

Data File : VV014272.D
Acq On : 10 Jan 2020 16:23
Operator : SY/MD
Sample : L1101-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GASC3

Quant Time: Jan 11 00:04:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jan 11 00:01:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1045972	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	954523	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	436186	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	314579	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.59	69	263133	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.13	63	376325	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.92	46	746513	42.46	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.92%
24) Chloroform-d	4.40	84	511342	3.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.20%
26) 1,2-Dichloroethane-d4	5.08	65	298855	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
32) Benzene-d6	5.09	84	1264830	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.11	67	397181	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.35	98	1143258	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.66	79	162797	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.13	63	674295	40.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.54%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	270211	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	366959	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

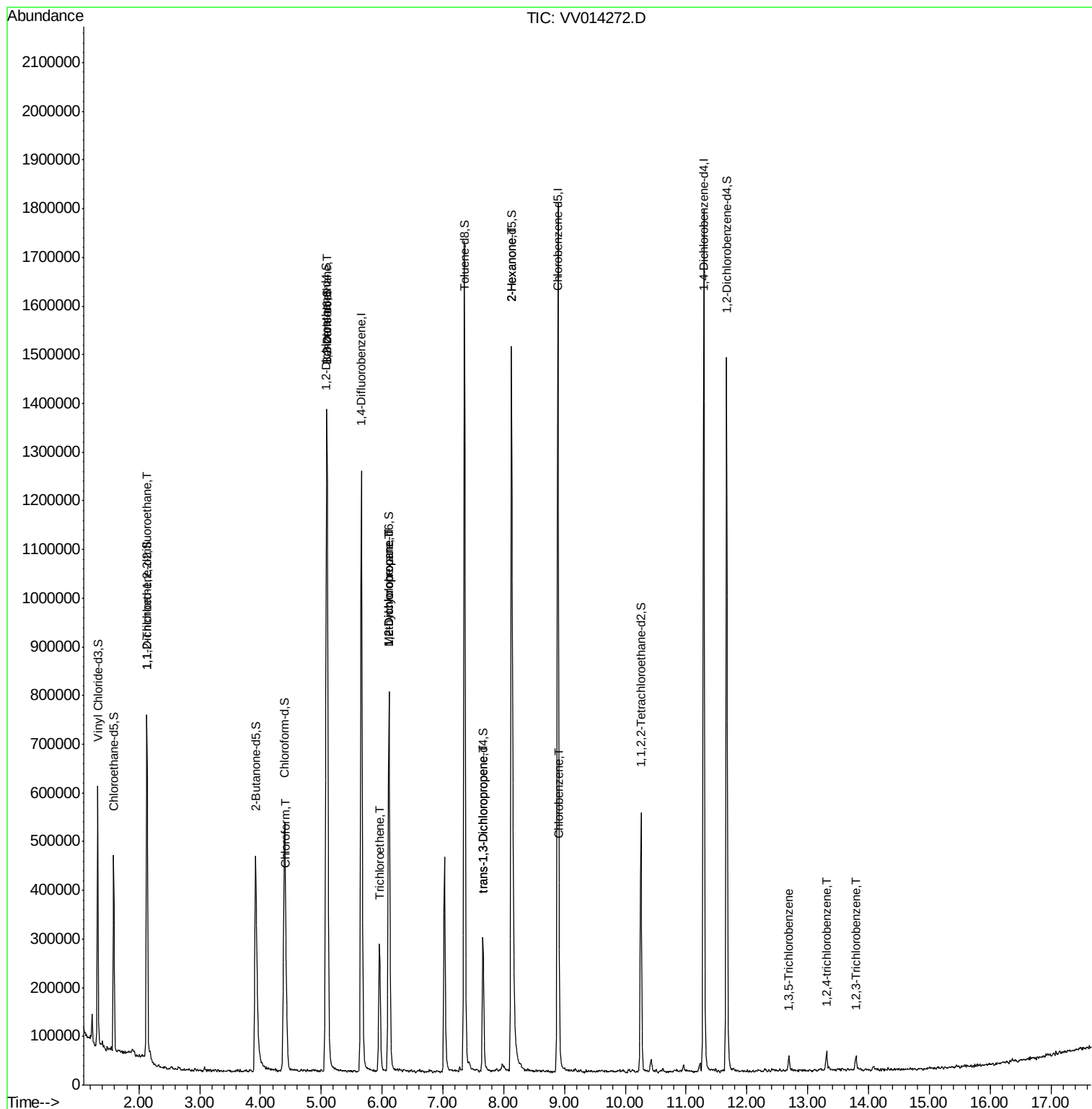
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4968	0.106 ug/L #	45
25) Chloroform	4.42	83	95719	0.726 ug/L	95
27) 1,2-Dichloroethane	5.10	62	7382	0.094 ug/L	97
34) Trichloroethene	5.96	95	95827	1.269 ug/L	98
35) Methylcyclohexane	6.11	83	93228	0.755 ug/L #	19
37) 1,2-Dichloropropane	6.11	63	42000	0.566 ug/L #	90
44) trans-1,3-Dichloropropene	7.66	75	6915	0.075 ug/L	85
48) 2-Hexanone	8.13	43	79361	2.453 ug/L #	76
51) Chlorobenzene	8.92	112	11065	0.058 ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	7936	0.080 ug/L #	96
68) 1,2,4-trichlorobenzene	13.31	180	11931	0.137 ug/L	91
70) 1,2,3-Trichlorobenzene	13.79	180	9098	0.119 ug/L #	93

