

Data File : VV013664.D
Acq On : 18 Nov 2019 18:11
Operator : SY/MD
Sample : K5910-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAQJ2

Quant Time: Nov 19 04:29:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 04:25:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	327299	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	322522	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	141549	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102192	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.58	69	97917	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.60%
11) 1,1-Dichloroethene-d2	2.13	63	141324	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	3.93	46	258766	55.35	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.70%
24) Chloroform-d	4.40	84	226934	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.08	65	114817	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.10	84	440122	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	140207	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.36	98	384462	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.66	79	47461	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.13	63	179059	46.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.56%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	93538	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	154676	5.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.60%

Target Compounds

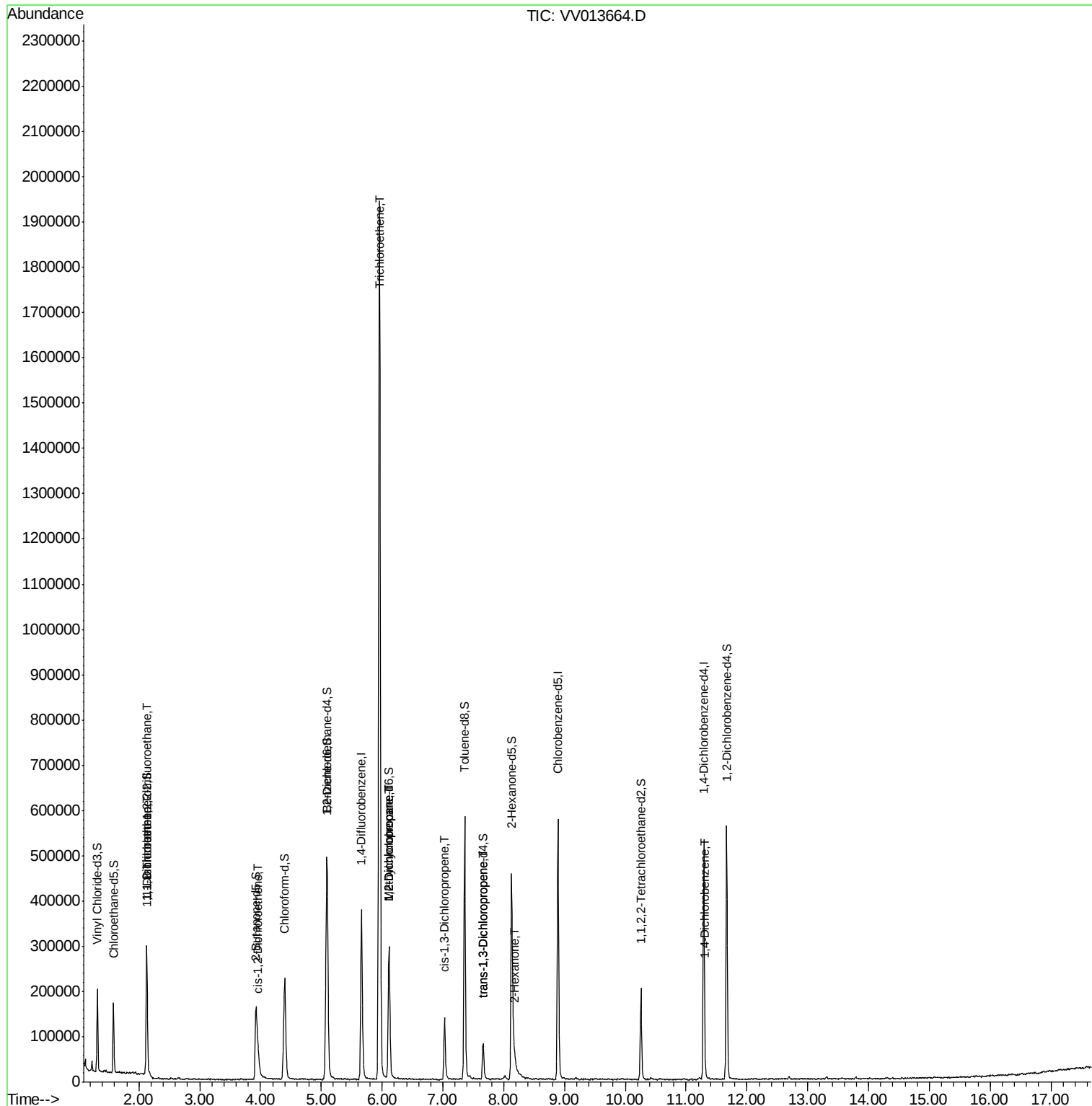
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1821	0.090	ug/L #	22
12) 1,1-Dichloroethene	2.14	96	4511	0.231	ug/L #	1
22) cis-1,2-Dichloroethene	3.96	96	18496	0.739	ug/L #	100
34) Trichloroethene	5.96	95	652622	24.977	ug/L	99
35) Methylcyclohexane	6.11	83	35996	0.903	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	15679	0.671	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	3798	0.113	ug/L	91
44) trans-1,3-Dichloropropene	7.67	75	2209	0.083	ug/L	94
48) 2-Hexanone	8.18	43	10213	1.059	ug/L #	85
63) 1,4-Dichlorobenzene	11.32	146	3304	0.069	ug/L	93

