

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042420\
 Data File : VV015688.D
 Acq On : 24 Apr 2020 20:48
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 25 00:23:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 25 00:15:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	135055	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	129510	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	65765	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	31029	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.58	69	33160	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.12	63	75054	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.20%
20) 2-Butanone-d5	3.91	46	117294	51.76	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.52%
24) Chloroform-d	4.38	84	84582	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.06	65	46140	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.08	84	151994	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.10	67	48066	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.34	98	144482	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	7.64	79	15962	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.11	63	93346	50.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.24%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	37238	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	54273	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	58819	5.085	ug/L	98
3) Chloromethane	1.25	50	46888	4.685	ug/L	100
5) Vinyl chloride	1.32	62	54820	5.129	ug/L	97
6) Bromomethane	1.53	94	11609	2.530	ug/L	100
8) Chloroethane	1.59	64	40012	5.700	ug/L	90
9) Trichlorofluoromethane	1.76	101	81542	5.436	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	44076	5.194	ug/L	96
12) 1,1-Dichloroethene	2.13	96	40746	5.184	ug/L	94
13) Acetone	2.19	43	78562	49.924	ug/L	98
14) Carbon disulfide	2.31	76	109641	4.934	ug/L	100
15) Methyl Acetate	2.45	43	19128	5.111	ug/L	98
16) Methylene chloride	2.52	84	47461	4.891	ug/L	97
17) Methyl tert-butyl Ether	2.78	73	116163	5.265	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	46936	5.333	ug/L	99
19) 1,1-Dichloroethane	3.21	63	93164	5.391	ug/L	100
21) 2-Butanone	3.99	43	126342	52.051	ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	51196	5.261	ug/L	93

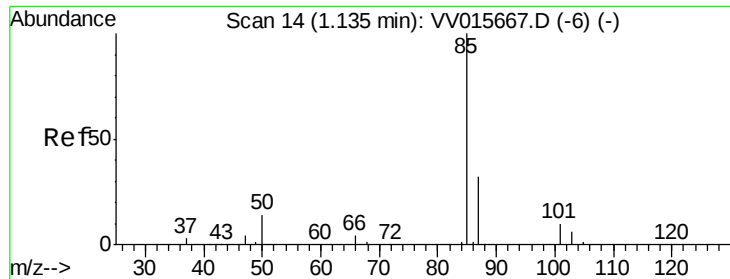
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042420\
 Data File : VV015688.D
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 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 25 00:15:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	20395	5.131	ug/L	98
25) Chloroform	4.40	83	96377	5.253	ug/L	97
27) 1,2-Dichloroethane	5.16	62	61954	5.140	ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	86190	5.248	ug/L	99
30) Cyclohexane	4.70	56	79162	5.045	ug/L	99
31) Carbon tetrachloride	4.86	117	69954	5.143	ug/L	100
33) Benzene	5.13	78	194275	5.250	ug/L	100
34) Trichloroethene	5.94	95	52959	5.183	ug/L	98
35) Methylcyclohexane	6.15	83	78047	4.976	ug/L	100
37) 1,2-Dichloropropane	6.20	63	51008	5.423	ug/L	99
38) Bromodichloromethane	6.53	83	60916	5.101	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	61054	4.657	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	318408	52.163	ug/L	100
42) Toluene	7.41	91	209376	5.296	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	51010	4.630	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	33917	5.291	ug/L	98
47) Tetrachloroethene	8.00	164	37817	5.140	ug/L	97
48) 2-Hexanone	8.16	43	231310	53.139	ug/L	98
49) Dibromochloromethane	8.27	129	32211	4.855	ug/L	97
50) 1,2-Dibromoethane	8.38	107	30999	5.229	ug/L	96
51) Chlorobenzene	8.90	112	131911	5.093	ug/L	97
52) Ethylbenzene	9.03	91	239353	5.231	ug/L	98
53) m,p-xylene	9.16	106	89678	5.351	ug/L	100
54) o-xylene	9.57	106	86629	5.342	ug/L	97
55) Styrene	9.58	104	146757	5.333	ug/L	100
56) Isopropylbenzene	9.95	105	235381	5.174	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	40261	5.379	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	31197	5.195	ug/L	100
61) Bromoform	9.75	173	12390	4.564	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	108889	5.231	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	107245	5.109	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	98421	5.228	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	5992	4.886	ug/L	91
67) 1,3,5-Trichlorobenzene	12.67	180	77840	5.061	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	69298	4.895	ug/L	98
69) Naphthalene	13.53	128	120556	4.758	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	61947	4.958	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 5.085 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV015688.D

Acq: 24 Apr 2020 20:48

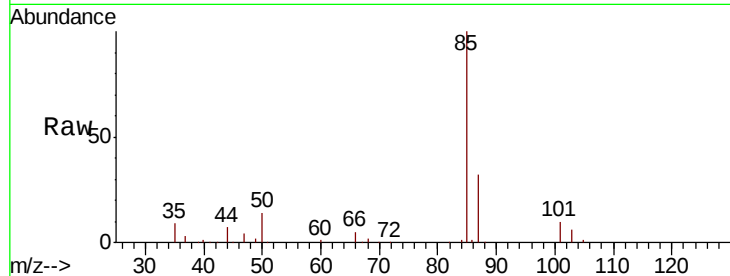
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 85 Resp: 58819

Ion Ratio Lower Upper

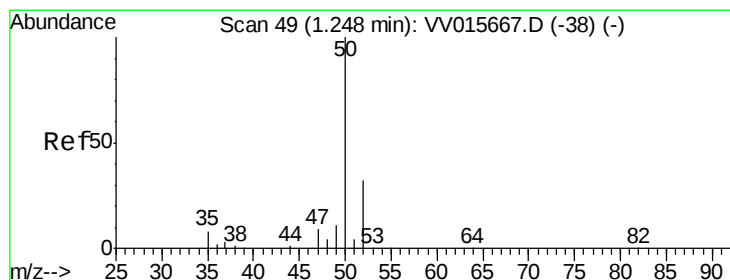
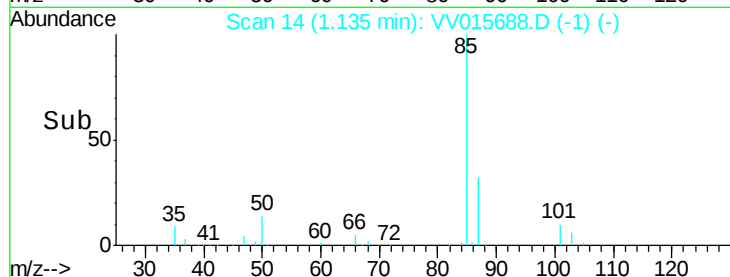
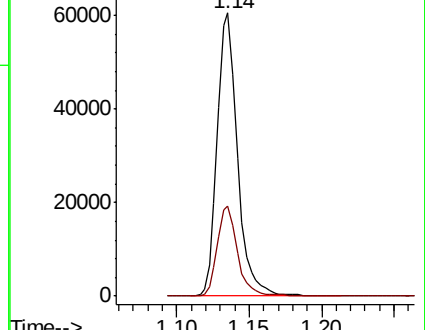
85 100

87 31.8 26.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VV015667.D (-6) (-)

Ion 87.00 (86.70 to 87.70): VV015667.D (-6) (-)



#3

Chloromethane

Concen: 4.685 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV015688.D

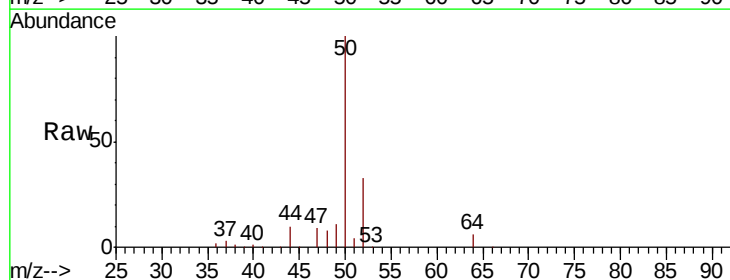
Acq: 24 Apr 2020 20:48

Tgt Ion: 50 Resp: 46888

Ion Ratio Lower Upper

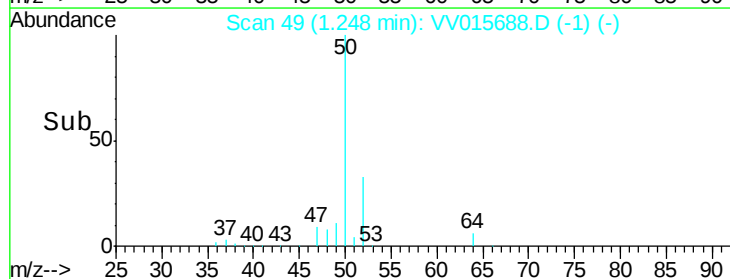
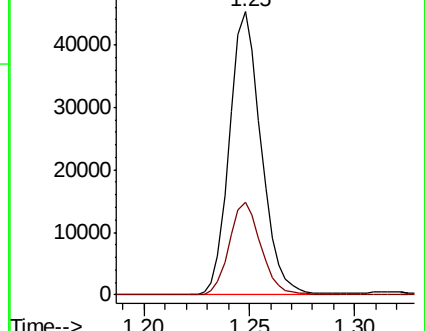
50 100

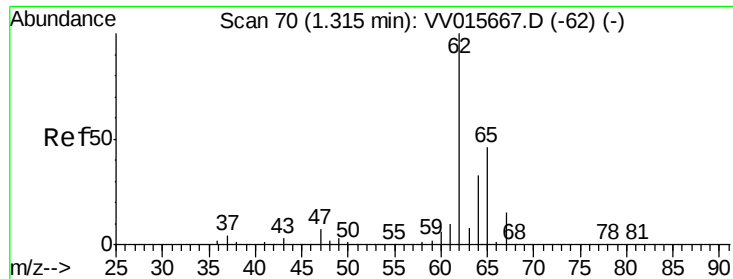
52 32.5 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VV015667.D (-38) (-)

Ion 52.05 (51.75 to 52.75): VV015667.D (-38) (-)





#5

Vinyl chloride

Concen: 5.129 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015688.D

Acq: 24 Apr 2020 20:48

Instrument :

MSVOA_V

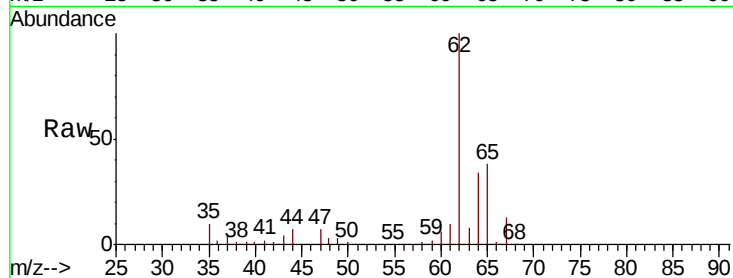
ClientSampled :

Tot Ion: 62 Resp: 54820

Ion Ratio Lower Upper

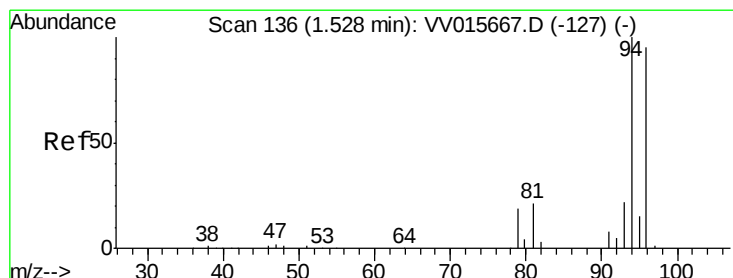
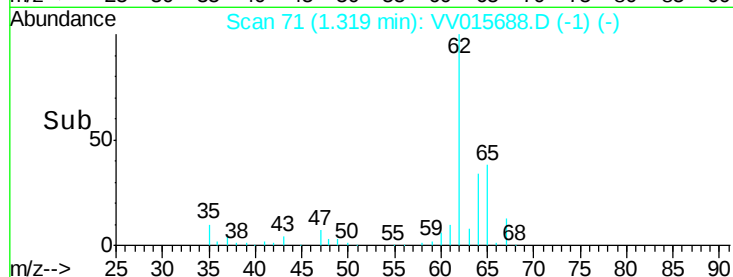
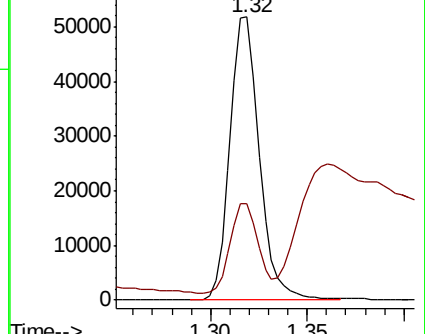
62 100

64 34.0 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#6

Bromomethane

Concen: 2.530 ug/L

RT: 1.53 min Scan# 137

Delta R.T. 0.00 min

Lab File: VV015688.D

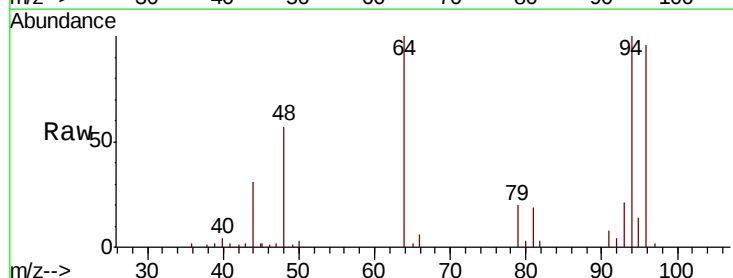
Acq: 24 Apr 2020 20:48

Tgt Ion: 94 Resp: 11609

Ion Ratio Lower Upper

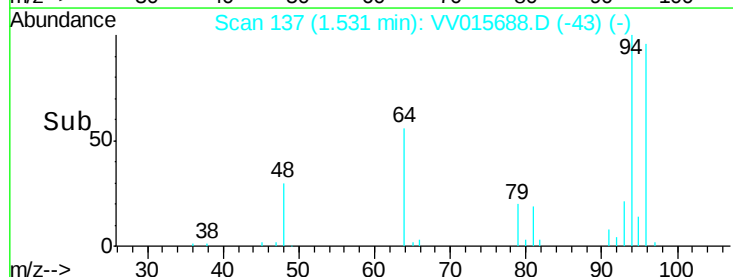
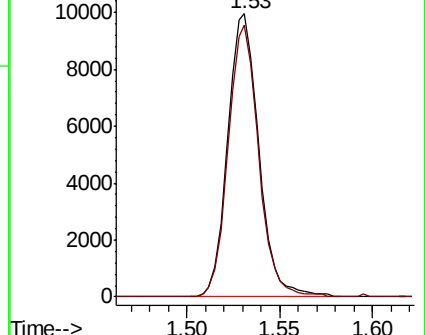
94 100

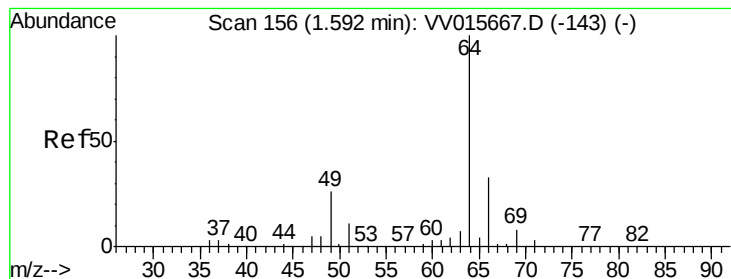
96 95.9 67.3 125.1



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 5.700 ug/L

RT: 1.59 min Scan# 156

Delta R.T. 0.00 min

Lab File: VV015688.D

Acq: 24 Apr 2020 20:48

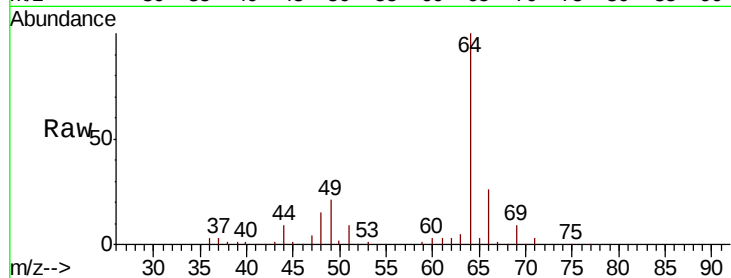
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 64 Resp: 40012

Ion Ratio Lower Upper

64 100

66 26.3 22.3 41.5



Abundance Ion 64.10 (63.80 to 64.80): VV015667.D (-143) (-)

Ion 66.05 (65.75 to 66.75): VV015667.D (-143) (-)

1.59

40000

30000

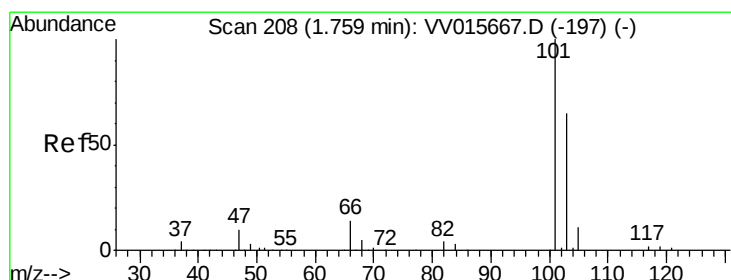
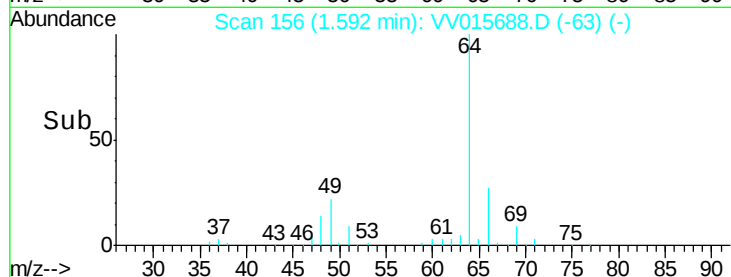
20000

10000

0

1.55 1.60 1.65 1.70

Time-->



#9

Trichlorofluoromethane

Concen: 5.436 ug/L

RT: 1.76 min Scan# 209

Delta R.T. 0.00 min

Lab File: VV015688.D

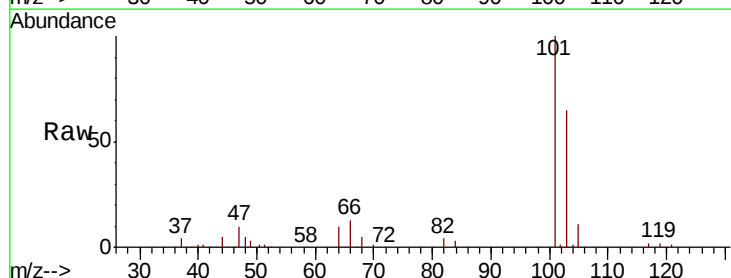
Acq: 24 Apr 2020 20:48

Tgt Ion:101 Resp: 81542

Ion Ratio Lower Upper

101 100

103 64.7 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): VV015667.D (-197) (-)

Ion 103.00 (102.70 to 103.70): VV015667.D (-197) (-)

