

Data File : VV013738.D
Acq On : 22 Nov 2019 17:00
Operator : SY/MD
Sample : K5941-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
B0AC2

Quant Time: Nov 23 01:38:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 23 01:35:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	334829	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	323957	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	148548	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106304	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.58	69	93799	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.13	63	143704	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.40%
20) 2-Butanone-d5	3.92	46	225699	52.39	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.78%
24) Chloroform-d	4.40	84	209916	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.08	65	107646	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.10	84	420627	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.11	67	126100	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.36	98	362688	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.66	79	45799	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.13	63	164174	45.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.82%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	86266	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	145254	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

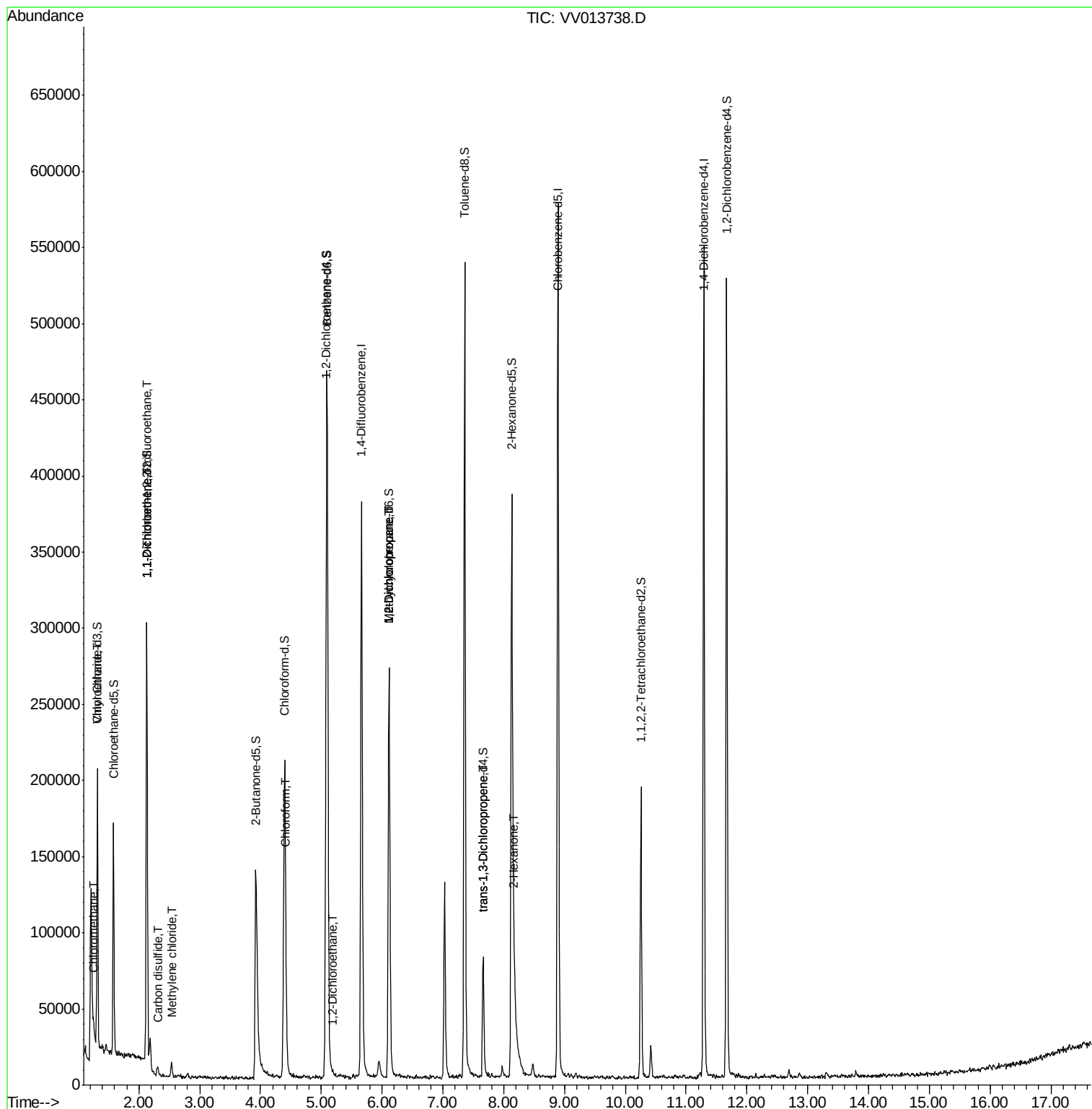
					Qvalue
3) Chloromethane	1.25	50	5579	0.285 ug/L	88
8) Chloroethane	1.32	64	4123	0.342 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1558	0.084 ug/L #	21
12) 1,1-Dichloroethene	2.13	96	1809	0.112 ug/L #	1
14) Carbon disulfide	2.32	76	1595	0.043 ug/L #	90
16) Methylene chloride	2.54	84	3723	0.169 ug/L	81
25) Chloroform	4.42	83	8713	0.226 ug/L	93
27) 1,2-Dichloroethane	5.19	62	925	0.042 ug/L #	73
35) Methylcyclohexane	6.12	83	31738	1.085 ug/L #	20
37) 1,2-Dichloropropane	6.11	63	14660	0.718 ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	2302	0.101 ug/L	94
48) 2-Hexanone	8.18	43	13809	1.623 ug/L #	82

