

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100620\
 Data File : VV018689.D
 Acq On : 06 Oct 2020 12:56
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.00µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Quant Time: Oct 07 05:42:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM092320W.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 05:40:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	238955	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	237386	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	112369	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81317	54.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.70%
7) Chloroethane-d5	1.58	69	68081	53.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.68%
11) 1,1-Dichloroethene-d2	2.12	63	121645	39.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.26%
21) 2-Butanone-d5	3.92	46	92301	86.84	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.84%
24) Chloroform-d	4.37	84	144882	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.05	65	99932	51.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.42%
32) Benzene-d6	5.07	84	281908	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.32%
36) 1,2-Dichloropropane-d6	6.09	67	87541	45.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.84%
41) Toluene-d8	7.33	98	293157	53.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.16%
43) trans-1,3-Dichloropropene-	7.64	79	45366	46.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.80%
47) 2-Hexanone-d5	8.11	63	46942	66.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	66.17%
56) 1,1,2,2-Tetrachloroethane-	10.24	84	90015	36.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	72.74%
66) 1,2-Dichlorobenzene-d4	11.65	152	110365	52.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.52%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	3889	2.205 ug/L	98
3) Chloromethane	1.25	50	4336	2.217 ug/L	98
5) Vinyl chloride	1.32	62	5695	2.845 ug/L #	80
6) Bromomethane	1.53	94	3423	2.691 ug/L	99
8) Chloroethane	1.60	64	3046	2.361 ug/L	92
9) Trichlorofluoromethane	1.76	101	7779	2.733 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	5386	3.087 ug/L #	85
12) 1,1-Dichloroethene	2.13	96	4815	2.902 ug/L #	1
13) Acetone	2.20	43	2932	2.181 ug/L	92
14) Carbon disulfide	2.31	76	12947	2.748 ug/L #	95
15) Methyl Acetate	2.46	43	5177	2.918 ug/L #	83
16) Methylene chloride	2.52	84	6246	3.325 ug/L	93
17) trans-1,2-Dichloroethene	2.78	96	3818	2.273 ug/L	96
18) Methyl tert-butyl Ether	2.78	73	11274	2.160 ug/L #	92
19) 1,1-Dichloroethane	3.22	63	7101	2.178 ug/L #	86
20) cis-1,2-Dichloroethene	3.93	96	4496	2.483 ug/L	87
23) Bromochloromethane	4.28	128	2108	2.174 ug/L	94

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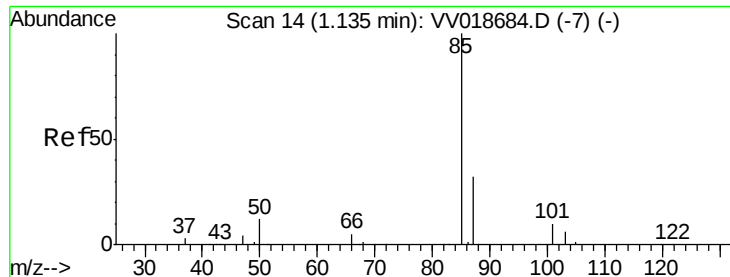
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

25) Chloroform	4.40	83	10112	3.067	µg/L	96
27) 1,2-Dichloroethane	5.16	62	6168	2.415	µg/L #	92
29) Cyclohexane	4.70	56	6103	2.209	µg/L	98
30) 1,1,1-Trichloroethane	4.64	97	6771	2.319	µg/L	93
31) Carbon tetrachloride	4.85	117	6130	2.408	µg/L	95
33) Benzene	5.13	78	16341	2.298	µg/L	100
34) Trichloroethene	5.94	95	5779	2.957	µg/L	94
35) Methylcyclohexane	6.15	83	4882	1.720	µg/L	88
37) 1,2-Dichloropropane	6.20	63	3937	2.094	µg/L #	86
38) Bromodichloromethane	6.53	83	5680	2.309	µg/L	99
39) cis-1,3-Dichloropropene	7.05	75	7282	2.582	µg/L	100
40) 4-Methyl-2-pentanone	7.25	43	9272	4.156	µg/L	94
42) Toluene	7.41	91	18818	2.523	µg/L	93
44) trans-1,3-Dichloropropene	7.68	75	7373	2.637	µg/L	98
45) 1,1,2-Trichloroethane	7.86	97	3948	2.230	µg/L	91
46) Tetrachloroethene	8.00	164	3389	2.214	µg/L	92
48) 2-Hexanone	8.16	43	18442	9.753	µg/L	90
49) Dibromochloromethane	8.27	129	4049	2.054	µg/L	90
50) 1,2-Dibromoethane	8.38	107	4237	2.299	µg/L #	93
51) Chlorobenzene	8.90	112	11578	2.323	µg/L	95
52) Ethylbenzene	9.04	91	17565	2.140	µg/L	99
53) m,p-Xylene	9.16	106	6189	2.019	µg/L	96
54) o-Xylene	9.57	106	6021	2.039	µg/L	98
55) Styrene	9.59	104	9450	1.829	µg/L	91
57) 1,1,2,2-Tetrachloroethane	10.26	83	5144	1.993	µg/L #	93
59) Bromoform	9.75	173	2540	2.022	µg/L #	97
60) Isopropylbenzene	9.95	105	15063	2.175	µg/L	99
61) 1,2,3-Trichloropropane	10.30	75	5192	2.663	µg/L	99
62) 1,3,5-Trimethylbenzene	10.56	105	11387	2.031	µg/L	98
63) 1,2,4-Trimethylbenzene	10.94	105	11215	1.948	µg/L	98
64) 1,3-Dichlorobenzene	11.21	146	8324	2.365	µg/L	99
65) 1,4-Dichlorobenzene	11.30	146	9920	2.689	µg/L	96
67) 1,2-Dichlorobenzene	11.66	146	9576	2.706	µg/L	97
68) 1,2-Dibromo-3-chloropropan	12.45	75	1254	2.545	µg/L	89
69) 1,3,5-Trichlorobenzene	12.67	180	6042	2.201	µg/L	98
70) 1,2,4-trichlorobenzene	13.29	180	5096	2.072	µg/L	93
71) Naphthalene	13.53	128	10412	1.632	µg/L	99
72) 1,2,3-Trichlorobenzene	13.77	180	4618	1.868	µg/L	95

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



#2

Dichlorodifluoromethane

Concen: 2.205 ug/L

RT: 1.14 min Scan# 14

Delta R.T. -0.00 min

Lab File: VV018689.D

Acq: 06 Oct 2020 12:56

Instrument :

MSVOA_V

ClientSampleId :

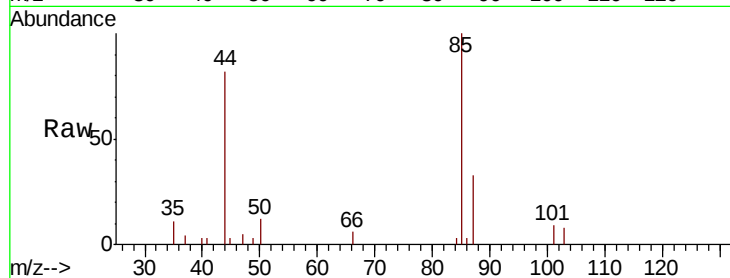
MDL01

Tot Ion: 85 Resp: 3889

Ion Ratio Lower Upper

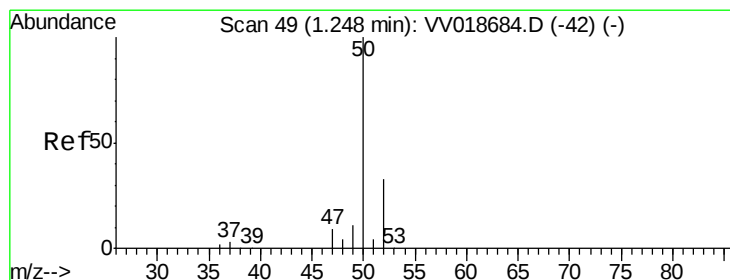
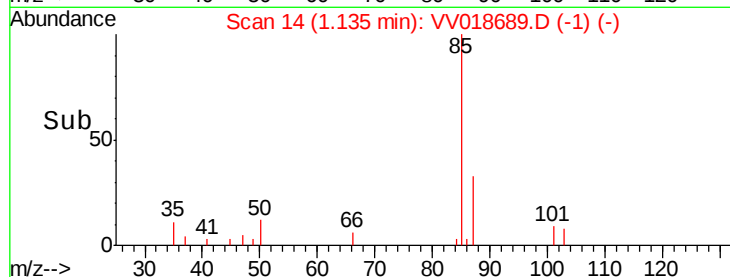
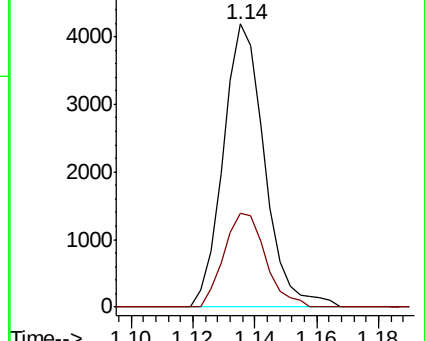
85 100

87 33.5 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VV018689.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VV018689.D (-7) (-)



#3

Chloromethane

Concen: 2.217 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV018689.D

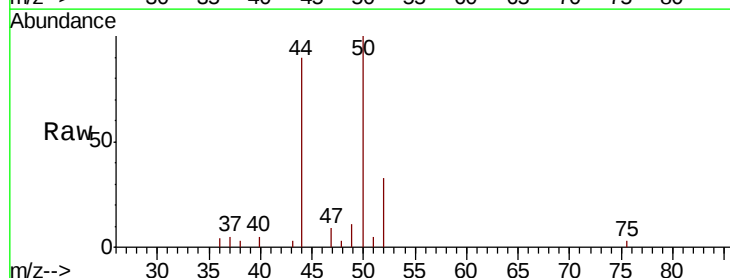
Acq: 06 Oct 2020 12:56

Tgt Ion: 50 Resp: 4336

Ion Ratio Lower Upper

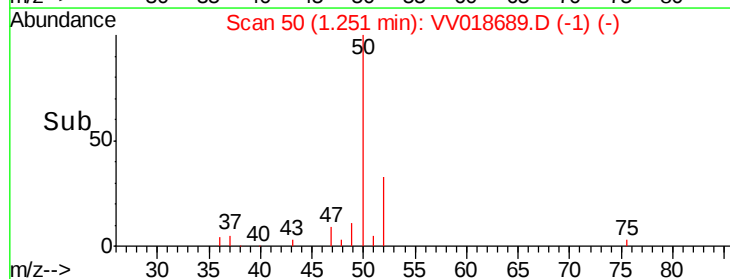
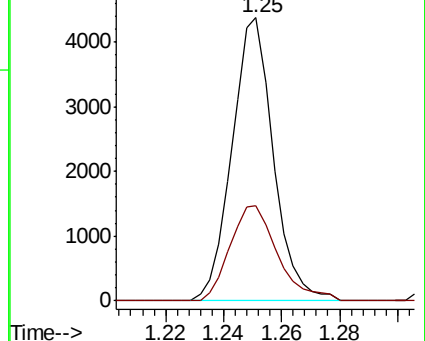
50 100