1.76

60000

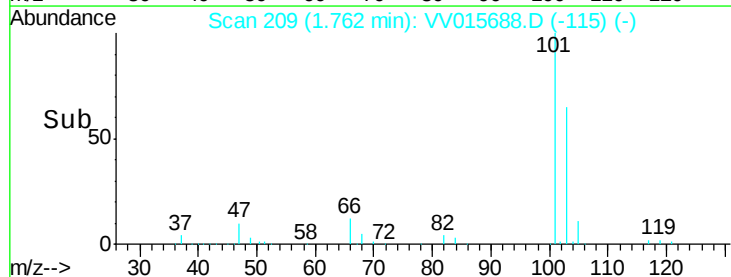
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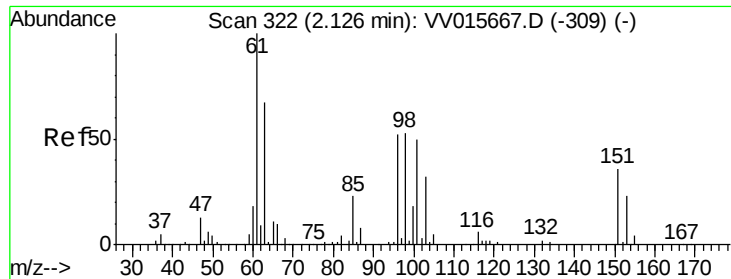
20000

0

1.70 1.75 1.80

Time-->





#10

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

Concen: 5.194 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV015688.D

Acq: 24 Apr 2020 20:48

Instrument :

MSVOA_V

ClientSampled :

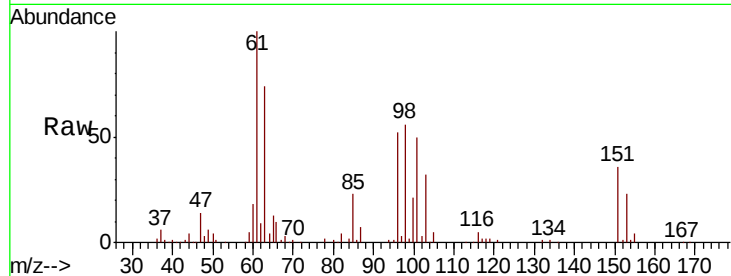
Tot Ion:101 Resp: 44076

Ion Ratio Lower Upper

101 100

85 46.6 36.1 54.1

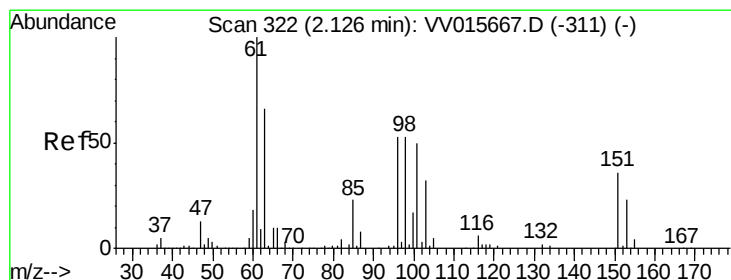
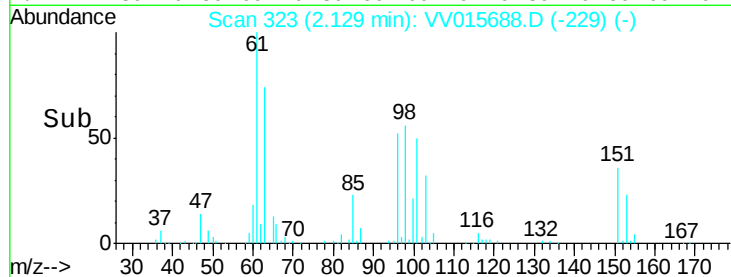
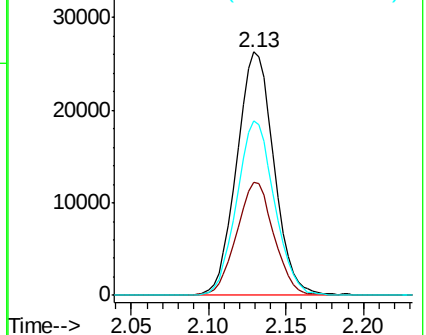
151 72.5 55.2 82.8



Abundance Ion 101.00 (100.70 to 101.70): VV015667.D (-309) (-)

Ion 85.00 (84.70 to 85.70): VV015667.D (-309) (-)

Ion 151.00 (150.70 to 151.70): VV015667.D (-309) (-)



#12

1,1-Dichloroethene

Concen: 5.184 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV015688.D

Acq: 24 Apr 2020 20:48

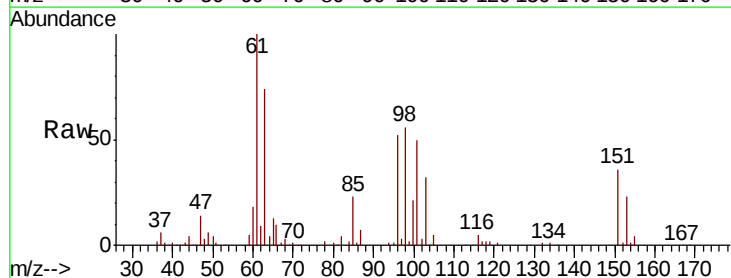
Tgt Ion: 96 Resp: 40746

Ion Ratio Lower Upper

96 100

61 190.8 130.1 241.7

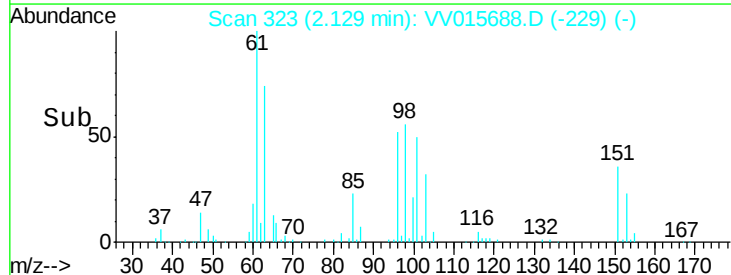
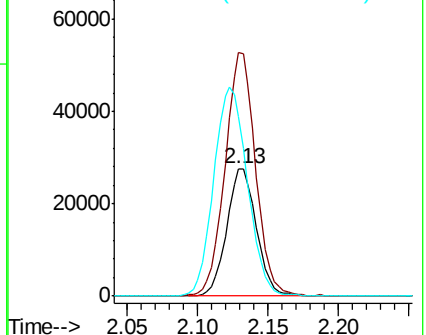
63 140.7 91.4 169.8

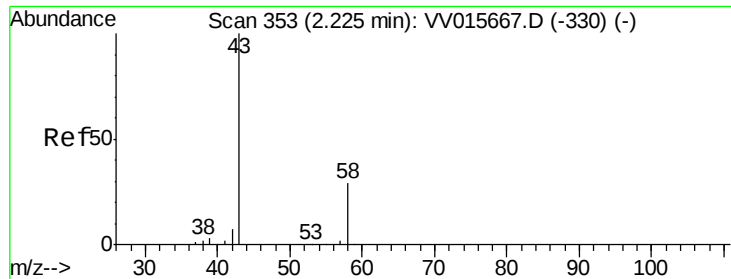


Abundance Ion 96.00 (95.70 to 96.70): VV015667.D (-311) (-)

Ion 61.05 (60.75 to 61.75): VV015667.D (-311) (-)

Ion 63.00 (62.70 to 63.70): VV015667.D (-311) (-)





#13

Acetone

Concen: 49.924 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.04 min

Lab File: VV015688.D

Acq: 24 Apr 2020 20:48

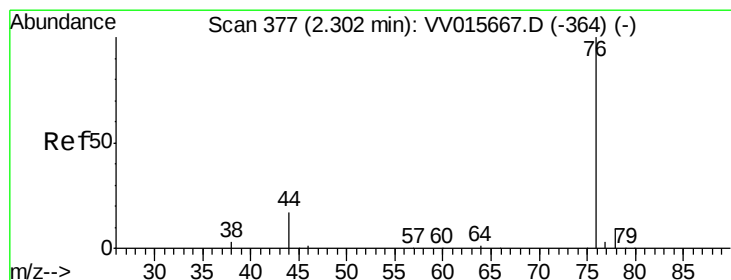
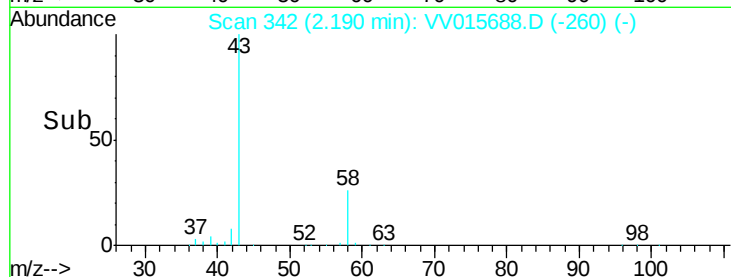
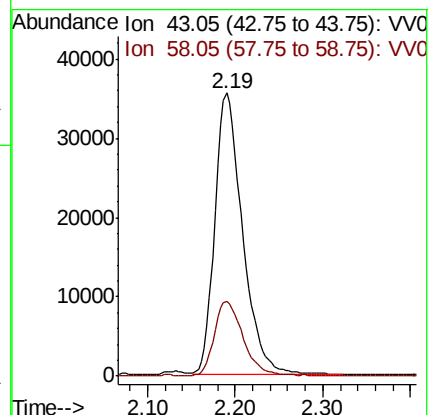
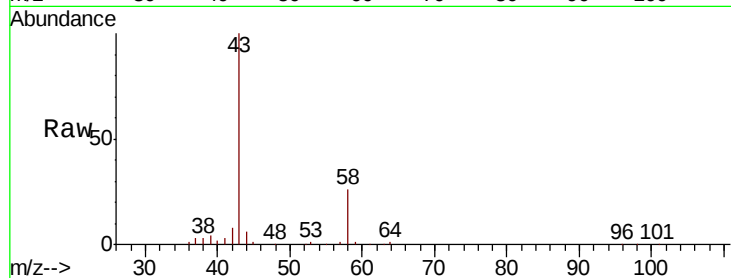
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 78562

Ion Ratio Lower Upper

43 100

58 27.8 0.0 57.6



#14

Carbon disulfide

Concen: 4.934 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.01 min

Lab File: VV015688.D

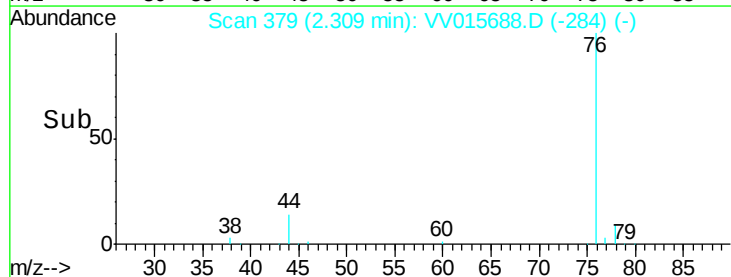
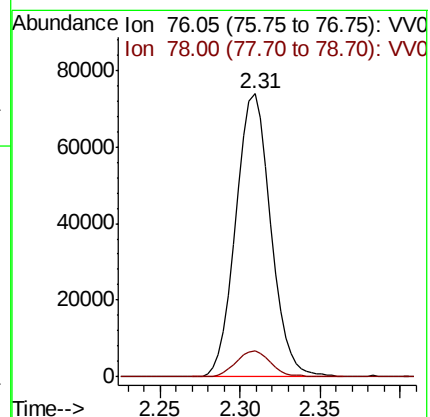
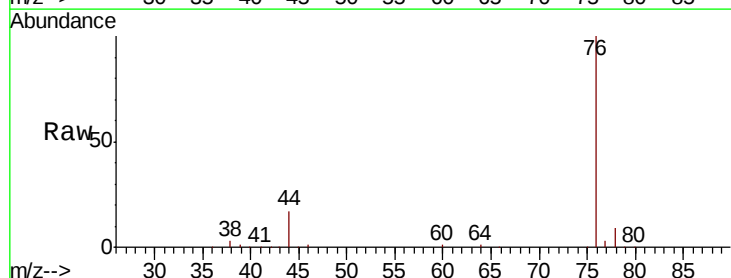
Acq: 24 Apr 2020 20:48

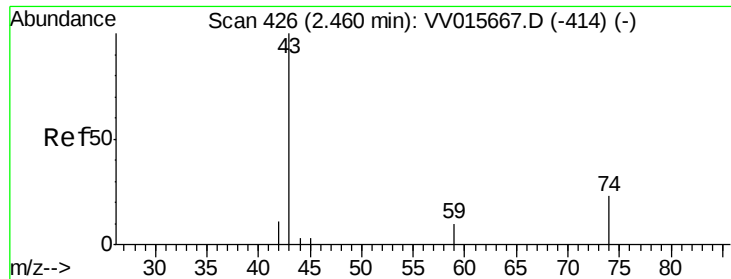
Tgt Ion: 76 Resp: 109641

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

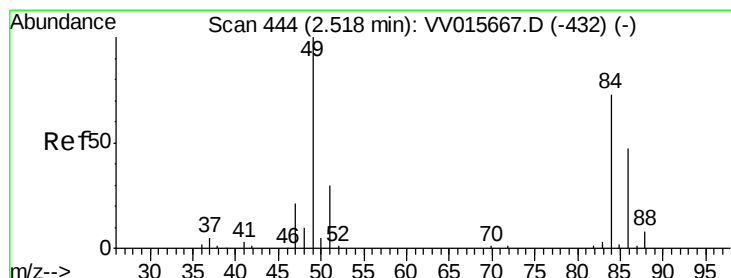
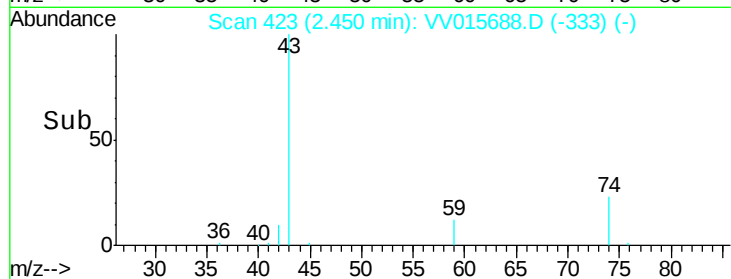
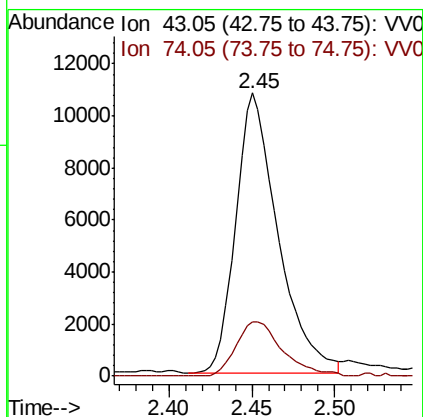
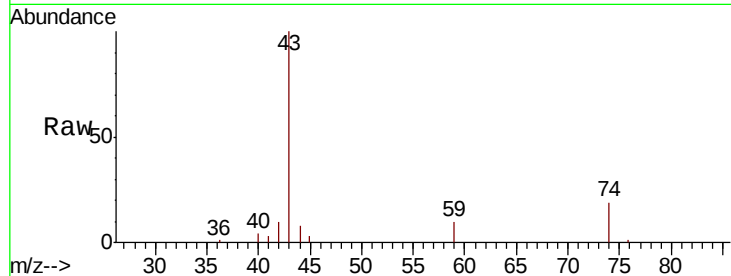




#15
Methvl Acetate
Concen: 5.111 ug/L
RT: 2.45 min Scan# 423
Delta R.T. -0.01 min
Lab File: VV015688.D
Acq: 24 Apr 2020 20:48

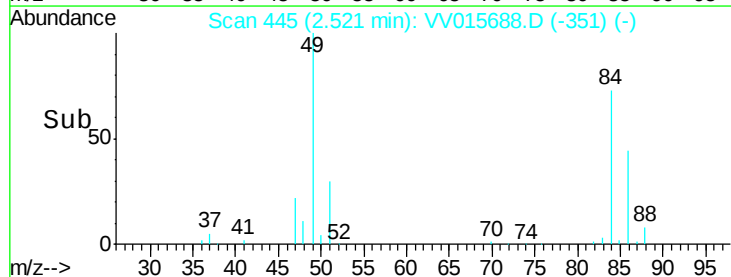
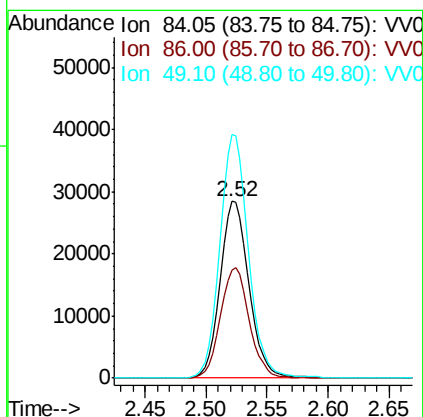
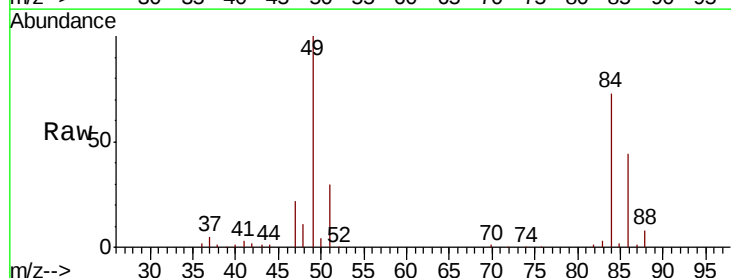
Instrument :
MSVOA_V
ClientSampleId :

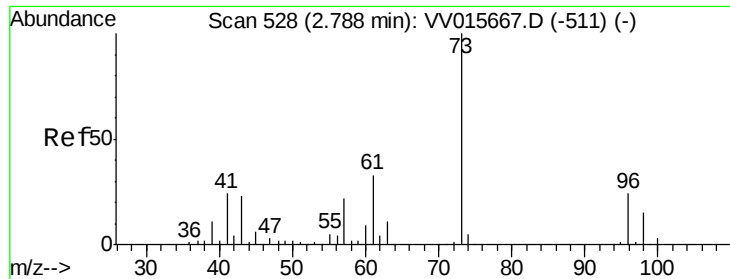
Tot Ion: 43 Resp: 19128
Ion Ratio Lower Upper
43 100
74 21.3 16.3 24.5



#16
Methylene chloride
Concen: 4.891 ug/L
RT: 2.52 min Scan# 445
Delta R.T. 0.00 min
Lab File: VV015688.D
Acq: 24 Apr 2020 20:48

Tgt Ion: 84 Resp: 47461
Ion Ratio Lower Upper
84 100
86 61.0 45.1 83.7
49 137.9 94.4 175.4