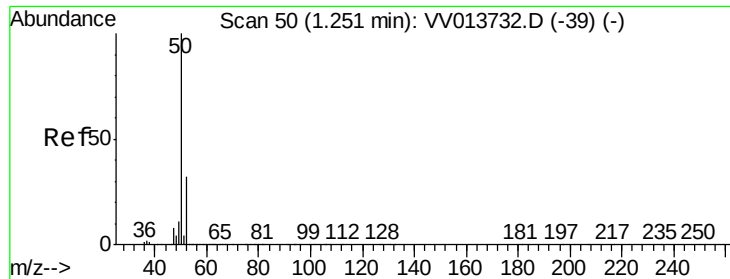
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.285 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV013738.D

Acq: 22 Nov 2019 17:00

Instrument :

MSVOA_V

ClientSampleId :

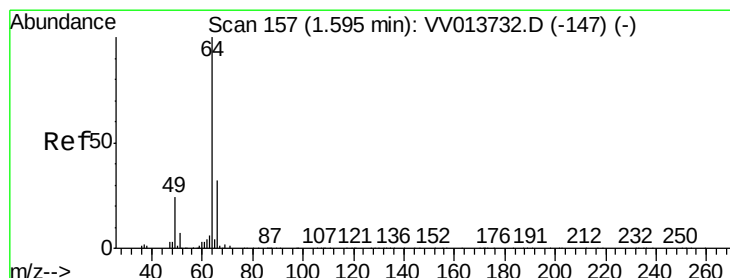
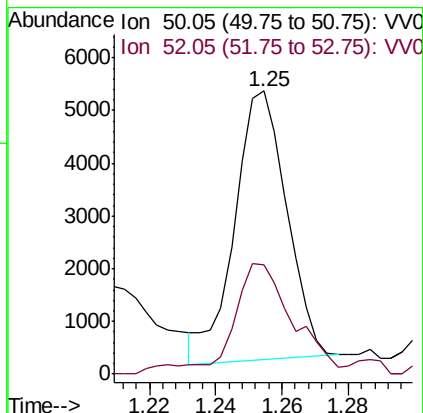
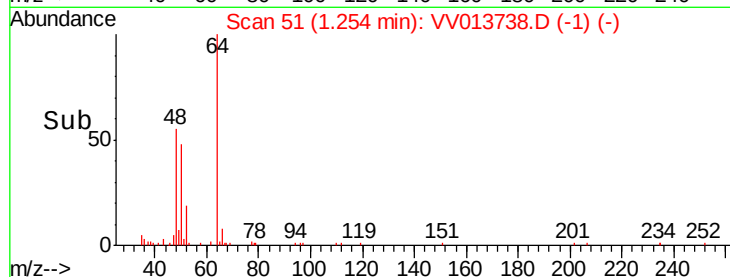
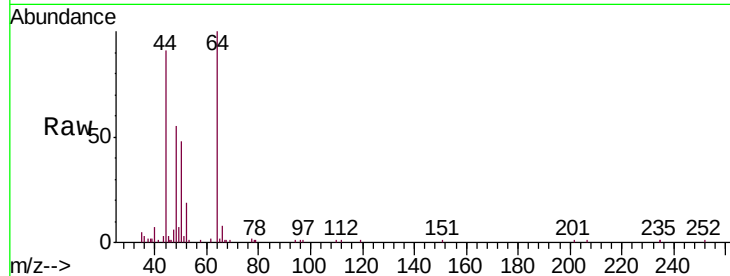
B0AC2