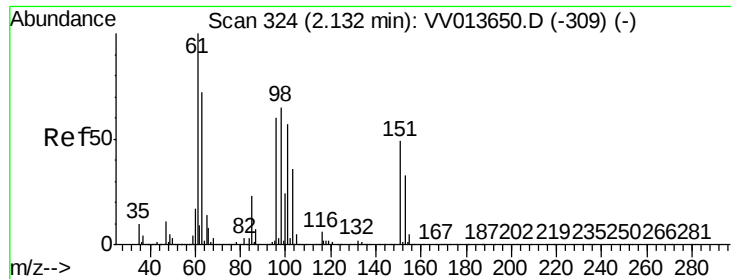
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.090 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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Acq: 18 Nov 2019 18:11

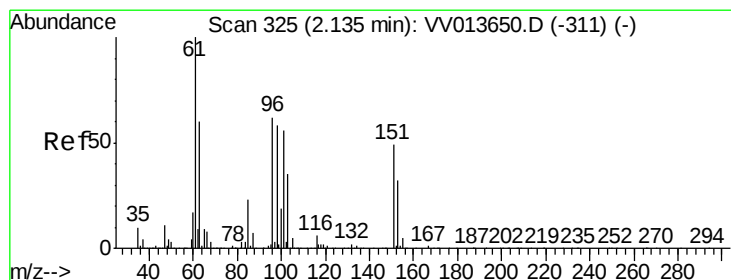
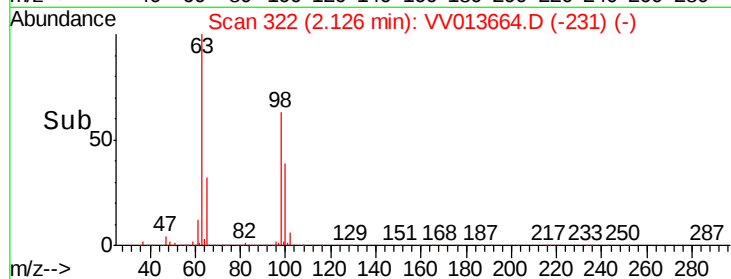
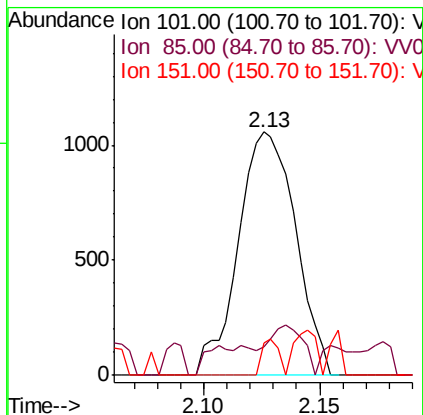
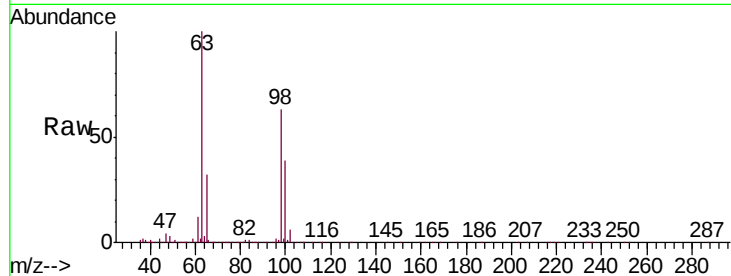
Instrument :