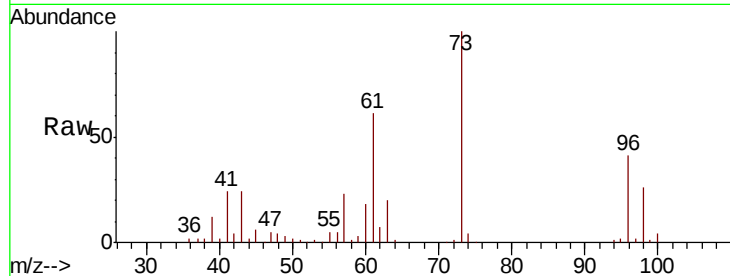




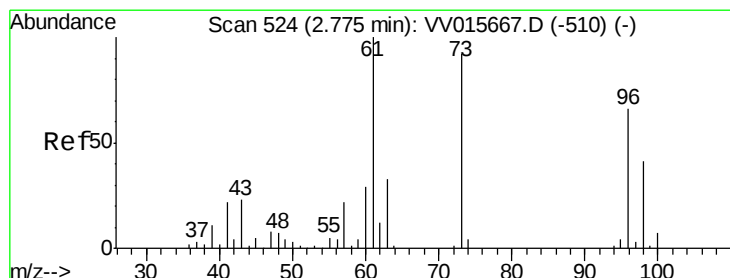
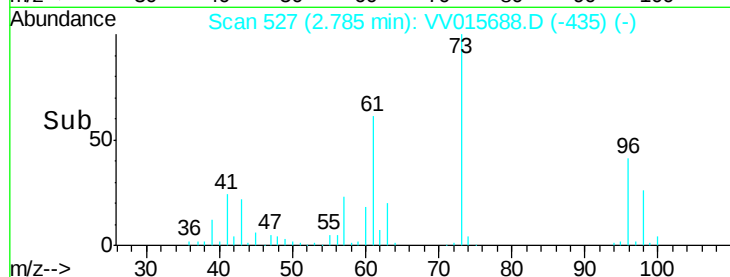
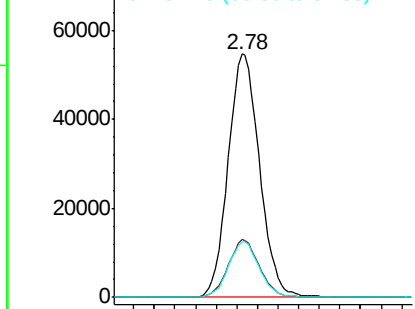
#17
Methvl tert-butvl Ether
Concen: 5.265 ug/L
RT: 2.78 min Scan# 527
Delta R.T. -0.00 min
Lab File: VV015688.D
Acq: 24 Apr 2020 20:48

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 73 Resp: 116163
Ion Ratio Lower Upper
73 100
43 23.7 20.1 30.1
57 22.4 17.8 26.8

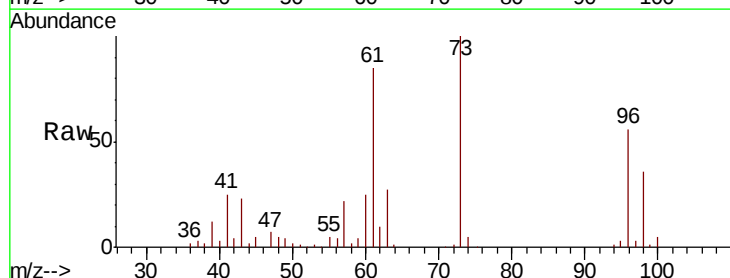


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

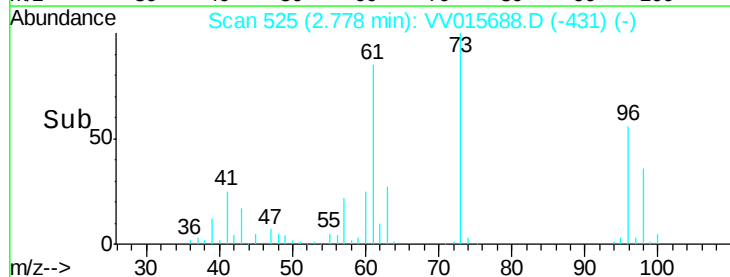
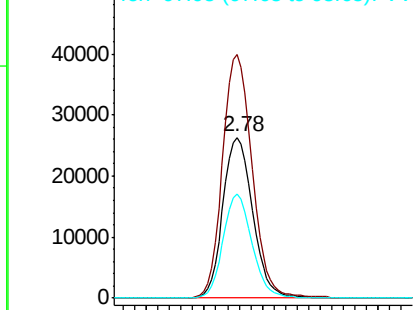


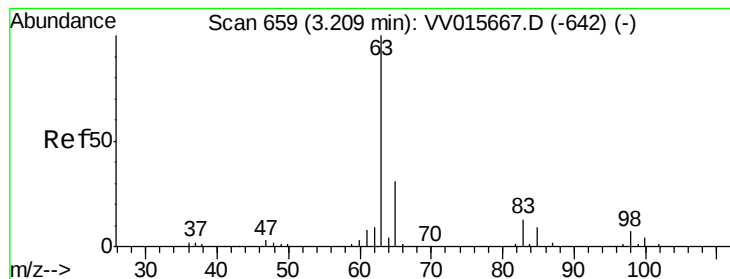
#18
trans-1,2-Dichloroethene
Concen: 5.333 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV015688.D
Acq: 24 Apr 2020 20:48

Tgt Ion: 96 Resp: 46936
Ion Ratio Lower Upper
96 100
61 151.5 105.5 195.9
98 64.7 44.2 82.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 97.95 (97.65 to 98.65): VV0





#19

1,1-Dichloroethane

Concen: 5.391 ug/L

RT: 3.21 min Scan# 660

Delta R.T. 0.00 min

Lab File: VV015688.D

Acq: 24 Apr 2020 20:48

Instrument :

MSVOA_V

ClientSampleId :

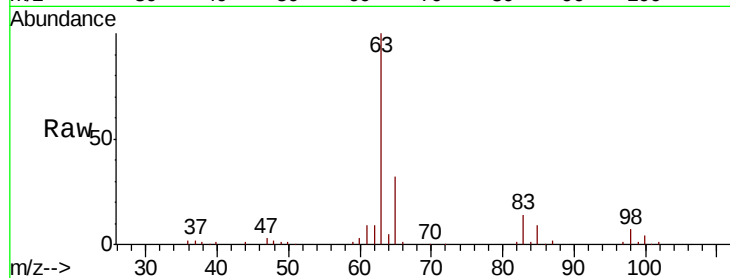
Tot Ion: 63 Resp: 93164

Ion Ratio Lower Upper

63 100

65 31.6 22.3 41.3

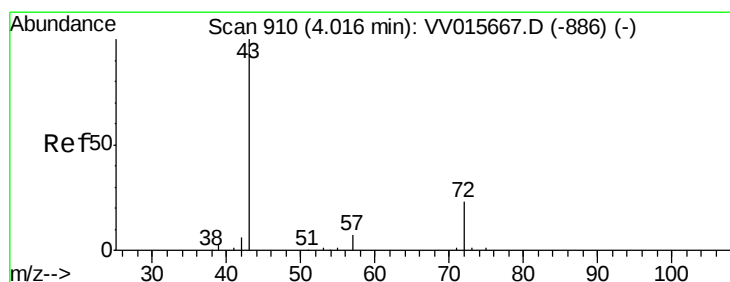
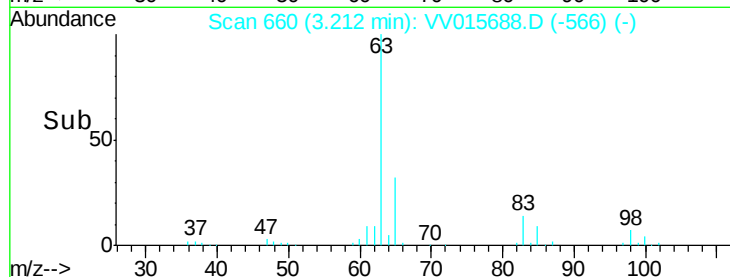
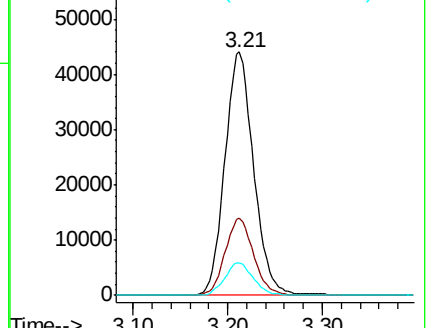
83 13.5 9.3 17.3



Abundance Ion 63.10 (62.80 to 63.80): VV015667.D (-642) (-)

Ion 65.10 (64.80 to 65.80): VV015667.D (-642) (-)

Ion 83.05 (82.75 to 83.75): VV015667.D (-642) (-)



#21

2-Butanone

Concen: 52.051 ug/L

RT: 3.99 min Scan# 903

Delta R.T. -0.02 min

Lab File: VV015688.D

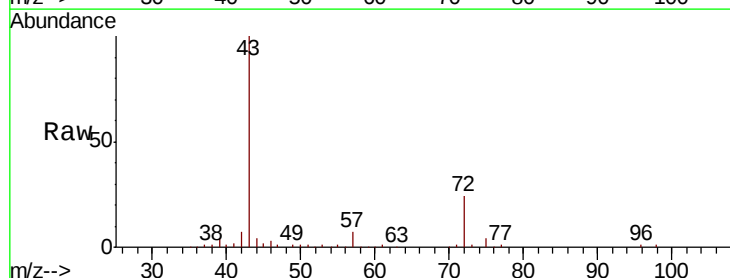
Acq: 24 Apr 2020 20:48

Tgt Ion: 43 Resp: 126342

Ion Ratio Lower Upper

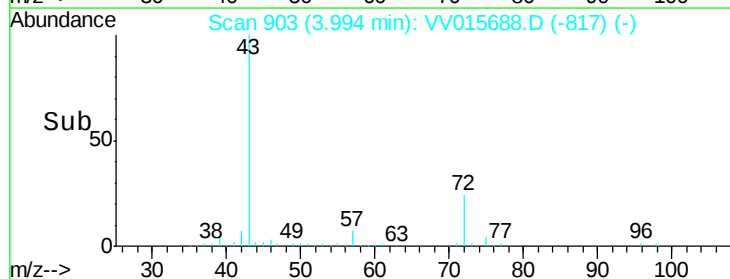
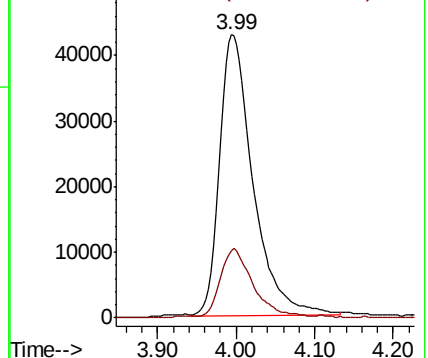
43 100

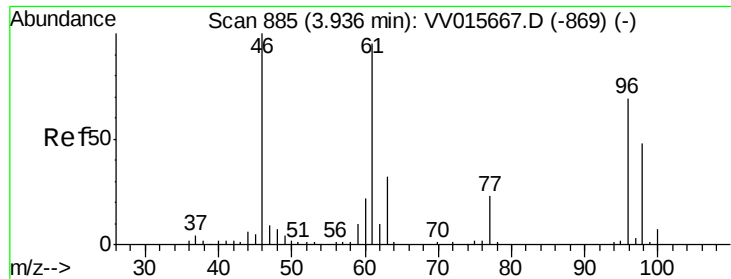
72 24.0 12.3 36.9



Abundance Ion 43.00 (42.70 to 43.70): VV015667.D (-886) (-)

Ion 72.00 (71.70 to 72.70): VV015667.D (-886) (-)

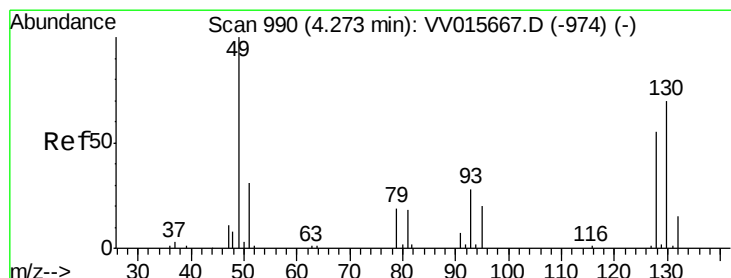
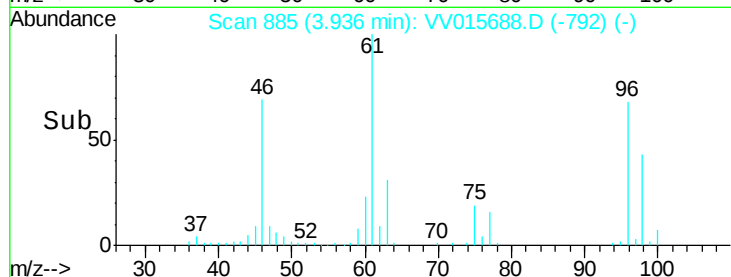
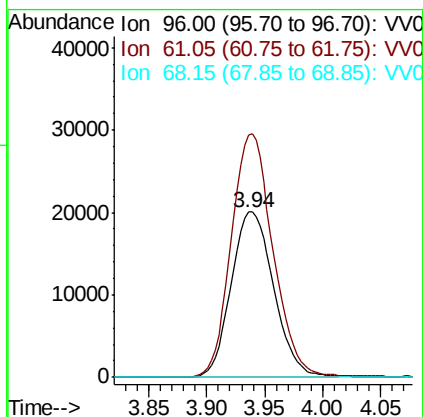
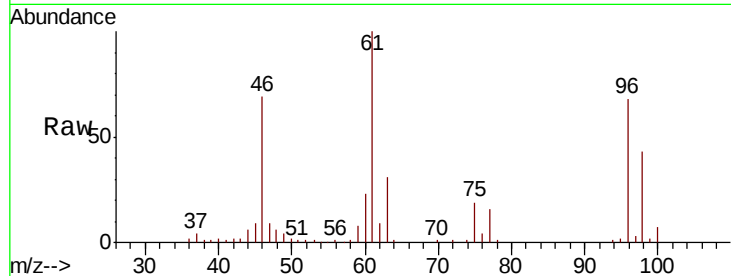




#22
 cis-1,2-Dichloroethene
 Concen: 5.261 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV015688.D
 Acq: 24 Apr 2020 20:48

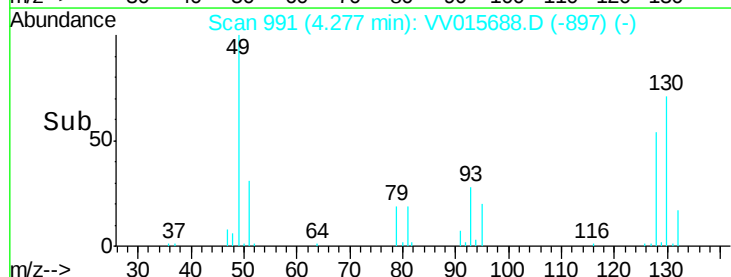
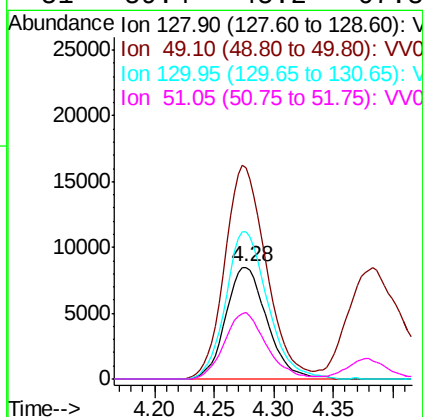
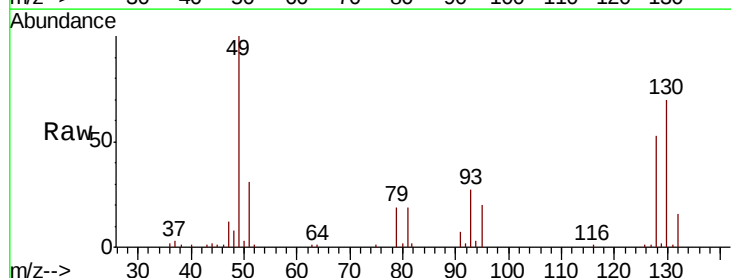
Instrument :
 MSVOA_V
 ClientSampleId :

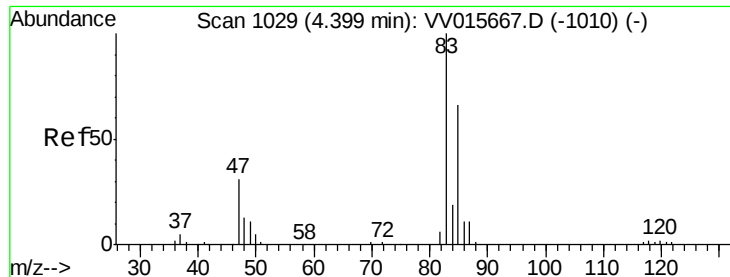
Tot Ion: 96 Resp: 51196
 Ion Ratio Lower Upper
 96 100
 61 146.2 96.4 179.0
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.131 ug/L
 RT: 4.28 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: VV015688.D
 Acq: 24 Apr 2020 20:48

Tgt Ion: 128 Resp: 20395
 Ion Ratio Lower Upper
 128 100
 49 189.2 130.8 242.8
 130 131.8 91.1 169.3
 51 59.4 45.2 67.8

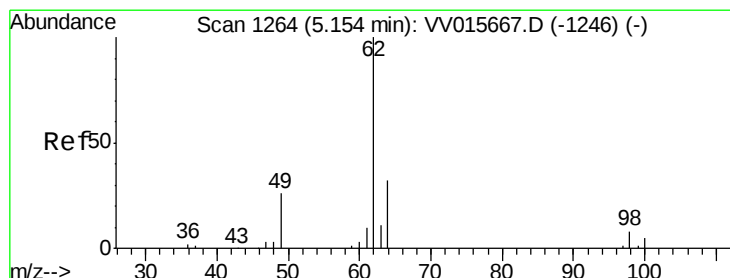
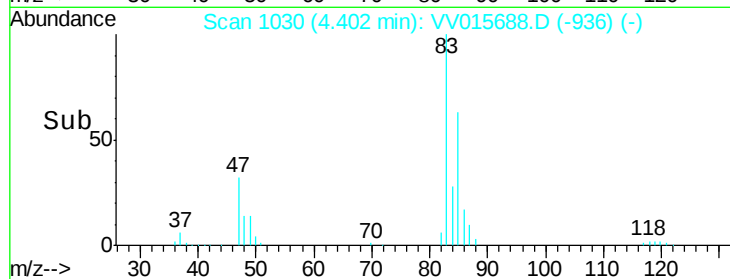
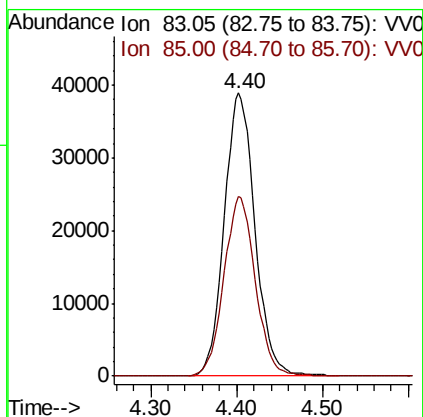
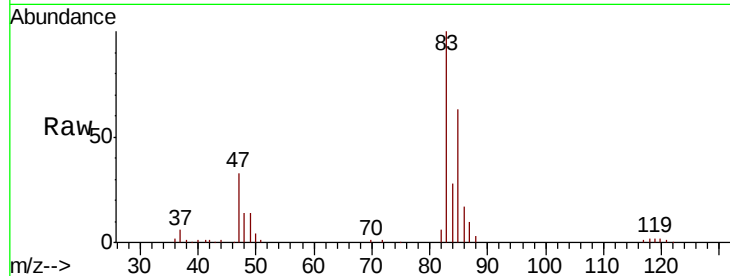




#25
Chloroform
Concen: 5.253 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015688.D
Acq: 24 Apr 2020 20:48

