

Data File : VV014408.D
Acq On : 27 Jan 2020 16:14
Operator : SY/MD
Sample : L1253-06DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0AC3DL

Quant Time: Jan 28 03:15:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 28 03:12:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	874054	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	805294	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	374755	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	190918	3.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.40%
7) Chloroethane-d5	1.59	69	184169	3.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.00%
11) 1,1-Dichloroethene-d2	2.13	63	230558	2.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.20%#
20) 2-Butanone-d5	3.93	46	874177	59.50	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.00%
24) Chloroform-d	4.40	84	561004	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.08	65	277202	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.10	84	1048051	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.12	67	360821	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.36	98	825767	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
43) trans-1,3-Dichloropropene-	7.66	79	127933	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.13	63	804387	57.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.28%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	285572	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	328472	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

					Qvalue
12) 1,1-Dichloroethene	2.14	96	3787	0.097 ug/L #	1
13) Acetone	2.19	43	34537	3.414 ug/L	90
16) Methylene chloride	2.54	84	18070	0.284 ug/L	85
18) trans-1,2-Dichloroethene	2.79	96	27050	0.461 ug/L	99
19) 1,1-Dichloroethane	3.23	63	42647	0.371 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	5276683	82.005 ug/L #	98
25) Chloroform	4.43	83	54225	0.492 ug/L	100
27) 1,2-Dichloroethane	5.10	62	7412	0.112 ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	45938	0.479 ug/L	97
34) Trichloroethene	5.96	95	4420196	69.355 ug/L	98
35) Methylcyclohexane	6.11	83	85419	0.820 ug/L #	18
37) 1,2-Dichloropropane	6.11	63	36367	0.581 ug/L #	88
45) 1,1,2-Trichloroethane	7.88	97	9579	0.240 ug/L	91
47) Tetrachloroethene	8.02	164	8724	0.200 ug/L	87
48) 2-Hexanone	8.13	43	81581	2.989 ug/L #	67

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV012720\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 28 03:12:38 2020
Response via : Initial Calibration

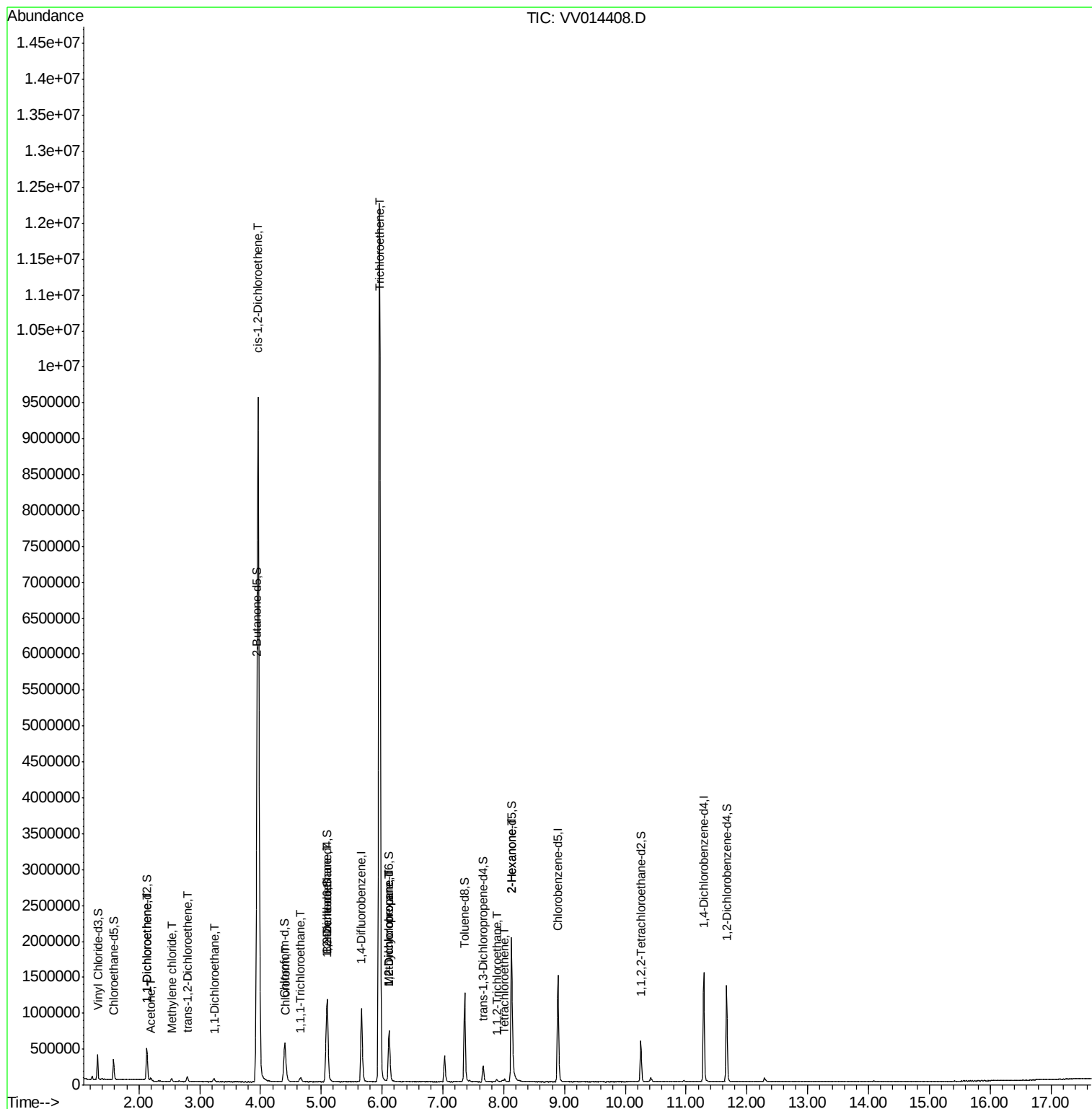
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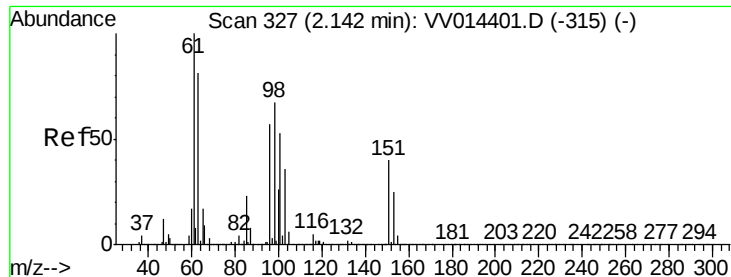
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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.097 ug/L

