

Data File : VV012421.D
Acq On : 27 Aug 2019 12:16
Operator : SY/MD
Sample : K4501-02 200X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANL7

Quant Time: Aug 28 07:39:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 28 07:35:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	211786	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	213946	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80283	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55532	5.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.00%
7) Chloroethane-d5	1.58	69	43061	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.20%
11) 1,1-Dichloroethene-d2	2.13	63	76852	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.80%
20) 2-Butanone-d5	3.97	46	156730	54.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.88%
24) Chloroform-d	4.40	84	125743	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.08	65	64227	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.20%
32) Benzene-d6	5.10	84	246801	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.12	67	80079	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.36	98	195512	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	7.67	79	24709	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.14	63	74683	40.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45786	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	67143	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

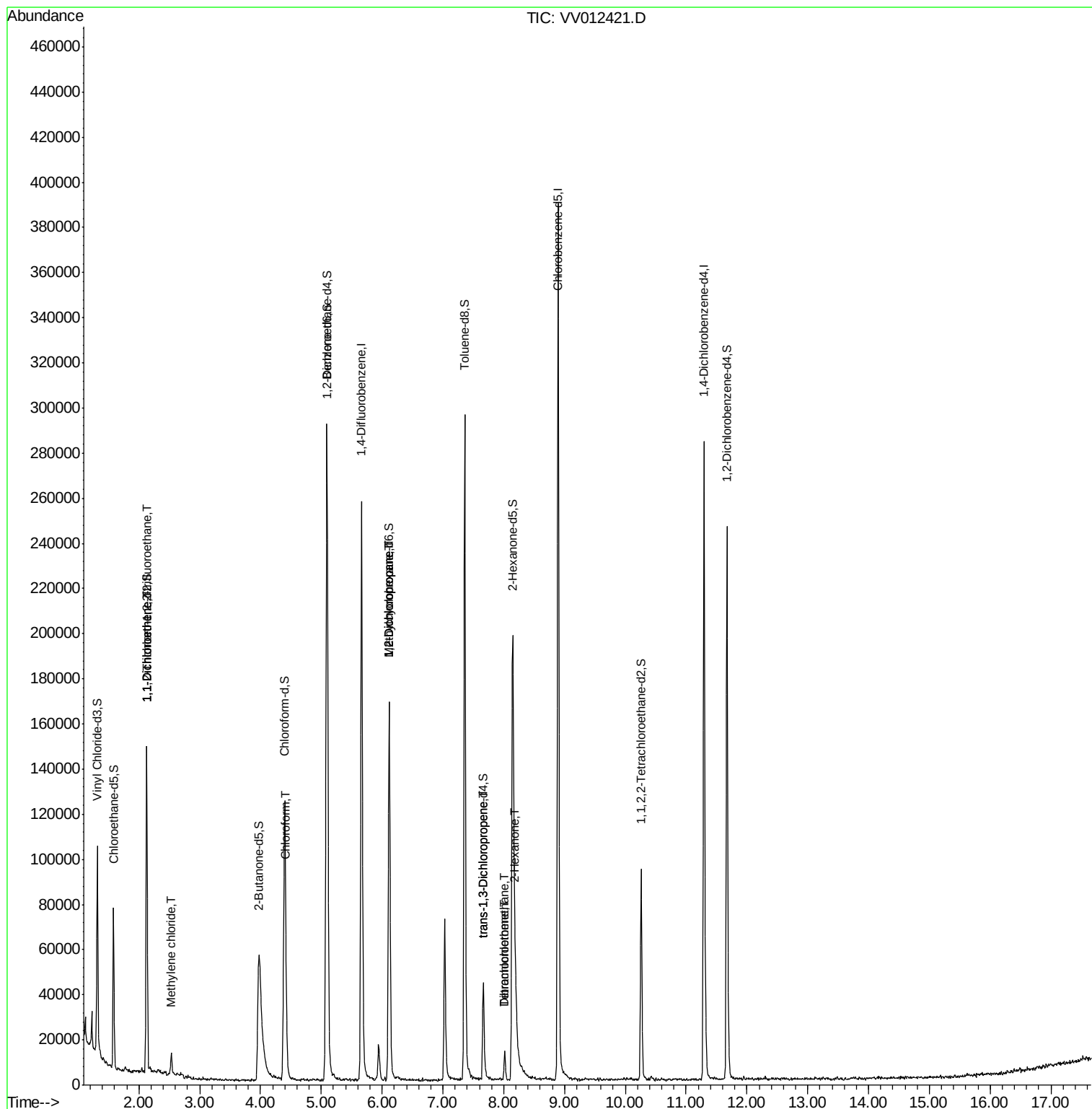
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	833	0.089 ug/L #	17
12) 1,1-Dichloroethene	2.13	96	714	0.084 ug/L #	1
16) Methylene chloride	2.53	84	3866	0.408 ug/L	91
25) Chloroform	4.42	83	8116	0.310 ug/L	99
35) Methylcyclohexane	6.12	83	18855	0.815 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	9286	0.672 ug/L #	86
44) trans-1,3-Dichloropropene	7.66	75	1095	0.078 ug/L #	45
47) Tetrachloroethene	8.02	164	2989	0.252 ug/L	90
48) 2-Hexanone	8.19	43	22254	4.165 ug/L #	78
49) Dibromochloromethane	8.02	129	2331	0.217 ug/L #	11