MSVOA_V

ClientSampled :

GAQJ2

Tgt Ion:	101	Resp:	1821
Ion	Ratio	Lower	Upper
101	100		
85	5.9	32.0	48.0#
151	4.4	69.0	103.6#



#12

1,1-Dichloroethene

Concen: 0.231 ug/L

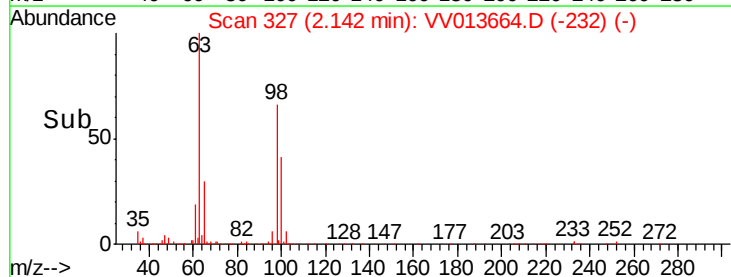
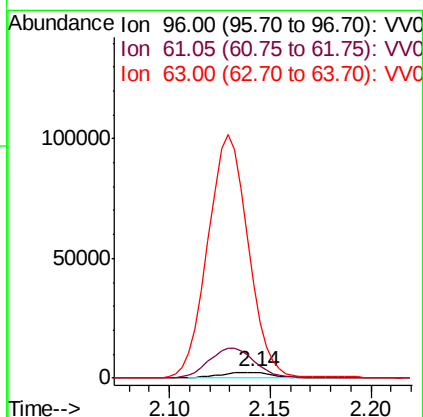
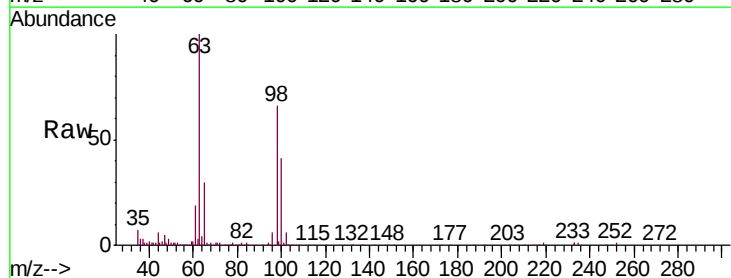
RT: 2.14 min Scan# 327

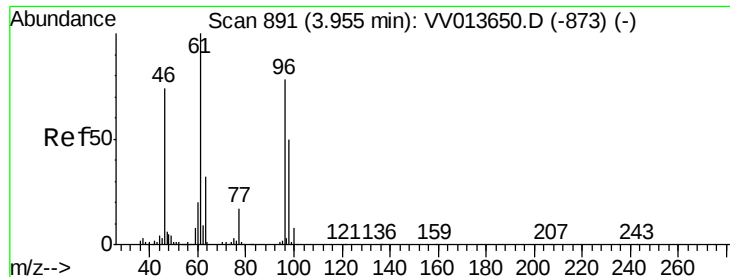
Delta R.T. 0.01 min

Lab File: VV013664.D

Acq: 18 Nov 2019 18:11

Tgt Ion:	96	Resp:	4511
Ion	Ratio	Lower	Upper
96	100		
61	287.4	112.5	208.9#
63	1546.6	76.9	142.7#



