

Data File : VV013706.D
Acq On : 21 Nov 2019 12:20
Operator : SY/MD
Sample : K5941-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
B0AA1

Quant Time: Nov 22 03:58:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 03:55:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	396329	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	381969	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	172607	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	127808	5.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.40%
7) Chloroethane-d5	1.58	69	116052	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.12	63	174619	3.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.60%
20) 2-Butanone-d5	3.96	46	262896	46.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.88%
24) Chloroform-d	4.39	84	265028	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.07	65	129249	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.09	84	544846	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.11	67	162012	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.35	98	460943	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.66	79	55005	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.14	63	195864	42.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	102751	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	177425	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

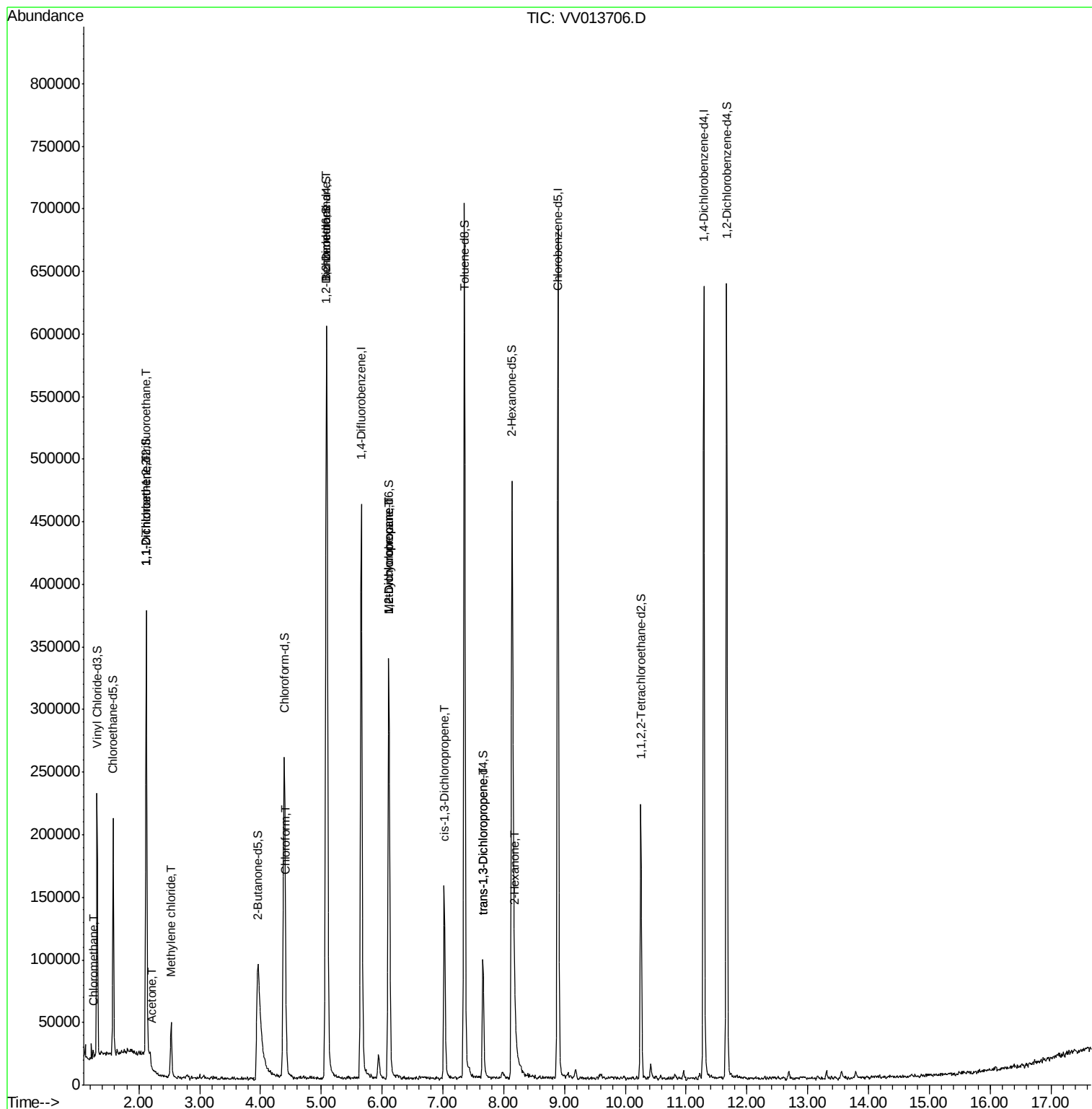
						Qvalue
3) Chloromethane	1.25	50	3834	0.109	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1991	0.082	ug/L #	27
12) 1,1-Dichloroethene	2.12	96	1911	0.081	ug/L #	1
13) Acetone	2.23	43	5110	1.431	ug/L	93
16) Methylene chloride	2.53	84	18099	0.550	ug/L	99
25) Chloroform	4.42	83	8436	0.119	ug/L	92
27) 1,2-Dichloroethane	5.09	62	3225	0.103	ug/L	95
35) Methylcyclohexane	6.11	83	40638	0.861	ug/L #	17
37) 1,2-Dichloropropane	6.11	63	17974	0.649	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	4147	0.104	ug/L #	56
44) trans-1,3-Dichloropropene	7.66	75	2358	0.075	ug/L	99
48) 2-Hexanone	8.18	43	14902	1.305	ug/L #	49

