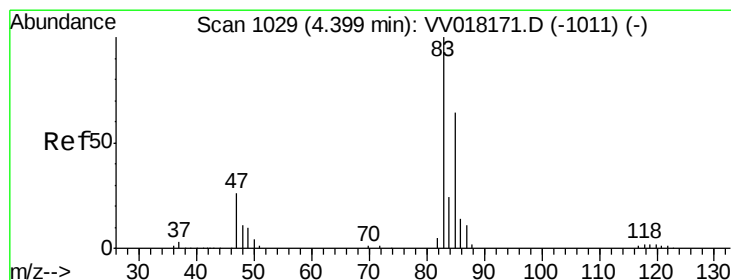
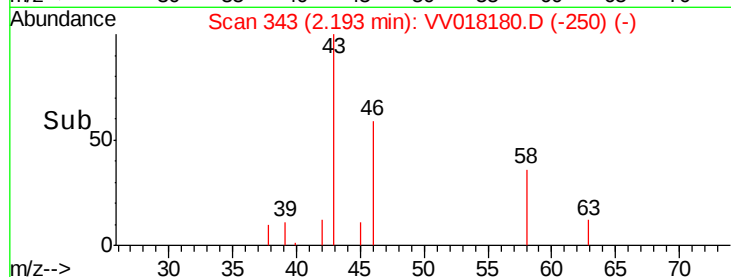
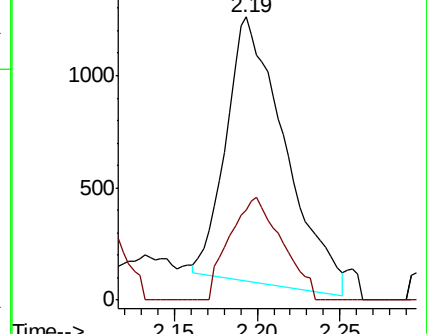
43 100

58 34.9 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV018180.D (-250) (-)

Ion 58.00 (57.70 to 58.70): VV018180.D (-250) (-)



#25

Chloroform

Concen: 2.408 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV018180.D

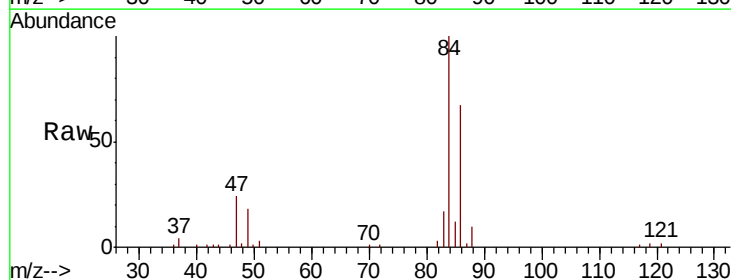
Acq: 10 Sep 2020 15:01

Tgt Ion: 83 Resp: 9153

Ion Ratio Lower Upper

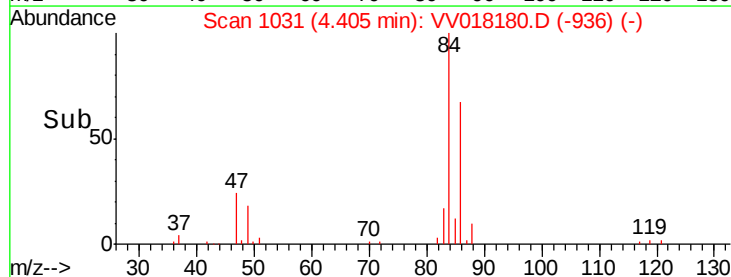
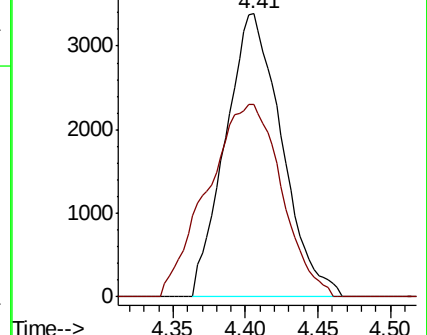
83 100

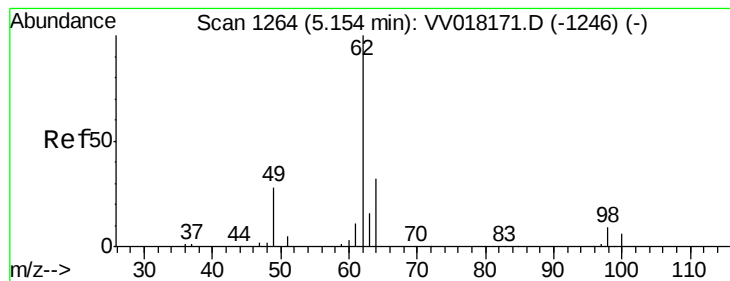
85 68.2 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VV018180.D (-936) (-)

