

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102219\
 Data File : VV013273.D
 Acq On : 22 Oct 2019 12:49
 Operator : SY/MD
 Sample : VV1022WBL01
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 01:25:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 01:23:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	470864	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	490334	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	234935	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	192233	5.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.80%
7) Chloroethane-d5	1.58	69	169336	5.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.20%
11) 1,1-Dichloroethene-d2	2.13	63	242286	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.40%
20) 2-Butanone-d5	4.00	46	277731	41.66	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.32%
24) Chloroform-d	4.40	84	421687	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.09	65	200551	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.09	84	846823	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.12	67	259836	5.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.80%
41) Toluene-d8	7.37	98	682491	4.64	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.67	79	82328	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.14	63	306569	47.59	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	171365	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	258889	5.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.20%

Target Compounds

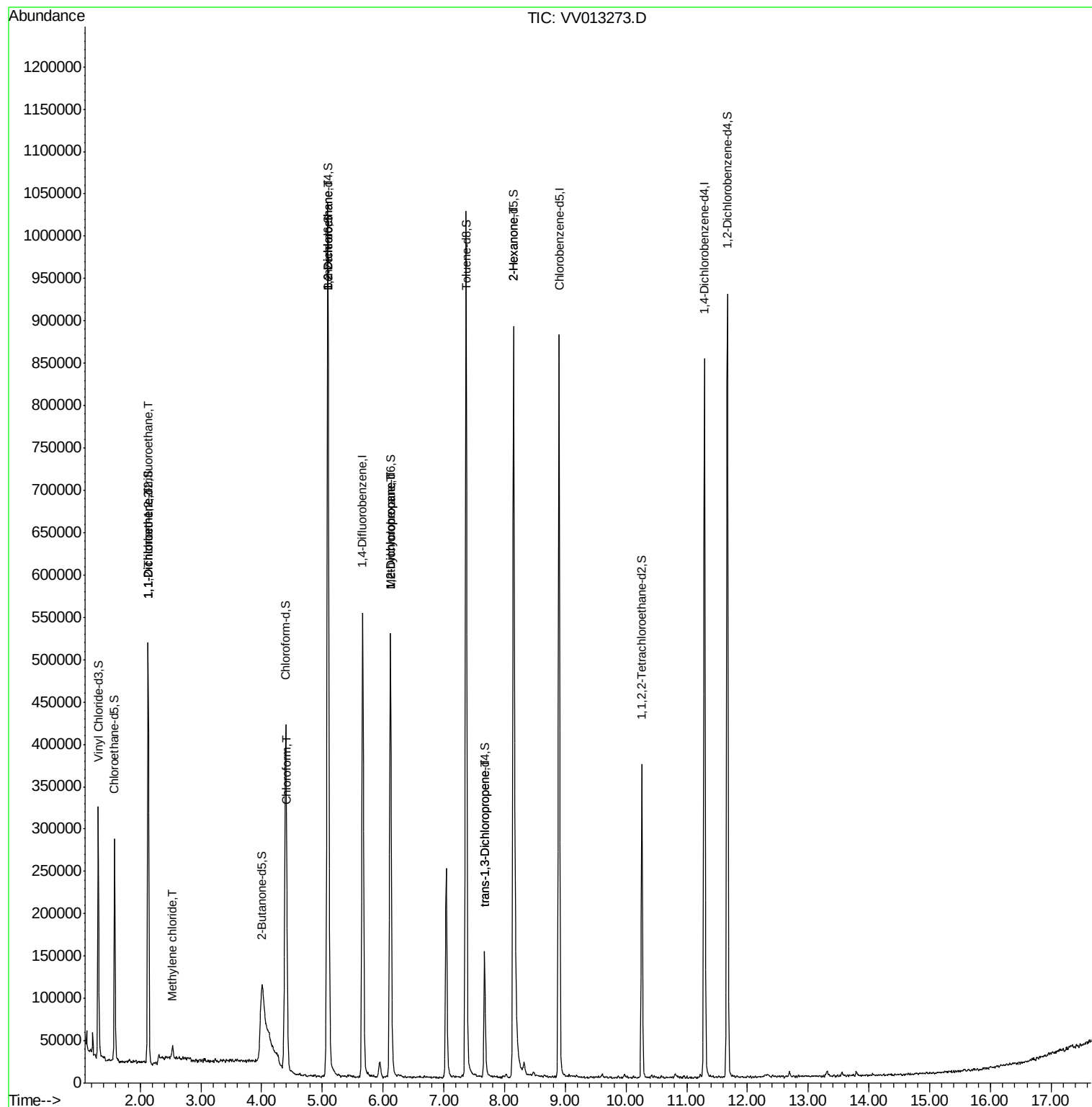
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3083	0.079	ug/L #	24
12) 1,1-Dichloroethene	2.13	96	2640	0.071	ug/L #	1
16) Methylene chloride	2.54	84	6480	0.116	ug/L	85
25) Chloroform	4.42	83	14494	0.157	ug/L	87
27) 1,2-Dichloroethane	5.09	62	3904	0.079	ug/L	100
35) Methylcyclohexane	6.12	83	61968	0.802	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	26736	0.588	ug/L #	87
44) trans-1,3-Dichloropropene	7.67	75	4269	0.088	ug/L #	67
48) 2-Hexanone	8.15	43	45526	2.743	ug/L #	83

