

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120219\
 Data File : VV013871.D
 Acq On : 02 Dec 2019 15:12
 Operator : SY/MD
 Sample : VV1202WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 03 03:05:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 03 02:59:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	699773	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	637453	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	303532	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	188991	46.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.40%
7) Chloroethane-d5	1.58	69	201143	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.22%
11) 1,1-Dichloroethene-d2	2.22	63	220	0.02	ug/L	0.09
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	3.92	46	300962	105.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.65%
24) Chloroform-d	4.40	84	400602	47.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.26%
26) 1,2-Dichloroethane-d4	5.08	65	263272	48.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.76%
32) Benzene-d6	5.09	84	849258	51.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.82%
36) 1,2-Dichloropropane-d6	6.11	67	251097	50.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.28%
41) Toluene-d8	7.35	98	739303	49.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.66	79	115212	47.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.50%
47) 2-Hexanone-d5	8.13	63	195083	105.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.37%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	327360	45.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	314338	52.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.46%

Target Compounds

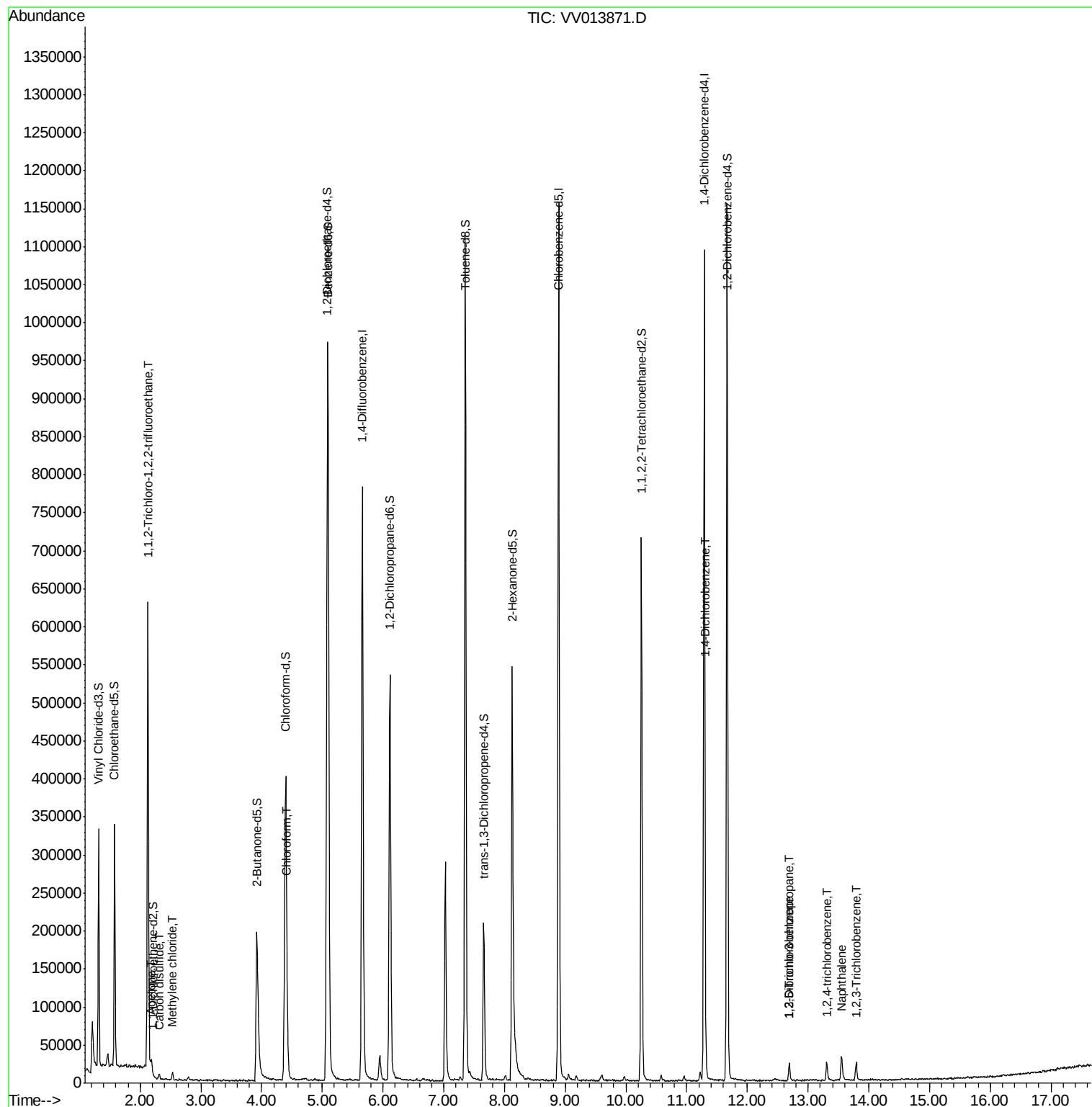
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	4206	0.799 ug/L #	17
13) Acetone	2.19	43	8513	2.039 ug/L	91
14) Carbon disulfide	2.32	76	8062	0.601 ug/L #	94
16) Methylene chloride	2.53	84	4454	0.841 ug/L	89
25) Chloroform	4.42	83	20833	2.175 ug/L	96
63) 1,4-Dichlorobenzene	11.31	146	7004	0.680 ug/L	91
66) 1,2-Dibromo-3-chloropropan	12.69	75	1322	0.955 ug/L #	1
67) 1,3,5-Trichlorobenzene	12.69	180	7235	0.895 ug/L	96
68) 1,2,4-trichlorobenzene	13.31	180	8648	1.185 ug/L	97
69) Naphthalene	13.55	128	28330	1.478 ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	8285	1.086 ug/L	95