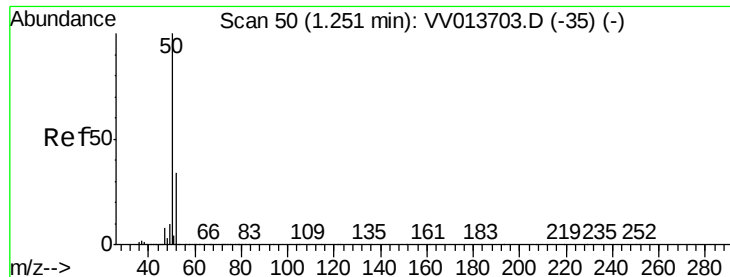
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.109 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV013706.D

Acq: 21 Nov 2019 12:20

Instrument :

MSVOA_V

ClientSampleId :

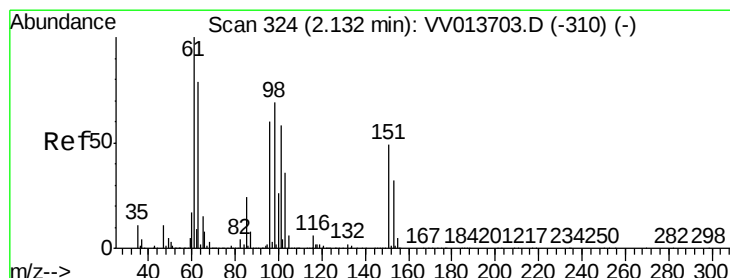
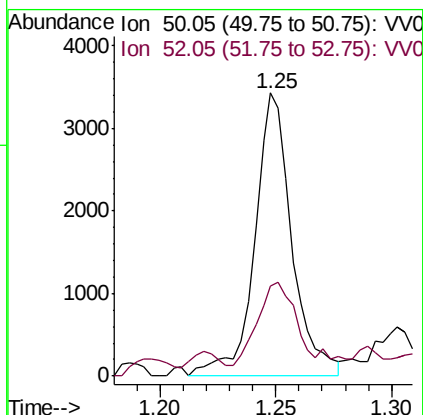
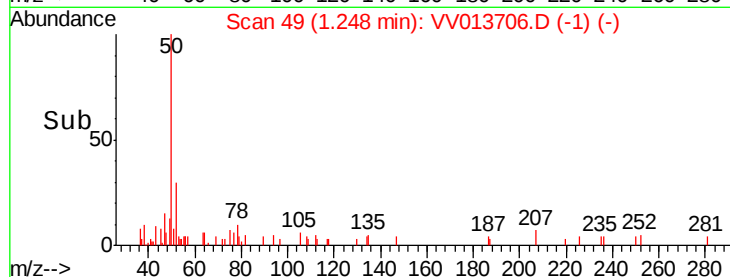
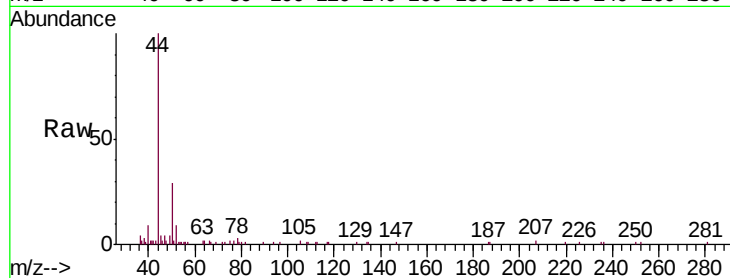
B0AA1

