

Data File : VV013715.D
Acq On : 21 Nov 2019 15:54
Operator : SY/MD
Sample : K5941-08 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
B0AC0

Quant Time: Nov 22 03:59:50 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	281831	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	276324	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	133861	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	124555	7.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	143.00%#
7) Chloroethane-d5	1.58	69	103073	6.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	132.60%#
11) 1,1-Dichloroethene-d2	2.12	63	187709	6.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	120.20%
20) 2-Butanone-d5	3.95	46	344779	85.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	171.28%#
24) Chloroform-d	4.39	84	265448	6.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	138.00%#
26) 1,2-Dichloroethane-d4	5.08	65	137347	7.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	148.60%#
32) Benzene-d6	5.09	84	540755	7.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	140.40%#
36) 1,2-Dichloropropane-d6	6.11	67	163992	7.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	144.20%#
41) Toluene-d8	7.35	98	469066	6.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	131.00%#
43) trans-1,3-Dichloropropene-	7.66	79	55410	6.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	126.60%
46) 2-Hexanone-d5	8.14	63	243595	73.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	146.98%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	123672	7.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	150.20%#
64) 1,2-Dichlorobenzene-d4	11.67	152	190043	7.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	147.60%#

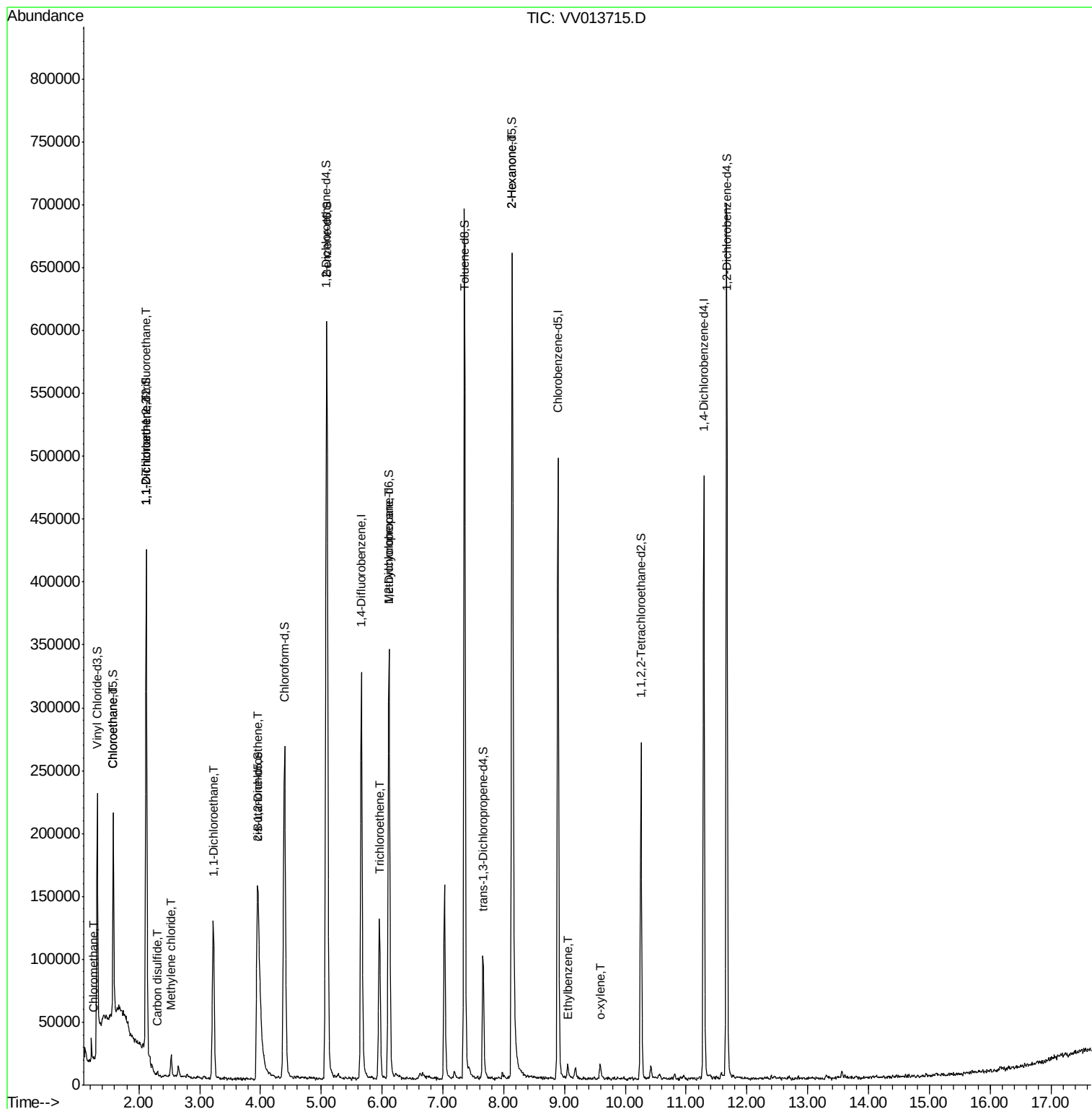
Target Compounds

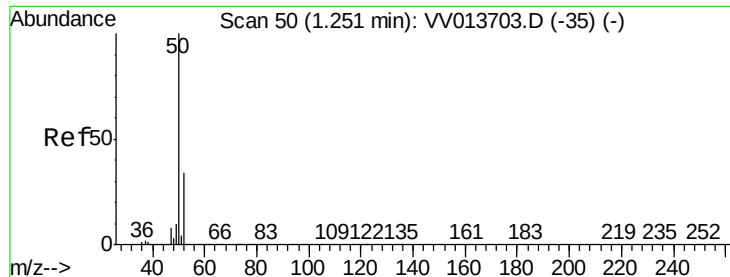
					Qvalue
3) Chloromethane	1.25	50	2282	0.092 ug/L	84
8) Chloroethane	1.59	64	5907	0.443 ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2087	0.120 ug/L #	22
12) 1,1-Dichloroethene	2.13	96	29312	1.741 ug/L #	1
14) Carbon disulfide	2.31	76	3726	0.064 ug/L #	77
16) Methylene chloride	2.53	84	6328	0.270 ug/L	95
19) 1,1-Dichloroethane	3.22	63	125461	3.383 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	2136	0.099 ug/L #	90
34) Trichloroethene	5.96	95	44174	1.973 ug/L	93
35) Methylcyclohexane	6.11	83	39958	1.170 ug/L #	18
48) 2-Hexanone	8.14	43	32405	3.921 ug/L #	85
52) Ethylbenzene	9.05	91	6474	0.068 ug/L	97
54) o-xylene	9.59	106	2827	0.082 ug/L	90

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

Instrument :
MSVOA_V
ClientSampleId :
B0AC0

Quant Time: Nov 22 03:59:50 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





#3

Chloromethane

Concen: 0.092 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV013715.D

Acq: 21 Nov 2019 15:54

Instrument :

MSVOA_V

ClientSampleId :

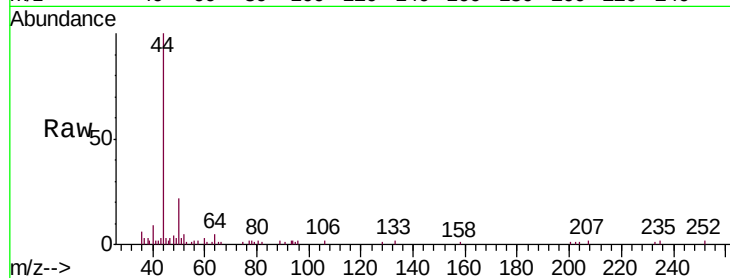
B0AC0

Tgt Ion: 50 Resp: 2282

Ion Ratio Lower Upper

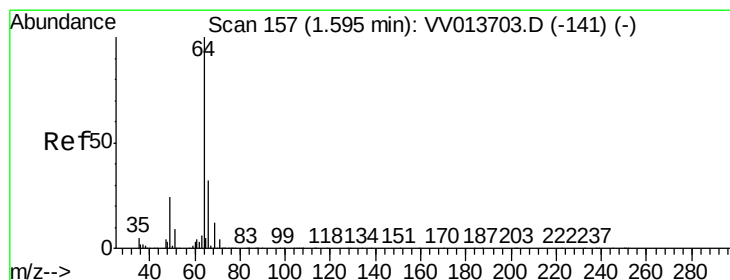
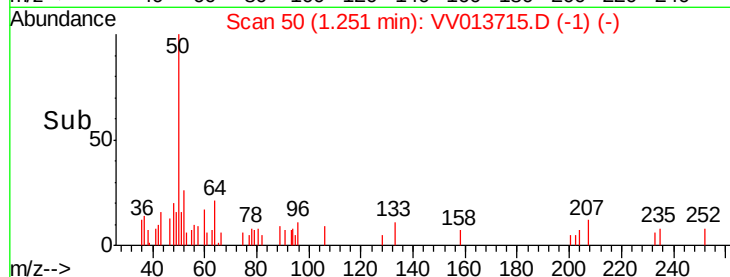
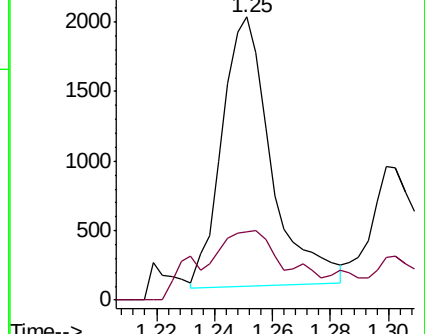
50 100