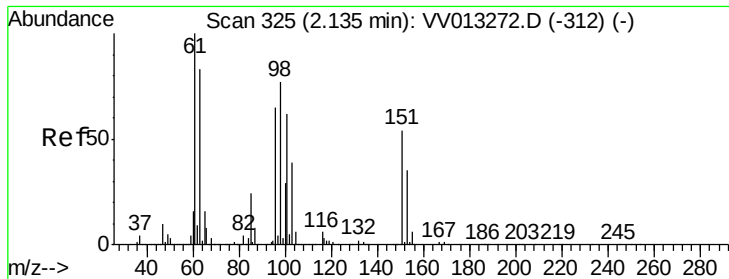
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV102219\
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Acq On : 22 Oct 2019 12:49
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Misc : 25.00ML/MSVOA V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Quant Time: Oct 23 01:25:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 01:23:09 2019
Response via : Initial Calibration





#10

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

Concen: 0.079 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV013273.D

Acq: 22 Oct 2019 12:49

Instrument :

MSVOA_V

ClientSampleId :

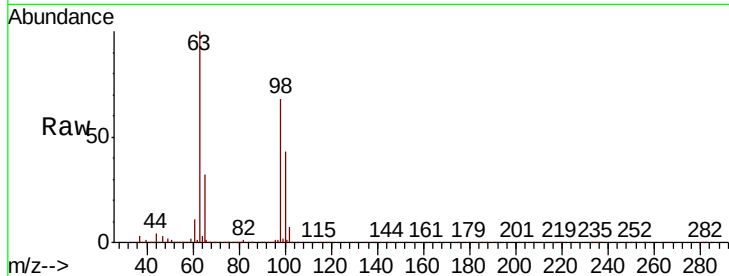
Tot Ion:101 Resp: 3083

Ion Ratio Lower Upper

101 100

85 4.1 31.8 47.8#

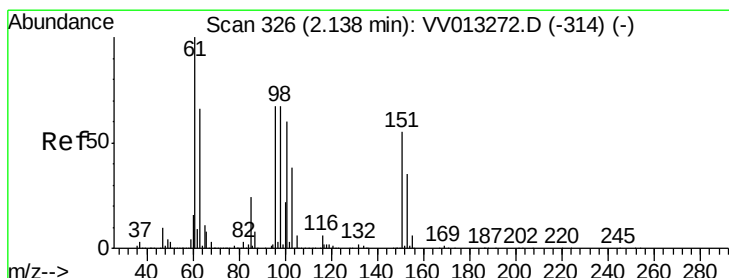
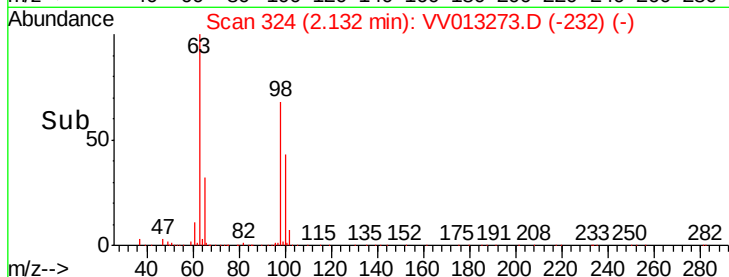
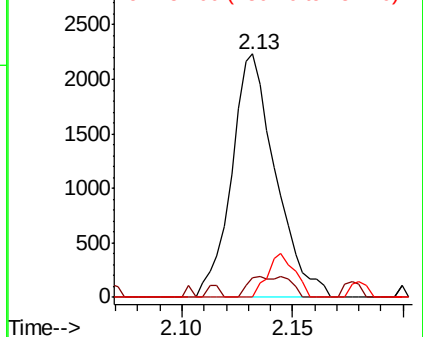
151 10.9 72.9 109.3#