Tgt Ion: 50 Resp: 3834

Ion Ratio Lower Upper

50 100

52 31.7 23.4 43.4



#10

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

Concen: 0.082 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV013706.D

Acq: 21 Nov 2019 12:20

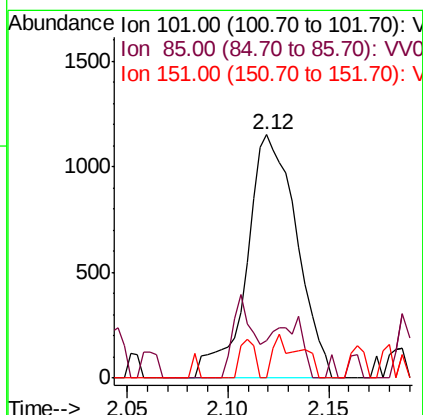
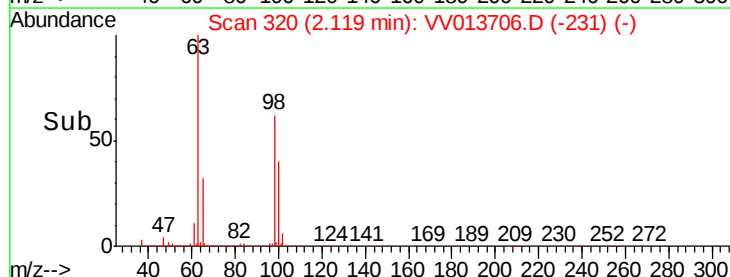
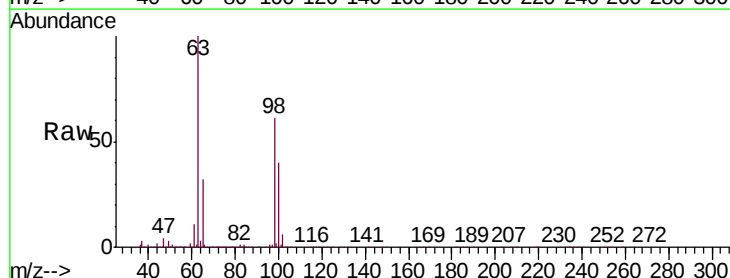
Tgt Ion: 101 Resp: 1991

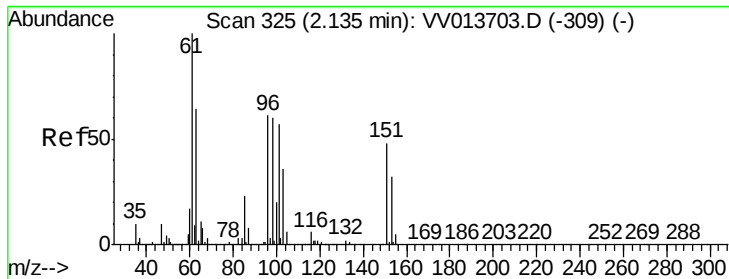
Ion Ratio Lower Upper

101 100

85 14.7 32.0 48.0#

151 5.7 69.0 103.6#

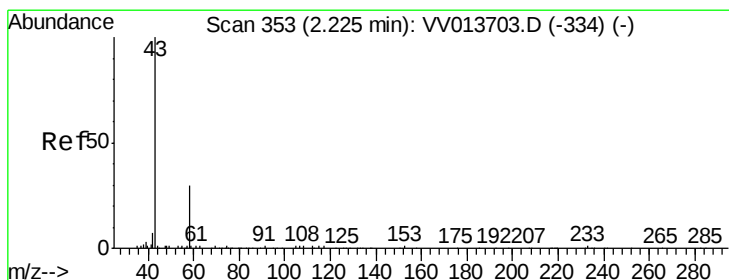
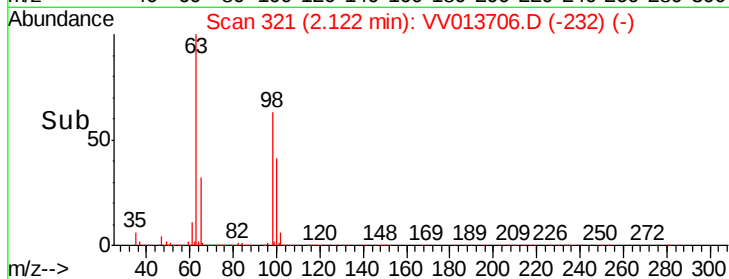
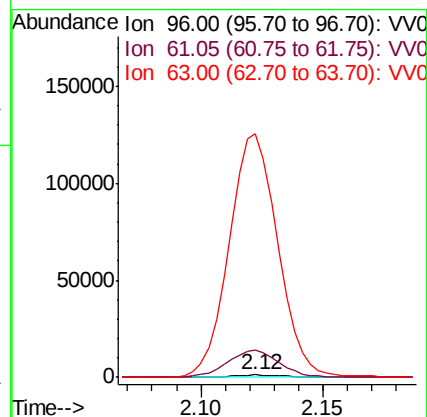
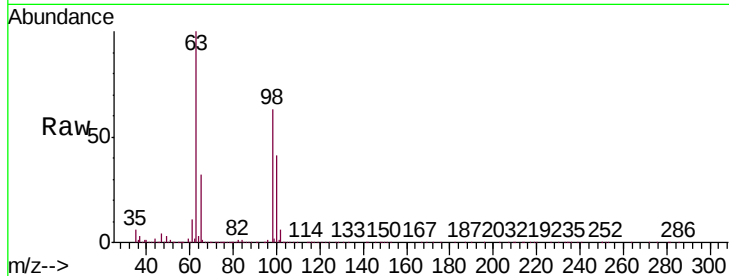




#12
 1,1-Dichloroethene
 Concen: 0.081 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV013706.D
 Acq: 21 Nov 2019 12:20

