

Data File : VV014407.D
Acq On : 27 Jan 2020 15:50
Operator : SY/MD
Sample : L1253-05DL 40X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0AC2DL

Quant Time: Jan 28 03:15:37 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	922236	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	843073	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	394044	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	221495	3.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.60%
7) Chloroethane-d5	1.59	69	193750	3.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.60%
11) 1,1-Dichloroethene-d2	2.13	63	226811	2.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.60%#
20) 2-Butanone-d5	3.92	46	837390	54.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.04%
24) Chloroform-d	4.40	84	550578	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.08	65	271657	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	5.10	84	1037433	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
36) 1,2-Dichloropropane-d6	6.12	67	356819	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.36	98	820170	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.40%
43) trans-1,3-Dichloropropene-	7.66	79	133295	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	8.14	63	773848	52.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.94%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	280002	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	326363	4.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.20%

Target Compounds

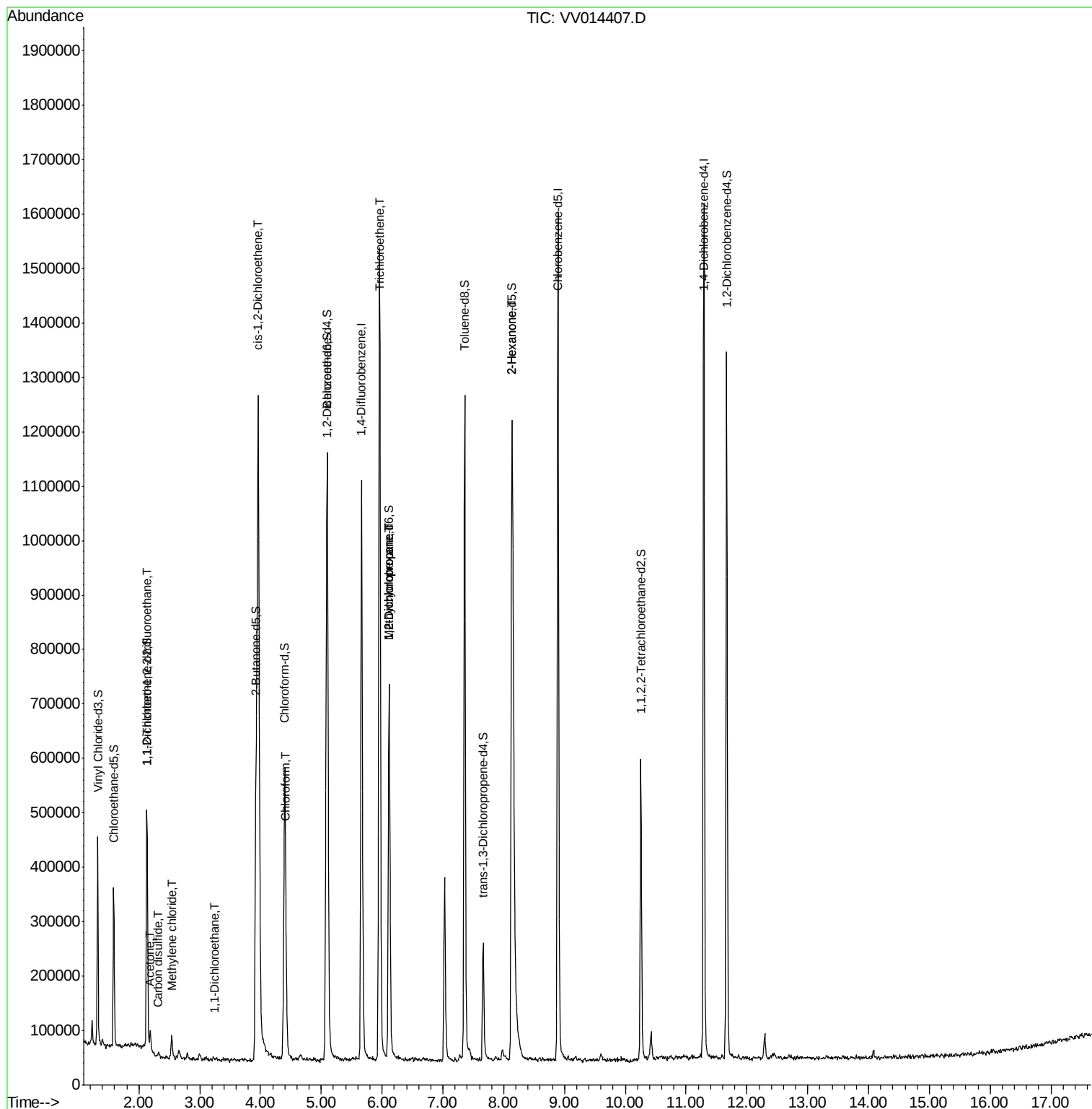
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3111	0.075 ug/L #	41
13) Acetone	2.19	43	36325	3.403 ug/L	95
14) Carbon disulfide	2.32	76	8073	0.044 ug/L #	82
16) Methylene chloride	2.54	84	18860	0.281 ug/L	92
19) 1,1-Dichloroethane	3.24	63	6864	0.057 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	639255	9.416 ug/L #	98
25) Chloroform	4.42	83	22636	0.195 ug/L	88
34) Trichloroethene	5.96	95	551723	8.269 ug/L	97
35) Methylcyclohexane	6.12	83	80520	0.738 ug/L #	19
37) 1,2-Dichloropropane	6.11	63	36584	0.558 ug/L #	89
48) 2-Hexanone	8.14	43	97265	3.404 ug/L #	62