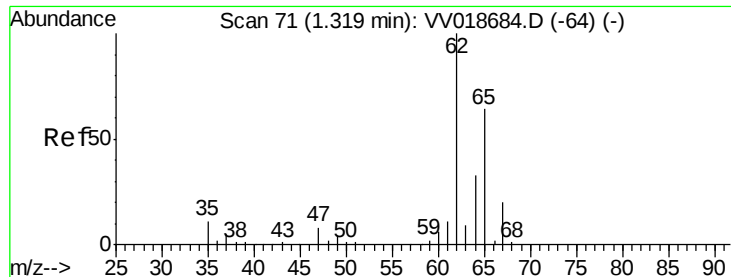
52 33.5 22.5 41.9



Abundance Ion 50.00 (49.70 to 50.70): VV018689.D (-42) (-)

Ion 52.00 (51.70 to 52.70): VV018689.D (-42) (-)





#5

Vinyl chloride

Concen: 2.845 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018689.D

Acq: 06 Oct 2020 12:56

Instrument :

MSVOA_V

ClientSampleId :

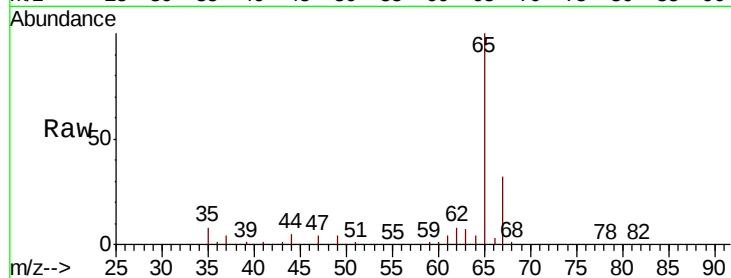
MDL01

Tot Ion: 62 Resp: 5695

Ion Ratio Lower Upper

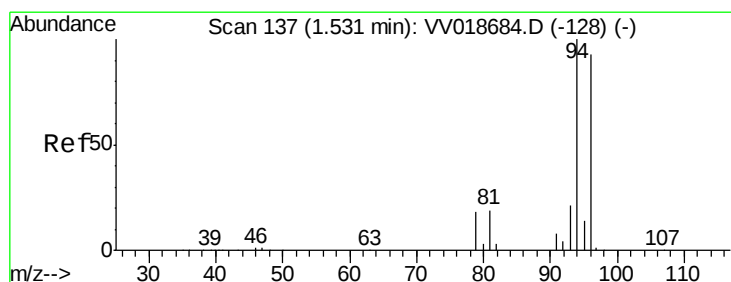
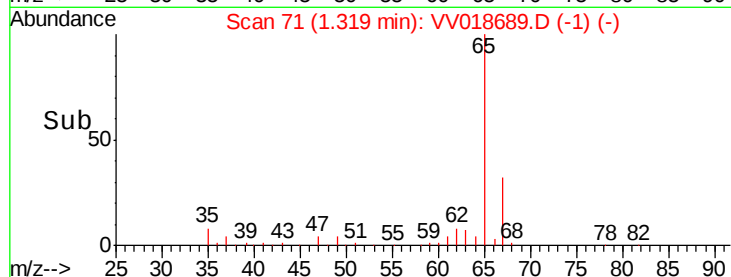
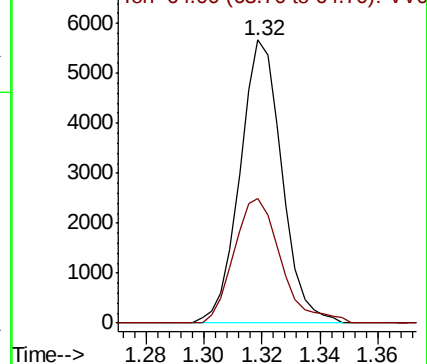
62 100

64 43.9 22.9 42.5#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#6

Bromomethane

Concen: 2.691 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: VV018689.D

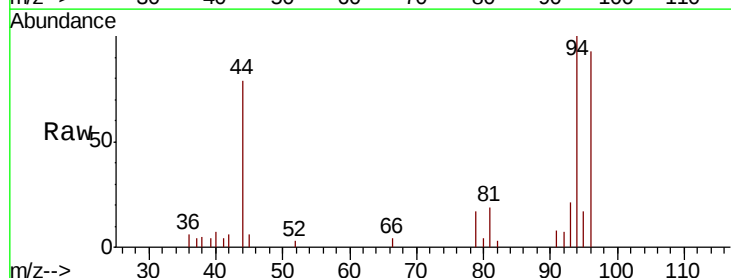
Acq: 06 Oct 2020 12:56

Tgt Ion: 94 Resp: 3423

Ion Ratio Lower Upper

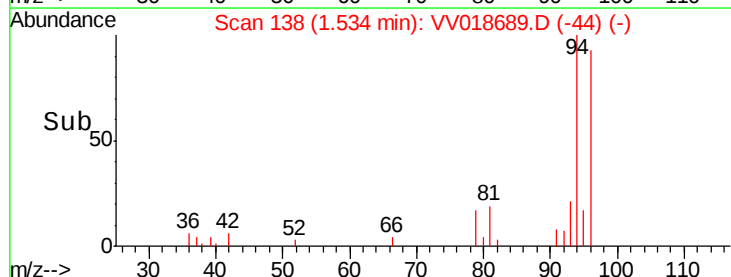
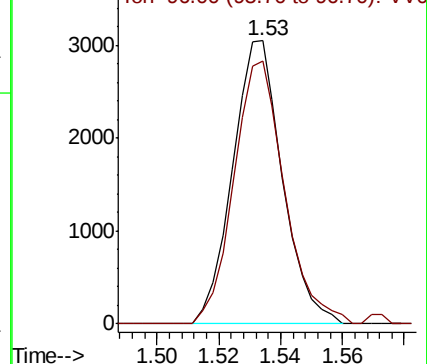
94 100

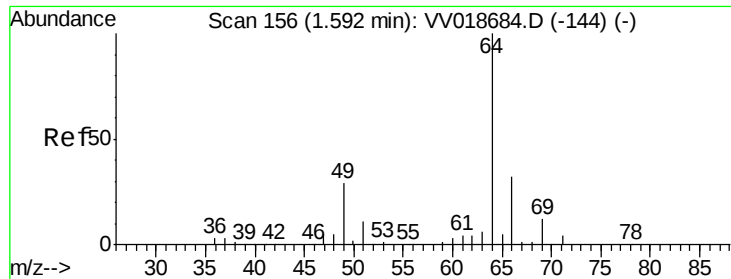
96 92.7 65.4 121.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 2.361 ug/L

RT: 1.60 min Scan# 157

Delta R.T. 0.00 min

Lab File: VV018689.D

Acq: 06 Oct 2020 12:56

Instrument :

MSVOA_V

ClientSampled :

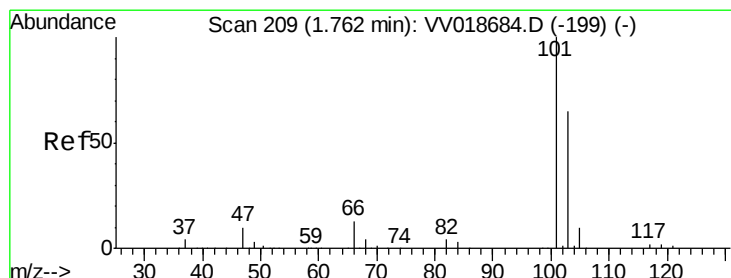
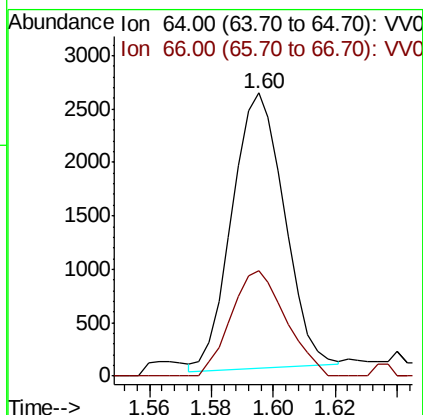
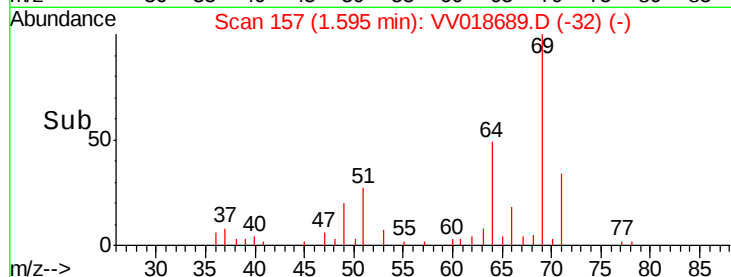
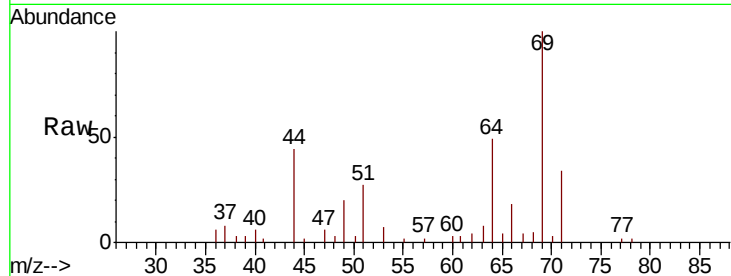
MDL01

Tot Ion: 64 Resp: 3046

Ion Ratio Lower Upper

64 100

66 37.2 23.0 42.6



#9

Trichlorofluoromethane

Concen: 2.733 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

Lab File: VV018689.D

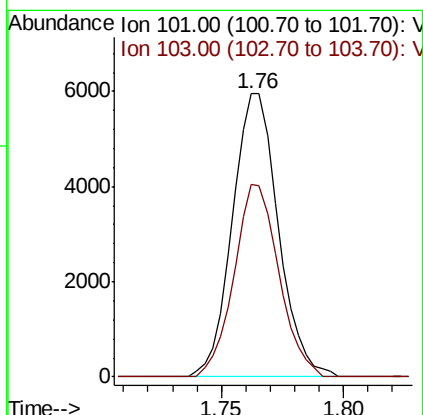
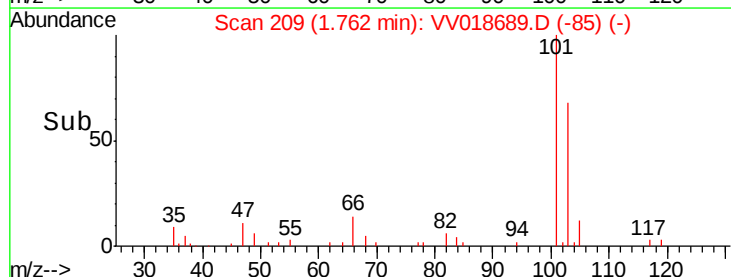
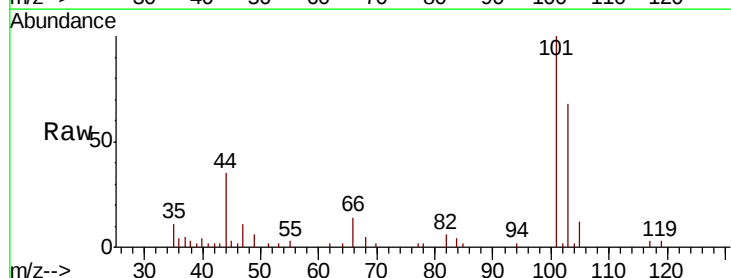
Acq: 06 Oct 2020 12:56

