

Data File : VV013652.D
Acq On : 18 Nov 2019 12:13
Operator : SY/MD
Sample : K5856-11DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAQG8DL

Quant Time: Nov 19 04:28:00 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	355951	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	358041	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	156699	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99944	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.58	69	93040	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.12	63	136926	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.96	46	238422	46.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.78%
24) Chloroform-d	4.39	84	228236	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.08	65	114929	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.09	84	442170	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.11	67	136928	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.35	98	379483	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloropropene-	7.66	79	45011	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.14	63	176955	41.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.40%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	93690	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	152312	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

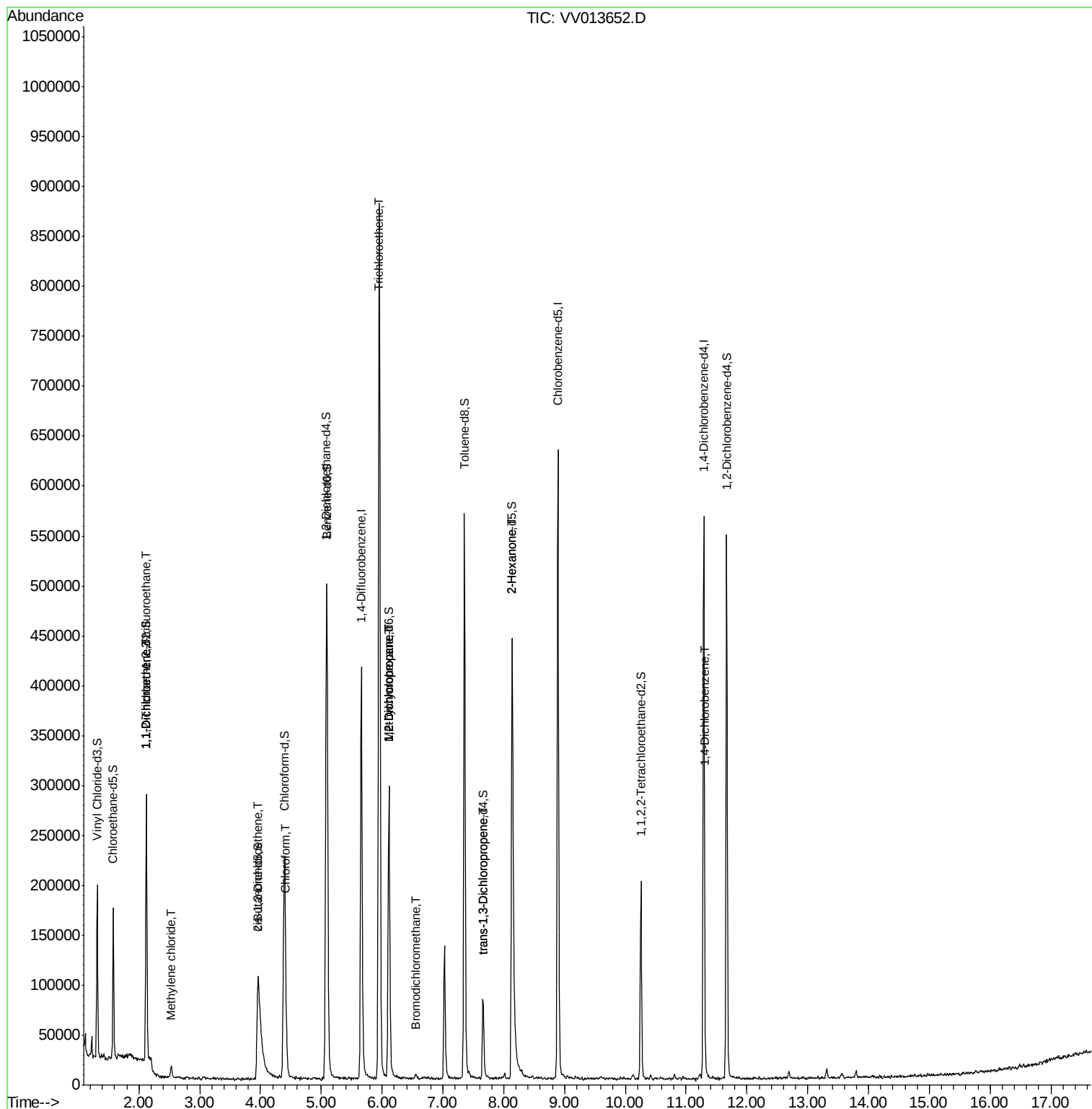
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1717	0.078	ug/L #	22
12) 1,1-Dichloroethene	2.13	96	2316	0.109	ug/L #	1
16) Methylene chloride	2.53	84	5583	0.189	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	5777	0.212	ug/L #	91
25) Chloroform	4.42	83	27860	0.439	ug/L	87
34) Trichloroethene	5.95	95	303110	10.450	ug/L	99
35) Methylcyclohexane	6.11	83	34127	0.771	ug/L #	18
37) 1,2-Dichloropropane	6.11	63	15577	0.600	ug/L #	89
38) Bromodichloromethane	6.55	83	2651	0.073	ug/L #	97
44) trans-1,3-Dichloropropene	7.66	75	2249	0.077	ug/L	83
48) 2-Hexanone	8.14	43	21841	2.040	ug/L #	70
63) 1,4-Dichlorobenzene	11.31	146	3018	0.057	ug/L #	81