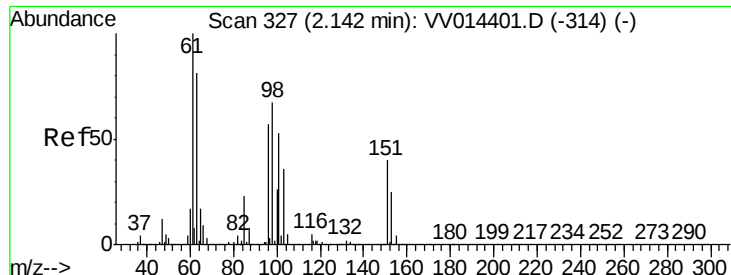
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.075 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV014407.D

Acq: 27 Jan 2020 15:50

Instrument :

MSVOA_V

ClientSampleId :

H0AC2DL

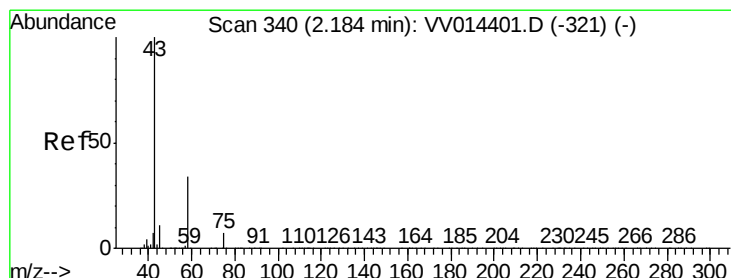
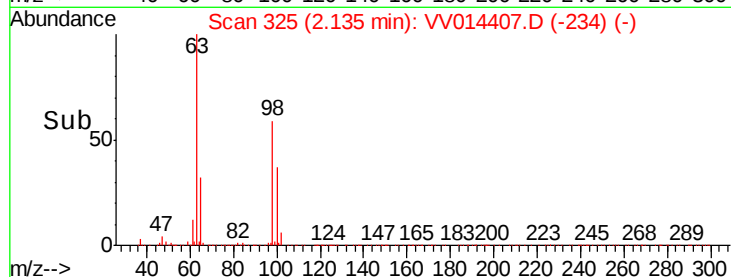
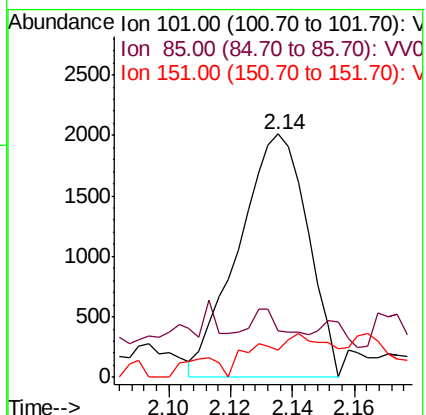
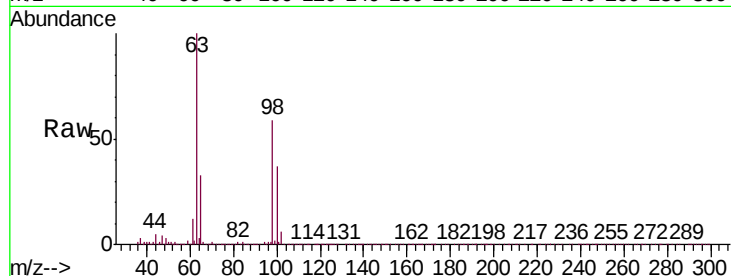
Tgt Ion:101 Resp: 3111

