

Data File : VV013224.D
Acq On : 19 Oct 2019 01:14
Operator : SY/MD
Sample : K5321-09
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0AA8

Quant Time: Oct 19 06:39:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 06:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	394269	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	435943	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	226902	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	191684	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.58	69	159646	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.13	63	227394	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	3.97	46	465255	56.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.26%
24) Chloroform-d	4.40	84	395742	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.08	65	201496	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.09	84	783706	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.12	67	246834	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.36	98	620963	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	7.66	79	72858	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.13	63	359456	50.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.08%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	186936	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	291322	6.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.20%#

Target Compounds

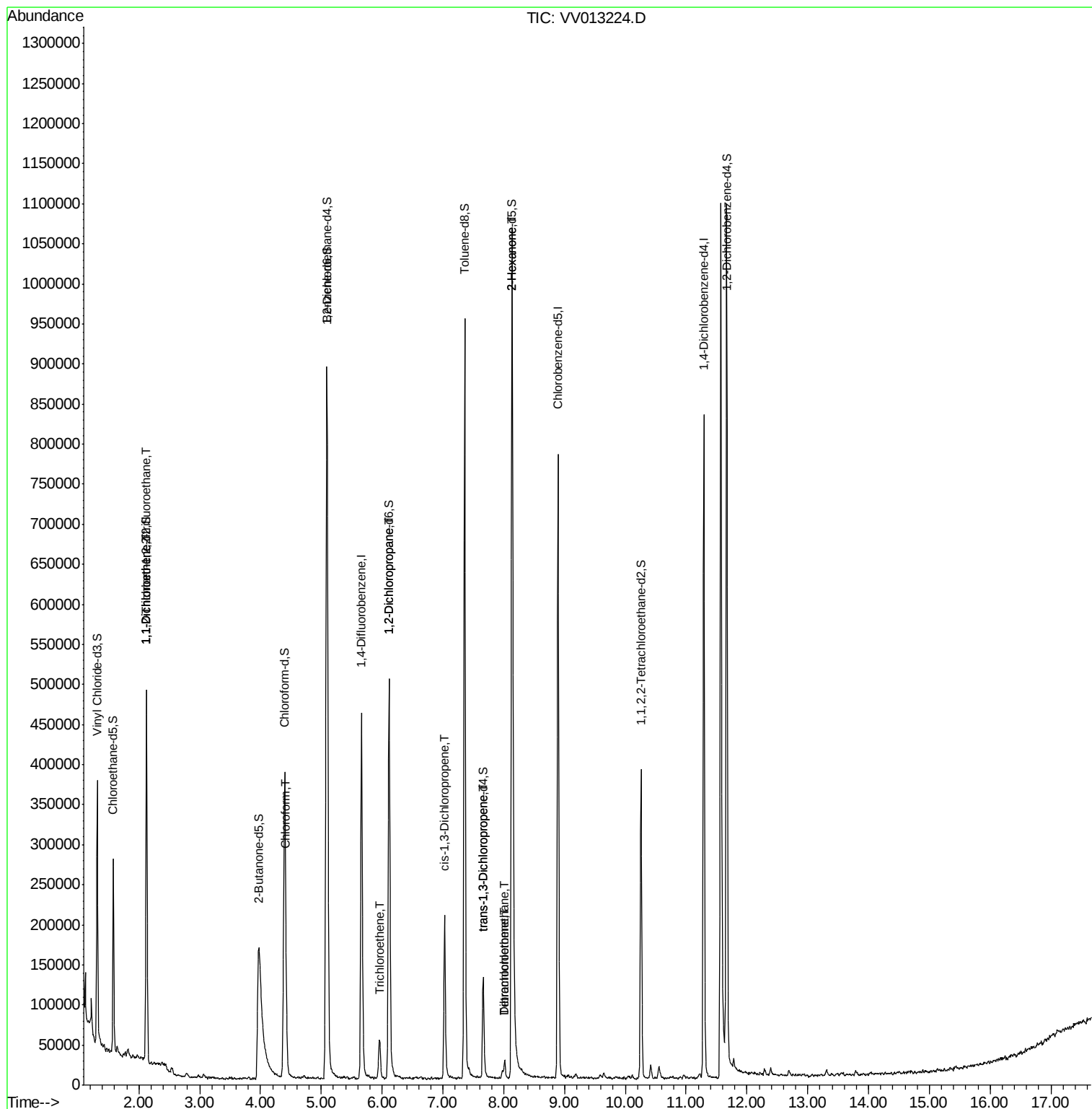
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2652	0.080 ug/L #	24
12) 1,1-Dichloroethene	2.13	96	2337	0.074 ug/L #	1
25) Chloroform	4.42	83	25669	0.323 ug/L	99
34) Trichloroethene	5.96	95	16629	0.365 ug/L	95
37) 1,2-Dichloropropane	6.12	63	26579	0.614 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	5440	0.094 ug/L #	37
44) trans-1,3-Dichloropropene	7.67	75	4087	0.092 ug/L	88
47) Tetrachloroethene	8.01	164	6223	0.156 ug/L	81
48) 2-Hexanone	8.14	43	58777	3.475 ug/L #	86
49) Dibromochloromethane	8.01	129	3630	0.102 ug/L #	11