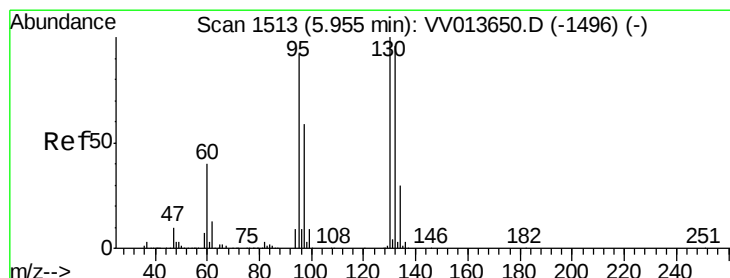
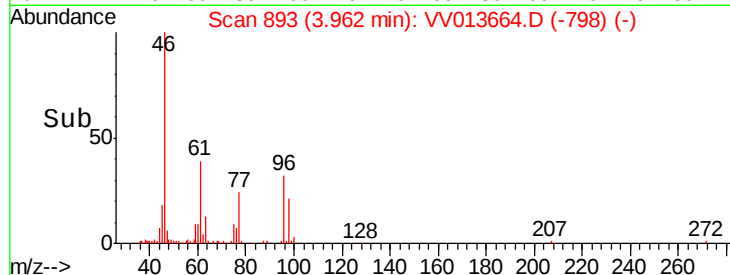
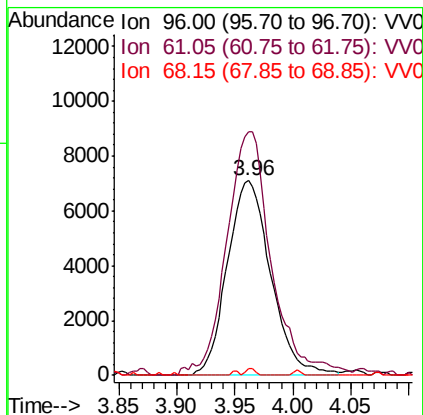
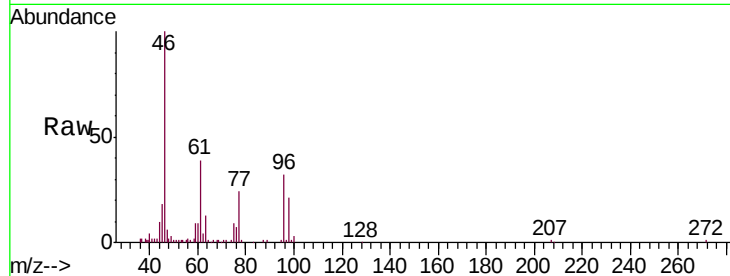


#22

cis-1,2-Dichloroethene
 Concen: 0.739 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: VV013664.D
 Acq: 18 Nov 2019 18:11

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQJ2

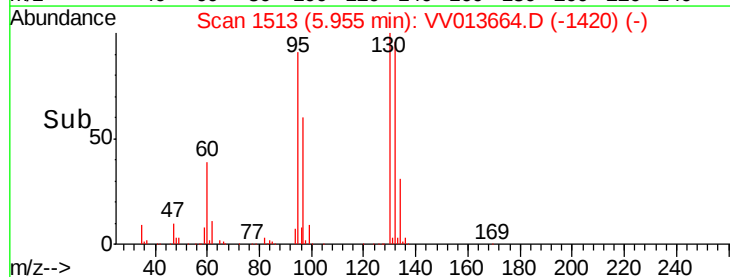
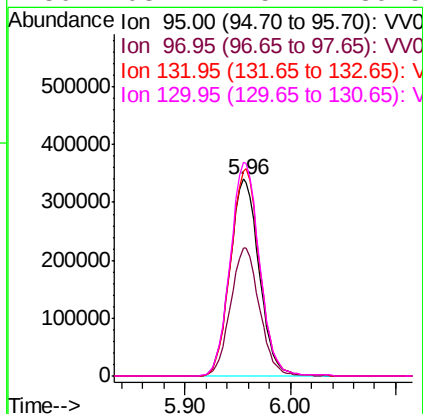
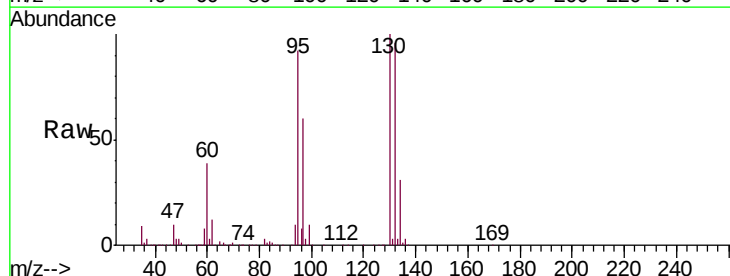
Tgt Ion: 96 Resp: 18496
 Ion Ratio Lower Upper
 96 100
 61 125.1 87.7 162.9
 68 3.6 0.1 0.3#