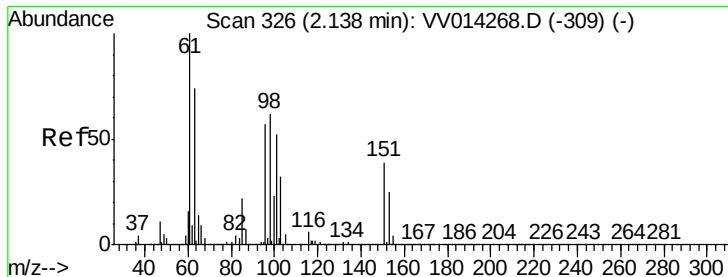
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jan 11 00:01:14 2020
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#10

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

Concen: 0.106 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV014272.D

Acq: 10 Jan 2020 16:23

Instrument :

MSVOA_V

ClientSampleId :

GASC3

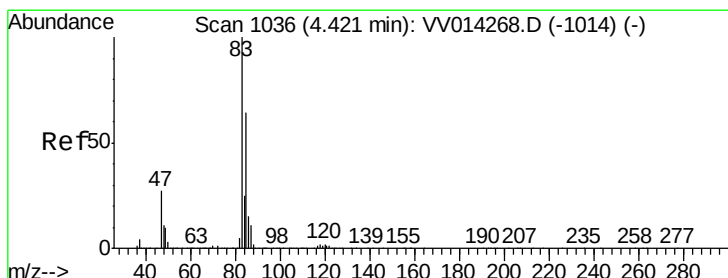
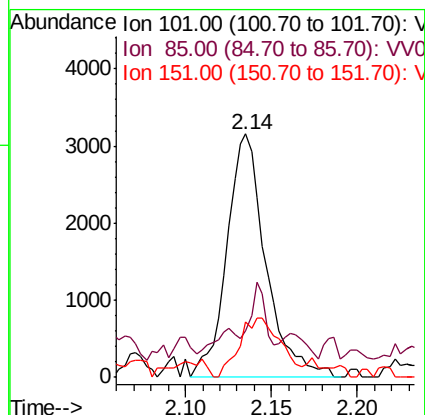
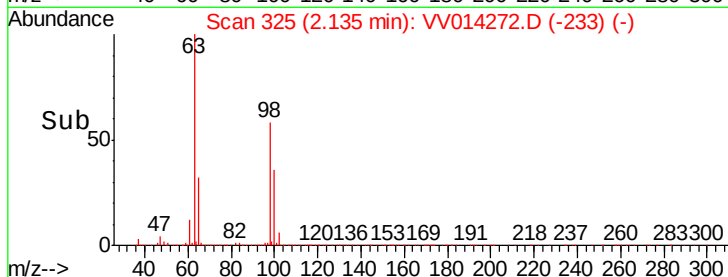
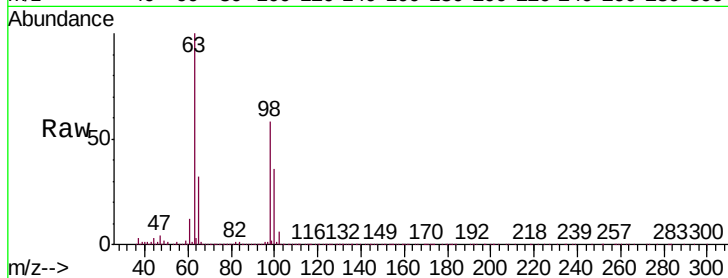
Tgt Ion: 101 Resp: 4968

