

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102120\
 Data File : VV019051.D
 Acq On : 21 Oct 2020 16:09
 Operator : SY/MD
 Sample : L4483-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FG8

Quant Time: Oct 22 06:09:26 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	260218	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	216934	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	110617	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	149608	69.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	139.70%#
7) Chloroethane-d5	1.58	69	125000	73.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	147.32%#
11) 1,1-Dichloroethene-d2	2.12	63	224690	55.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.14%
21) 2-Butanone-d5	3.91	46	215699	144.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	144.47%#
24) Chloroform-d	4.37	84	267670	69.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	139.10%#
26) 1,2-Dichloroethane-d4	5.06	65	190327	74.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	149.02%#
32) Benzene-d6	5.07	84	544937	86.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	172.10%#
36) 1,2-Dichloropropane-d6	6.09	67	180147	88.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	177.94%#
41) Toluene-d8	7.34	98	476920	83.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	167.90%#
43) trans-1,3-Dichloropropene-	7.64	79	79539	80.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	160.72%#
47) 2-Hexanone-d5	8.11	63	97280	129.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	129.33%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	148379	62.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	125.06%#
64) 1,2-Dichlorobenzene-d4	11.65	152	168254	74.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	149.52%#

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1785	1.057 ug/L #	22
12) 1,1-Dichloroethene	2.12	96	1768	1.033 ug/L #	1
13) Acetone	2.19	43	25660	23.520 ug/L	94
25) Chloroform	4.40	83	4371	1.177 ug/L	79
39) cis-1,3-Dichloropropene	7.01	75	5264	1.968 ug/L #	49
48) 2-Hexanone	8.16	43	9437	4.848 ug/L #	76
51) Chlorobenzene	8.90	112	164434	36.722 ug/L	99
59) 1,2,3-Trichloropropane	11.20	75	7192	3.338 ug/L #	43
62) 1,3-Dichlorobenzene	11.20	146	22429	6.541 ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	209169	58.017 ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	793010	229.208 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	1301	2.523 ug/L #	3
67) 1,3,5-Trichlorobenzene	13.28	180	176918	76.802 ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	176918	83.349 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	106967	50.415 ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102120\
Data File : VV019051.D
Acq On : 21 Oct 2020 16:09
Operator : SY/MD
Sample : L4483-01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0FG8

Quant Time: Oct 22 06:09:26 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

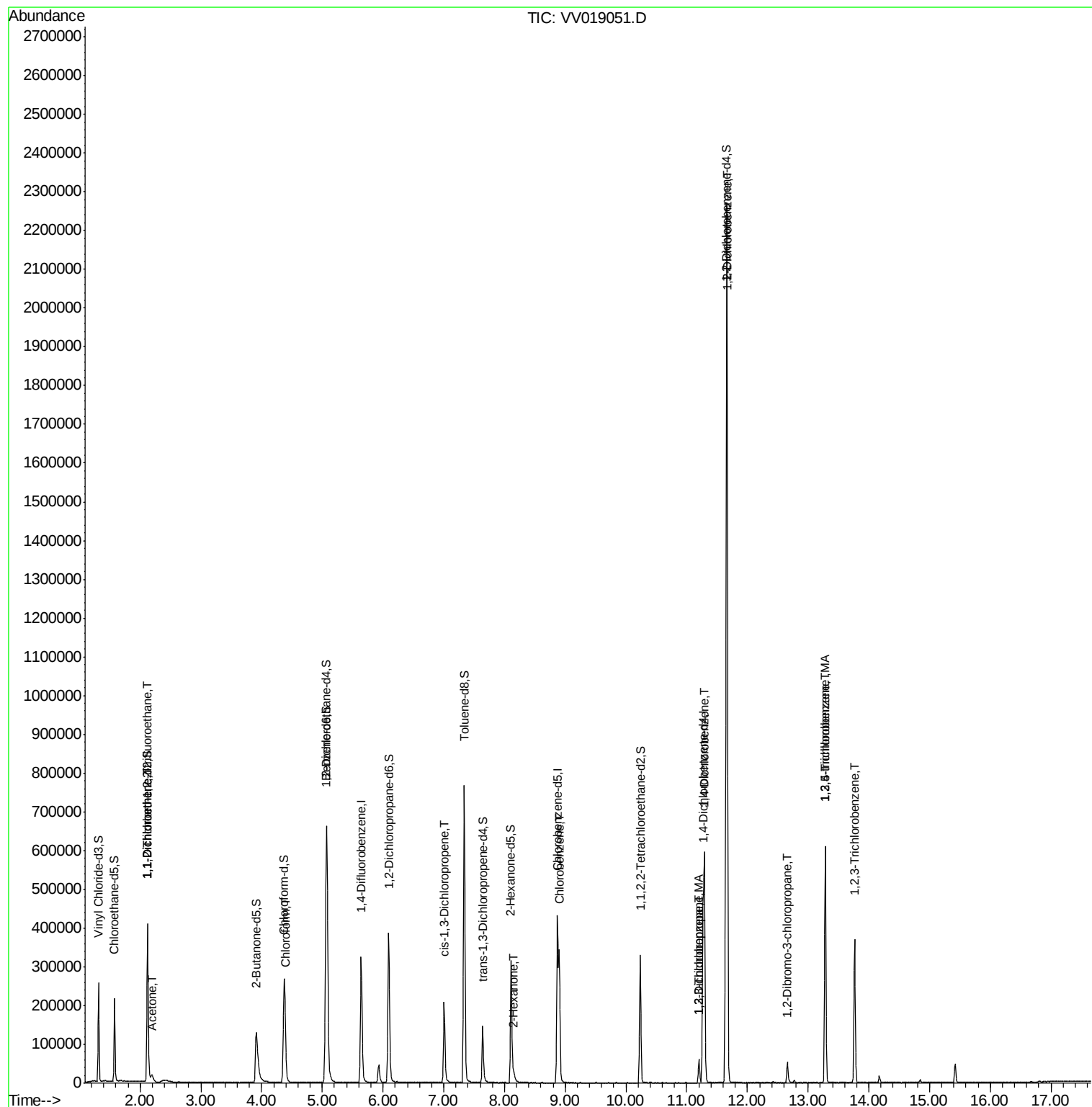
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