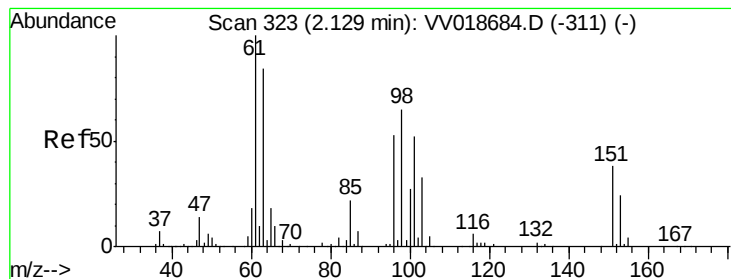
Tgt Ion: 101 Resp: 7779

Ion Ratio Lower Upper

101 100

103 66.2 52.1 78.1





#10

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

Concen: 3.087 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV018689.D

Acq: 06 Oct 2020 12:56

Instrument :

MSVOA_V

ClientSampleId :

MDL01

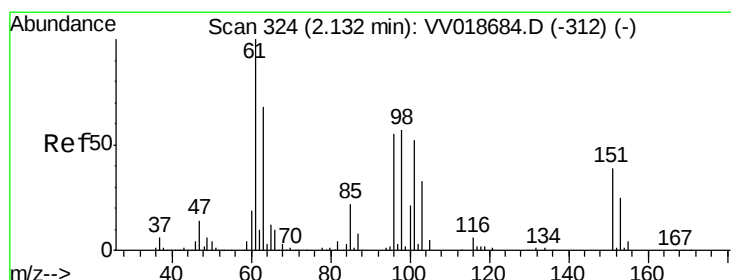
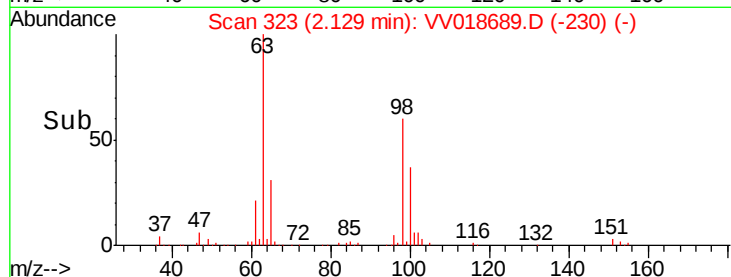
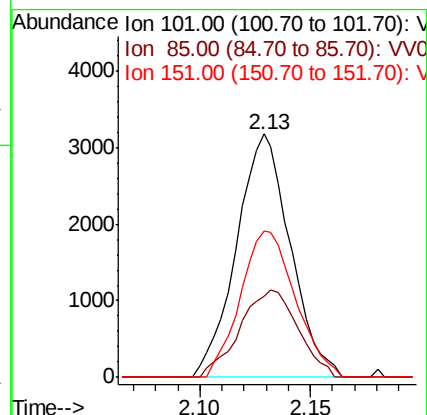
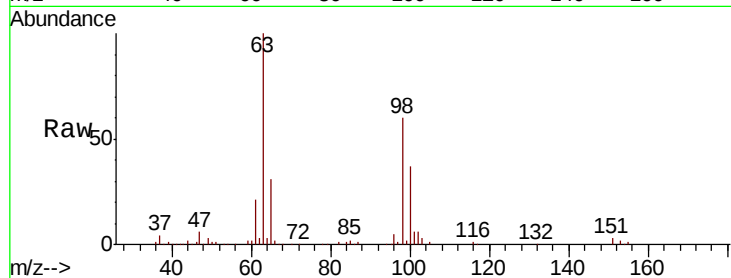
Tot Ion:101 Resp: 5386

Ion Ratio Lower Upper

101 100

85 38.8 34.6 51.8

151 61.5 62.4 93.6#



#12

1,1-Dichloroethene

Concen: 2.902 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV018689.D

Acq: 06 Oct 2020 12:56

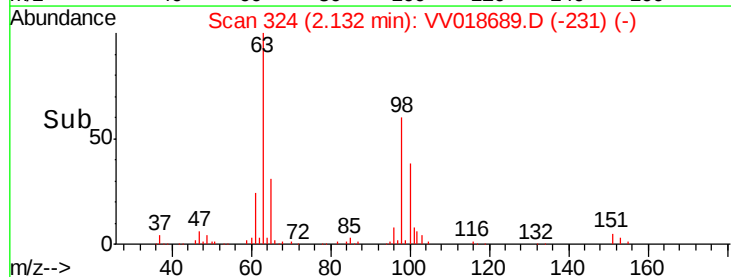
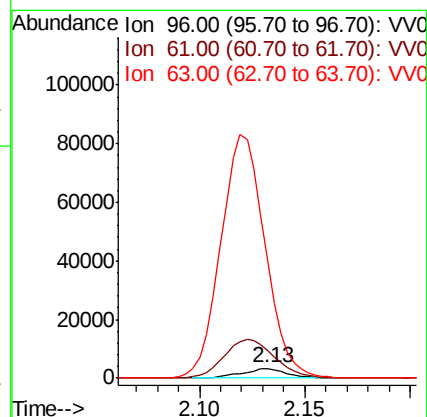
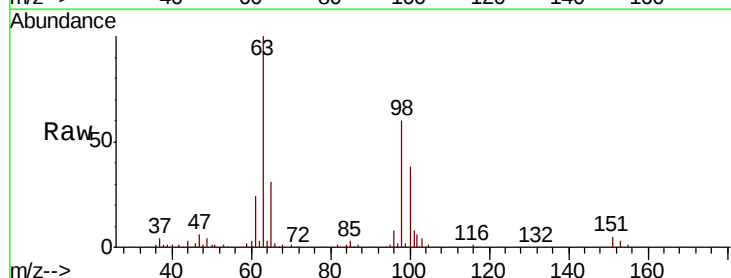
Tgt Ion: 96 Resp: 4815

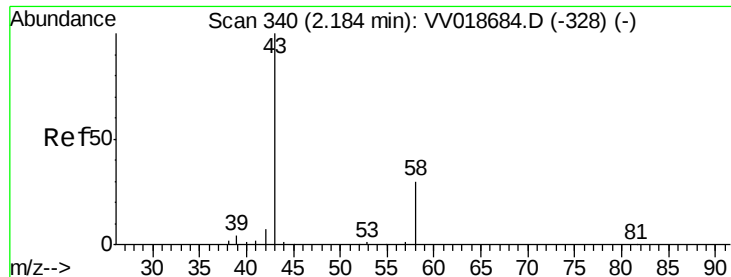
Ion Ratio Lower Upper

96 100

61 293.3 121.0 224.8#

63 1227.6 93.0 172.6#





#13

Acetone

Concen: 2.181 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.02 min

Lab File: VV018689.D

Acq: 06 Oct 2020 12:56

Instrument :

MSVOA_V

ClientSampleId :

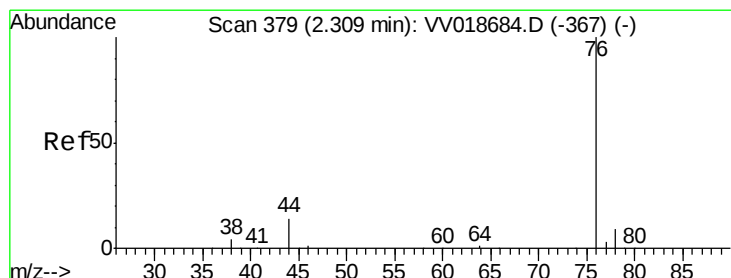
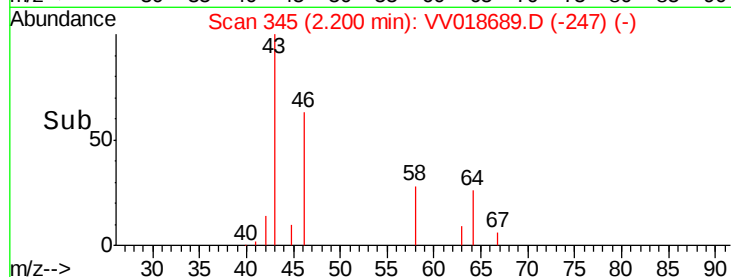
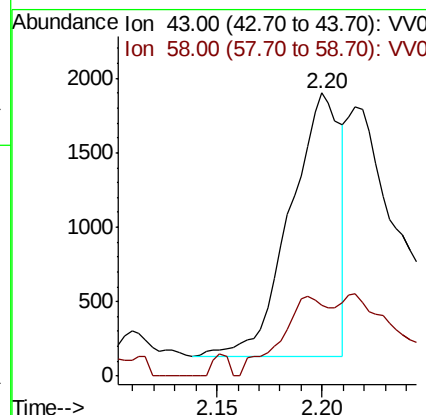
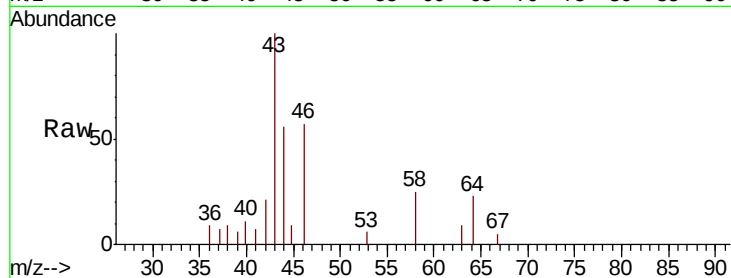
MDL01