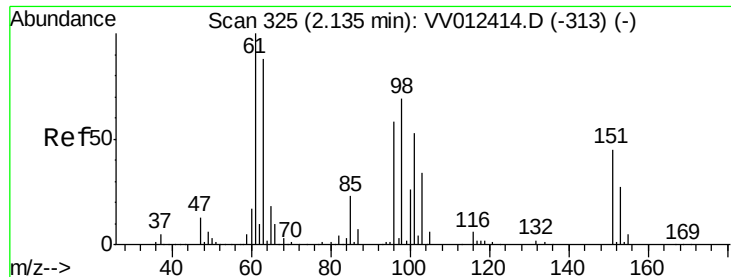
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.089 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012421.D

Acq: 27 Aug 2019 12:16

Instrument :

MSVOA_V

ClientSampleId :

GANL7

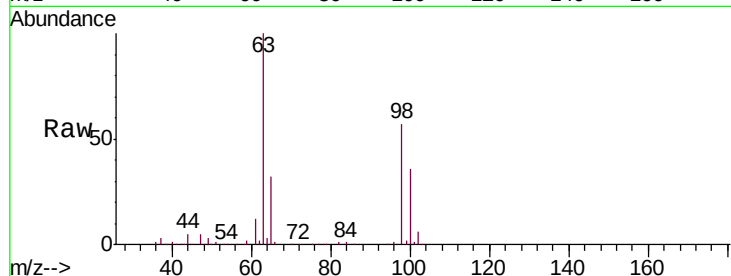
Tgt Ion: 101 Resp: 833

Ion Ratio Lower Upper

101 100

85 5.0 34.6 51.8#

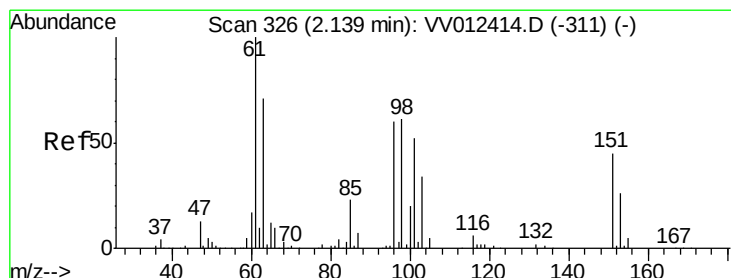
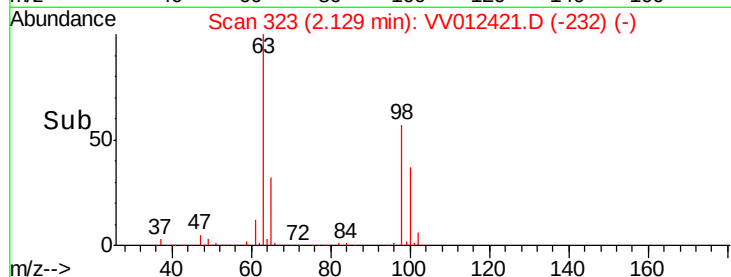
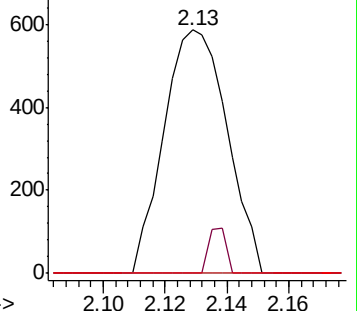
151 0.0 71.2 106.8#