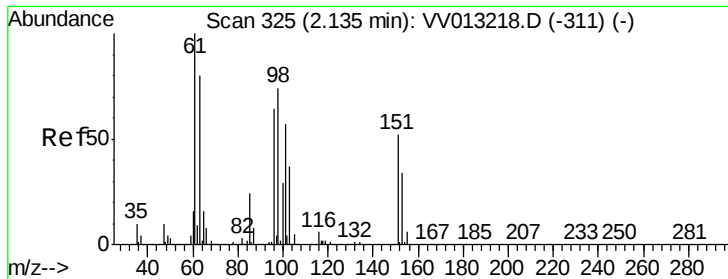
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.080 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013224.D

Acq: 19 Oct 2019 01:14

Instrument :

MSVOA_V

ClientSampleId :

E0AA8

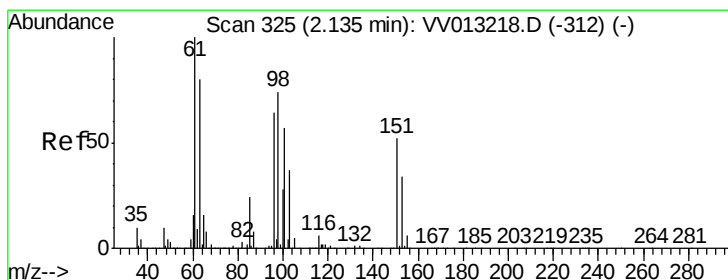
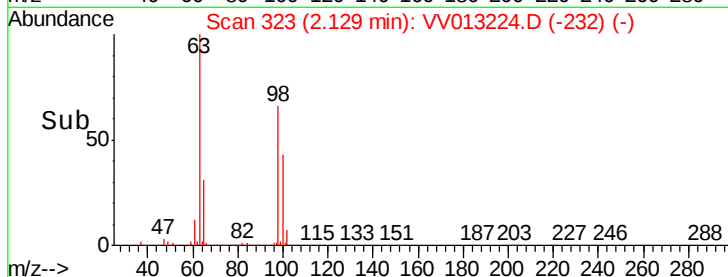
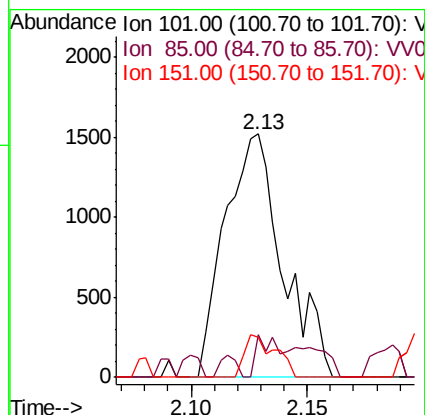
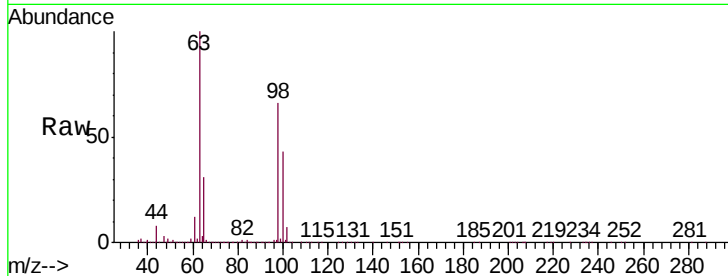
Tgt Ion: 101 Resp: 2652