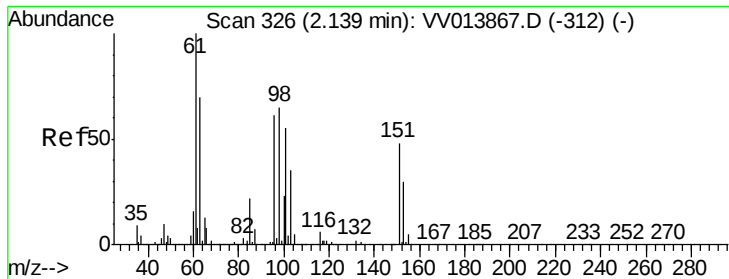
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV120219\
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Quant Time: Dec 03 03:05:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 03 02:59:26 2019
Response via : Initial Calibration





#10

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

Concen: 0.799 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013871.D

Acq: 02 Dec 2019 15:12

Instrument :

MSVOA_V

ClientSampleId :

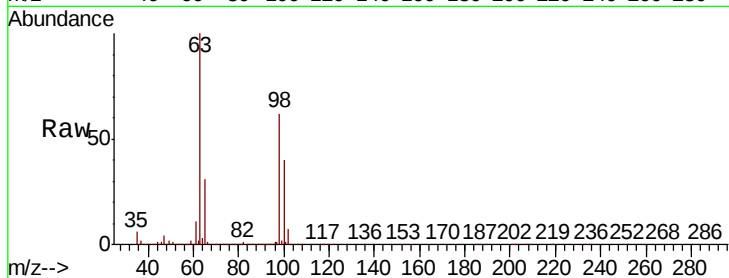
Tot Ion:101 Resp: 4206

Ion Ratio Lower Upper

101 100

85 3.6 32.5 48.7#

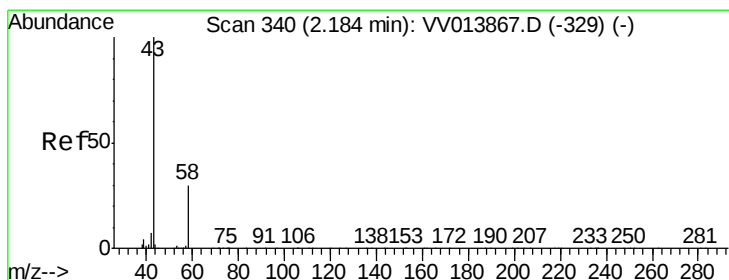
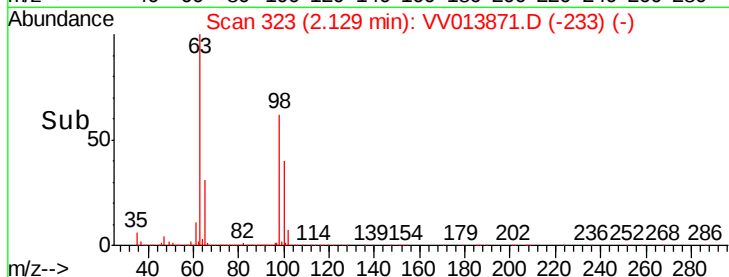
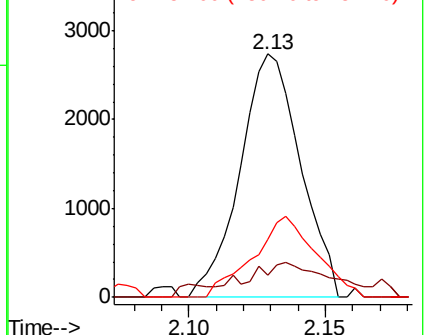
151 0.0 69.8 104.6#