RT: 2.14 min Scan# 327

Delta R.T. -0.00 min

Lab File: VV014408.D

Acq: 27 Jan 2020 16:14

Instrument :

MSVOA_V

ClientSampleId :

H0AC3DL

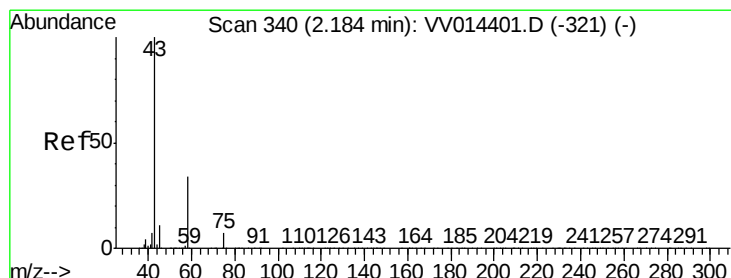
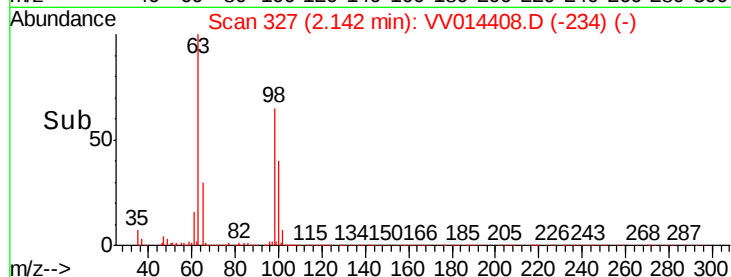
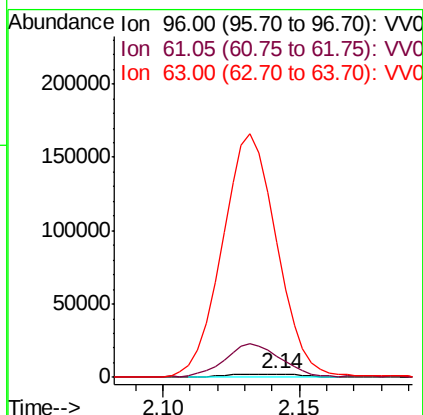
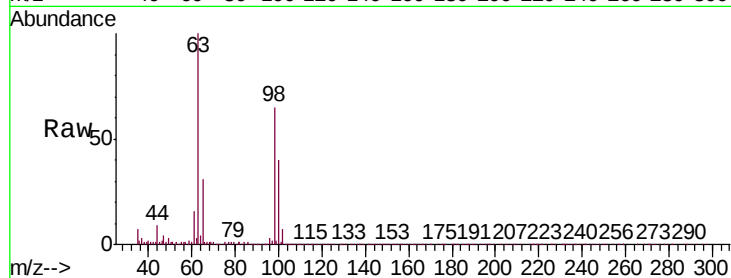
Tgt Ion: 96 Resp: 3787

Ion Ratio Lower Upper

96 100

61 617.6 121.5 225.7#

63 3893.5 90.3 167.7#



#13

Acetone

Concen: 3.414 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV014408.D

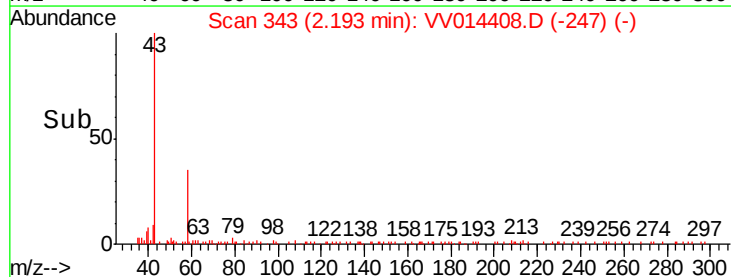
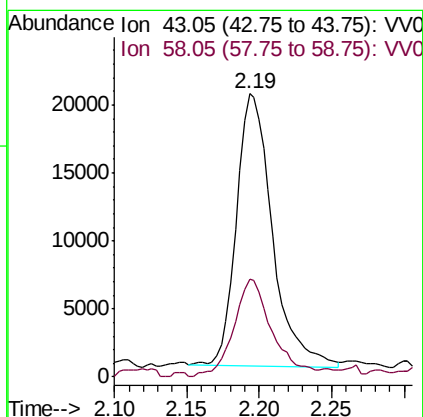
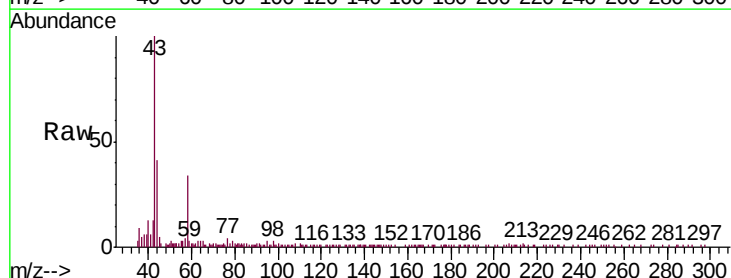
Acq: 27 Jan 2020 16:14

