

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011720\
 Data File : VV014337.D
 Acq On : 17 Jan 2020 14:48
 Operator : SY/MD
 Sample : L1169-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF767

Quant Time: Jan 17 22:55:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 17 22:51:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	789770	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	720465	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	335232	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	224445	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.59	69	196860	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.13	63	276189	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	3.93	46	628022	47.31	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.62%
24) Chloroform-d	4.40	84	468846	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.08	65	239820	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.10	84	1039728	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.12	67	329549	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.36	98	923293	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.66	79	128782	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.13	63	567217	45.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.86%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	228176	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	304796	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.19	43	41503	4.540	ug/L	94
15) Methyl Acetate	2.30	43	55785	2.621	ug/L #	54
17) Methyl tert-butyl Ether	2.80	73	19327	0.148	ug/L	96
22) cis-1,2-Dichloroethene	3.97	96	7413	0.128	ug/L #	88
25) Chloroform	4.43	83	37881	0.381	ug/L	97
35) Methylcyclohexane	6.12	83	85914	0.922	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	35155	0.628	ug/L #	87
42) Toluene	7.43	91	27443	0.117	ug/L	97
44) trans-1,3-Dichloropropene	7.66	75	6306	0.091	ug/L	87
48) 2-Hexanone	8.13	43	71396	2.924	ug/L #	75
51) Chlorobenzene	8.92	112	184244	1.279	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	101258	0.966	ug/L	97
63) 1,4-Dichlorobenzene	11.31	146	177548	1.704	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	69712	0.737	ug/L	96
68) 1,2,4-trichlorobenzene	13.31	180	61092	0.914	ug/L	96

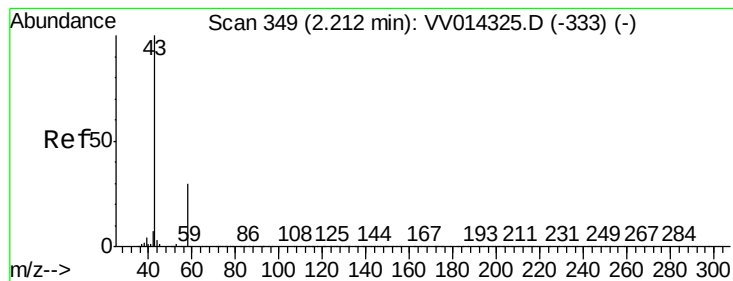
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011720\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#13

Acetone

Concen: 4.540 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

Lab File: VV014337.D

Acq: 17 Jan 2020 14:48

Instrument :

MSVOA_V

ClientSampleId :

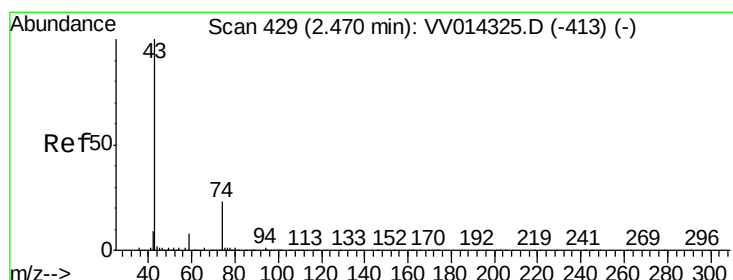
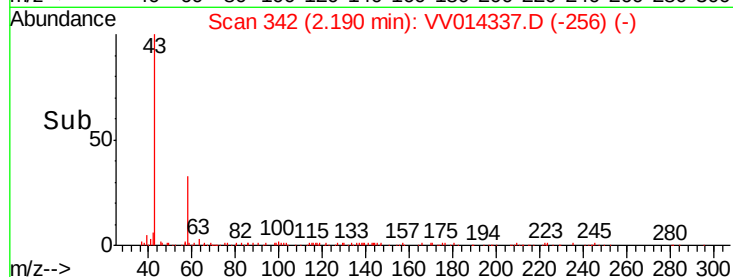
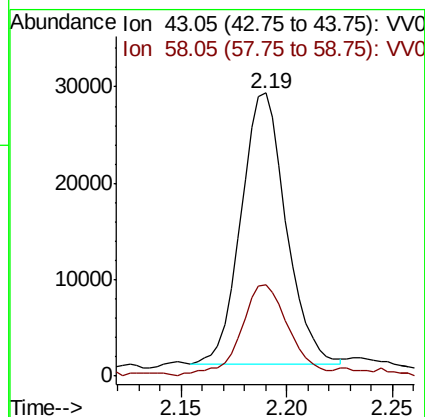
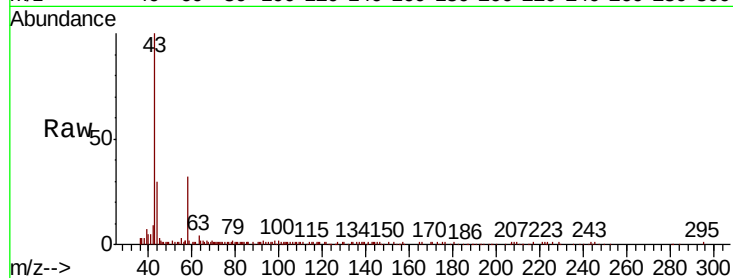
BF767