52 24.1 23.4 43.4



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.443 ug/L

RT: 1.59 min Scan# 155

Delta R.T. -0.01 min

Lab File: VV013715.D

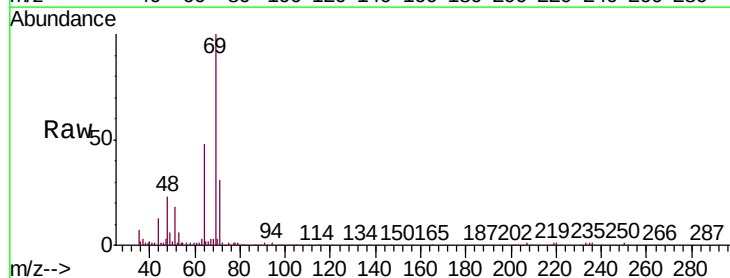
Acq: 21 Nov 2019 15:54

Tgt Ion: 64 Resp: 5907

Ion Ratio Lower Upper

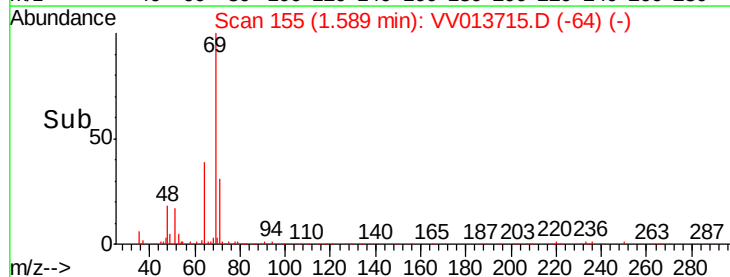
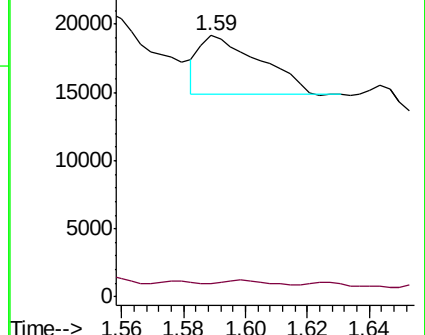
64 100

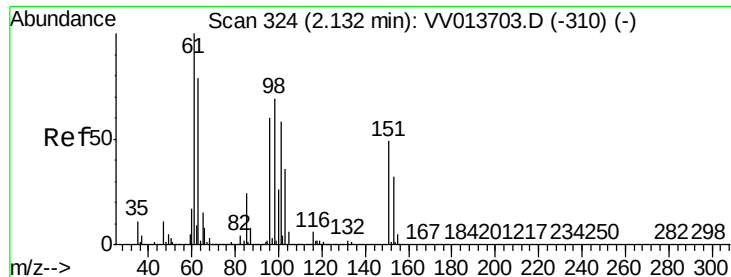
66 5.1 21.9 40.7#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#10

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

Concen: 0.120 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.02 min

Lab File: VV013715.D

Acq: 21 Nov 2019 15:54

Instrument :

MSVOA_V

ClientSampleId :

B0AC0

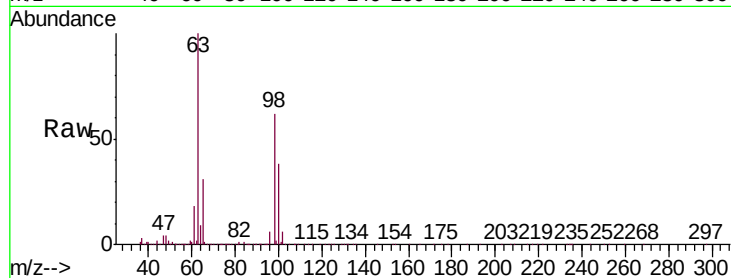
Tgt Ion: 101 Resp: 2087

Ion Ratio Lower Upper

101 100

85 12.1 32.0 48.0#

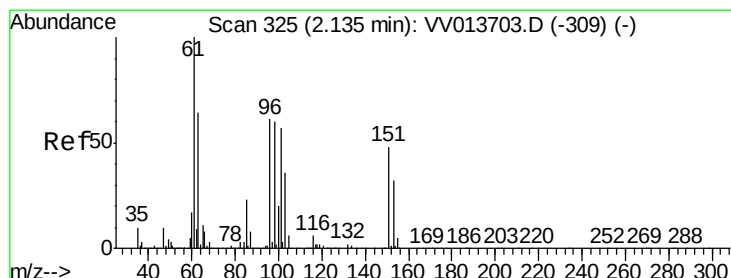
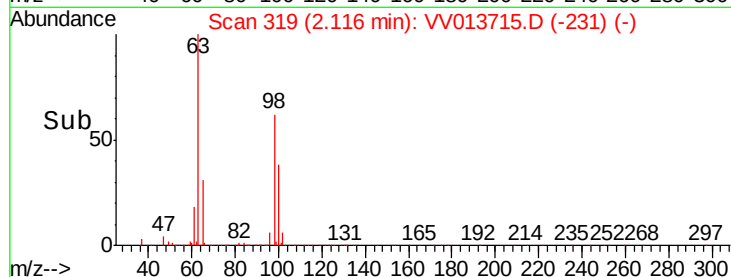
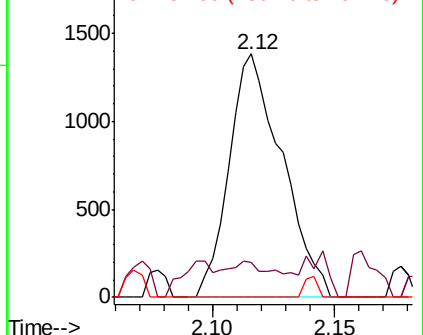
151 0.0 69.0 103.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 1.741 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013715.D