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



#12

1,1-Dichloroethene

Concen: 0.071 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV013273.D

Acq: 22 Oct 2019 12:49

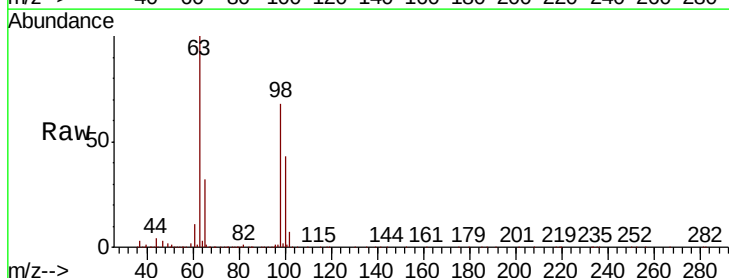
Tgt Ion: 96 Resp: 2640

Ion Ratio Lower Upper

96 100

61 1327.7 104.0 193.1#

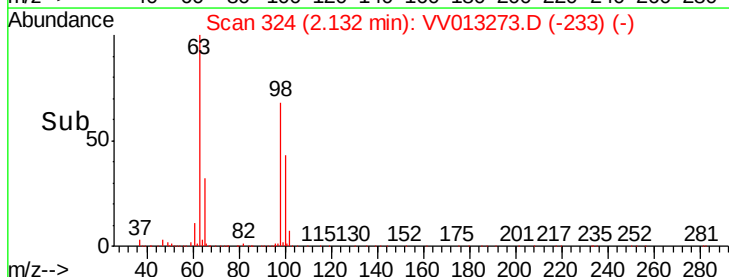
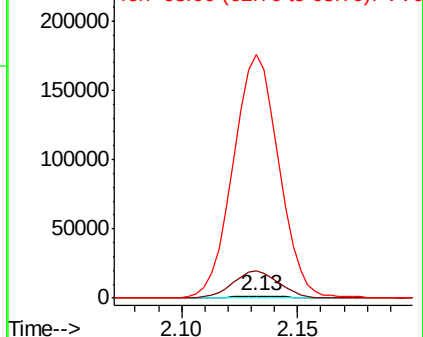
63 11914.8 67.1 124.5#