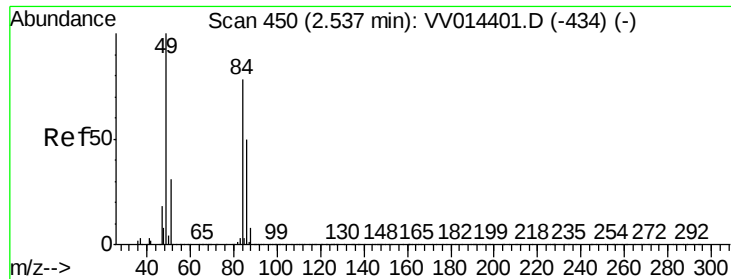
Tgt Ion: 43 Resp: 34537

Ion Ratio Lower Upper

43 100

58 38.5 0.0 66.0

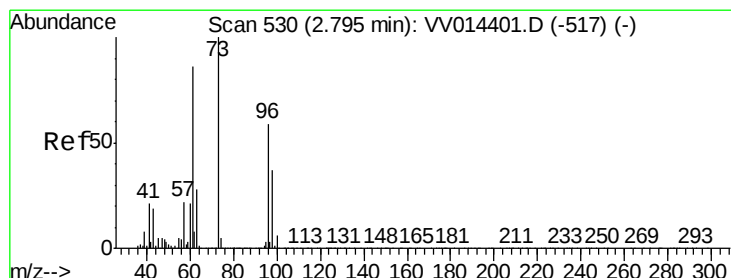
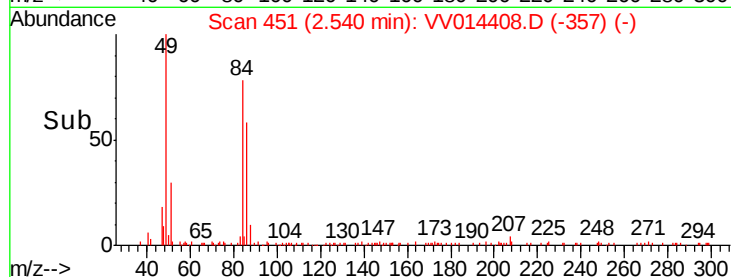
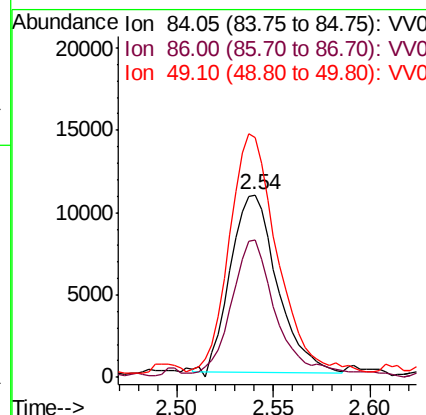
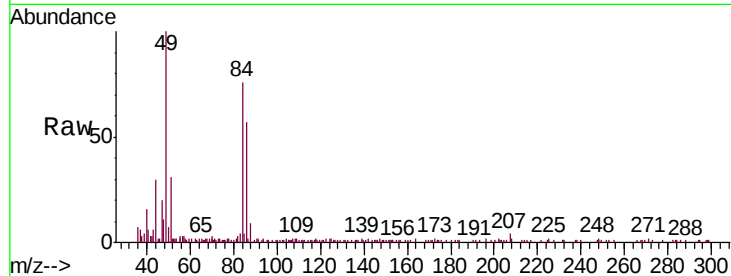




#16
Methylene chloride
Concen: 0.284 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV014408.D
Acq: 27 Jan 2020 16:14

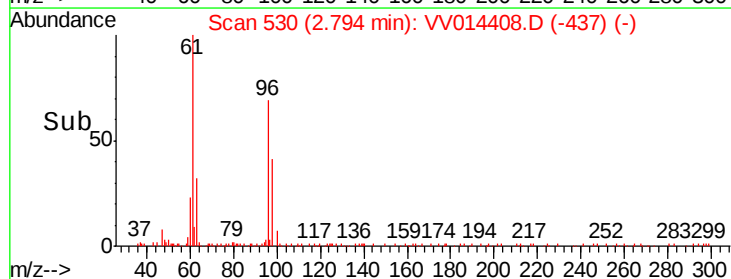
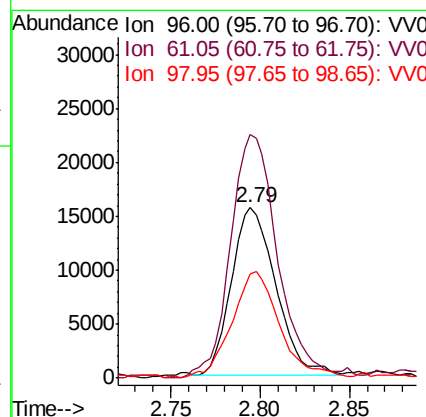
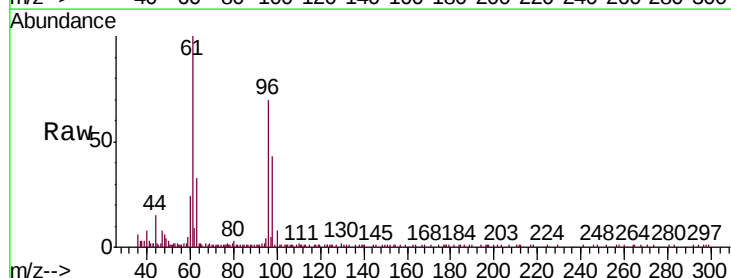
Instrument :
MSVOA_V
ClientSampleId :
H0AC3DL

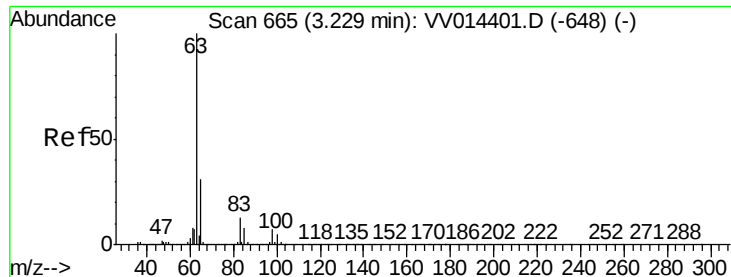
Tgt Ion: 84 Resp: 18070
Ion Ratio Lower Upper
84 100
86 77.8 43.1 80.1
49 131.0 82.1 152.5



#18
trans-1,2-Dichloroethene
Concen: 0.461 ug/L
RT: 2.79 min Scan# 530
Delta R.T. -0.00 min
Lab File: VV014408.D
Acq: 27 Jan 2020 16:14