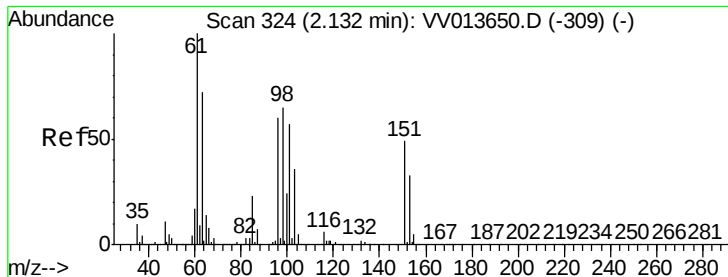
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.078 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV013652.D

Acq: 18 Nov 2019 12:13

Instrument :

MSVOA_V

ClientSampled :

GAQG8DL

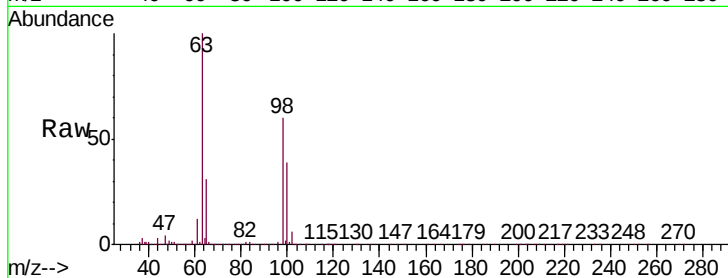
Tgt Ion: 101 Resp: 1717

Ion Ratio Lower Upper

101 100

85 12.5 32.0 48.0#

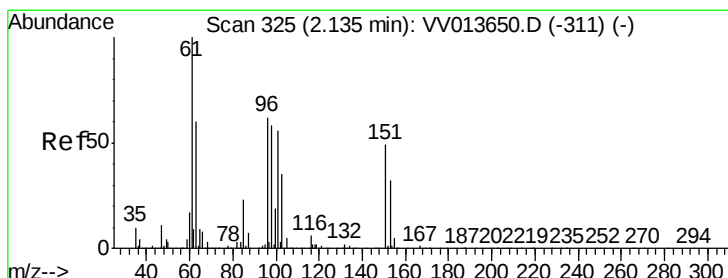
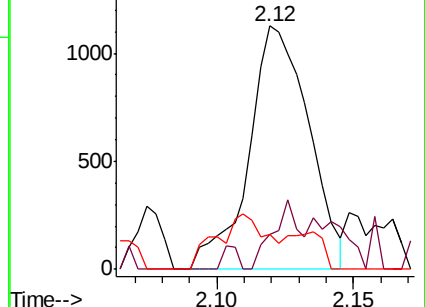
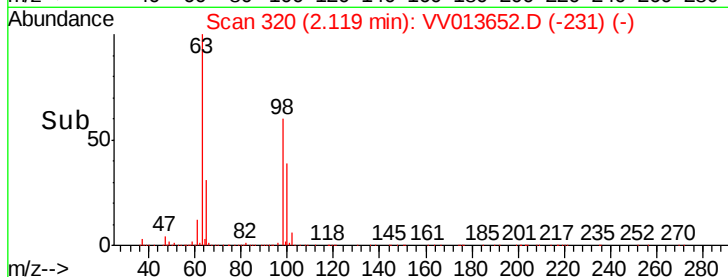
151 0.0 69.0 103.6#



Abundance Ion 101.00 (100.70 to 101.70): VV013652.D (-320) (-)

Ion 85.00 (84.70 to 85.70): VV013652.D (-320) (-)

Ion 151.00 (150.70 to 151.70): VV013652.D (-320) (-)