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: 0.084 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012421.D

Acq: 27 Aug 2019 12:16

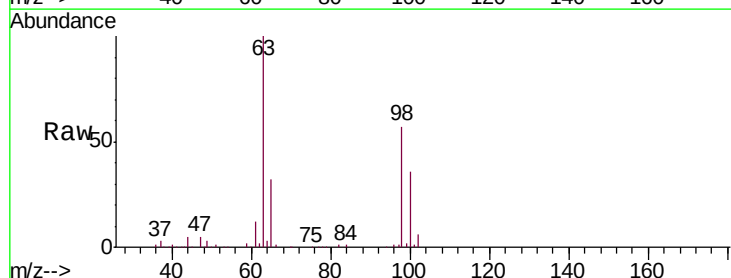
Tgt Ion: 96 Resp: 714

Ion Ratio Lower Upper

96 100

61 1195.5 122.3 227.1#

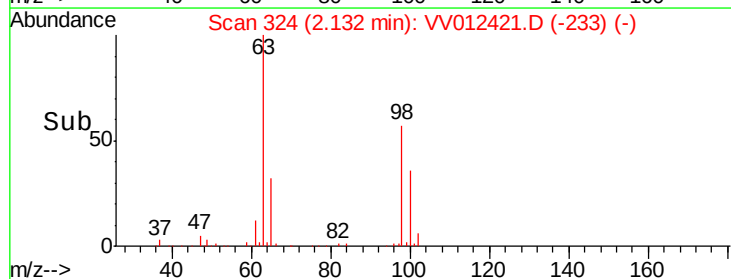
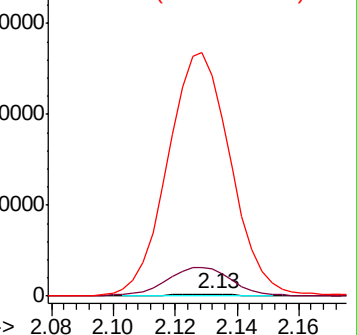
63 9855.3 90.6 168.2#