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



#13

Acetone

Concen: 2.039 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV013871.D

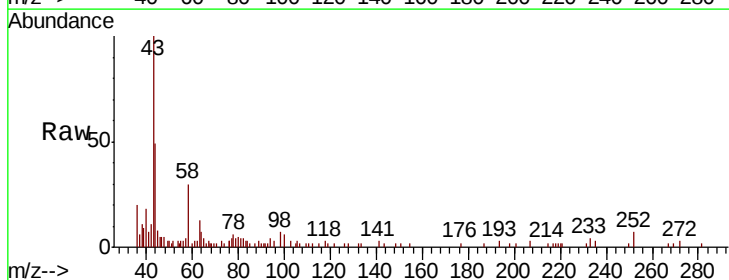
Acq: 02 Dec 2019 15:12

Tgt Ion: 43 Resp: 8513

Ion Ratio Lower Upper

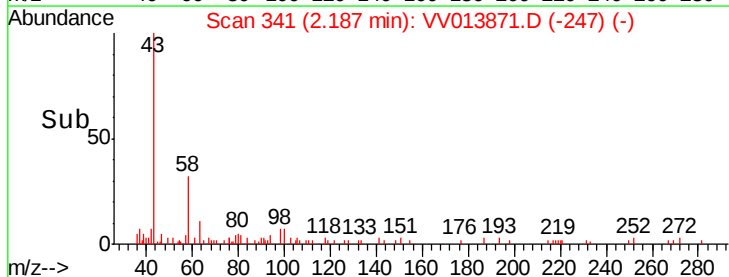
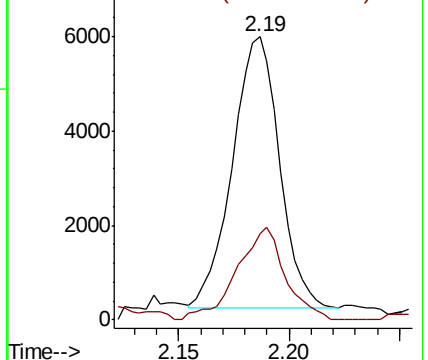
43 100

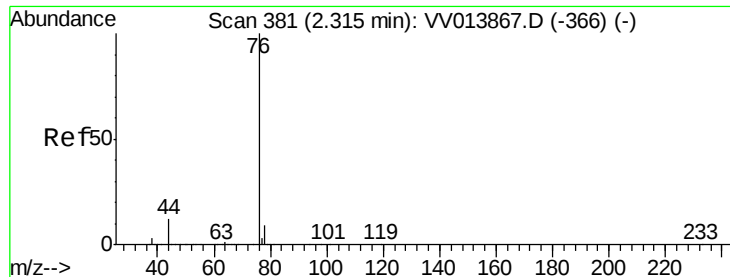
58 35.2 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#14

Carbon disulfide

Concen: 0.601 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV013871.D

Acq: 02 Dec 2019 15:12

Instrument :

MSVOA_V

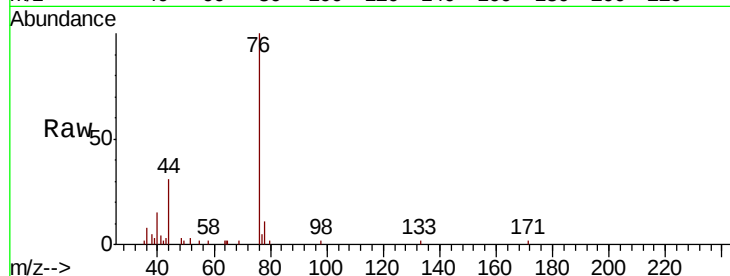
ClientSampleId :