Tot Ion: 43 Resp: 41503

Ion Ratio Lower Upper

43 100

58 36.4 0.0 66.0



#15

Methyl Acetate

Concen: 2.621 ug/L

RT: 2.30 min Scan# 377

Delta R.T. -0.17 min

Lab File: VV014337.D

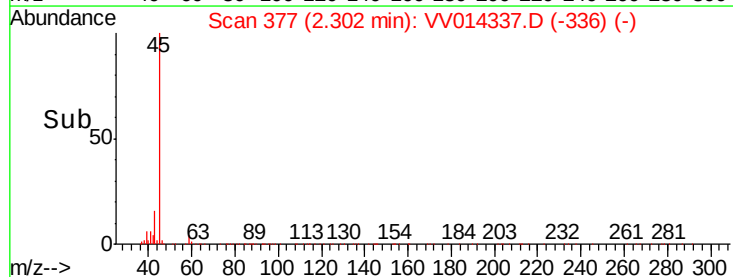
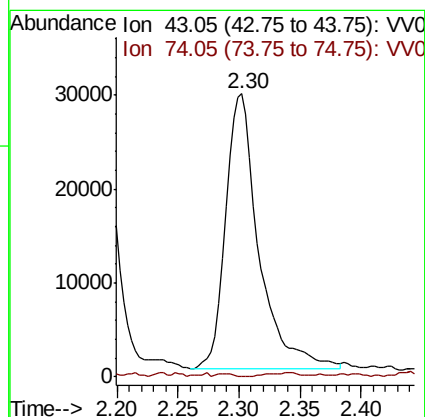
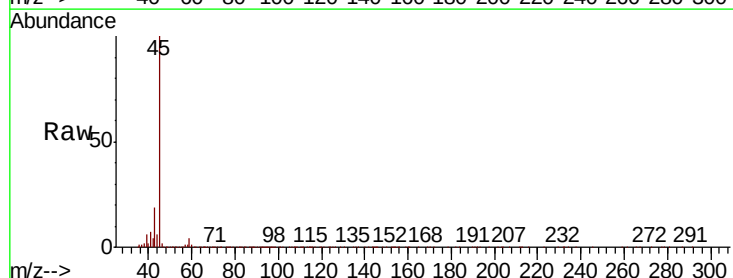
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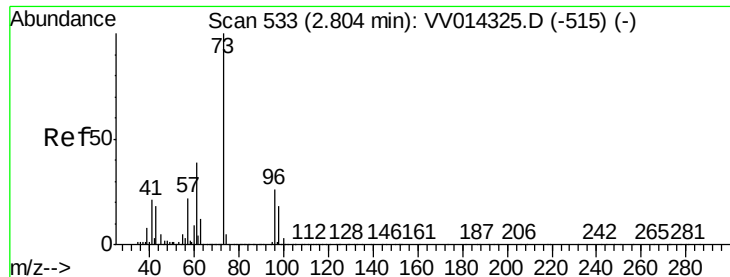
Tgt Ion: 43 Resp: 55785

Ion Ratio Lower Upper

43 100

74 0.7 18.6 28.0#

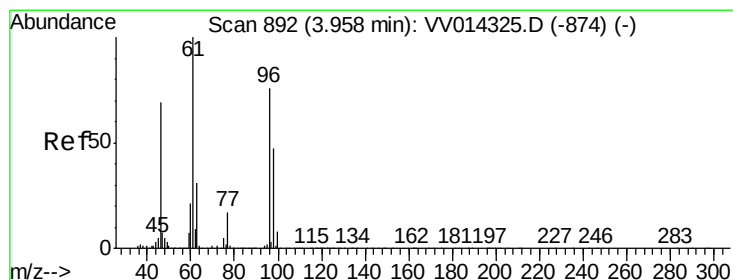
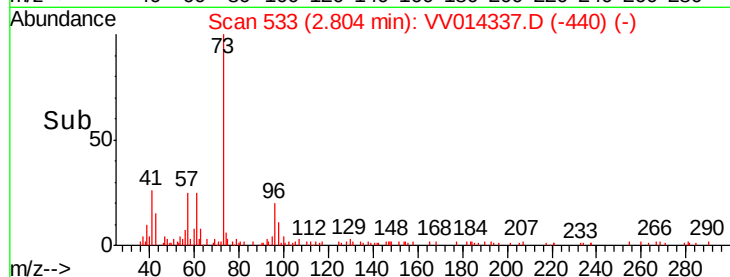
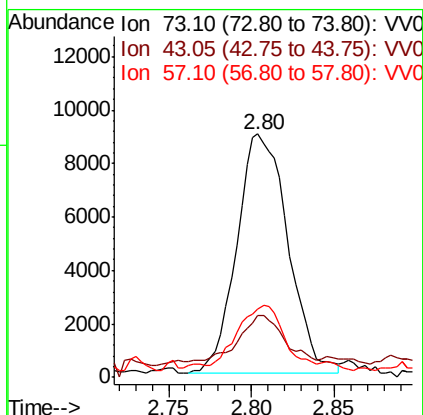
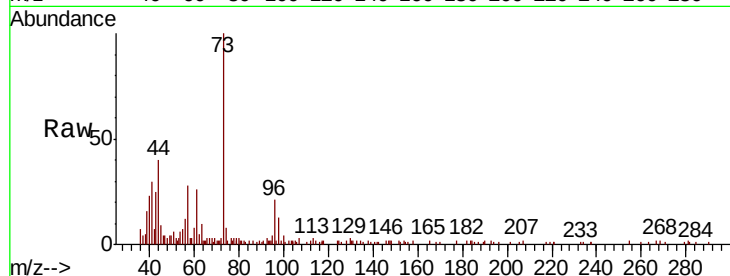