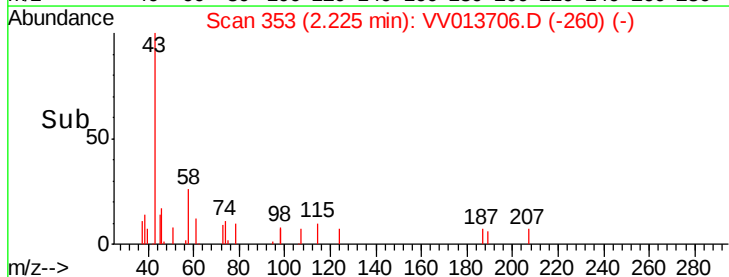
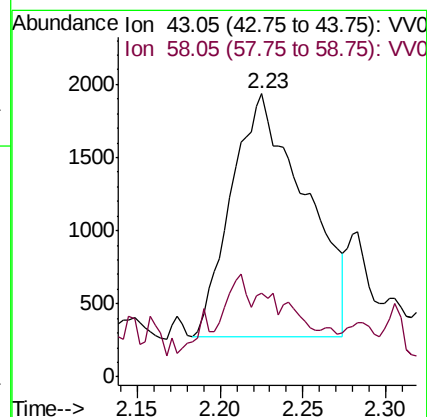
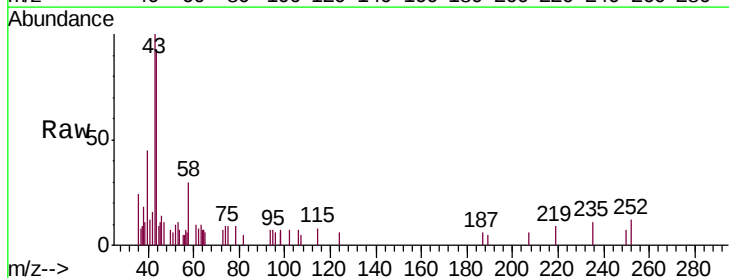
Instrument :
 MSVOA_V
 ClientSampleId :
 B0AA1

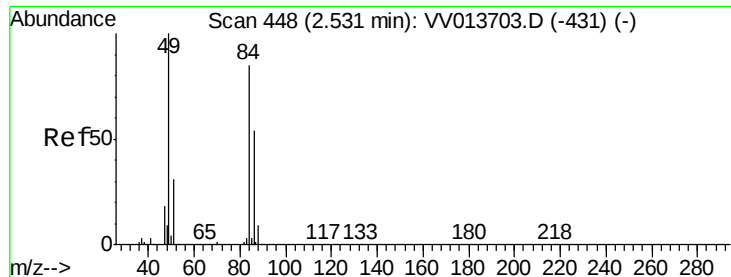
Tgt Ion: 96 Resp: 1911
 Ion Ratio Lower Upper
 96 100
 61 1135.1 112.5 208.9#
 63 10184.4 76.9 142.7#



#13
 Acetone
 Concen: 1.431 ug/L
 RT: 2.23 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VV013706.D
 Acq: 21 Nov 2019 12:20

Tgt Ion: 43 Resp: 5110
 Ion Ratio Lower Upper
 43 100
 58 6.1 0.0 17.0

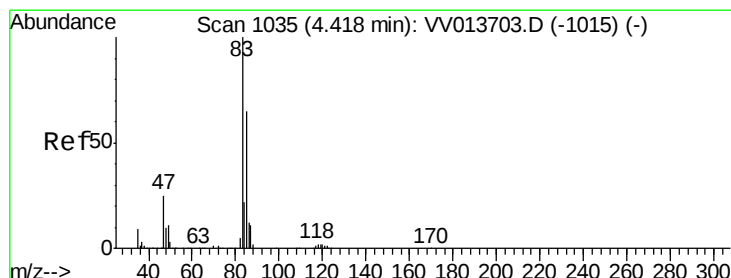
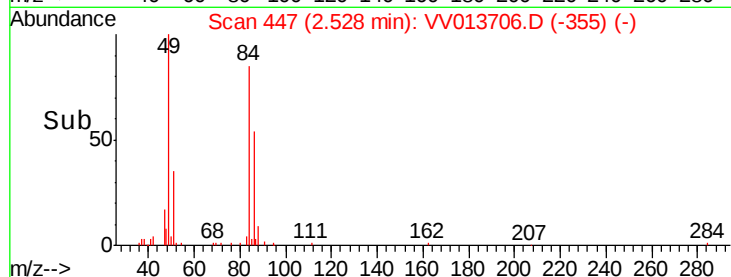
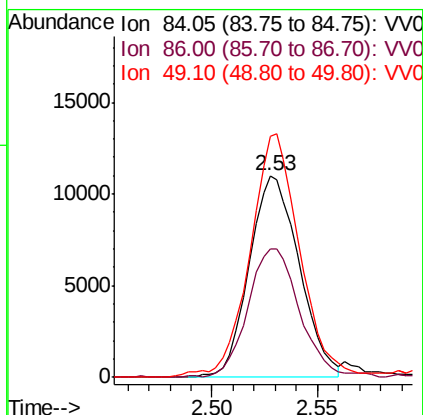
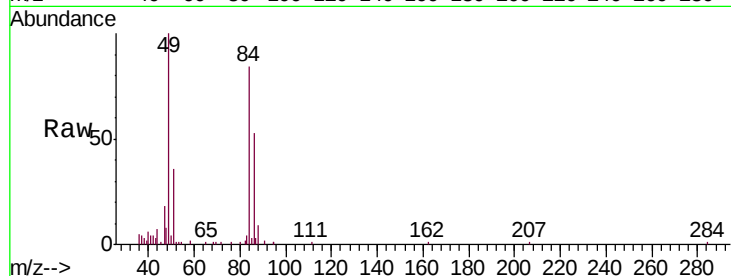