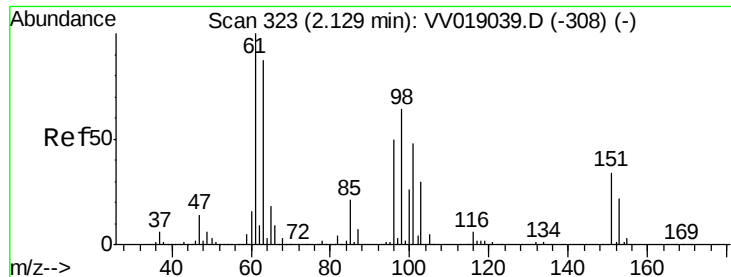
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV102120\
Data File : VV019051.D
Acq On : 21 Oct 2020 16:09
Operator : SY/MD
Sample : L4483-01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0FG8

Quant Time: Oct 22 06:09:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 22 06:00:52 2020
Response via : Initial Calibration





#10

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

Concen: 1.057 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019051.D

Acq: 21 Oct 2020 16:09

Instrument :

MSVOA_V

ClientSampleId :

C0FG8

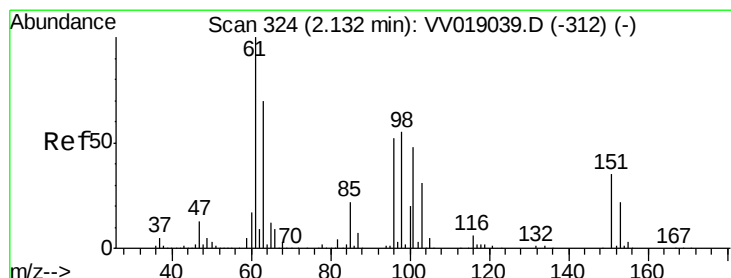
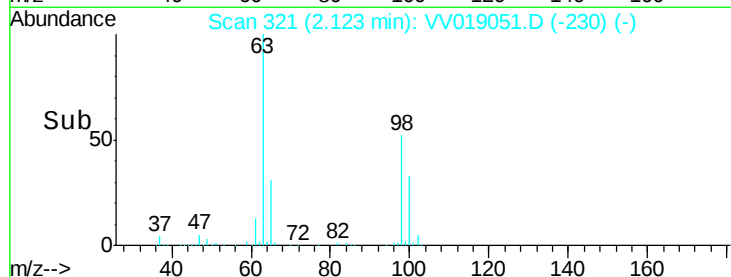
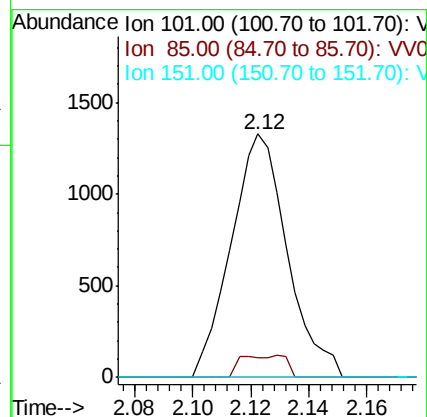
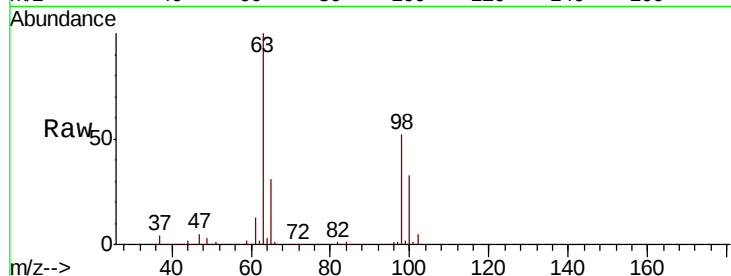
Tot Ion:101 Resp: 1785

Ion Ratio Lower Upper

101 100

85 3.6 35.0 52.4#

151 0.0 59.7 89.5#



#12

1,1-Dichloroethene

Concen: 1.033 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019051.D

Acq: 21 Oct 2020 16:09

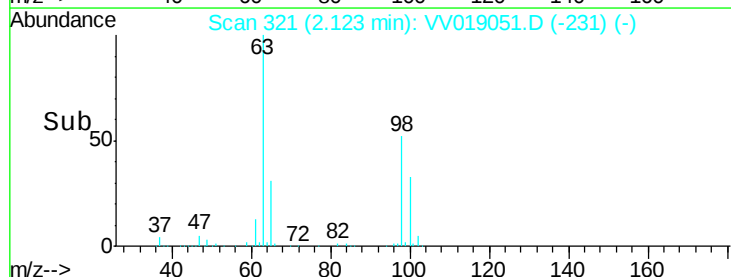
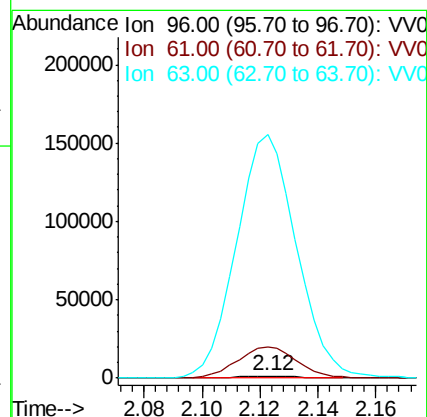
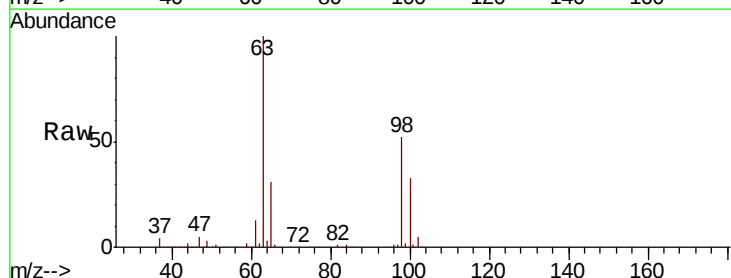
Tgt Ion: 96 Resp: 1768