Ion Ratio Lower Upper

101 100

85 7.2 32.4 48.6#

151 9.1 71.9 107.9#



#12

1,1-Dichloroethene

Concen: 0.074 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013224.D

Acq: 19 Oct 2019 01:14

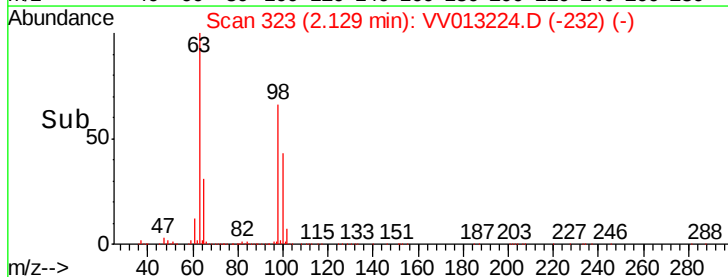
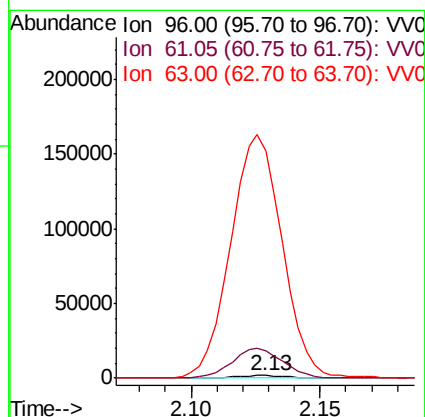
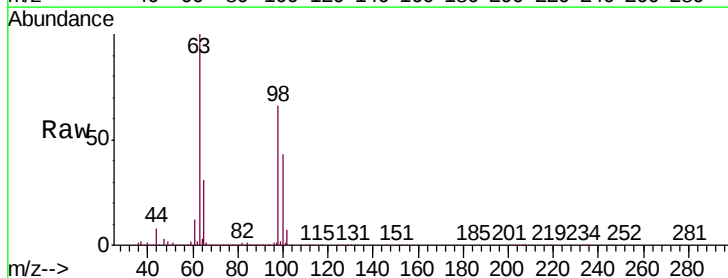
Tgt Ion: 96 Resp: 2337

