

Data File : VV012823.D
Acq On : 16 Sep 2019 03:12
Operator : SY/MD
Sample : K4834-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00557

Quant Time: Sep 16 08:21:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 08:14:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	342086	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	330126	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	111451	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	186405	8.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	160.60%#
7) Chloroethane-d5	1.58	69	155743	8.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	162.20%#
11) 1,1-Dichloroethene-d2	2.13	63	222622	5.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	118.80%
20) 2-Butanone-d5	3.98	46	416685	74.62	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	149.24%#
24) Chloroform-d	4.40	84	301544	7.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	143.00%#
26) 1,2-Dichloroethane-d4	5.08	65	159673	7.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	158.20%#
32) Benzene-d6	5.09	84	606709	7.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	153.80%#
36) 1,2-Dichloropropane-d6	6.12	67	191138	7.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	152.60%#
41) Toluene-d8	7.36	98	451251	6.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	127.60%
43) trans-1,3-Dichloropropene-	7.66	79	55265	6.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	128.40%
46) 2-Hexanone-d5	8.14	63	204177	62.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	107930	6.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	146410	7.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	153.60%#

Target Compounds

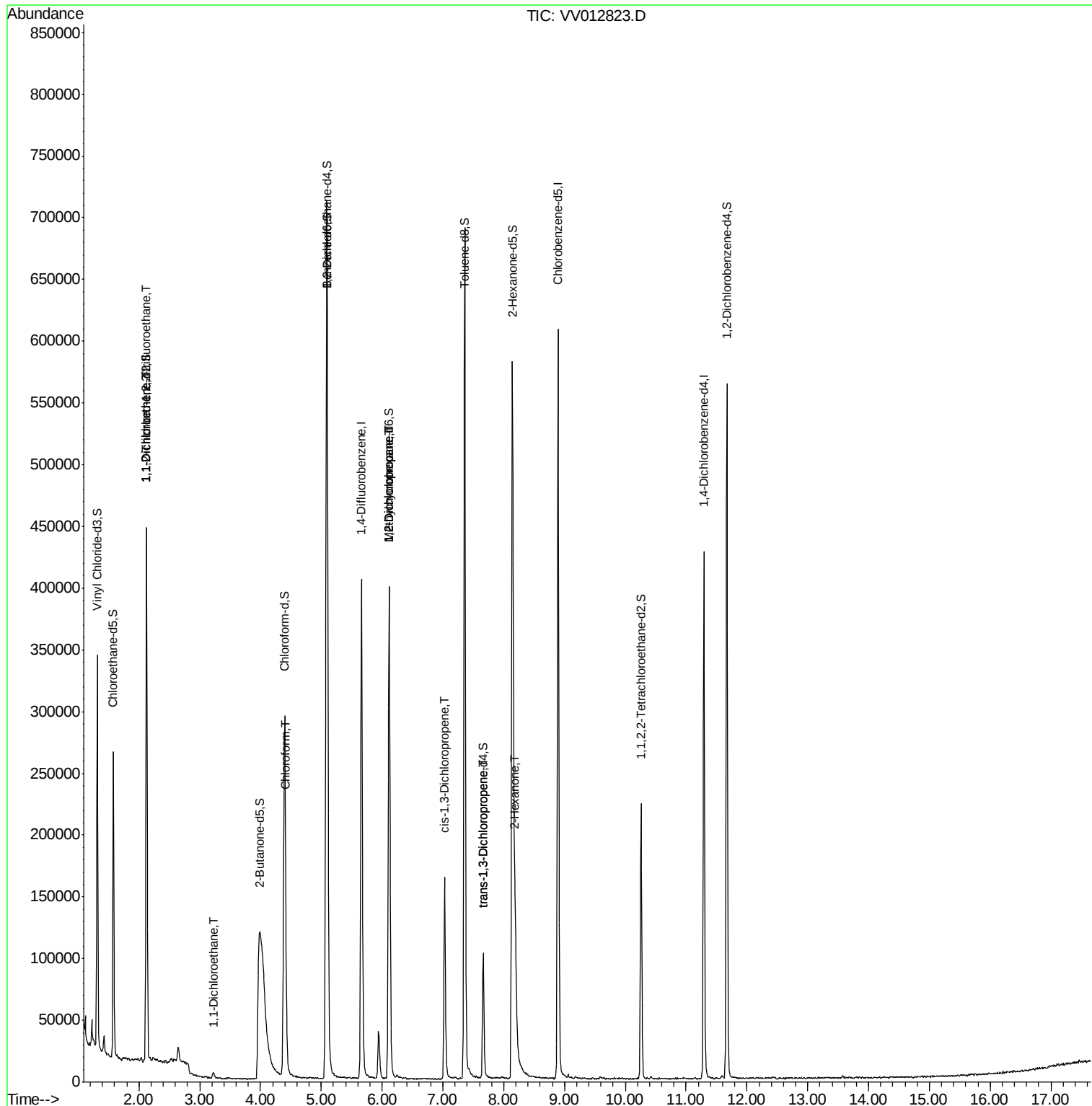
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2498	0.112 ug/L #	19
12) 1,1-Dichloroethene	2.13	96	2460	0.116 ug/L #	1
19) 1,1-Dichloroethane	3.23	63	4566	0.102 ug/L	96
25) Chloroform	4.42	83	8544	0.172 ug/L	99
35) Methylcyclohexane	6.12	83	44611	1.184 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	20540	0.855 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	3978	0.126 ug/L #	65
44) trans-1,3-Dichloropropene	7.67	75	2649	0.111 ug/L	88
48) 2-Hexanone	8.19	43	77331	8.112 ug/L #	85