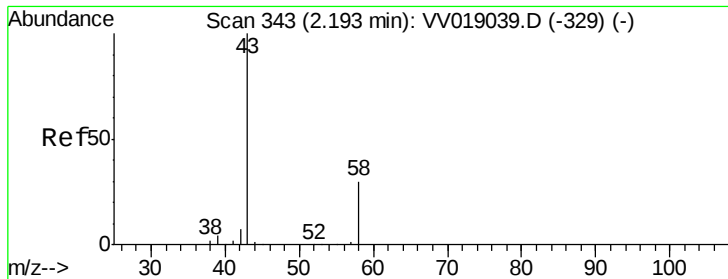
Ion Ratio Lower Upper

96 100

61 1771.5 133.5 247.9#

63 13595.1 102.1 189.7#





#13

Acetone

Concen: 23.520 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV019051.D

Acq: 21 Oct 2020 16:09

Instrument :

MSVOA_V

ClientSampled :

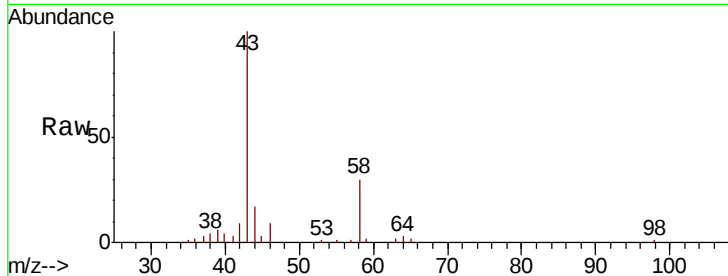
C0FG8

Tot Ion: 43 Resp: 25660

Ion Ratio Lower Upper

43 100

58 32.7 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

12000

10000

8000

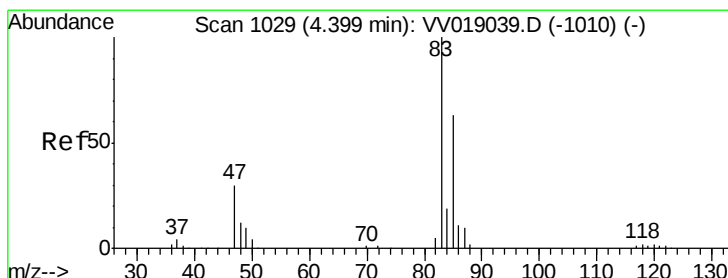
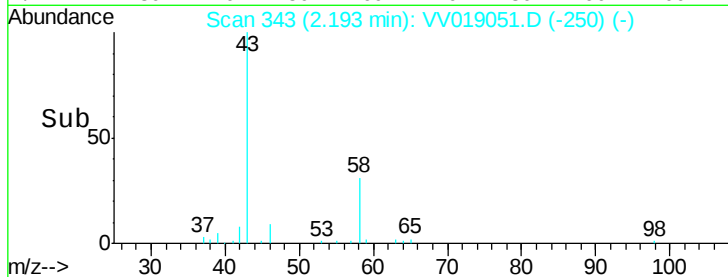
6000

4000

2000

0

Time-->



#25

Chloroform

Concen: 1.177 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VV019051.D

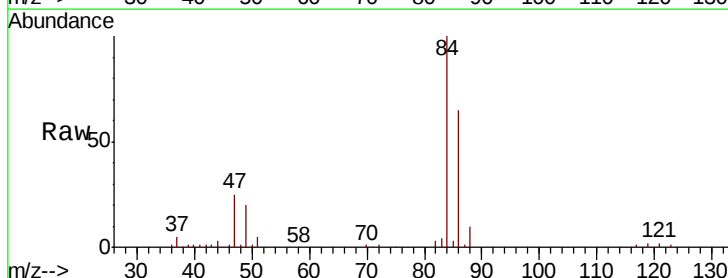
Acq: 21 Oct 2020 16:09

Tgt Ion: 83 Resp: 4371

Ion Ratio Lower Upper

83 100

85 79.9 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) (-)