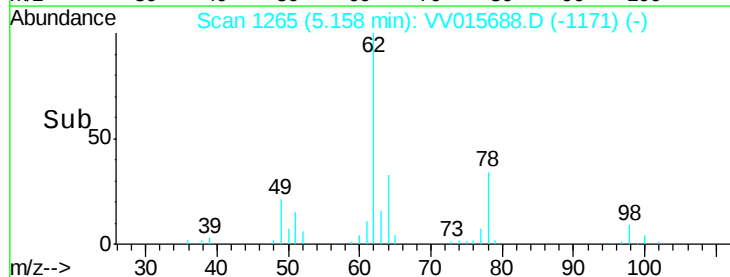
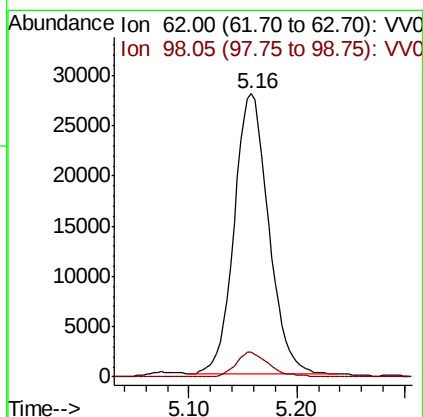
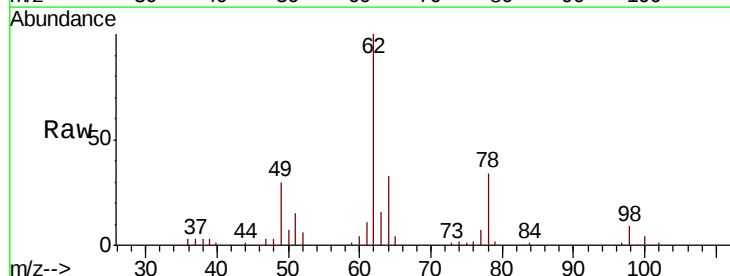
Instrument :
MSVOA_V
ClientSampleId :

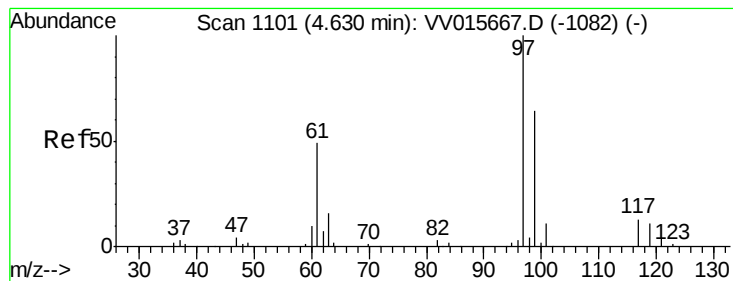
Tot Ion: 83 Resp: 96377
Ion Ratio Lower Upper
83 100
85 63.5 46.1 85.5



#27
1,2-Dichloroethane
Concen: 5.140 ug/L
RT: 5.16 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VV015688.D
Acq: 24 Apr 2020 20:48

Tgt Ion: 62 Resp: 61954
Ion Ratio Lower Upper
62 100
98 8.5 6.3 9.5





#29

1,1,1-Trichloroethane

Concen: 5.248 ug/L

RT: 4.63 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VV015688.D

Acq: 24 Apr 2020 20:48

Instrument :

MSVOA_V

ClientSampleId :

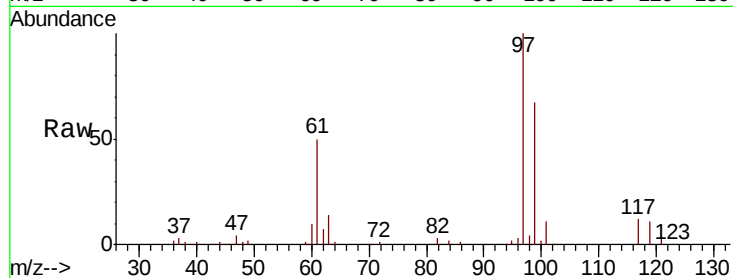
Tot Ion: 97 Resp: 86190

Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

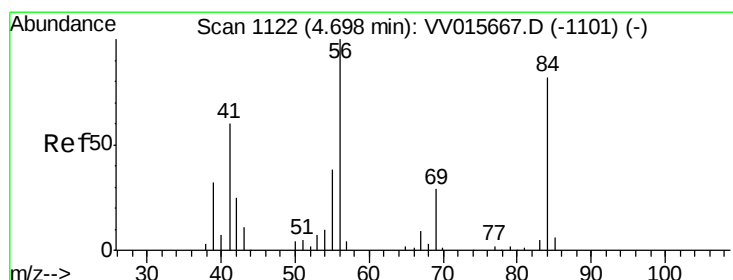
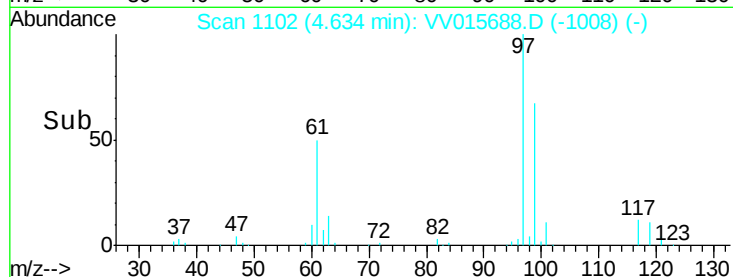
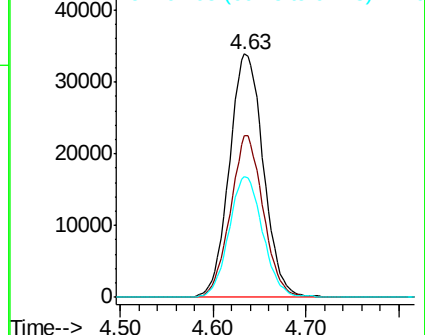
61 49.3 38.6 57.8



Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 61.05 (60.75 to 61.75): VV0



#30

Cyclohexane

Concen: 5.045 ug/L

RT: 4.70 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VV015688.D

Acq: 24 Apr 2020 20:48

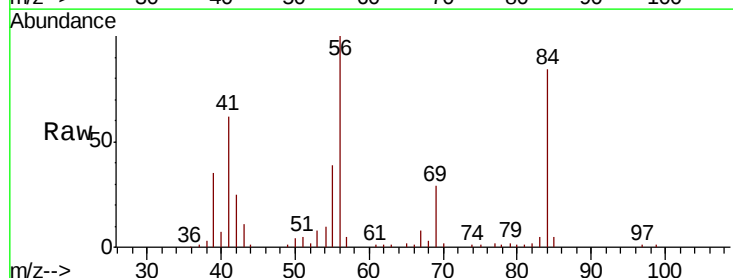
Tgt Ion: 56 Resp: 79162

Ion Ratio Lower Upper

56 100

69 30.5 23.9 35.9

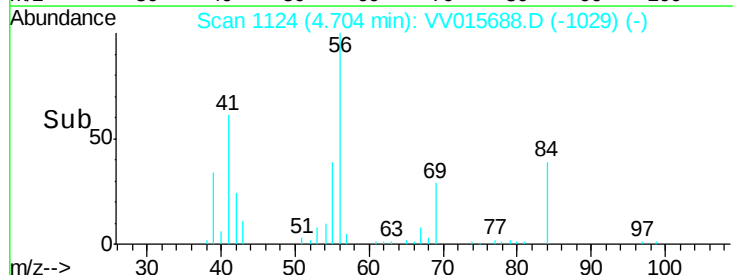
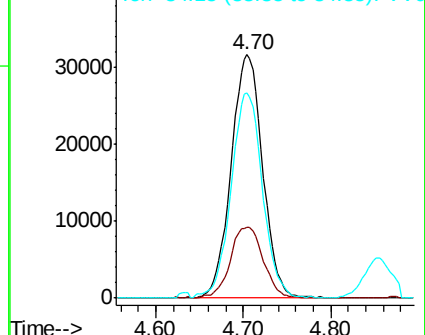
84 84.2 66.9 100.3

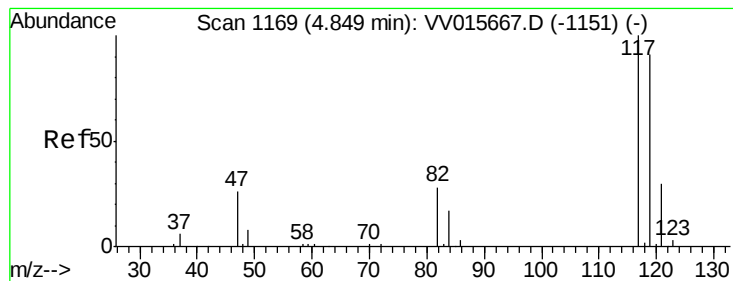


Abundance Ion 56.10 (55.80 to 56.80): VV0

Ion 69.15 (68.85 to 69.85): VV0

Ion 84.15 (83.85 to 84.85): VV0





#31

Carbon tetrachloride

Concen: 5.143 ug/L

RT: 4.86 min Scan# 1171

Delta R.T. 0.01 min

Lab File: VV015688.D

Acq: 24 Apr 2020 20:48

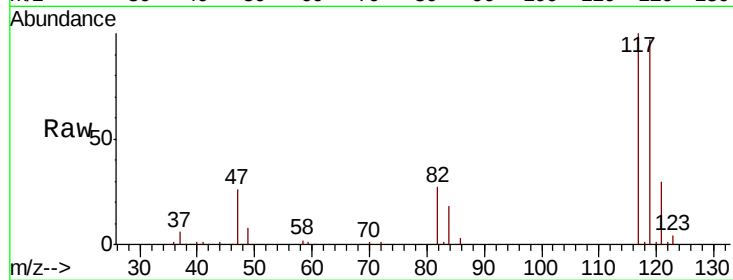
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:117 Resp: 69954

Ion Ratio Lower Upper

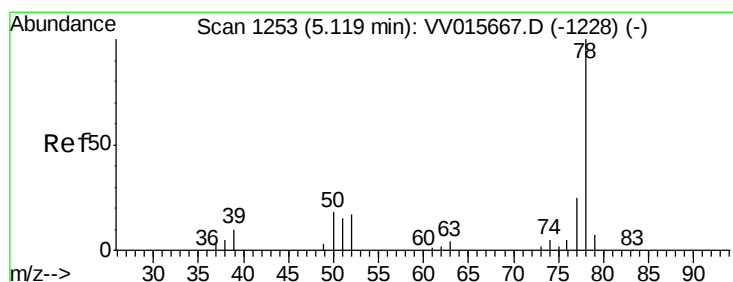
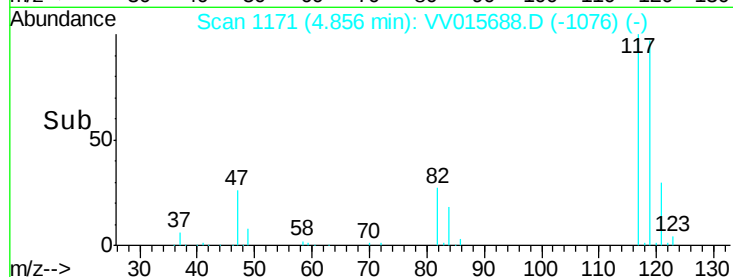
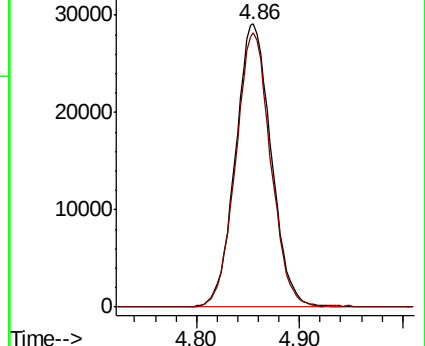
117 100

119 95.0 75.6 113.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.250 ug/L

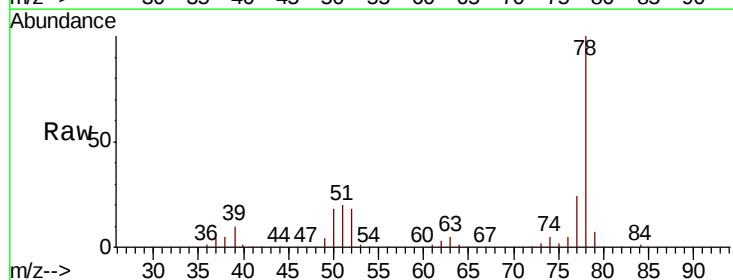
RT: 5.13 min Scan# 1255

Delta R.T. 0.01 min

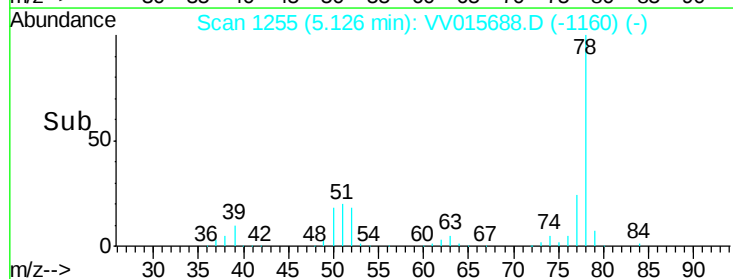
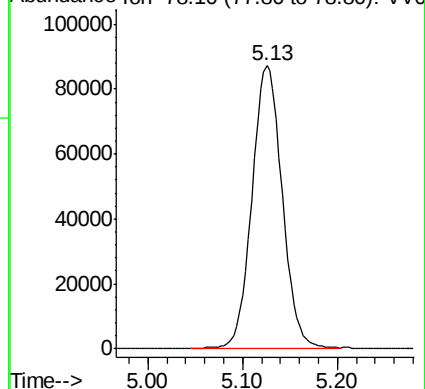
Lab File: VV015688.D

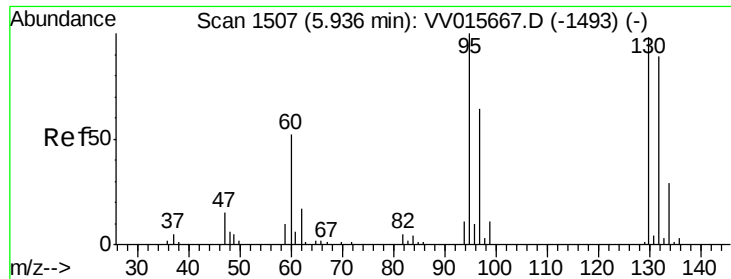
Acq: 24 Apr 2020 20:48

Tgt Ion: 78 Resp: 194275



Abundance Ion 78.10 (77.80 to 78.80): VV0

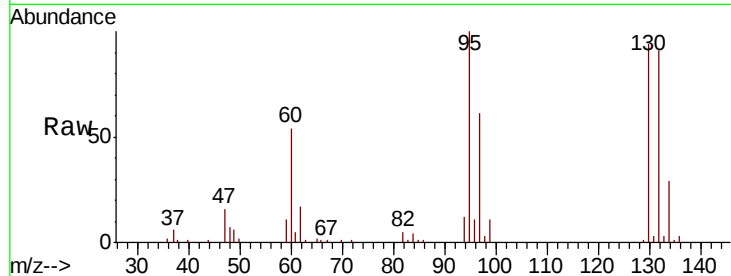




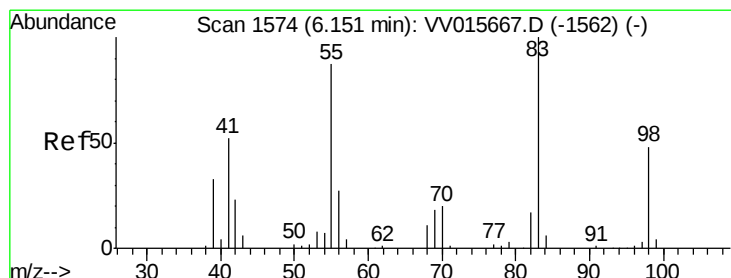
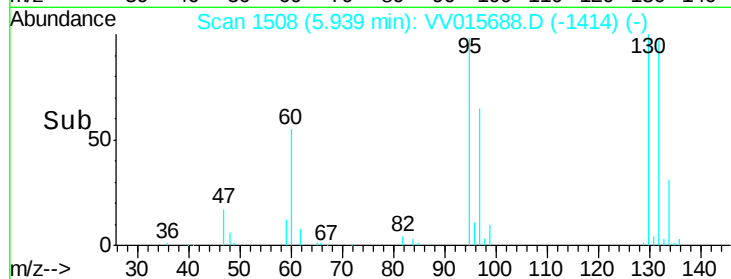
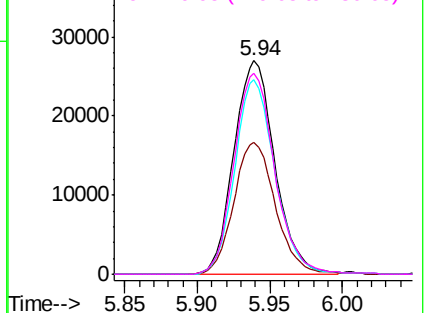
#34
 Trichloroethene
 Concen: 5.183 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV015688.D
 Acq: 24 Apr 2020 20:48

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 52959
 Ion Ratio Lower Upper
 95 100
 97 61.5 44.7 82.9
 132 91.3 65.2 121.0
 130 93.9 65.0 120.6

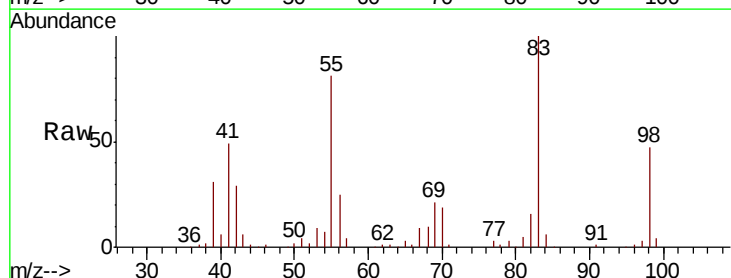


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

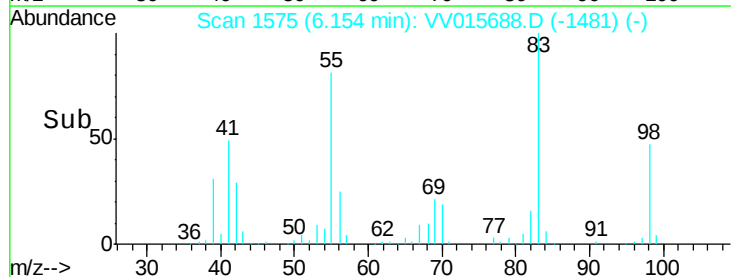
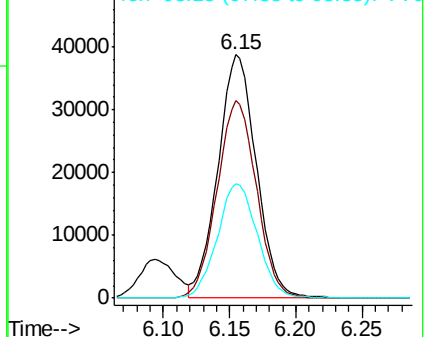


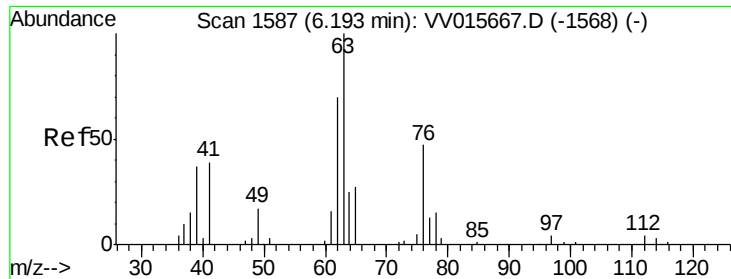
#35
 Methylcyclohexane
 Concen: 4.976 ug/L
 RT: 6.15 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: VV015688.D
 Acq: 24 Apr 2020 20:48