Ion Ratio Lower Upper

101 100

85 17.1 34.9 52.3#

151 18.5 62.5 93.7#



#13

Acetone

Concen: 3.403 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV014407.D

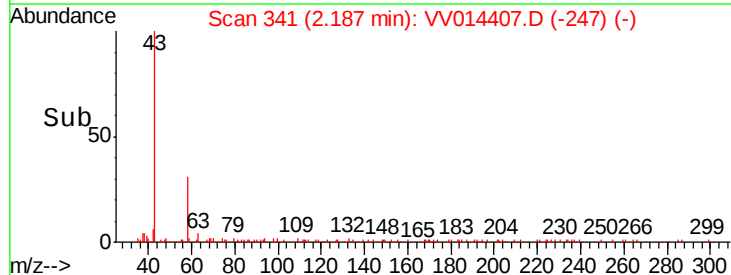
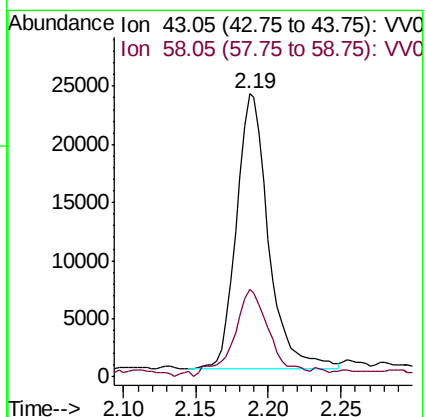
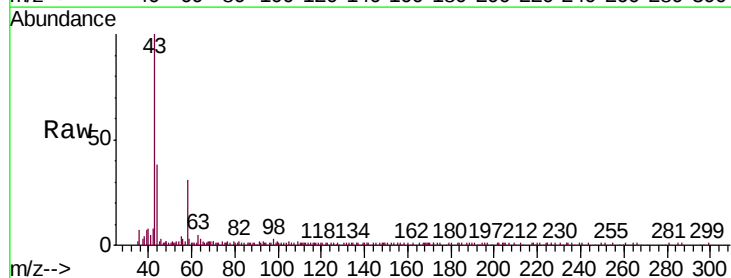
Acq: 27 Jan 2020 15:50

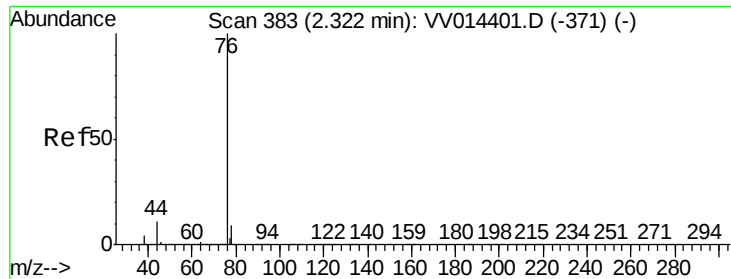
Tgt Ion: 43 Resp: 36325

Ion Ratio Lower Upper

43 100

58 35.8 0.0 66.0





#14

Carbon disulfide

Concen: 0.044 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VV014407.D

Acq: 27 Jan 2020 15:50

Instrument :

MSVOA_V

ClientSampleId :