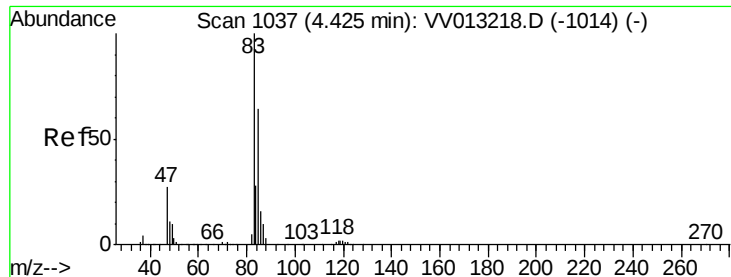
Ion Ratio Lower Upper

96 100

61 974.0 109.8 204.0#

63 8199.5 72.6 134.8#

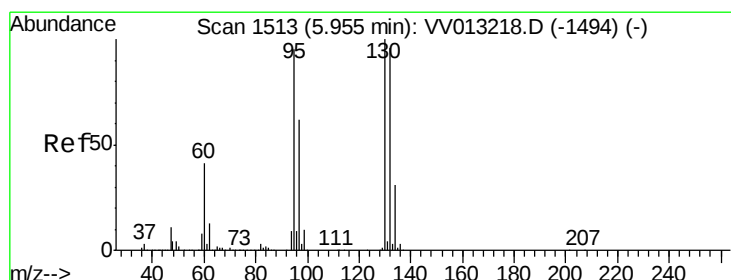
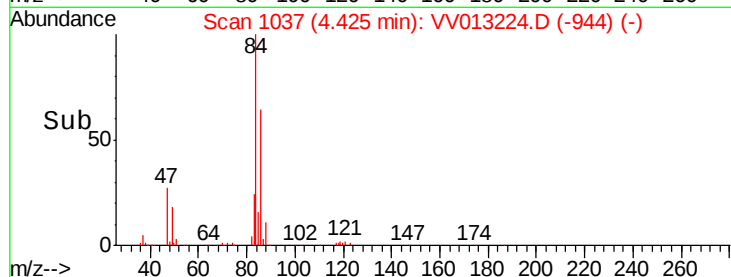
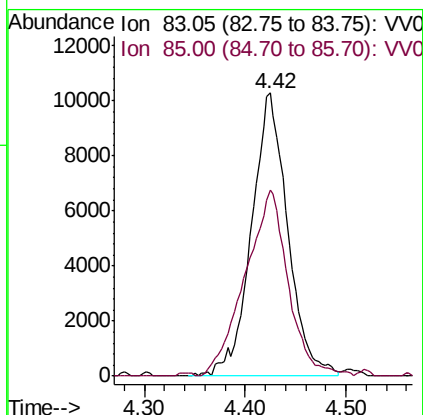
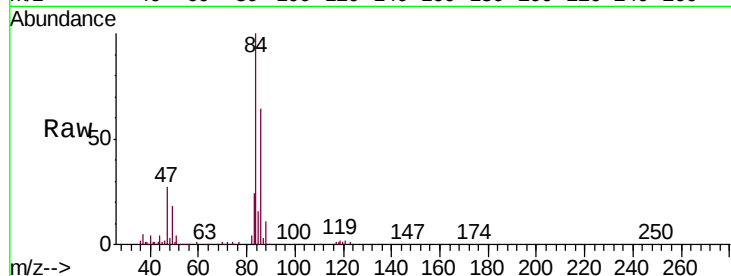




#25
Chloroform
Concen: 0.323 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV013224.D
Acq: 19 Oct 2019 01:14

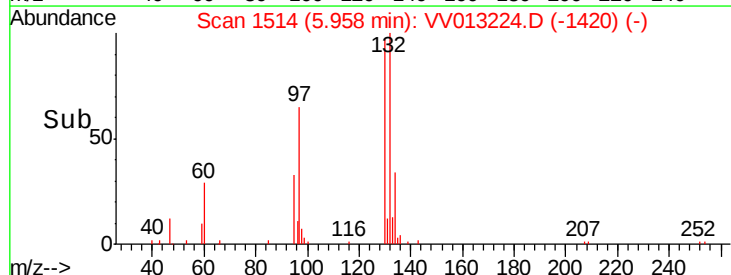
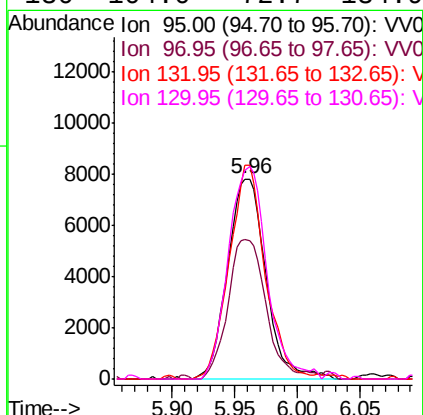
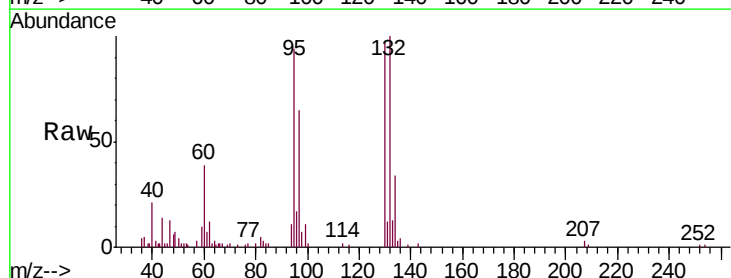
Instrument :
MSVOA_V
ClientSampleId :
E0AA8