Tgt Ion: 83 Resp: 78047
 Ion Ratio Lower Upper
 83 100
 55 83.1 66.6 99.8
 98 49.2 39.5 59.3



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

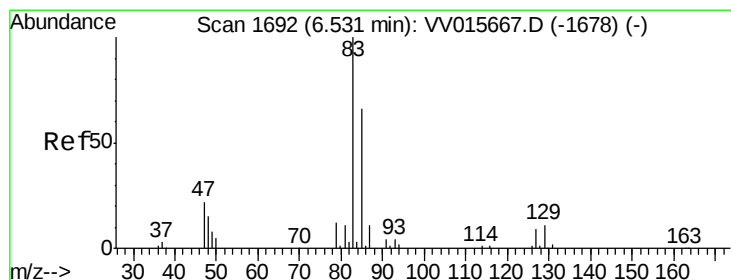
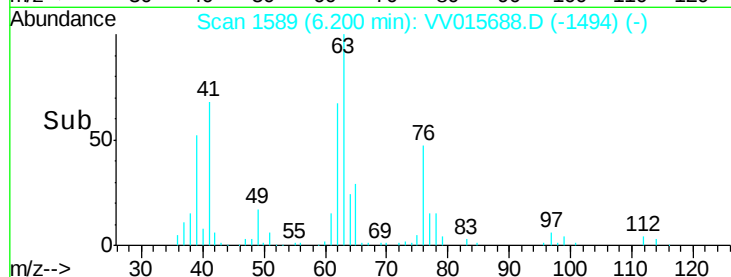
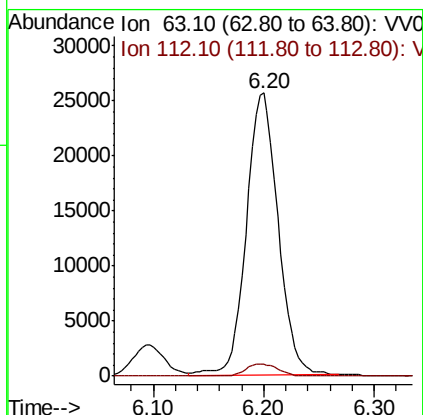
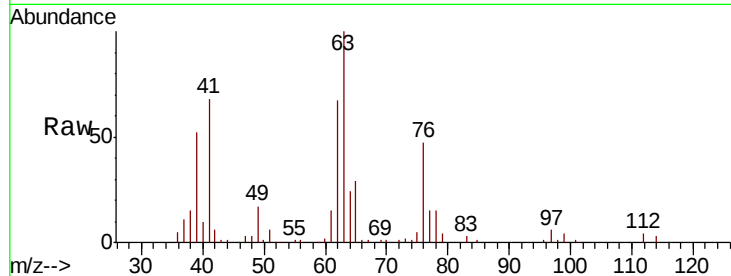




#37
 1,2-Dichloropropane
 Concen: 5.423 ug/L
 RT: 6.20 min Scan# 1589
 Delta R.T. 0.01 min
 Lab File: VV015688.D
 Acq: 24 Apr 2020 20:48

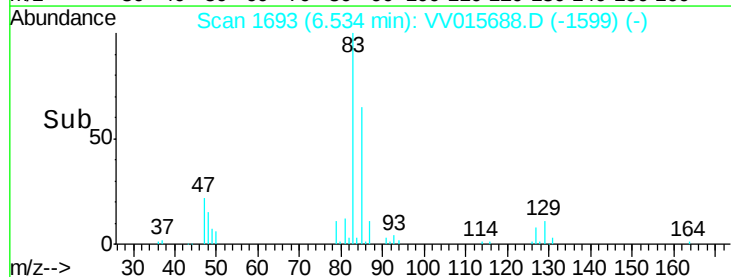
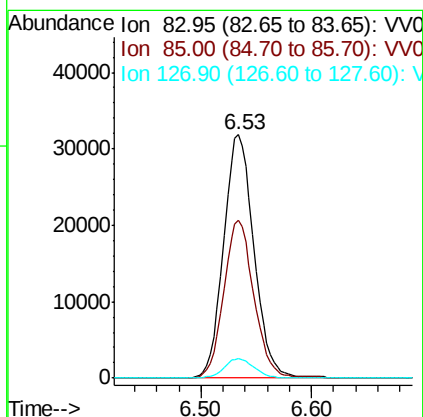
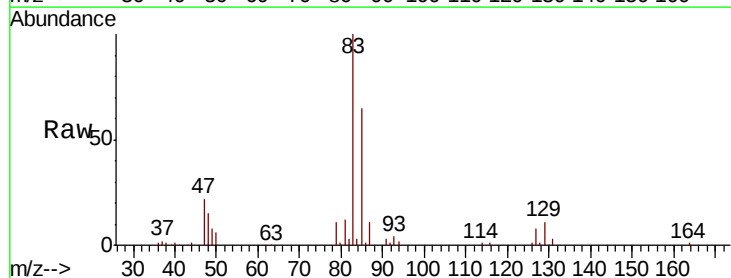
Instrument :
 MSVOA_V
 ClientSampleId :

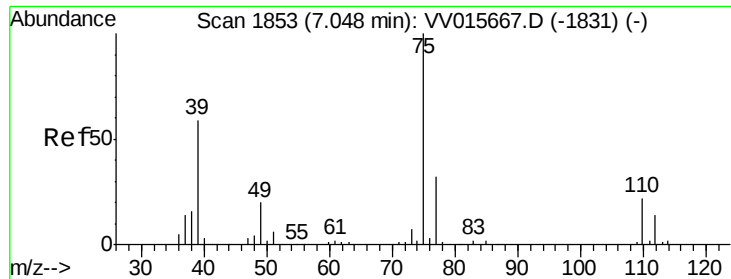
Tot Ion: 63 Resp: 51008
 Ion Ratio Lower Upper
 63 100
 112 4.2 3.6 5.4



#38
 Bromodichloromethane
 Concen: 5.101 ug/L
 RT: 6.53 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: VV015688.D
 Acq: 24 Apr 2020 20:48

Tgt Ion: 83 Resp: 60916
 Ion Ratio Lower Upper
 83 100
 85 65.0 44.7 83.1
 127 7.9 5.8 8.6

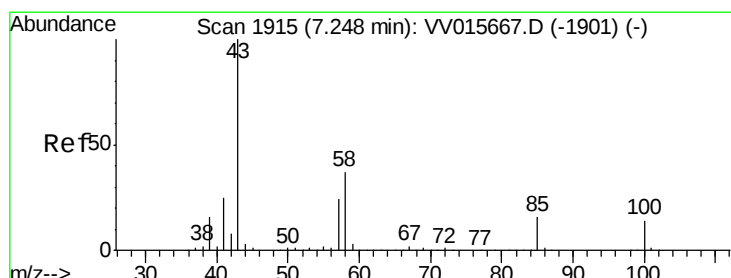
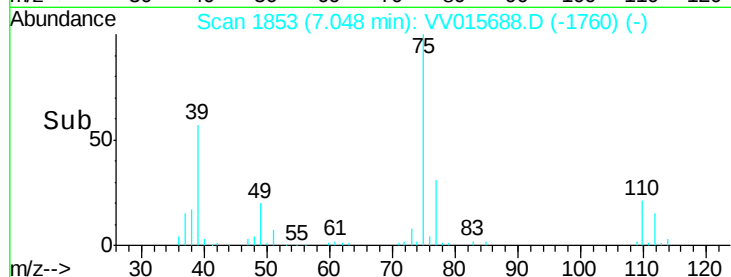
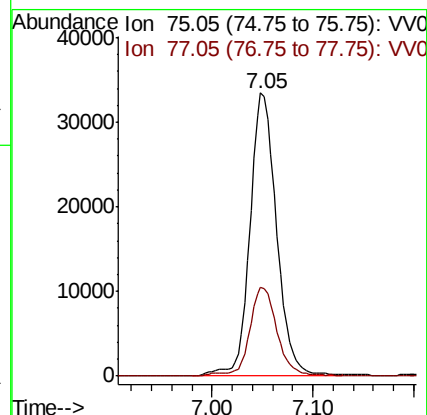
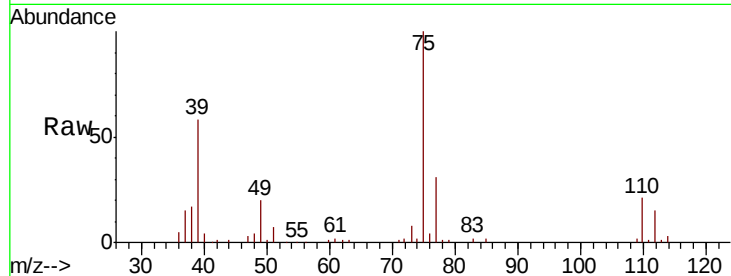




#39
 cis-1,3-Dichloropropene
 Concen: 4.657 ug/L
 RT: 7.05 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VV015688.D
 Acq: 24 Apr 2020 20:48

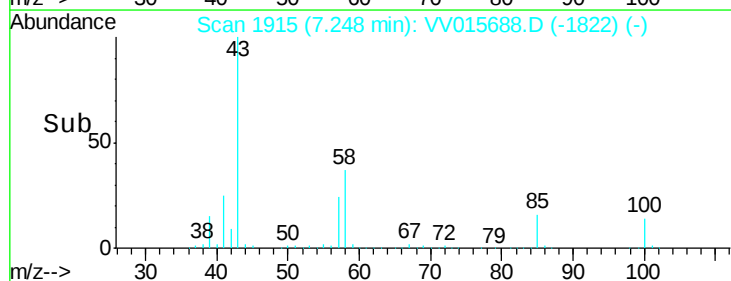
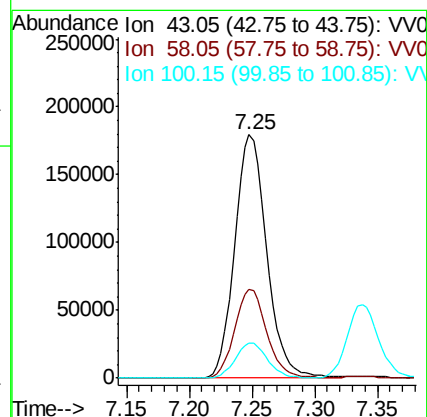
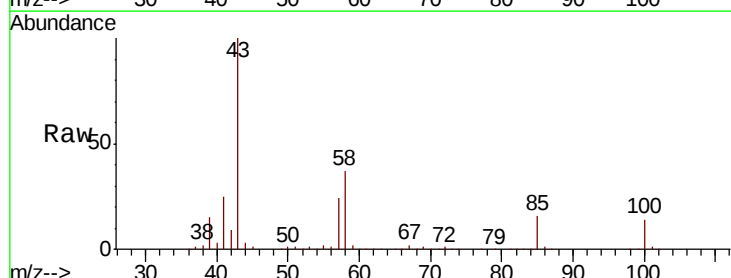
Instrument :
 MSVOA_V
 ClientSampleId :

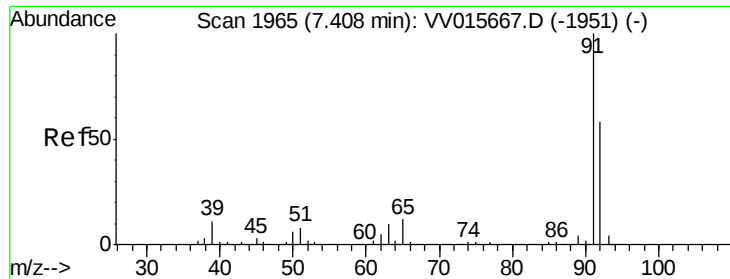
Tot Ion: 75 Resp: 61054
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 52.163 ug/L
 RT: 7.25 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VV015688.D
 Acq: 24 Apr 2020 20:48

Tgt Ion: 43 Resp: 318408
 Ion Ratio Lower Upper
 43 100
 58 36.5 29.2 43.8
 100 14.4 11.4 17.2





#42

Toluene

Concen: 5.296 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV015688.D

Acq: 24 Apr 2020 20:48

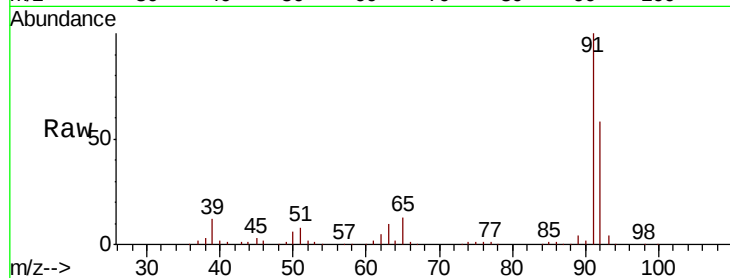
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 209376

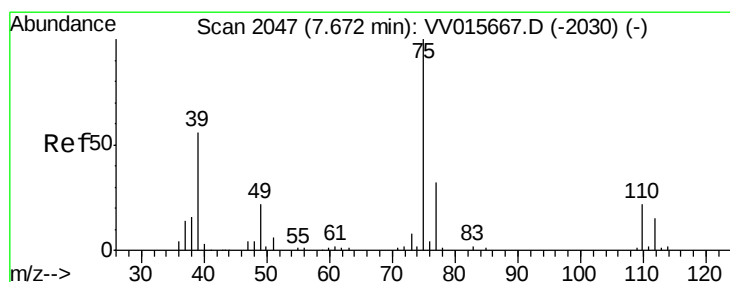
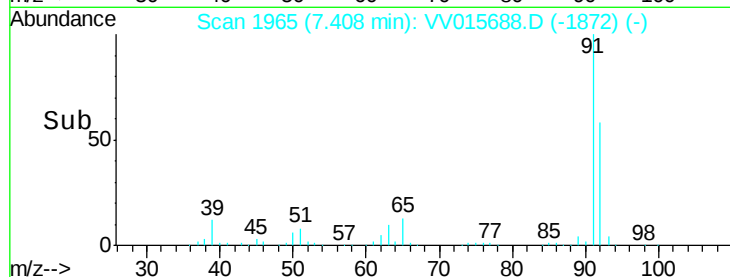
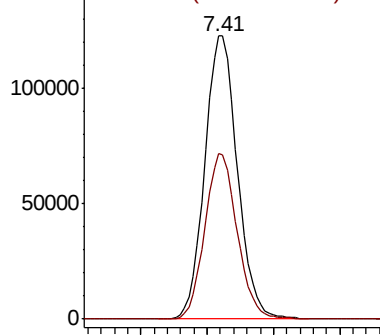
Ion Ratio Lower Upper

91 100

92 58.4 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV0
Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 4.630 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VV015688.D

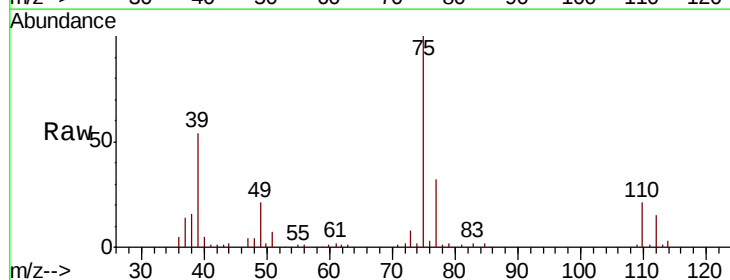
Acq: 24 Apr 2020 20:48

Tgt Ion: 75 Resp: 51010

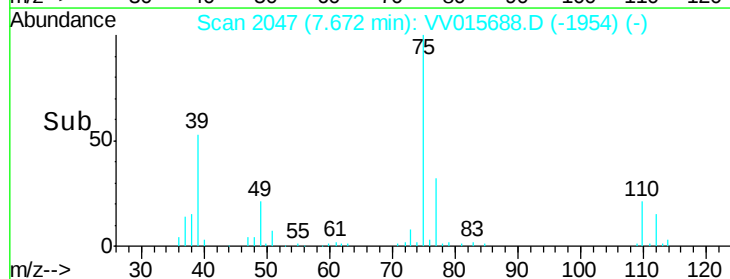
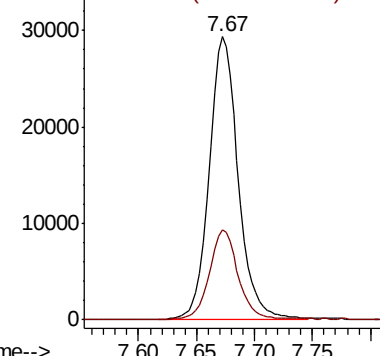
Ion Ratio Lower Upper

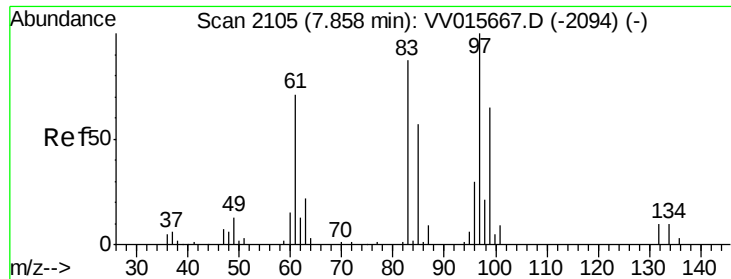
75 100

77 32.0 21.8 40.6



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0

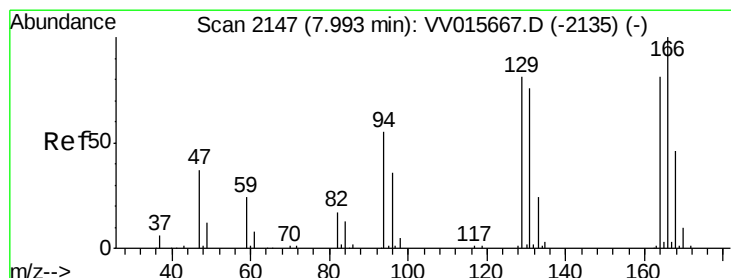
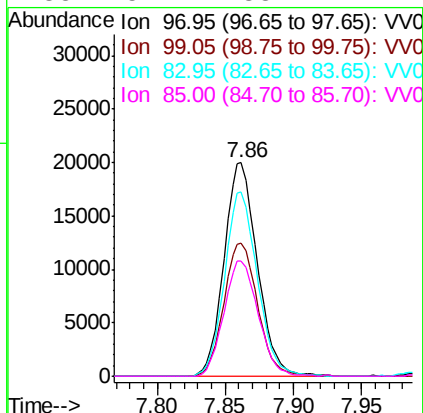
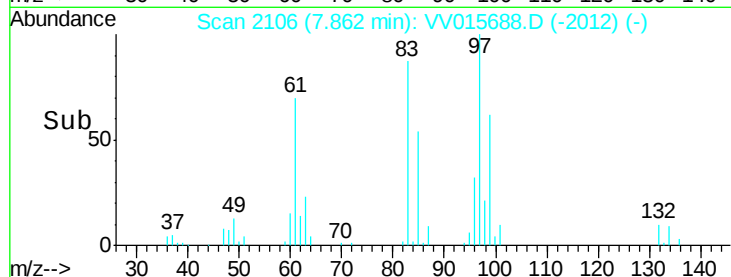
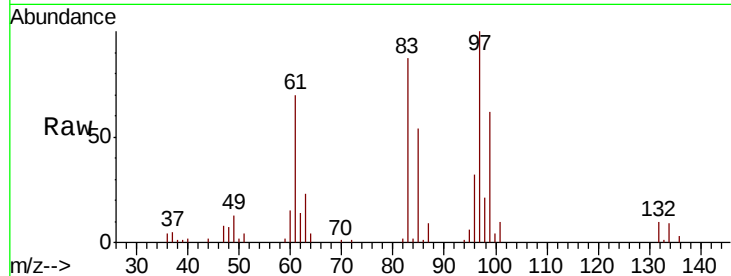