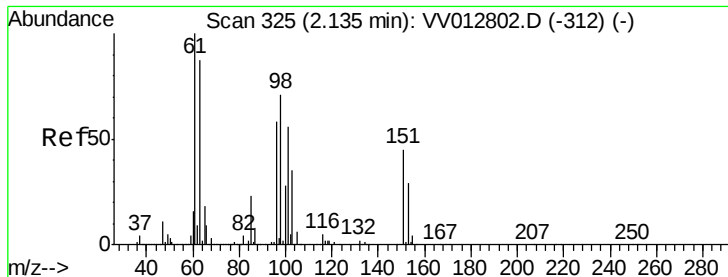
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.112 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012823.D

Acq: 16 Sep 2019 03:12

Instrument :

MSVOA_V

ClientSampleId :

VSTD00557

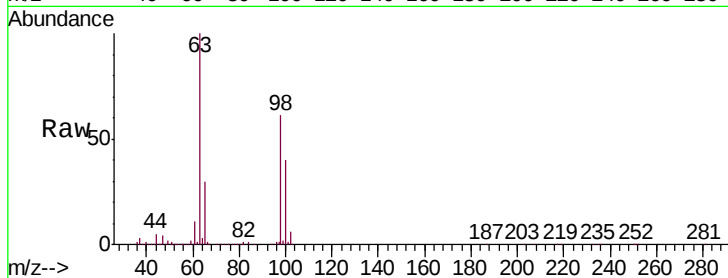
Tgt Ion:101 Resp: 2498

Ion Ratio Lower Upper

101 100

85 1.8 33.0 49.6#

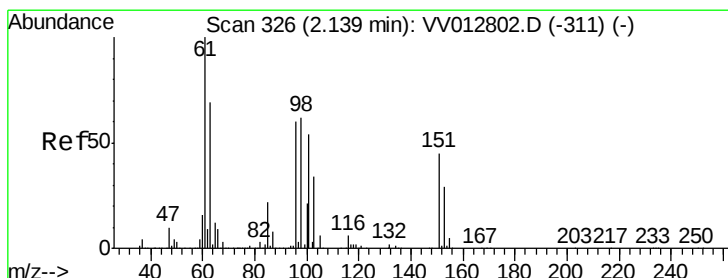
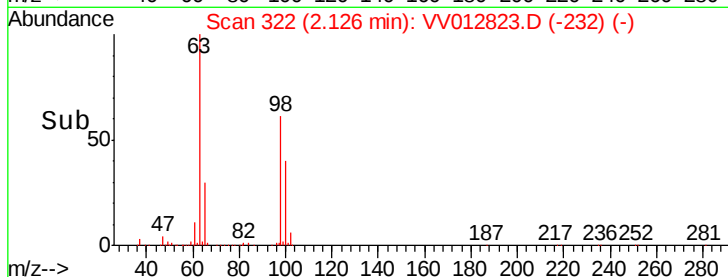
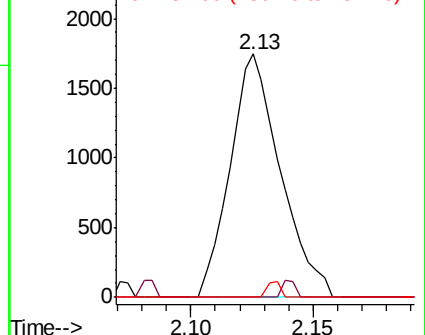
151 1.7 65.8 98.8#