Ion Ratio Lower Upper

101 100

85 14.1 34.9 52.3#

151 25.8 62.5 93.7#



#25

Chloroform

Concen: 0.726 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV014272.D

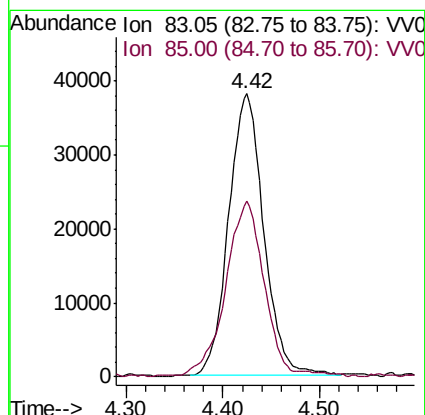
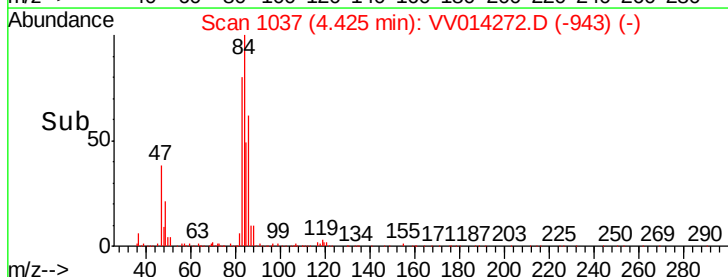
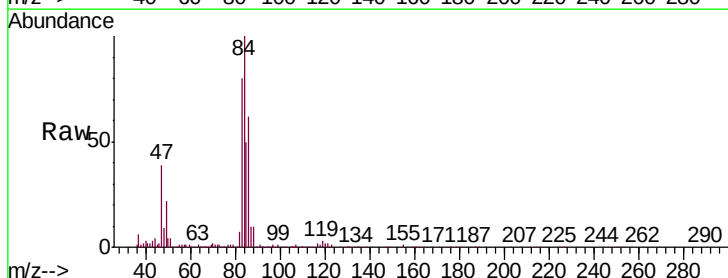
Acq: 10 Jan 2020 16:23

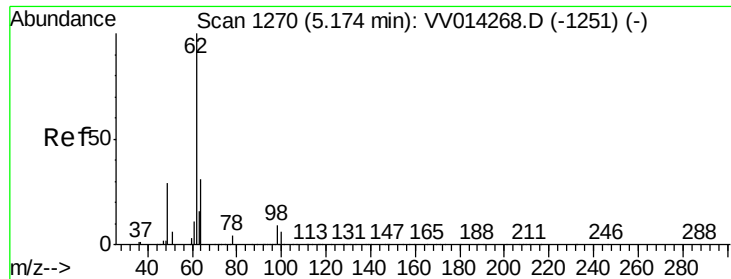
Tgt Ion: 83 Resp: 95719

Ion Ratio Lower Upper

83 100

85 61.9 46.2 85.8

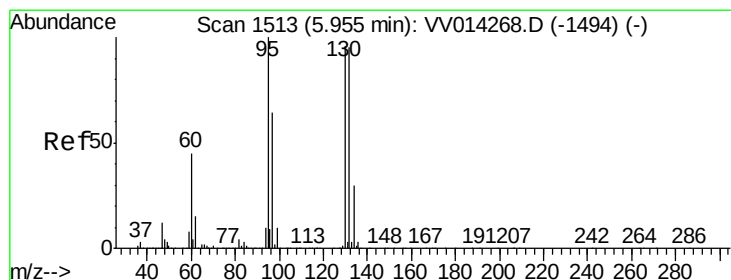
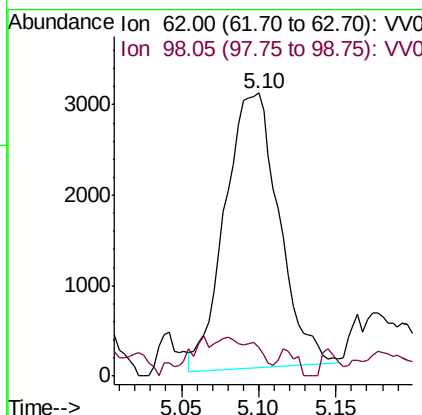
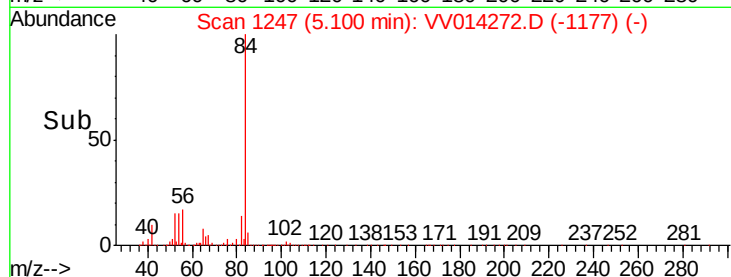
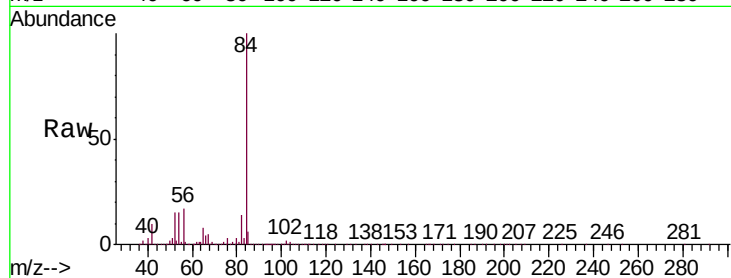




#27
1,2-Dichloroethane
Concen: 0.094 ug/L
RT: 5.10 min Scan# 1247
Delta R.T. -0.07 min
Lab File: VV014272.D
Acq: 10 Jan 2020 16:23