Tgt Ion: 50 Resp: 5579

Ion Ratio Lower Upper

50 100

52 38.7 22.5 41.7



#8

Chloroethane

Concen: 0.342 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.28 min

Lab File: VV013738.D

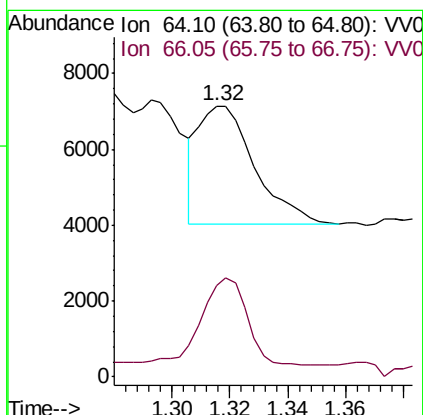
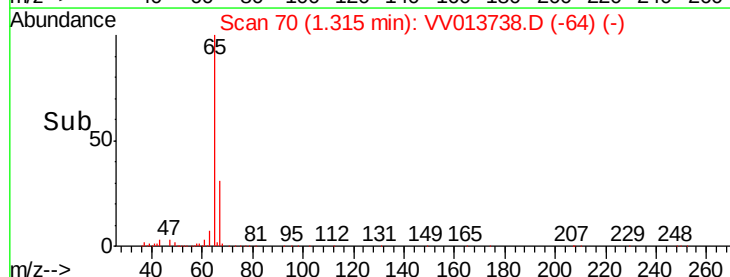
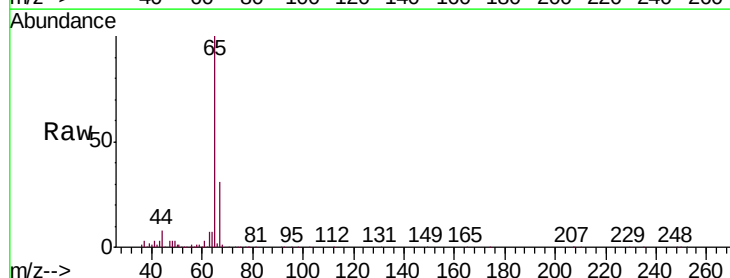
Acq: 22 Nov 2019 17:00

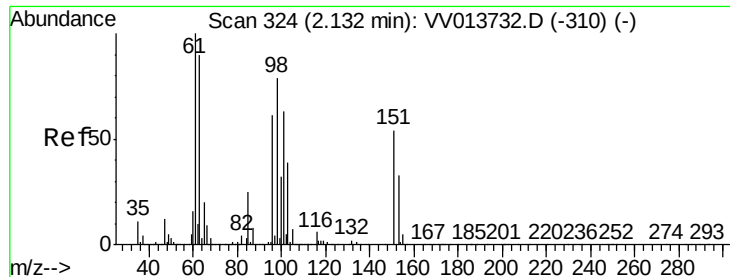
Tgt Ion: 64 Resp: 4123

Ion Ratio Lower Upper

64 100

66 33.5 22.6 42.0





#10

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

Concen: 0.084 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV013738.D

Acq: 22 Nov 2019 17:00

Instrument :

MSVOA_V

ClientSampleId :

B0AC2

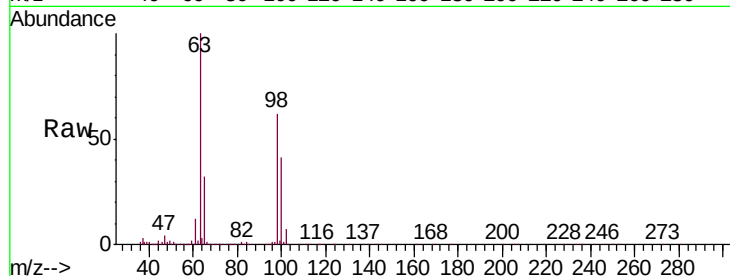
Tgt Ion: 101 Resp: 1558

Ion Ratio Lower Upper

101 100

85 12.4 33.4 50.0#

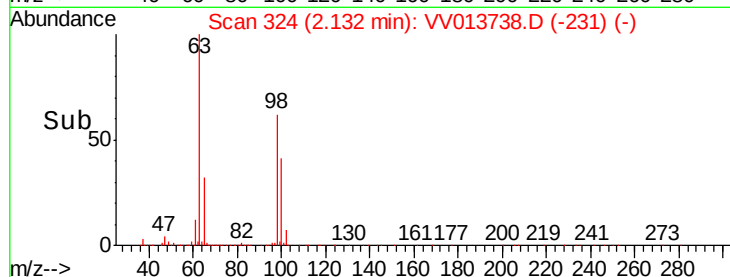
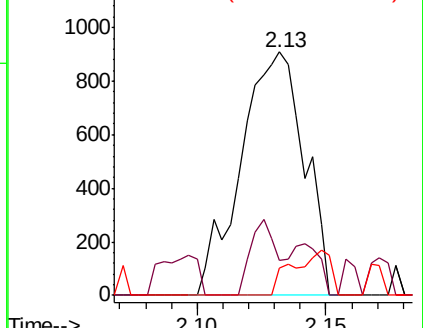
151 0.0 69.4 104.0#



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: 0.112 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV013738.D

