

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102020\
 Data File : VV019009.D
 Acq On : 20 Oct 2020 13:13
 Operator : SY/MD
 Sample : L4430-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 21 06:10:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 21 06:02:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	265213	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	266563	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	122116	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77308	35.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.82%
7) Chloroethane-d5	1.58	69	78375	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.62%
11) 1,1-Dichloroethene-d2	2.12	63	132049	32.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.08%
21) 2-Butanone-d5	3.91	46	160480	105.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.46%
24) Chloroform-d	4.38	84	187924	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.82%
26) 1,2-Dichloroethane-d4	5.06	65	132829	51.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.04%
32) Benzene-d6	5.08	84	362289	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
36) 1,2-Dichloropropane-d6	6.09	67	126343	50.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.56%
41) Toluene-d8	7.34	98	308056	44.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.26%
43) trans-1,3-Dichloropropene-	7.64	79	53425	43.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.86%
47) 2-Hexanone-d5	8.11	63	82070	88.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.79%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	146193	50.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	133657	53.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

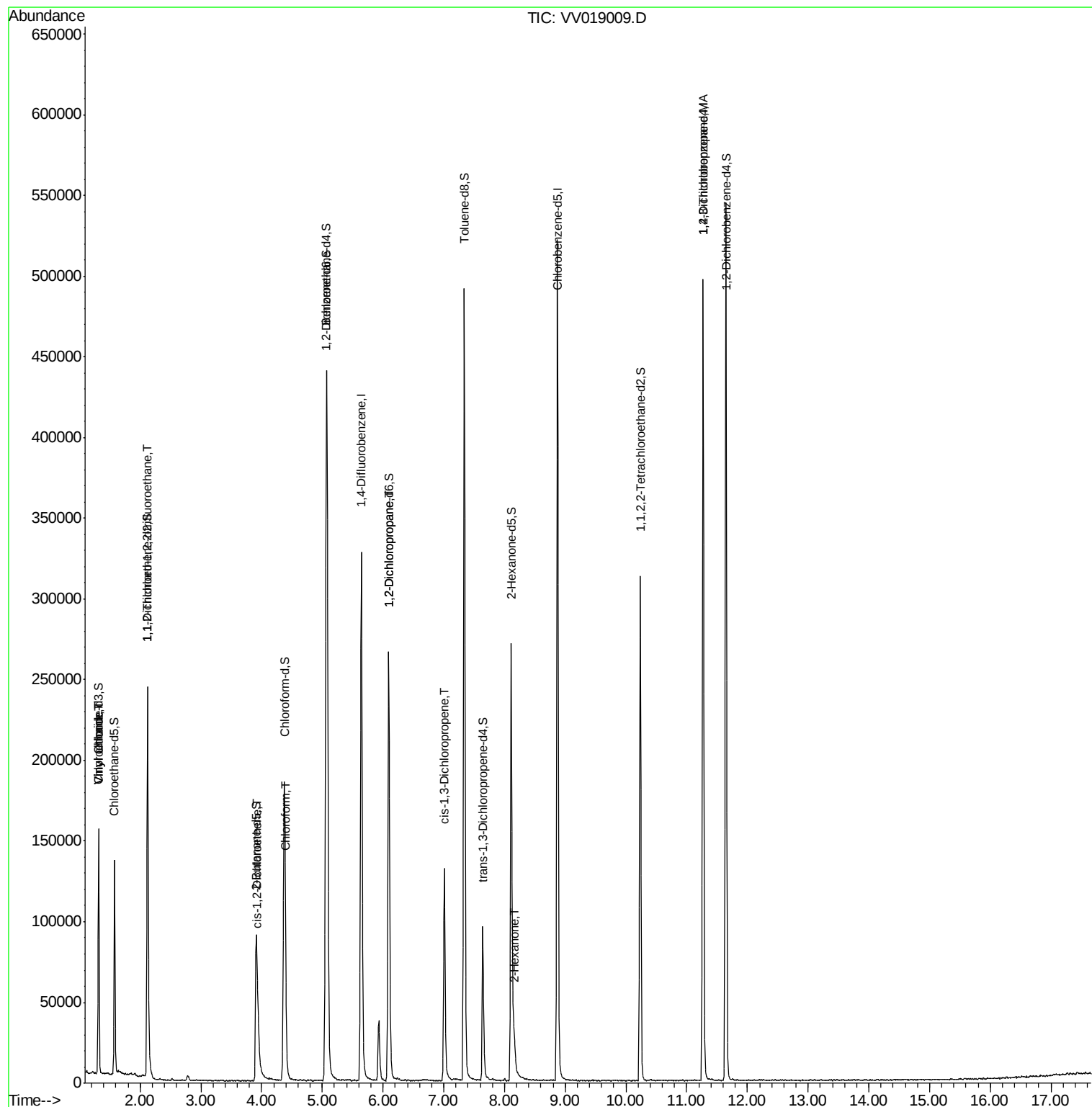
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	18084	7.224	ug/L	89
8) Chloroethane	1.32	64	6822	4.544	ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1156	0.672	ug/L #	20
20) cis-1,2-Dichloroethene	3.94	96	4872	2.375	ug/L	89
25) Chloroform	4.40	83	3855	1.018	ug/L	100
37) 1,2-Dichloropropane	6.09	63	14102	6.447	ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	3402	1.035	ug/L #	72
48) 2-Hexanone	8.16	43	13708	5.731	ug/L #	88
59) 1,2,3-Trichloropropane	11.27	75	15792	5.964	ug/L	92