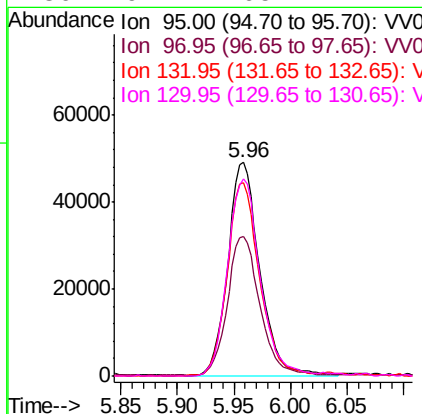
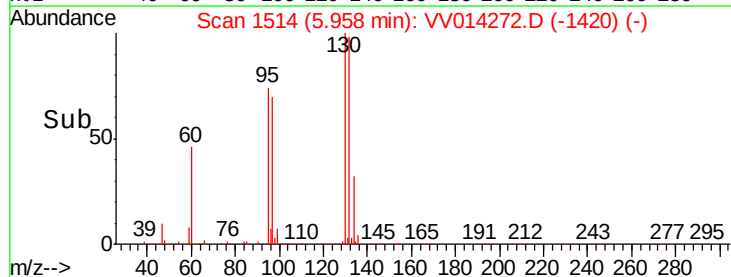
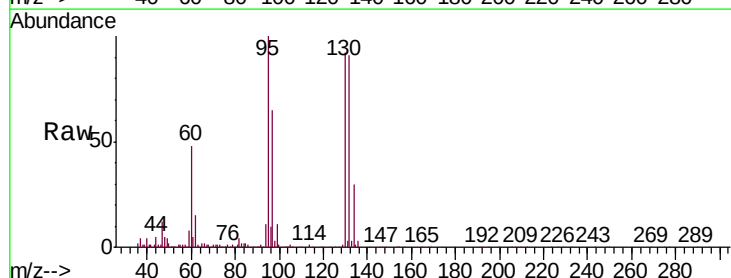
Instrument :
MSVOA_V
ClientSampleId :
GASC3

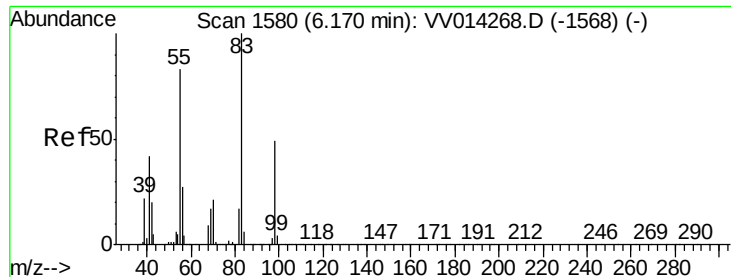
Tgt Ion: 62 Resp: 7382
Ion Ratio Lower Upper
62 100
98 10.3 9.2 13.8



#34
Trichloroethene
Concen: 1.269 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV014272.D
Acq: 10 Jan 2020 16:23

Tgt Ion: 95 Resp: 95827
Ion Ratio Lower Upper
95 100
97 65.1 43.8 81.3
132 90.6 63.4 117.8
130 92.1 65.7 122.1

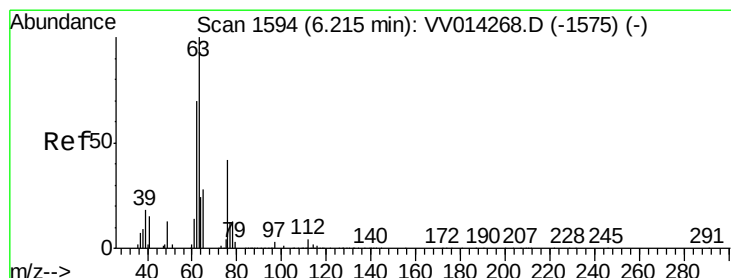
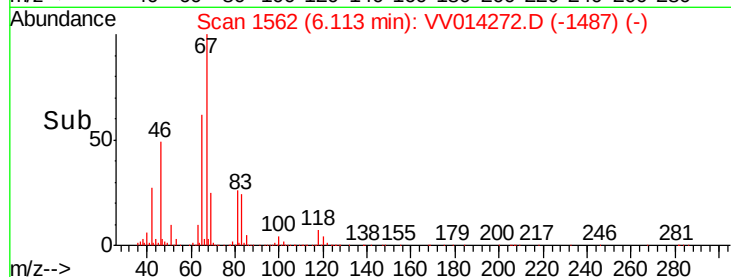
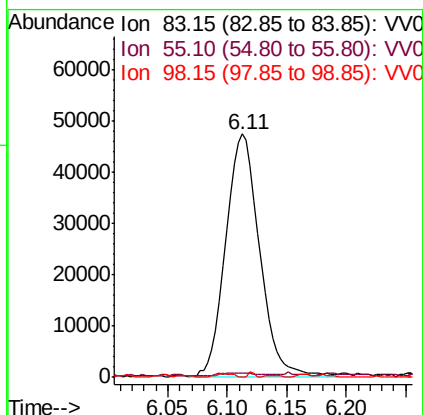
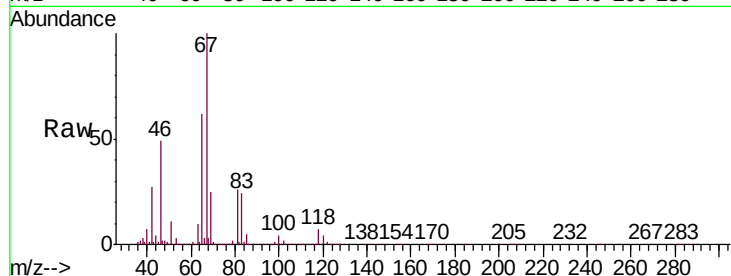