#12

1,1-Dichloroethene

Concen: 0.109 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013652.D

Acq: 18 Nov 2019 12:13

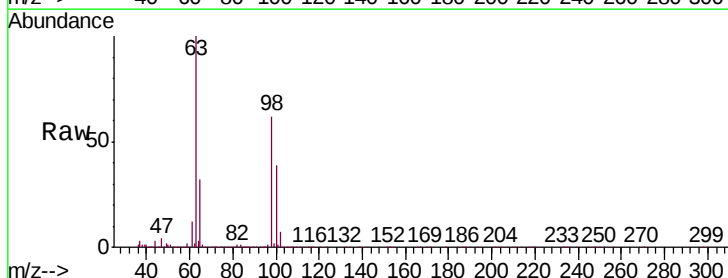
Tgt Ion: 96 Resp: 2316

Ion Ratio Lower Upper

96 100

61 785.0 112.5 208.9#

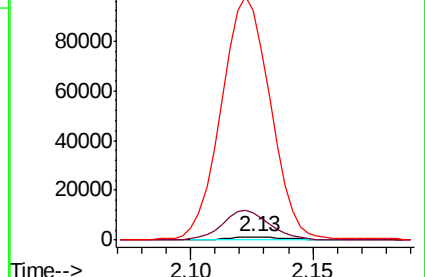
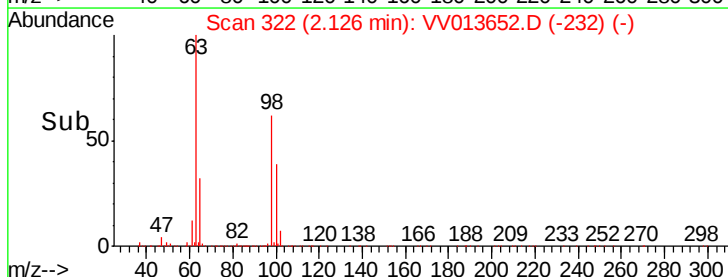
63 6691.1 76.9 142.7#

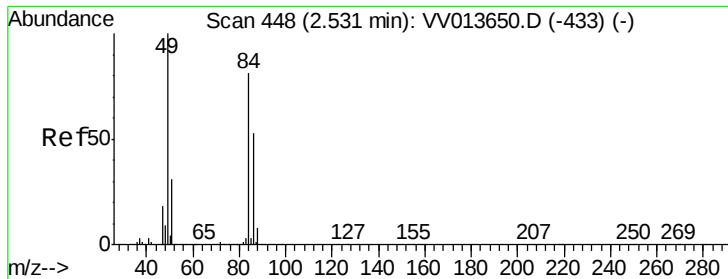


Abundance Ion 96.00 (95.70 to 96.70): VV013652.D (-322) (-)

Ion 61.05 (60.75 to 61.75): VV013652.D (-322) (-)

Ion 63.00 (62.70 to 63.70): VV013652.D (-322) (-)

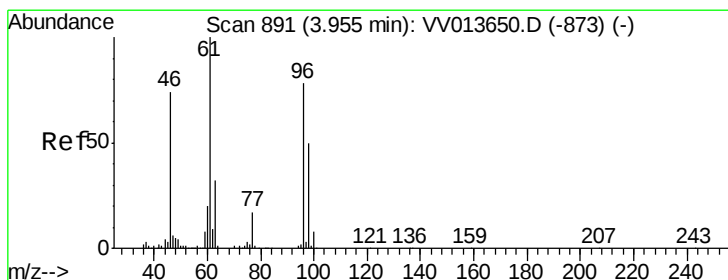
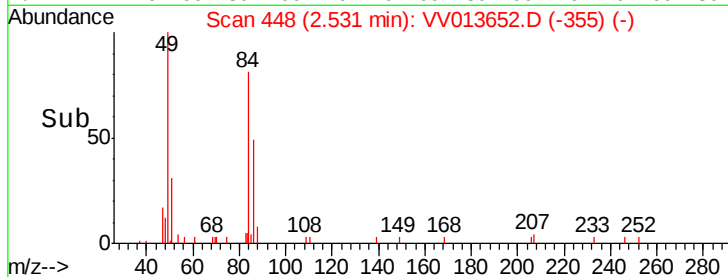
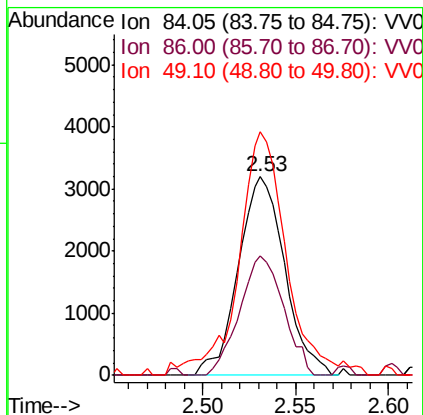
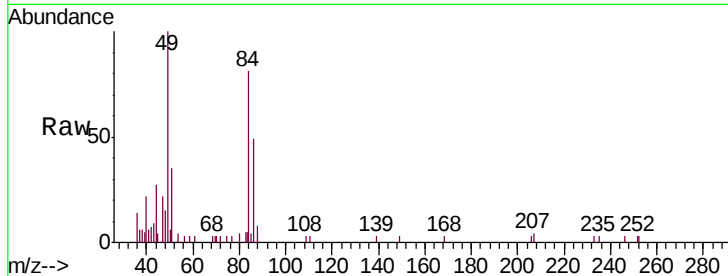




#16
Methylene chloride
Concen: 0.189 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV013652.D
Acq: 18 Nov 2019 12:13