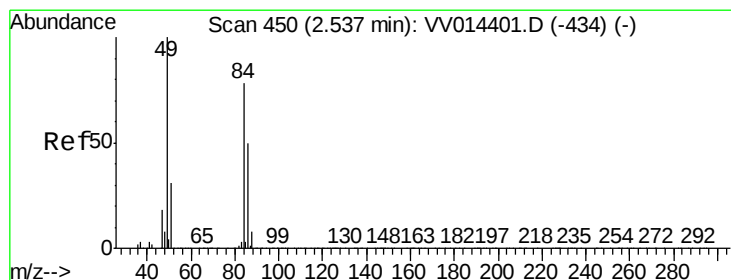
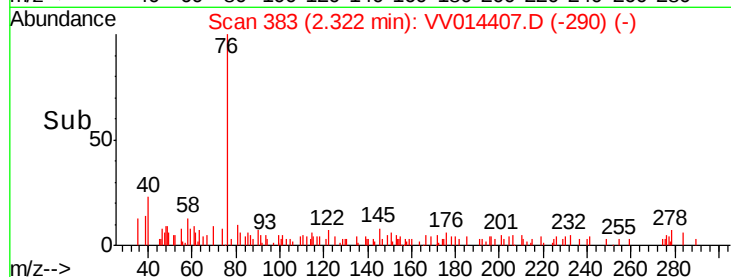
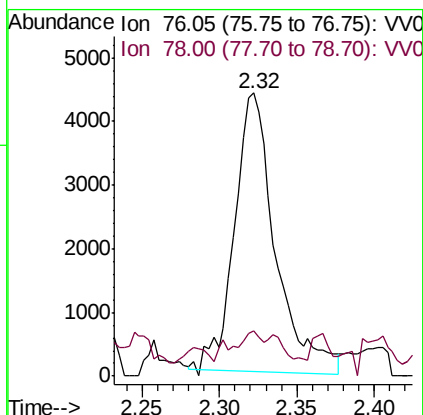
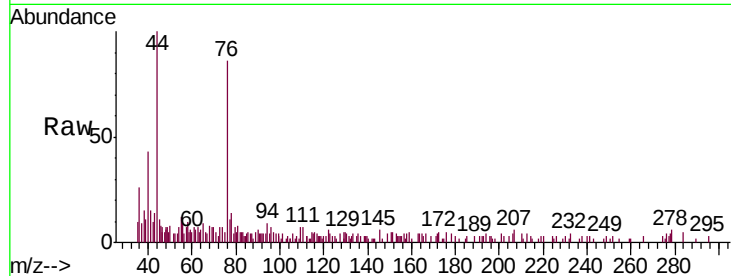
H0AC2DL

Tgt Ion: 76 Resp: 8073

Ion Ratio Lower Upper

76 100

78 16.0 7.5 11.3#



#16

Methylene chloride

Concen: 0.281 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.00 min

Lab File: VV014407.D

Acq: 27 Jan 2020 15:50

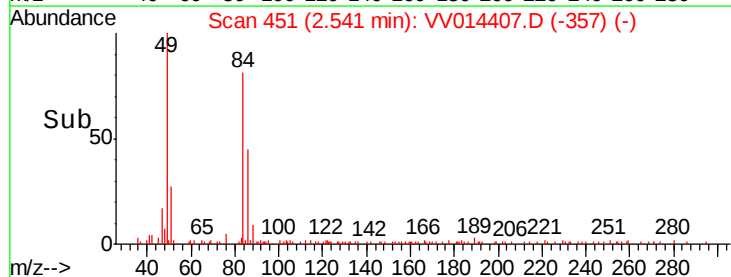
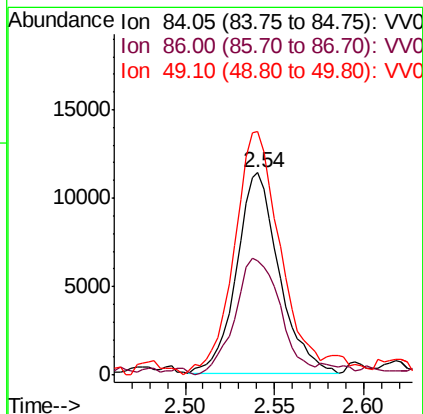
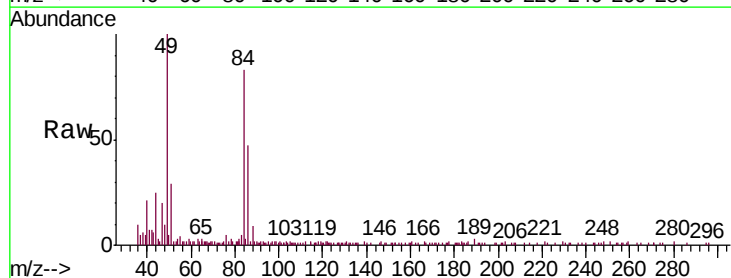
Tgt Ion: 84 Resp: 18860