Tgt Ion: 96 Resp: 27050
Ion Ratio Lower Upper
96 100
61 143.2 99.2 184.2
98 60.9 43.1 80.1

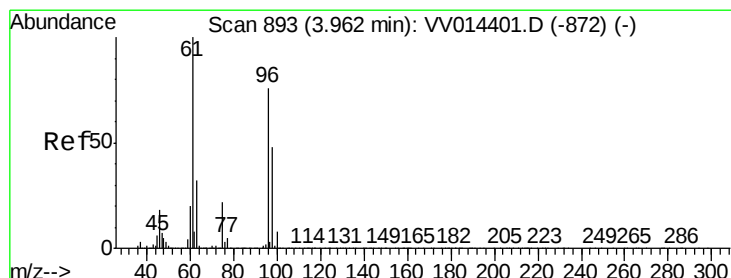
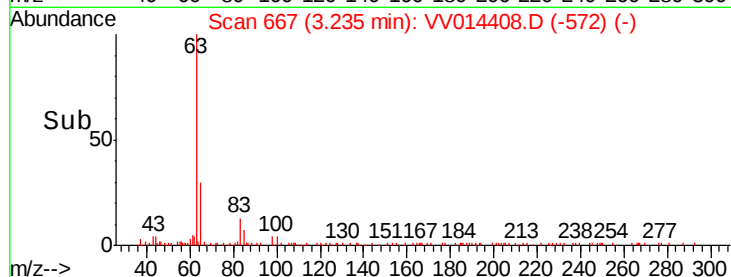
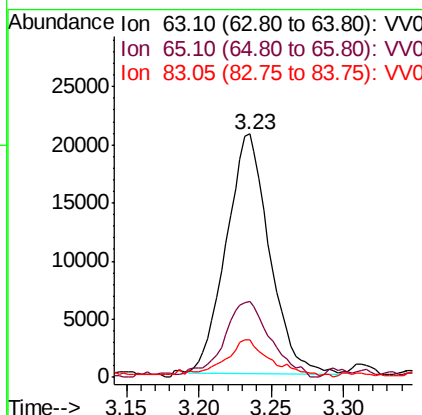
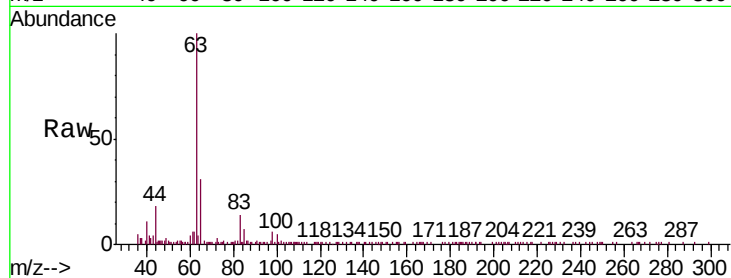




#19
 1,1-Dichloroethane
 Concen: 0.371 ug/L
 RT: 3.23 min Scan# 667
 Delta R.T. 0.01 min
 Lab File: VV014408.D
 Acq: 27 Jan 2020 16:14

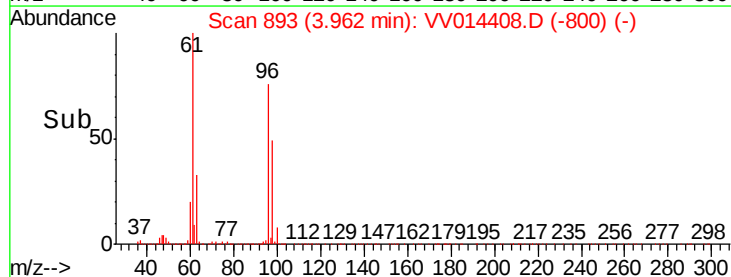
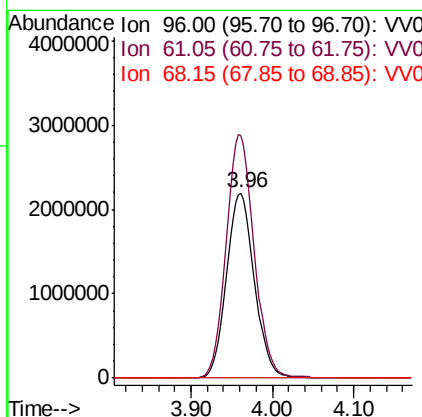
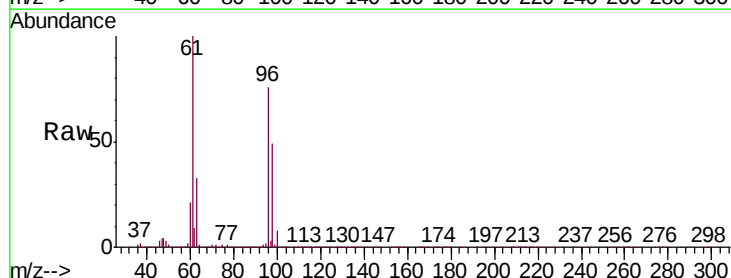
Instrument :
 MSVOA_V
 ClientSampled :
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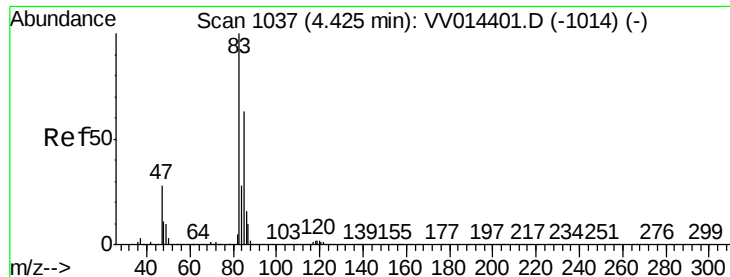
Tgt Ion:	63	Resp:	42647
Ion	Ratio	Lower	Upper
63	100		
65	29.9	22.7	42.3
83	14.5	10.0	18.6



#22
 cis-1,2-Dichloroethene
 Concen: 82.005 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: VV014408.D
 Acq: 27 Jan 2020 16:14