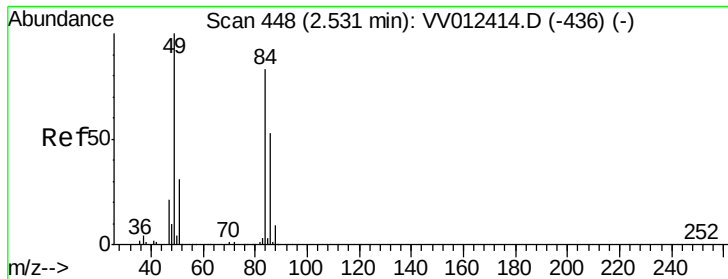


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

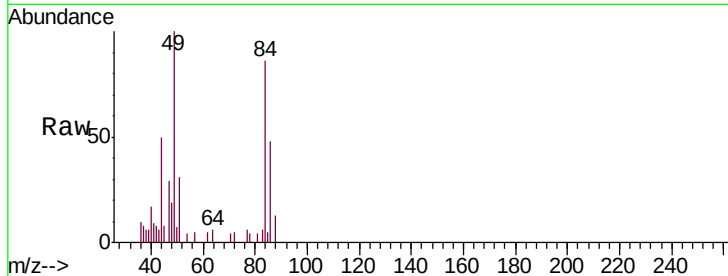




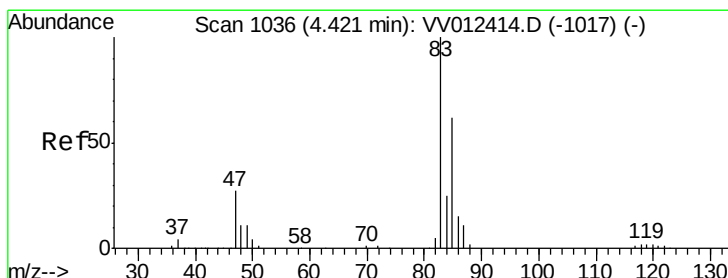
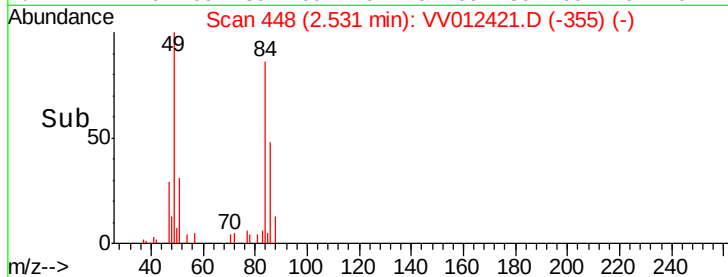
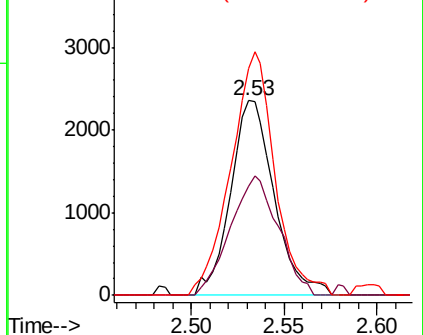
#16
Methylene chloride
Concen: 0.408 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV012421.D
Acq: 27 Aug 2019 12:16

Instrument :
MSVOA_V
ClientSampleId :
GANL7

Tgt Ion: 84 Resp: 3866
Ion Ratio Lower Upper
84 100
86 56.2 44.9 83.5
49 124.9 81.1 150.7

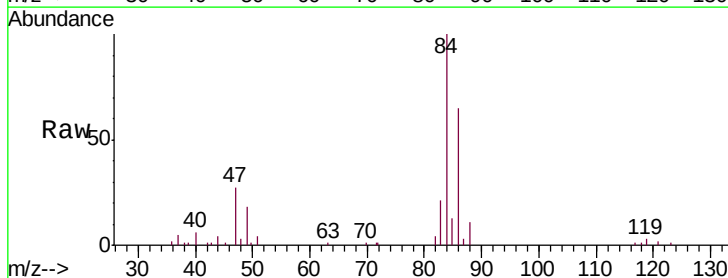


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

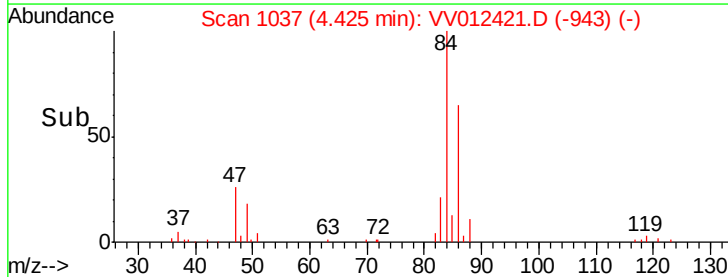
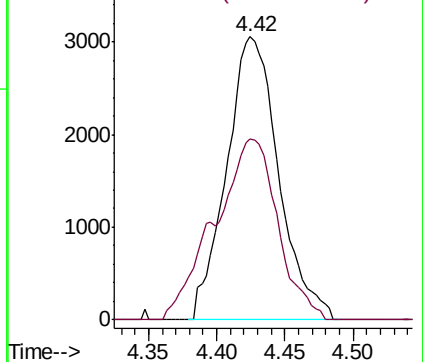