Acq: 21 Nov 2019 15:54

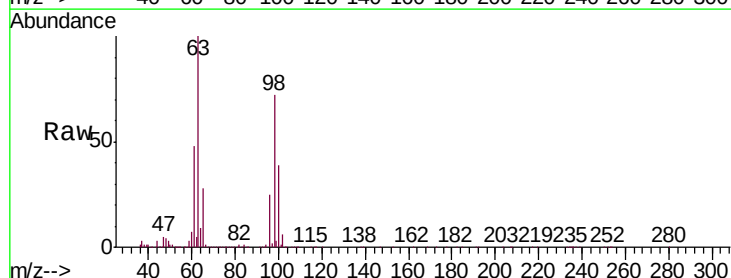
Tgt Ion: 96 Resp: 29312

Ion Ratio Lower Upper

96 100

61 192.0 112.5 208.9

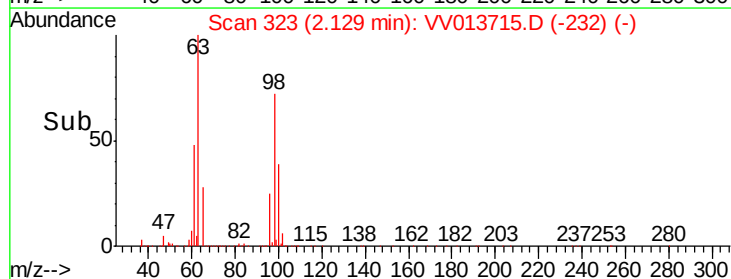
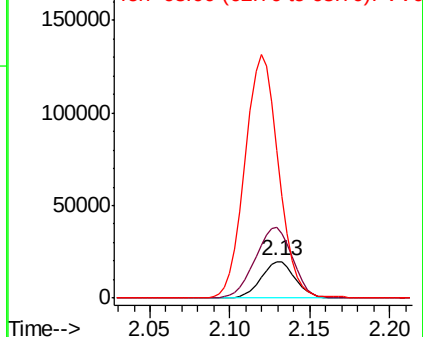
63 401.4 76.9 142.7#

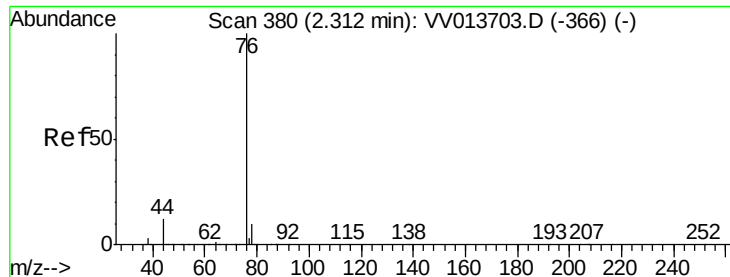


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#14

Carbon disulfide

Concen: 0.064 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.01 min

Lab File: VV013715.D

Acq: 21 Nov 2019 15:54

Instrument :

MSVOA_V

ClientSampleId :

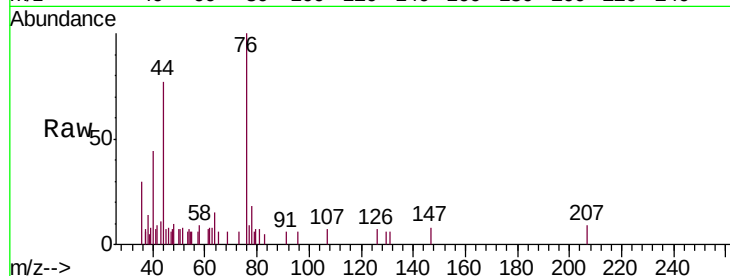
B0AC0

Tgt Ion: 76 Resp: 3726

Ion Ratio Lower Upper

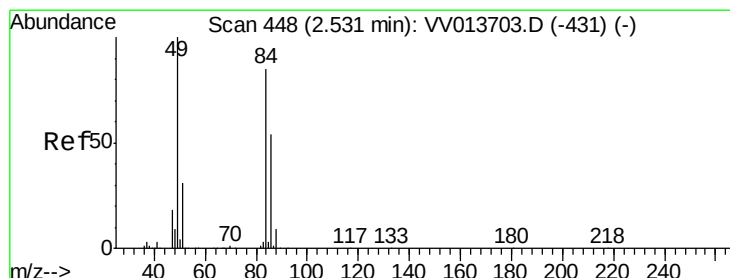
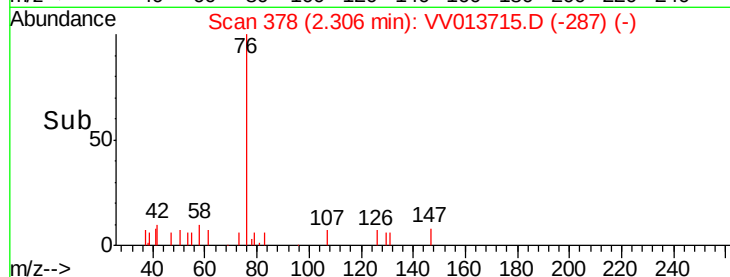
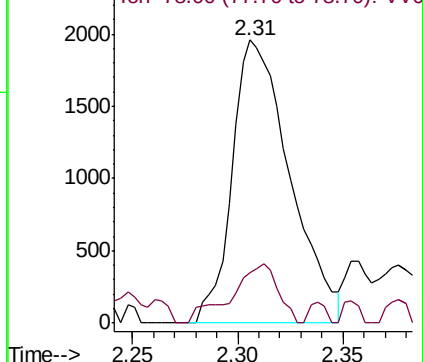
76 100