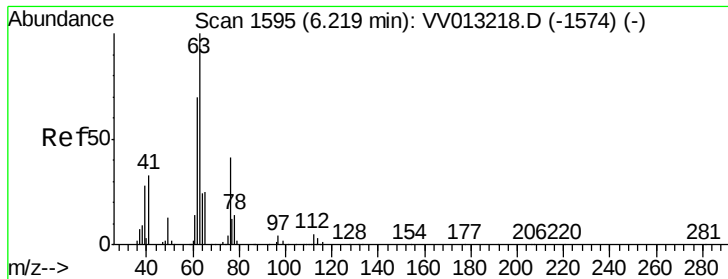
Tgt Ion: 83 Resp: 25669
Ion Ratio Lower Upper
83 100
85 65.9 45.5 84.5



#34
Trichloroethene
Concen: 0.365 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013224.D
Acq: 19 Oct 2019 01:14

Tgt Ion: 95 Resp: 16629
Ion Ratio Lower Upper
95 100
97 69.5 44.7 82.9
132 106.7 68.9 127.9
130 104.0 72.7 134.9





#37

1,2-Dichloropropane

Concen: 0.614 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV013224.D

Acq: 19 Oct 2019 01:14

Instrument :

MSVOA_V

ClientSampleId :

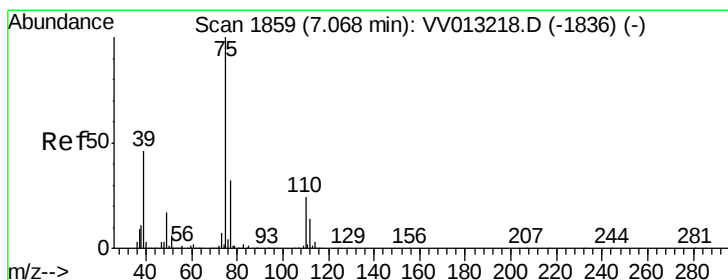
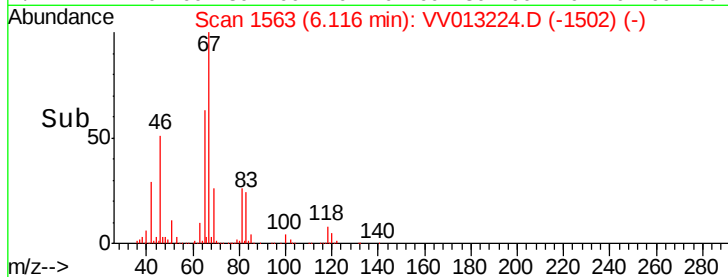
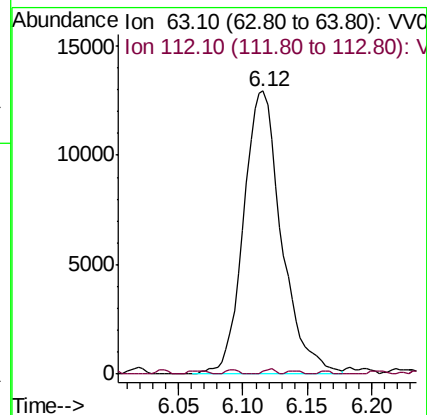
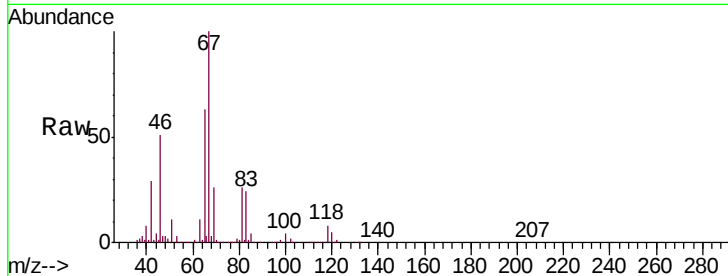
E0AA8