#17
Methyl tert-butyl Ether
Concen: 0.148 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.00 min
Lab File: VV014337.D
Acq: 17 Jan 2020 14:48

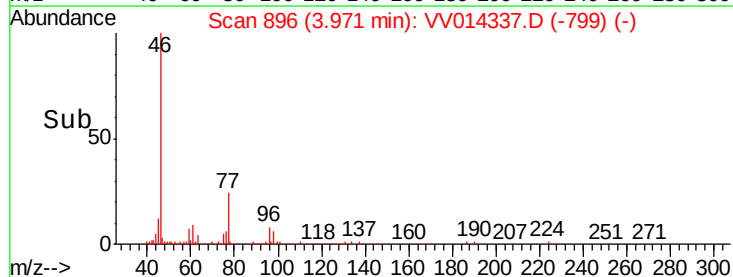
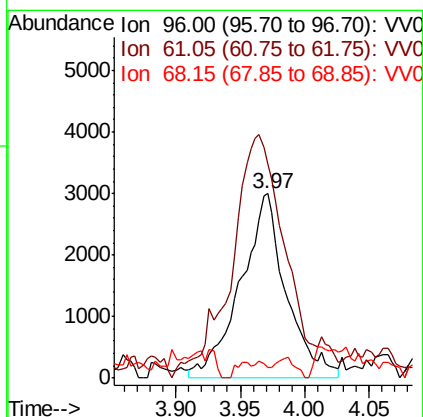
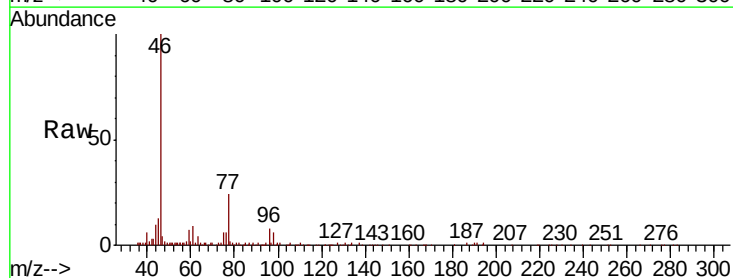
Instrument :
MSVOA_V
ClientSampleId :
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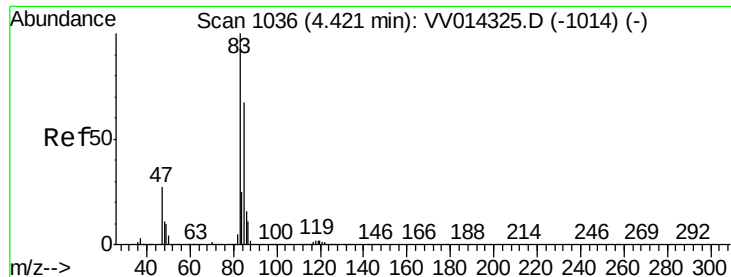
Tot Ion	Ratio	Lower	Upper
73	100		
43	15.3	14.7	22.1
57	21.3	17.9	26.9



#22
cis-1,2-Dichloroethene
Concen: 0.128 ug/L
RT: 3.97 min Scan# 896
Delta R.T. 0.01 min
Lab File: VV014337.D
Acq: 17 Jan 2020 14:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	116.0	90.6	168.3
68	5.7	0.3	0.7#

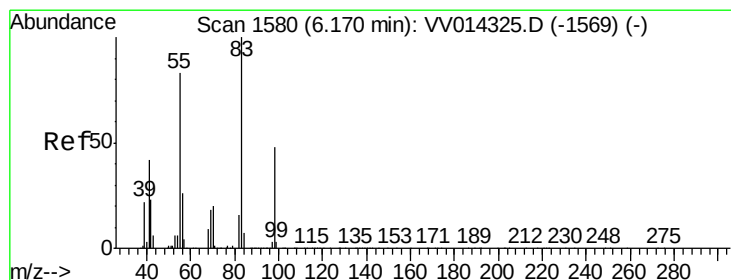
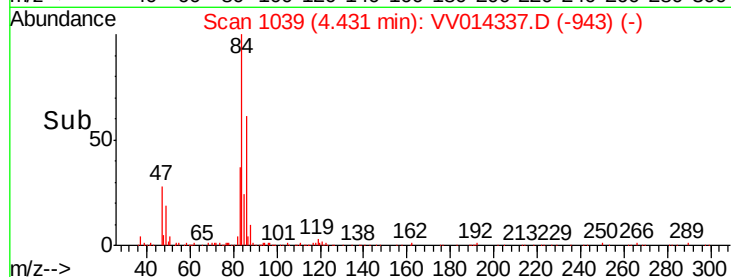
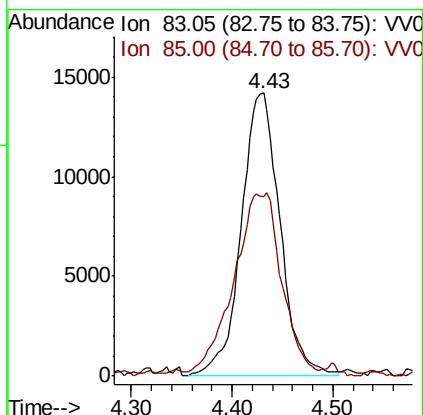
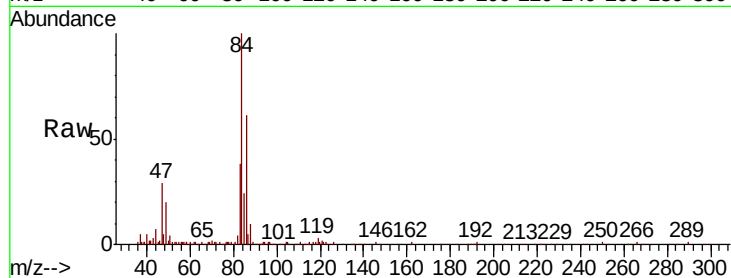