Ion 85.00 (84.70 to 85.70): VV018180.D (-936) (-)





#27

1,2-Dichloroethane

Concen: 0.748 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV018180.D

Acq: 10 Sep 2020 15:01

Instrument :

MSVOA_V

ClientSampleId :

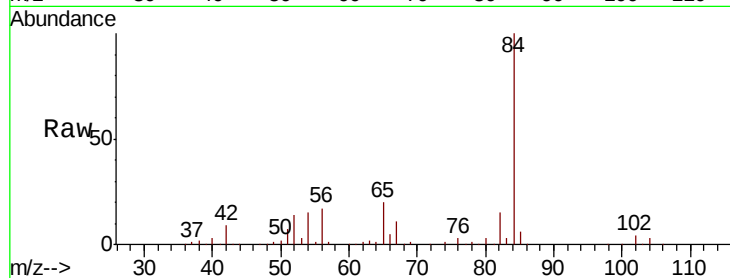
BFWZ2

Tot Ion: 62 Resp: 2201

Ion Ratio Lower Upper

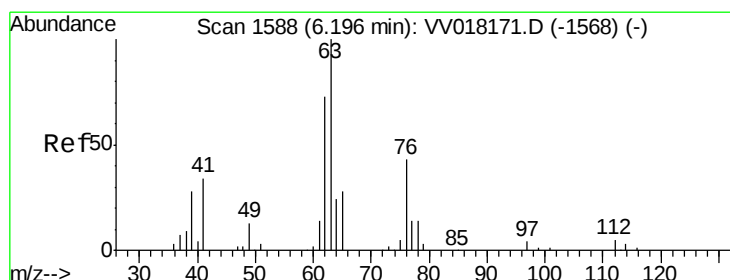
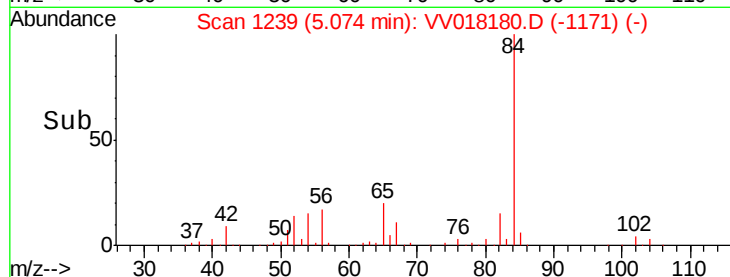
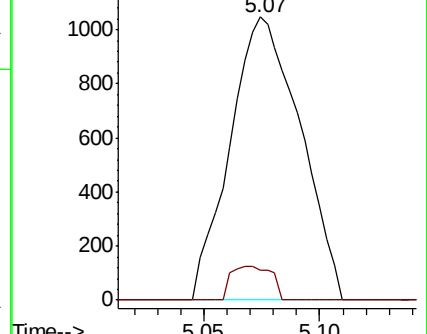
62 100

98 10.8 7.6 11.4



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#37

1,2-Dichloropropane

Concen: 6.363 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018180.D

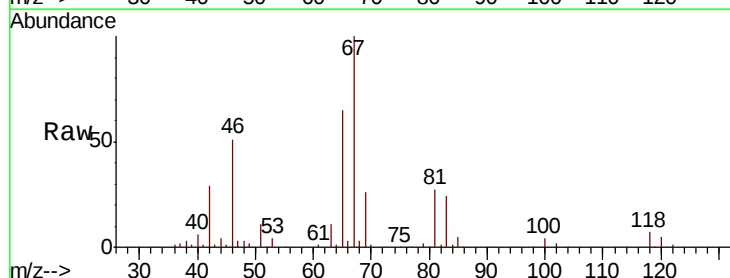
Acq: 10 Sep 2020 15:01

Tgt Ion: 63 Resp: 13946

Ion Ratio Lower Upper

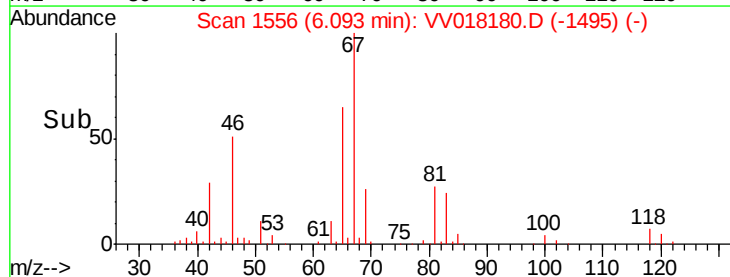
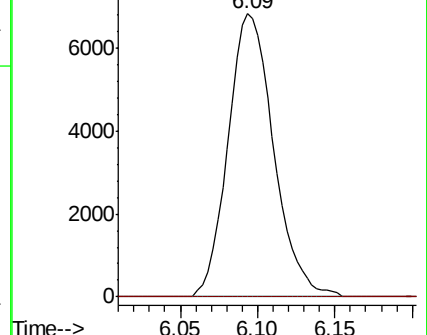
63 100