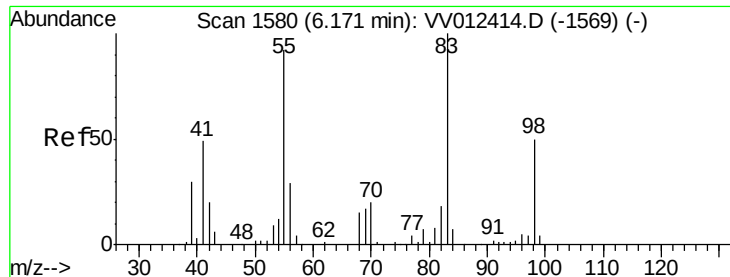
#25
Chloroform
Concen: 0.310 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV012421.D
Acq: 27 Aug 2019 12:16

Tgt Ion: 83 Resp: 8116
Ion Ratio Lower Upper
83 100
85 64.2 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

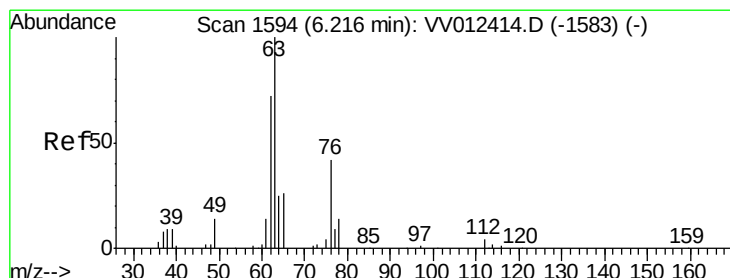
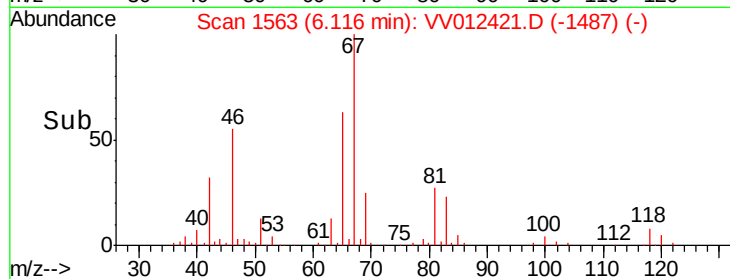
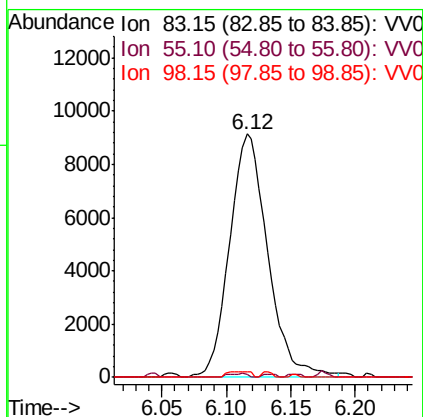
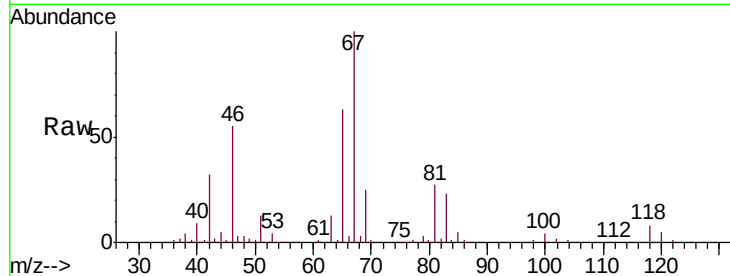




#35
Methylcyclohexane
Concen: 0.815 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012421.D
Acq: 27 Aug 2019 12:16