Acq: 22 Nov 2019 17:00

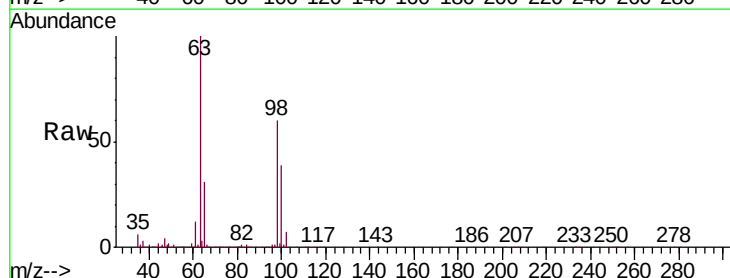
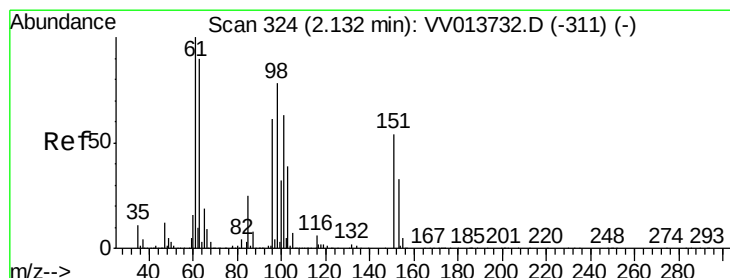
Tgt Ion: 96 Resp: 1809

Ion Ratio Lower Upper

96 100

61 1174.4 116.3 215.9#

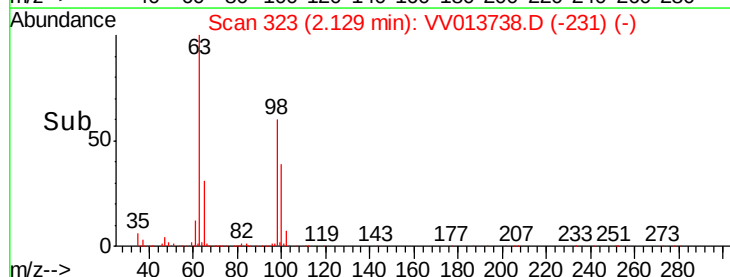
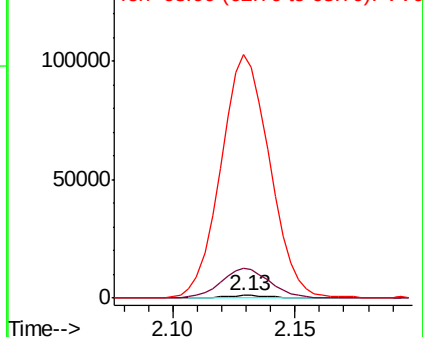
63 9731.1 96.7 179.7#

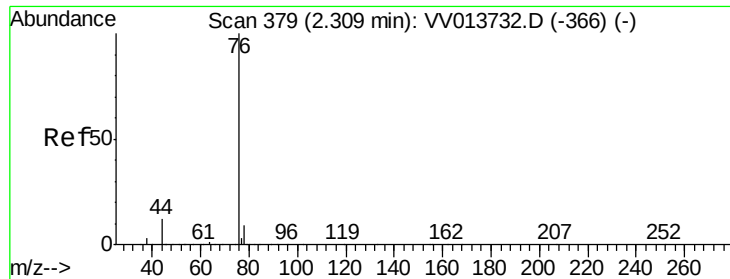


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#14

Carbon disulfide

Concen: 0.043 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

Lab File: VV013738.D

Acq: 22 Nov 2019 17:00

Instrument :

MSVOA_V

ClientSampleId :