Tot Ion: 43 Resp: 2932

Ion Ratio Lower Upper

43 100

58 28.2 0.0 65.8



#14

Carbon disulfide

Concen: 2.748 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VV018689.D

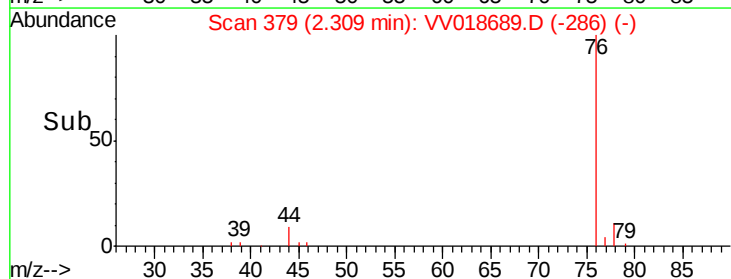
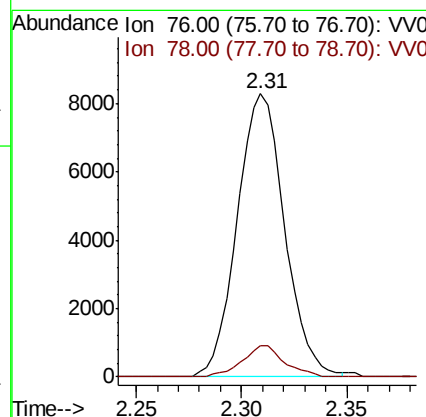
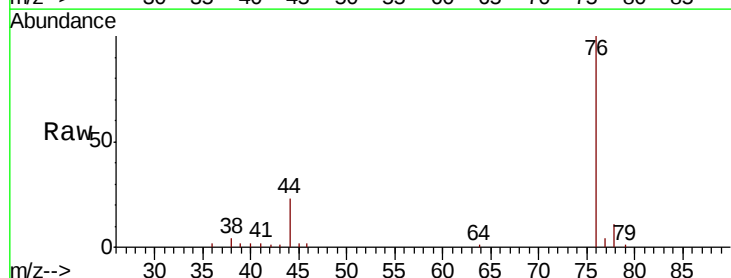
Acq: 06 Oct 2020 12:56

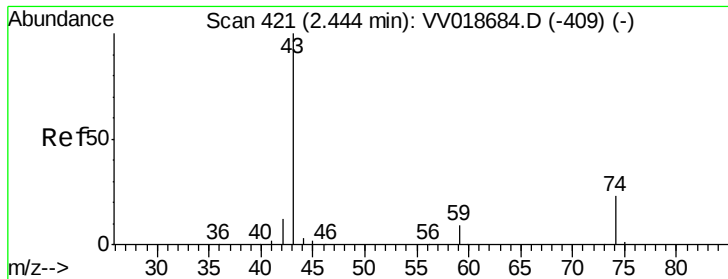
Tgt Ion: 76 Resp: 12947

Ion Ratio Lower Upper

76 100

78 10.9 7.2 10.8#

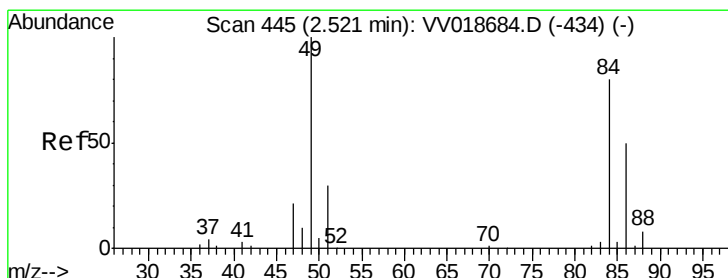
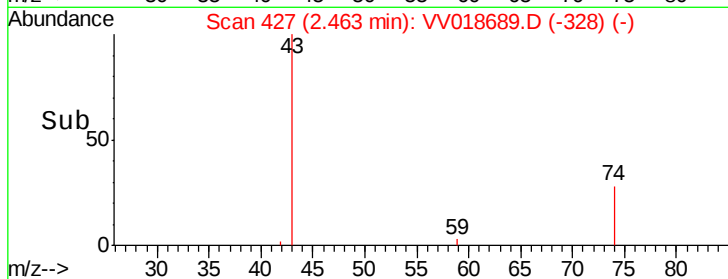
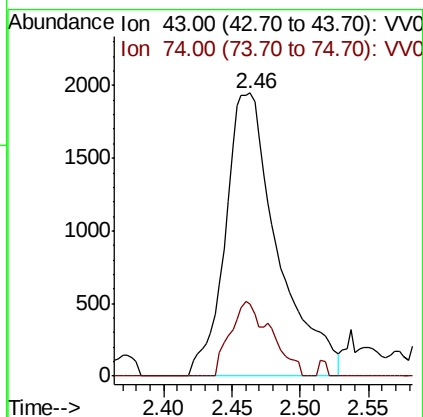
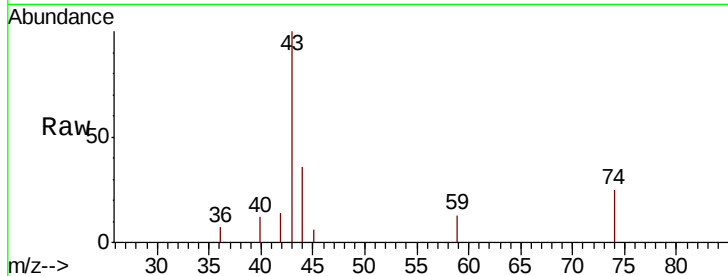




#15
Methvl Acetate
Concen: 2.918 ug/L
RT: 2.46 min Scan# 427
Delta R.T. 0.02 min
Lab File: VV018689.D
Acq: 06 Oct 2020 12:56

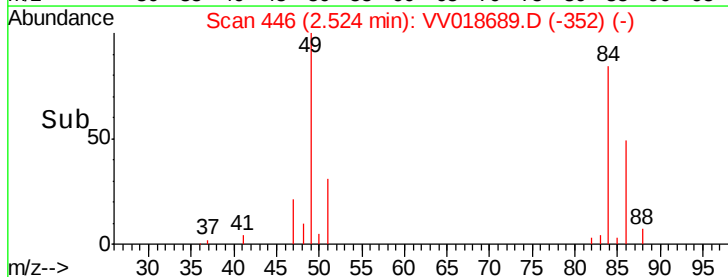
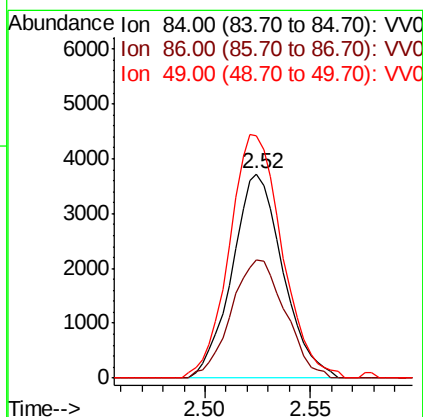
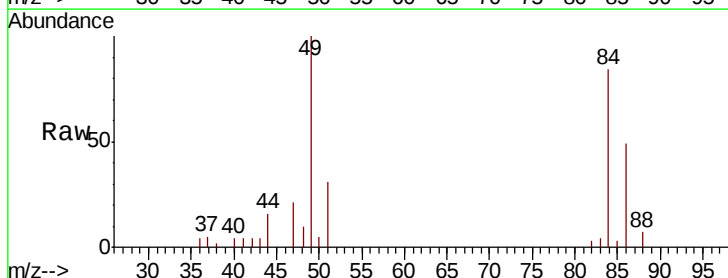
Instrument :
MSVOA_V
ClientSampleId :
MDL01

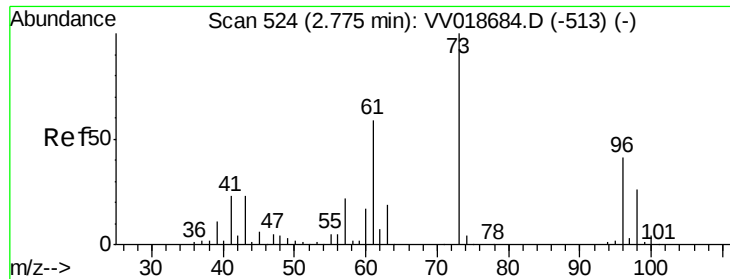
Tot Ion: 43 Resp: 5177
Ion Ratio Lower Upper
43 100
74 14.8 18.4 27.6#



#16
Methylene chloride
Concen: 3.325 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV018689.D
Acq: 06 Oct 2020 12:56

Tgt Ion: 84 Resp: 6246
Ion Ratio Lower Upper
84 100
86 58.0 46.0 85.4
49 119.0 87.5 162.5

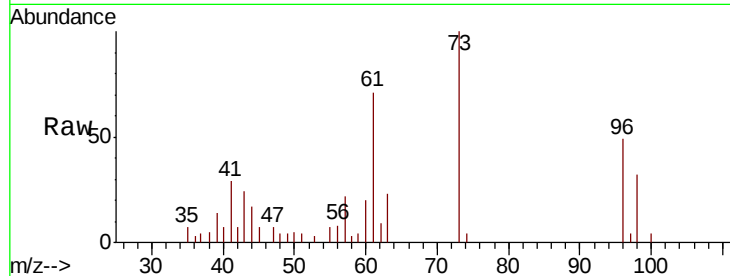




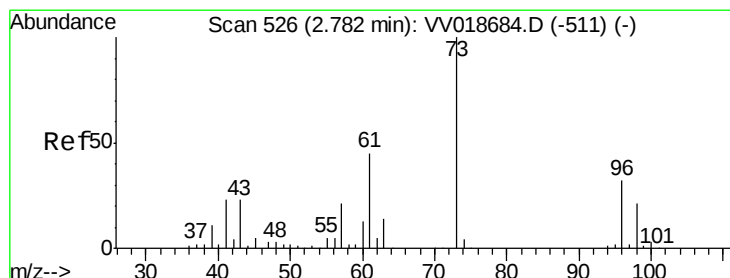
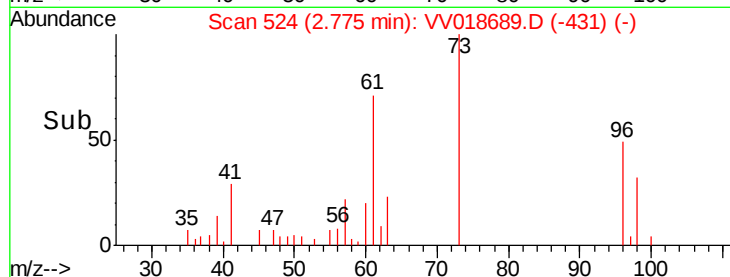
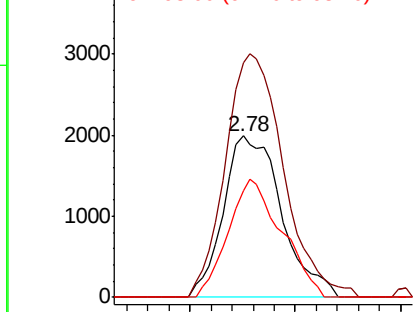
#17
trans-1,2-Dichloroethene
Concen: 2.273 ug/L
RT: 2.78 min Scan# 524
Delta R.T. -0.00 min
Lab File: VV018689.D
Acq: 06 Oct 2020 12:56

Instrument :
MSVOA_V
ClientSampled :
MDL01

Tot Ion: 96 Resp: 3818
Ion Ratio Lower Upper
96 100
61 145.0 98.3 182.5
98 66.4 43.5 80.7