Tot Ion: 76 Resp: 8062

Ion Ratio Lower Upper

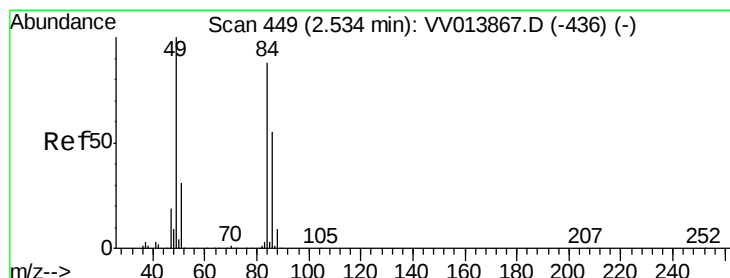
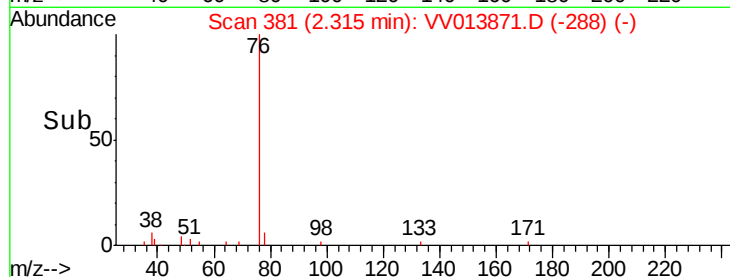
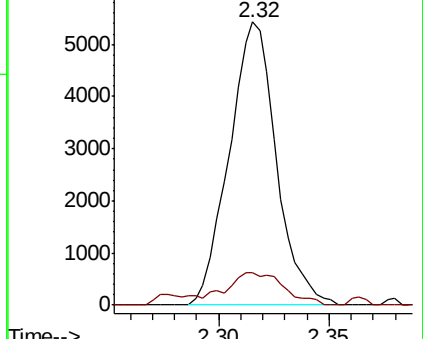
76 100

78 11.3 7.2 10.8#



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0



#16

Methylene chloride

Concen: 0.841 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

Lab File: VV013871.D

Acq: 02 Dec 2019 15:12

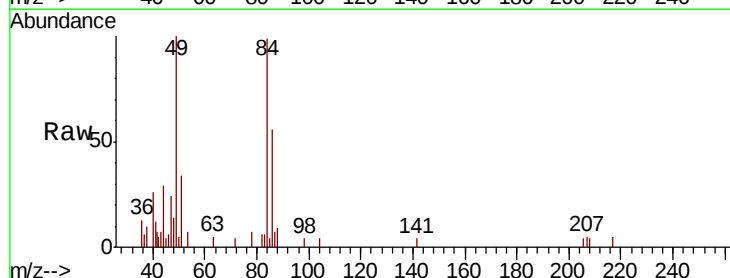
Tgt Ion: 84 Resp: 4454

Ion Ratio Lower Upper

84 100

86 56.1 43.9 81.5

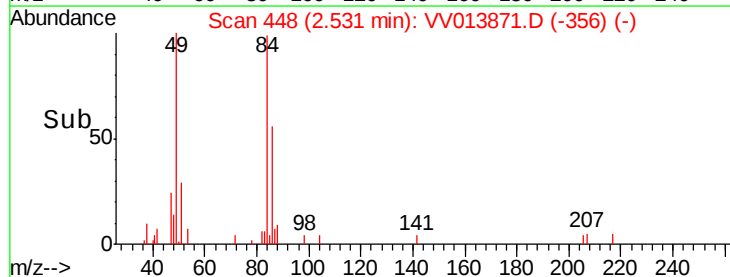
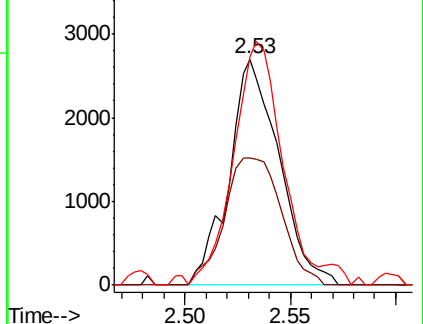
49 100.9 79.7 147.9