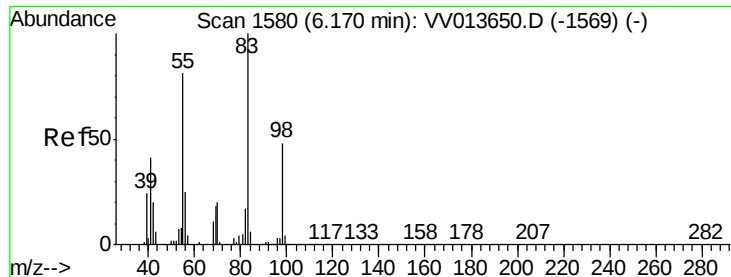


#34

Trichloroethene
 Concen: 24.977 ug/L
 RT: 5.96 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: VV013664.D
 Acq: 18 Nov 2019 18:11

Tgt Ion: 95 Resp: 652622
 Ion Ratio Lower Upper
 95 100
 97 64.9 44.8 83.2
 132 103.9 72.9 135.3
 130 108.4 75.1 139.5





#35

Methylcyclohexane

Concen: 0.903 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV013664.D

Acq: 18 Nov 2019 18:11

Instrument :

MSVOA_V

ClientSampleId :

GAQJ2

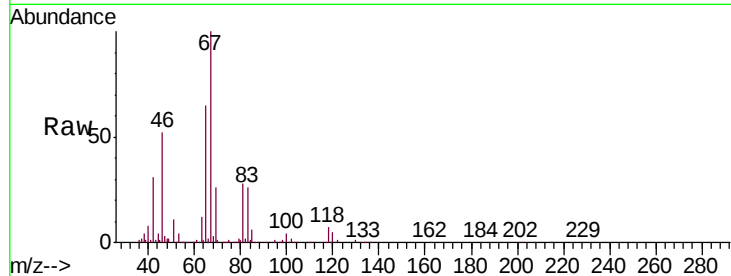
Tgt Ion: 83 Resp: 35996

Ion Ratio Lower Upper

83 100

55 0.9 64.1 96.1#

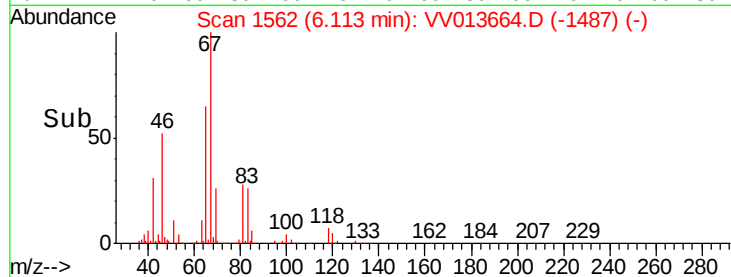
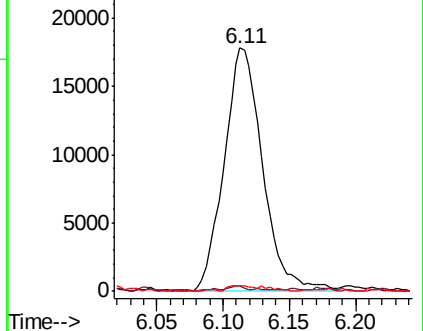
98 0.0 38.2 57.2#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.671 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV013664.D