Tgt Ion: 63 Resp: 26579

Ion Ratio Lower Upper

63 100

112 0.5 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV013224.D

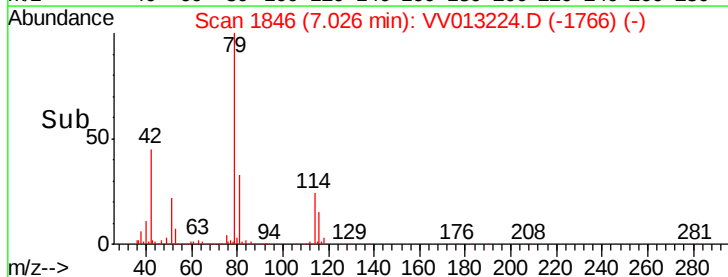
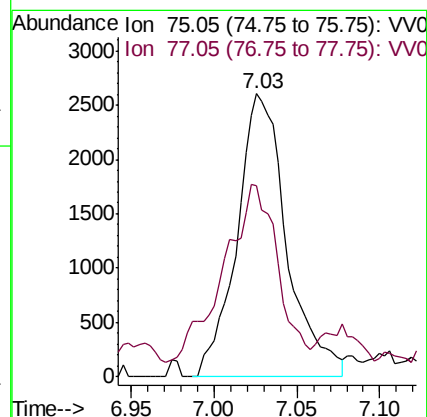
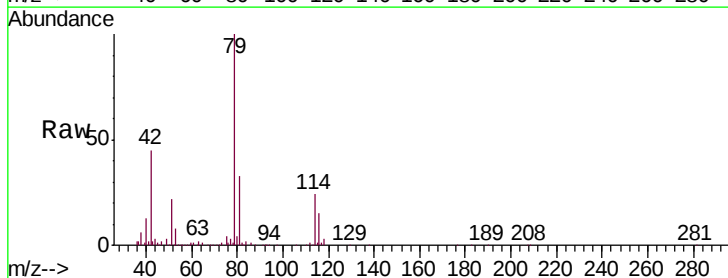
Acq: 19 Oct 2019 01:14

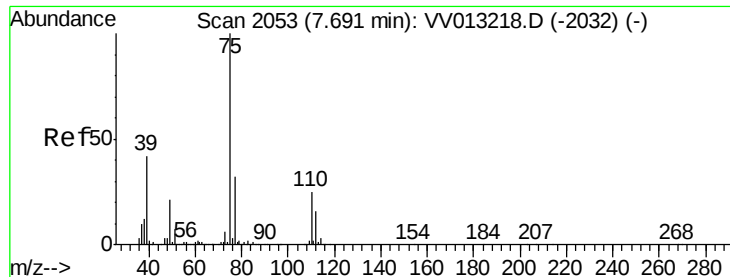
Tgt Ion: 75 Resp: 5440

Ion Ratio Lower Upper

75 100

77 67.5 22.6 42.0#





#44

trans-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV013224.D

Acq: 19 Oct 2019 01:14

Instrument :

MSVOA_V

ClientSampleId :