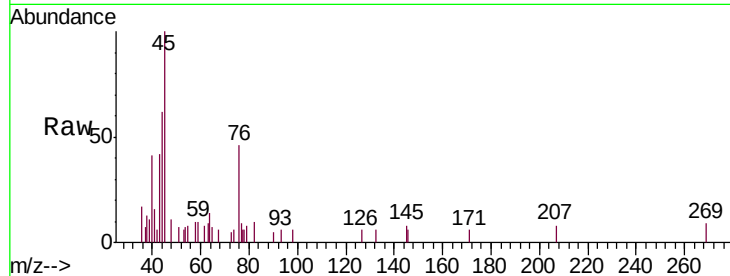
B0AC2

Tgt Ion: 76 Resp: 1595

Ion Ratio Lower Upper

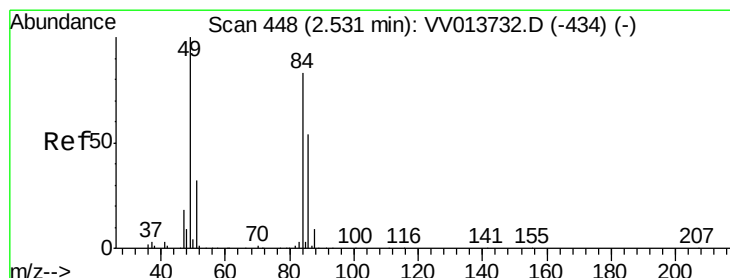
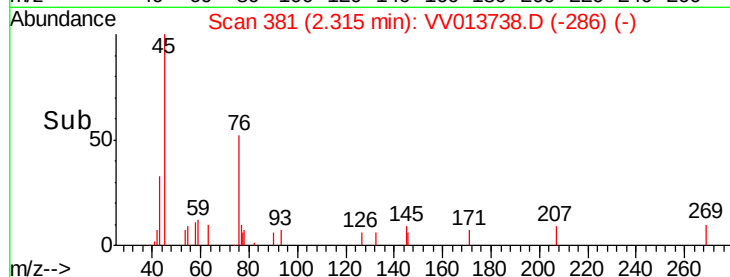
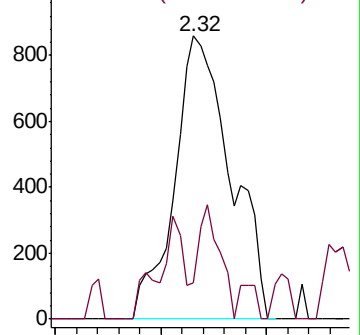
76 100

78 12.9 7.5 11.3#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#16

Methylene chloride

Concen: 0.169 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

Lab File: VV013738.D

Acq: 22 Nov 2019 17:00

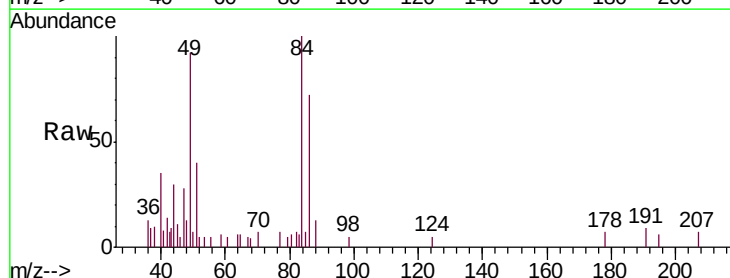
Tgt Ion: 84 Resp: 3723

Ion Ratio Lower Upper

84 100

86 72.3 44.0 81.6

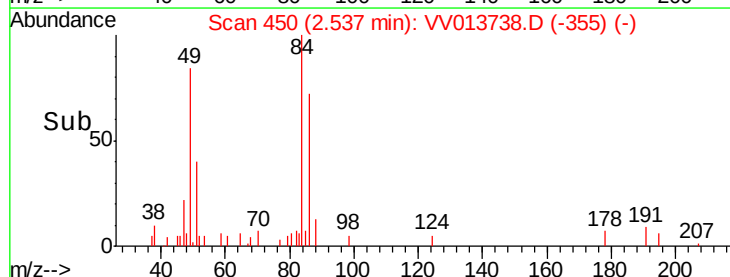
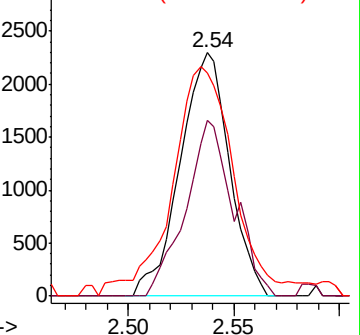
49 91.7 81.5 151.5

