

Data File : VV013449.D
Acq On : 31 Oct 2019 15:57
Operator : SY/MD
Sample : VIBLK40
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK40

Quant Time: Nov 01 05:35:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR103119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 01 05:32:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	494228	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	521903	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	290271	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	113477	3.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.40%
7) Chloroethane-d5	1.58	69	97798	3.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.60%#
11) 1,1-Dichloroethene-d2	2.13	63	154902	2.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.60%#
20) 2-Butanone-d5	3.95	46	269143	23.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	47.70%
24) Chloroform-d	4.39	84	250561	2.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	57.40%#
26) 1,2-Dichloroethane-d4	5.08	65	130568	2.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	57.40%#
32) Benzene-d6	5.09	84	515442	2.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	59.80%#
36) 1,2-Dichloropropane-d6	6.11	67	163329	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	60.40%
41) Toluene-d8	7.36	98	454611	2.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	56.80%#
43) trans-1,3-Dichloropropene-	7.66	79	57243	2.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	52.80%#
46) 2-Hexanone-d5	8.13	63	185325	23.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	46.42%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	107188	2.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	51.60%#
64) 1,2-Dichlorobenzene-d4	11.67	152	192078	3.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	65.00%#

Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2701	0.073	ug/L #	71
14) Carbon disulfide	2.31	76	13508	0.125	ug/L #	94
16) Methylene chloride	2.53	84	13788	0.262	ug/L	97
25) Chloroform	4.42	83	17306	0.186	ug/L	93
27) 1,2-Dichloroethane	5.09	62	3540	0.068	ug/L	98
37) 1,2-Dichloropropane	6.11	63	18562	0.399	ug/L #	90
48) 2-Hexanone	8.19	43	31517	1.470	ug/L #	94
56) Isopropylbenzene	9.97	105	10768	0.054	ug/L #	94
62) 1,3-Dichlorobenzene	11.22	146	11549	0.123	ug/L	92
63) 1,4-Dichlorobenzene	11.31	146	14794	0.155	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	9500	0.110	ug/L #	92
67) 1,3,5-Trichlorobenzene	12.69	180	12990	0.172	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	16943	0.269	ug/L	95
69) Naphthalene	13.55	128	30016	0.325	ug/L #	95
70) 1,2,3-Trichlorobenzene	13.79	180	14994	0.258	ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103119\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 01 05:32:11 2019
Response via : Initial Calibration

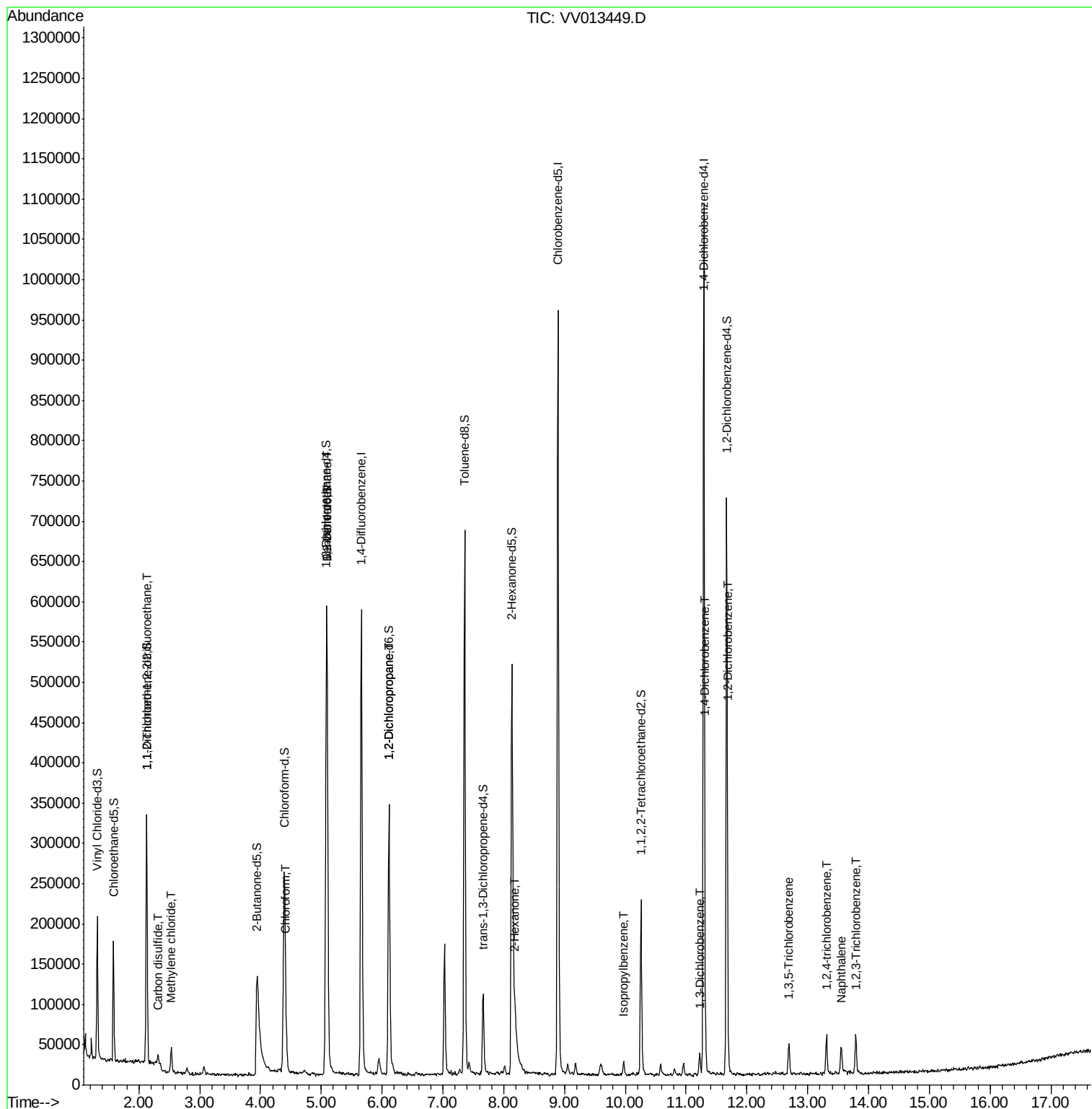
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