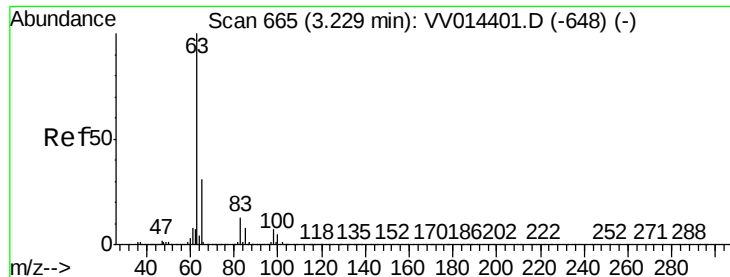
Ion Ratio Lower Upper

84 100

86 56.2 43.1 80.1

49 126.6 82.1 152.5

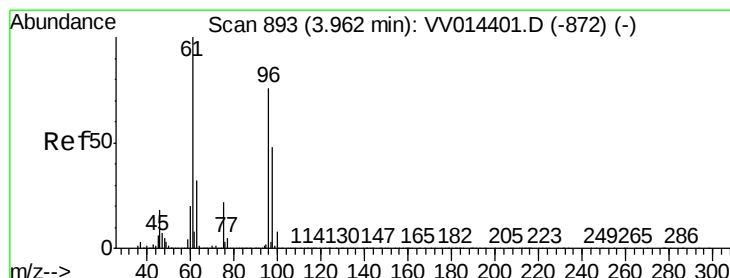
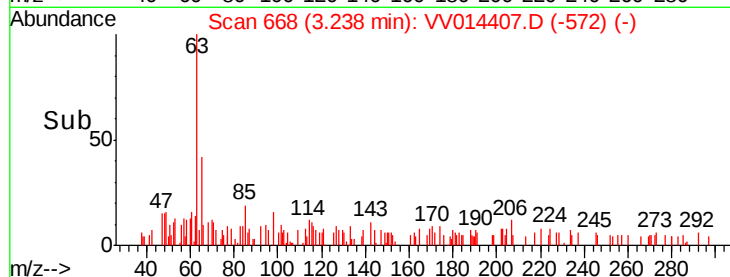
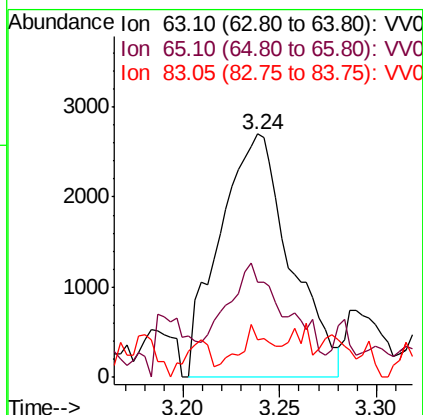
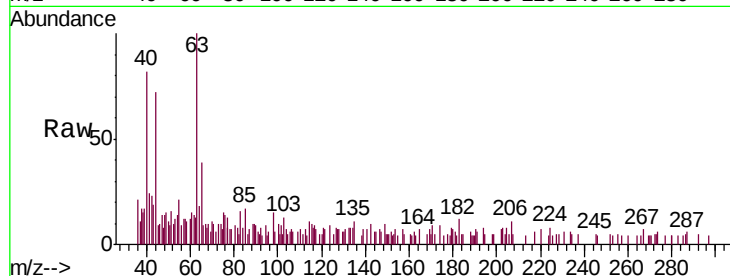




#19
1,1-Dichloroethane
Concen: 0.057 ug/L
RT: 3.24 min Scan# 668
Delta R.T. 0.01 min
Lab File: VV014407.D
Acq: 27 Jan 2020 15:50

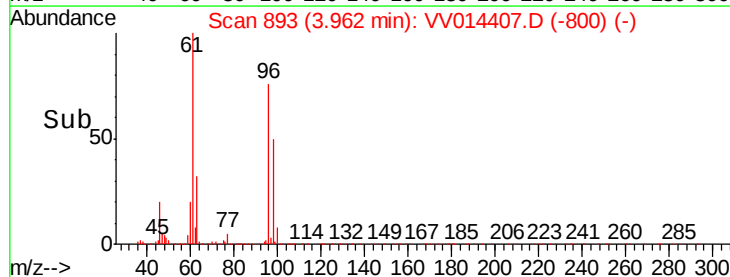
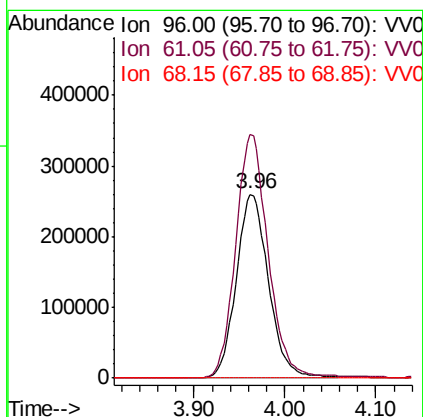
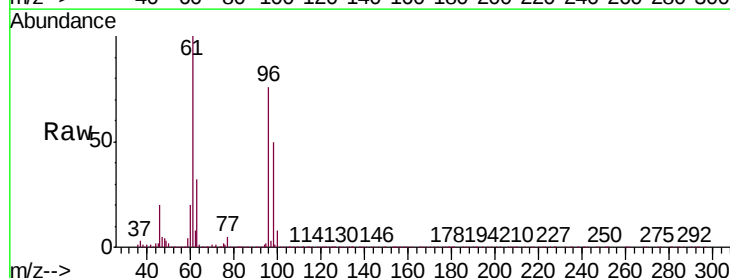
Instrument :
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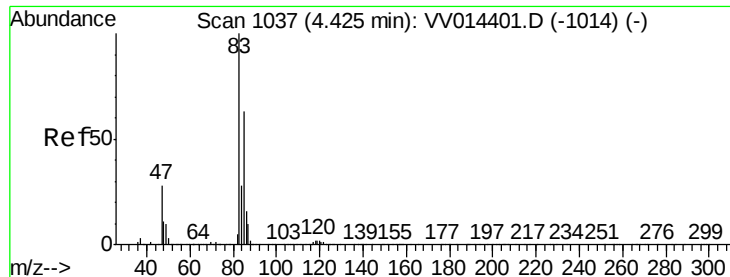
Tgt Ion: 63 Resp: 6864
Ion Ratio Lower Upper
63 100
65 33.0 22.7 42.3
83 13.1 10.0 18.6