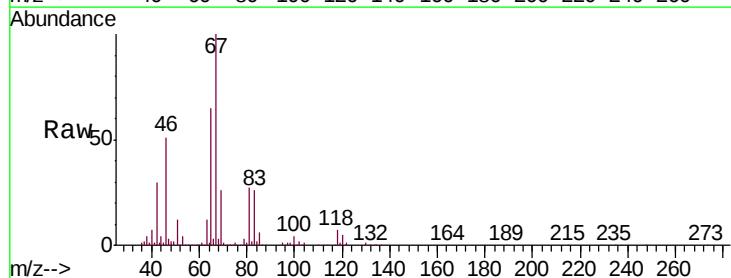
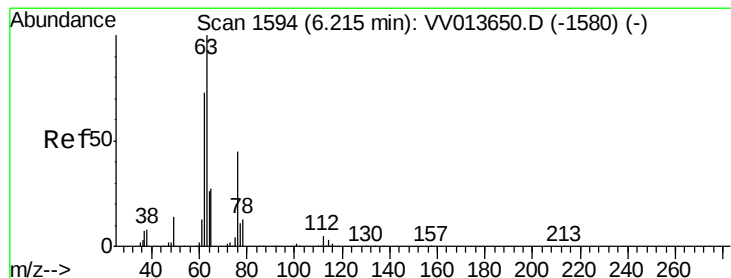
Acq: 18 Nov 2019 18:11

Tgt Ion: 63 Resp: 15679

Ion Ratio Lower Upper

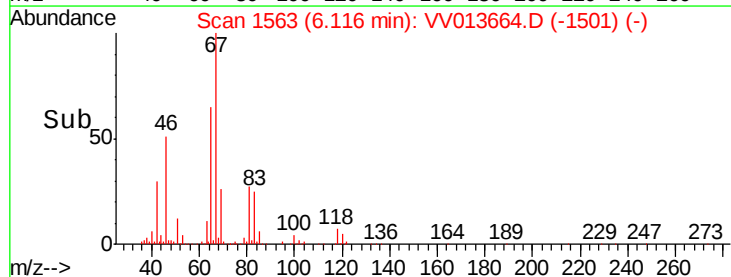
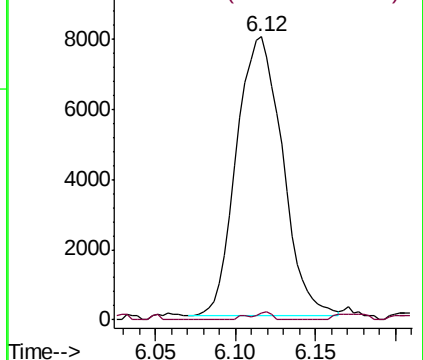
63 100

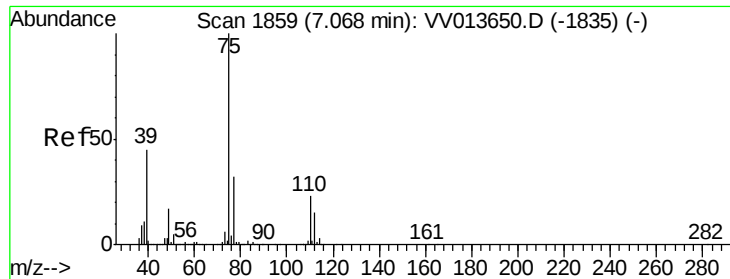
112 1.3 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