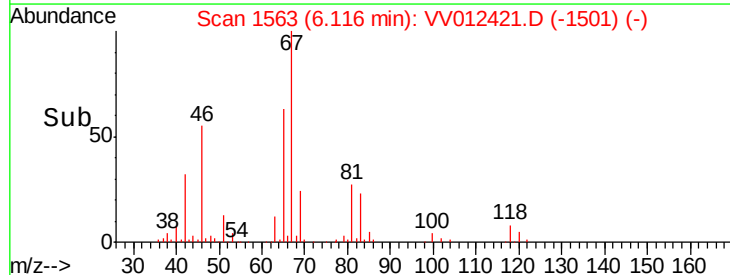
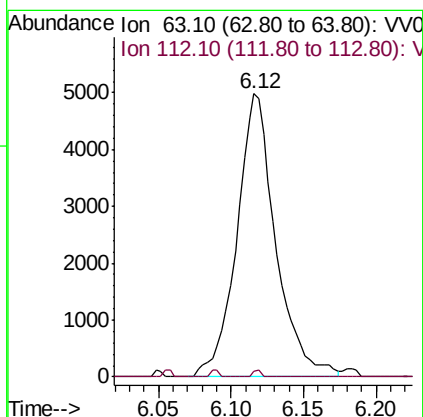
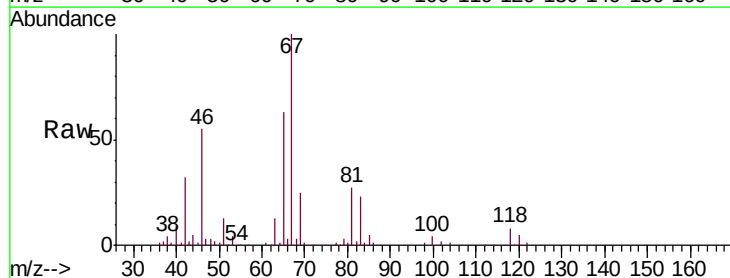
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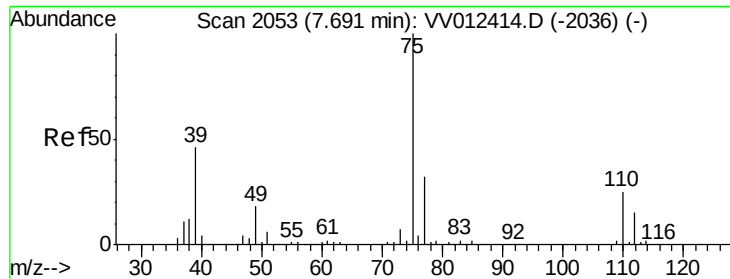
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.8	64.6	97.0#
98	1.4	39.0	58.4#



#37
1,2-Dichloropropane
Concen: 0.672 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012421.D
Acq: 27 Aug 2019 12:16