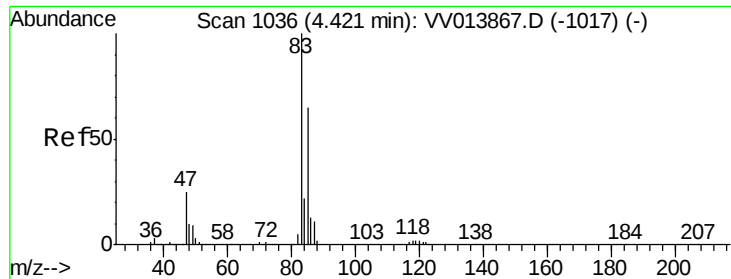


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

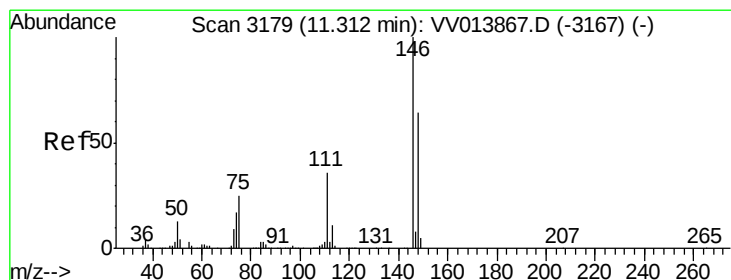
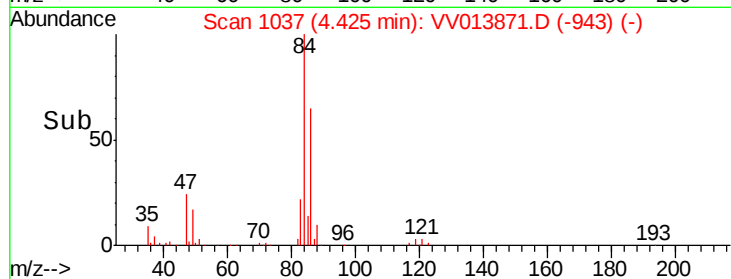
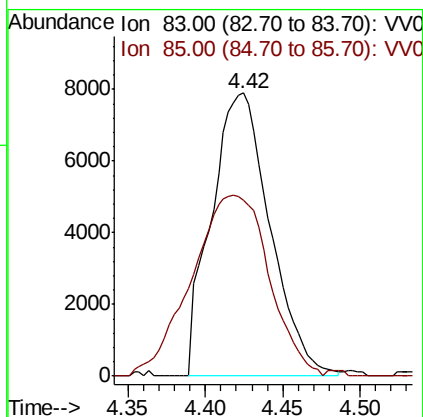
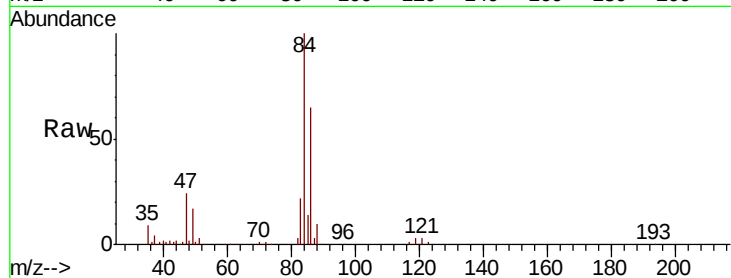




#25
Chloroform
Concen: 2.175 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV013871.D
Acq: 02 Dec 2019 15:12

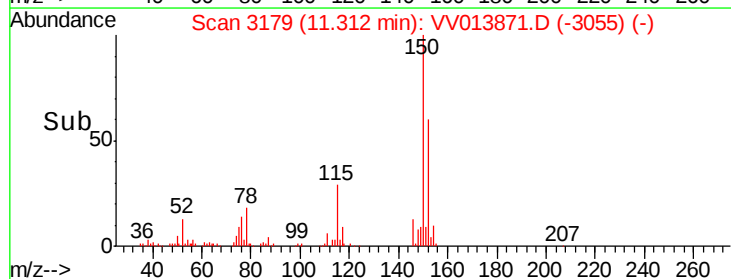
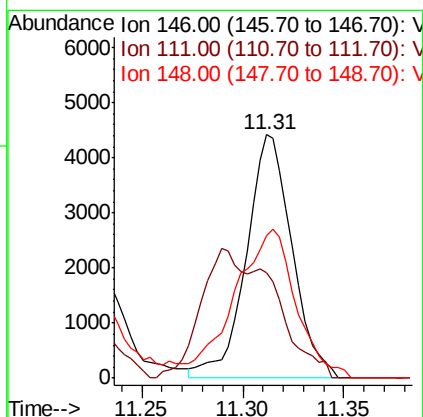
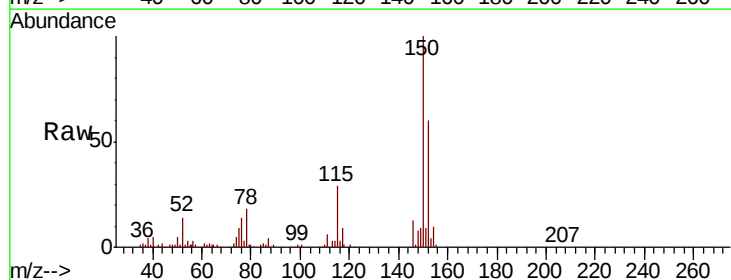
Instrument :
MSVOA_V
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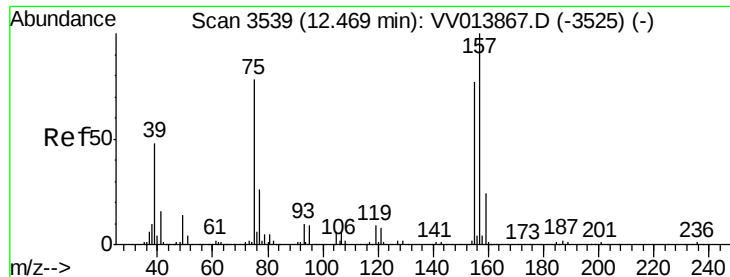
Tot Ion: 83 Resp: 20833
Ion Ratio Lower Upper
83 100
85 62.1 45.7 84.9