4.40

2000

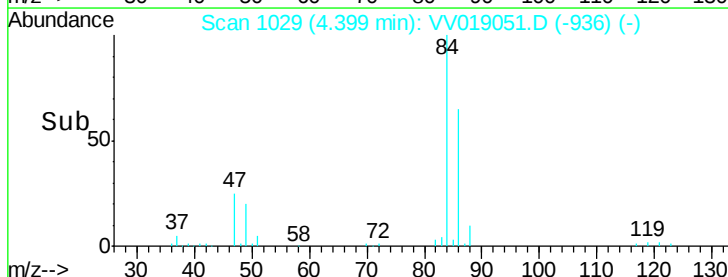
1500

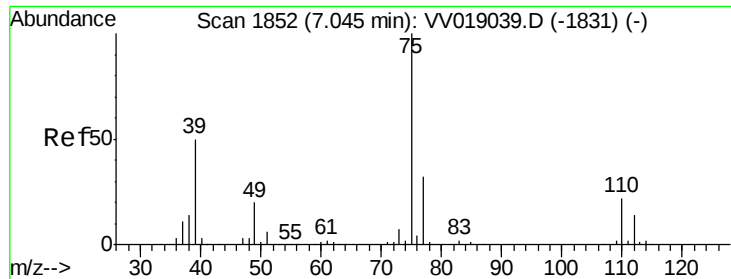
1000

500

0

Time-->

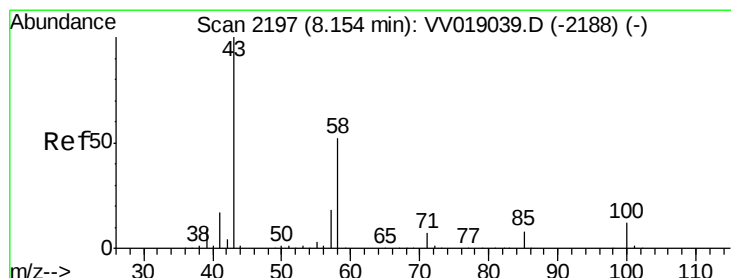
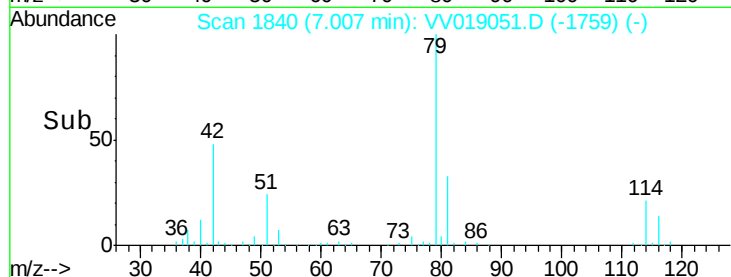
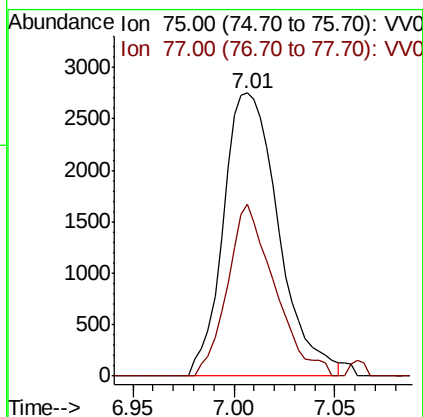
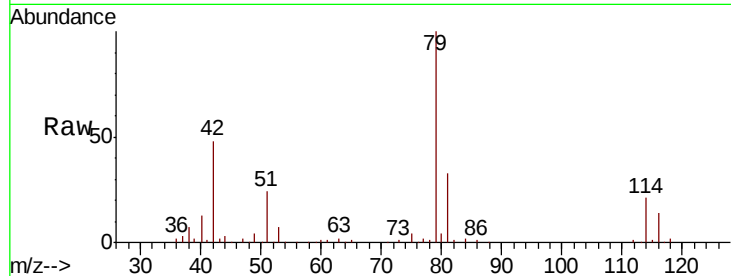




#39
 cis-1,3-Dichloropropene
 Concen: 1.968 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV019051.D
 Acq: 21 Oct 2020 16:09

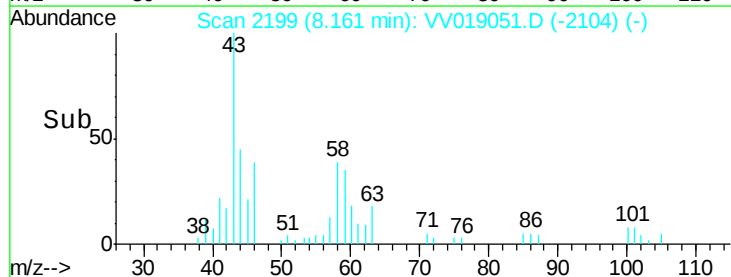
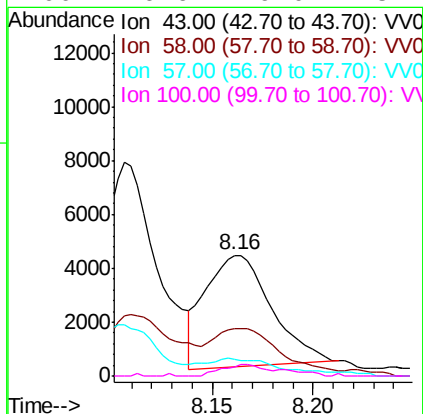
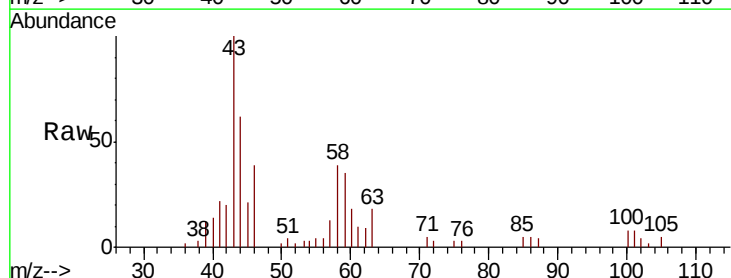
Instrument :
 MSVOA_V
 ClientSampleId :
 C0FG8

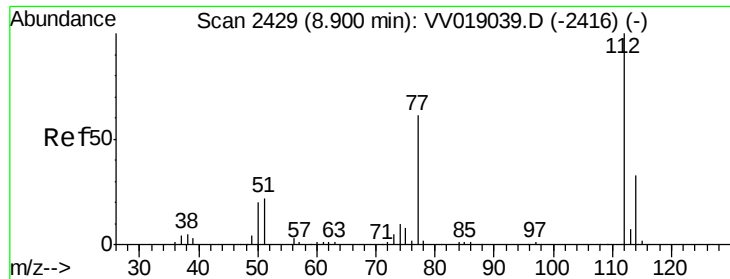
Tot Ion: 75 Resp: 5264
 Ion Ratio Lower Upper
 75 100
 77 60.7 22.5 41.9#



#48
 2-Hexanone
 Concen: 4.848 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: VV019051.D
 Acq: 21 Oct 2020 16:09

Tgt Ion: 43 Resp: 9437
 Ion Ratio Lower Upper
 43 100
 58 37.4 42.5 63.7#
 57 1.3 14.5 21.7#
 100 6.6 9.0 13.4#





#51

Chlorobenzene

Concen: 36.722 ug/L

RT: 8.90 min Scan# 2429

Delta R.T. -0.00 min

Lab File: VV019051.D

Acq: 21 Oct 2020 16:09

Instrument :