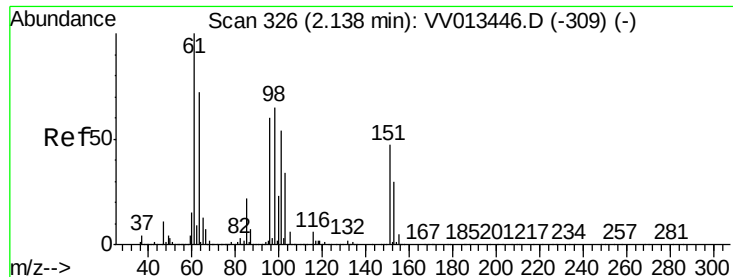
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Response via : Initial Calibration





#10

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

Concen: 0.073 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV013449.D

Acq: 31 Oct 2019 15:57

Instrument :

MSVOA_V

ClientSampleId :

VIBLK40

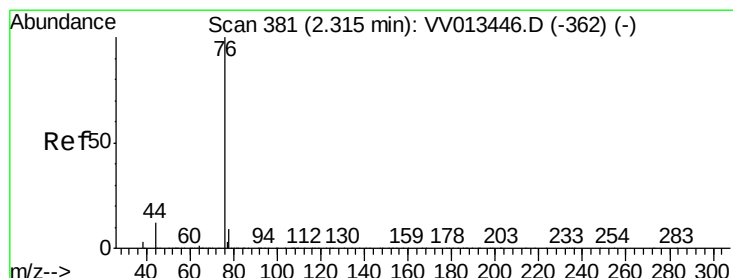
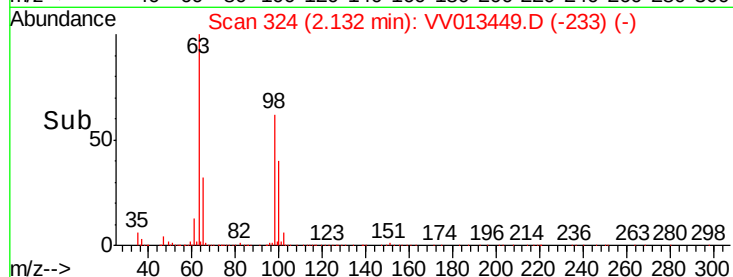
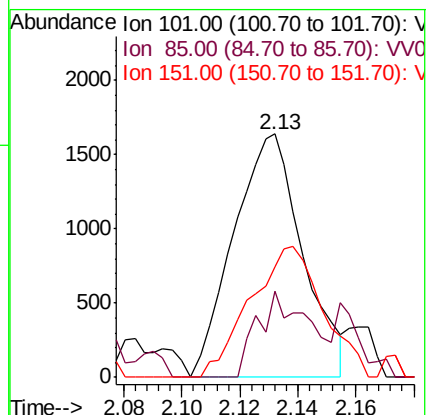
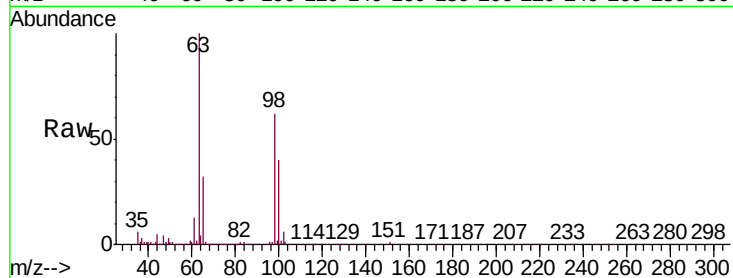
Tgt Ion:101 Resp: 2701

Ion Ratio Lower Upper

101 100

85 26.5 33.1 49.7#

151 56.8 68.8 103.2#



#14

Carbon disulfide

Concen: 0.125 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV013449.D

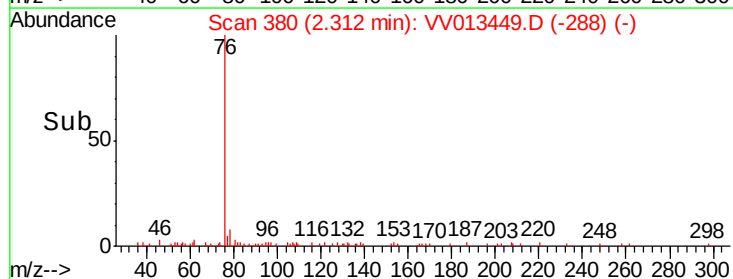
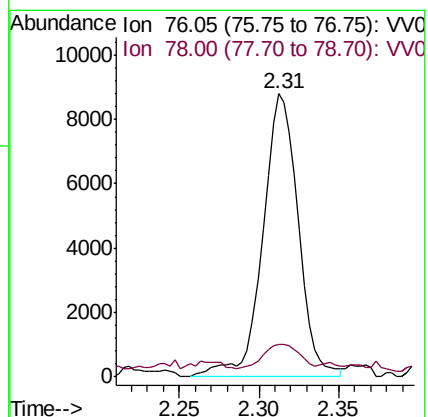
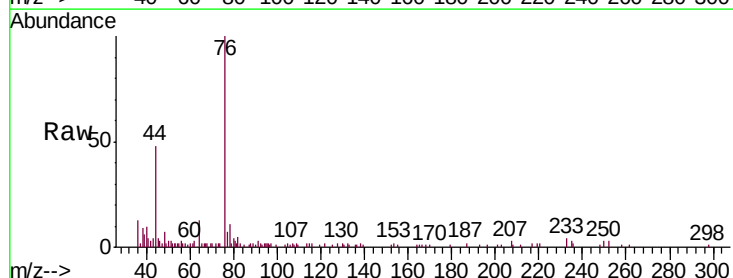
Acq: 31 Oct 2019 15:57