#16
Methylene chloride
Concen: 0.550 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.00 min
Lab File: VV013706.D
Acq: 21 Nov 2019 12:20

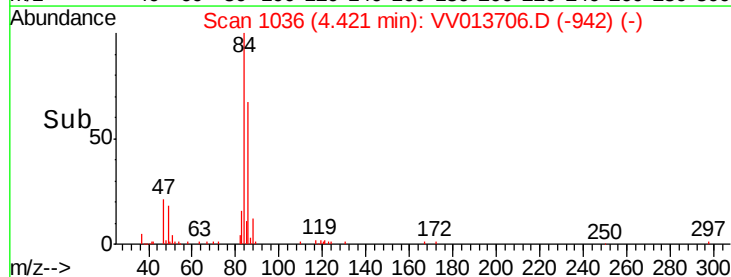
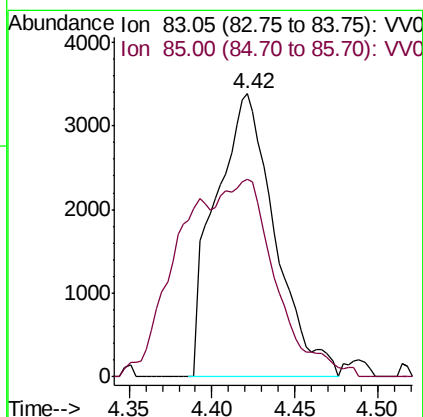
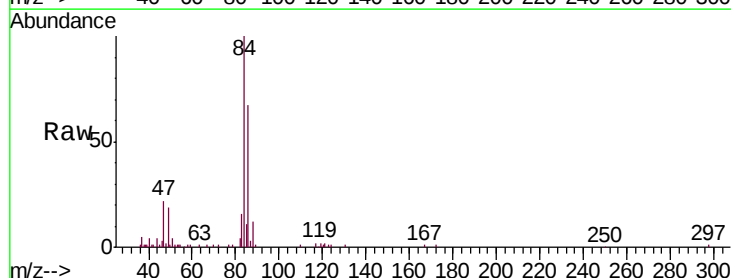
Instrument :
MSVOA_V
ClientSampleId :
B0AA1

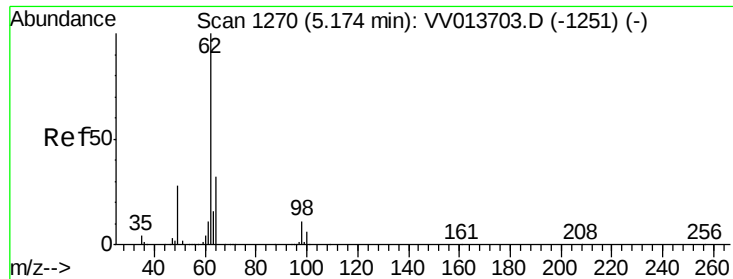
Tgt Ion: 84 Resp: 18099
Ion Ratio Lower Upper
84 100
86 63.9 44.1 81.9
49 119.6 83.4 155.0



#25
Chloroform
Concen: 0.119 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV013706.D
Acq: 21 Nov 2019 12:20