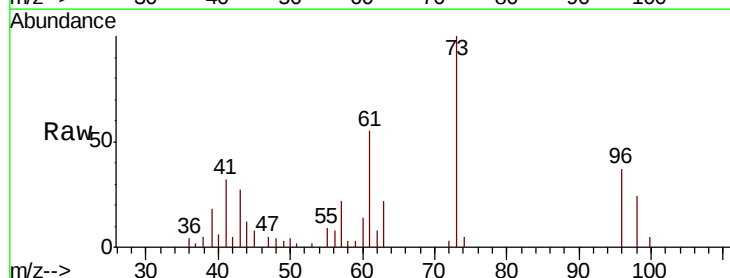


Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

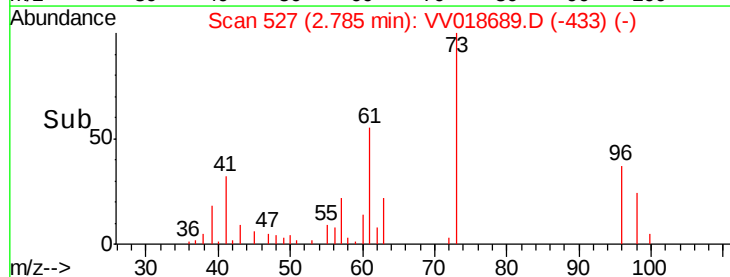
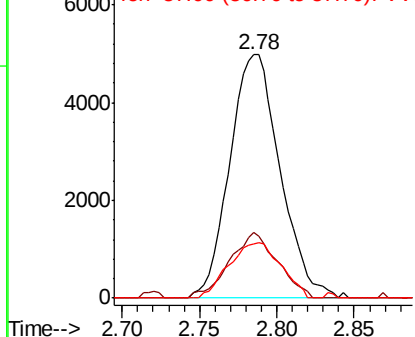


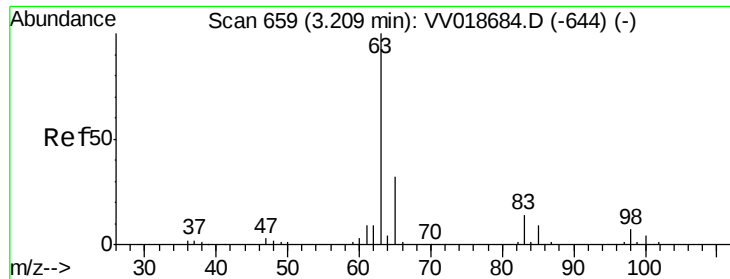
#18
Methyl tert-butyl Ether
Concen: 2.160 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.00 min
Lab File: VV018689.D
Acq: 06 Oct 2020 12:56

Tgt Ion: 73 Resp: 11274
Ion Ratio Lower Upper
73 100
43 25.7 15.4 23.2#
57 23.4 17.8 26.6



Abundance Ion 73.00 (72.70 to 73.70): VV0
Ion 43.00 (42.70 to 43.70): VV0
Ion 57.00 (56.70 to 57.70): VV0

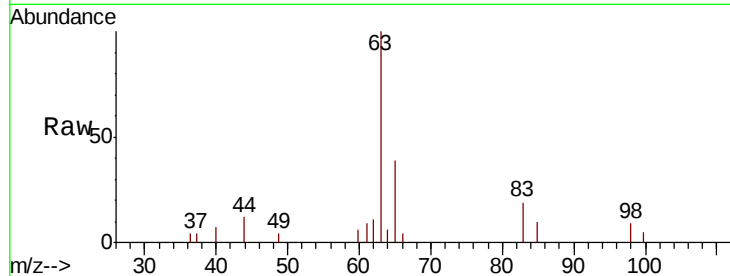




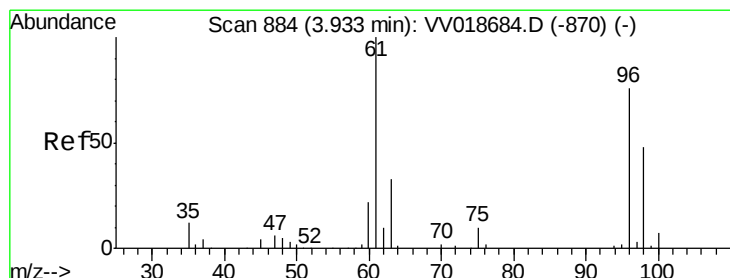
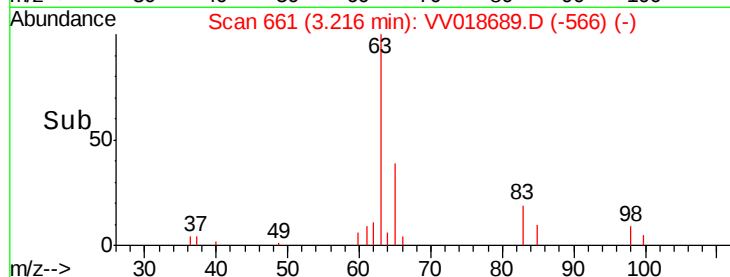
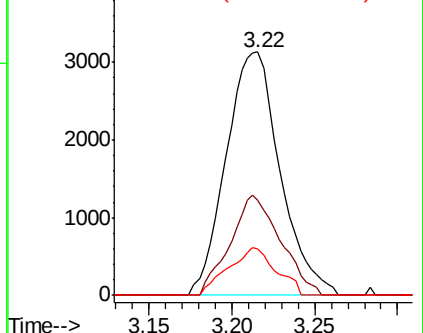
#19
 1,1-Dichloroethane
 Concen: 2.178 ug/L
 RT: 3.22 min Scan# 661
 Delta R.T. 0.01 min
 Lab File: VV018689.D
 Acq: 06 Oct 2020 12:56

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Tot Ion: 63 Resp: 7101
 Ion Ratio Lower Upper
 63 100
 65 39.1 21.8 40.6
 83 19.1 9.2 17.2#

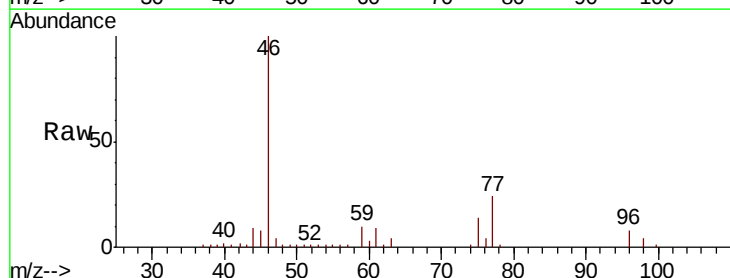


Abundance Ion 63.00 (62.70 to 63.70): VV0
 Ion 65.00 (64.70 to 65.70): VV0
 Ion 83.00 (82.70 to 83.70): VV0

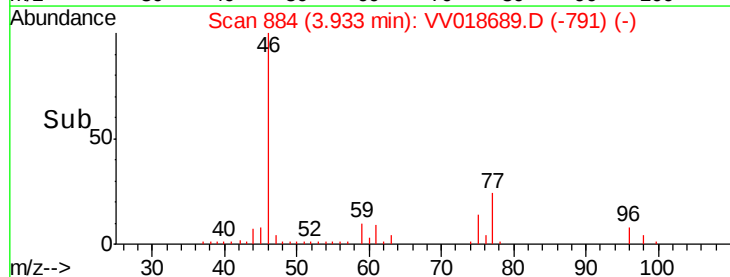
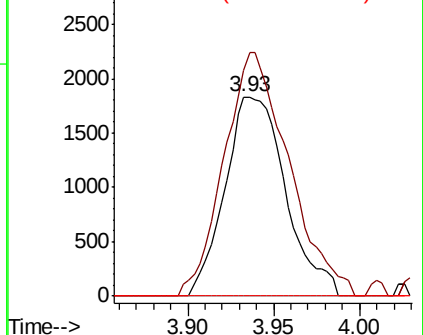


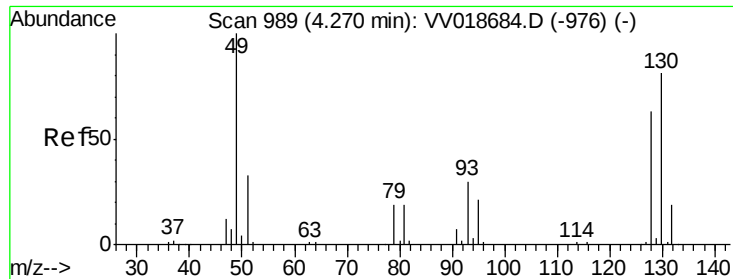
#20
 cis-1,2-Dichloroethene
 Concen: 2.483 ug/L
 RT: 3.93 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: VV018689.D
 Acq: 06 Oct 2020 12:56

Tgt Ion: 96 Resp: 4496
 Ion Ratio Lower Upper
 96 100
 61 113.5 90.4 167.8
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0





#23

Bromochloromethane

Concen: 2.174 ug/L

RT: 4.28 min Scan# 993

Delta R.T. 0.01 min

Lab File: VV018689.D

Acq: 06 Oct 2020 12:56

Instrument :
MSVOA_V
ClientSampled :
MDL01

Tot Ion:128 Resp: 2108

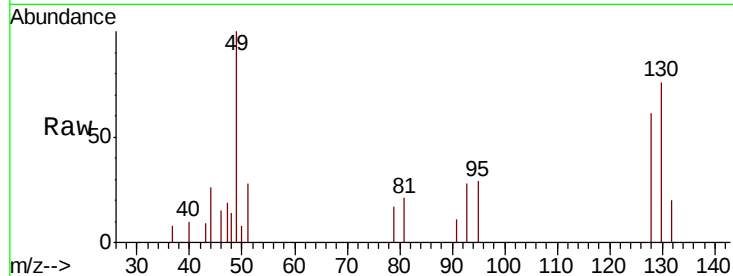
Ion Ratio Lower Upper

128 100

49 164.6 120.3 223.3

130 125.6 91.3 169.5

51 45.4 43.1 64.7

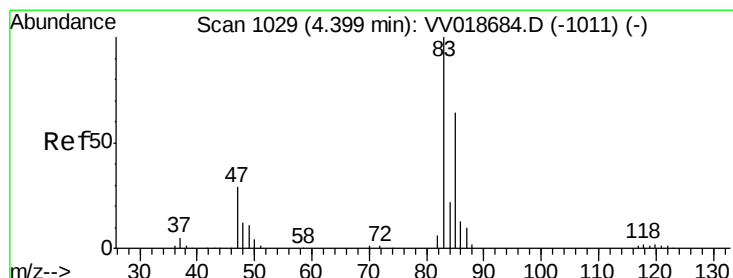
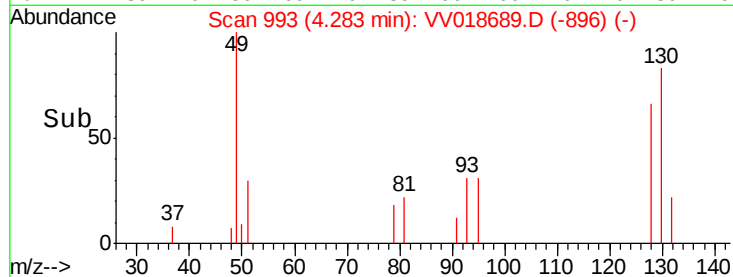
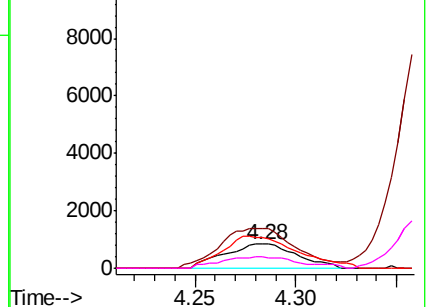