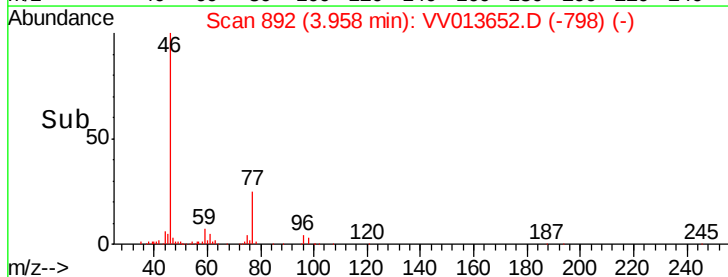
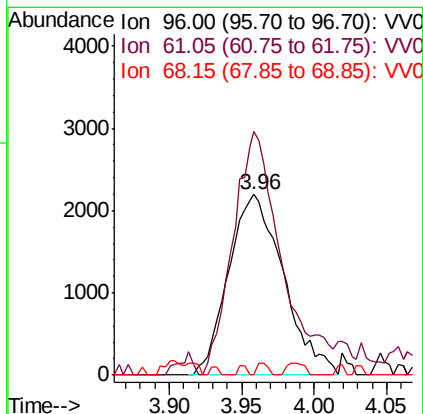
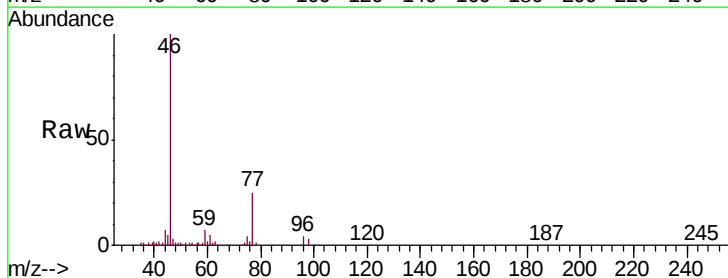
Instrument :
MSVOA_V
ClientSampled :
GAQG8DL

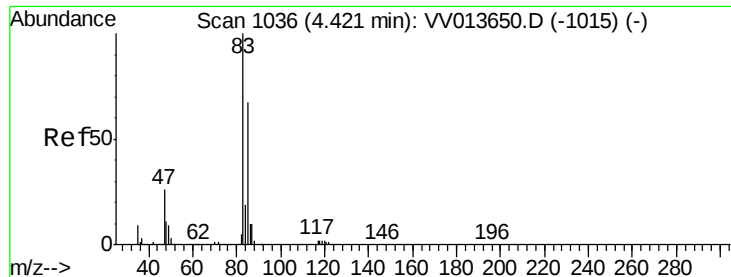
Tgt Ion: 84 Resp: 5583
Ion Ratio Lower Upper
84 100
86 60.5 44.1 81.9
49 122.8 83.4 155.0



#22
cis-1,2-Dichloroethene
Concen: 0.212 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV013652.D
Acq: 18 Nov 2019 12:13

Tgt Ion: 96 Resp: 5777
Ion Ratio Lower Upper
96 100
61 135.0 87.7 162.9
68 0.0 0.1 0.3#





#25

Chloroform

Concen: 0.439 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VV013652.D

Acq: 18 Nov 2019 12:13

Instrument :

MSVOA_V

ClientSampled :