Tgt Ion: 83 Resp: 8436
Ion Ratio Lower Upper
83 100
85 69.8 44.4 82.5

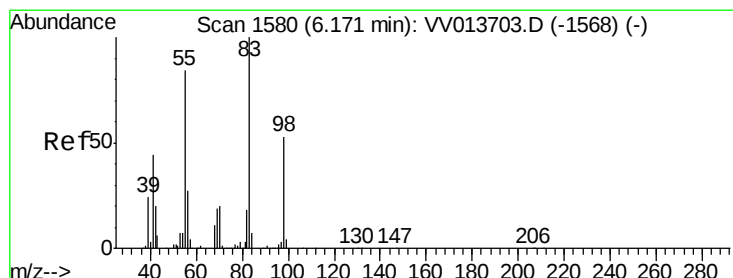
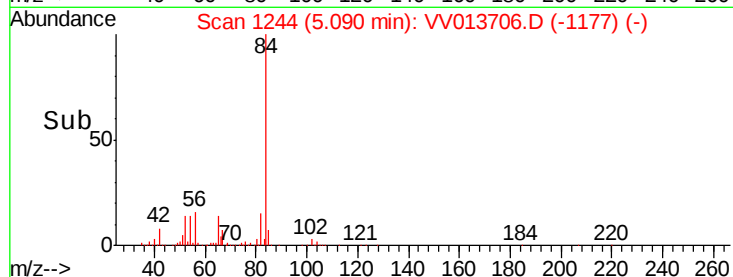
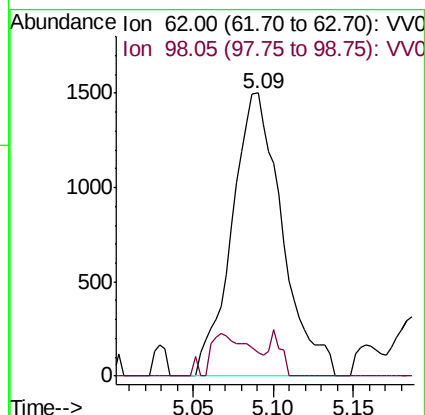
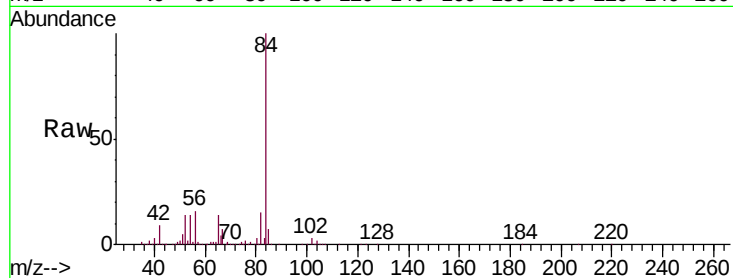




#27
 1,2-Dichloroethane
 Concen: 0.103 ug/L
 RT: 5.09 min Scan# 1244
 Delta R.T. -0.08 min
 Lab File: VV013706.D
 Acq: 21 Nov 2019 12:20

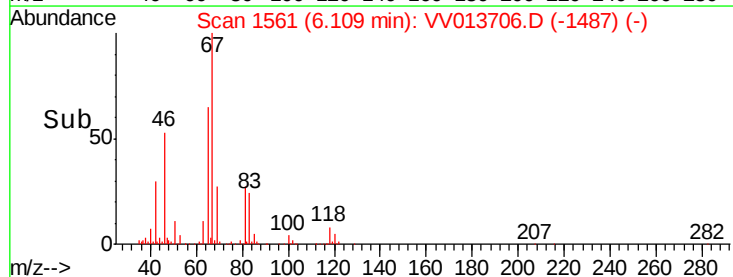
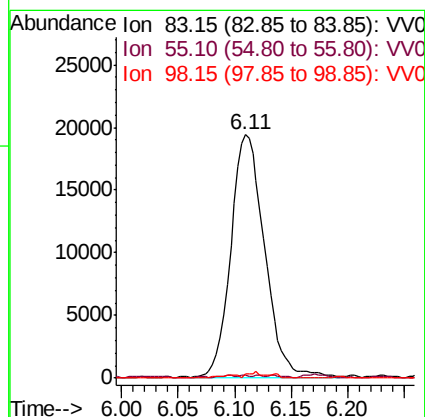
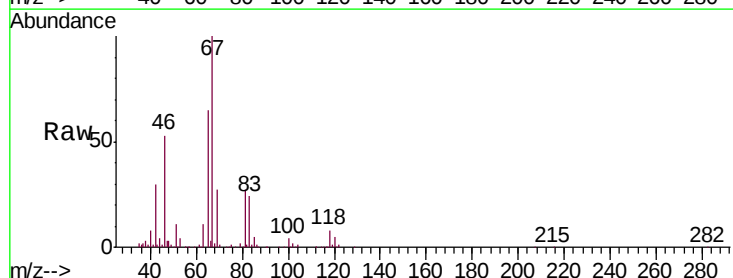
Instrument :
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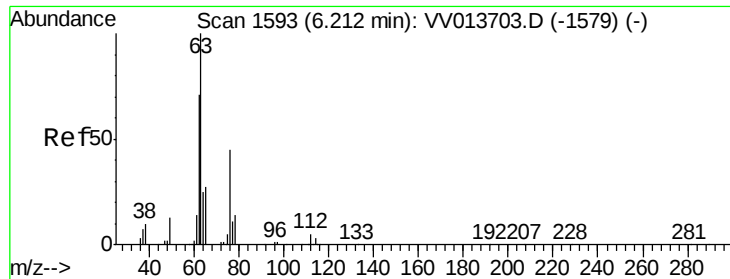
Tgt Ion: 62 Resp: 3225
 Ion Ratio Lower Upper
 62 100
 98 8.5 8.2 12.2