#35
Methylcyclohexane
Concen: 0.755 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014272.D
Acq: 10 Jan 2020 16:23

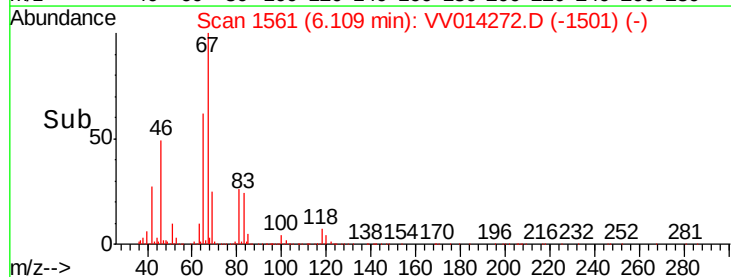
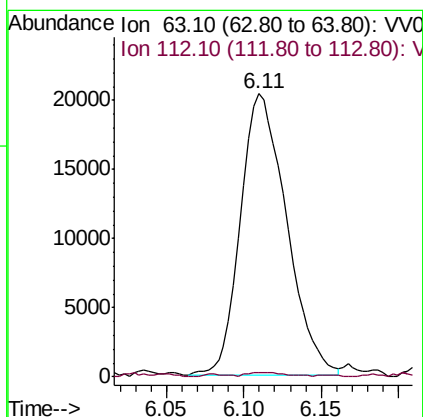
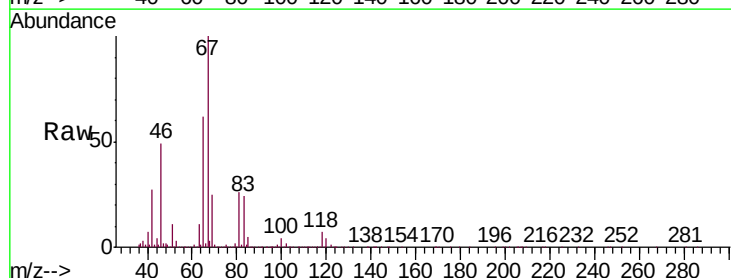
Instrument :
MSVOA_V
ClientSampleId :
GASC3

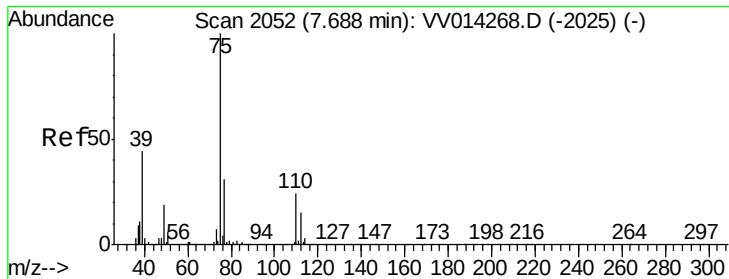
Tgt Ion: 83 Resp: 93228
Ion Ratio Lower Upper
83 100
55 0.8 61.7 92.5#
98 0.4 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 0.566 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.11 min
Lab File: VV014272.D
Acq: 10 Jan 2020 16:23

Tgt Ion: 63 Resp: 42000
Ion Ratio Lower Upper
63 100
112 1.3 3.7 5.5#





#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV014272.D

Acq: 10 Jan 2020 16:23

Instrument :

MSVOA_V

ClientSampleId :