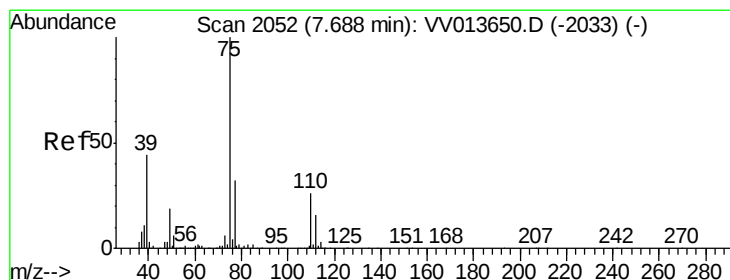
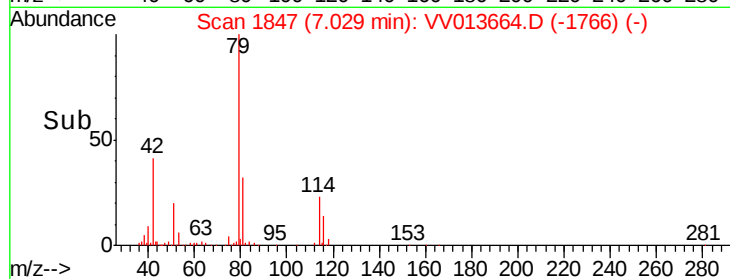
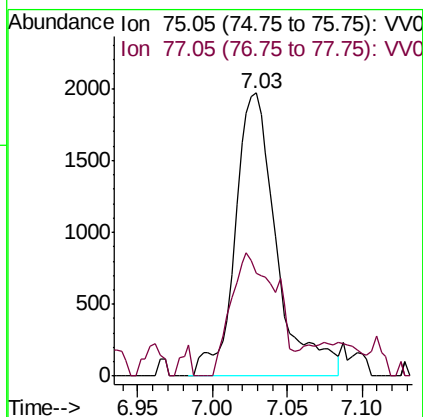
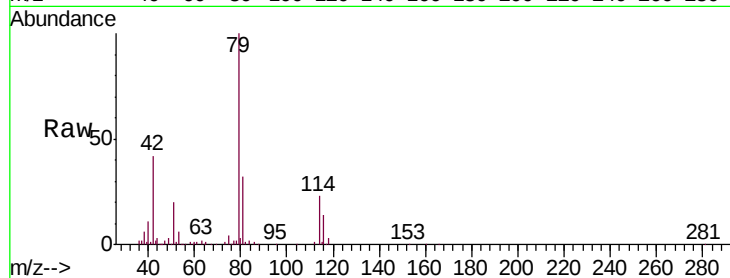




#39
 cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV013664.D
 Acq: 18 Nov 2019 18:11

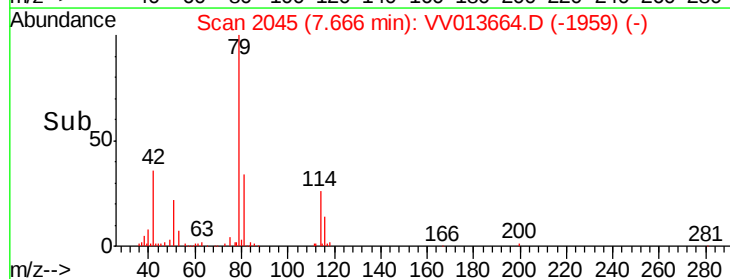
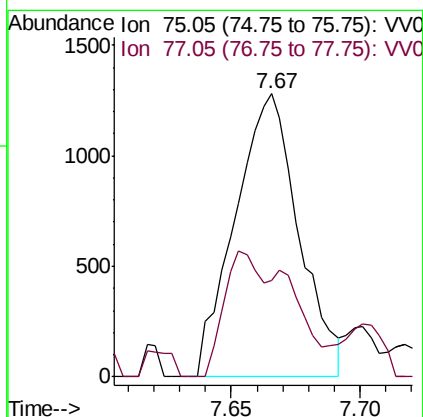
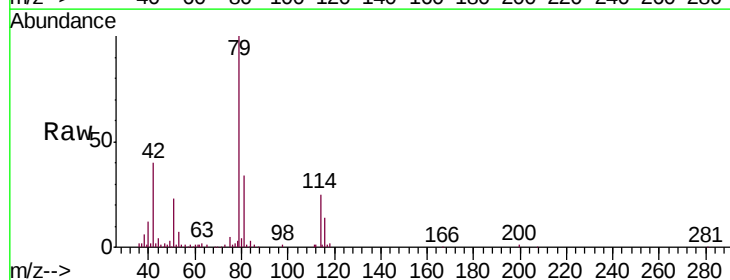
Instrument :
 MSVOA_V
 ClientSampleId :
 GAQJ2