#35
 Methylcyclohexane
 Concen: 0.861 ug/L
 RT: 6.11 min Scan# 1561
 Delta R.T. -0.06 min
 Lab File: VV013706.D
 Acq: 21 Nov 2019 12:20

Tgt Ion: 83 Resp: 40638
 Ion Ratio Lower Upper
 83 100
 55 0.4 64.1 96.1#
 98 0.6 38.2 57.2#

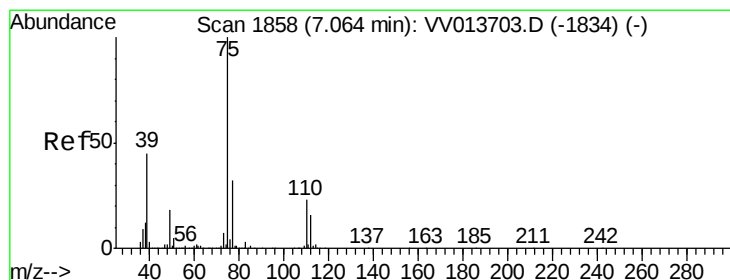
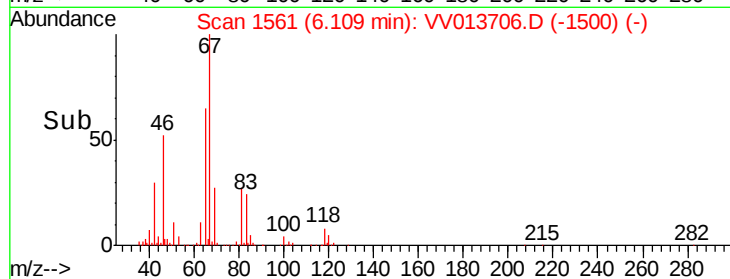
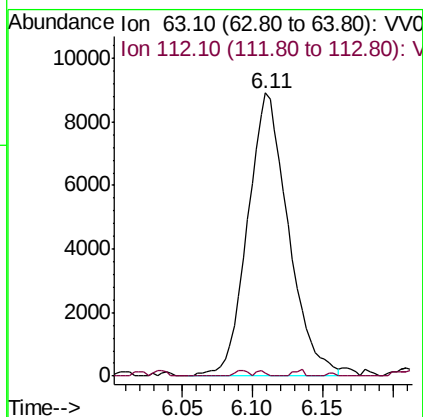
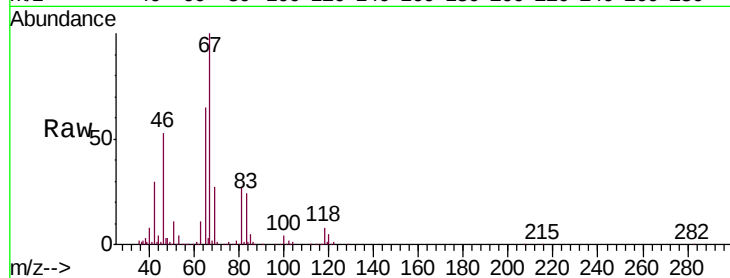




#37
 1,2-Dichloropropane
 Concen: 0.649 ug/L
 RT: 6.11 min Scan# 1561
 Delta R.T. -0.10 min
 Lab File: VV013706.D
 Acq: 21 Nov 2019 12:20

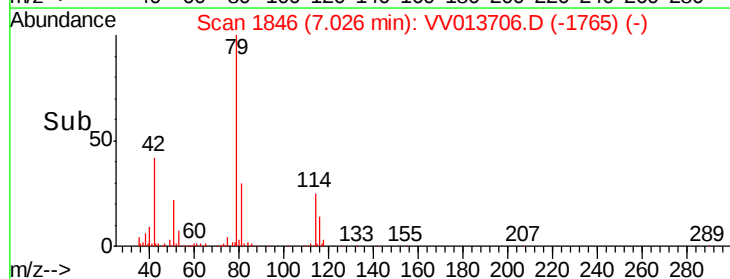
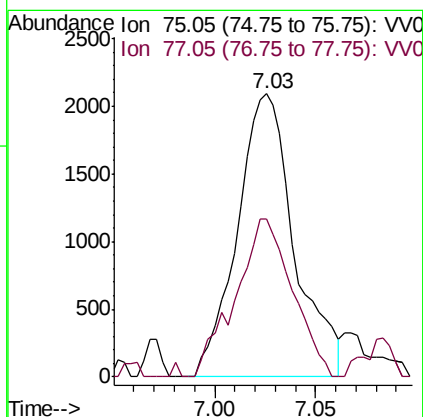
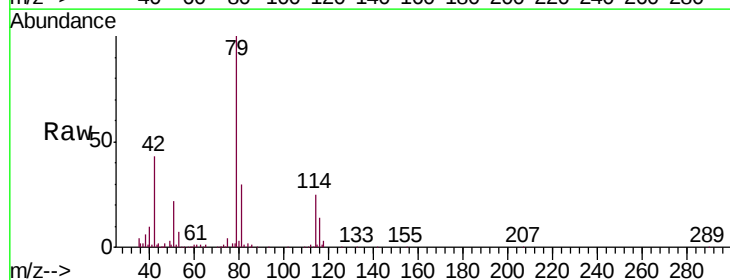
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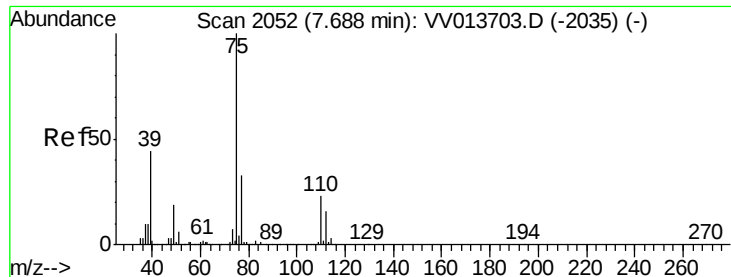
Tgt Ion: 63 Resp: 17974
 Ion Ratio Lower Upper
 63 100
 112 0.5 4.1 6.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV013706.D
 Acq: 21 Nov 2019 12:20