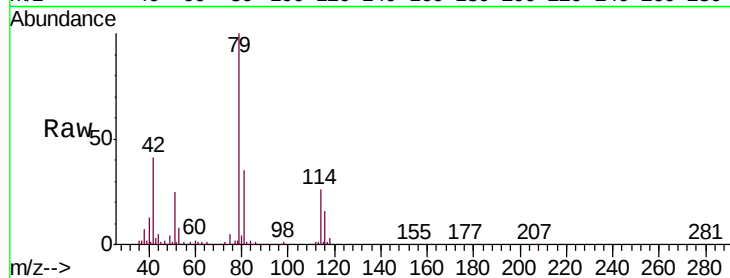
E0AA8

Tgt Ion: 75 Resp: 4087

Ion Ratio Lower Upper

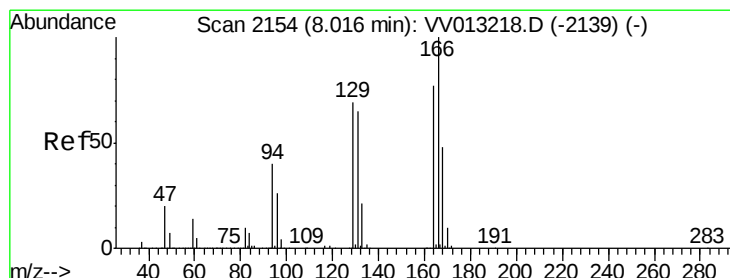
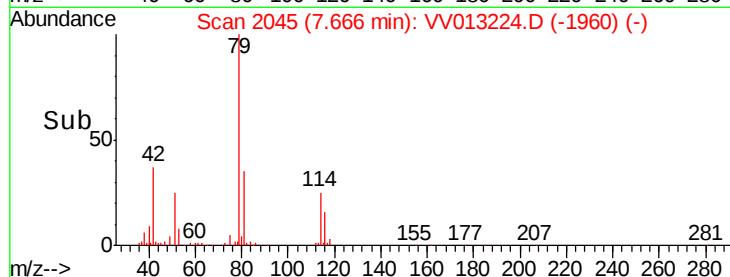
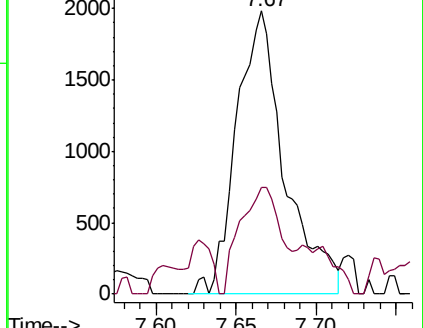
75 100

77 37.5 21.8 40.4



Abundance Ion 75.05 (74.75 to 75.75): VV013218.D (-2032) (-)

Ion 77.05 (76.75 to 77.75): VV013218.D (-2032) (-)



#47

Tetrachloroethene

Concen: 0.156 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VV013224.D

Acq: 19 Oct 2019 01:14

Tgt Ion: 164 Resp: 6223

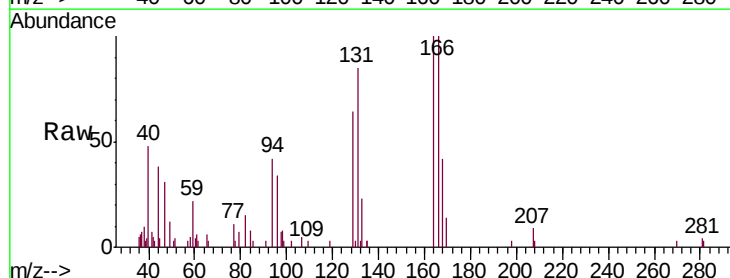
Ion Ratio Lower Upper

164 100

129 63.6 62.2 115.4

131 85.3 59.9 111.3

166 100.0 91.1 169.1

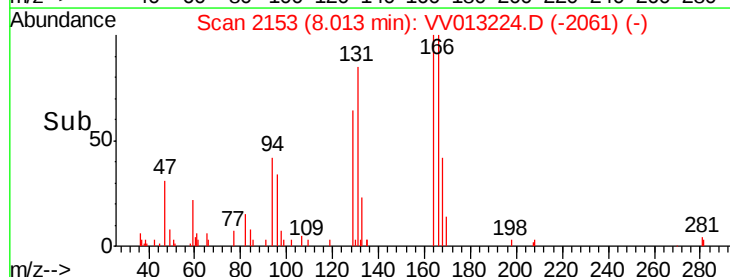
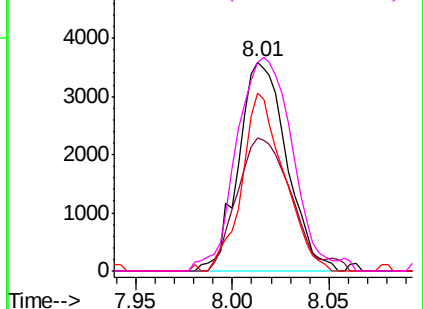