Abundance Ion 101.00 (100.70 to 101.70): VV012823.D (-232) (-)

Ion 85.00 (84.70 to 85.70): VV012823.D (-232) (-)

Ion 151.00 (150.70 to 151.70): VV012823.D (-232) (-)



#12

1,1-Dichloroethene

Concen: 0.116 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012823.D

Acq: 16 Sep 2019 03:12

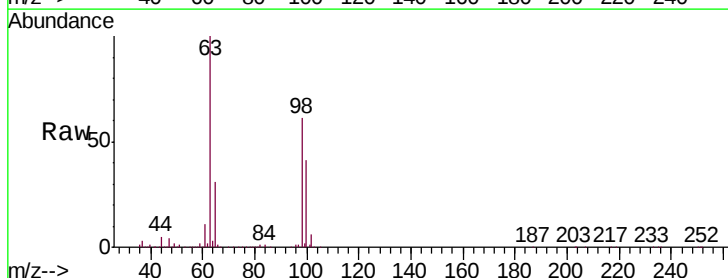
Tgt Ion: 96 Resp: 2460

Ion Ratio Lower Upper

96 100

61 1099.5 115.8 215.0#

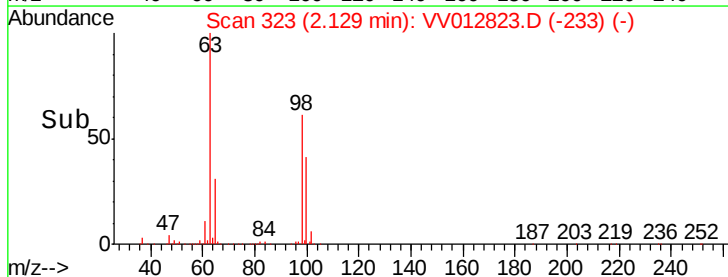
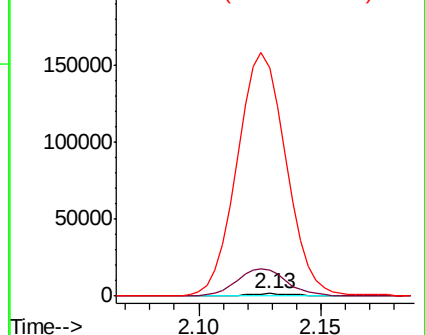
63 9597.9 79.4 147.4#

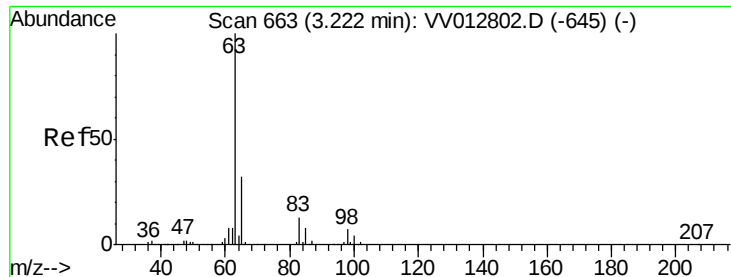


Abundance Ion 96.00 (95.70 to 96.70): VV012823.D (-233) (-)

Ion 61.05 (60.75 to 61.75): VV012823.D (-233) (-)

Ion 63.00 (62.70 to 63.70): VV012823.D (-233) (-)