#25
Chloroform
Concen: 0.381 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV014337.D
Acq: 17 Jan 2020 14:48

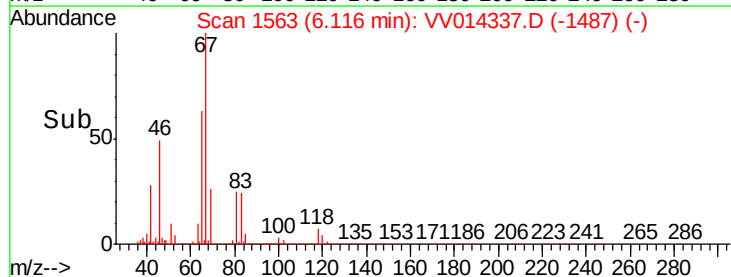
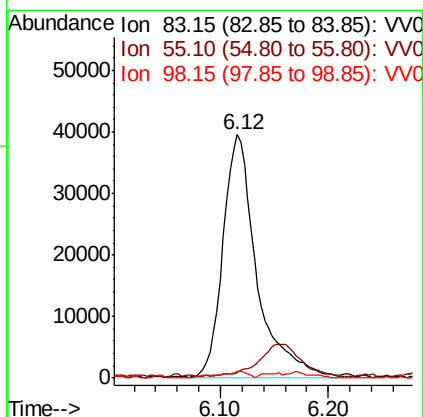
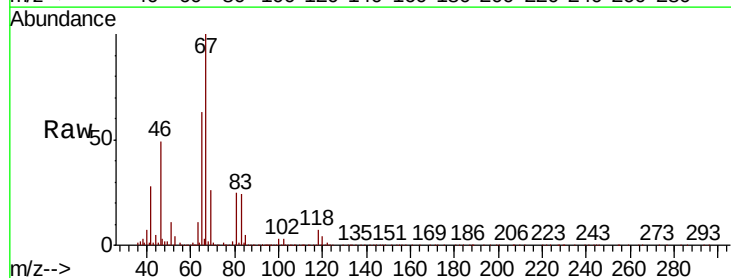
Instrument :
MSVOA_V
ClientSampleId :
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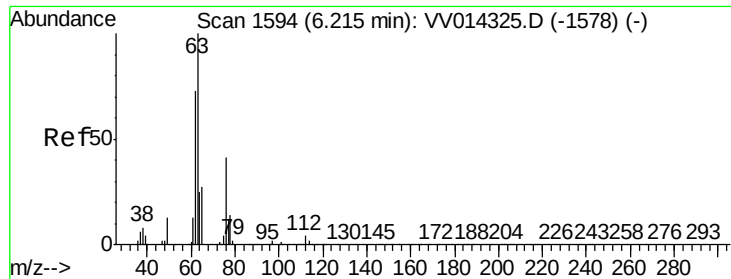
Tot Ion: 83 Resp: 37881
Ion Ratio Lower Upper
83 100
85 63.6 46.2 85.8



#35
Methylcyclohexane
Concen: 0.922 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV014337.D
Acq: 17 Jan 2020 14:48

Tgt Ion: 83 Resp: 85914
Ion Ratio Lower Upper
83 100
55 0.0 61.7 92.5#
98 1.8 38.1 57.1#

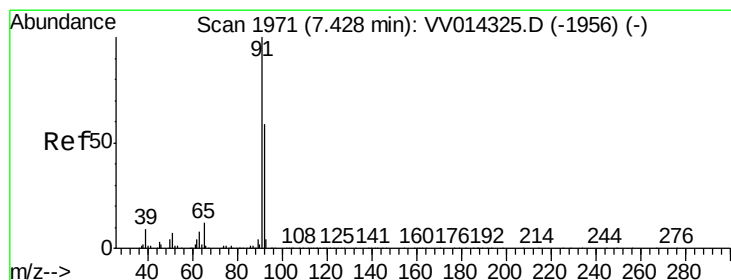
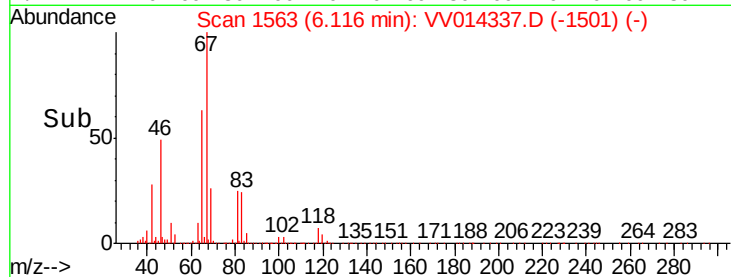
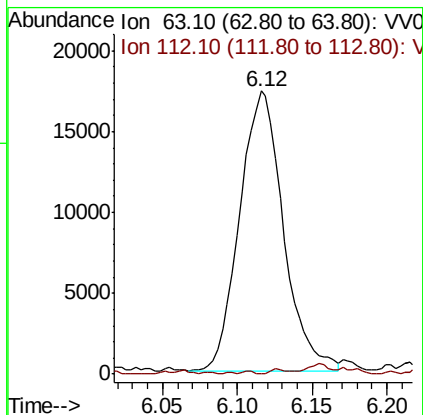
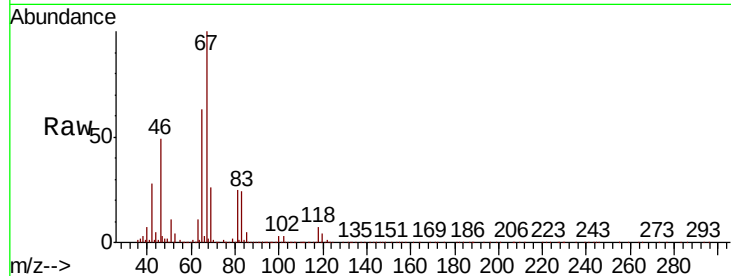