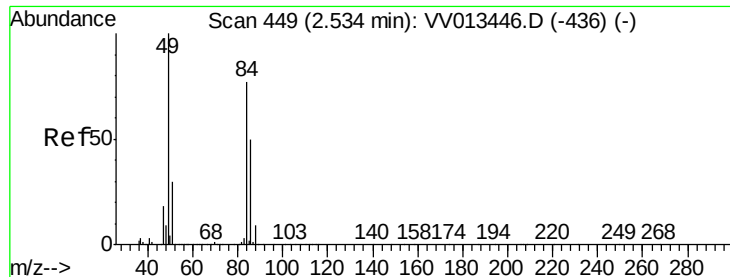
Tgt Ion: 76 Resp: 13508

Ion Ratio Lower Upper

76 100

78 11.5 7.4 11.0#

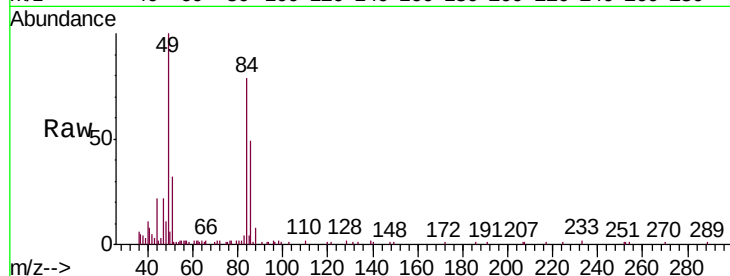




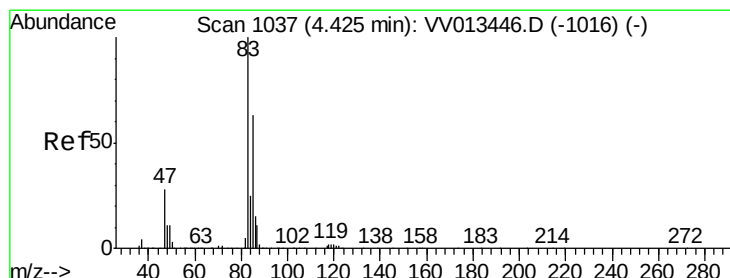
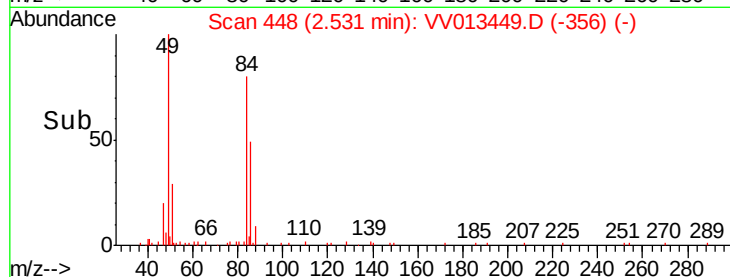
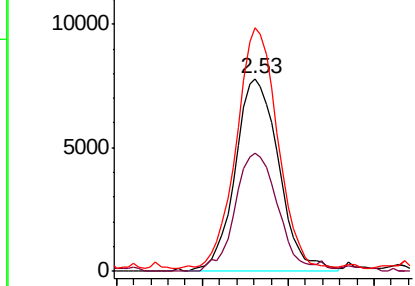
#16
Methylene chloride
Concen: 0.262 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV013449.D
Acq: 31 Oct 2019 15:57

Instrument :
MSVOA_V
ClientSampleId :
VIBLK40

Tgt Ion: 84 Resp: 13788
Ion Ratio Lower Upper
84 100
86 61.5 45.3 84.1
49 126.4 90.4 168.0

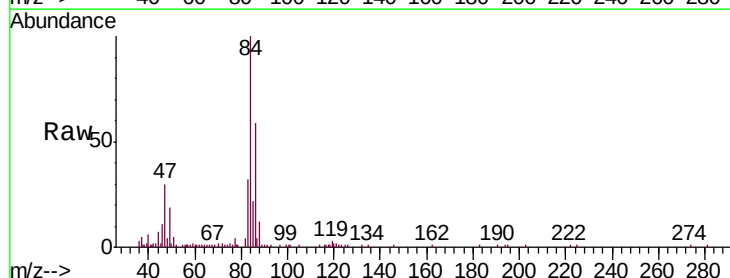


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

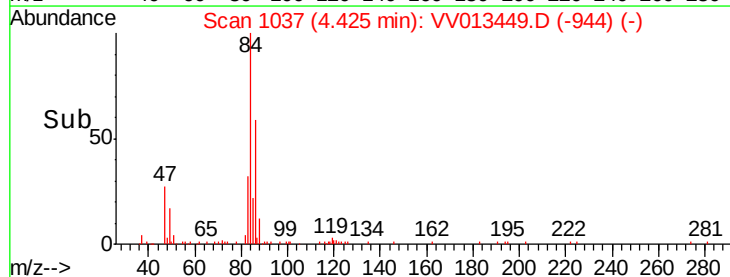
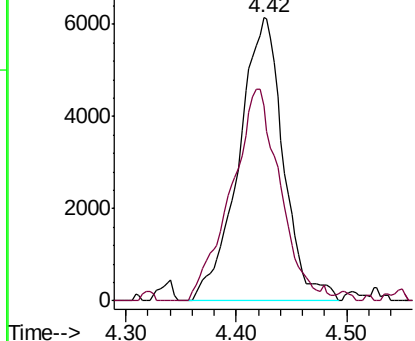


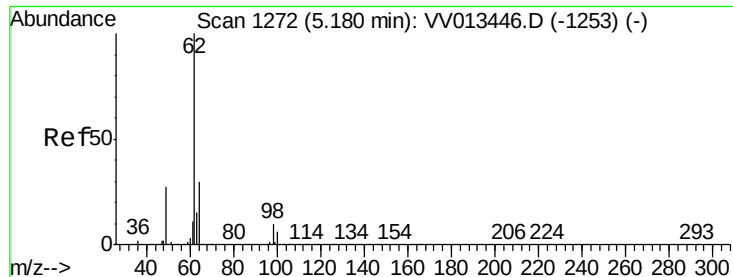
#25
Chloroform
Concen: 0.186 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV013449.D
Acq: 31 Oct 2019 15:57