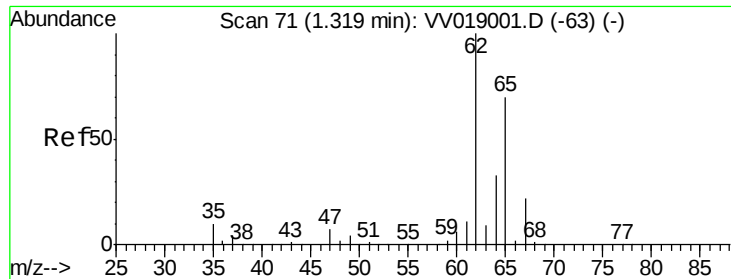
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 21 06:10:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 21 06:02:04 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 7.224 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV019009.D

Acq: 20 Oct 2020 13:13

Instrument :

MSVOA_V

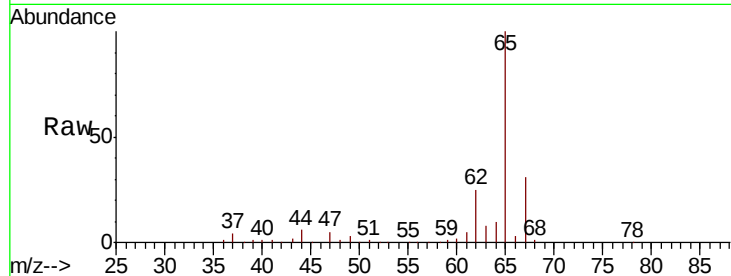
ClientSampleId :

Tot Ion: 62 Resp: 18084

Ion Ratio Lower Upper

62 100

64 39.4 23.2 43.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

1.32

15000

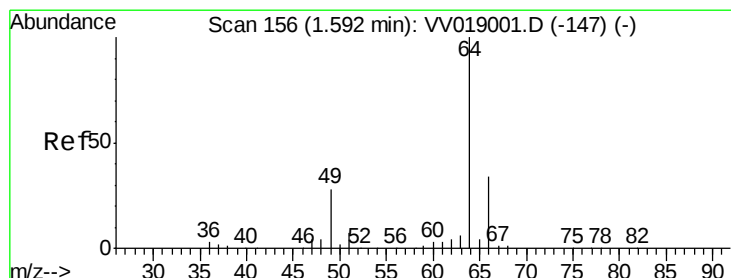
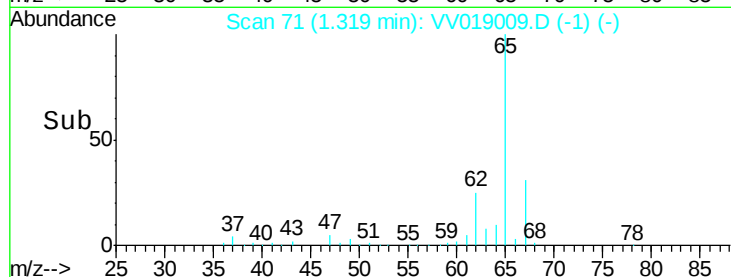
10000