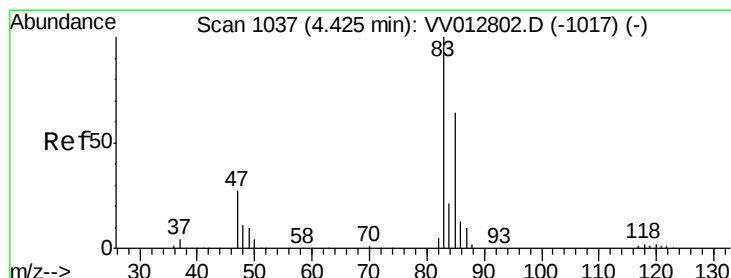
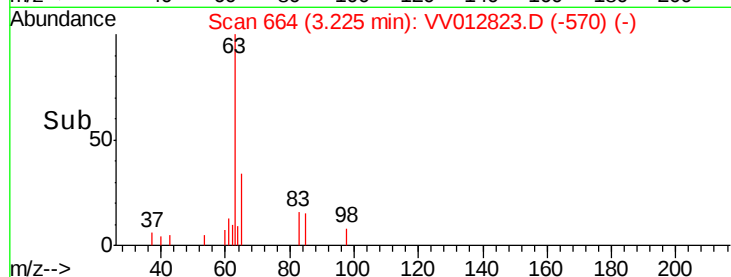
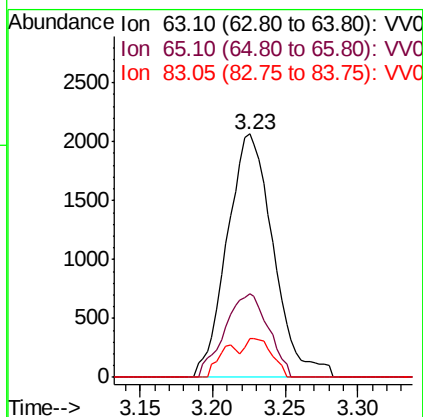
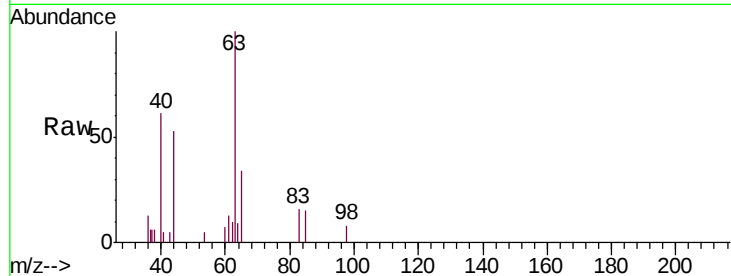




#19
 1,1-Dichloroethane
 Concen: 0.102 ug/L
 RT: 3.23 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: VV012823.D
 Acq: 16 Sep 2019 03:12

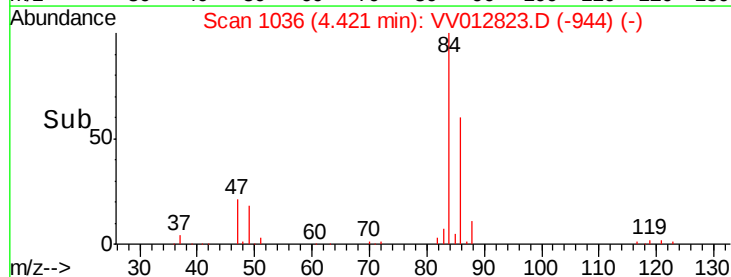
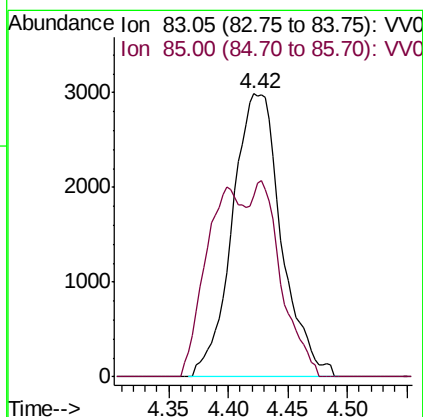
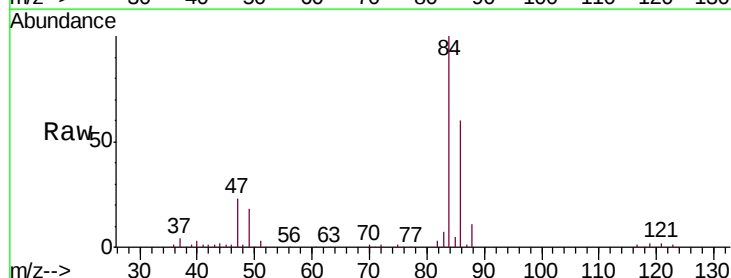
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00557