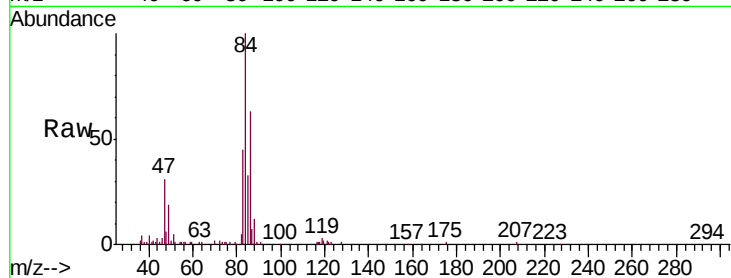
GAQG8DL

Tgt Ion: 83 Resp: 27860

Ion Ratio Lower Upper

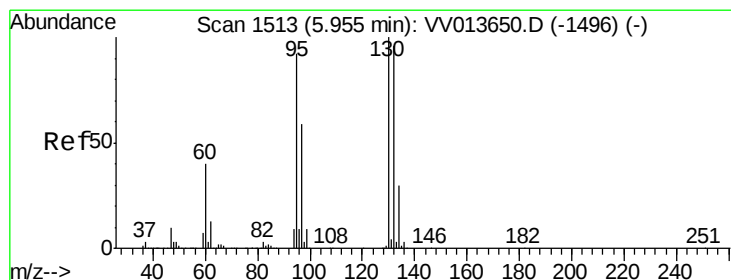
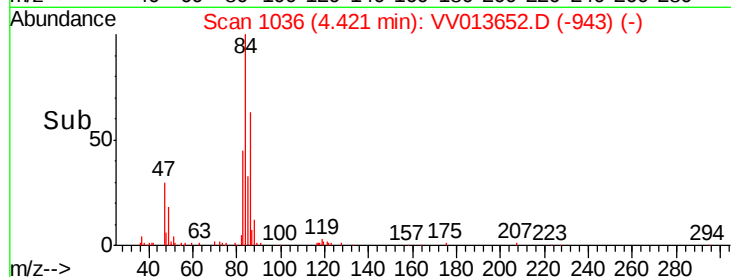
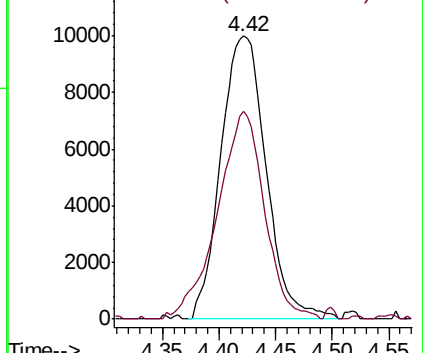
83 100

85 73.3 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#34

Trichloroethene

Concen: 10.450 ug/L

RT: 5.95 min Scan# 1512

Delta R.T. -0.00 min

Lab File: VV013652.D

Acq: 18 Nov 2019 12:13

Tgt Ion: 95 Resp: 303110

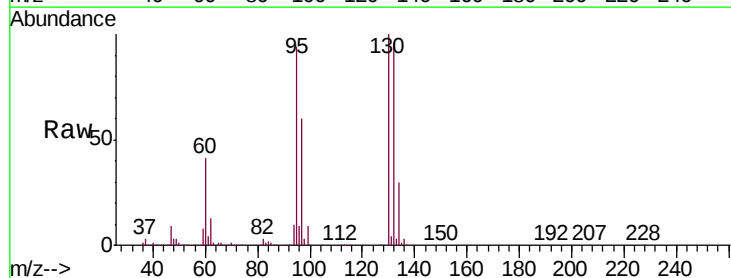
Ion Ratio Lower Upper

95 100

97 63.5 44.8 83.2

132 102.0 72.9 135.3

130 106.1 75.1 139.5

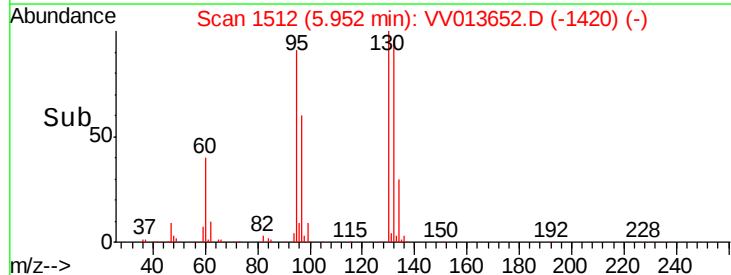
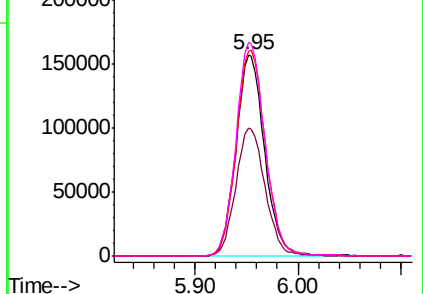


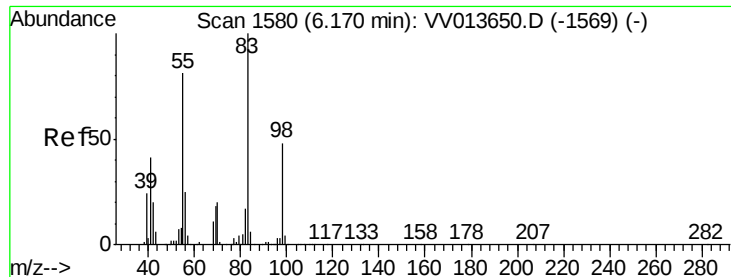
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