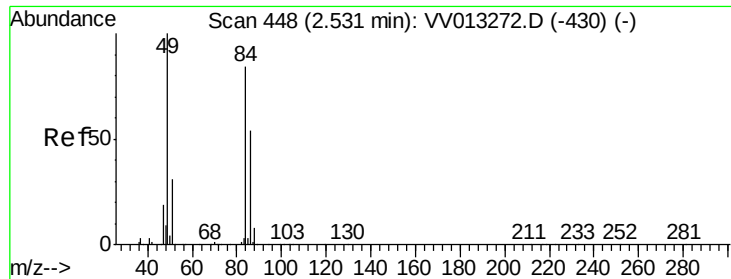


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

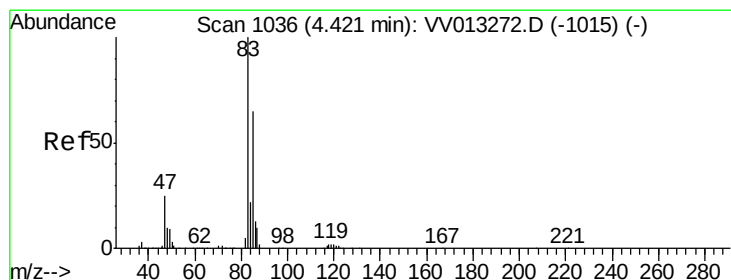
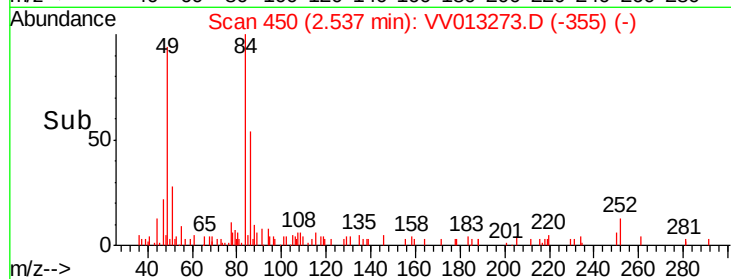
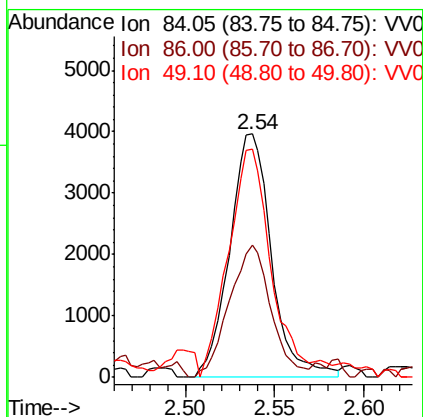
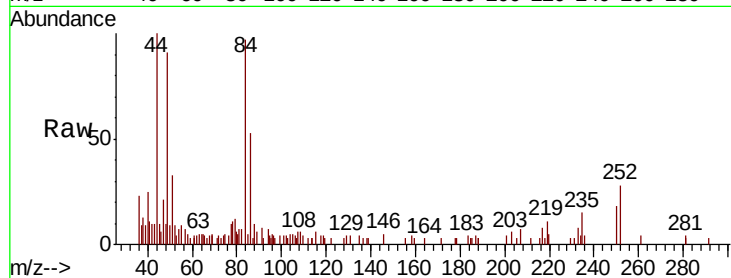




#16
Methvlene chloride
Concen: 0.116 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.01 min
Lab File: VV013273.D
Acq: 22 Oct 2019 12:49

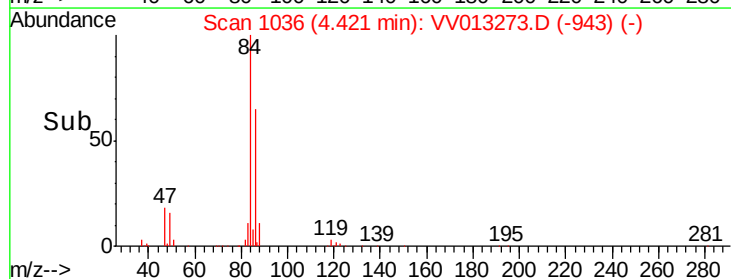
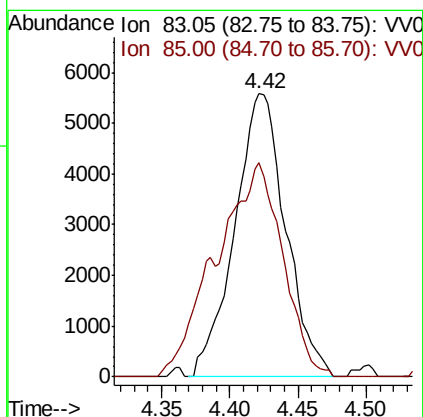
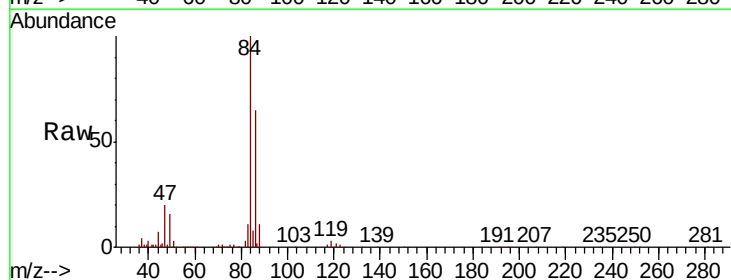
Instrument :
MSVOA_V
ClientSampled :

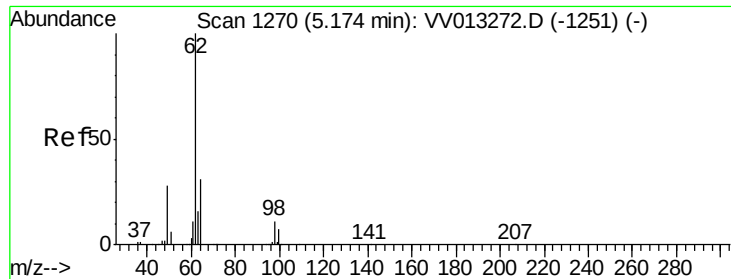
Tot Ion: 84 Resp: 6480
Ion Ratio Lower Upper
84 100
86 54.1 46.2 85.8
49 93.7 76.4 141.8