#37
 1,2-Dichloropropane
 Concen: 0.628 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV014337.D
 Acq: 17 Jan 2020 14:48

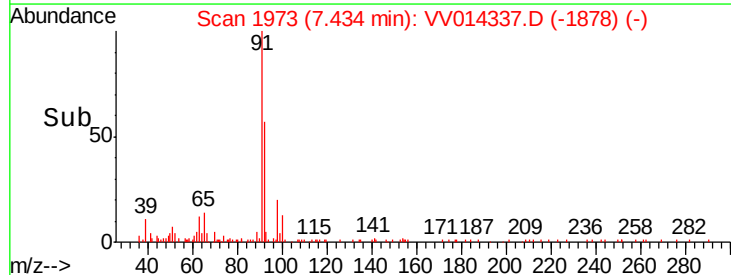
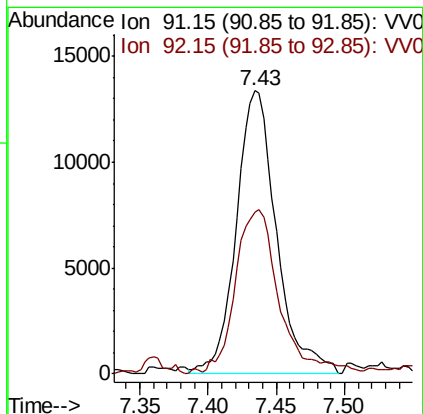
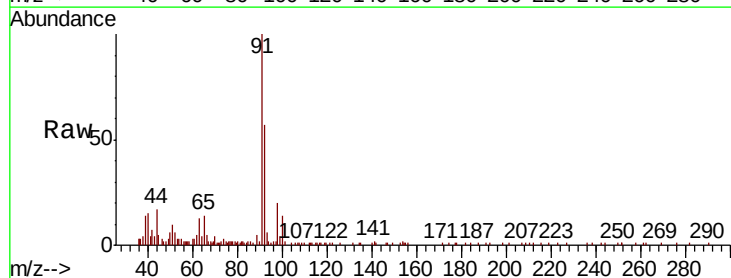
Instrument :
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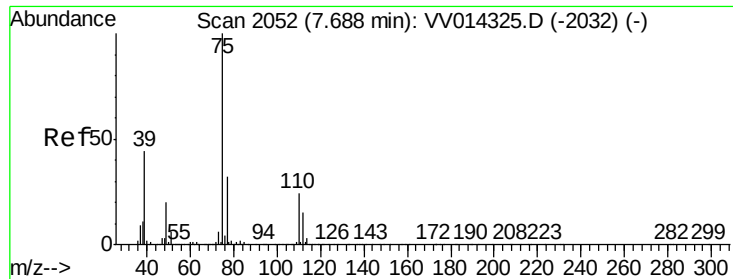
Tot Ion: 63 Resp: 35155
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.7 5.5#



#42
 Toluene
 Concen: 0.117 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VV014337.D
 Acq: 17 Jan 2020 14:48

Tgt Ion: 91 Resp: 27443
 Ion Ratio Lower Upper
 91 100
 92 57.0 41.2 76.6





#44

trans-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV014337.D

Acq: 17 Jan 2020 14:48

Instrument :

MSVOA_V

ClientSampleId :

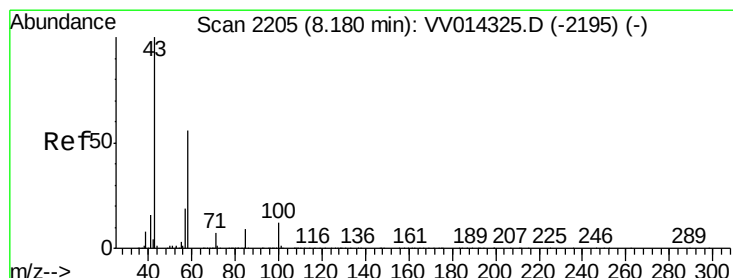
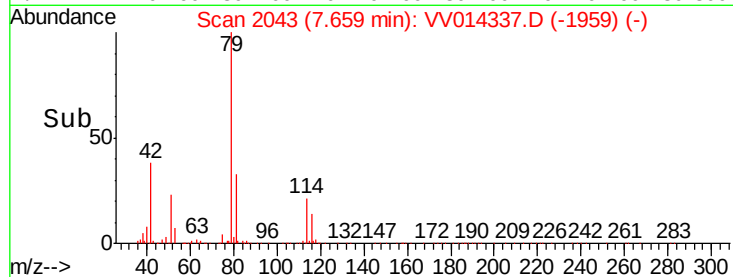
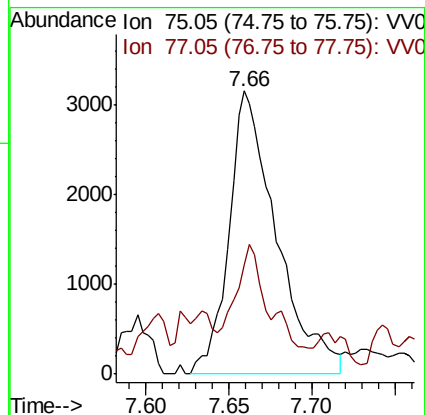
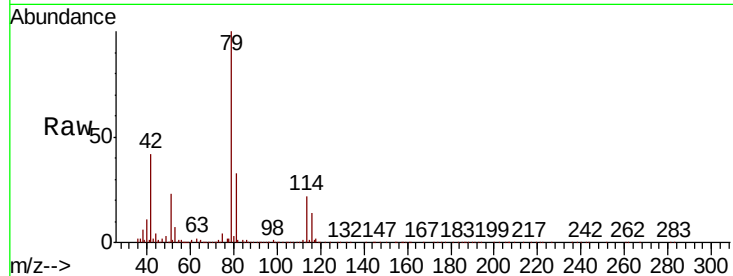
BF767