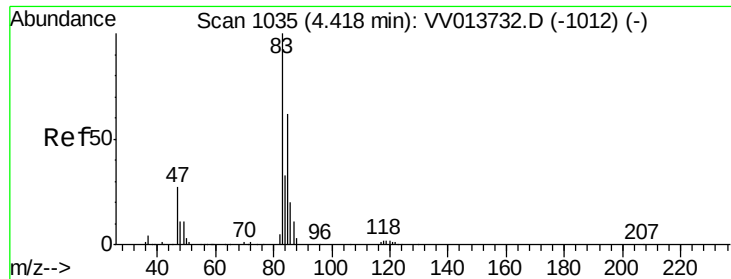


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

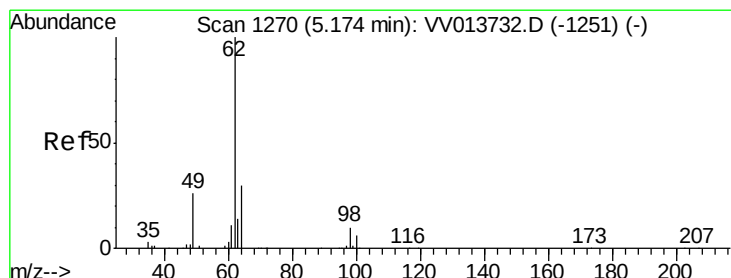
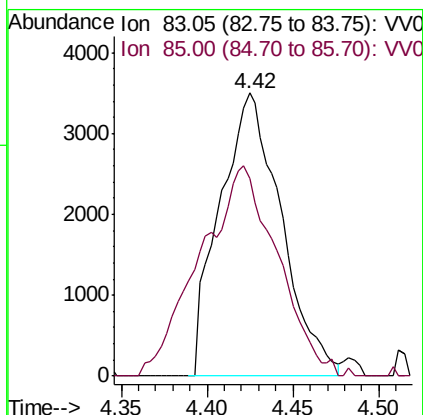
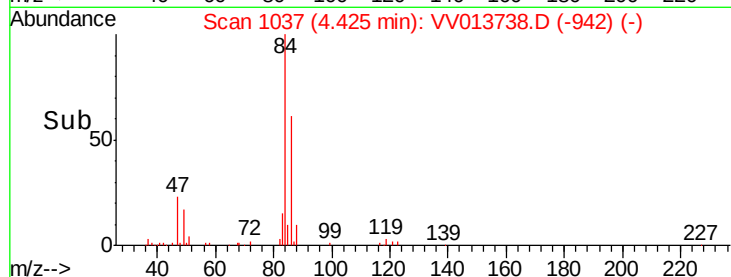
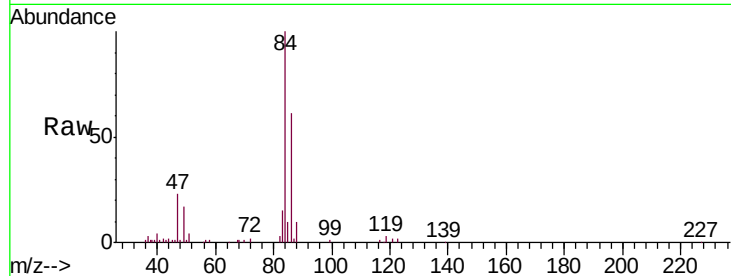




#25
Chloroform
Concen: 0.226 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VV013738.D
Acq: 22 Nov 2019 17:00

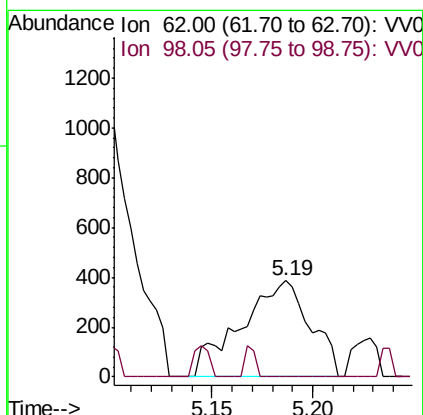
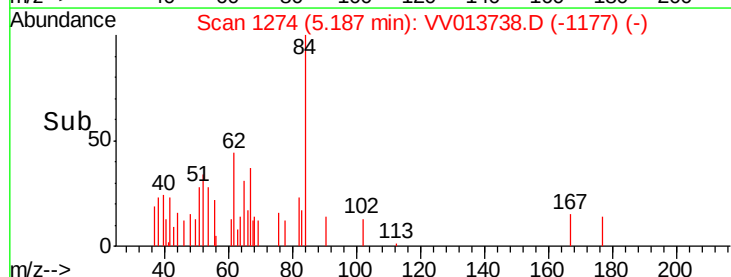
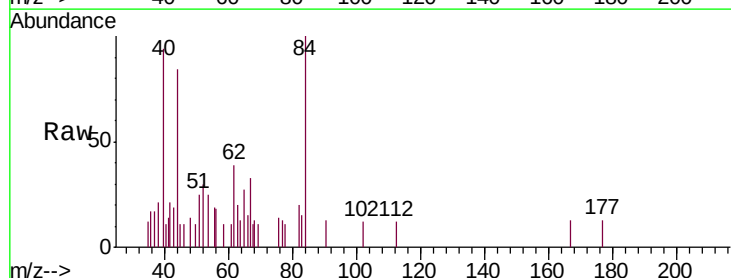
Instrument :
MSVOA_V
ClientSampled :
B0AC2

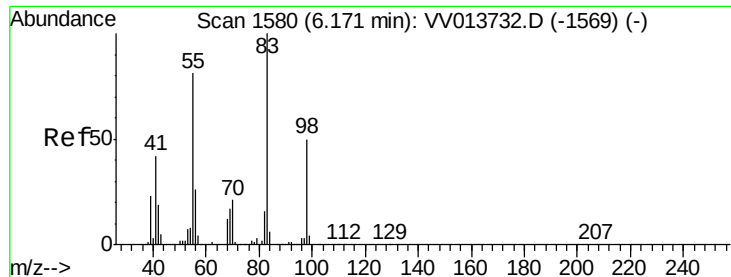
Tgt Ion: 83 Resp: 8713
Ion Ratio Lower Upper
83 100
85 69.8 45.1 83.7



#27
1,2-Dichloroethane
Concen: 0.042 ug/L
RT: 5.19 min Scan# 1274
Delta R.T. 0.01 min
Lab File: VV013738.D
Acq: 22 Nov 2019 17:00