#45
 1,1,2-Trichloroethane
 Concen: 5.291 ug/L
 RT: 7.86 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: VV015688.D
 Acq: 24 Apr 2020 20:48

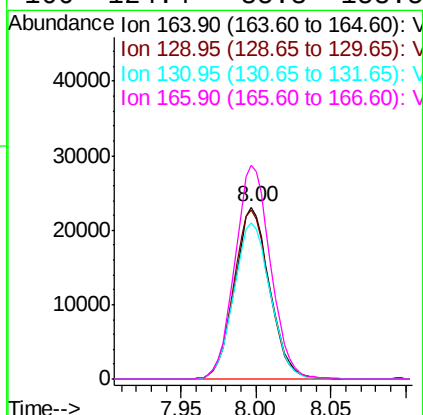
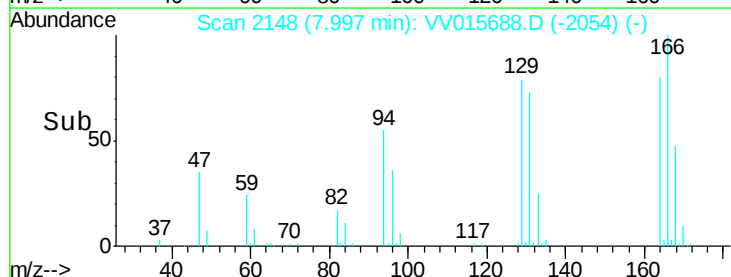
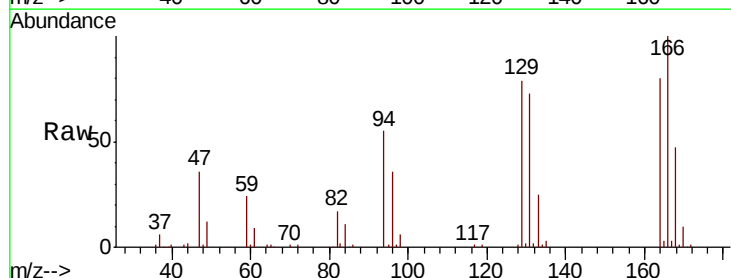
Instrument :
 MSVOA_V
 ClientSampleId :

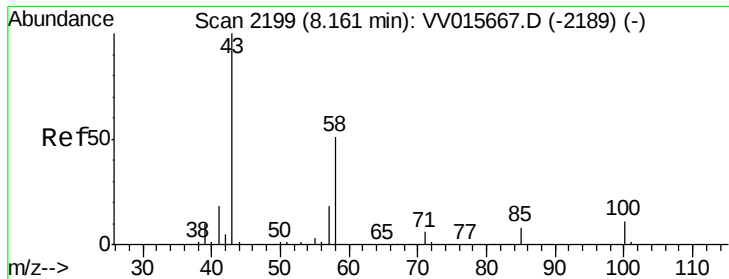
Tot Ion:	97	Resp:	33917
Ion	Ratio	Lower	Upper
97	100		
99	62.5	45.4	84.4
83	86.5	61.3	113.9
85	54.2	38.4	71.4



#47
 Tetrachloroethene
 Concen: 5.140 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV015688.D
 Acq: 24 Apr 2020 20:48

Tgt Ion:	164	Resp:	37817
Ion	Ratio	Lower	Upper
164	100		
129	98.1	66.7	123.9
131	91.1	66.6	123.6
166	124.4	85.3	158.5

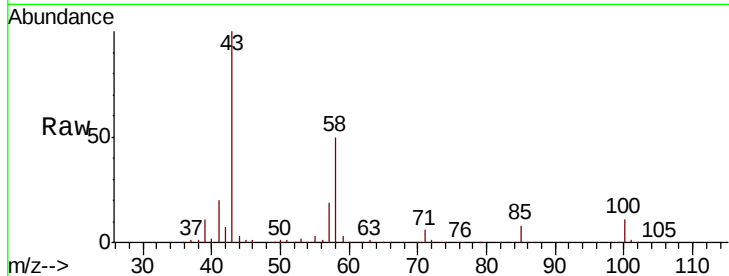




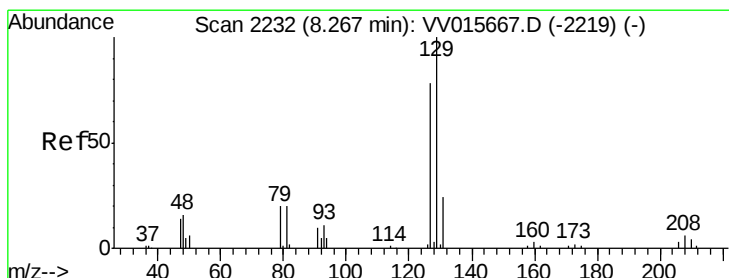
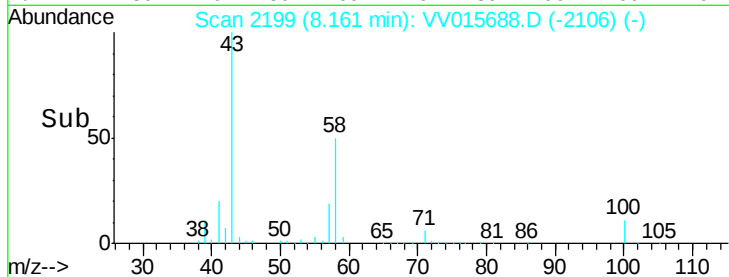
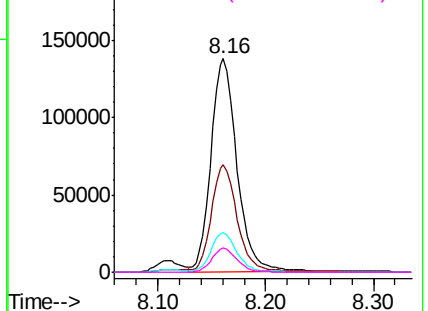
#48
2-Hexanone
Concen: 53.139 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV015688.D
Acq: 24 Apr 2020 20:48

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 231310
Ion Ratio Lower Upper
43 100
58 49.7 41.1 61.7
57 18.6 15.0 22.4
100 11.1 9.0 13.4

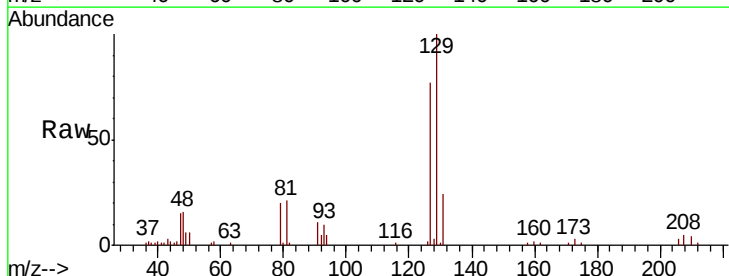


Abundance Ion 43.05 (42.75 to 43.75): VV015667.D (-2189) (-)
Ion 58.05 (57.75 to 58.75): VV015667.D (-2189) (-)
Ion 57.20 (56.90 to 57.90): VV015667.D (-2189) (-)
Ion 100.15 (99.85 to 100.85): VV015667.D (-2189) (-)

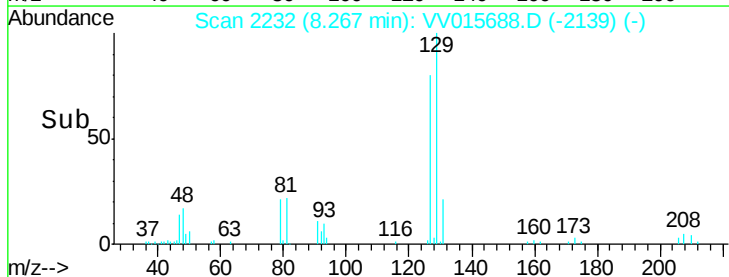
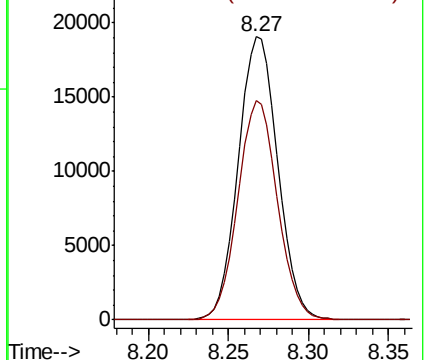


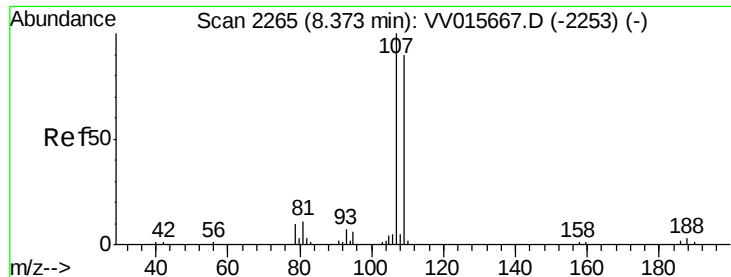
#49
Dibromochloromethane
Concen: 4.855 ug/L
RT: 8.27 min Scan# 2232
Delta R.T. 0.00 min
Lab File: VV015688.D
Acq: 24 Apr 2020 20:48

Tgt Ion: 129 Resp: 32211
Ion Ratio Lower Upper
129 100
127 77.4 52.6 97.8



Abundance Ion 128.95 (128.65 to 129.65): VV015667.D (-2219) (-)
Ion 126.90 (126.60 to 127.60): VV015667.D (-2219) (-)

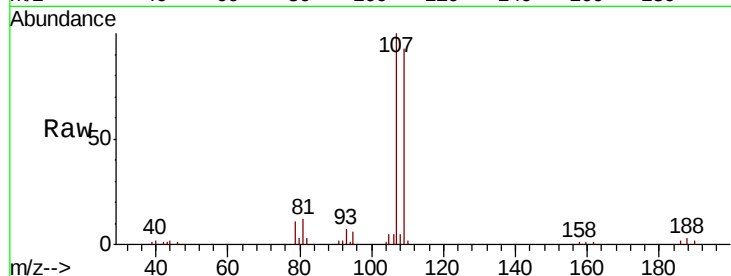




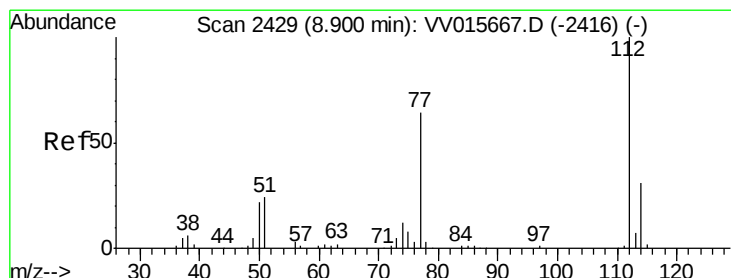
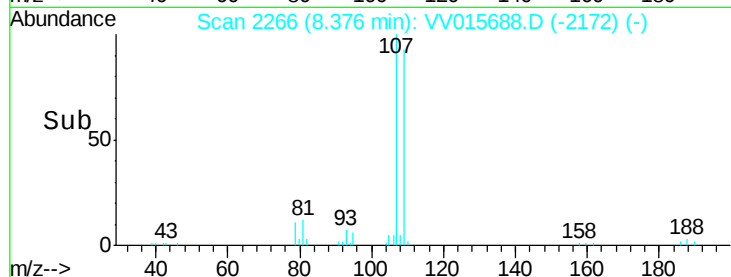
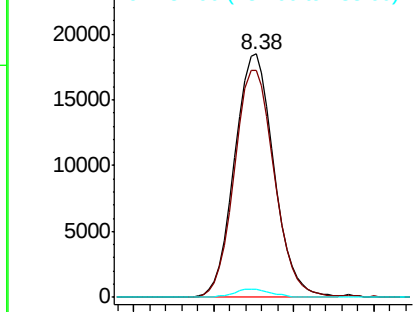
#50
1,2-Dibromoethane
Concen: 5.229 ug/L
RT: 8.38 min Scan# 2266
Delta R.T. 0.00 min
Lab File: VV015688.D
Acq: 24 Apr 2020 20:48

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:107 Resp: 30999
Ion Ratio Lower Upper
107 100
109 93.2 68.1 126.5
188 3.5 3.2 4.8

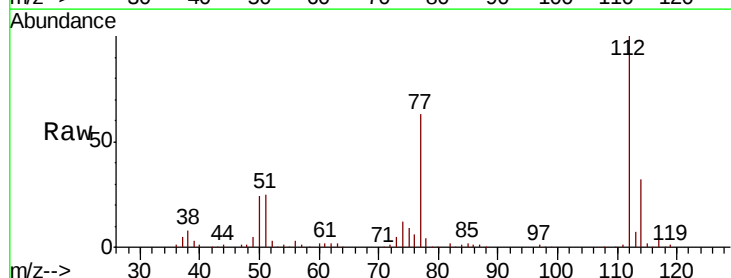


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

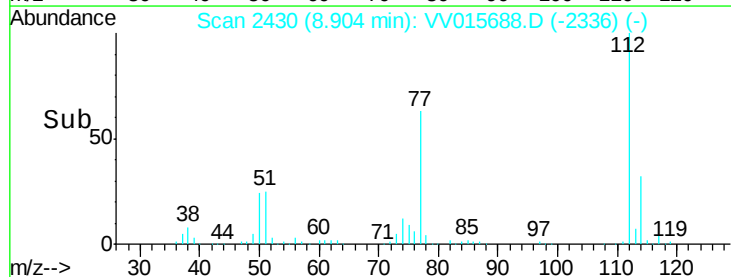
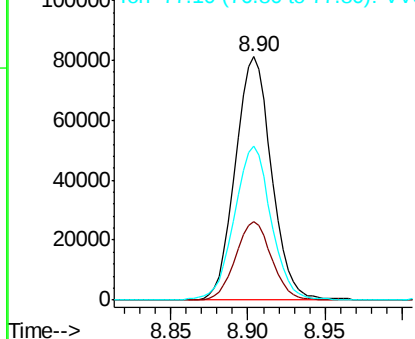


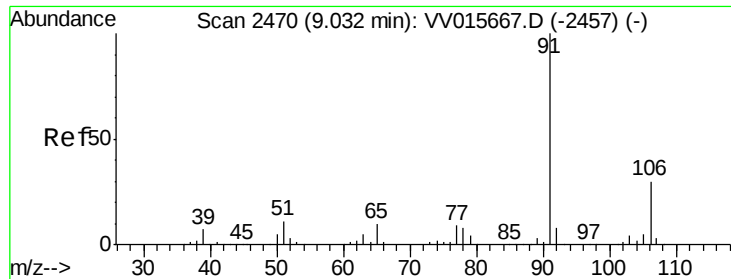
#51
Chlorobenzene
Concen: 5.093 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV015688.D
Acq: 24 Apr 2020 20:48

Tgt Ion:112 Resp: 131911
Ion Ratio Lower Upper
112 100
114 32.2 21.6 40.2
77 63.3 48.9 73.3



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V





#52

Ethylbenzene

Concen: 5.231 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV015688.D

Acq: 24 Apr 2020 20:48

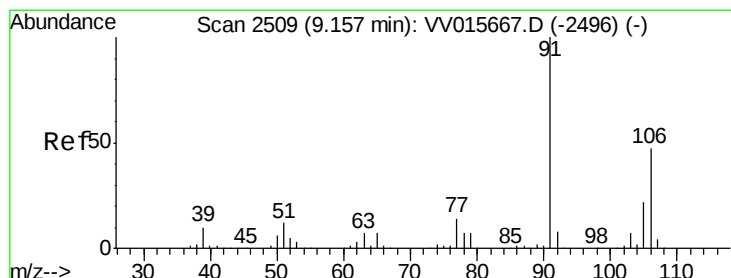
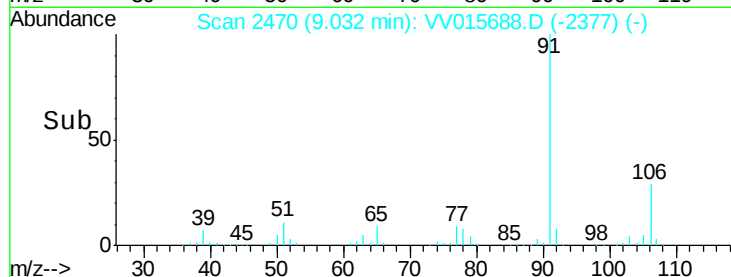
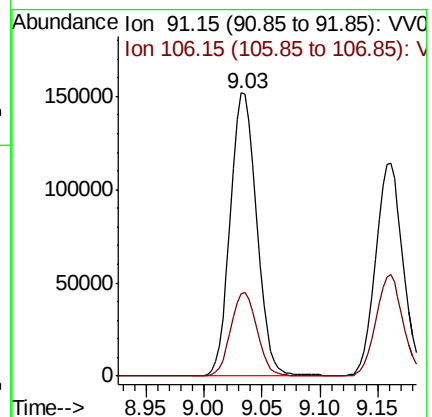
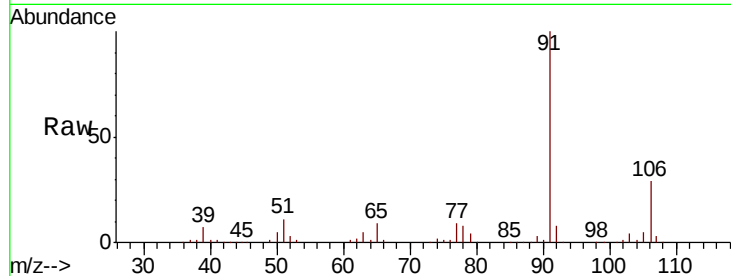
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 239353

Ion Ratio Lower Upper

91 100

106 29.2 21.3 39.5



#53

m,p-xylene

Concen: 5.351 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV015688.D

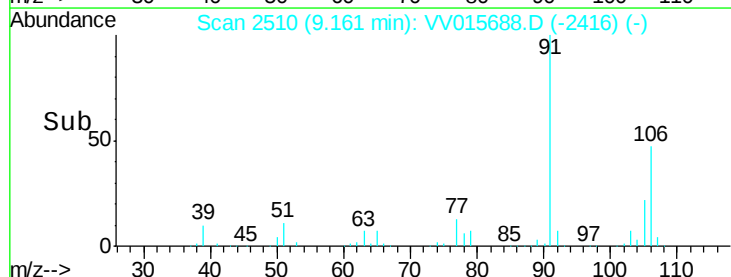
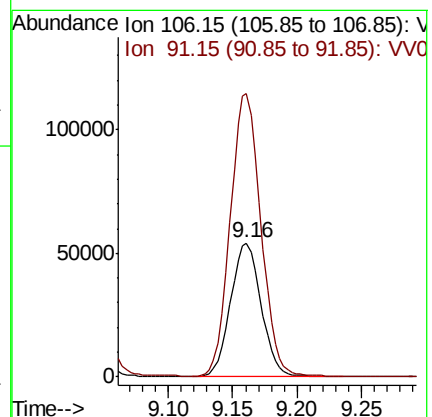
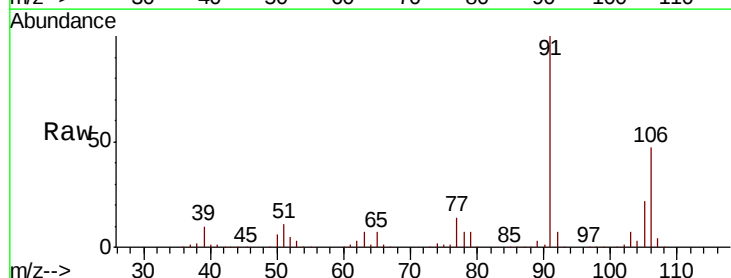
Acq: 24 Apr 2020 20:48