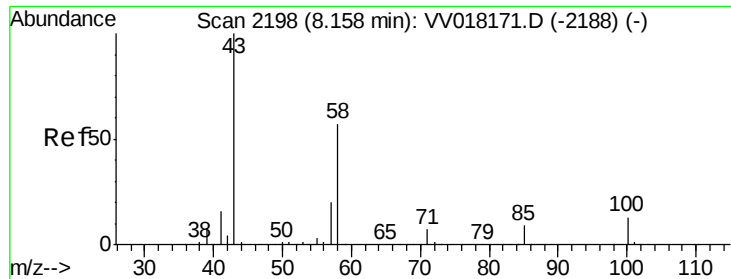
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

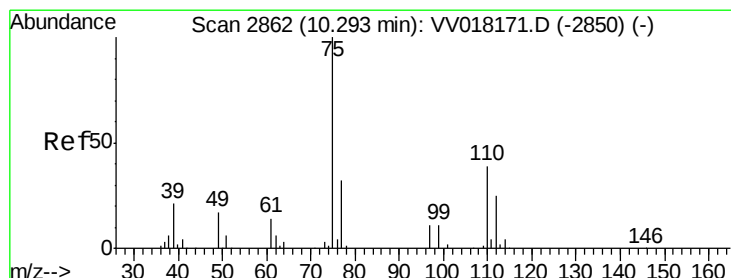
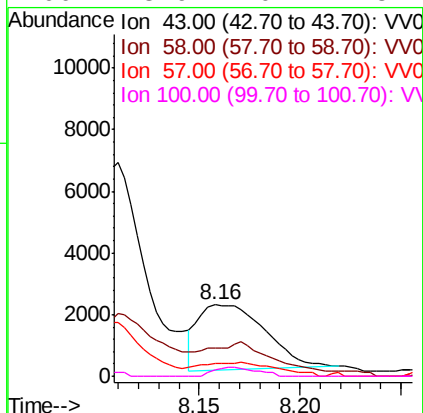
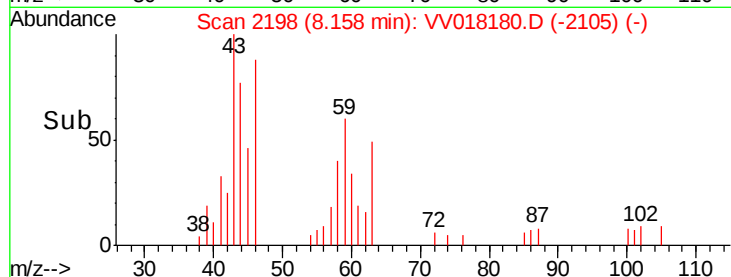
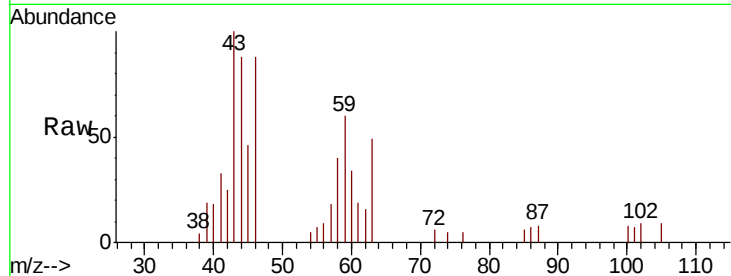




#48
2-Hexanone
Concen: 2.344 ug/L
RT: 8.16 min Scan# 2198
Delta R.T. 0.00 min
Lab File: VV018180.D
Acq: 10 Sep 2020 15:01

Instrument :
MSVOA_V
ClientSampleId :
BFWZ2

Tot Ion: 43 Resp: 4913
Ion Ratio Lower Upper
43 100
58 24.3 44.8 67.2#
57 3.1 15.8 23.6#
100 8.9 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 6.451 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018180.D
Acq: 10 Sep 2020 15:01

Tgt Ion: 75 Resp: 16629
Ion Ratio Lower Upper
75 100
77 36.4 25.8 38.6