MSVOA_V

ClientSampleId :

C0FG8

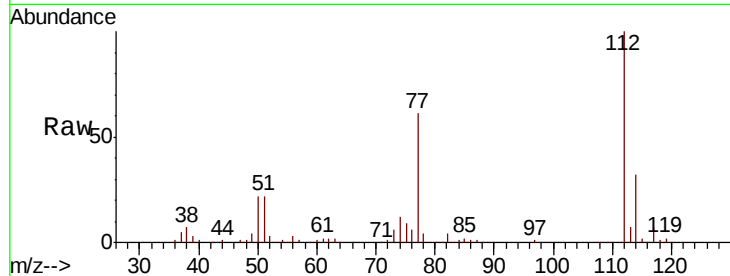
Tot Ion:112 Resp: 164434

Ion Ratio Lower Upper

112 100

114 32.4 21.8 40.6

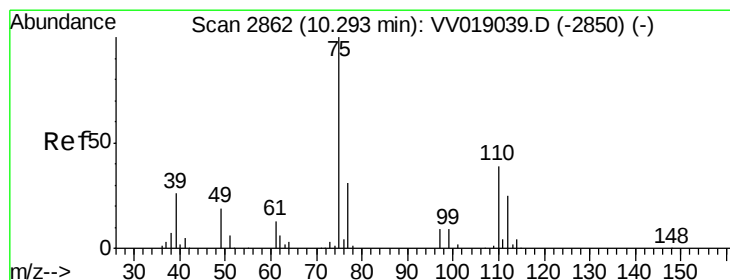
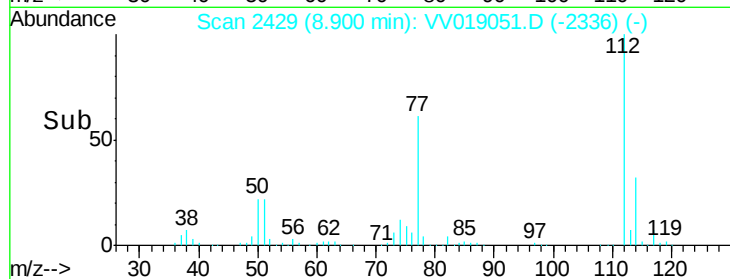
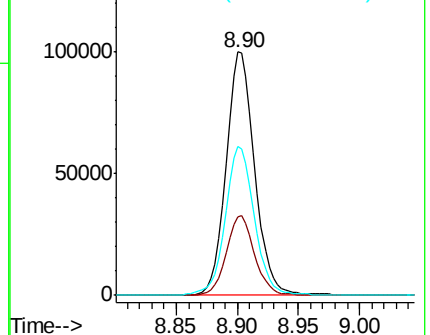
77 60.9 49.2 73.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0



#59

1,2,3-Trichloropropane

Concen: 3.338 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.91 min

Lab File: VV019051.D

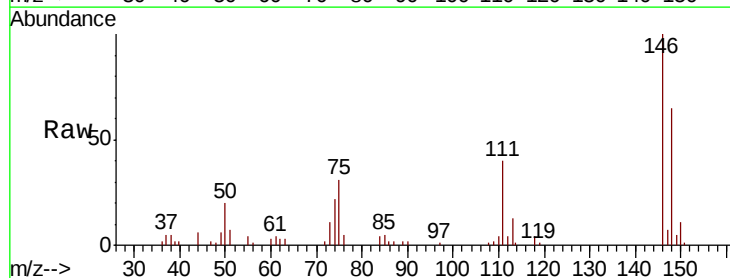
Acq: 21 Oct 2020 16:09

Tgt Ion: 75 Resp: 7192

Ion Ratio Lower Upper

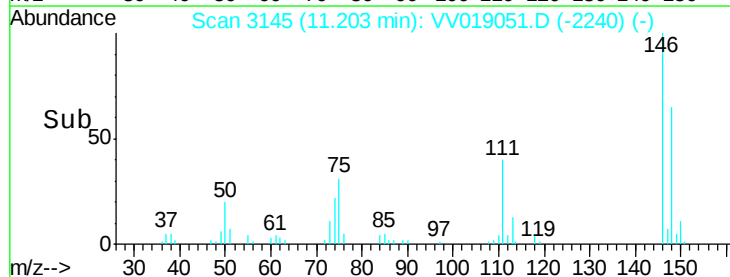
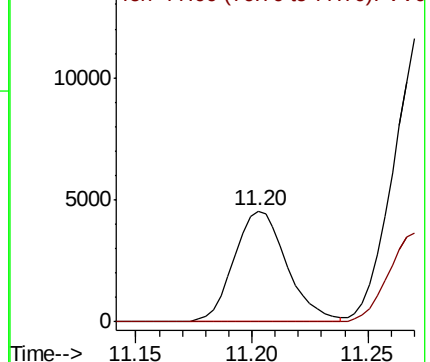
75 100

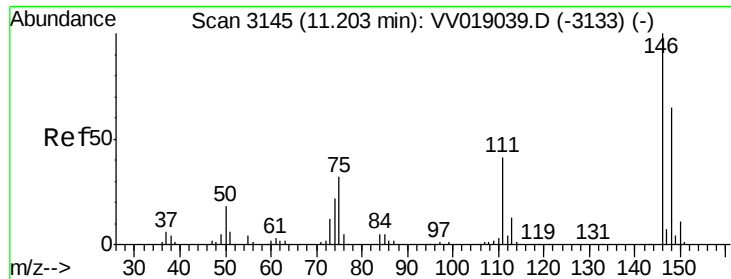
77 0.0 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