#22
cis-1,2-Dichloroethene
Concen: 9.416 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV014407.D
Acq: 27 Jan 2020 15:50

Tgt Ion: 96 Resp: 639255
Ion Ratio Lower Upper
96 100
61 132.4 90.6 168.3
68 0.1 0.3 0.7#

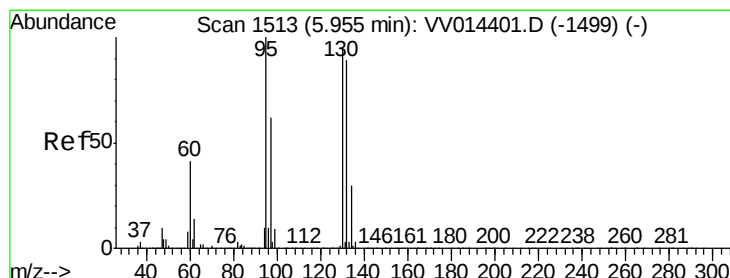
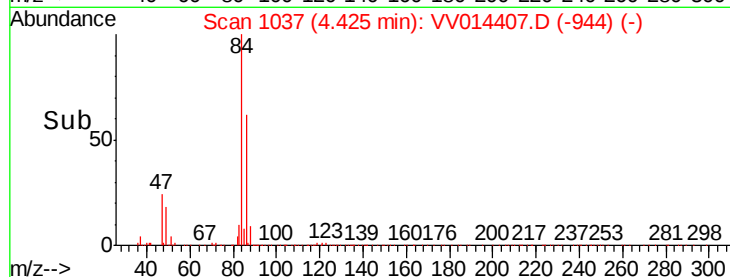
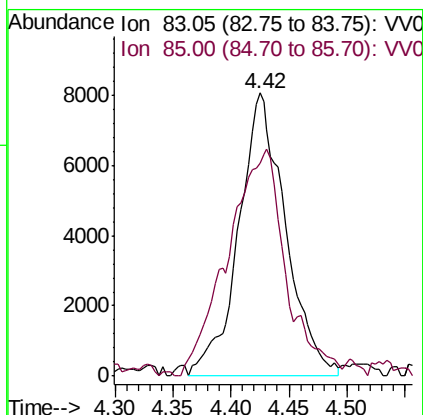
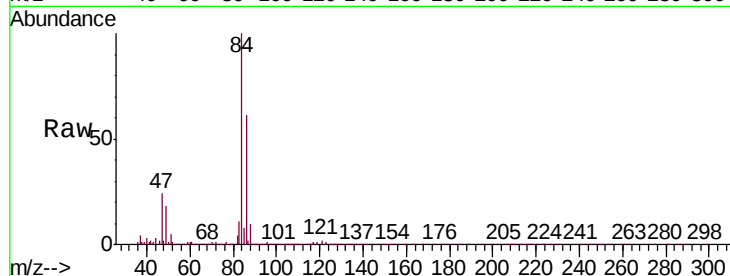




#25
Chloroform
Concen: 0.195 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014407.D
Acq: 27 Jan 2020 15:50