5000

0

1.30 1.35

Time-->



#8

Chloroethane

Concen: 4.544 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.27 min

Lab File: VV019009.D

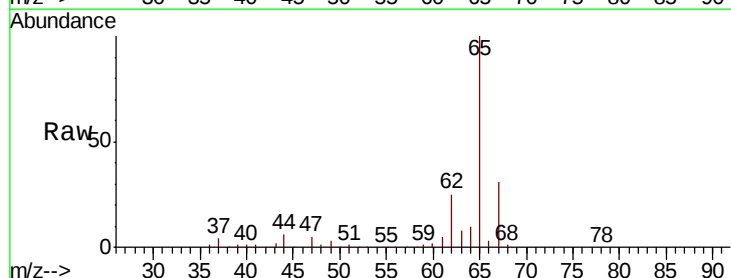
Acq: 20 Oct 2020 13:13

Tgt Ion: 64 Resp: 6822

Ion Ratio Lower Upper

64 100

66 28.6 22.7 42.1



Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0

8000

6000

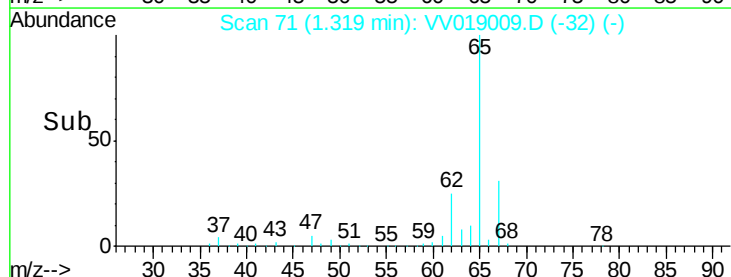
4000

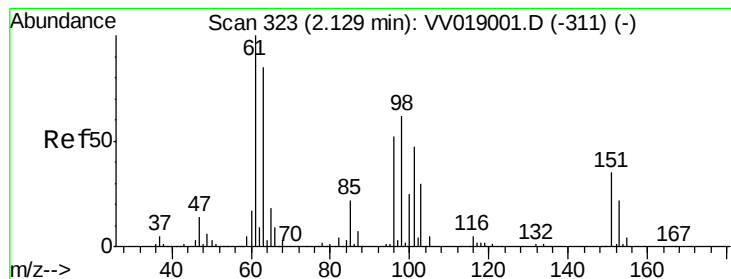
2000

0

1.30 1.35

Time-->





#10

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

Concen: 0.672 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV019009.D

Acq: 20 Oct 2020 13:13

Instrument :

MSVOA_V

ClientSampled :