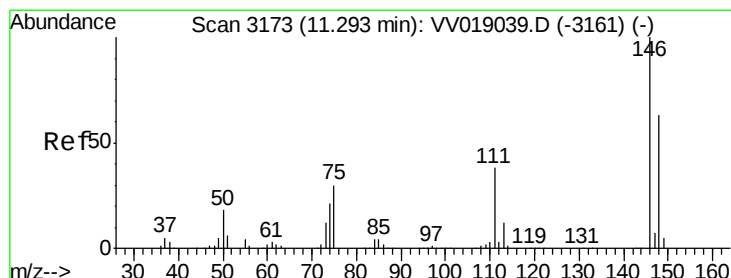
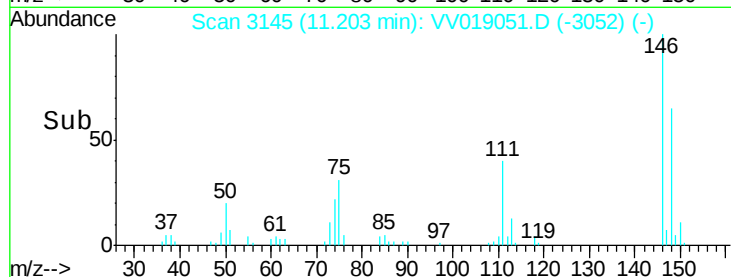
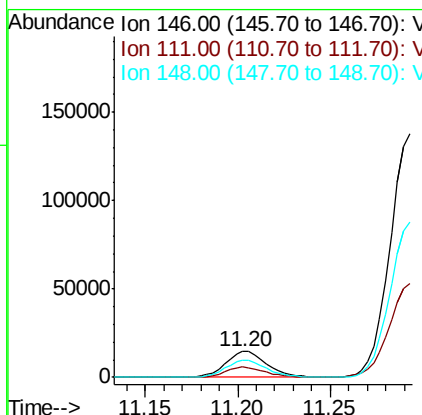
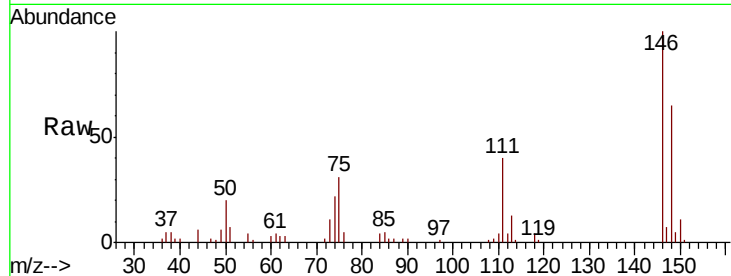




#62
 1,3-Dichlorobenzene
 Concen: 6.541 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: VV019051.D
 Acq: 21 Oct 2020 16:09

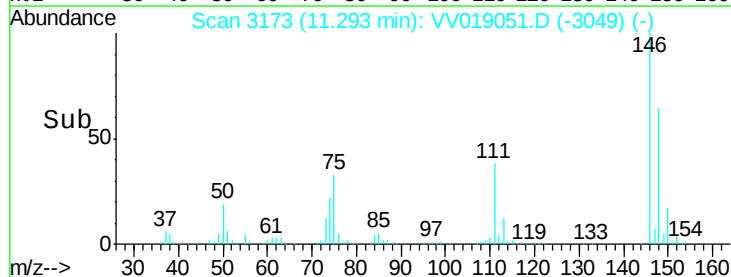
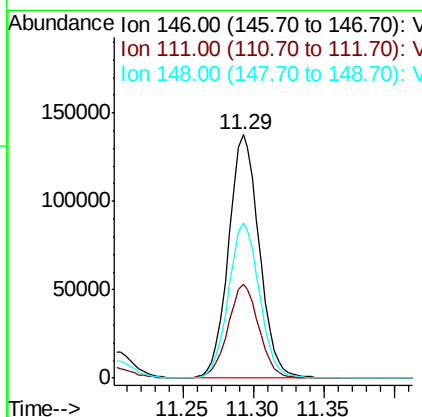
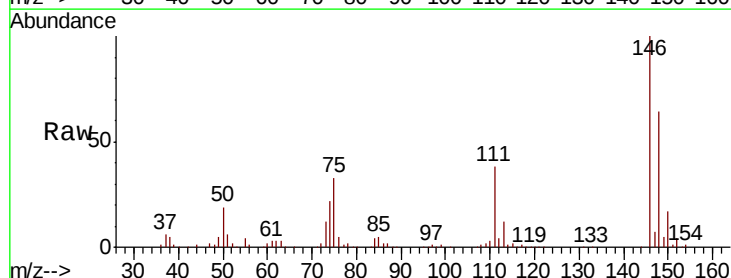
Instrument :
 MSVOA_V
 ClientSampled :
 C0FG8

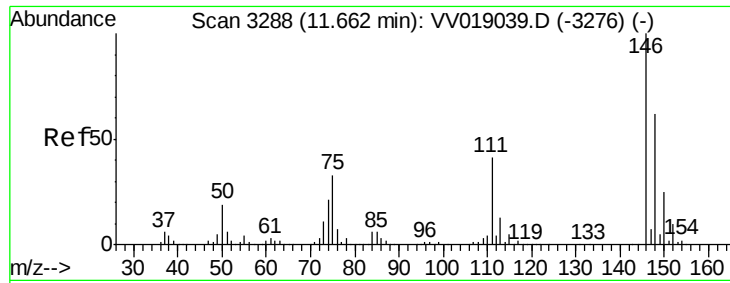
Tot Ion:146 Resp: 22429
 Ion Ratio Lower Upper
 146 100
 111 39.5 28.3 52.7
 148 65.0 45.1 83.7



#63
 1,4-Dichlorobenzene
 Concen: 58.017 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: VV019051.D
 Acq: 21 Oct 2020 16:09

Tgt Ion:146 Resp: 209169
 Ion Ratio Lower Upper
 146 100
 111 38.5 27.5 51.1
 148 63.6 44.1 81.9





#65

1,2-Dichlorobenzene

Concen: 229.208 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV019051.D

Acq: 21 Oct 2020 16:09

Instrument :