#63
1,4-Dichlorobenzene
Concen: 0.680 ug/L
RT: 11.31 min Scan# 3179
Delta R.T. 0.00 min
Lab File: VV013871.D
Acq: 02 Dec 2019 15:12

Tgt Ion: 146 Resp: 7004
Ion Ratio Lower Upper
146 100
111 43.5 25.4 47.2
148 58.5 44.9 83.5

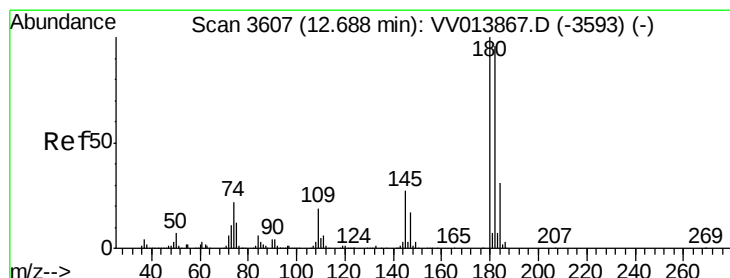
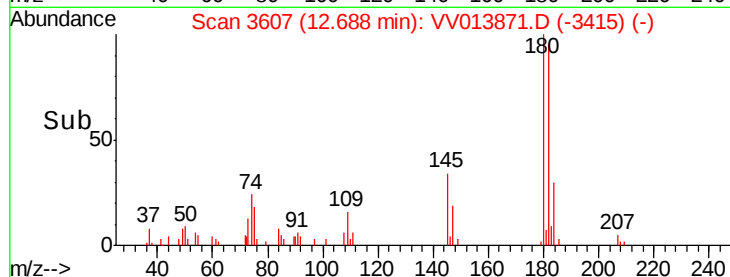
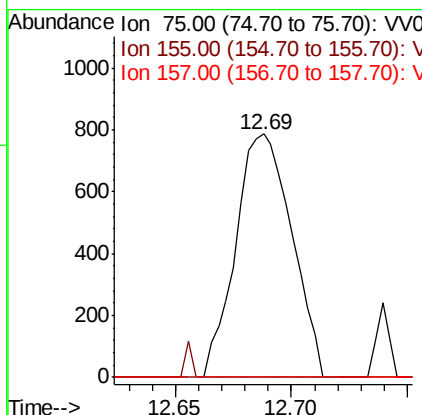
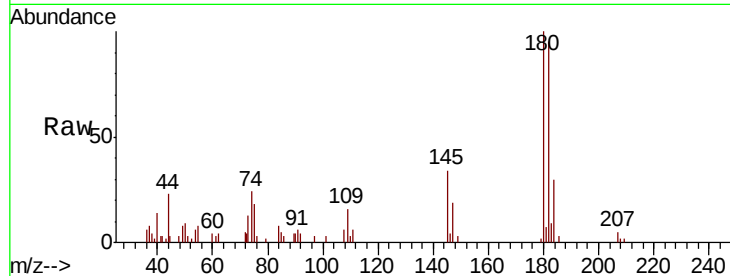




#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.955 ug/L
 RT: 12.69 min Scan# 3607
 Delta R.T. 0.22 min
 Lab File: VV013871.D
 Acq: 02 Dec 2019 15:12