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.5	4.2	6.2#

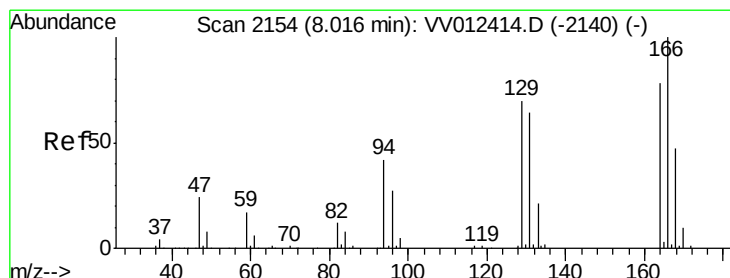
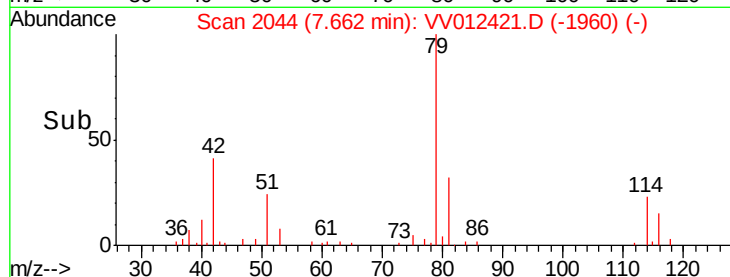
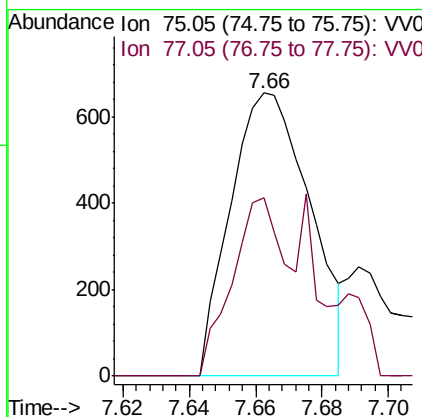
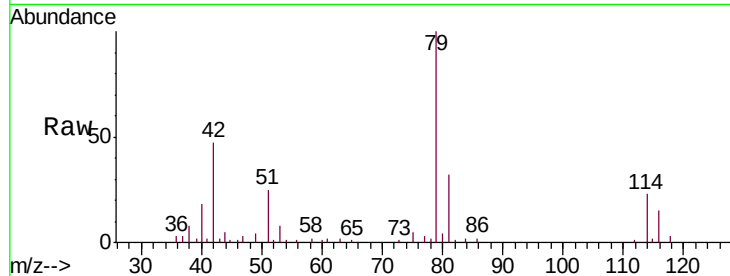




#44
trans-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012421.D
Acq: 27 Aug 2019 12:16

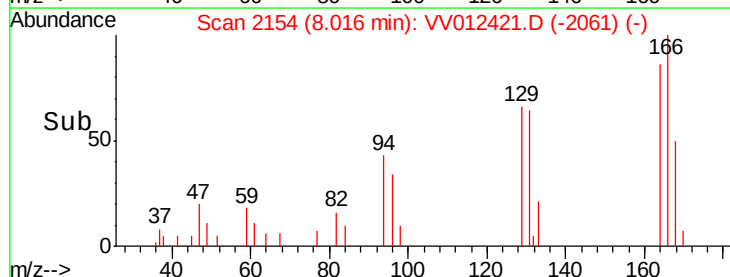
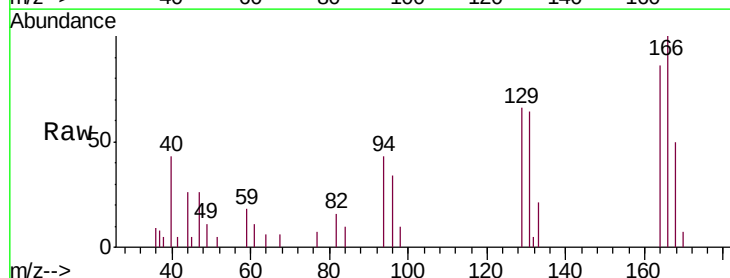
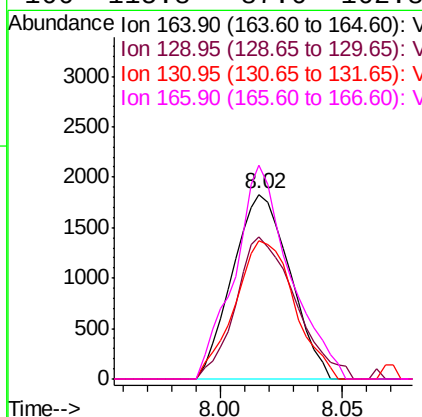
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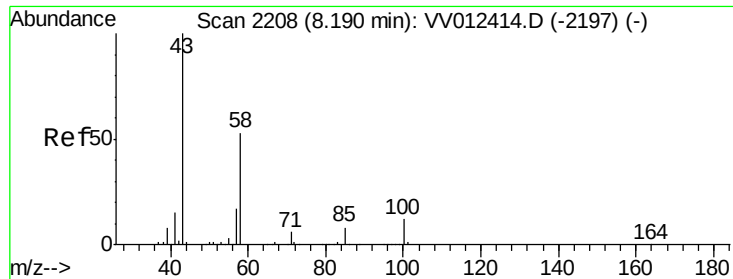
Tgt Ion: 75 Resp: 1095
Ion Ratio Lower Upper
75 100
77 63.1 22.6 42.0#