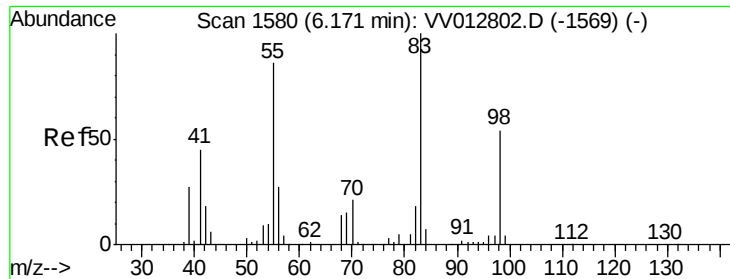
Tgt Ion: 63 Resp: 4566
 Ion Ratio Lower Upper
 63 100
 65 34.2 22.7 42.3
 83 15.8 9.1 16.9



#25
 Chloroform
 Concen: 0.172 ug/L
 RT: 4.42 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VV012823.D
 Acq: 16 Sep 2019 03:12

Tgt Ion: 83 Resp: 8544
 Ion Ratio Lower Upper
 83 100
 85 64.0 45.3 84.1

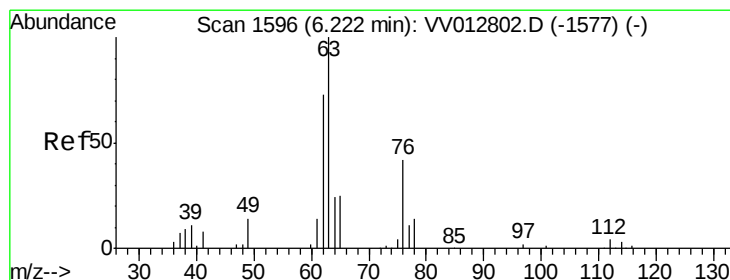
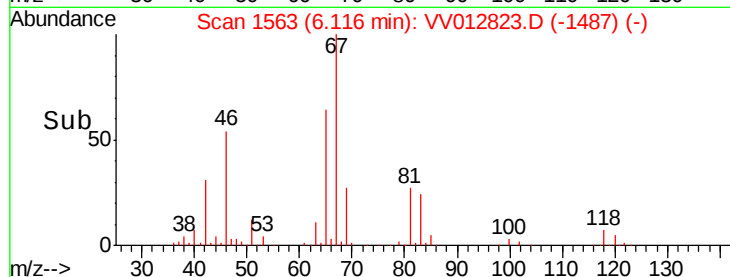
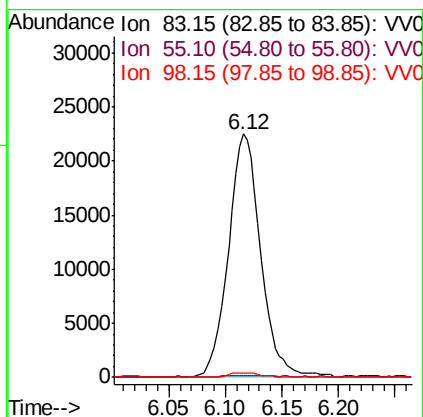
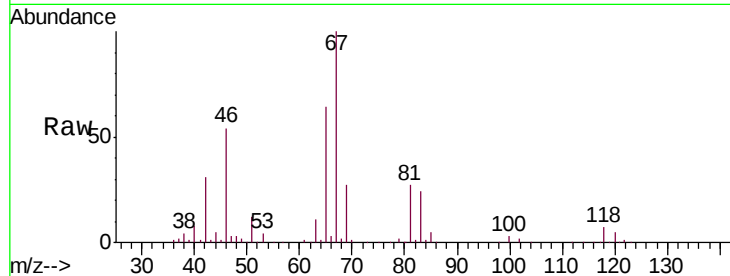




#35
Methylcyclohexane
Concen: 1.184 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012823.D
Acq: 16 Sep 2019 03:12