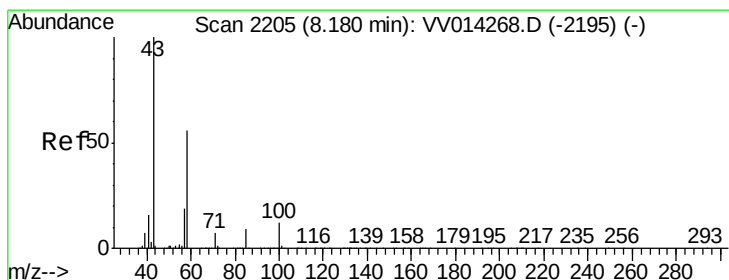
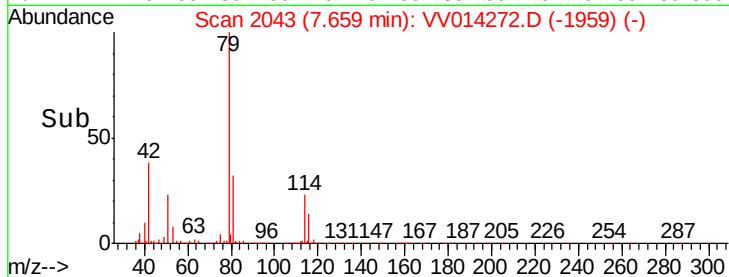
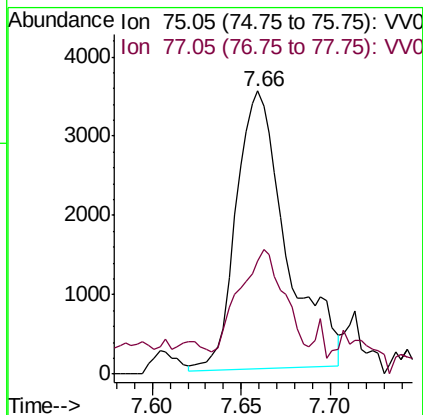
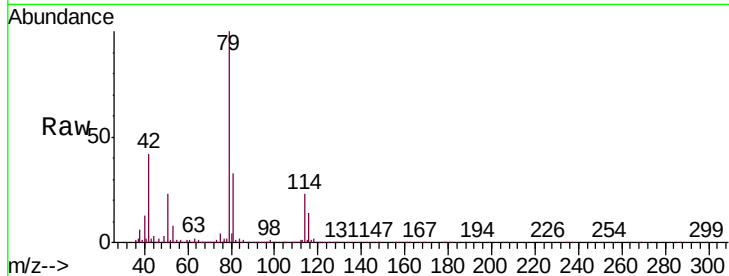
GASC3

Tgt Ion: 75 Resp: 6915

Ion Ratio Lower Upper

75 100

77 39.9 22.0 41.0



#48

2-Hexanone

Concen: 2.453 ug/L

RT: 8.13 min Scan# 2189

Delta R.T. -0.05 min

Lab File: VV014272.D

Acq: 10 Jan 2020 16:23

Tgt Ion: 43 Resp: 79361

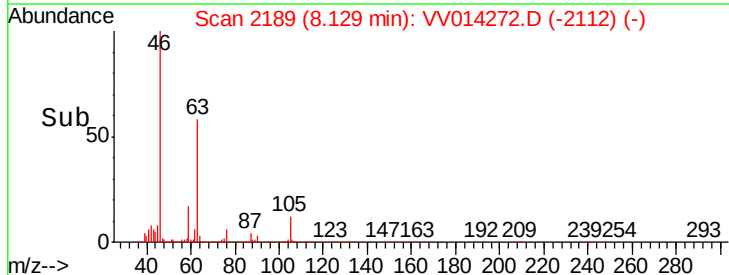
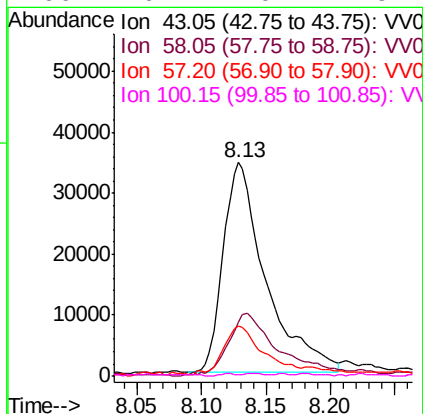
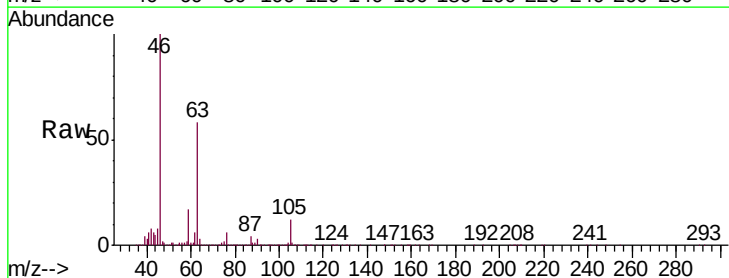
Ion Ratio Lower Upper