MSVOA_V

ClientSampleId :

C0FG8

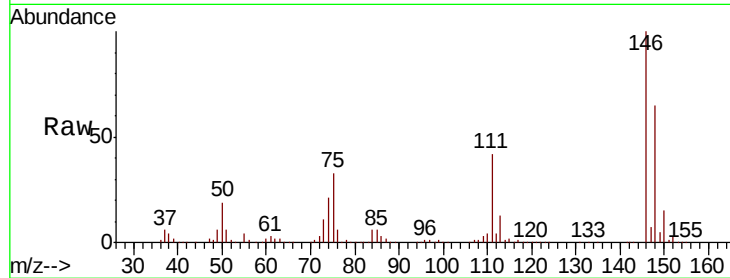
Tot Ion:146 Resp: 793010

Ion Ratio Lower Upper

146 100

111 41.7 33.9 50.9

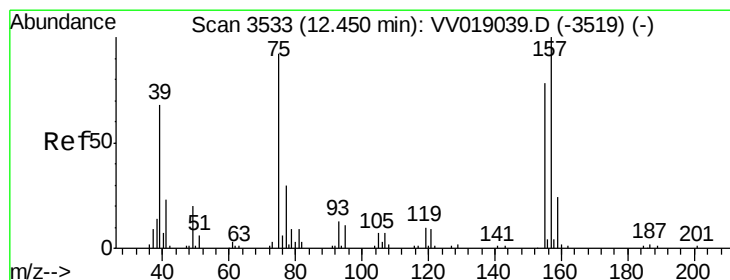
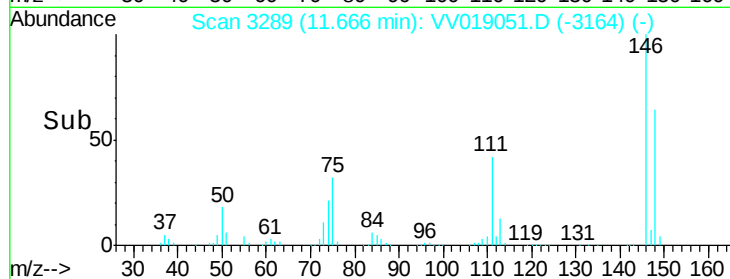
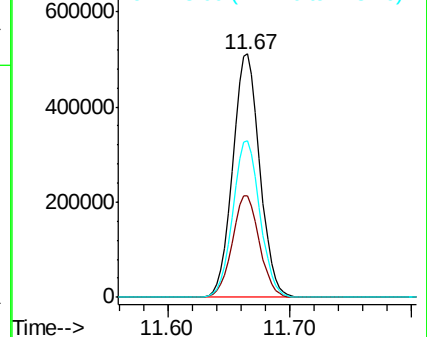
148 64.5 49.8 74.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 2.523 ug/L

RT: 12.66 min Scan# 3597

Delta R.T. 0.21 min

Lab File: VV019051.D

Acq: 21 Oct 2020 16:09

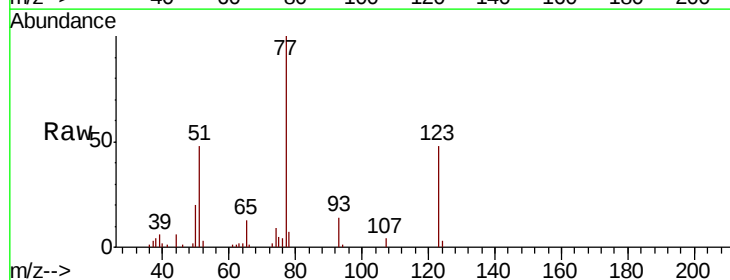
Tgt Ion: 75 Resp: 1301

Ion Ratio Lower Upper

75 100

155 0.0 65.7 98.5#

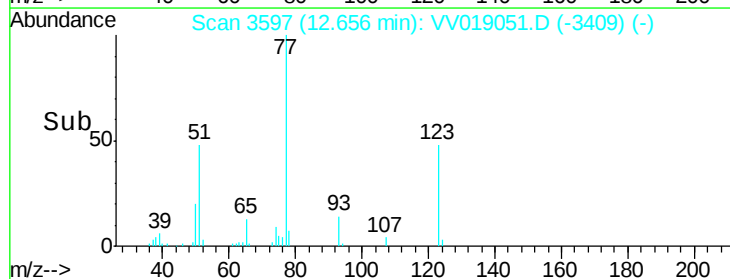
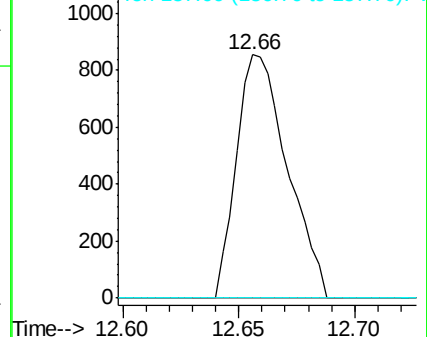
157 0.0 83.0 124.4#