Tot Ion: 75 Resp: 6306

Ion Ratio Lower Upper

75 100

77 38.8 22.0 41.0



#48

2-Hexanone

Concen: 2.924 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV014337.D

Acq: 17 Jan 2020 14:48

Tgt Ion: 43 Resp: 71396

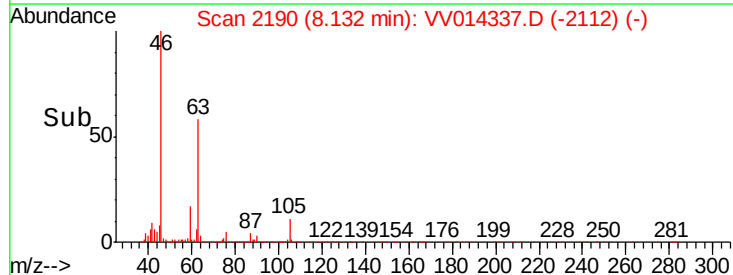
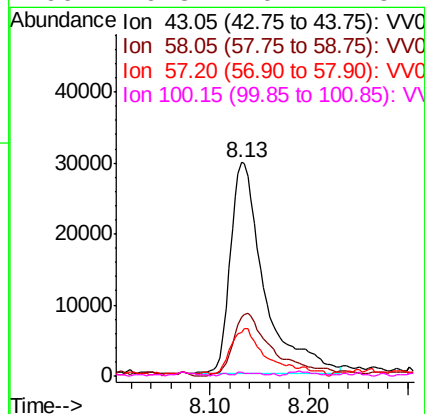
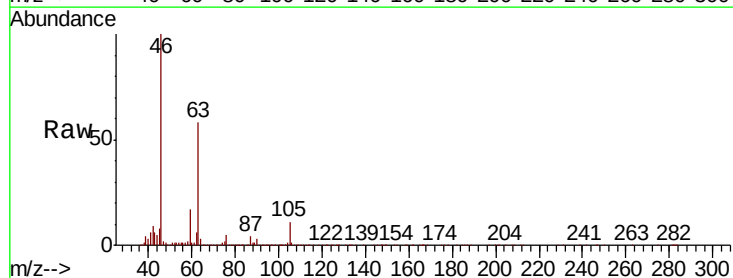
Ion Ratio Lower Upper

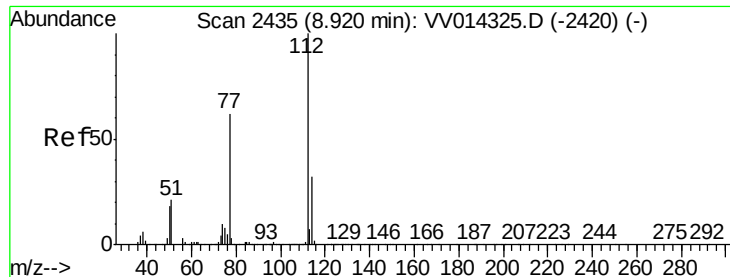
43 100

58 33.4 45.4 68.0#

57 20.3 15.8 23.8

100 0.3 10.2 15.4#





#51

Chlorobenzene

Concen: 1.279 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VV014337.D

Acq: 17 Jan 2020 14:48

Instrument :

MSVOA_V

ClientSampleId :