Tgt Ion: 83 Resp: 17306
Ion Ratio Lower Upper
83 100
85 68.8 44.1 81.9



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

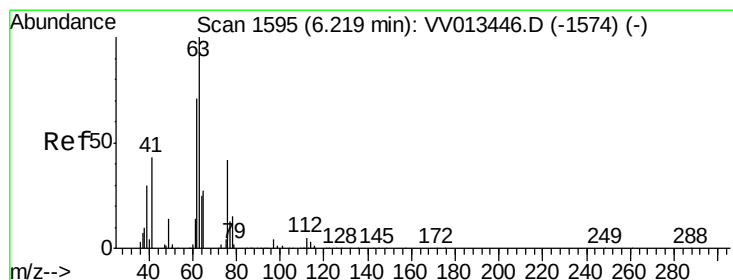
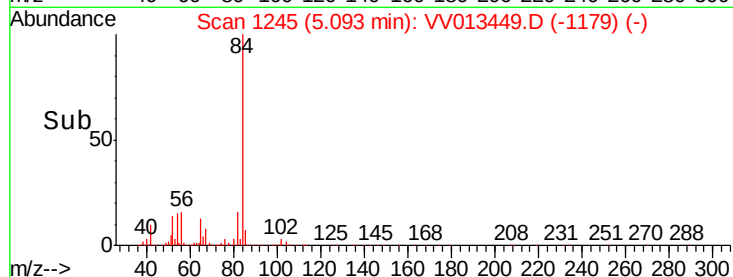
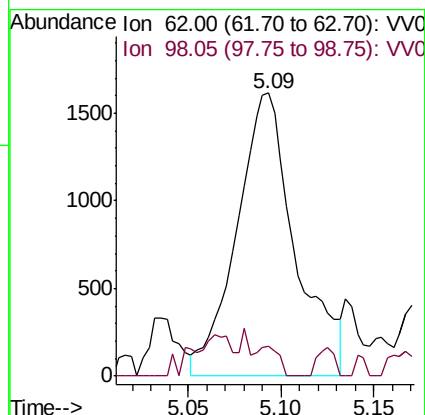
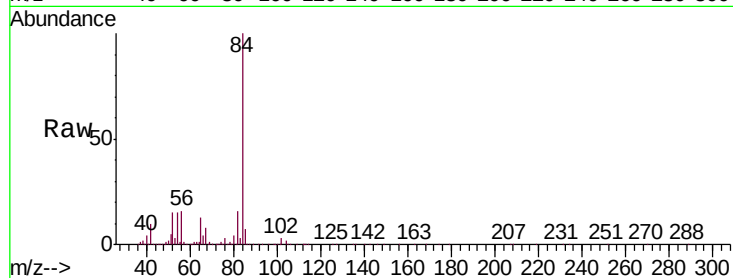




#27
 1,2-Dichloroethane
 Concen: 0.068 ug/L
 RT: 5.09 min Scan# 1245
 Delta R.T. -0.09 min
 Lab File: VV013449.D
 Acq: 31 Oct 2019 15:57

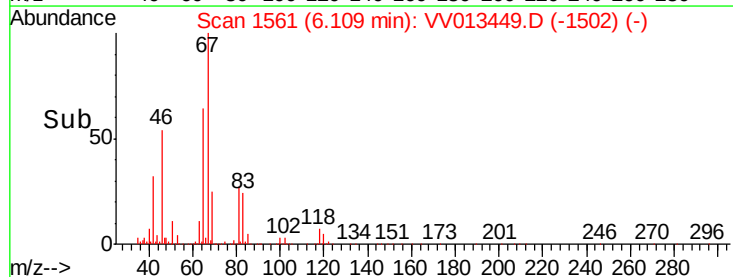
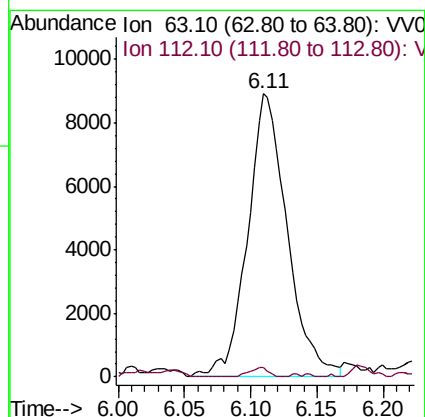
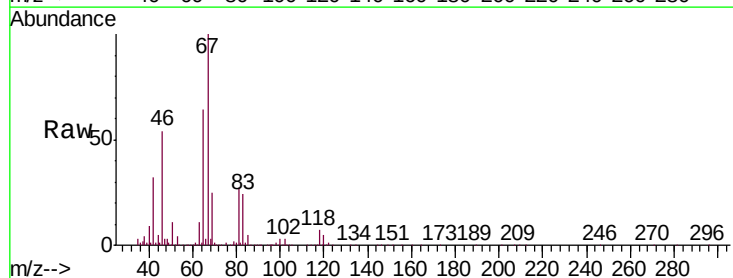
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK40

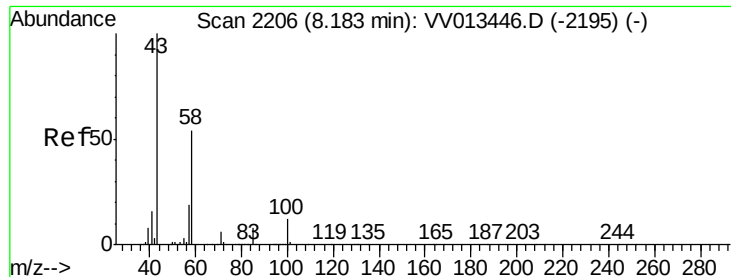
Tgt Ion: 62 Resp: 3540
 Ion Ratio Lower Upper
 62 100
 98 10.5 7.7 11.5



#37
 1,2-Dichloropropane
 Concen: 0.399 ug/L
 RT: 6.11 min Scan# 1561
 Delta R.T. -0.11 min
 Lab File: VV013449.D
 Acq: 31 Oct 2019 15:57