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VV0

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VV0



#25

Chloroform

Concen: 3.067 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VV018689.D

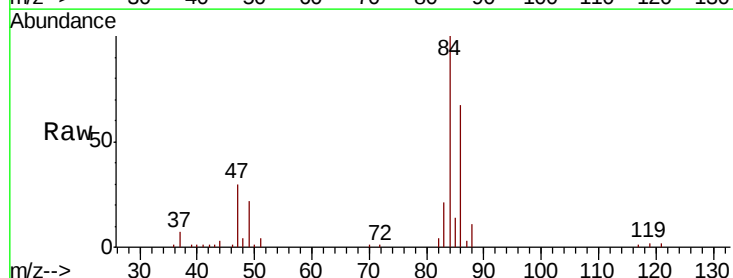
Acq: 06 Oct 2020 12:56

Tgt Ion: 83 Resp: 10112

Ion Ratio Lower Upper

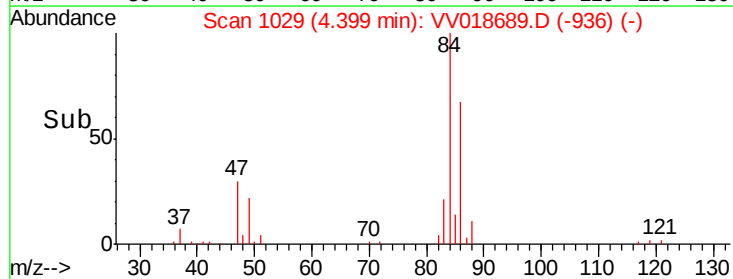
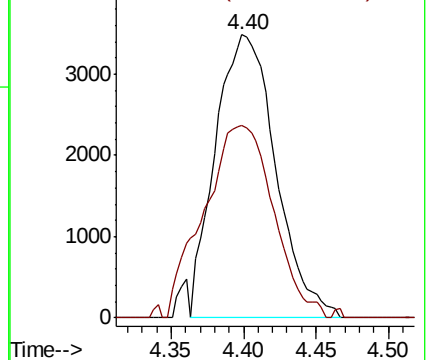
83 100

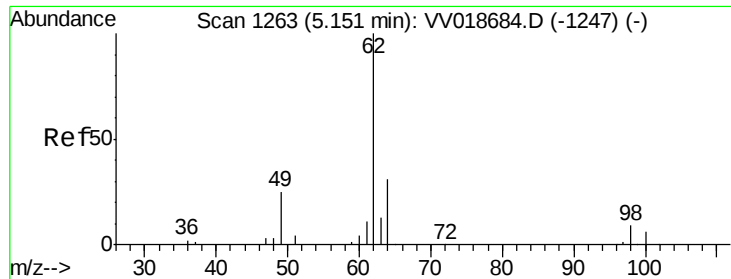
85 67.8 45.2 84.0



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

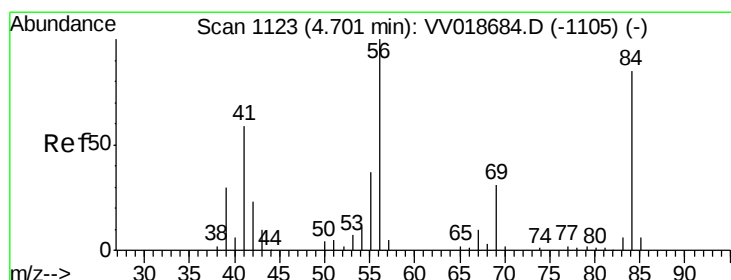
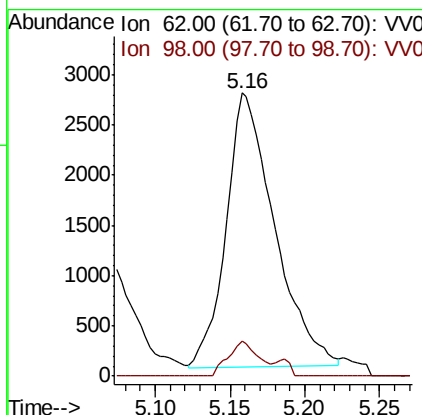
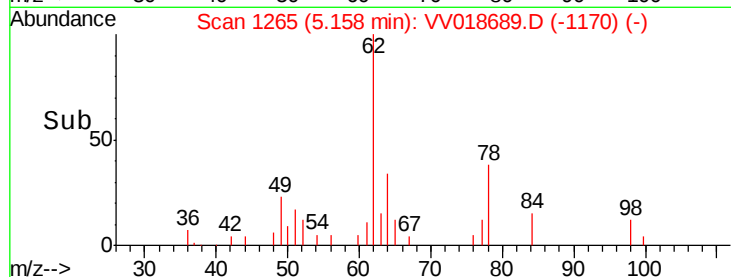
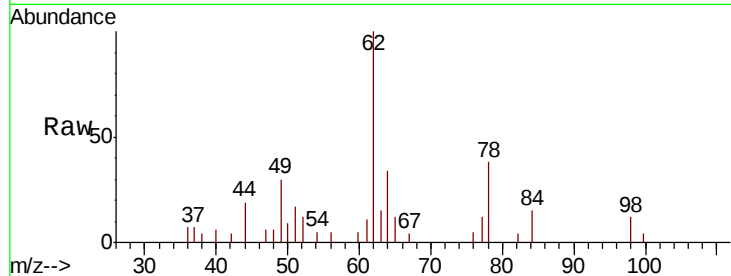




#27
 1,2-Dichloroethane
 Concen: 2.415 ug/L
 RT: 5.16 min Scan# 1265
 Delta R.T. 0.01 min
 Lab File: VV018689.D
 Acq: 06 Oct 2020 12:56

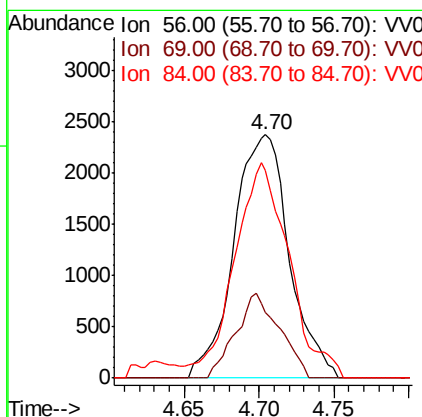
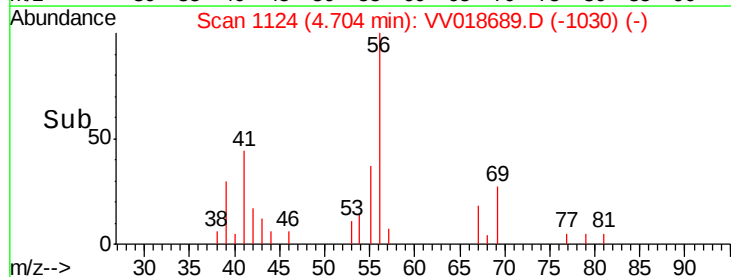
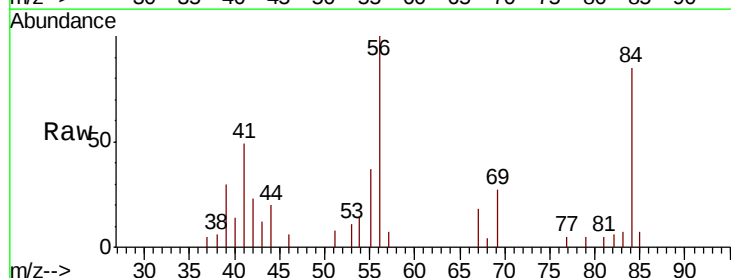
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

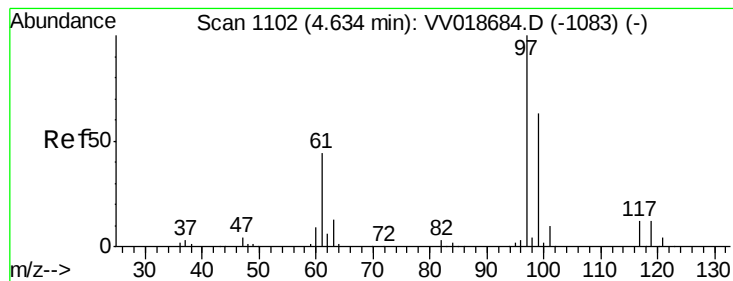
Tot Ion: 62 Resp: 6168
 Ion Ratio Lower Upper
 62 100
 98 12.3 7.4 11.2#



#29
 Cyclohexane
 Concen: 2.209 ug/L
 RT: 4.70 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: VV018689.D
 Acq: 06 Oct 2020 12:56

Tgt Ion: 56 Resp: 6103
 Ion Ratio Lower Upper
 56 100
 69 27.4 24.4 36.6
 84 86.8 68.6 102.8





#30

1,1,1-Trichloroethane

Concen: 2.319 ug/L

RT: 4.64 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VV018689.D

Acq: 06 Oct 2020 12:56

Instrument :

MSVOA_V

ClientSampleId :

MDL01

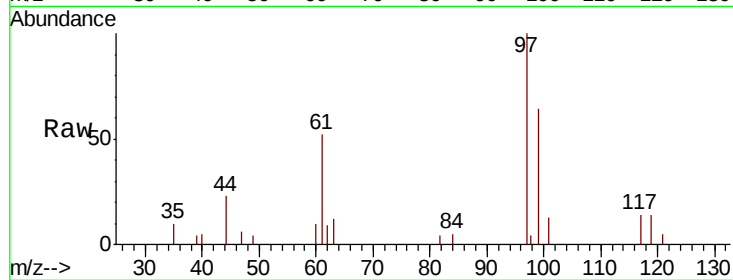
Tot Ion: 97 Resp: 6771

Ion Ratio Lower Upper

97 100

99 66.4 50.7 76.1

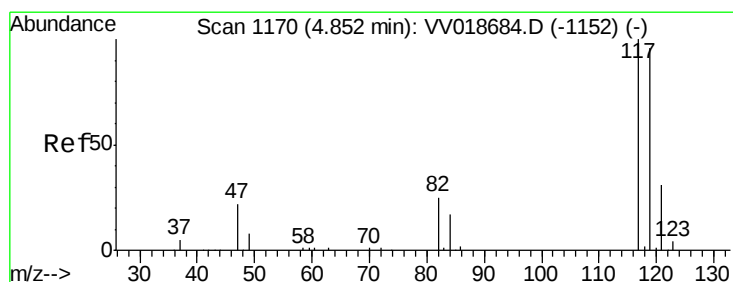
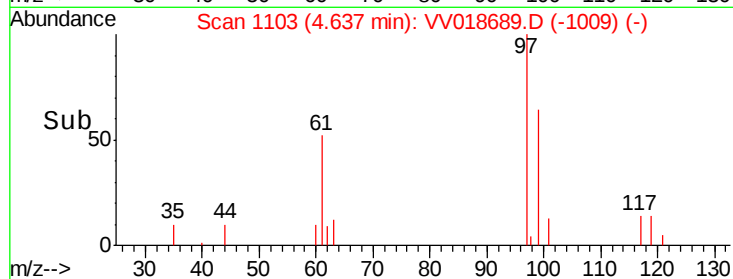
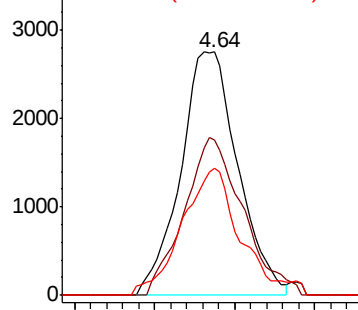
61 51.1 35.0 52.6