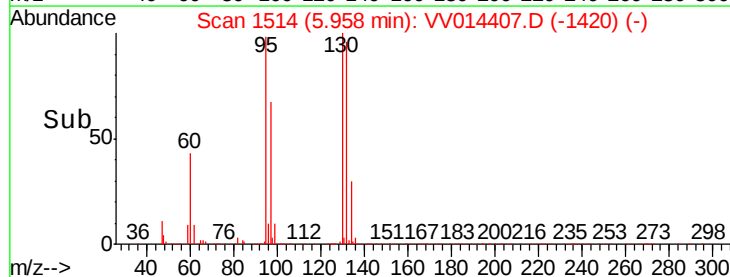
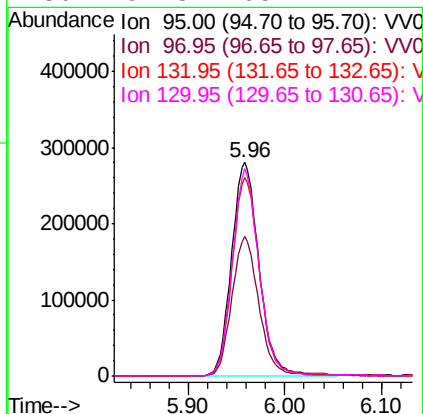
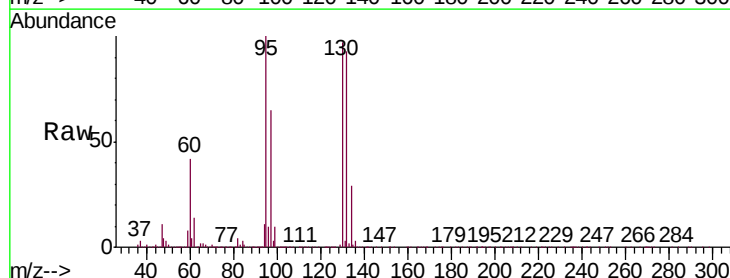
Instrument :
MSVOA_V
ClientSampleId :
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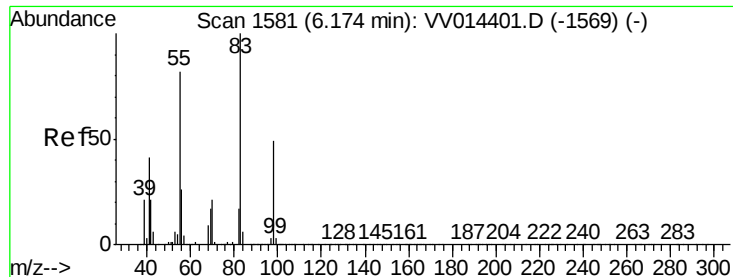
Tgt Ion: 83 Resp: 22636
Ion Ratio Lower Upper
83 100
85 75.2 46.2 85.8



#34
Trichloroethene
Concen: 8.269 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV014407.D
Acq: 27 Jan 2020 15:50

Tgt Ion: 95 Resp: 551723
Ion Ratio Lower Upper
95 100
97 65.2 43.8 81.3
132 93.1 63.4 117.8
130 97.3 65.7 122.1

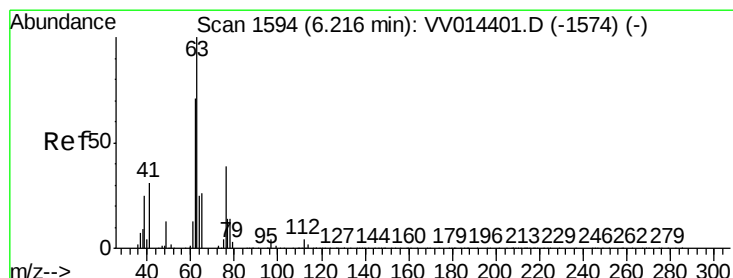
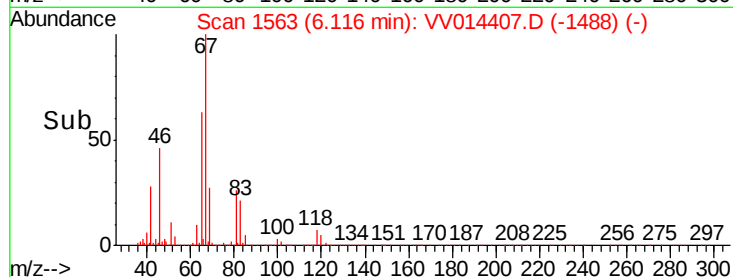
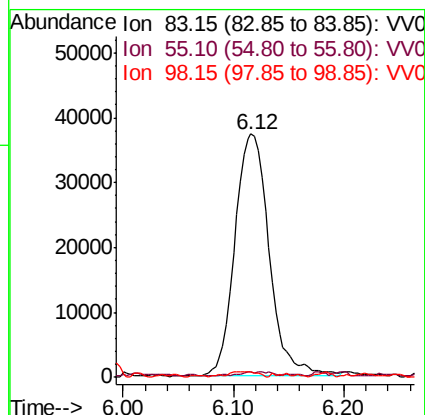
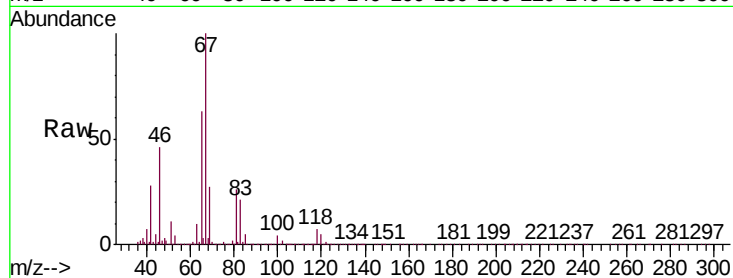