Tgt Ion: 63 Resp: 18562
 Ion Ratio Lower Upper
 63 100
 112 1.6 3.8 5.8#

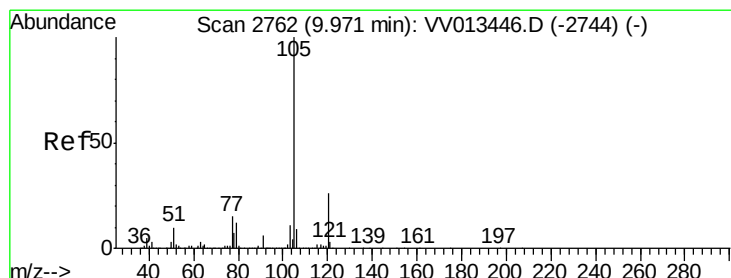
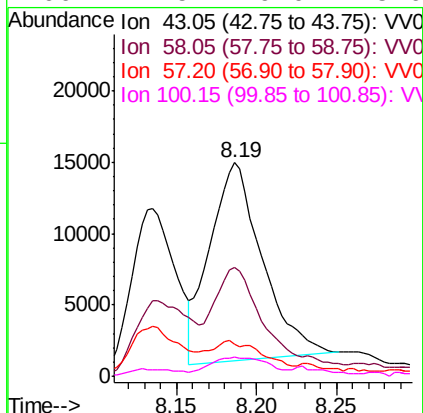
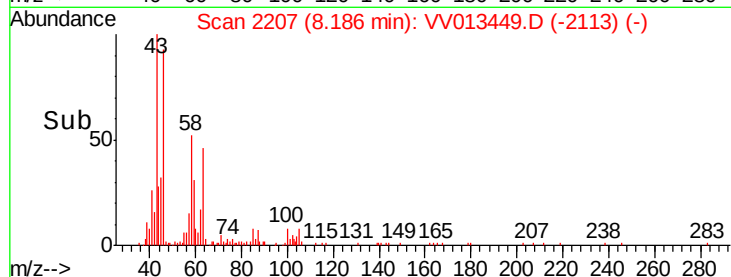
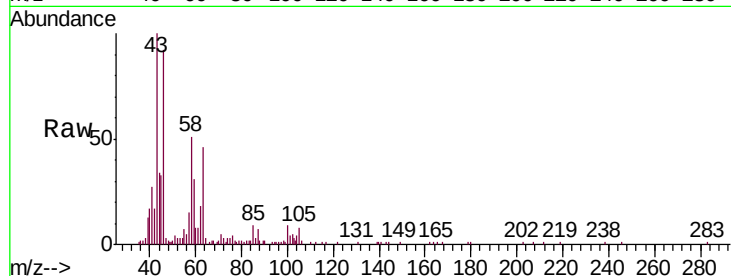




#48
2-Hexanone
Concen: 1.470 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV013449.D
Acq: 31 Oct 2019 15:57

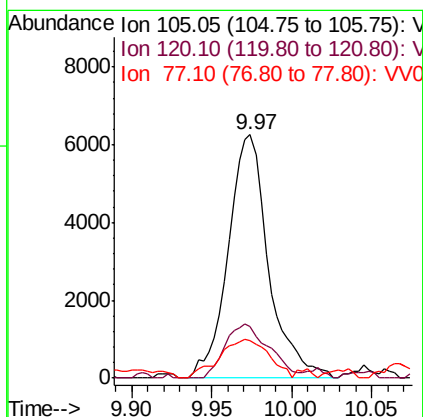
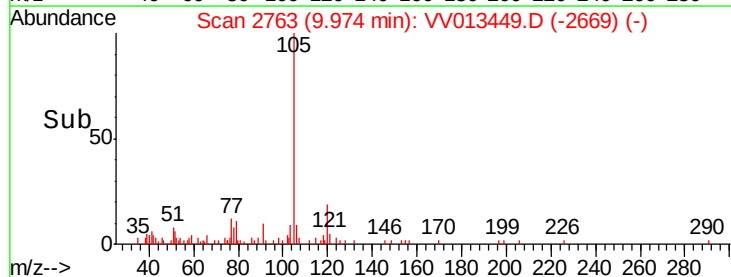
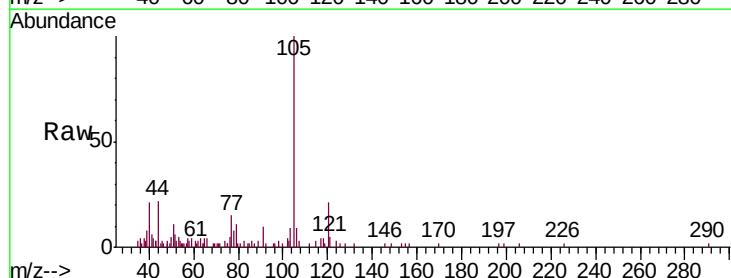
Instrument :
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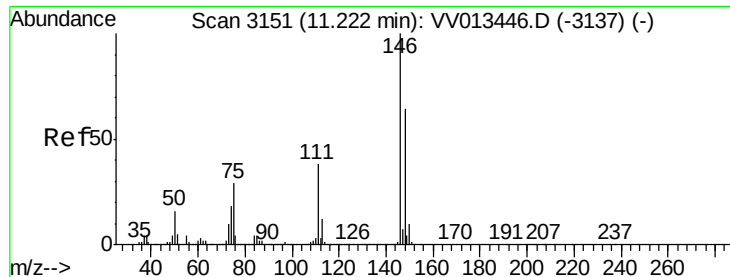
Tgt Ion: 43 Resp: 31517
Ion Ratio Lower Upper
43 100
58 48.5 42.2 63.4
57 16.4 14.9 22.3
100 7.5 9.0 13.6#



#56
Isopropylbenzene
Concen: 0.054 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
Lab File: VV013449.D
Acq: 31 Oct 2019 15:57

Tgt Ion: 105 Resp: 10768
Ion Ratio Lower Upper
105 100
120 24.2 21.1 31.7
77 19.5 12.2 18.4#





#62

1,3-Dichlorobenzene

Concen: 0.123 ug/L

RT: 11.22 min Scan# 3152

Delta R.T. 0.00 min

Lab File: VV013449.D

Acq: 31 Oct 2019 15:57

Instrument :

MSVOA_V

ClientSampleId :