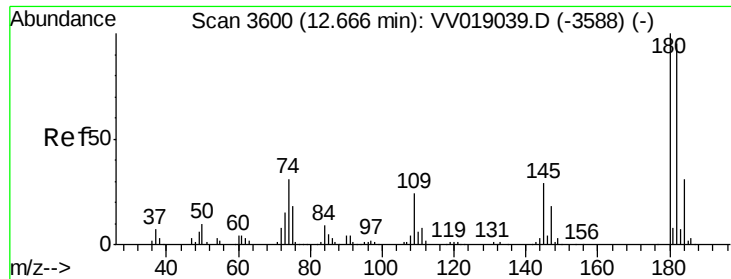


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

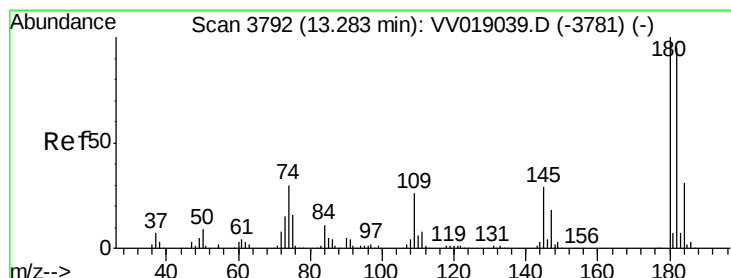
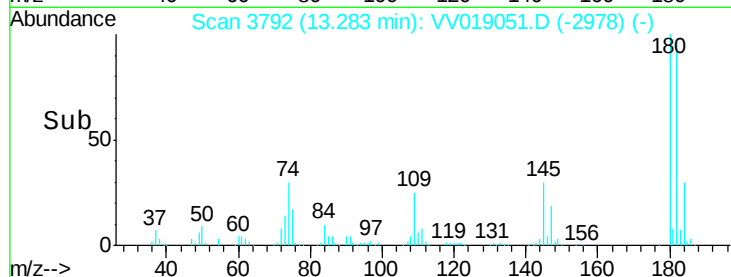
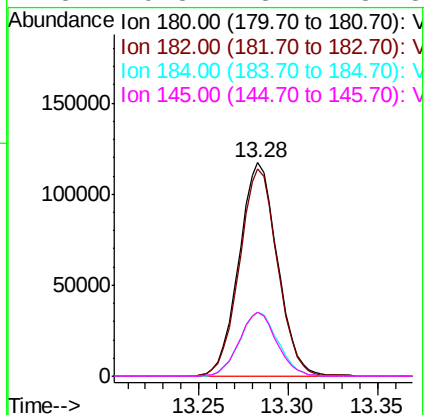
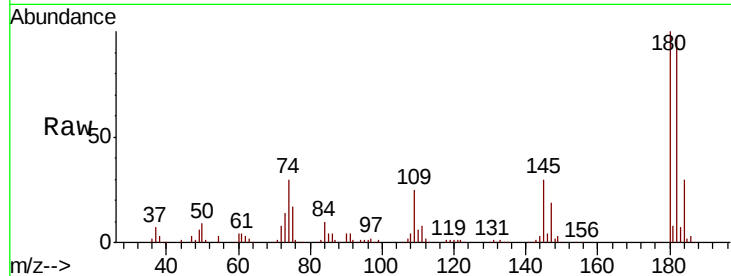




#67
 1,3,5-Trichlorobenzene
 Concen: 76.802 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.62 min
 Lab File: VV019051.D
 Acq: 21 Oct 2020 16:09

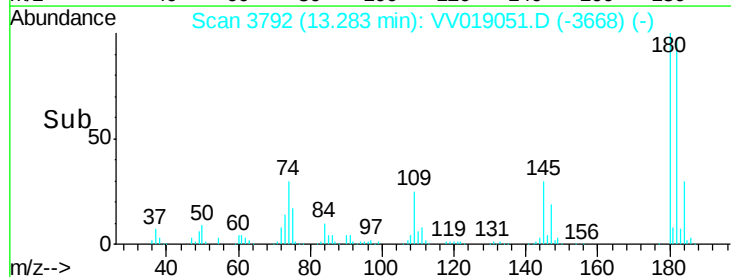
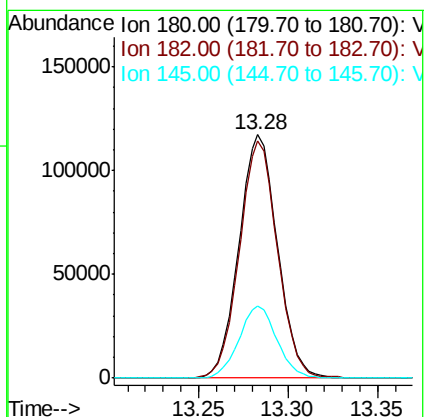
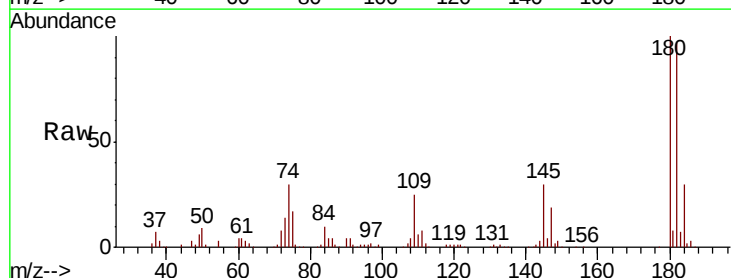
Instrument :
 MSVOA_V
 ClientSampleId :
 C0FG8

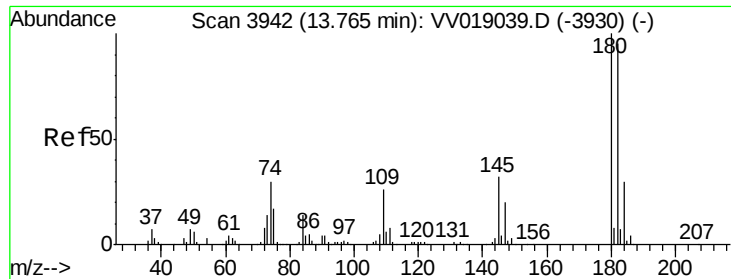
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.8	113.8
184	30.1	24.9	37.3
145	29.3	23.2	34.8



#68
 1,2,4-trichlorobenzene
 Concen: 83.349 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. -0.00 min
 Lab File: VV019051.D
 Acq: 21 Oct 2020 16:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.5	114.7
145	29.3	23.7	35.5





#70
 1,2,3-Trichlorobenzene
 Concen: 50.415 ug/L
 RT: 13.77 min Scan# 3942
 Delta R.T. -0.00 min
 Lab File: VV019051.D
 Acq: 21 Oct 2020 16:09

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FG8

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.8	115.2
145	31.4	25.4	38.0