Tgt Ion:	96	Resp:	5276683
Ion	Ratio	Lower	Upper
96	100		
61	131.3	90.6	168.3
68	0.0	0.3	0.7#





#25

Chloroform

Concen: 0.492 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV014408.D

Acq: 27 Jan 2020 16:14

Instrument :

MSVOA_V

ClientSampleId :

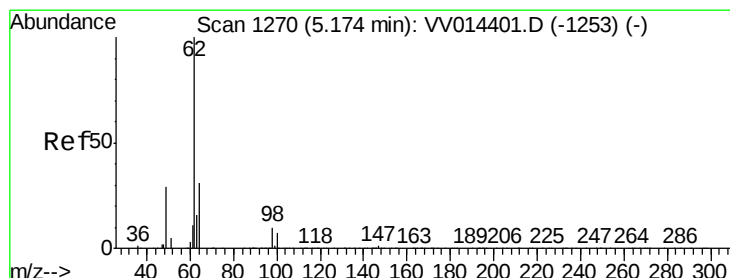
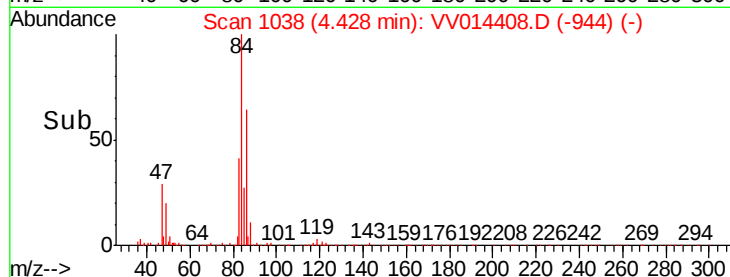
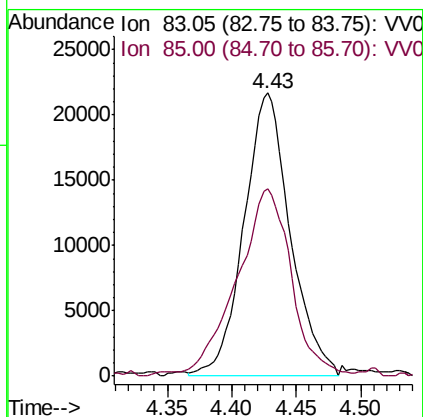
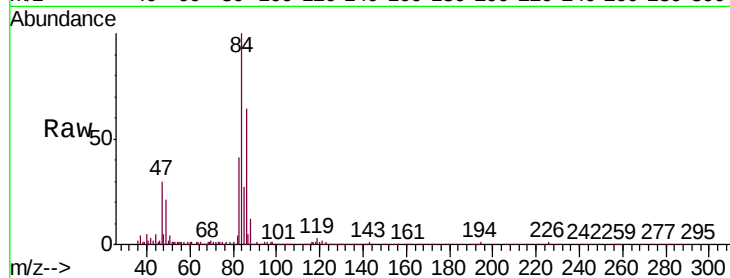
H0AC3DL

Tgt Ion: 83 Resp: 54225

Ion Ratio Lower Upper

83 100

85 66.1 46.2 85.8



#27

1,2-Dichloroethane

Concen: 0.112 ug/L

RT: 5.10 min Scan# 1247

Delta R.T. -0.07 min

Lab File: VV014408.D

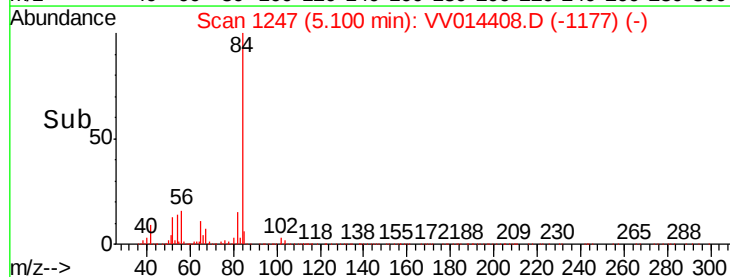
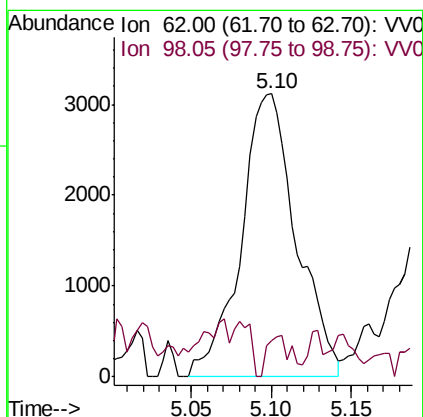
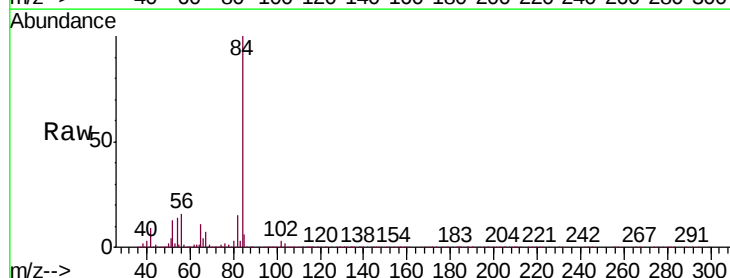
Acq: 27 Jan 2020 16:14