#25
Chloroform
Concen: 0.157 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV013273.D
Acq: 22 Oct 2019 12:49

Tgt Ion: 83 Resp: 14494
Ion Ratio Lower Upper
83 100
85 75.6 45.7 84.9

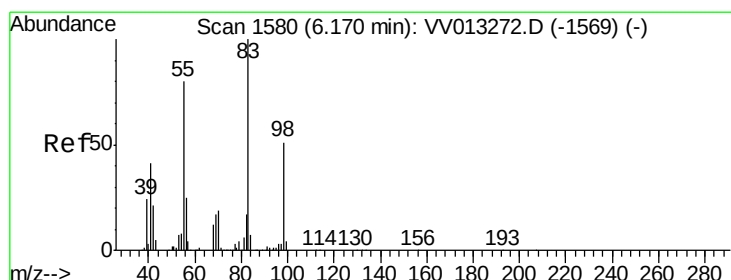
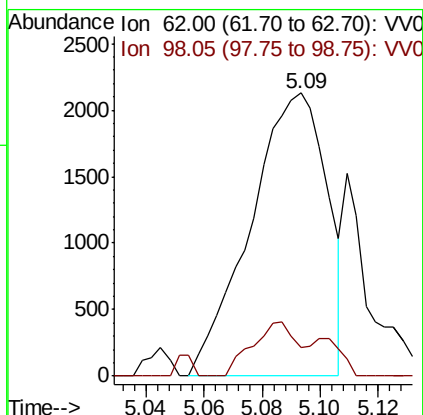
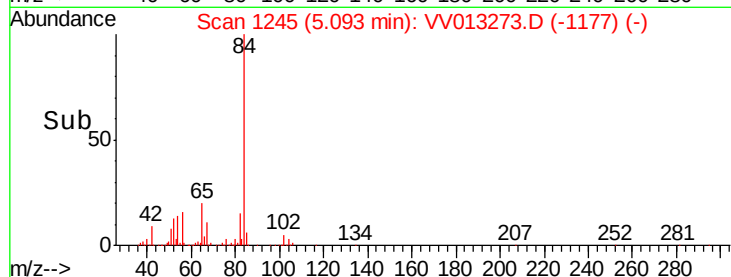
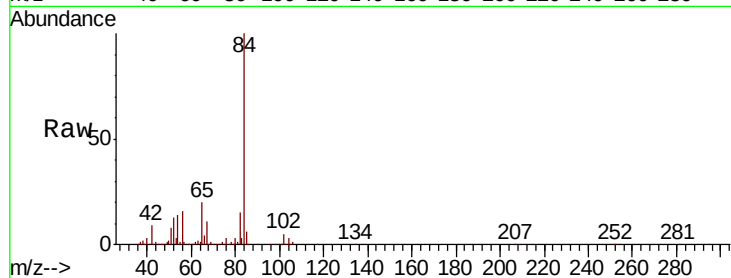




#27
 1,2-Dichloroethane
 Concen: 0.079 ug/L
 RT: 5.09 min Scan# 1245
 Delta R.T. -0.08 min
 Lab File: VV013273.D
 Acq: 22 Oct 2019 12:49