BF767

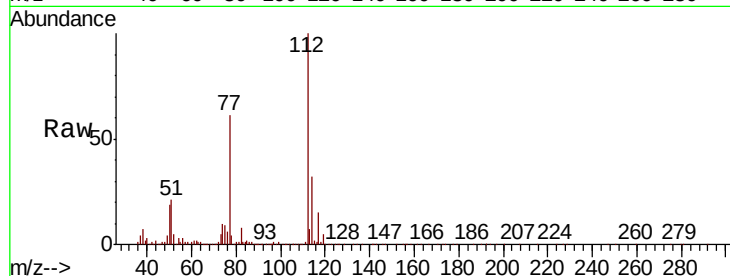
Tot Ion:112 Resp: 184244

Ion Ratio Lower Upper

112 100

114 31.9 22.5 41.7

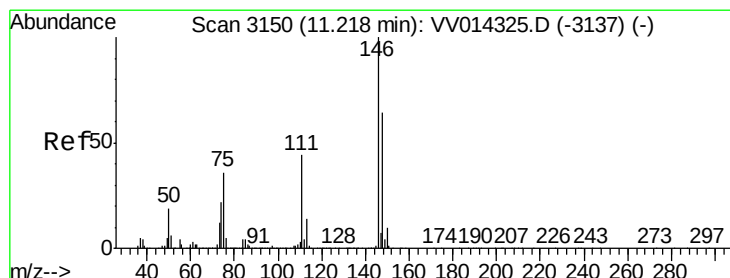
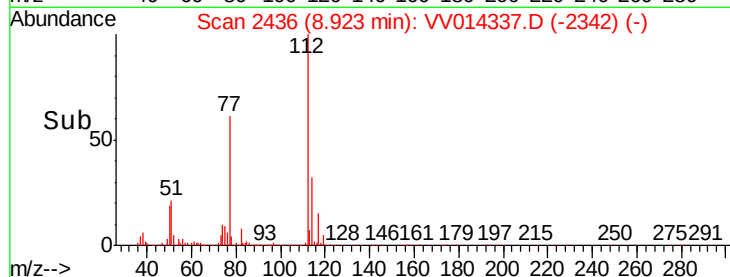
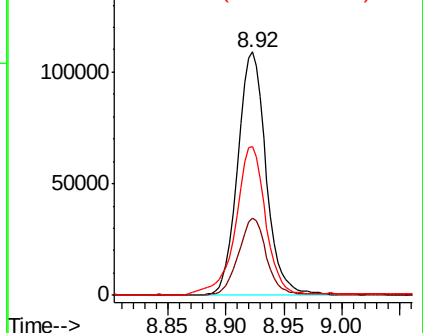
77 61.3 49.3 73.9



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V



#62

1,3-Dichlorobenzene

Concen: 0.966 ug/L

RT: 11.22 min Scan# 3152

Delta R.T. 0.01 min

Lab File: VV014337.D

Acq: 17 Jan 2020 14:48

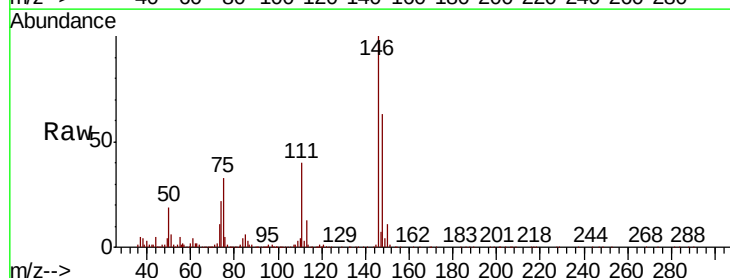
Tgt Ion:146 Resp: 101258

Ion Ratio Lower Upper

146 100

111 40.4 30.7 57.1

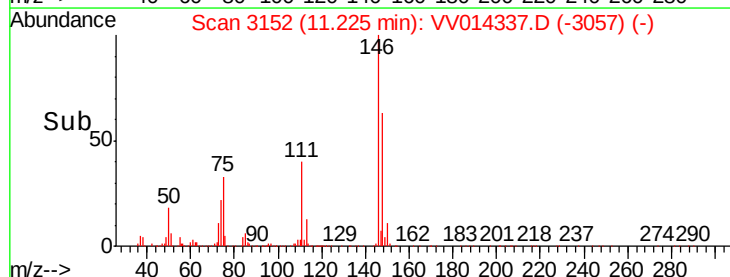
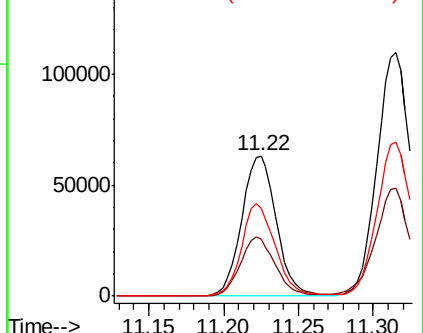
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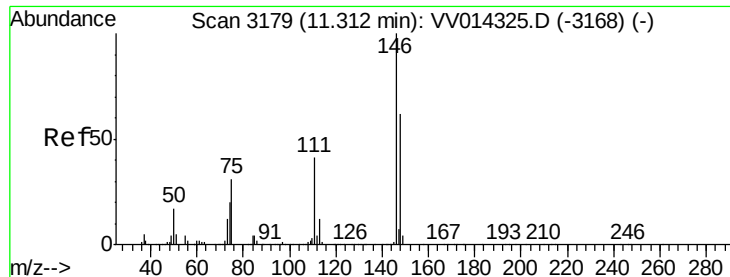