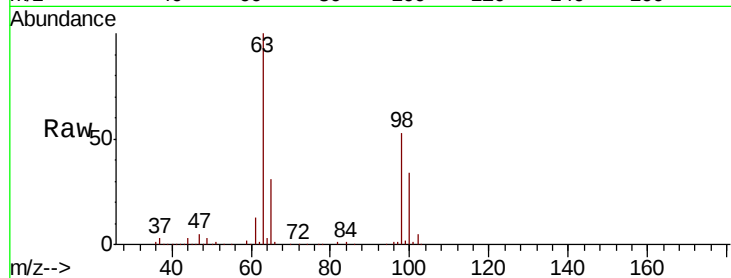
Tot Ion:101 Resp: 1156

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

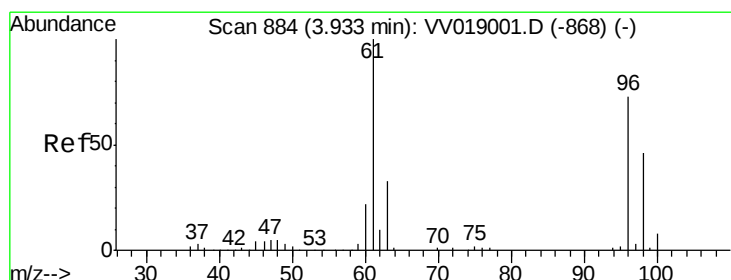
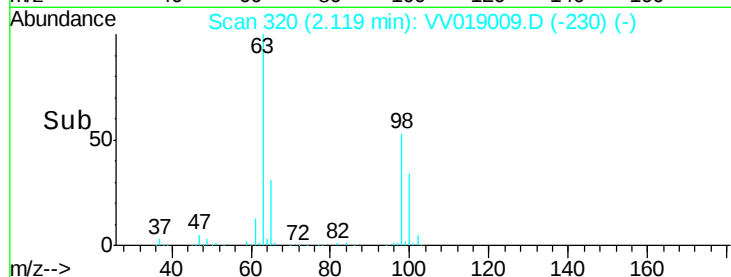
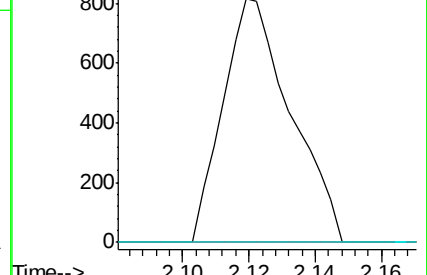
151 0.0 59.7 89.5#



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



#20

cis-1,2-Dichloroethene

Concen: 2.375 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV019009.D

Acq: 20 Oct 2020 13:13

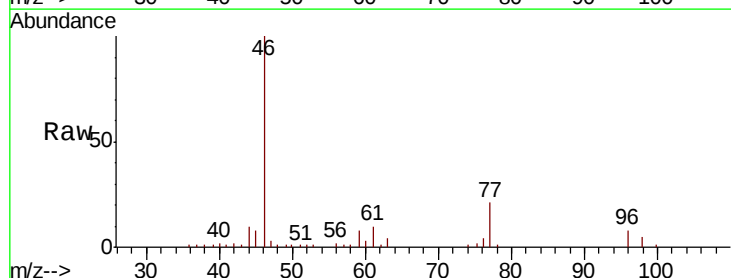
Tgt Ion: 96 Resp: 4872

Ion Ratio Lower Upper

96 100

61 124.7 96.1 178.5

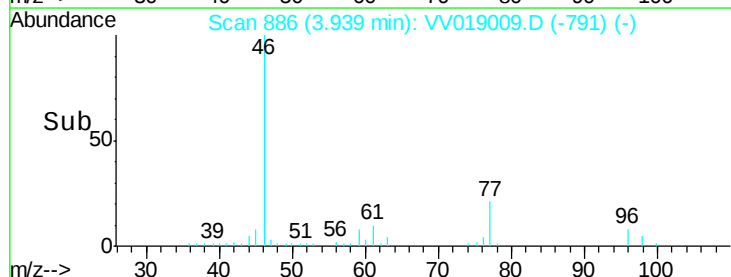
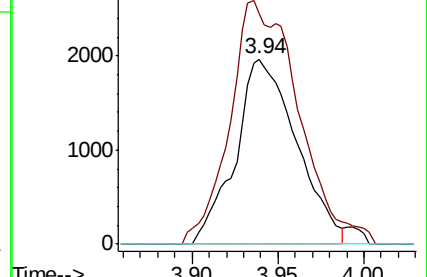
68 0.0 0.0 0.0