78 17.7 7.4 11.2#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#16

Methylene chloride

Concen: 0.270 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.00 min

Lab File: VV013715.D

Acq: 21 Nov 2019 15:54

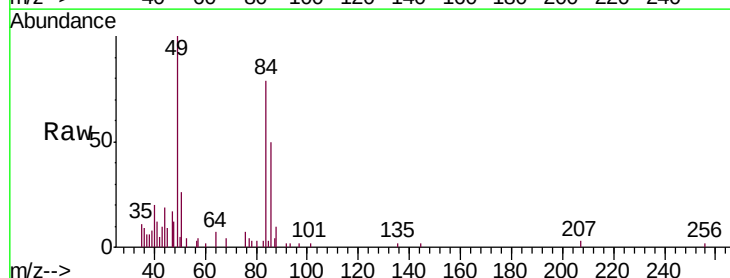
Tgt Ion: 84 Resp: 6328

Ion Ratio Lower Upper

84 100

86 63.9 44.1 81.9

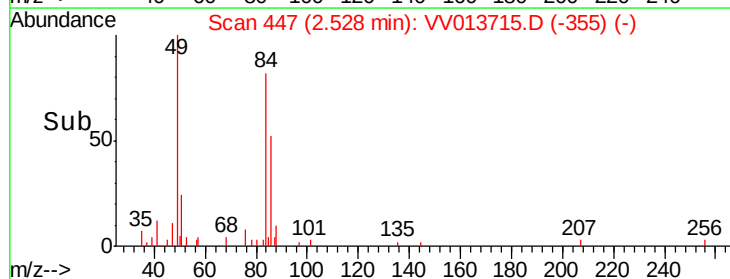
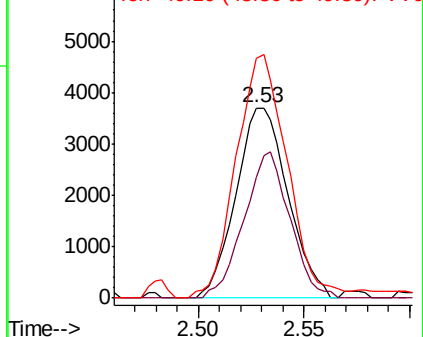
49 126.5 83.4 155.0

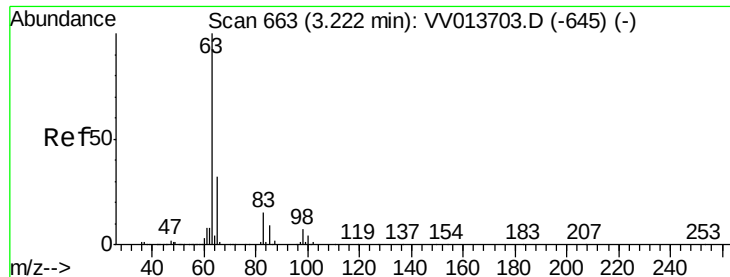


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

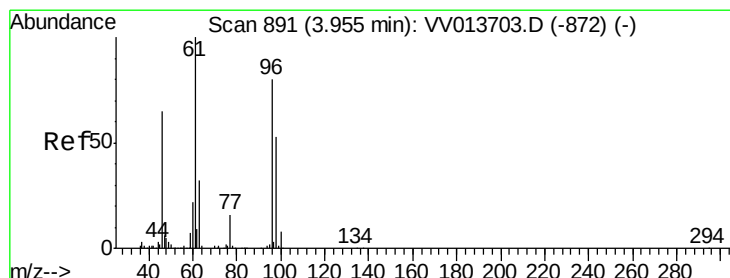
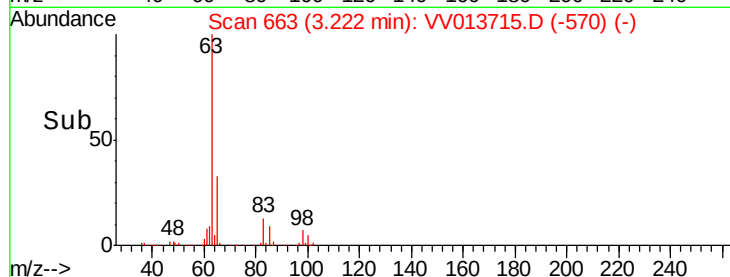
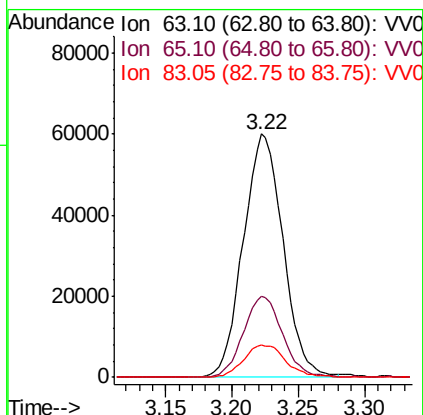
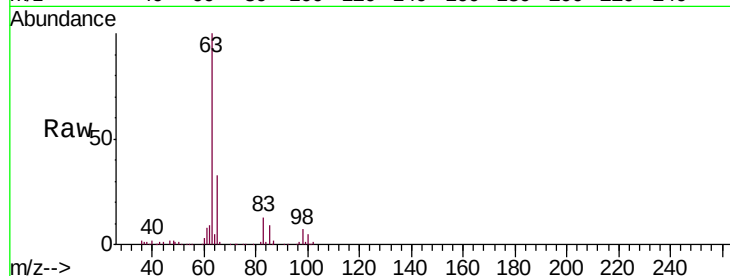