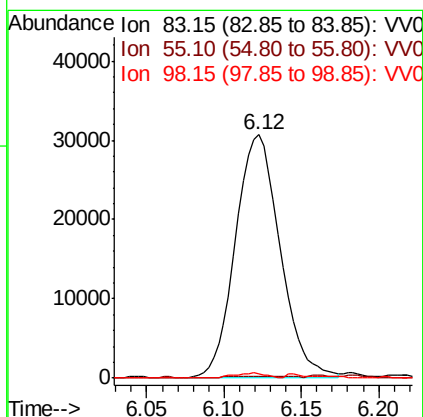
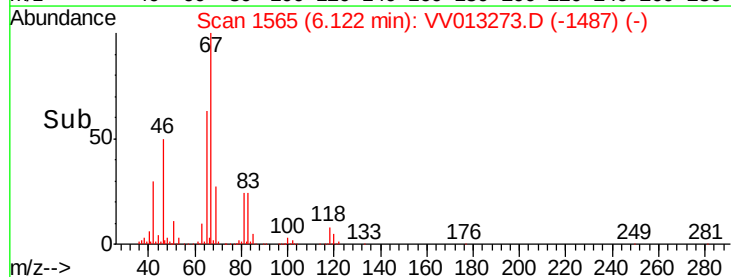
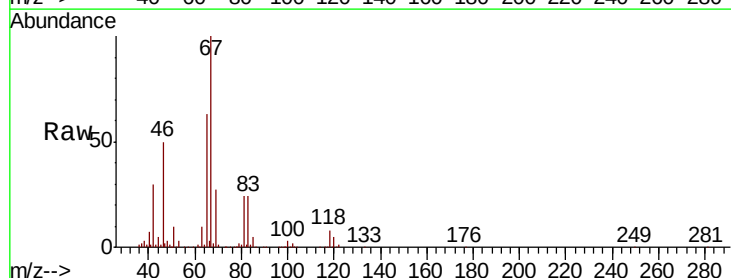
Instrument :
 MSVOA_V
 ClientSampleId :

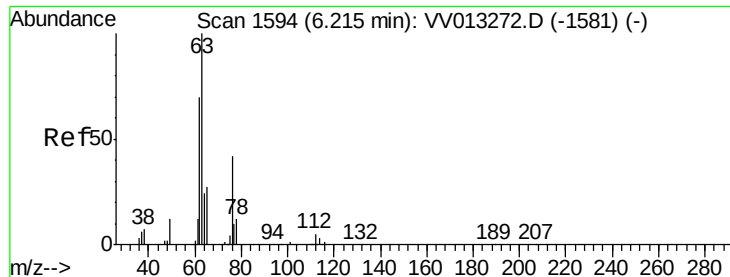
Tot Ion: 62 Resp: 3904
 Ion Ratio Lower Upper
 62 100
 98 10.2 8.3 12.5



#35
 Methylcyclohexane
 Concen: 0.802 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.05 min
 Lab File: VV013273.D
 Acq: 22 Oct 2019 12:49

Tgt Ion: 83 Resp: 61968
 Ion Ratio Lower Upper
 83 100
 55 0.5 62.4 93.6#
 98 1.5 39.2 58.8#

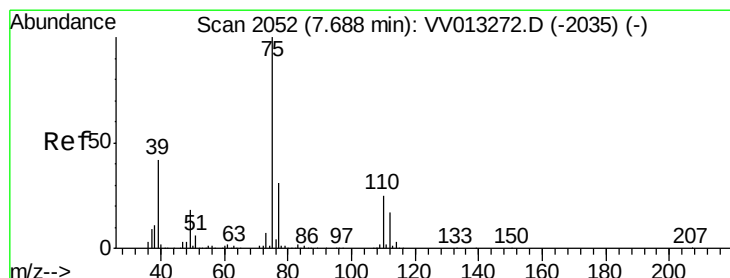
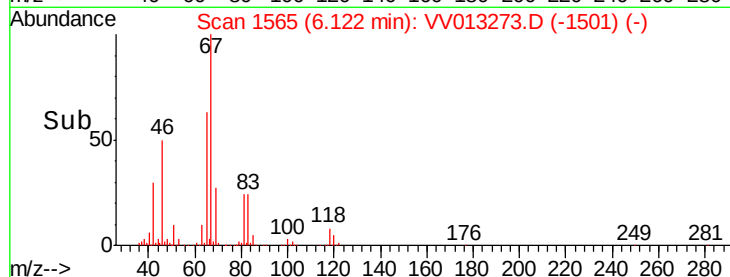
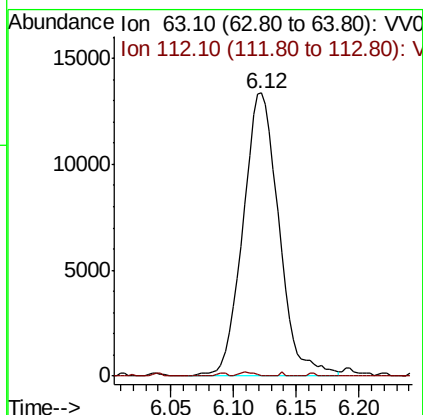
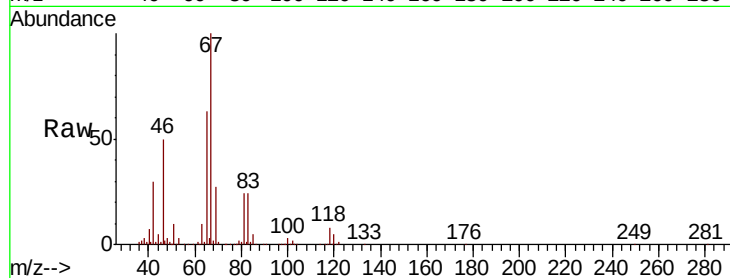