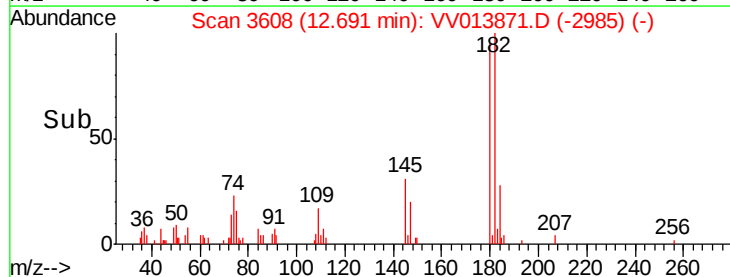
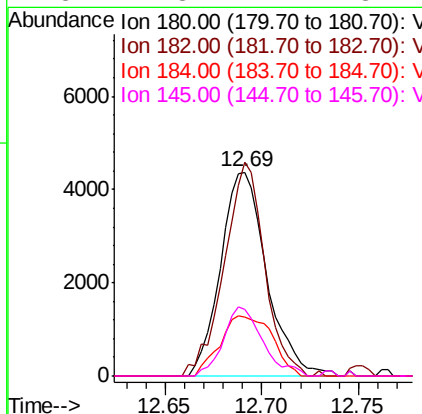
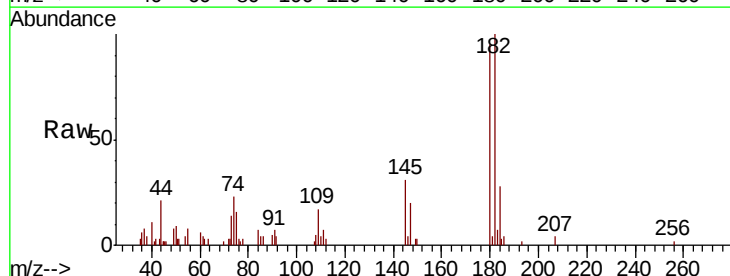
Instrument :
 MSVOA_V
 ClientSampleId :

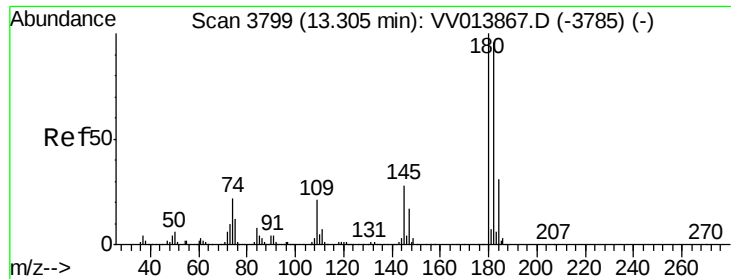
Tot Ion: 75 Resp: 1322
 Ion Ratio Lower Upper
 75 100
 155 0.0 78.6 117.8#
 157 0.0 102.6 153.8#



#67
 1,3,5-Trichlorobenzene
 Concen: 0.895 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. 0.00 min
 Lab File: VV013871.D
 Acq: 02 Dec 2019 15:12

Tgt Ion:180 Resp: 7235
 Ion Ratio Lower Upper
 180 100
 182 91.3 76.2 114.4
 184 33.3 24.2 36.4
 145 27.3 21.1 31.7