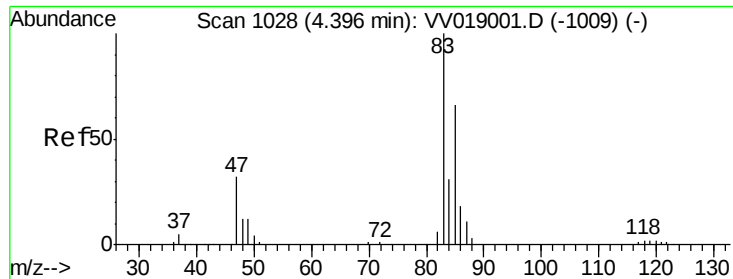


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

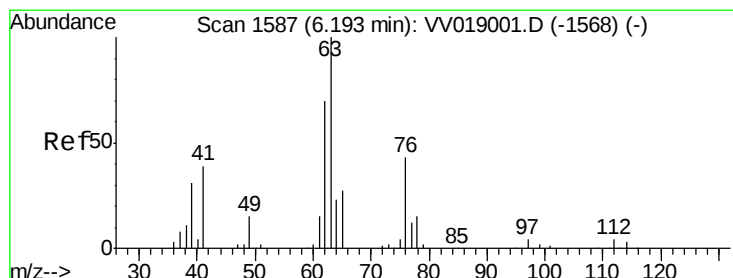
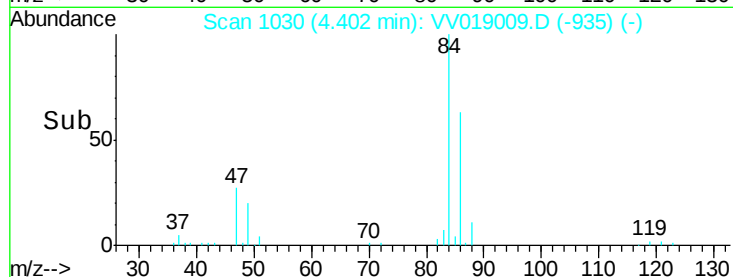
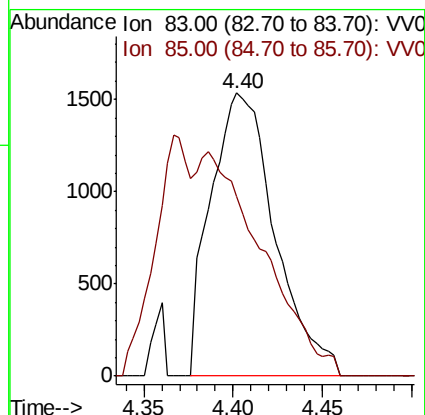
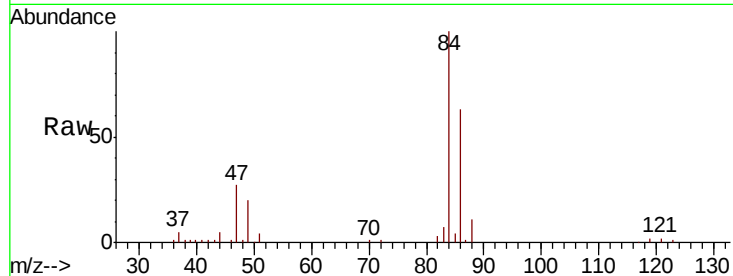




#25
Chloroform
Concen: 1.018 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.01 min
Lab File: VV019009.D
Acq: 20 Oct 2020 13:13