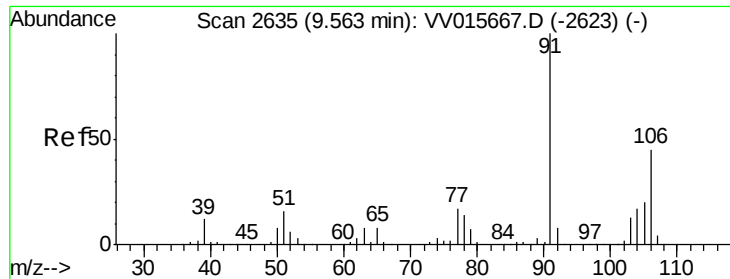
Tgt Ion: 106 Resp: 89678

Ion Ratio Lower Upper

106 100

91 211.1 147.8 274.4





#54

o-xylene

Concen: 5.342 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV015688.D

Acq: 24 Apr 2020 20:48

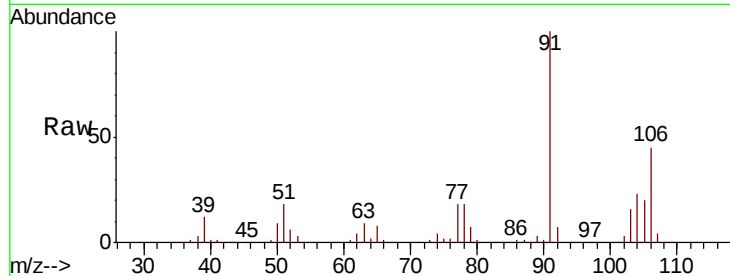
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 86629

Ion Ratio Lower Upper

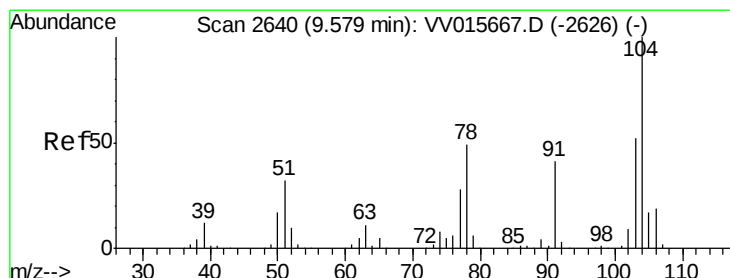
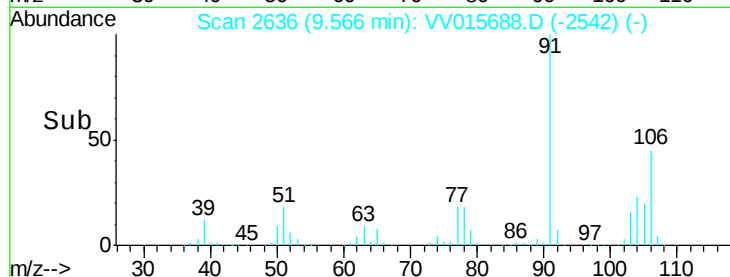
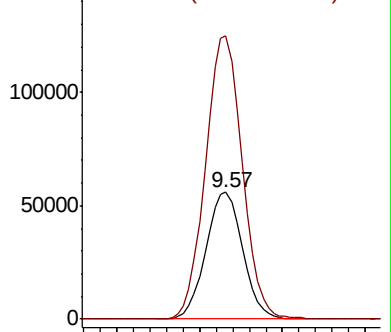
106 100

91 222.9 159.8 296.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 5.333 ug/L

RT: 9.58 min Scan# 2641

Delta R.T. 0.00 min

Lab File: VV015688.D

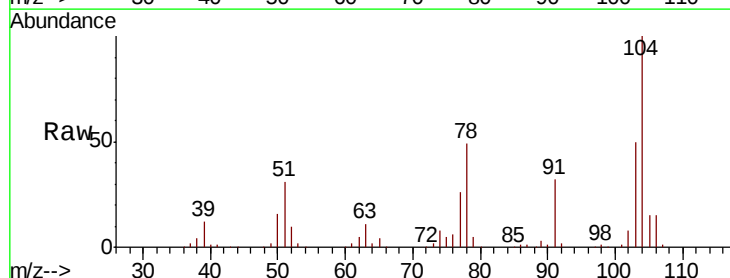
Acq: 24 Apr 2020 20:48

Tgt Ion:104 Resp: 146757

Ion Ratio Lower Upper

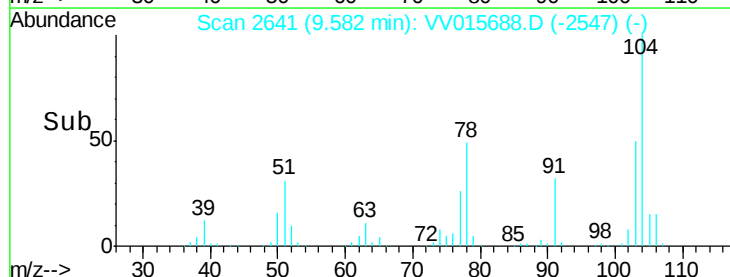
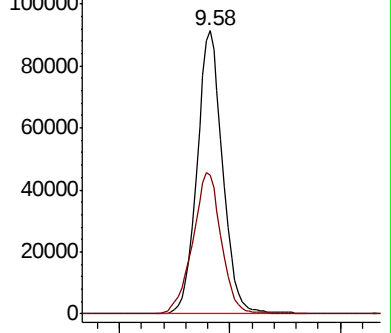
104 100

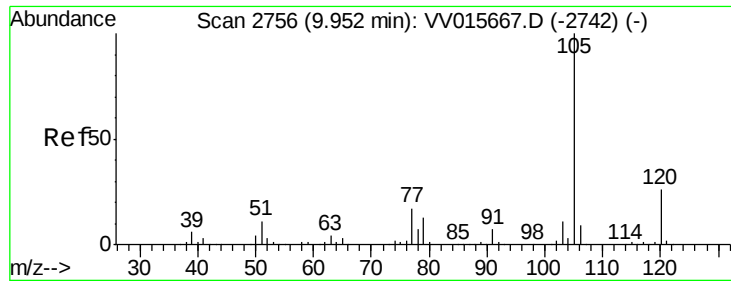
78 49.2 34.5 64.1



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0





#56

Isopropylbenzene

Concen: 5.174 ug/L

RT: 9.95 min Scan# 2756

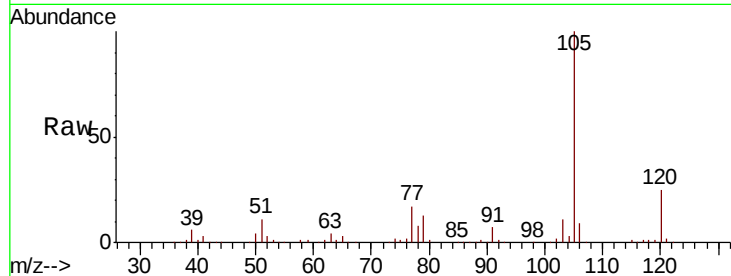
Delta R.T. 0.00 min

Lab File: VV015688.D

Acq: 24 Apr 2020 20:48

Instrument :
MSVOA_V
ClientSampled :

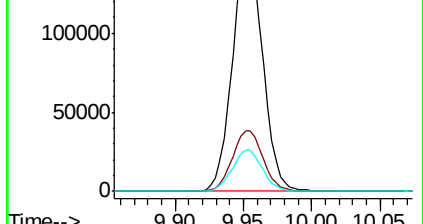
Tot Ion:	105	Resp:	235381
Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.7	31.1
77	17.2	13.9	20.9



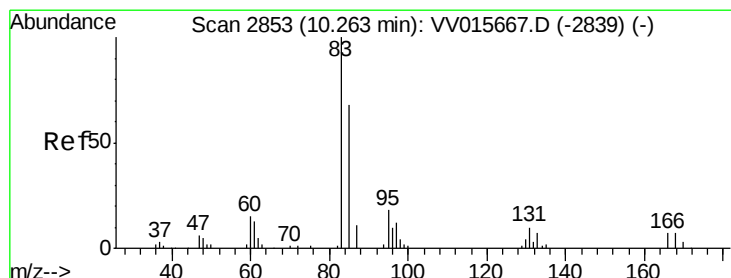
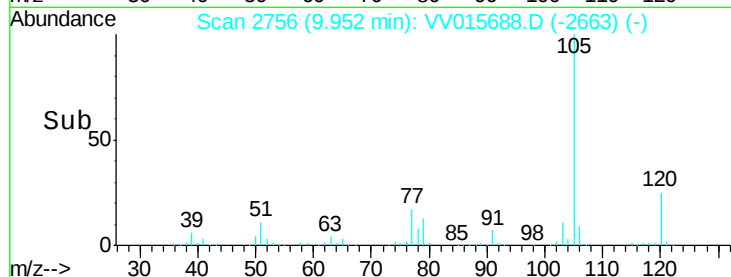
Abundance Ion 105.05 (104.75 to 105.75): VV015667.D (-2742) (-)

Ion 120.10 (119.80 to 120.80): VV015667.D (-2742) (-)

Ion 77.10 (76.80 to 77.80): VV015667.D (-2742) (-)



Time-->



#58

1,1,2,2-Tetrachloroethane

Concen: 5.379 ug/L

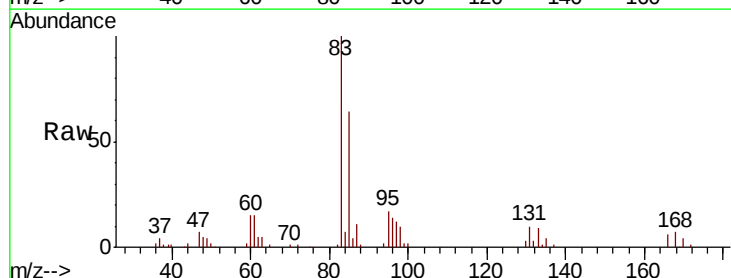
RT: 10.26 min Scan# 2853

Delta R.T. 0.00 min

Lab File: VV015688.D

Acq: 24 Apr 2020 20:48

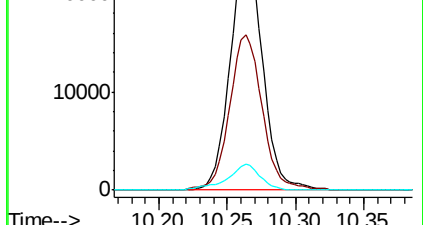
Tgt Ion:	83	Resp:	40261
Ion	Ratio	Lower	Upper
83	100		
85	63.7	46.3	85.9
131	10.5	7.7	11.5



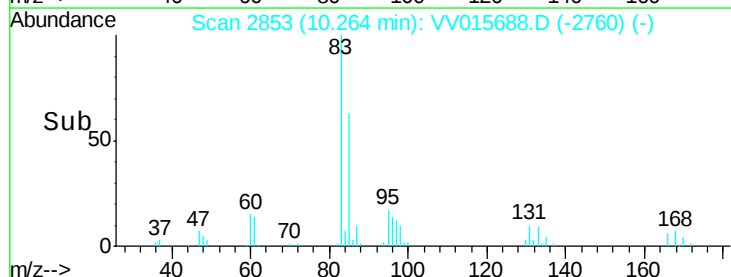
Abundance Ion 82.95 (82.65 to 83.65): VV015667.D (-2839) (-)

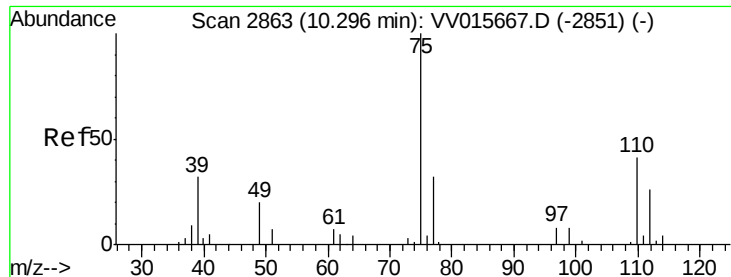
Ion 85.00 (84.70 to 85.70): VV015667.D (-2839) (-)

Ion 130.95 (130.65 to 131.65): VV015667.D (-2839) (-)



Time-->





#59

1,2,3-Trichloropropane

Concen: 5.195 ug/L

RT: 10.30 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VV015688.D

Acq: 24 Apr 2020 20:48

Instrument :

MSVOA_V

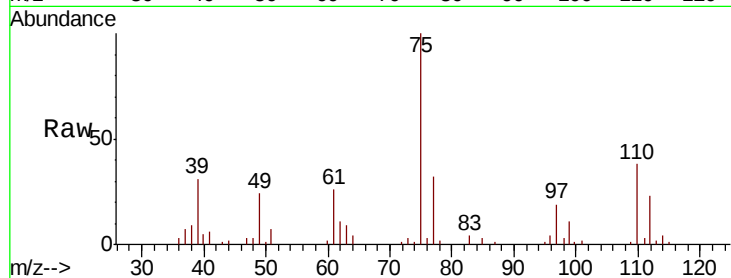
ClientSampleId :

Tot Ion: 75 Resp: 31197

Ion Ratio Lower Upper

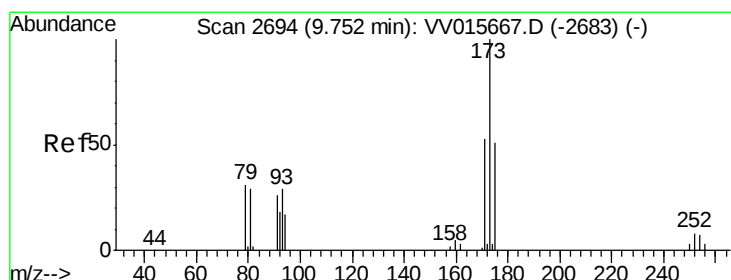
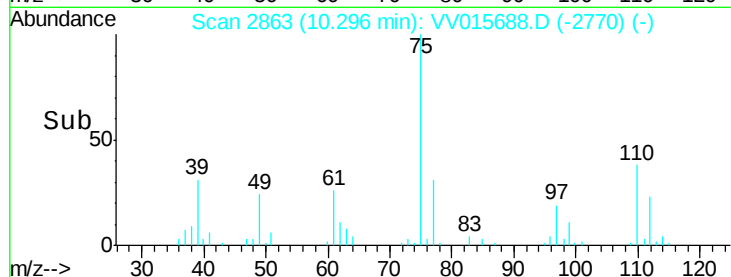
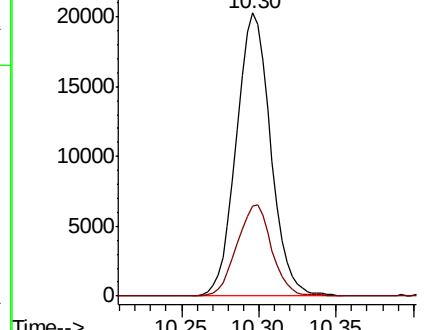
75 100

77 32.5 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VV015667.D (-2851) (-)

Ion 77.00 (76.70 to 77.70): VV015667.D (-2851) (-)



#61

Bromoform

Concen: 4.564 ug/L

RT: 9.75 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VV015688.D

Acq: 24 Apr 2020 20:48

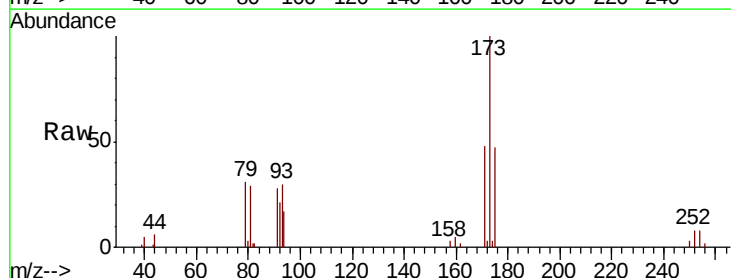
Tgt Ion:173 Resp: 12390

Ion Ratio Lower Upper

173 100

175 49.6 39.8 59.8

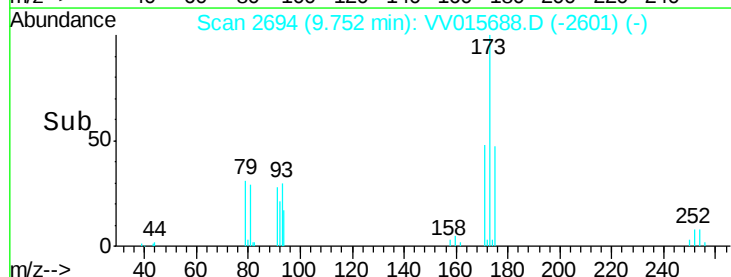
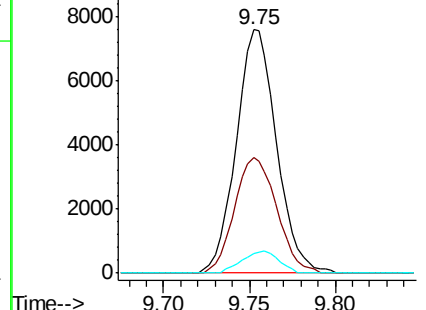
254 8.2 5.8 8.8

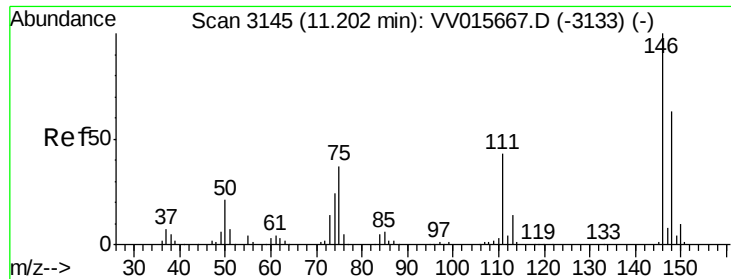


Abundance Ion 172.90 (172.60 to 173.60): VV015667.D (-2683) (-)

Ion 174.90 (174.60 to 175.60): VV015667.D (-2683) (-)

Ion 253.75 (253.45 to 254.45): VV015667.D (-2683) (-)





#62

1,3-Dichlorobenzene

Concen: 5.231 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV015688.D

Acq: 24 Apr 2020 20:48

Instrument :

MSVOA_V

ClientSampled :