Abundance Ion 97.00 (96.70 to 97.70): VV018689.D (-1083) (-)

Ion 99.00 (98.70 to 99.70): VV018689.D (-1083) (-)

Ion 61.05 (60.75 to 61.75): VV018689.D (-1083) (-)



#31

Carbon tetrachloride

Concen: 2.408 ug/L

RT: 4.85 min Scan# 1170

Delta R.T. -0.00 min

Lab File: VV018689.D

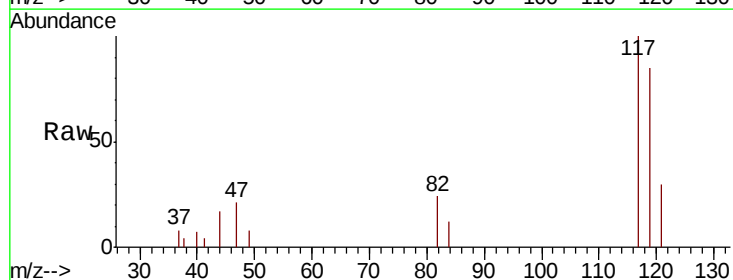
Acq: 06 Oct 2020 12:56

Tgt Ion: 117 Resp: 6130

Ion Ratio Lower Upper

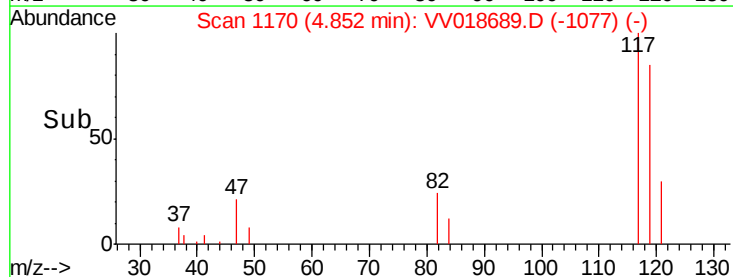
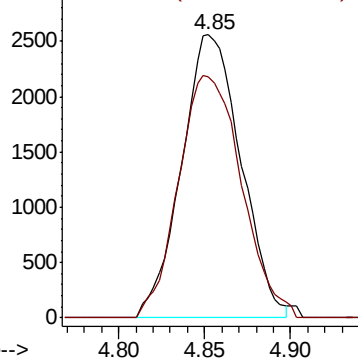
117 100

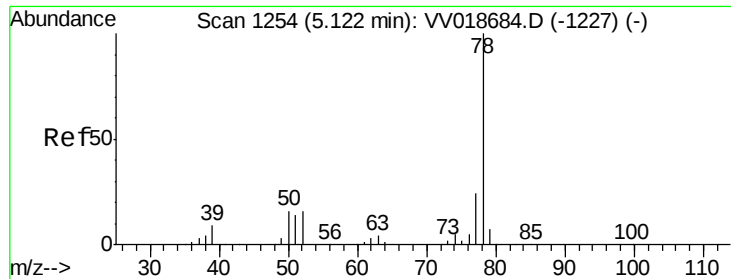
119 91.0 76.7 115.1



Abundance Ion 117.00 (116.70 to 117.70): VV018689.D (-1077) (-)

Ion 119.00 (118.70 to 119.70): VV018689.D (-1077) (-)





#33

Benzene

Concen: 2.298 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV018689.D

Acq: 06 Oct 2020 12:56

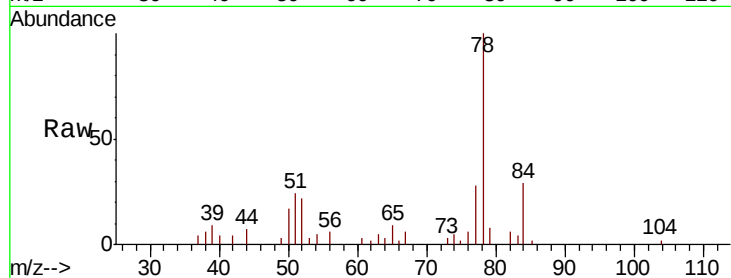
Instrument :

MSVOA_V

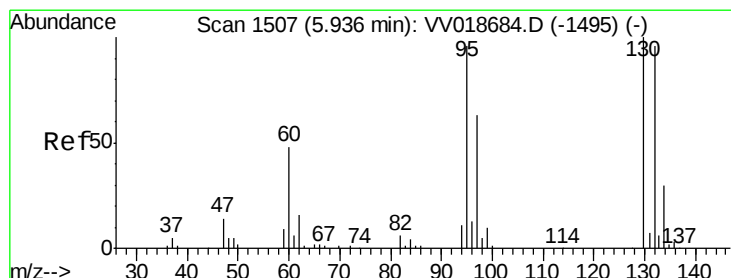
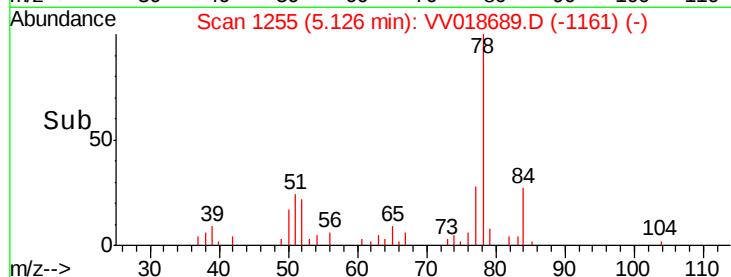
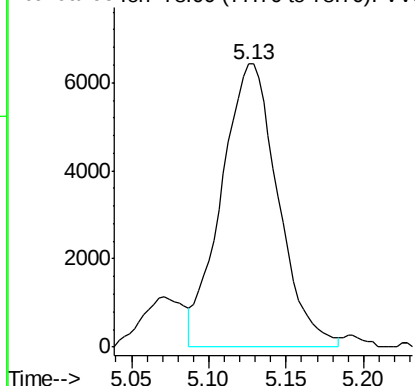
ClientSampled :

MDL01

Tgt Ion: 78 Resp: 16341



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 2.957 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV018689.D

Acq: 06 Oct 2020 12:56

Tgt Ion: 95 Resp: 5779

Ion	Ratio	Lower	Upper
95	100		
97	72.2	44.7	83.1
132	101.3	67.8	126.0
130	96.9	71.5	132.7

95 100

97 72.2 44.7 83.1

132 101.3 67.8 126.0

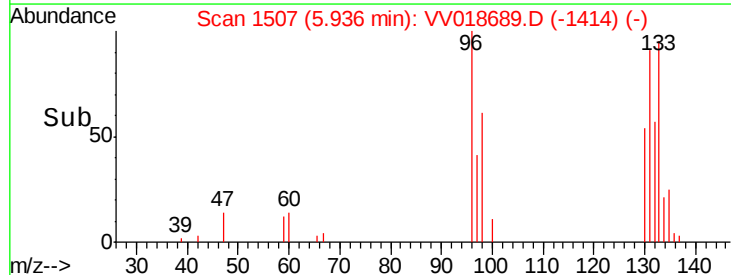
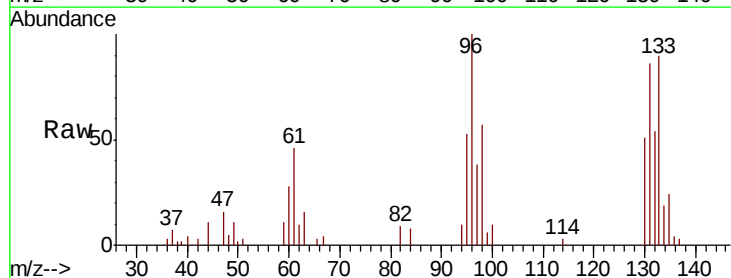
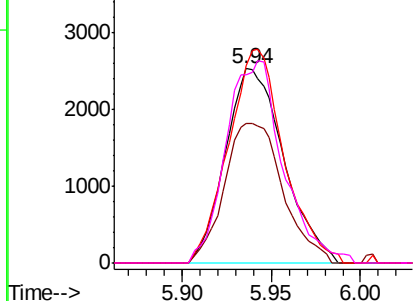
130 96.9 71.5 132.7

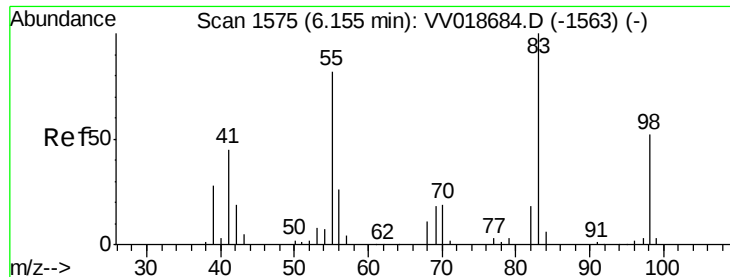
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