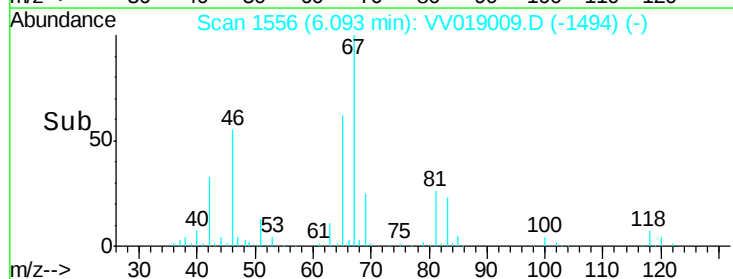
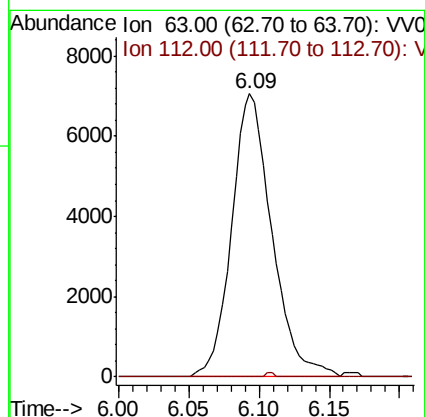
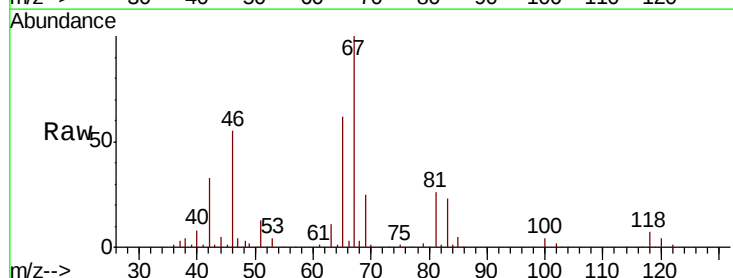
Instrument :
MSVOA_V
ClientSampleId :

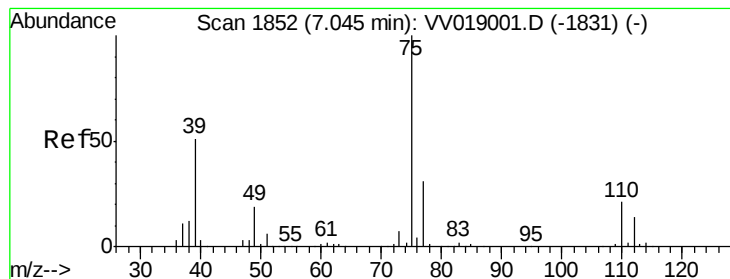
Tot Ion: 83 Resp: 3855
Ion Ratio Lower Upper
83 100
85 63.6 44.6 82.8



#37
1,2-Dichloropropane
Concen: 6.447 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV019009.D
Acq: 20 Oct 2020 13:13

Tgt Ion: 63 Resp: 14102
Ion Ratio Lower Upper
63 100
112 0.3 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 1.035 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV019009.D

Acq: 20 Oct 2020 13:13

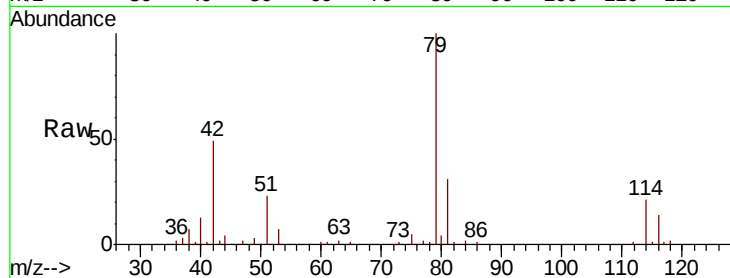
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 3402

Ion Ratio Lower Upper

75 100

77 47.8 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VV019001.D (-1831) (-)

Ion 77.00 (76.70 to 77.70): VV019001.D (-1831) (-)