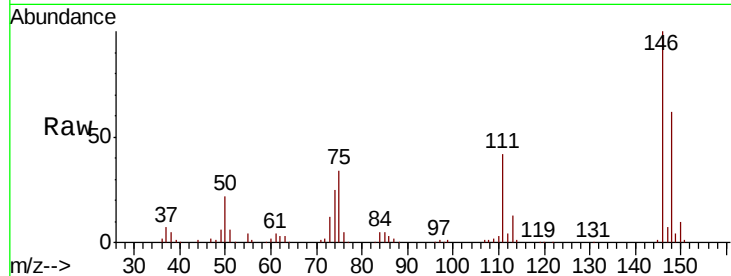
Tot Ion:146 Resp: 108889

Ion Ratio Lower Upper

146 100

111 42.4 30.0 55.6

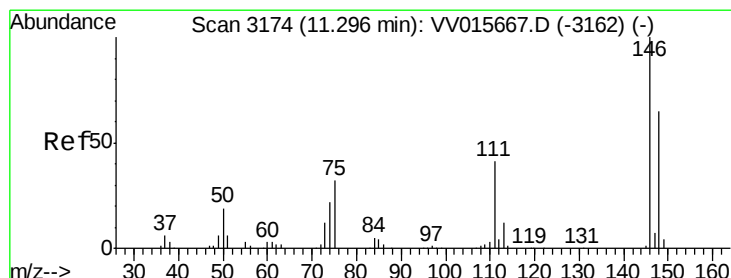
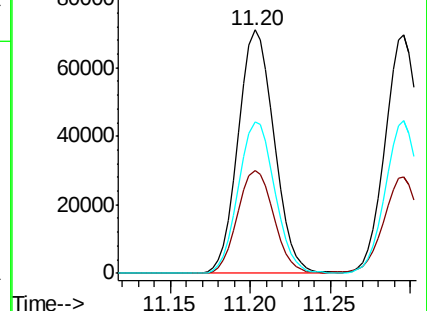
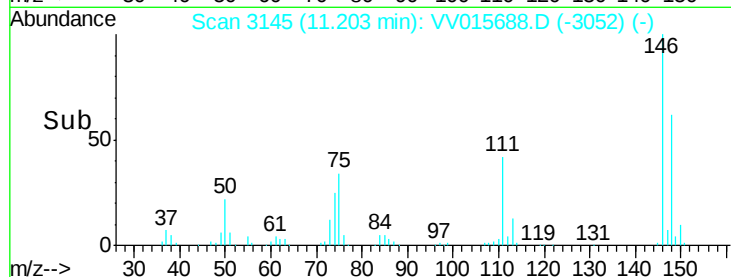
148 62.4 44.2 82.2



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 5.109 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV015688.D

Acq: 24 Apr 2020 20:48

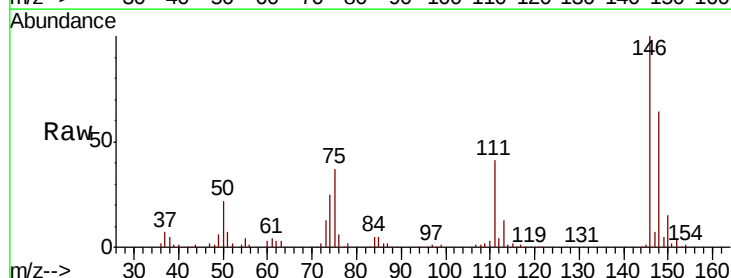
Tgt Ion:146 Resp: 107245

Ion Ratio Lower Upper

146 100

111 40.6 28.2 52.4

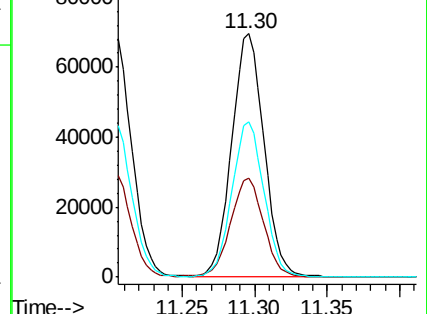
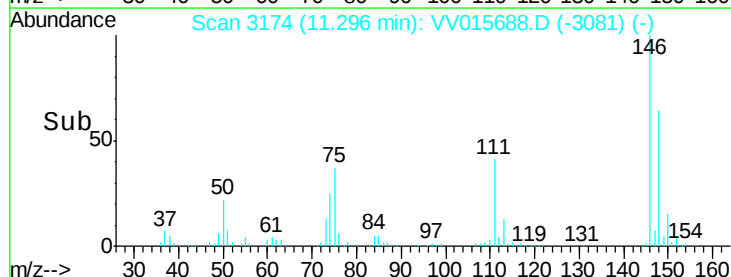
148 63.9 45.7 84.9

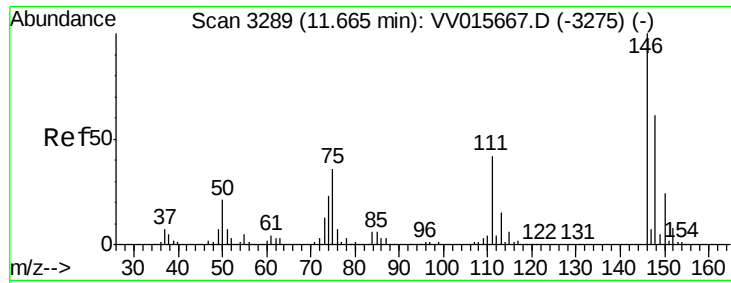


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 5.228 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV015688.D

Acq: 24 Apr 2020 20:48

Instrument :

MSVOA_V

ClientSampleId :

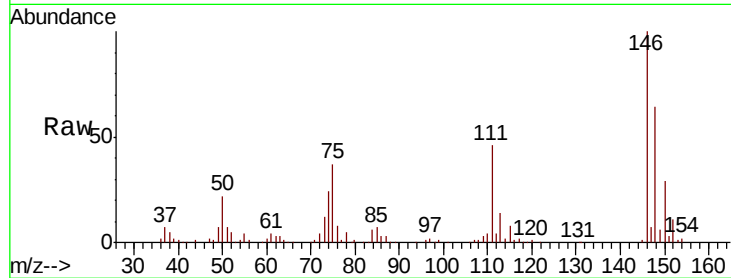
Tot Ion:146 Resp: 98421

Ion Ratio Lower Upper

146 100

111 46.4 34.7 52.1

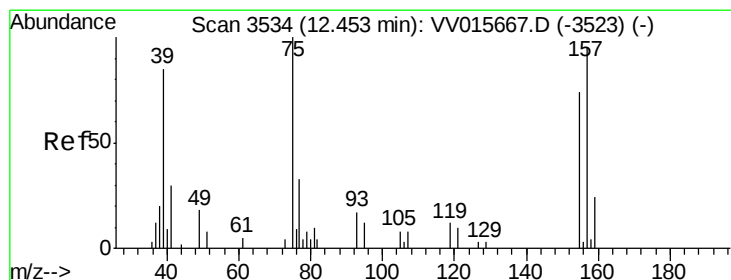
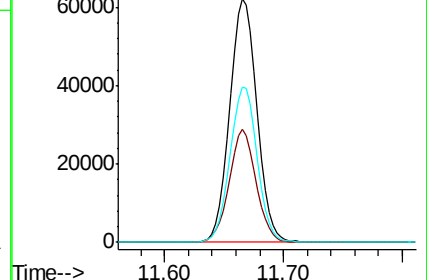
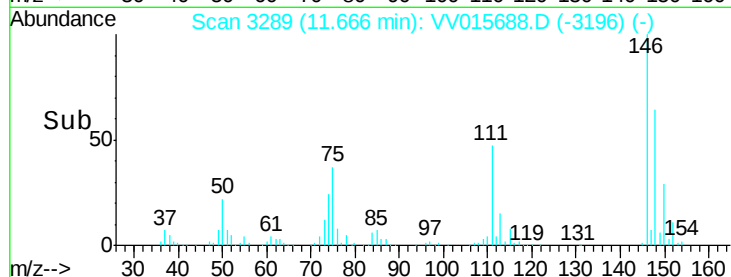
148 63.6 51.3 76.9



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 4.886 ug/L

RT: 12.45 min Scan# 3534

Delta R.T. 0.00 min

Lab File: VV015688.D

Acq: 24 Apr 2020 20:48

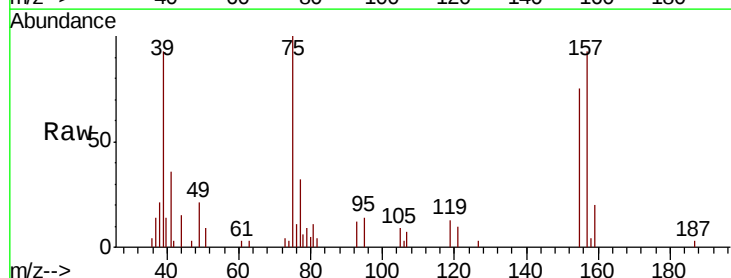
Tgt Ion: 75 Resp: 5992

Ion Ratio Lower Upper

75 100

155 74.7 51.0 76.4

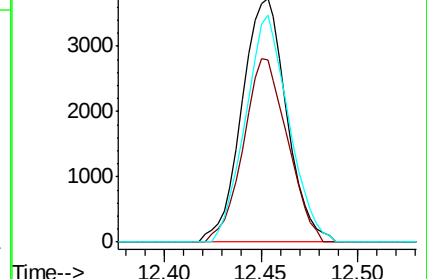
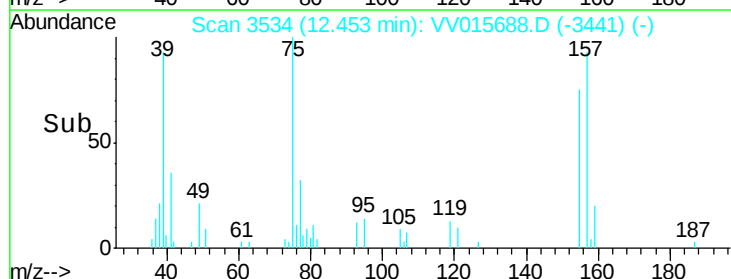
157 93.1 70.6 106.0

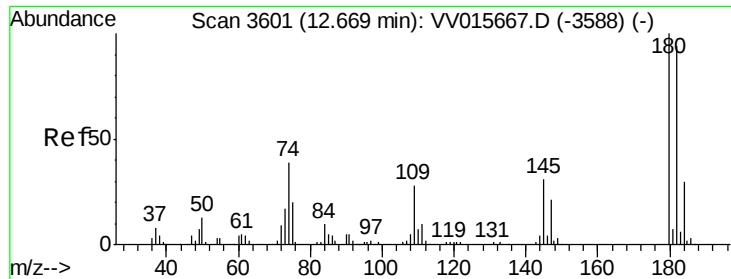


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

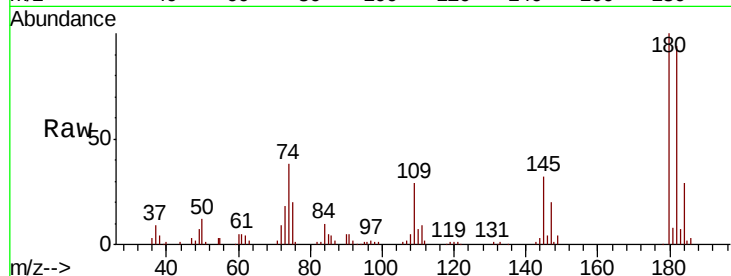




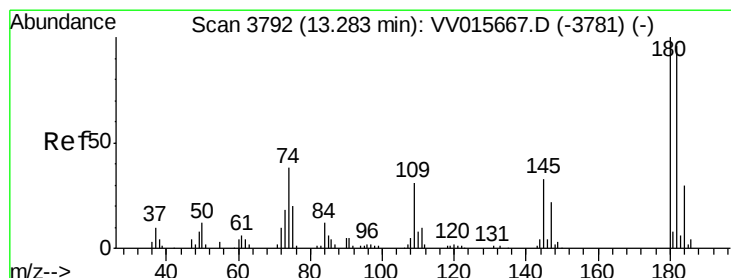
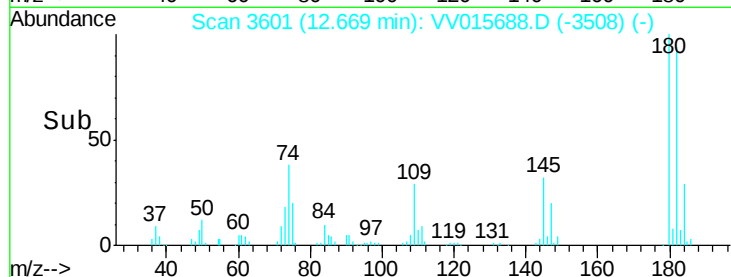
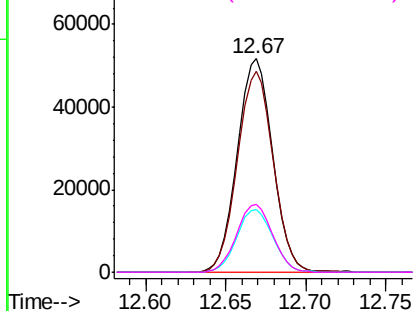
#67
 1,3,5-Trichlorobenzene
 Concen: 5.061 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VV015688.D
 Acq: 24 Apr 2020 20:48

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 77840
 Ion Ratio Lower Upper
 180 100
 182 95.3 78.2 117.4
 184 30.0 25.0 37.4
 145 32.3 26.4 39.6

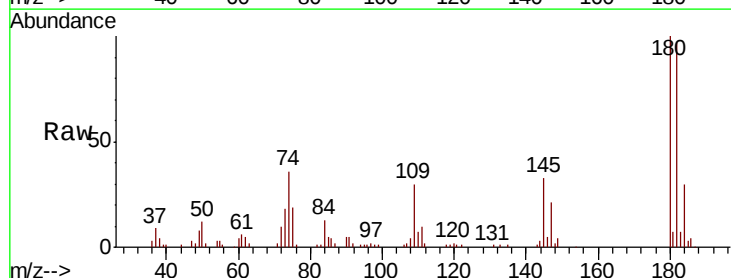


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

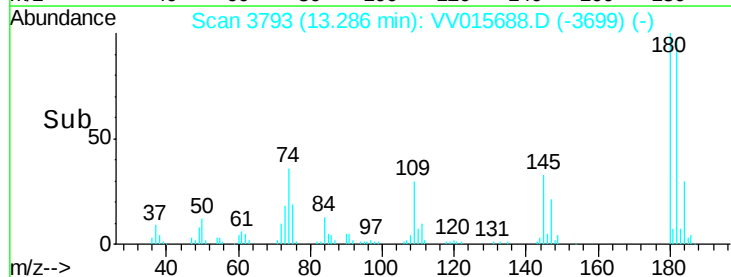
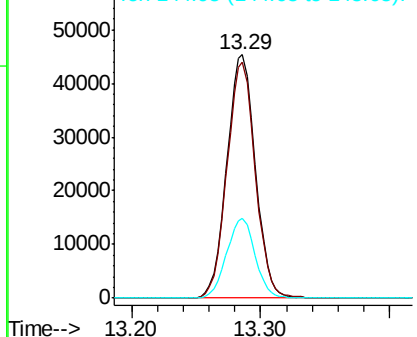


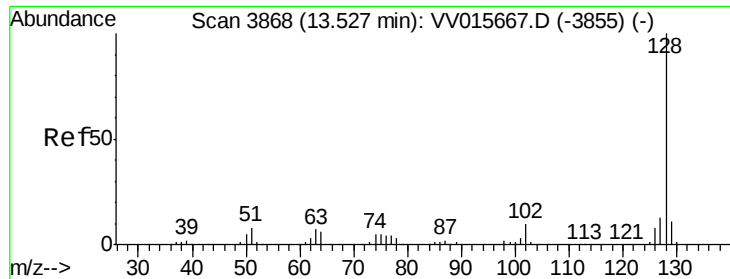
#68
 1,2,4-trichlorobenzene
 Concen: 4.895 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV015688.D
 Acq: 24 Apr 2020 20:48

Tgt Ion:180 Resp: 69298
 Ion Ratio Lower Upper
 180 100
 182 96.0 74.8 112.2
 145 32.7 25.9 38.9



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 4.758 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

Lab File: VV015688.D

Acq: 24 Apr 2020 20:48

Instrument :

MSVOA_V

ClientSampled :

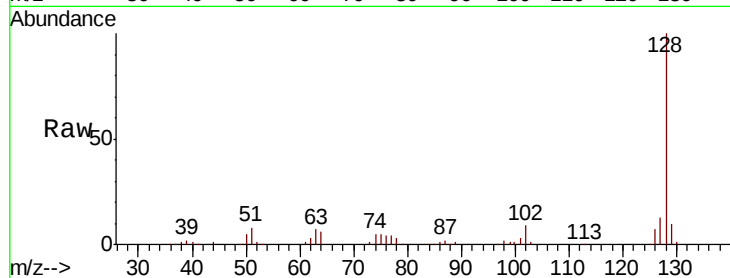
Tot Ion:128 Resp: 120556

Ion Ratio Lower Upper

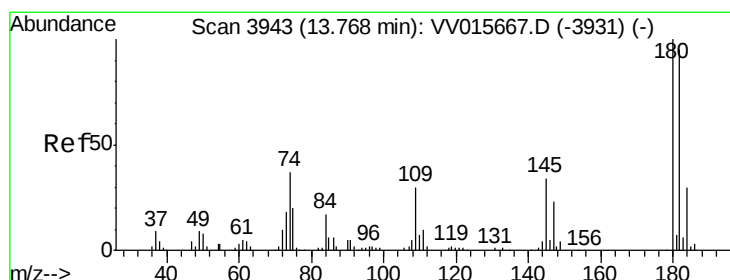
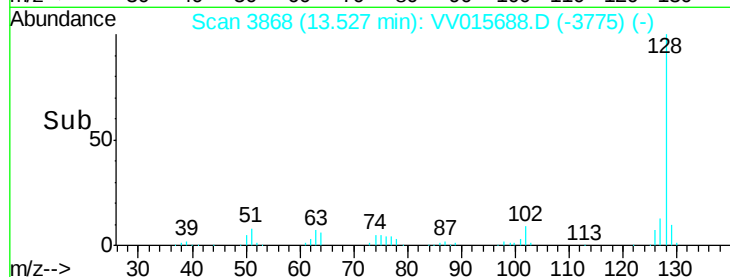
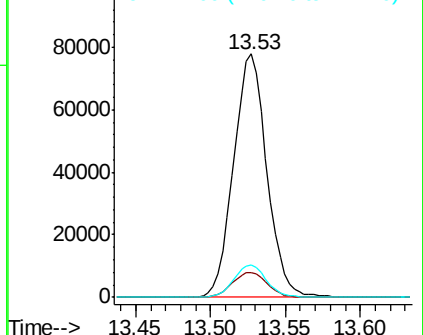
128 100

129 10.8 8.4 12.6

127 13.0 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 4.958 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VV015688.D

Acq: 24 Apr 2020 20:48

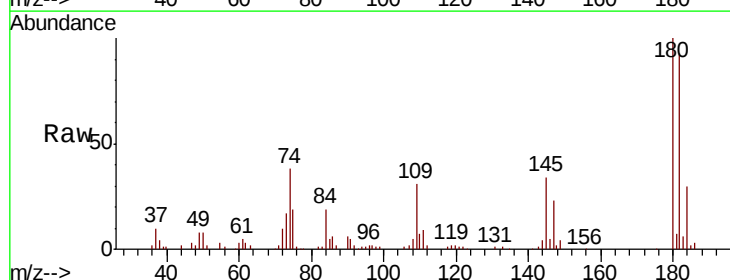
Tgt Ion:180 Resp: 61947

Ion Ratio Lower Upper

180 100

182 94.6 74.8 112.2

145 35.1 28.4 42.6



Abundance Ion 179.90 (179.60 to 180.60): V
Ion 181.90 (181.60 to 182.60): V
Ion 144.95 (144.65 to 145.65): V