VIBLK40

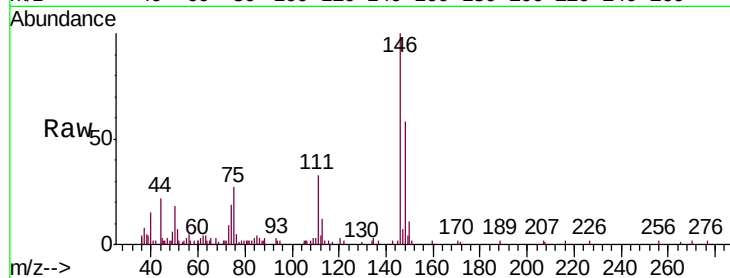
Tgt Ion:146 Resp: 11549

Ion Ratio Lower Upper

146 100

111 33.2 26.2 48.8

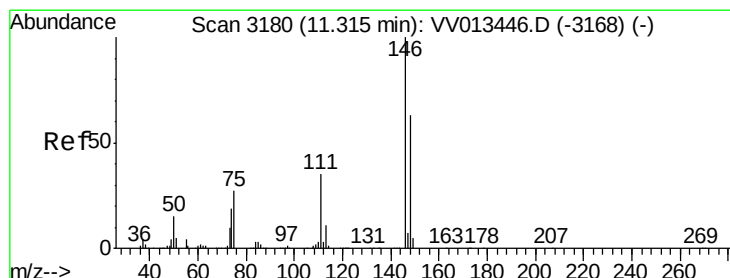
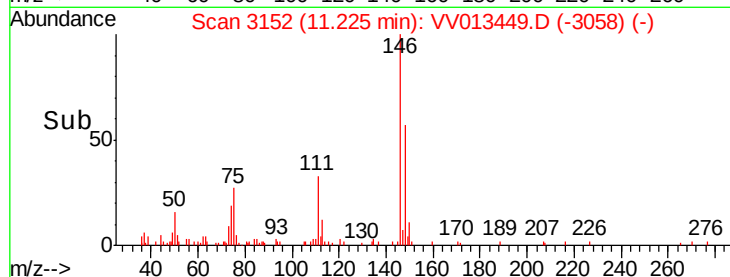
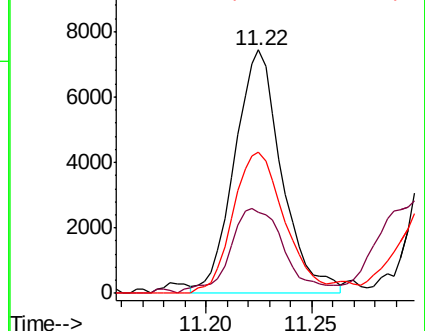
148 57.9 44.9 83.5



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: 0.155 ug/L

RT: 11.31 min Scan# 3180

Delta R.T. 0.00 min

Lab File: VV013449.D

Acq: 31 Oct 2019 15:57

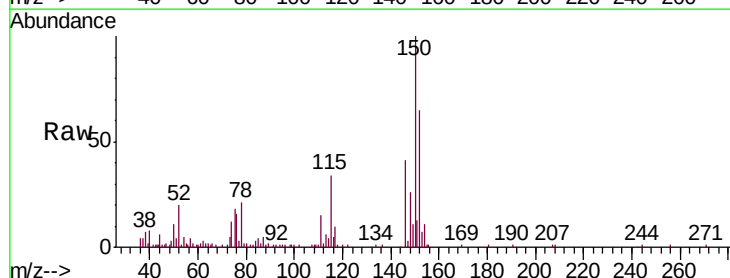
Tgt Ion:146 Resp: 14794

Ion Ratio Lower Upper

146 100

111 36.2 24.7 45.9

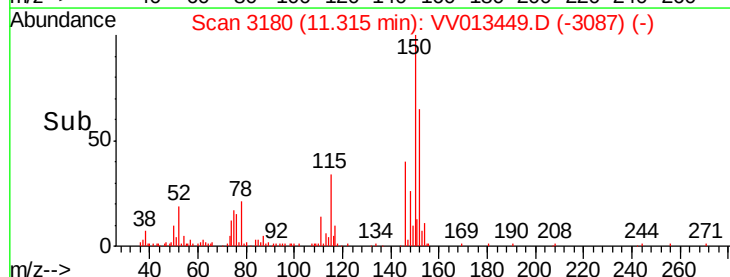
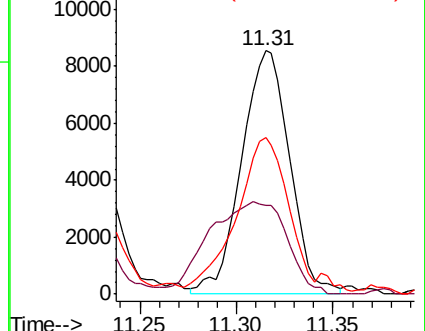
148 64.2 44.2 82.0