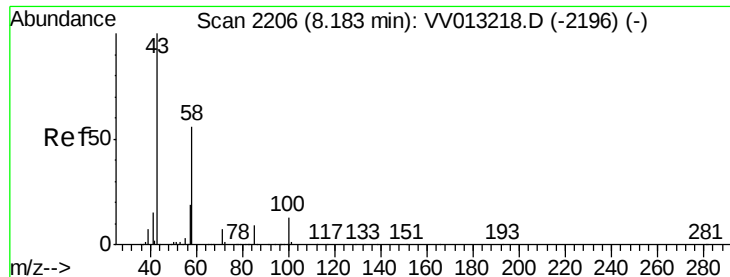
Abundance Ion 163.90 (163.60 to 164.60): VV013218.D (-2139) (-)

Ion 128.95 (128.65 to 129.65): VV013218.D (-2139) (-)

Ion 130.95 (130.65 to 131.65): VV013218.D (-2139) (-)

Ion 165.90 (165.60 to 166.60): VV013218.D (-2139) (-)

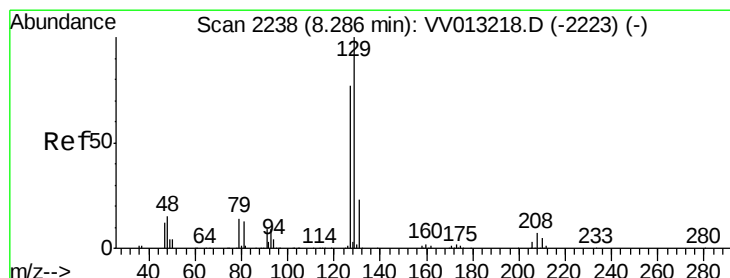
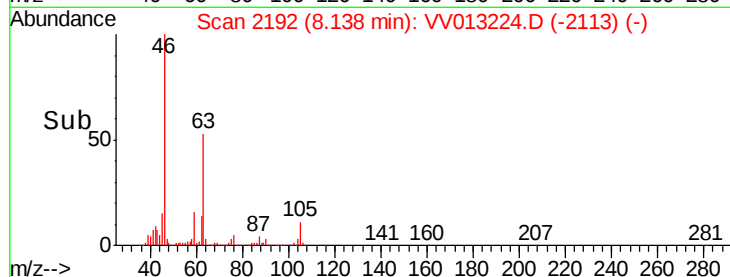
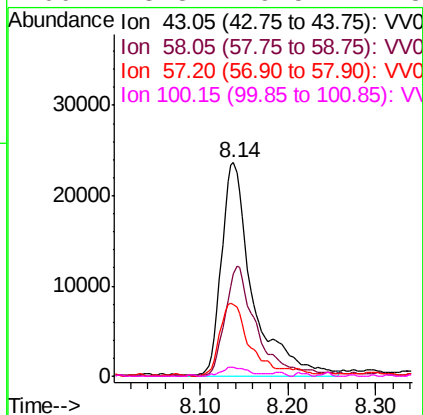
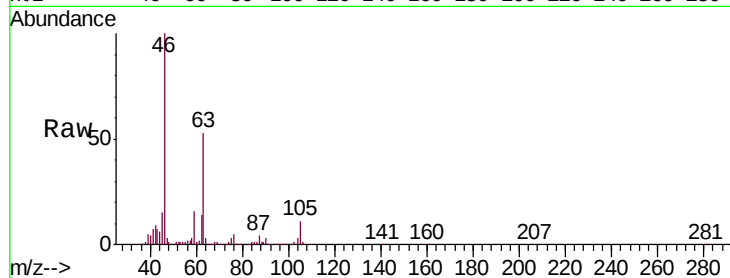




#48
2-Hexanone
Concen: 3.475 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV013224.D
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MSVOA_V
ClientSampleId :
E0AA8

Tgt Ion: 43 Resp: 58777
Ion Ratio Lower Upper
43 100
58 50.0 44.2 66.2
57 32.3 14.5 21.7#
100 3.8 9.5 14.3#



#49
Dibromochloromethane
Concen: 0.102 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. -0.27 min
Lab File: VV013224.D
Acq: 19 Oct 2019 01:14

Tgt Ion: 129 Resp: 3630
Ion Ratio Lower Upper
129 100
127 0.0 53.2 98.8#