Tgt Ion: 62 Resp: 925
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.2#

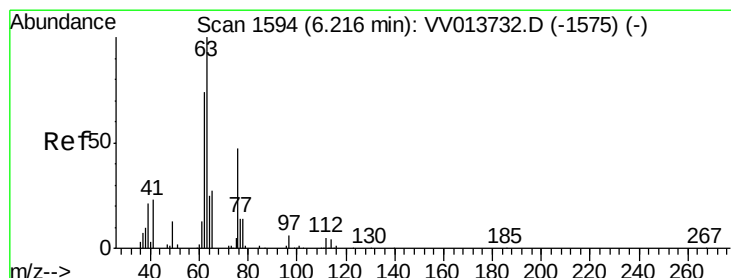
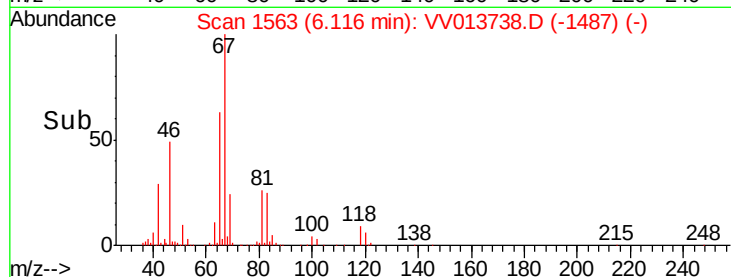
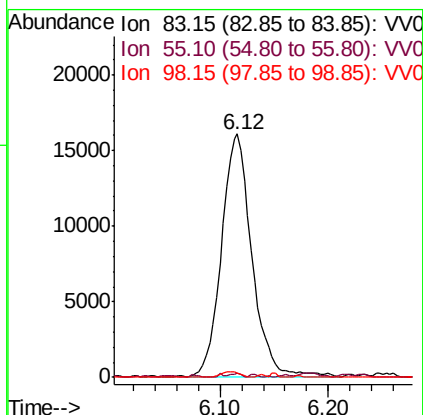
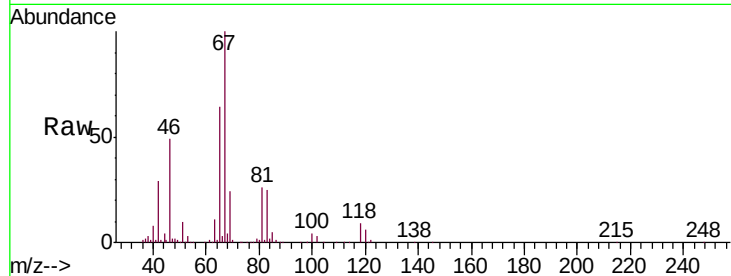




#35
Methylcyclohexane
Concen: 1.085 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013738.D
Acq: 22 Nov 2019 17:00

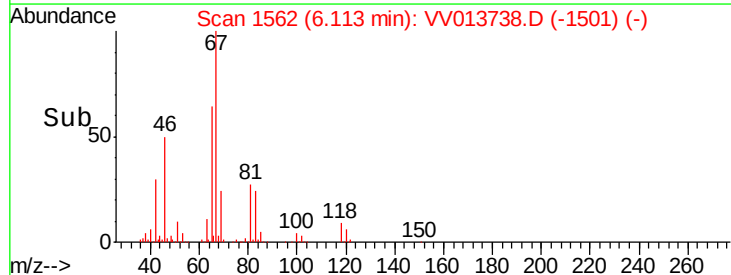
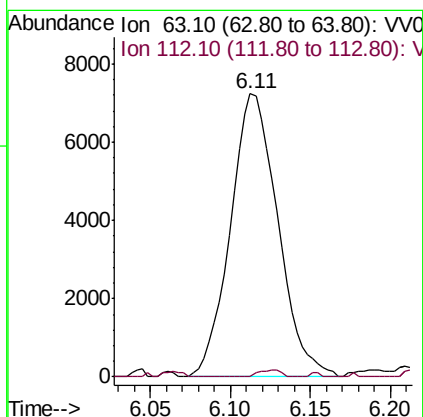
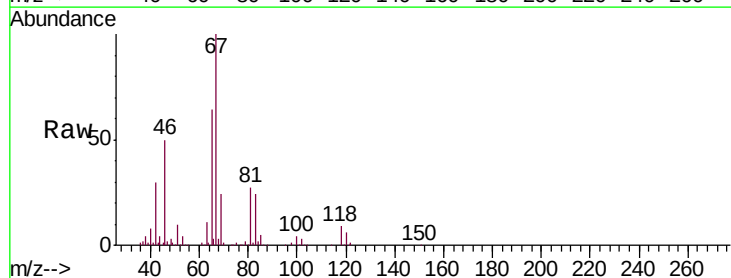
Instrument :
MSVOA_V
ClientSampleId :
B0AC2