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

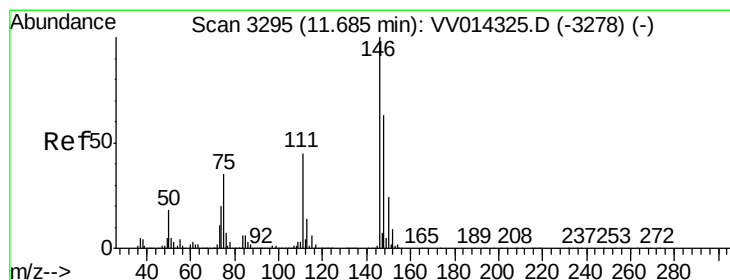
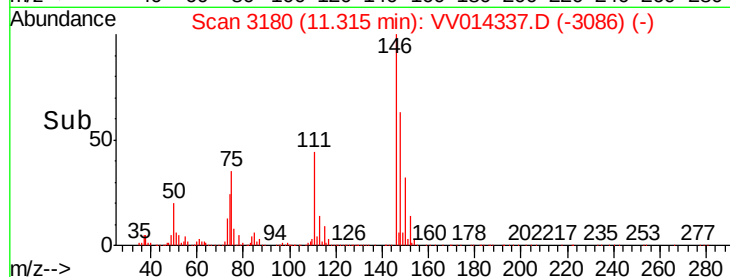
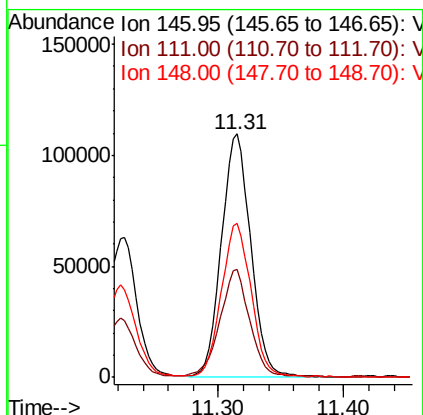
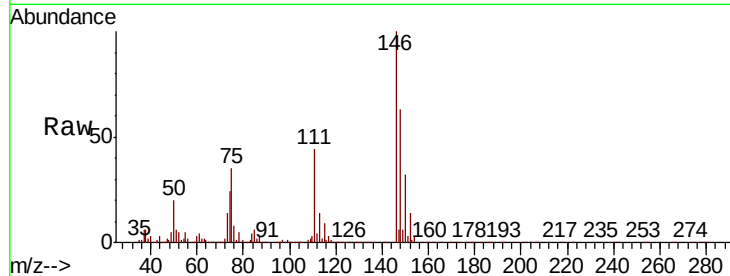




#63
 1,4-Dichlorobenzene
 Concen: 1.704 ug/L
 RT: 11.31 min Scan# 3180
 Delta R.T. 0.00 min
 Lab File: VV014337.D
 Acq: 17 Jan 2020 14:48

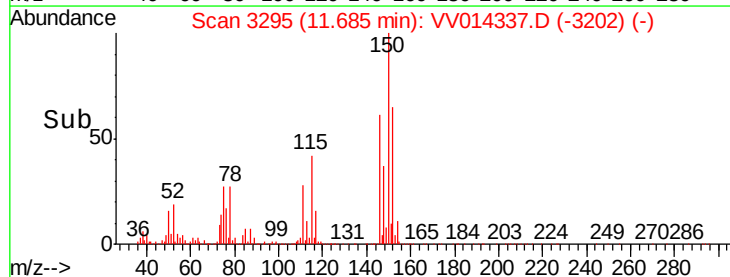
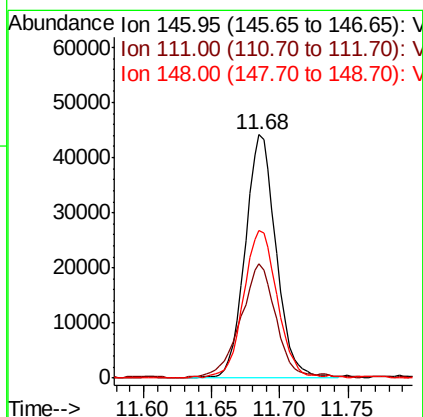
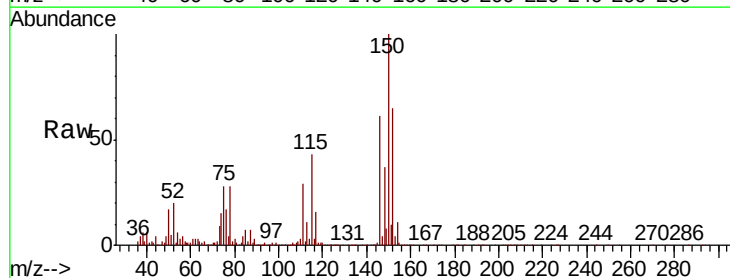
Instrument :
 MSVOA_V
 ClientSampled :
 BF767

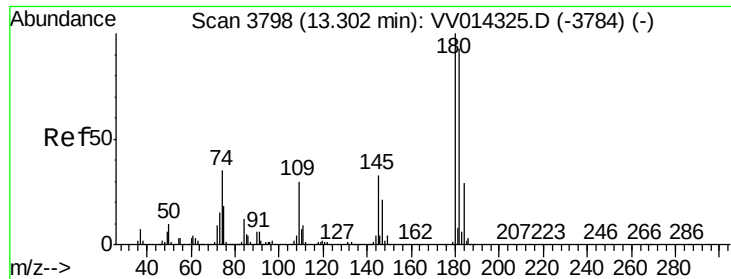
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.3	28.8	53.4
148	63.1	44.5	82.7



#65
 1,2-Dichlorobenzene
 Concen: 0.737 ug/L
 RT: 11.68 min Scan# 3295
 Delta R.T. -0.00 min
 Lab File: VV014337.D
 Acq: 17 Jan 2020 14:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.1	36.4	54.6
148	60.6	51.3	76.9





#68
 1,2,4-trichlorobenzene
 Concen: 0.914 ug/L
 RT: 13.31 min Scan# 3799
 Delta R.T. 0.00 min
 Lab File: VV014337.D
 Acq: 17 Jan 2020 14:48

Instrument :
 MSVOA_V
 ClientSampleId :
 BF767

Tot Ion:	180	Resp:	61092
Ion	Ratio	Lower	Upper
180	100		
182	97.4	75.2	112.8
145	35.4	26.2	39.4