#37
 1,2-Dichloropropane
 Concen: 0.588 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.09 min
 Lab File: VV013273.D
 Acq: 22 Oct 2019 12:49

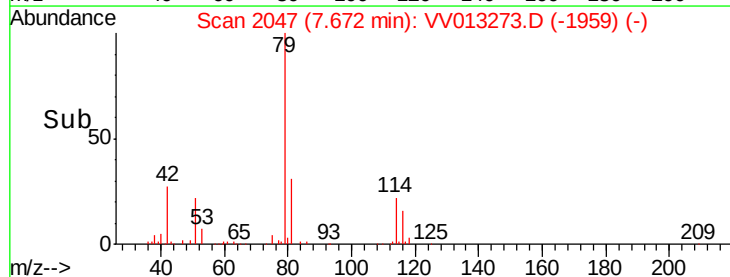
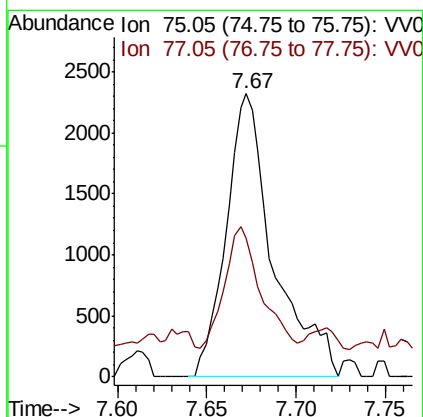
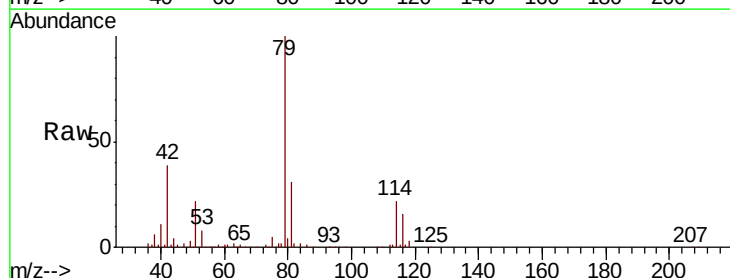
Instrument :
 MSVOA_V
 ClientSampleId :

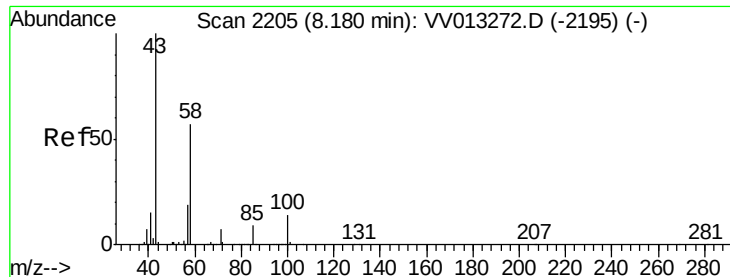
Tot Ion: 63 Resp: 26736
 Ion Ratio Lower Upper
 63 100
 112 0.6 4.1 6.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.67 min Scan# 2047
 Delta R.T. -0.02 min
 Lab File: VV013273.D
 Acq: 22 Oct 2019 12:49

Tgt Ion: 75 Resp: 4269
 Ion Ratio Lower Upper
 75 100
 77 49.1 21.8 40.6#





#48
 2-Hexanone
 Concen: 2.743 ug/L
 RT: 8.15 min Scan# 2195
 Delta R.T. -0.03 min
 Lab File: VV013273.D
 Acq: 22 Oct 2019 12:49

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 45526
 Ion Ratio Lower Upper
 43 100
 58 63.4 45.1 67.7
 57 36.2 15.5 23.3#
 100 5.3 10.2 15.2#