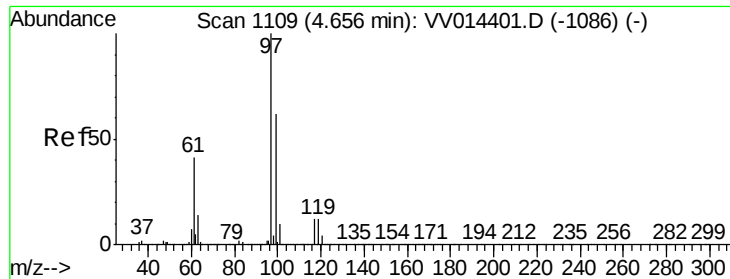
Tgt Ion: 62 Resp: 7412

Ion Ratio Lower Upper

62 100

98 12.8 9.2 13.8

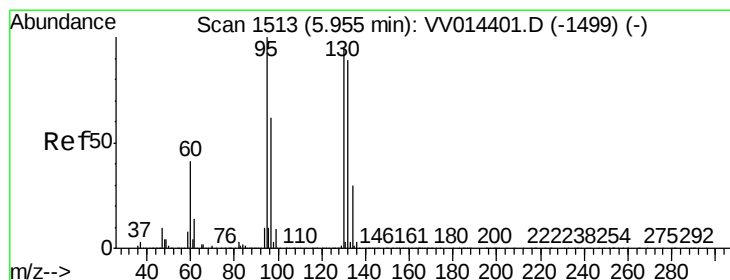
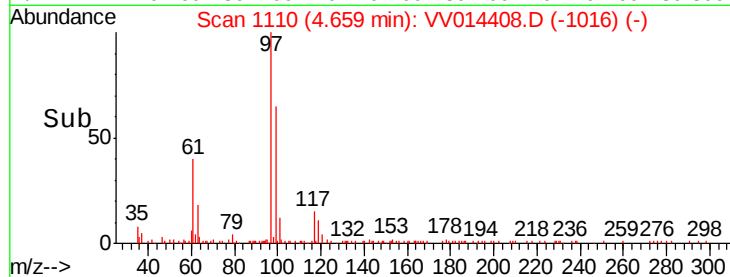
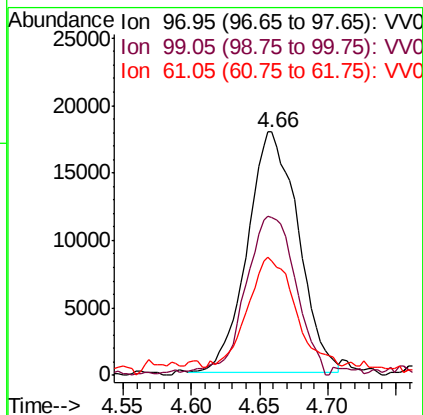
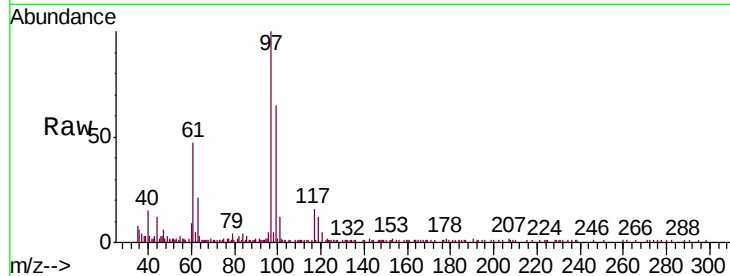




#29
1,1,1-Trichloroethane
Concen: 0.479 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VV014408.D
Acq: 27 Jan 2020 16:14

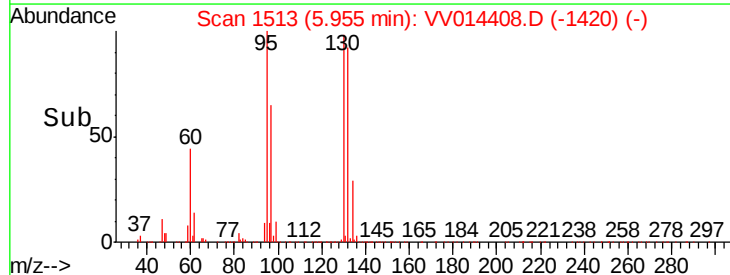
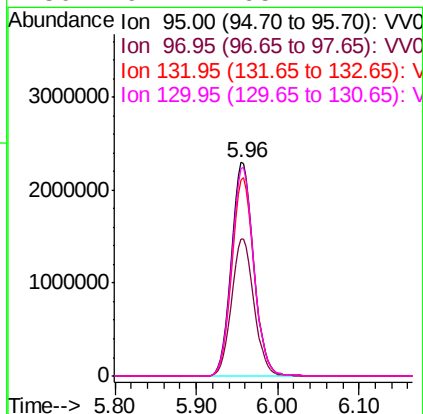
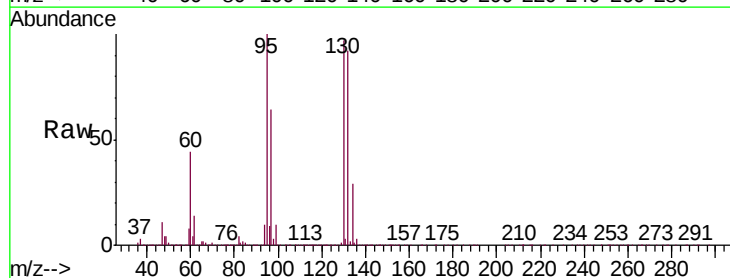
Instrument :
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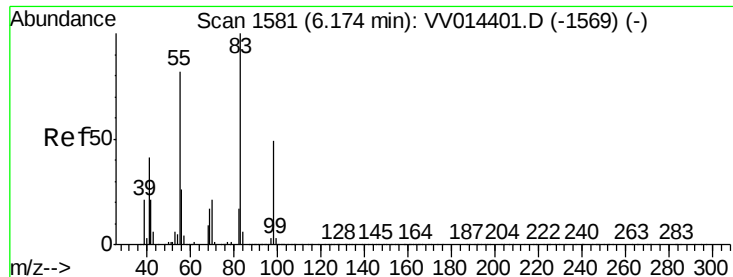
Tgt Ion: 97 Resp: 45938
Ion Ratio Lower Upper
97 100
99 65.7 51.1 76.7
61 45.0 33.9 50.9



#34
Trichloroethene
Concen: 69.355 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV014408.D
Acq: 27 Jan 2020 16:14

Tgt Ion: 95 Resp: 4420196
Ion Ratio Lower Upper
95 100
97 64.1 43.8 81.3
132 91.7 63.4 117.8
130 97.1 65.7 122.1