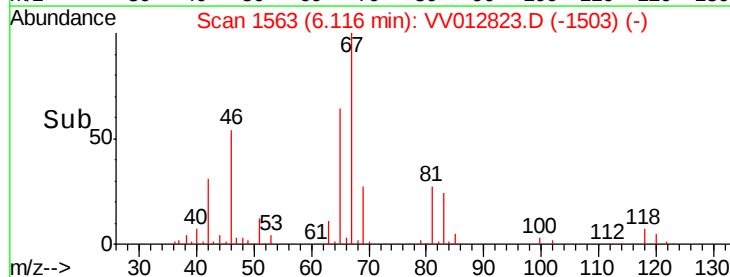
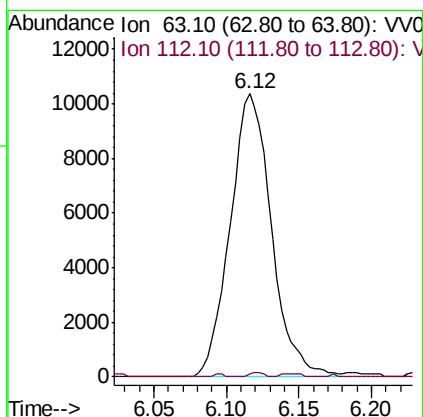
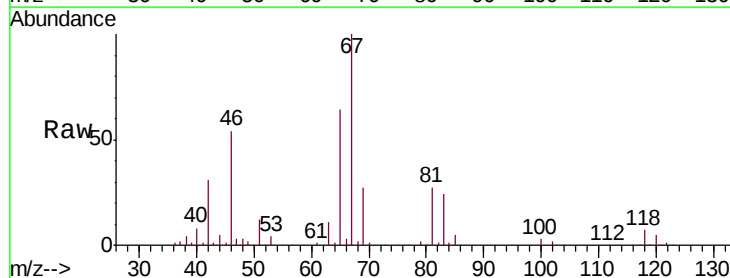
Instrument :
MSVOA_V
ClientSampleId :
VSTD00557

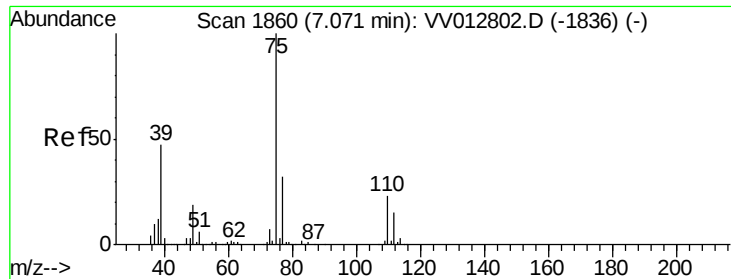
Tgt Ion: 83 Resp: 44611
Ion Ratio Lower Upper
83 100
55 0.4 63.0 94.4#
98 1.8 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.855 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV012823.D
Acq: 16 Sep 2019 03:12

Tgt Ion: 63 Resp: 20540
Ion Ratio Lower Upper
63 100
112 0.5 3.8 5.6#



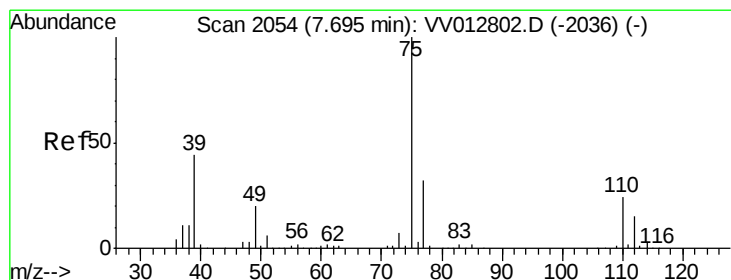
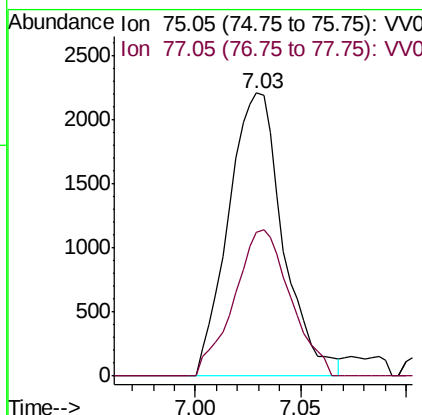
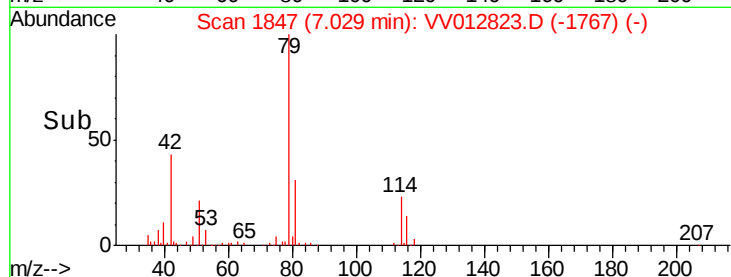
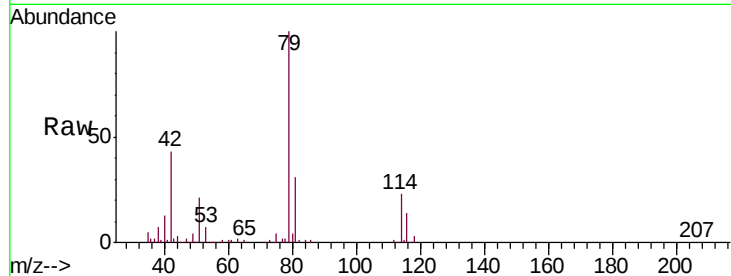