Tgt Ion: 75 Resp: 4147
 Ion Ratio Lower Upper
 75 100
 77 55.8 22.0 40.8#





#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.66 min Scan# 2042

Delta R.T. -0.03 min

Lab File: VV013706.D

Acq: 21 Nov 2019 12:20

Instrument :

MSVOA_V

ClientSampleId :

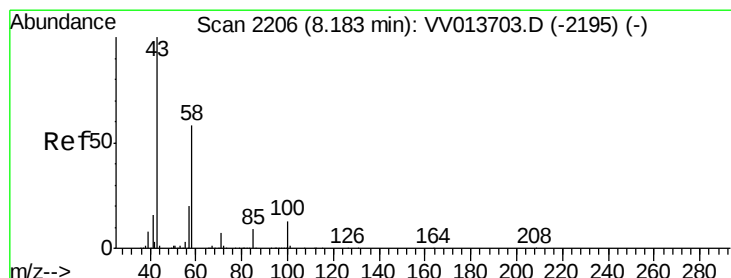
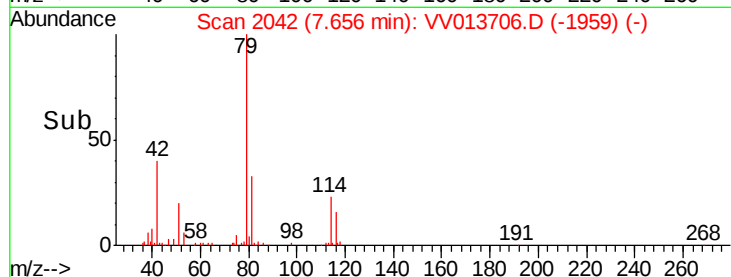
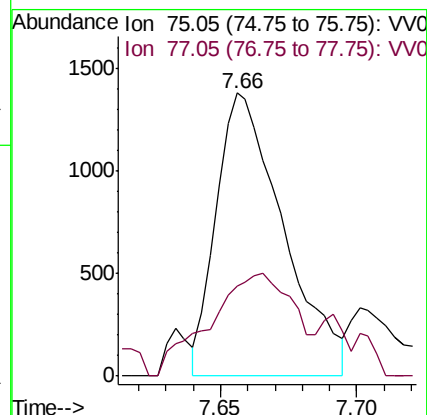
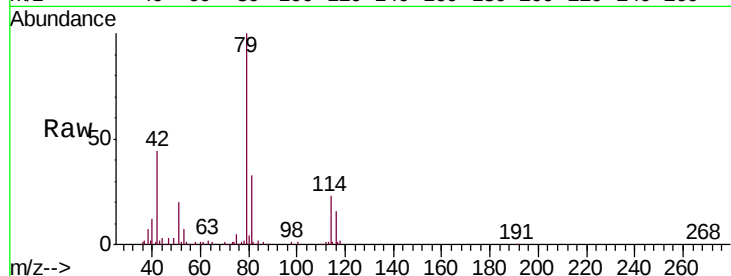
B0AA1

Tgt Ion: 75 Resp: 2358

Ion Ratio Lower Upper

75 100

77 31.7 21.6 40.2



#48

2-Hexanone

Concen: 1.305 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. -0.00 min

Lab File: VV013706.D

Acq: 21 Nov 2019 12:20

Tgt Ion: 43 Resp: 14902

Ion Ratio Lower Upper

43 100

58 0.0 43.0 64.6#

57 16.4 15.4 23.2

100 6.5 10.1 15.1#