#19
 1,1-Dichloroethane
 Concen: 3.383 ug/L
 RT: 3.22 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: VV013715.D
 Acq: 21 Nov 2019 15:54

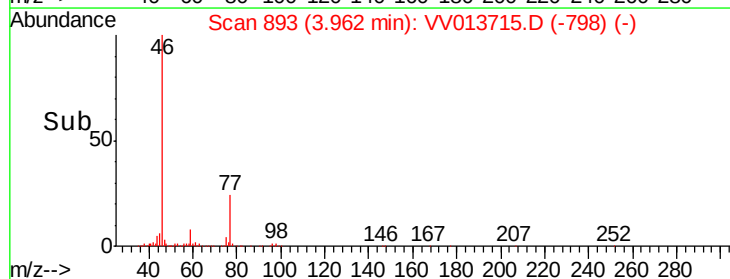
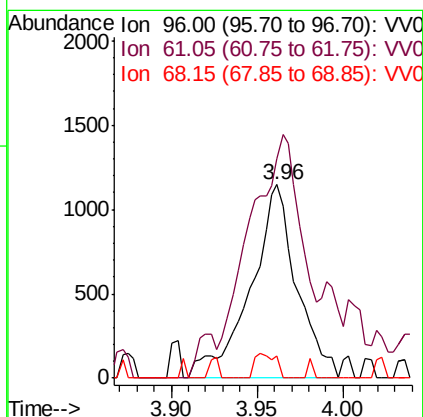
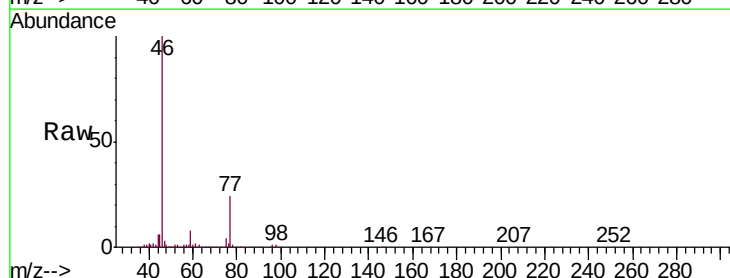
Instrument :
 MSVOA_V
 ClientSampleId :
 B0AC0

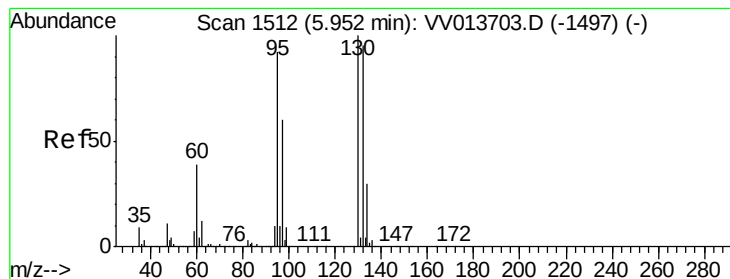
Tgt Ion:	63	Resp:	125461
Ion	Ratio	Lower	Upper
63	100		
65	33.1	22.5	41.7
83	13.2	9.7	17.9



#22
 cis-1,2-Dichloroethene
 Concen: 0.099 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: VV013715.D
 Acq: 21 Nov 2019 15:54

Tgt Ion:	96	Resp:	2136
Ion	Ratio	Lower	Upper
96	100		
61	113.3	87.7	162.9
68	11.7	0.1	0.3#





#34

Trichloroethene

Concen: 1.973 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV013715.D

Acq: 21 Nov 2019 15:54

Instrument :

MSVOA_V

ClientSampleId :