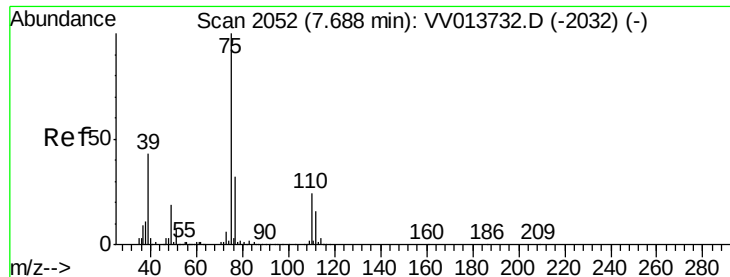
Tgt Ion: 83 Resp: 31738
Ion Ratio Lower Upper
83 100
55 0.5 60.3 90.5#
98 1.4 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 0.718 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV013738.D
Acq: 22 Nov 2019 17:00

Tgt Ion: 63 Resp: 14660
Ion Ratio Lower Upper
63 100
112 1.1 4.4 6.6#





#44

trans-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV013738.D

Acq: 22 Nov 2019 17:00

Instrument :

MSVOA_V

ClientSampleId :

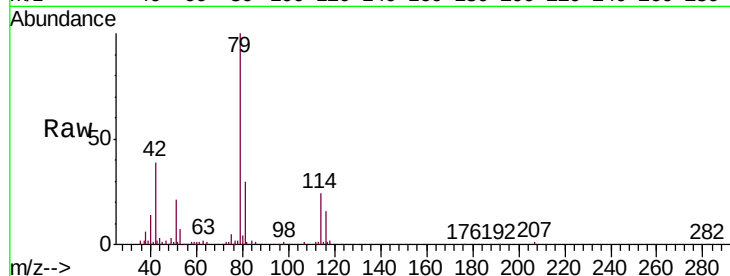
B0AC2

Tgt Ion: 75 Resp: 2302

Ion Ratio Lower Upper

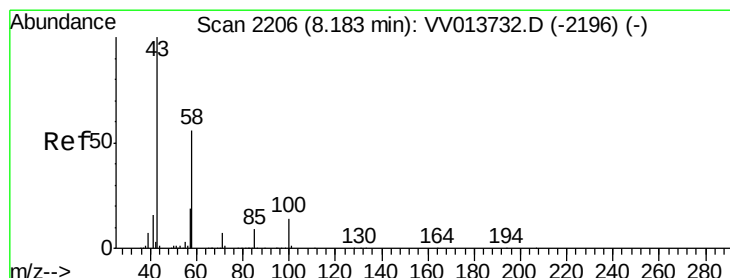
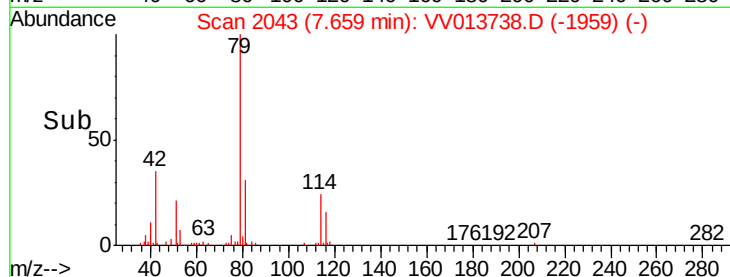
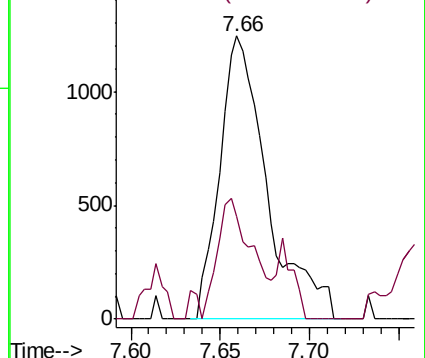
75 100

77 36.4 23.0 42.8



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 1.623 ug/L

RT: 8.18 min Scan# 2204

Delta R.T. -0.01 min

Lab File: VV013738.D

Acq: 22 Nov 2019 17:00

Tgt Ion: 43 Resp: 13809

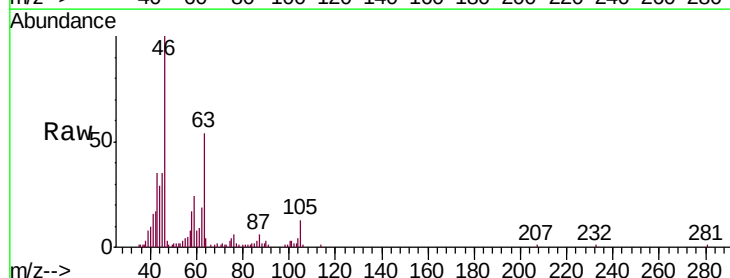
Ion Ratio Lower Upper

43 100

58 45.7 43.2 64.8

57 3.5 15.4 23.2#

100 6.2 10.4 15.6#



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