#39

cis-1,3-Dichloropropene
Concen: 0.126 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV012823.D
Acq: 16 Sep 2019 03:12

Instrument :
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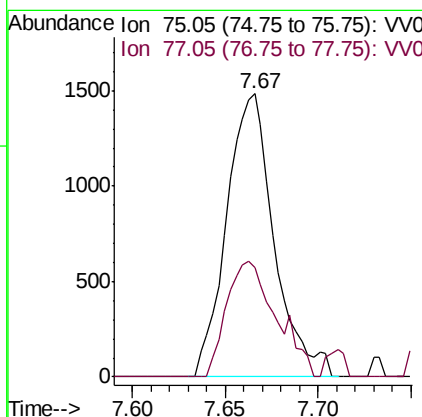
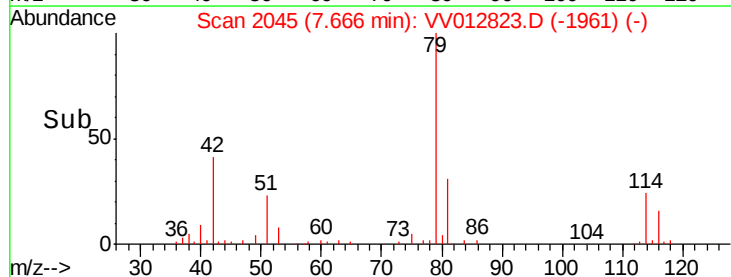
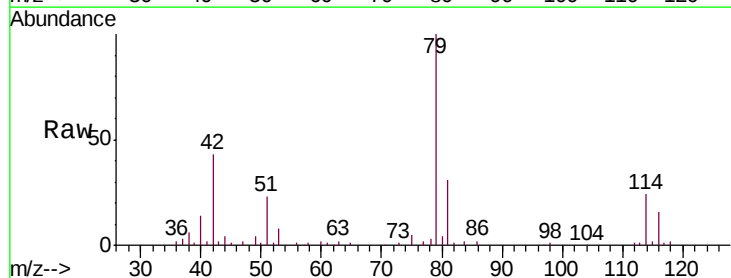
Tgt Ion: 75 Resp: 3978
Ion Ratio Lower Upper
75 100
77 51.0 22.3 41.3#

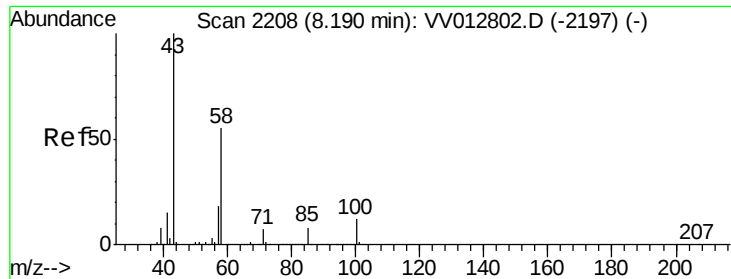


#44

trans-1,3-Dichloropropene
Concen: 0.111 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV012823.D
Acq: 16 Sep 2019 03:12

Tgt Ion: 75 Resp: 2649
Ion Ratio Lower Upper
75 100
77 38.6 22.4 41.6





#48

2-Hexanone

Concen: 8.112 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VV012823.D

Acq: 16 Sep 2019 03:12

Instrument :

MSVOA_V

ClientSampleId :

VSTD00557

Tgt Ion: 43 Resp: 77331

Ion Ratio Lower Upper

43 100

58 42.3 44.8 67.2#

57 16.9 14.9 22.3

100 7.2 9.8 14.8#