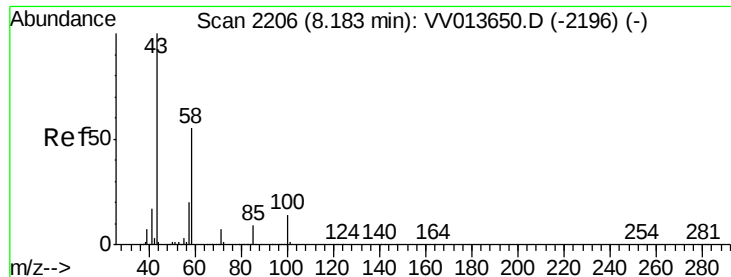
Tgt Ion: 75 Resp: 3798
 Ion Ratio Lower Upper
 75 100
 77 36.5 22.0 40.8



#44
 trans-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.02 min
 Lab File: VV013664.D
 Acq: 18 Nov 2019 18:11

Tgt Ion: 75 Resp: 2209
 Ion Ratio Lower Upper
 75 100
 77 34.3 21.6 40.2

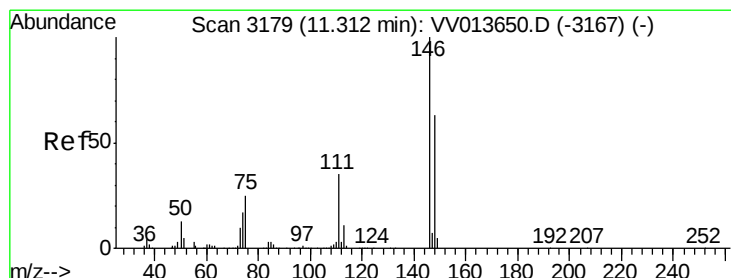
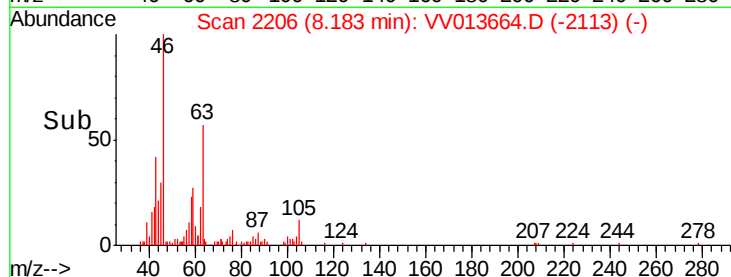
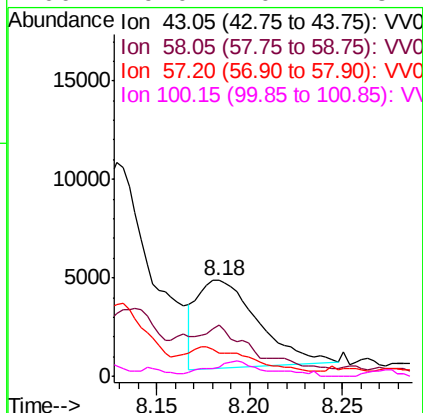
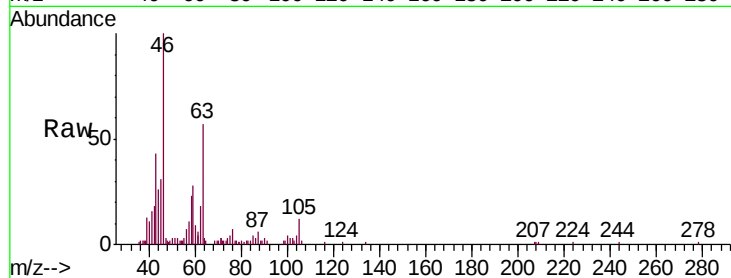




#48
 2-Hexanone
 Concen: 1.059 ug/L
 RT: 8.18 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: VV013664.D
 Acq: 18 Nov 2019 18:11

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQJ2

Tgt Ion	Ratio	Lower	Upper
43	100		
58	44.8	43.0	64.6
57	30.3	15.4	23.2
100	9.0	10.1	15.1



#63
 1,4-Dichlorobenzene
 Concen: 0.069 ug/L
 RT: 11.32 min Scan# 3180
 Delta R.T. 0.00 min
 Lab File: VV013664.D
 Acq: 18 Nov 2019 18:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	25.6	47.6
148	69.7	45.6	84.8