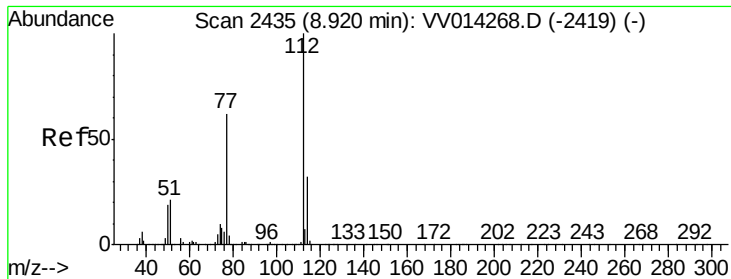
43 100

58 35.3 45.4 68.0#

57 21.3 15.8 23.8

100 0.4 10.2 15.4#





#51

Chlorobenzene

Concen: 0.058 ug/L

RT: 8.92 min Scan# 2435

Delta R.T. 0.00 min

Lab File: VV014272.D

Acq: 10 Jan 2020 16:23

Instrument :

MSVOA_V

ClientSampleId :

GASC3

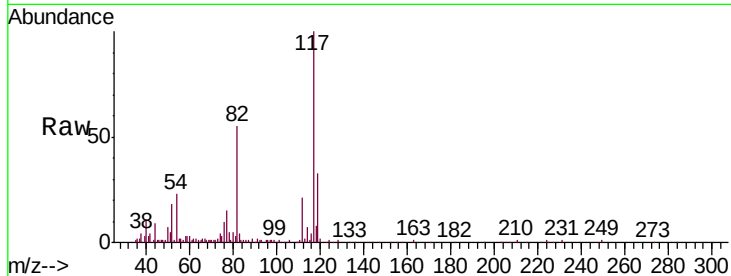
Tgt Ion:112 Resp: 11065

Ion Ratio Lower Upper

112 100

114 32.3 22.5 41.7

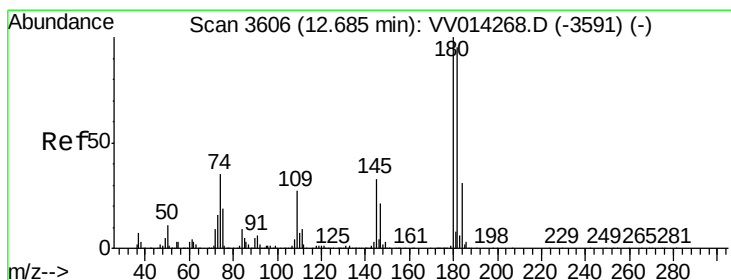
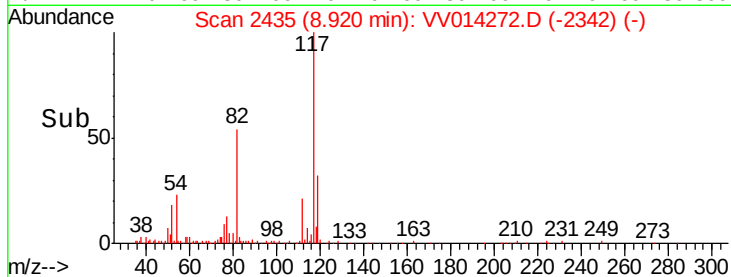
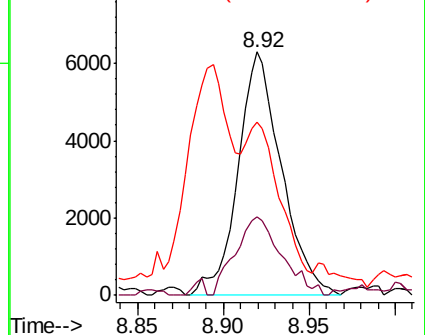
77 71.3 49.3 73.9



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0



#67

1,3,5-Trichlorobenzene

Concen: 0.080 ug/L

RT: 12.69 min Scan# 3608

Delta R.T. 0.01 min

Lab File: VV014272.D

Acq: 10 Jan 2020 16:23

Tgt Ion:180 Resp: 7936

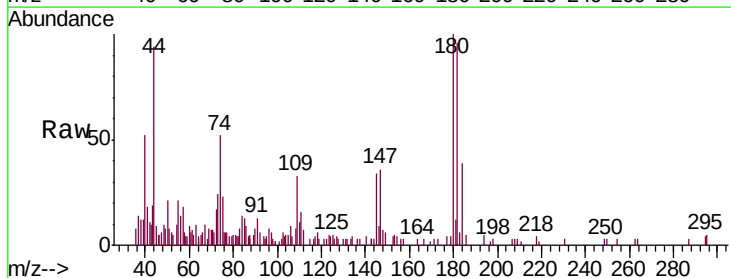
Ion Ratio Lower Upper

180 100

182 94.6 77.2 115.8

184 38.8 24.6 36.8#

145 33.0 26.9 40.3

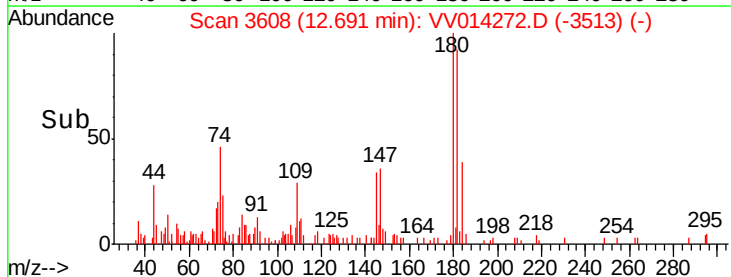
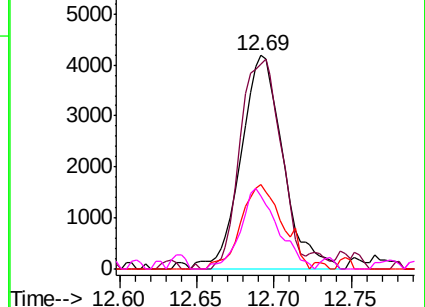