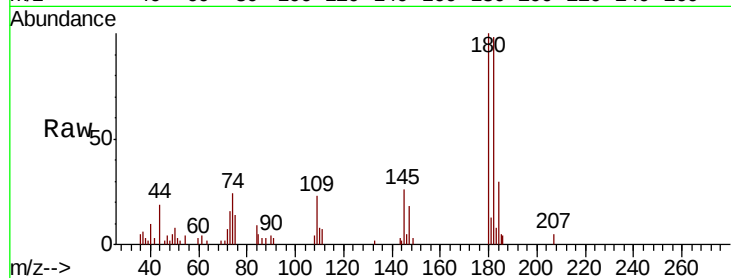




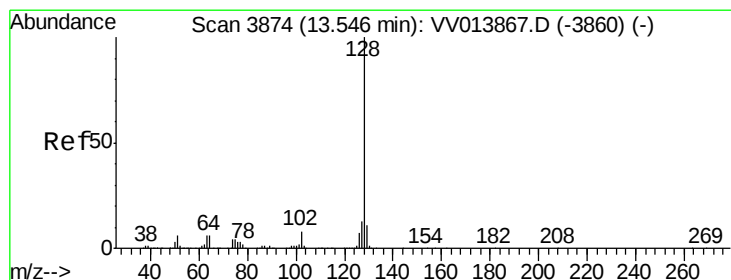
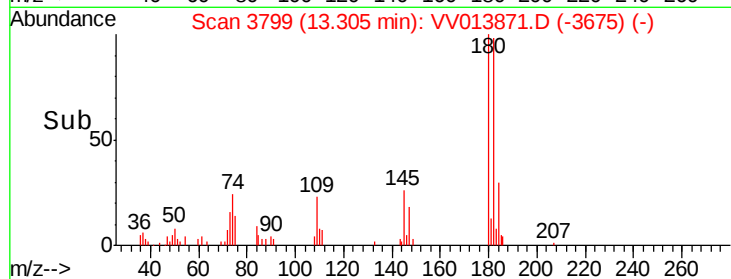
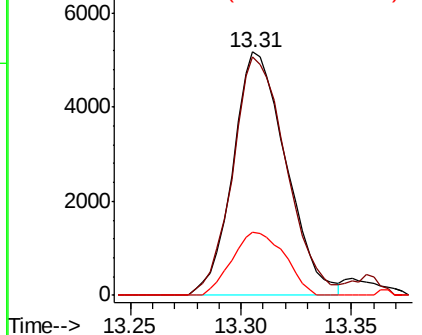
#68
 1,2,4-trichlorobenzene
 Concen: 1.185 ug/L
 RT: 13.31 min Scan# 3799
 Delta R.T. 0.00 min
 Lab File: VV013871.D
 Acq: 02 Dec 2019 15:12

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 8648
 Ion Ratio Lower Upper
 180 100
 182 98.7 76.2 114.4
 145 25.6 21.9 32.9

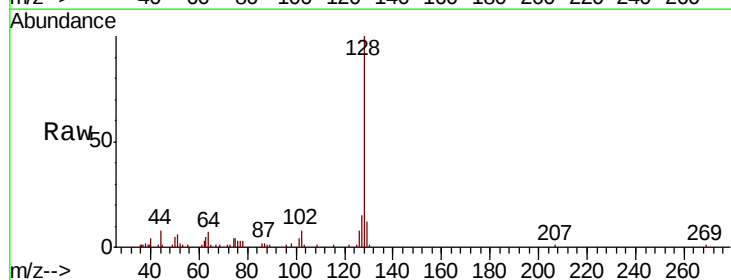


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

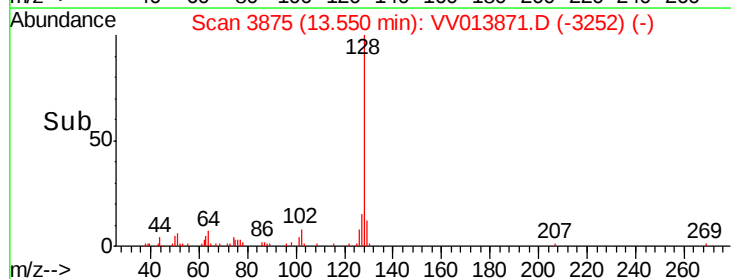
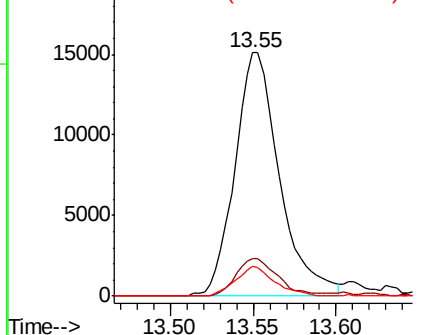


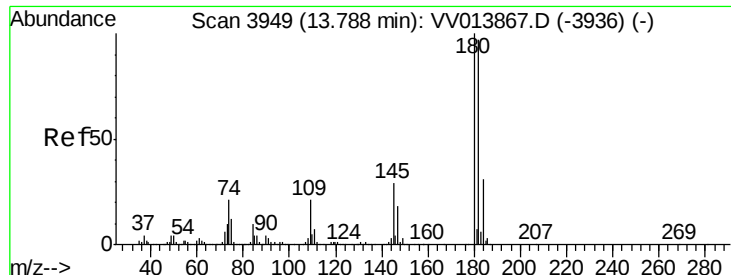
#69
 Naphthalene
 Concen: 1.478 ug/L
 RT: 13.55 min Scan# 3875
 Delta R.T. 0.00 min
 Lab File: VV013871.D
 Acq: 02 Dec 2019 15:12

Tgt Ion:128 Resp: 28330
 Ion Ratio Lower Upper
 128 100
 127 14.5 10.5 15.7
 129 10.7 8.6 12.8



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





#70
 1,2,3-Trichlorobenzene
 Concen: 1.086 ug/L
 RT: 13.79 min Scan# 3951
 Delta R.T. 0.01 min
 Lab File: VV013871.D
 Acq: 02 Dec 2019 15:12

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	100.7	77.0	115.4
145	31.3	22.6	34.0