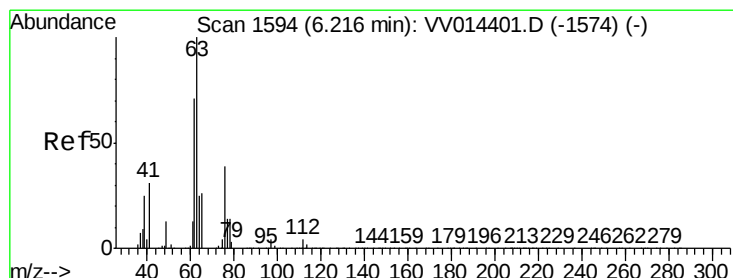
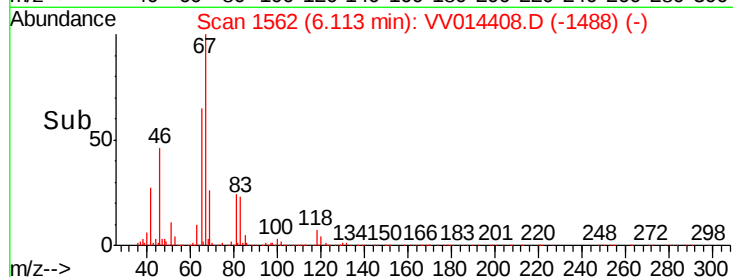
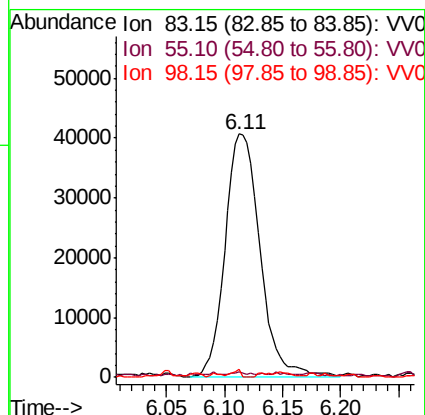
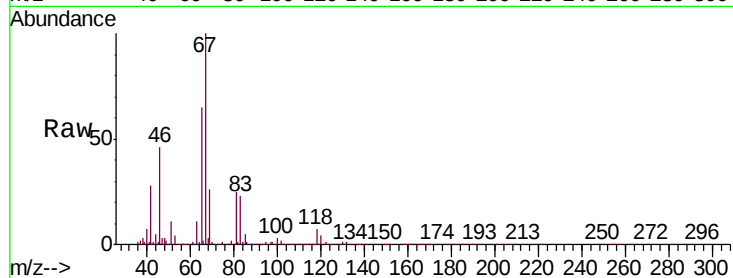




#35
Methylcyclohexane
Concen: 0.820 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014408.D
Acq: 27 Jan 2020 16:14

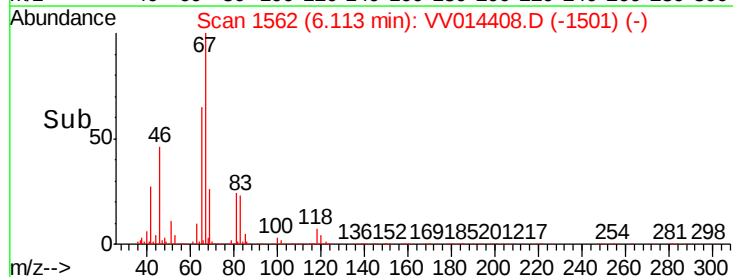
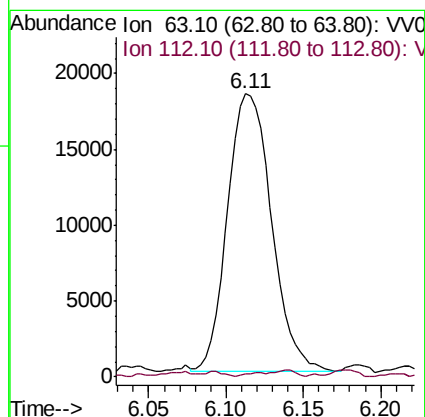
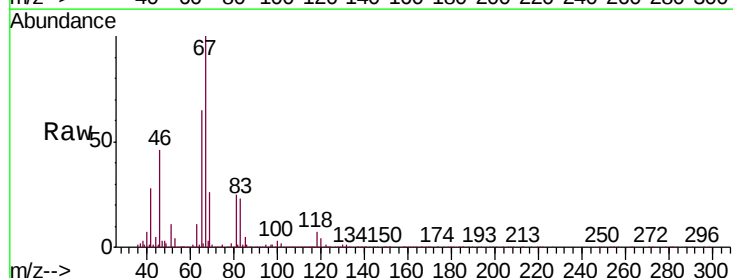
Instrument :
MSVOA_V
ClientSampleId :
H0AC3DL

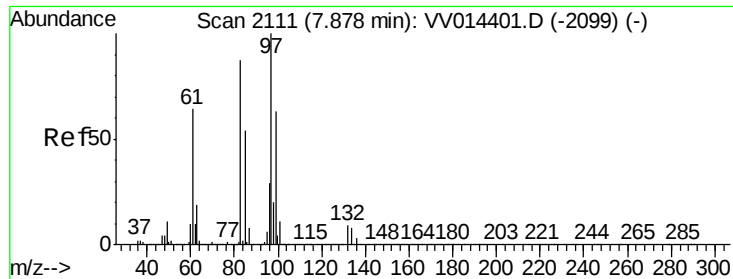
Tgt Ion: 83 Resp: 85419
Ion Ratio Lower Upper
83 100
55 0.2 61.7 92.5#
98 0.0 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV014408.D
Acq: 27 Jan 2020 16:14