7.01

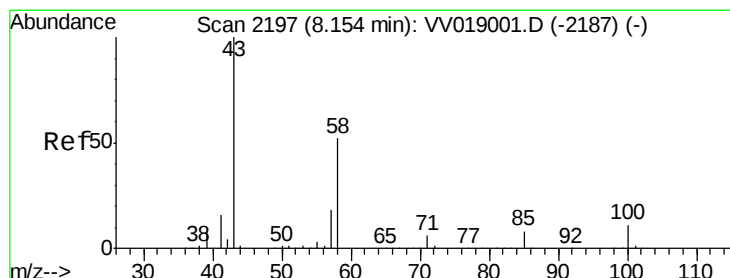
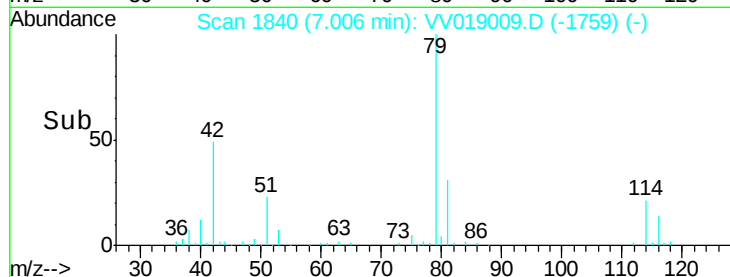
1500

1000

500

0

Time--> 6.95 7.00 7.05



#48

2-Hexanone

Concen: 5.731 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV019009.D

Acq: 20 Oct 2020 13:13

Tgt Ion: 43 Resp: 13708

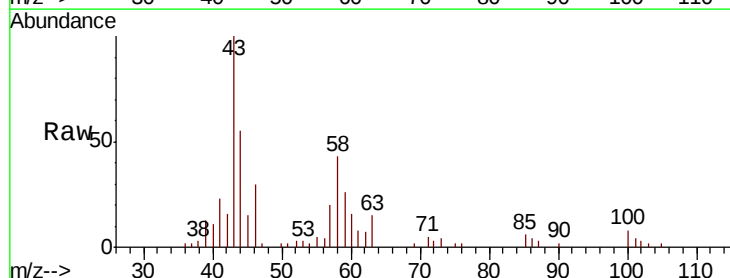
Ion Ratio Lower Upper

43 100

58 42.4 42.5 63.7#

57 14.5 14.5 21.7

100 8.3 9.0 13.4#



Abundance Ion 43.00 (42.70 to 43.70): VV019001.D (-2187) (-)

Ion 58.00 (57.70 to 58.70): VV019001.D (-2187) (-)

Ion 57.00 (56.70 to 57.70): VV019001.D (-2187) (-)

Ion 100.00 (99.70 to 100.70): VV019001.D (-2187) (-)

8.16

10000

8000

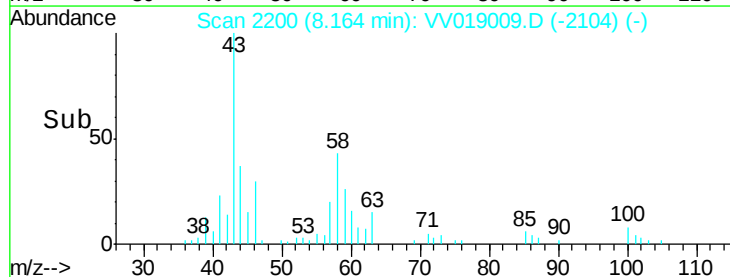
6000

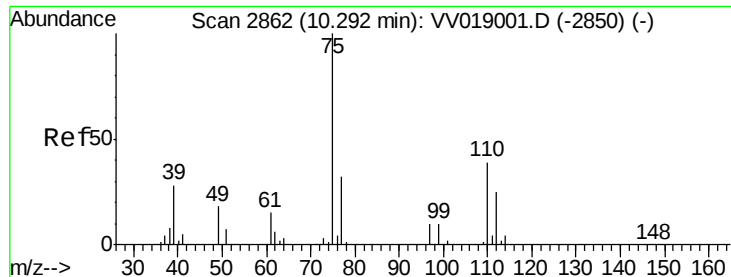
4000

2000

0

Time--> 8.10 8.15 8.20 8.25





#59

1,2,3-Trichloropropane

Concen: 5.964 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019009.D

Acq: 20 Oct 2020 13:13

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 15792

Ion Ratio Lower Upper

75 100

77 36.2 25.4 38.2