#35
Methylcyclohexane
Concen: 0.738 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV014407.D
Acq: 27 Jan 2020 15:50

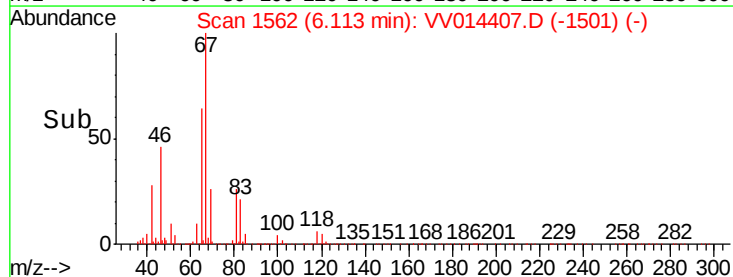
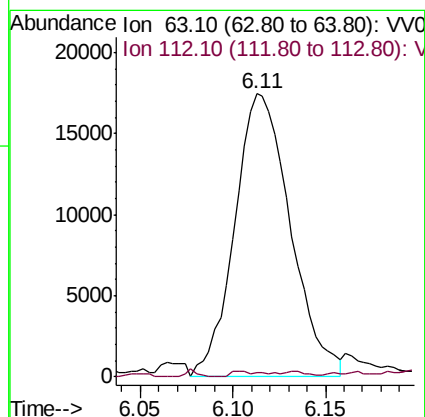
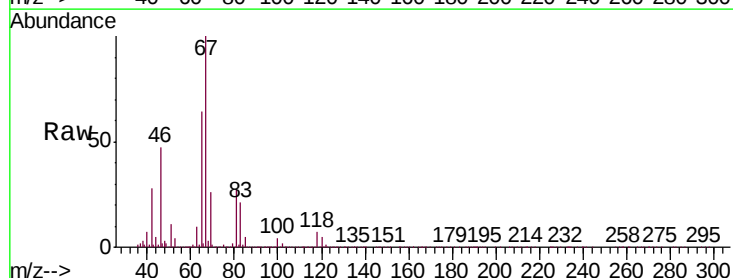
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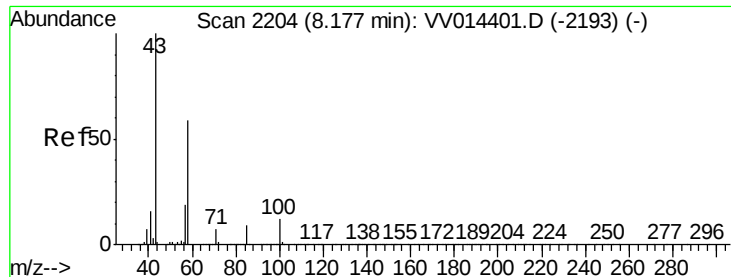
Tgt Ion: 83 Resp: 80520
Ion Ratio Lower Upper
83 100
55 0.7 61.7 92.5#
98 1.8 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 0.558 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV014407.D
Acq: 27 Jan 2020 15:50

Tgt Ion: 63 Resp: 36584
Ion Ratio Lower Upper
63 100
112 1.0 3.7 5.5#





#48
 2-Hexanone
 Concen: 3.404 ug/L
 RT: 8.14 min Scan# 2191
 Delta R.T. -0.04 min
 Lab File: VV014407.D
 Acq: 27 Jan 2020 15:50

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC2DL

Tgt Ion:	43	Resp:	97265
Ion	Ratio	Lower	Upper
43	100		
58	19.8	45.4	68.0#
57	23.9	15.8	23.8#
100	0.5	10.2	15.4#