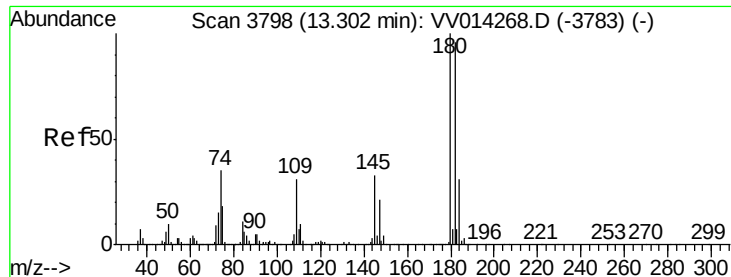
Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V

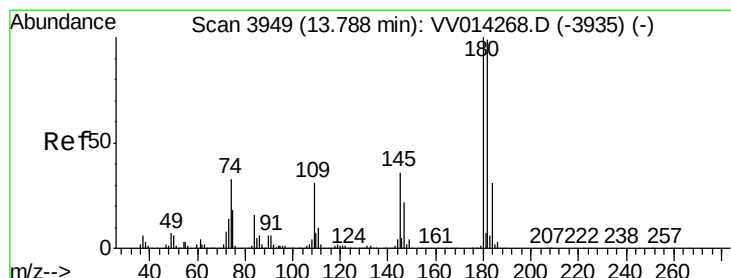
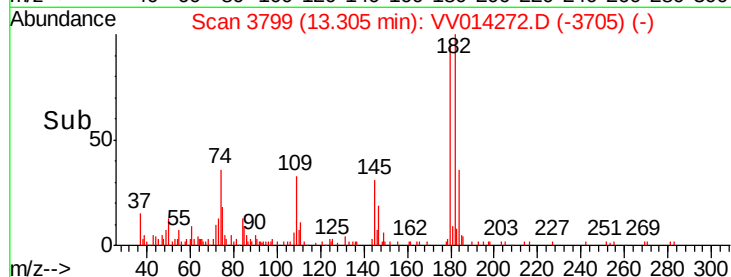
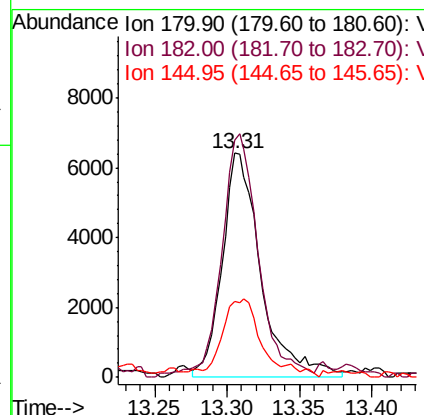
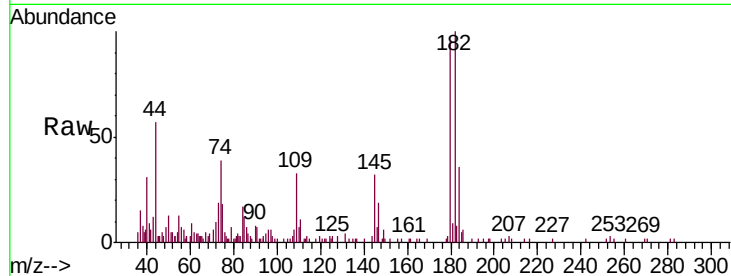




#68
 1,2,4-trichlorobenzene
 Concen: 0.137 ug/L
 RT: 13.31 min Scan# 3799
 Delta R.T. 0.00 min
 Lab File: VV014272.D
 Acq: 10 Jan 2020 16:23

Instrument :
 MSVOA_V
 ClientSampleId :
 GASC3

Tgt Ion:180 Resp: 11931
 Ion Ratio Lower Upper
 180 100
 182 103.2 75.2 112.8
 145 36.0 26.2 39.4



#70
 1,2,3-Trichlorobenzene
 Concen: 0.119 ug/L
 RT: 13.79 min Scan# 3951
 Delta R.T. 0.01 min
 Lab File: VV014272.D
 Acq: 10 Jan 2020 16:23

Tgt Ion:180 Resp: 9098
 Ion Ratio Lower Upper
 180 100
 182 96.0 74.8 112.2
 145 48.0 29.0 43.6#