B0AC0

Tgt Ion: 95 Resp: 44174

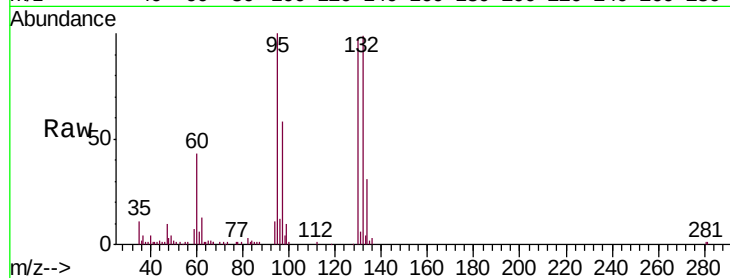
Ion Ratio Lower Upper

95 100

97 58.1 44.8 83.2

132 99.3 72.9 135.3

130 97.0 75.1 139.5

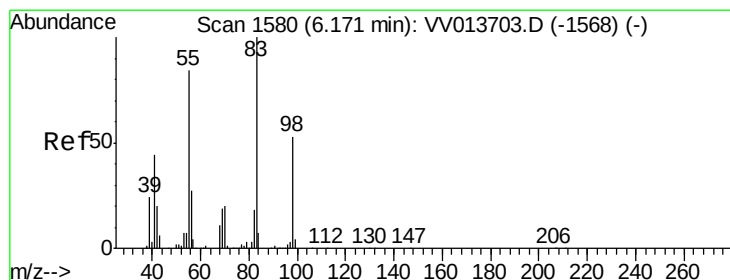
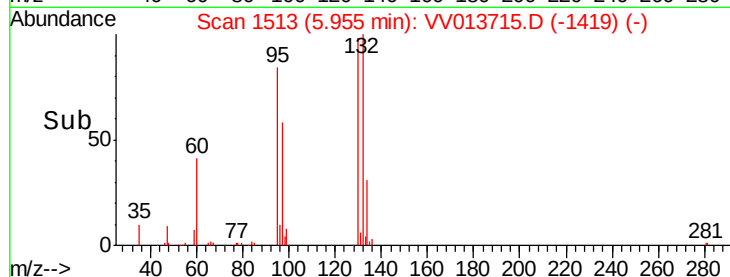
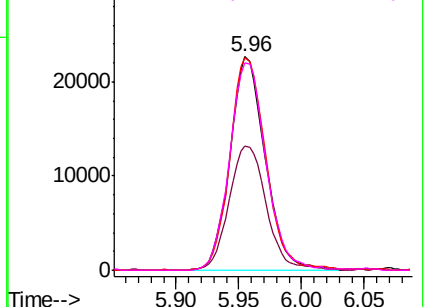


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 1.170 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV013715.D

Acq: 21 Nov 2019 15:54

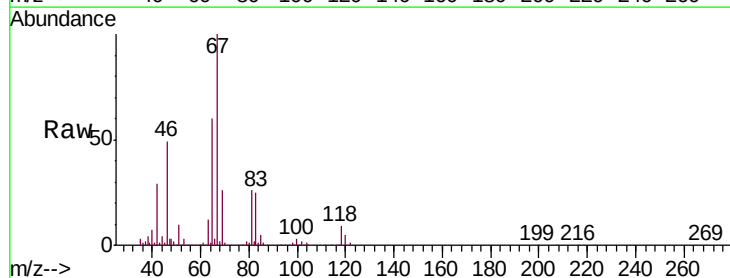
Tgt Ion: 83 Resp: 39958

Ion Ratio Lower Upper

83 100

55 0.5 64.1 96.1#

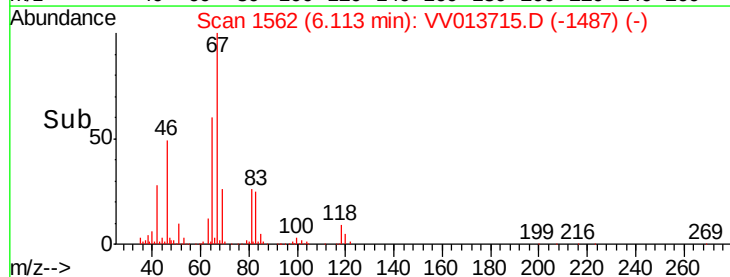
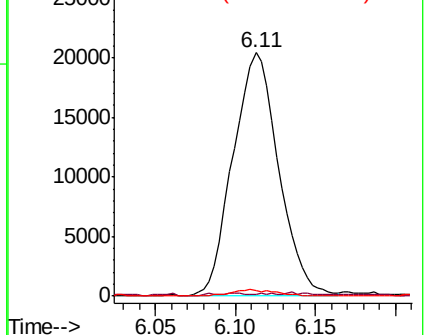
98 2.4 38.2 57.2#