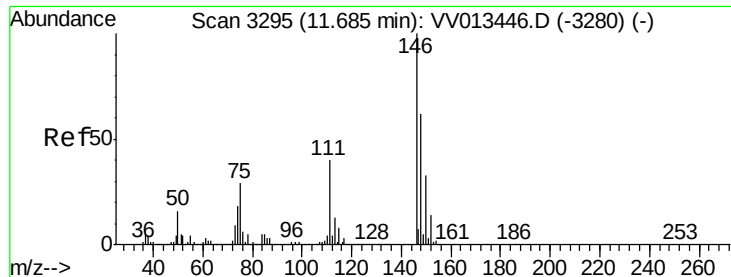


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

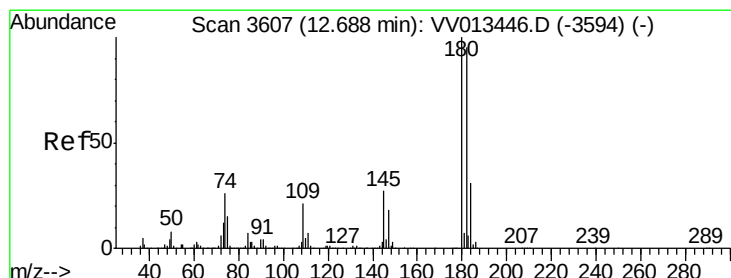
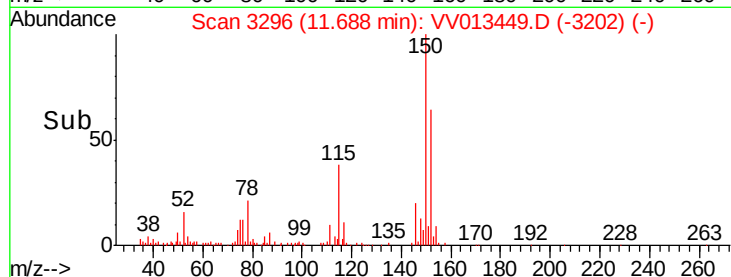
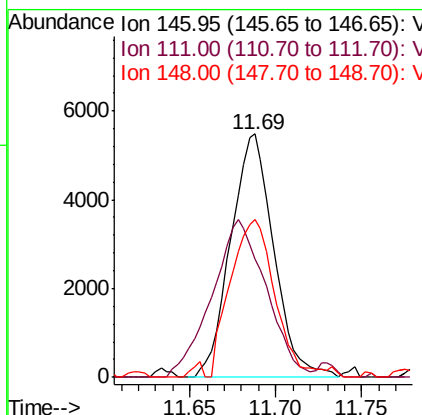
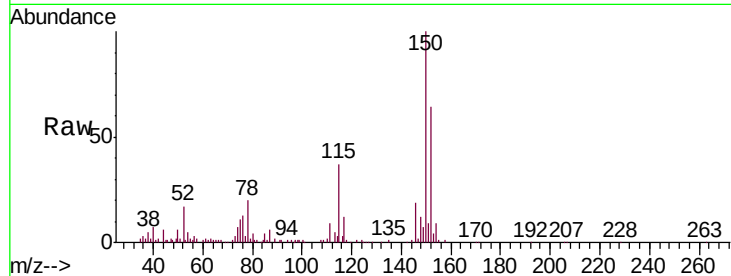




#65
 1,2-Dichlorobenzene
 Concen: 0.110 ug/L
 RT: 11.69 min Scan# 3296
 Delta R.T. 0.00 min
 Lab File: VV013449.D
 Acq: 31 Oct 2019 15:57

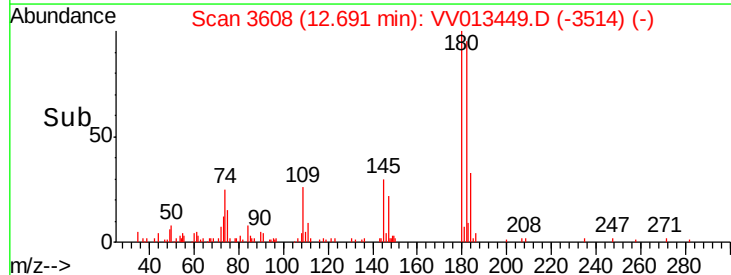
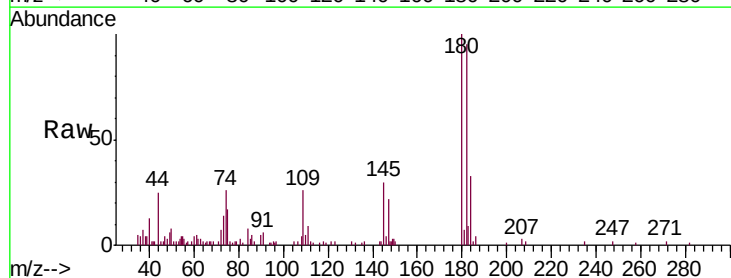
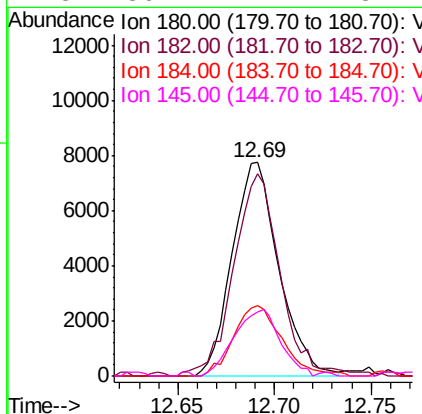
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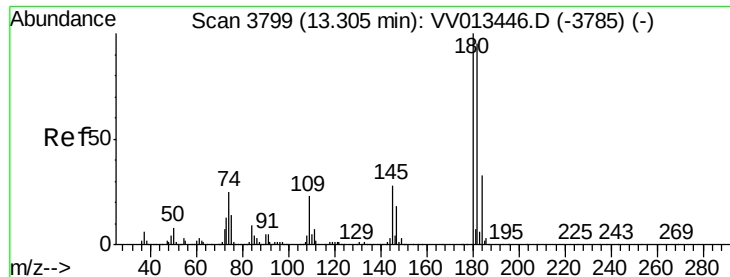
Tgt Ion:146 Resp: 9500
 Ion Ratio Lower Upper
 146 100
 111 48.4 31.8 47.6#
 148 64.6 49.5 74.3



#67
 1,3,5-Trichlorobenzene
 Concen: 0.172 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. 0.00 min
 Lab File: VV013449.D
 Acq: 31 Oct 2019 15:57

Tgt Ion:180 Resp: 12990
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.1 114.1
 184 34.0 24.5 36.7
 145 30.7 21.4 32.2