#47
Tetrachloroethene
Concen: 0.252 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV012421.D
Acq: 27 Aug 2019 12:16

Tgt Ion: 164 Resp: 2989
Ion Ratio Lower Upper
164 100
129 76.7 60.6 112.6
131 74.6 58.8 109.2
166 115.8 87.6 162.8

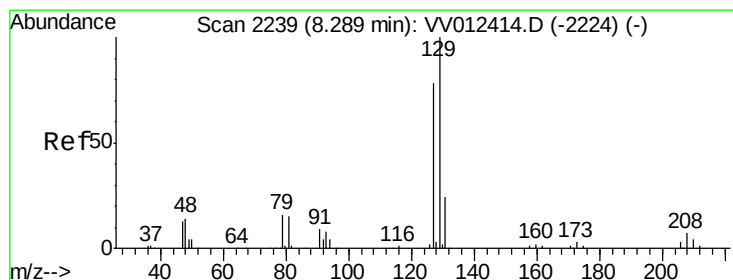
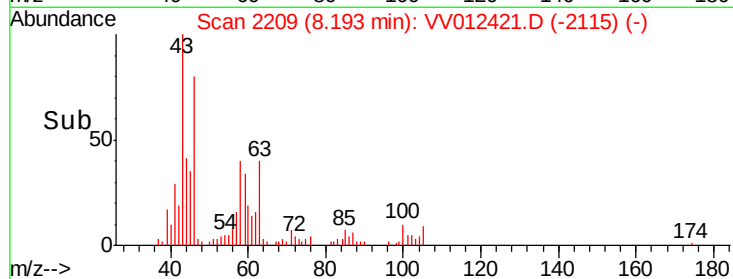
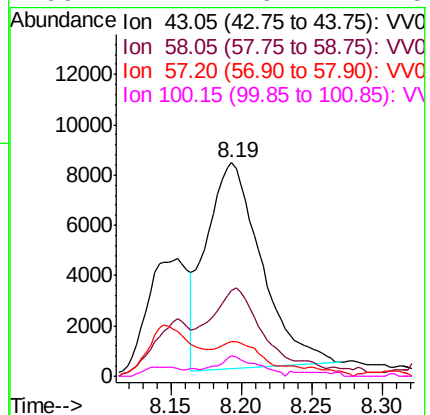
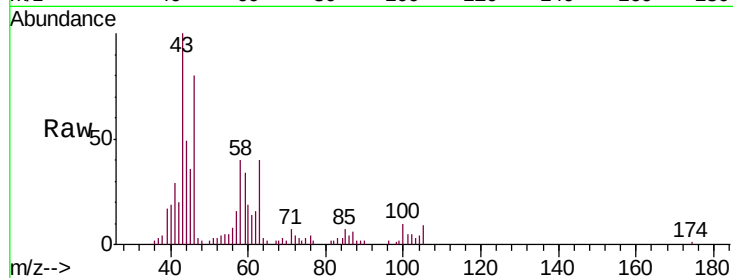




#48
2-Hexanone
Concen: 4.165 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VV012421.D
Acq: 27 Aug 2019 12:16

Instrument :
MSVOA_V
ClientSampleId :
GANL7

Tgt Ion: 43 Resp: 22254
Ion Ratio Lower Upper
43 100
58 39.6 46.3 69.5#
57 8.8 14.9 22.3#
100 7.2 9.7 14.5#



#49
Dibromochloromethane
Concen: 0.217 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV012421.D
Acq: 27 Aug 2019 12:16

Tgt Ion: 129 Resp: 2331
Ion Ratio Lower Upper
129 100
127 0.0 53.8 99.8#