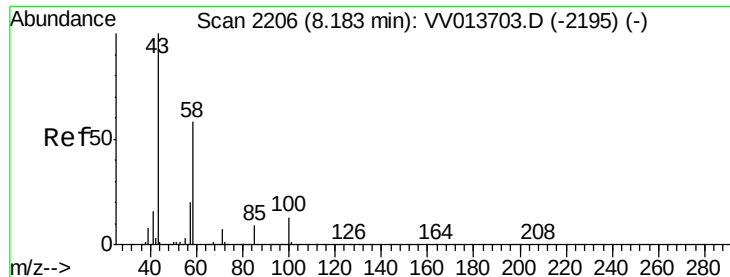


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

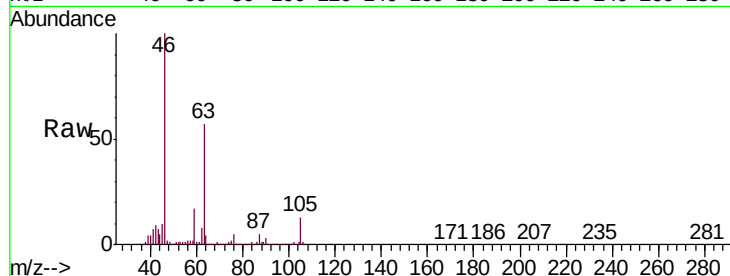




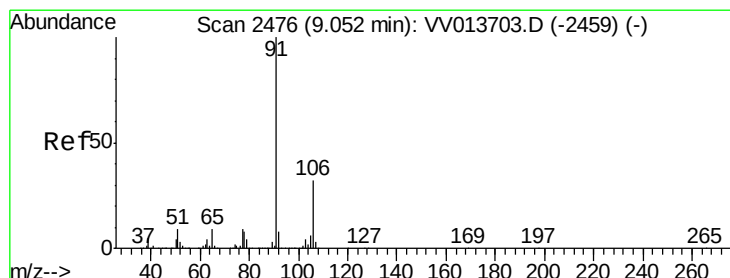
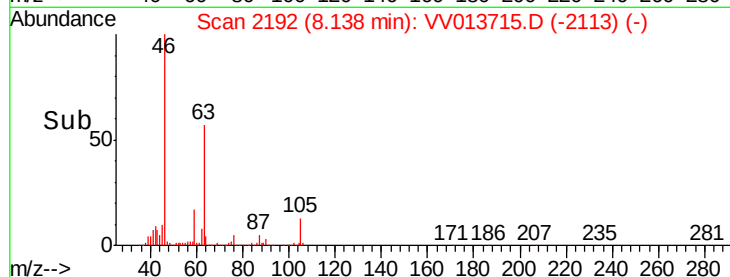
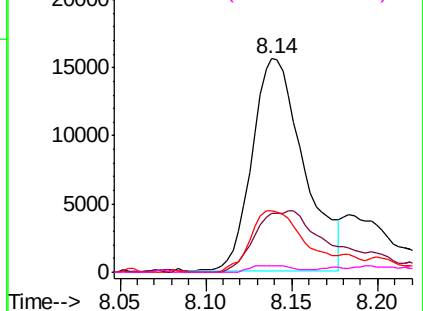
#48
2-Hexanone
Concen: 3.921 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV013715.D
Acq: 21 Nov 2019 15:54

Instrument :
MSVOA_V
ClientSampleId :
B0AC0

Tgt Ion: 43 Resp: 32405
Ion Ratio Lower Upper
43 100
58 47.5 43.0 64.6
57 30.6 15.4 23.2#
100 1.4 10.1 15.1#

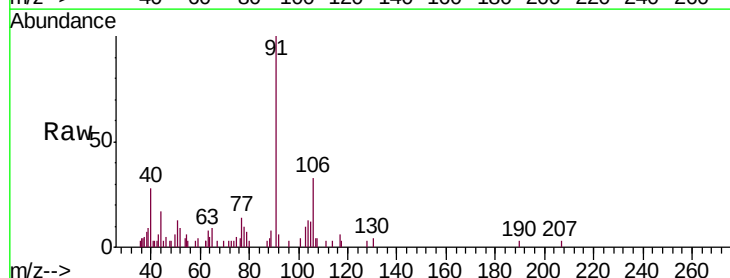


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

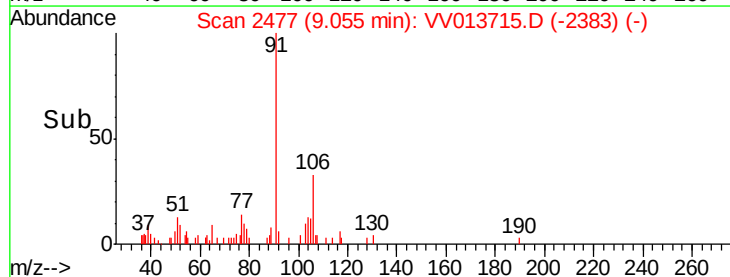
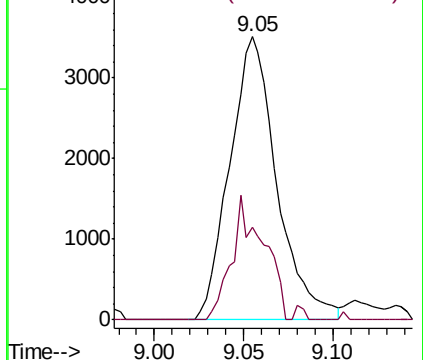


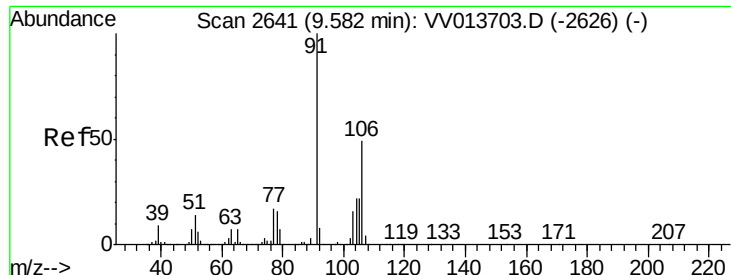
#52
Ethylbenzene
Concen: 0.068 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV013715.D
Acq: 21 Nov 2019 15:54

Tgt Ion: 91 Resp: 6474
Ion Ratio Lower Upper
91 100
106 32.6 21.7 40.3



Abundance Ion 91.15 (90.85 to 91.85): VV0
Ion 106.15 (105.85 to 106.85): VV0





#54
o-xylene
Concen: 0.082 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.01 min
Lab File: VV013715.D
Acq: 21 Nov 2019 15:54

Instrument :
MSVOA_V
ClientSampleId :
B0AC0

Tgt Ion:106 Resp: 2827
Ion Ratio Lower Upper
106 100
91 195.0 146.9 272.7