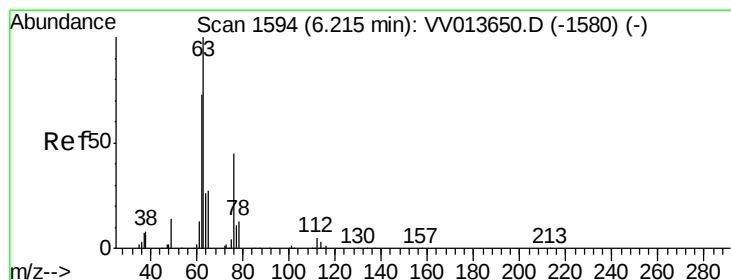
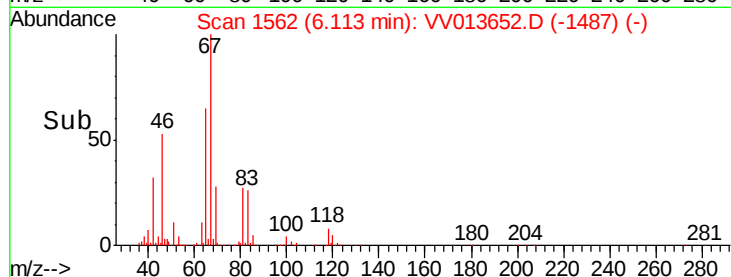
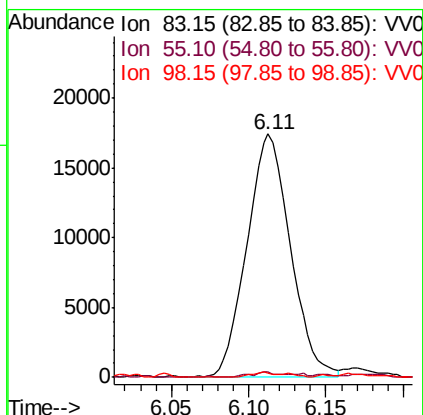
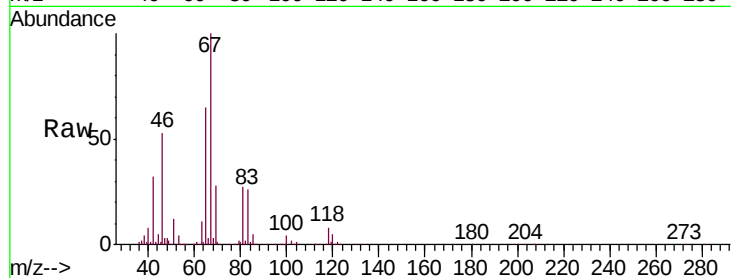




#35
Methylcyclohexane
Concen: 0.771 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013652.D
Acq: 18 Nov 2019 12:13

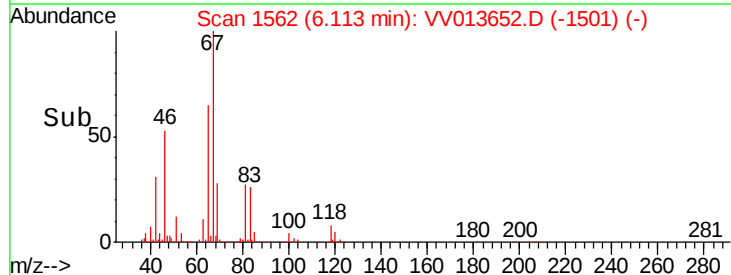
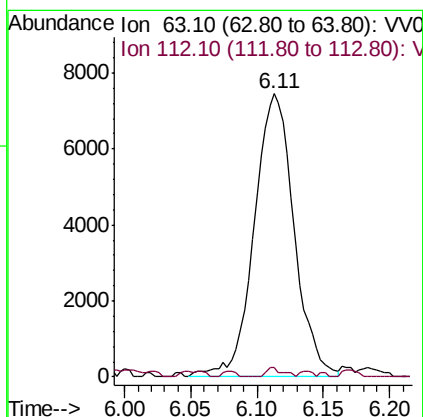
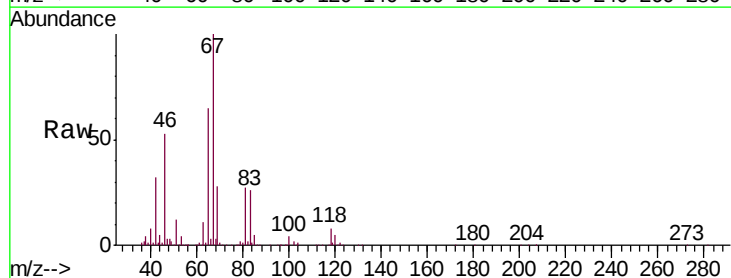
Instrument :
MSVOA_V
ClientSampleId :
GAQG8DL

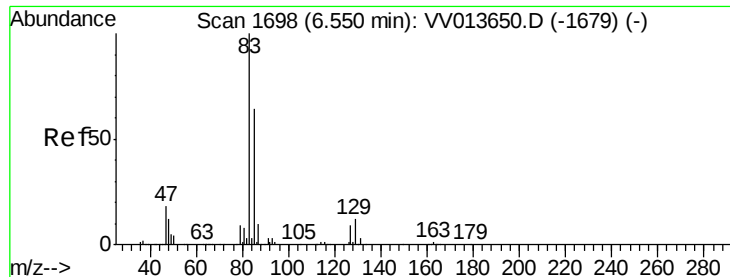
Tgt Ion: 83 Resp: 34127
Ion Ratio Lower Upper
83 100
55 1.2 64.1 96.1#
98 1.3 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.600 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV013652.D
Acq: 18 Nov 2019 12:13