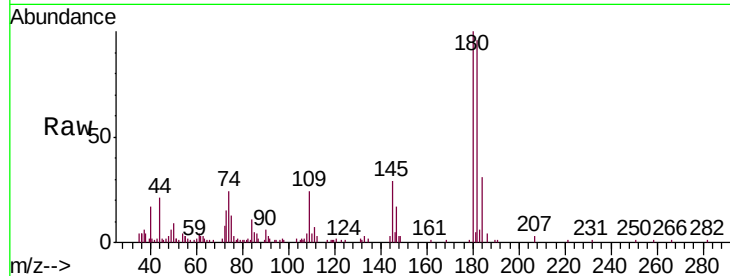




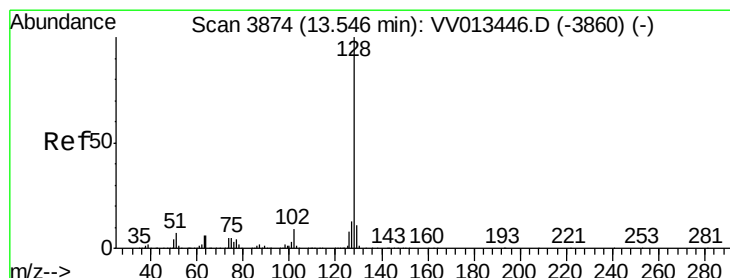
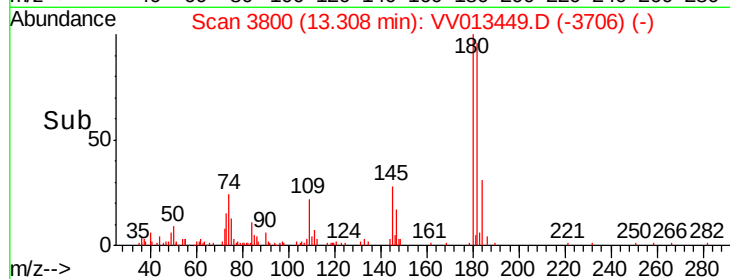
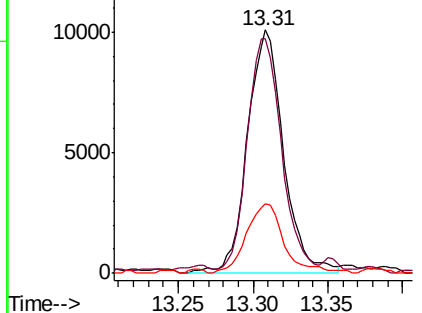
#68
 1,2,4-trichlorobenzene
 Concen: 0.269 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV013449.D
 Acq: 31 Oct 2019 15:57

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK40

Tgt Ion:180 Resp: 16943
 Ion Ratio Lower Upper
 180 100
 182 90.1 76.1 114.1
 145 29.8 22.1 33.1

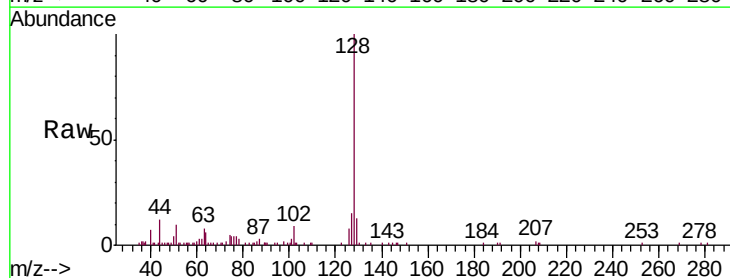


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

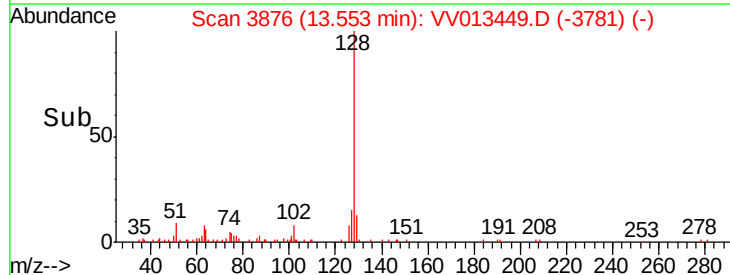
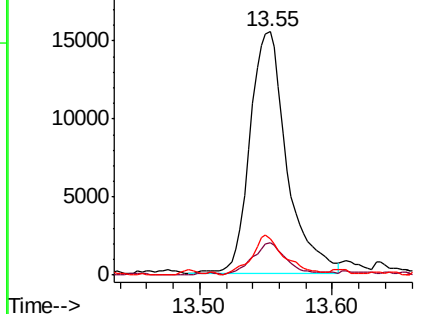


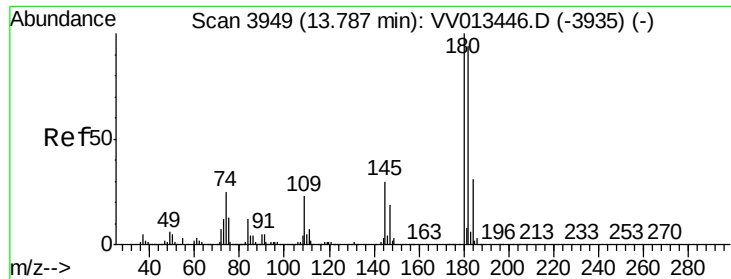
#69
 Naphthalene
 Concen: 0.325 ug/L
 RT: 13.55 min Scan# 3876
 Delta R.T. 0.01 min
 Lab File: VV013449.D
 Acq: 31 Oct 2019 15:57

Tgt Ion:128 Resp: 30016
 Ion Ratio Lower Upper
 128 100
 129 12.7 8.4 12.6#
 127 15.0 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V





#70

1,2,3-Trichlorobenzene

Concen: 0.258 ug/L

RT: 13.79 min Scan# 3950

Delta R.T. 0.00 min

Lab File: VV013449.D

Acq: 31 Oct 2019 15:57

Instrument :

MSVOA_V

ClientSampleId :

VIBLK40

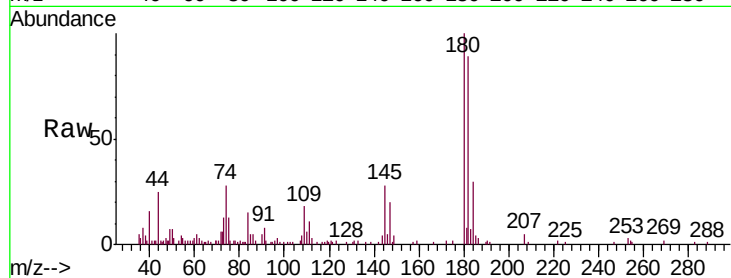
Tgt Ion:180 Resp: 14994

Ion Ratio Lower Upper

180 100

182 99.7 77.4 116.2

145 31.8 24.1 36.1



Abundance

Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