Tgt Ion: 63 Resp: 36367
Ion Ratio Lower Upper
63 100
112 0.7 3.7 5.5#

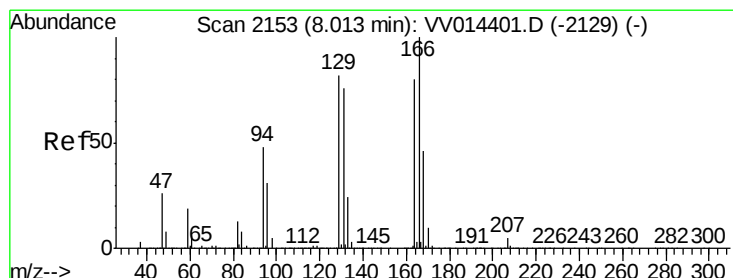
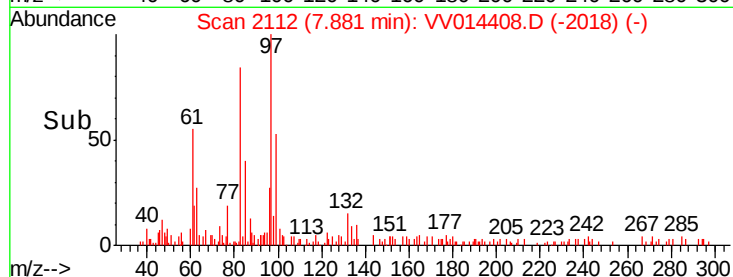
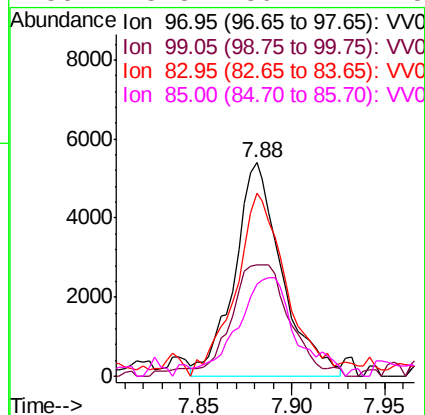
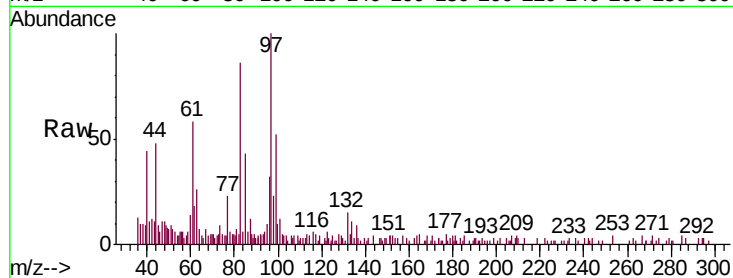




#45
1,1,2-Trichloroethane
Concen: 0.240 ug/L
RT: 7.88 min Scan# 2112
Delta R.T. 0.00 min
Lab File: VV014408.D
Acq: 27 Jan 2020 16:14

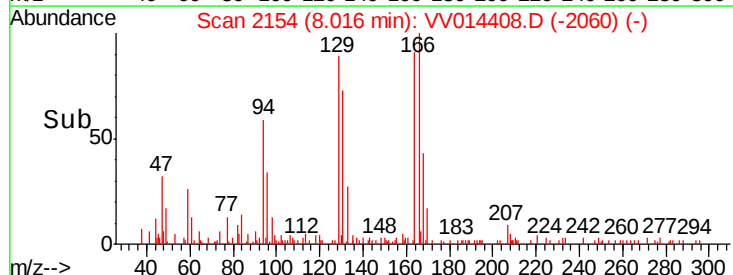
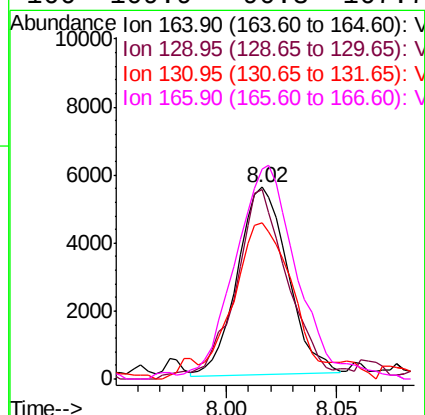
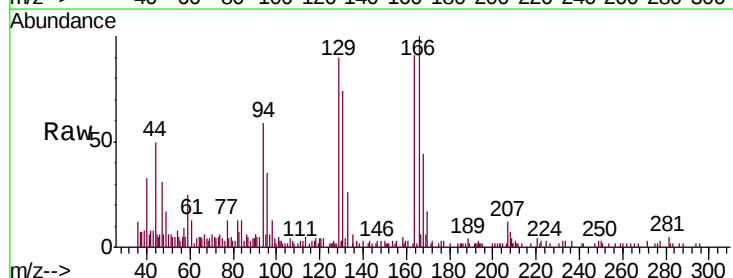
Instrument :
MSVOA_V
ClientSampleId :
H0AC3DL

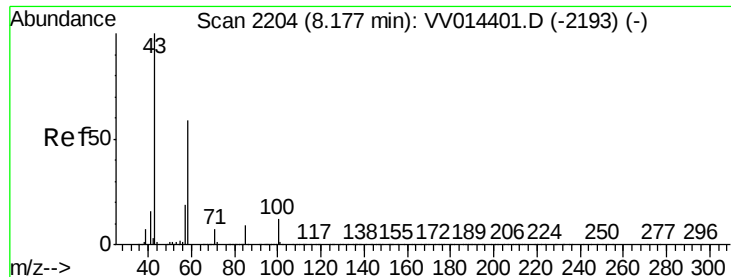
Tgt Ion:	97	Resp:	9579
Ion	Ratio	Lower	Upper
97	100		
99	51.9	43.7	81.1
83	85.6	60.0	111.4
85	43.3	39.2	72.8



#47
Tetrachloroethene
Concen: 0.200 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV014408.D
Acq: 27 Jan 2020 16:14

Tgt Ion:	164	Resp:	8724
Ion	Ratio	Lower	Upper
164	100		
129	99.0	71.7	133.3
131	81.3	70.4	130.8
166	109.9	90.3	167.7





#48
 2-Hexanone
 Concen: 2.989 ug/L
 RT: 8.13 min Scan# 2189
 Delta R.T. -0.05 min
 Lab File: VV014408.D
 Acq: 27 Jan 2020 16:14

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC3DL

Tgt Ion:	43	Resp:	81581
Ion	Ratio	Lower	Upper
43	100		
58	25.4	45.4	68.0#
57	23.3	15.8	23.8
100	1.4	10.2	15.4#