Tgt Ion: 63 Resp: 15577
Ion Ratio Lower Upper
63 100
112 1.3 4.1 6.1#





#38

Bromodichloromethane

Concen: 0.073 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VV013652.D

Acq: 18 Nov 2019 12:13

Instrument :

MSVOA_V

ClientSampleId :

GAQG8DL

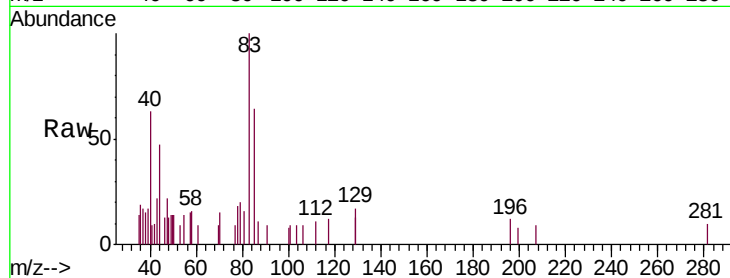
Tgt Ion: 83 Resp: 2651

Ion Ratio Lower Upper

83 100

85 64.2 44.9 83.5

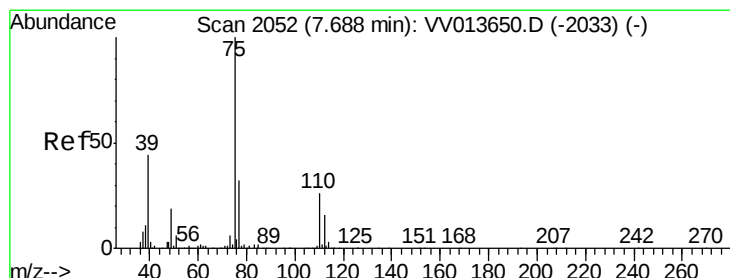
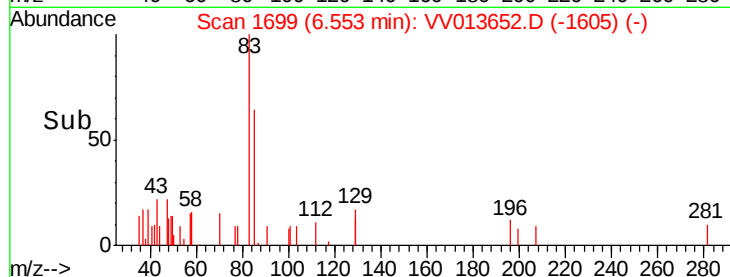
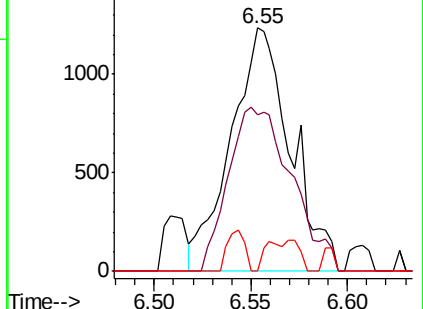
127 0.0 7.0 10.6#



Abundance Ion 82.95 (82.65 to 83.65): VV013652.D (-1679) (-)

Ion 85.00 (84.70 to 85.70): VV013652.D (-1679) (-)

Ion 126.90 (126.60 to 127.60): VV013652.D (-1679) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.077 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV013652.D

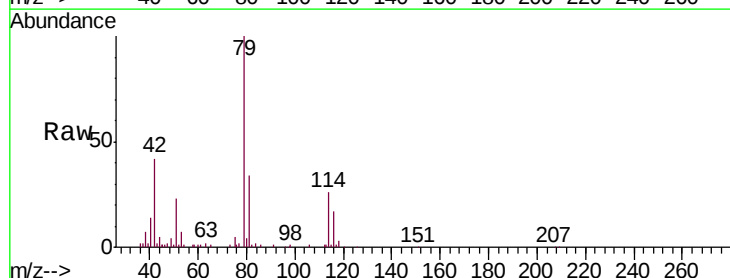
Acq: 18 Nov 2019 12:13

Tgt Ion: 75 Resp: 2249

Ion Ratio Lower Upper

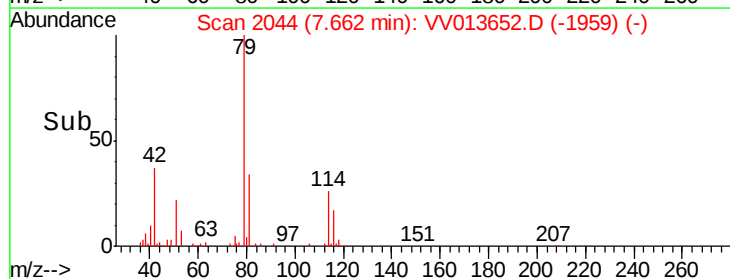
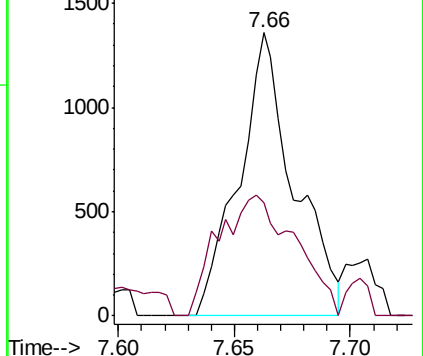
75 100

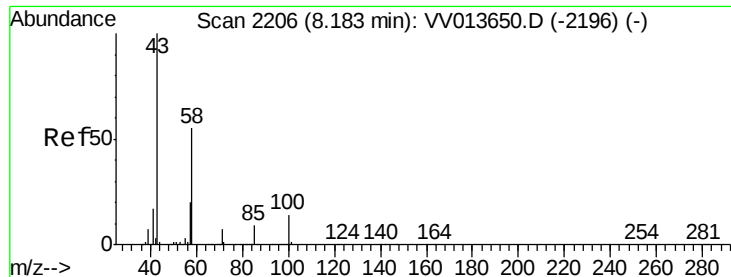
77 40.1 21.6 40.2



Abundance Ion 75.05 (74.75 to 75.75): VV013652.D (-1959) (-)

Ion 77.05 (76.75 to 77.75): VV013652.D (-1959) (-)

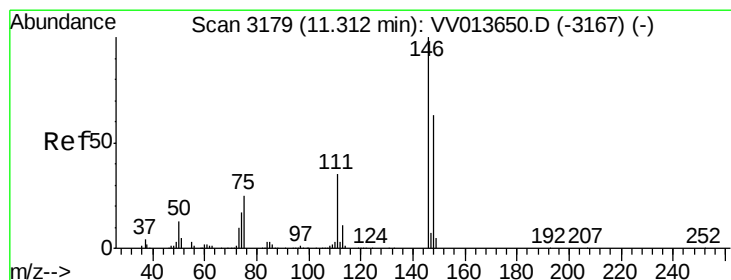
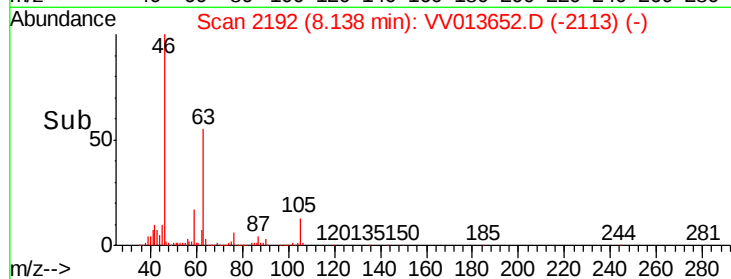
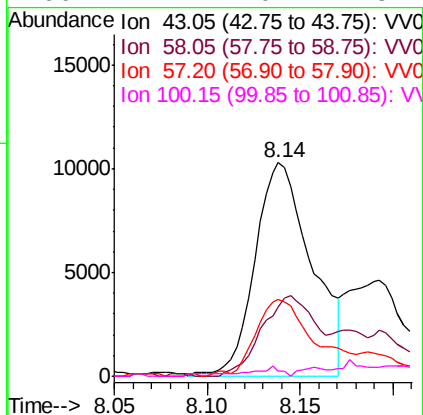
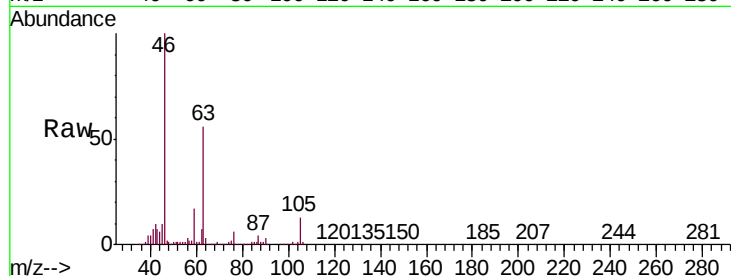




#48
 2-Hexanone
 Concen: 2.040 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.04 min
 Lab File: VV013652.D
 Acq: 18 Nov 2019 12:13

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQG8DL

Tgt Ion:	43	Resp:	21841
Ion	Ratio	Lower	Upper
43	100		
58	35.2	43.0	64.6#
57	38.0	15.4	23.2#
100	2.1	10.1	15.1#



#63
 1,4-Dichlorobenzene
 Concen: 0.057 ug/L
 RT: 11.31 min Scan# 3179
 Delta R.T. 0.00 min
 Lab File: VV013652.D
 Acq: 18 Nov 2019 12:13

Tgt Ion:	146	Resp:	3018
Ion	Ratio	Lower	Upper
146	100		
111	32.8	25.6	47.6
148	44.7	45.6	84.8#