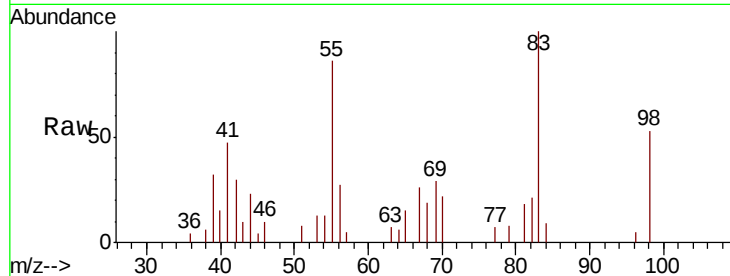




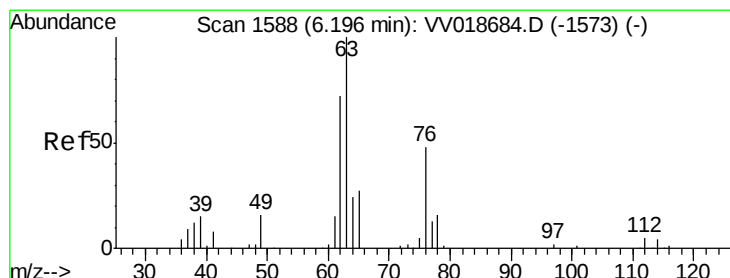
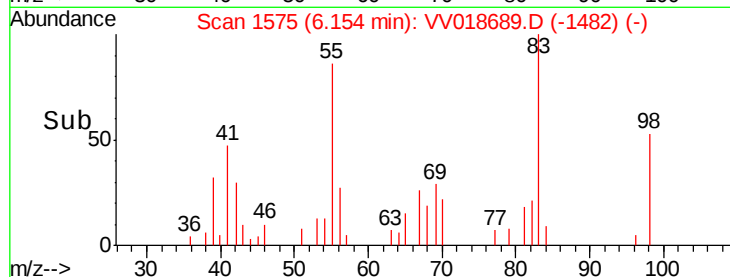
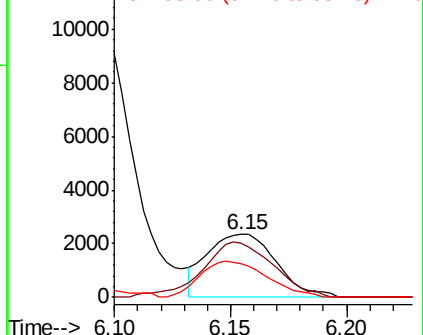
#35
Methvlcvclohexane
Concen: 1.720 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VV018689.D
Acq: 06 Oct 2020 12:56

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tot Ion: 83 Resp: 4882
Ion Ratio Lower Upper
83 100
55 89.8 63.6 95.4
98 56.1 38.6 58.0

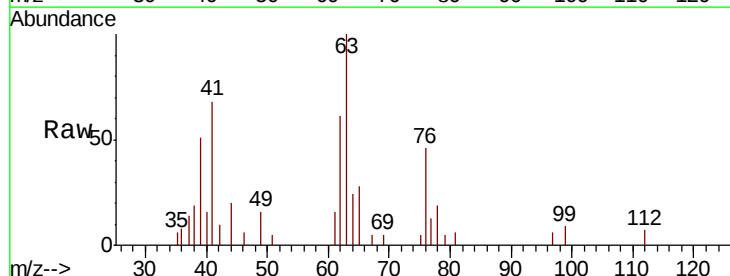


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

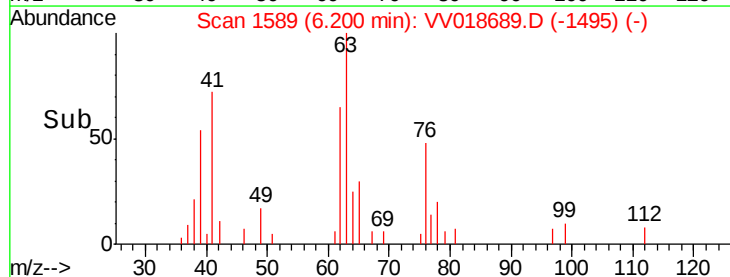
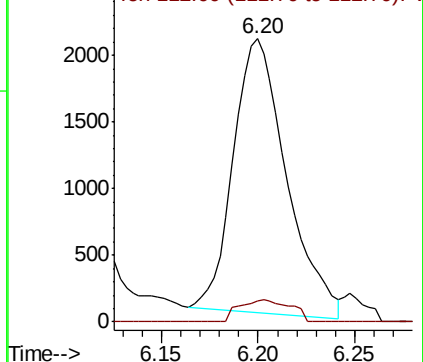


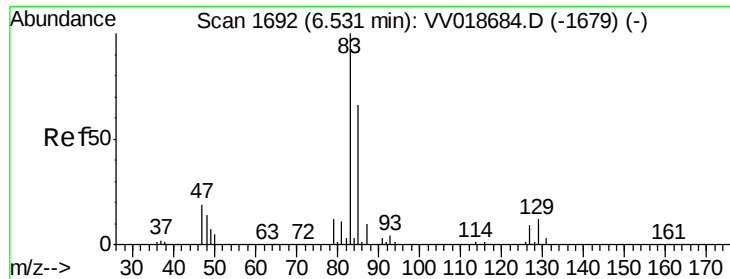
#37
1,2-Dichloropropane
Concen: 2.094 ug/L
RT: 6.20 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VV018689.D
Acq: 06 Oct 2020 12:56

Tgt Ion: 63 Resp: 3937
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V





#38

Bromodichloromethane

Concen: 2.309 ug/L

RT: 6.53 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VV018689.D

Acq: 06 Oct 2020 12:56

Instrument :

MSVOA_V

ClientSampleId :

MDL01

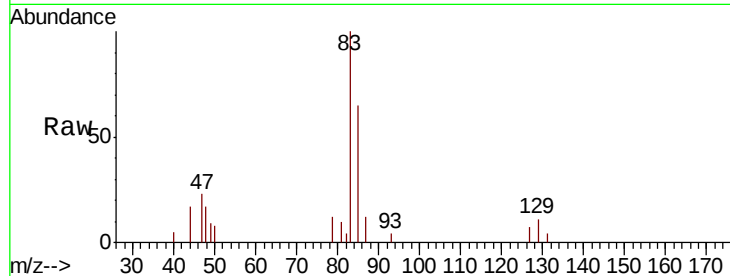
Tot Ion: 83 Resp: 5680

Ion Ratio Lower Upper

83 100

85 64.6 45.1 83.9

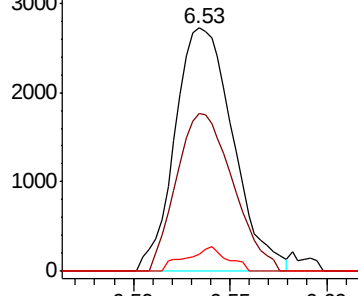
127 7.2 6.8 10.2



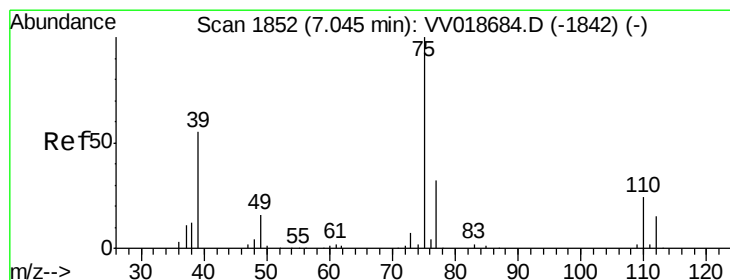
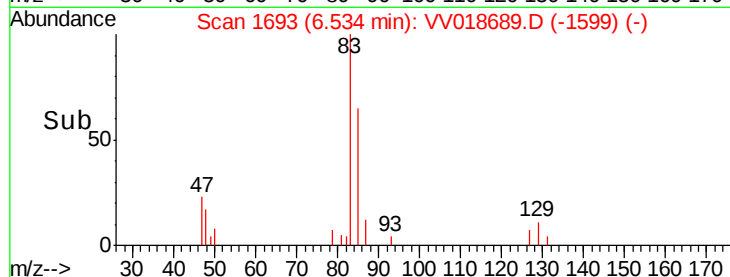
Abundance Ion 83.00 (82.70 to 83.70): VV018689.D (-1599) (-)

Ion 85.00 (84.70 to 85.70): VV018689.D (-1599) (-)

Ion 127.00 (126.70 to 127.70): VV018689.D (-1599) (-)



Time-->



#39

cis-1,3-Dichloropropene

Concen: 2.582 ug/L

RT: 7.05 min Scan# 1855

Delta R.T. 0.01 min

Lab File: VV018689.D

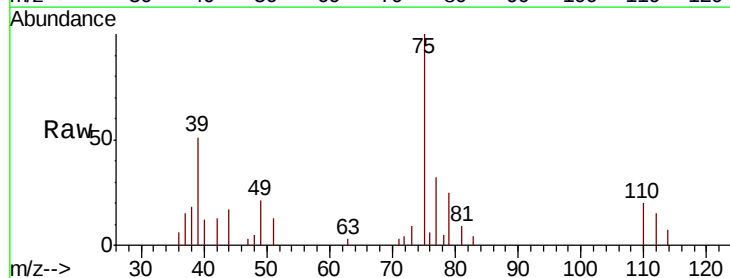
Acq: 06 Oct 2020 12:56

Tgt Ion: 75 Resp: 7282

Ion Ratio Lower Upper

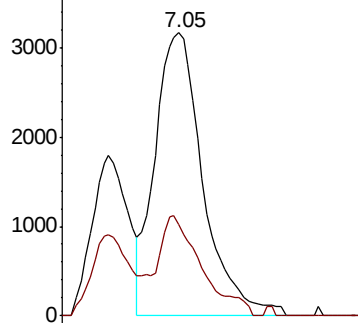
75 100

77 32.1 22.7 42.1

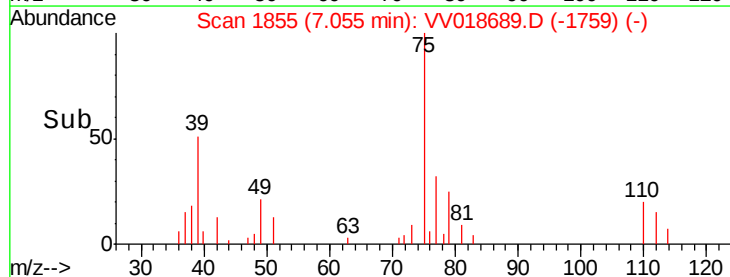


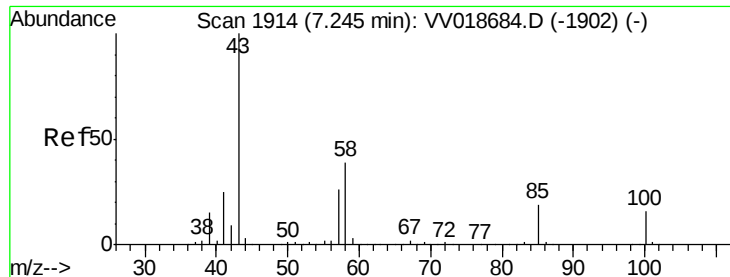
Abundance Ion 75.00 (74.70 to 75.70): VV018689.D (-1759) (-)

Ion 77.00 (76.70 to 77.70): VV018689.D (-1759) (-)



Time-->

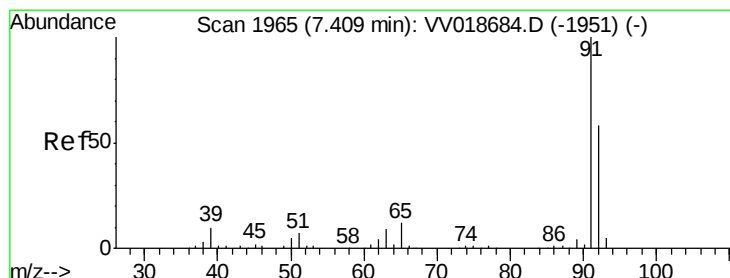
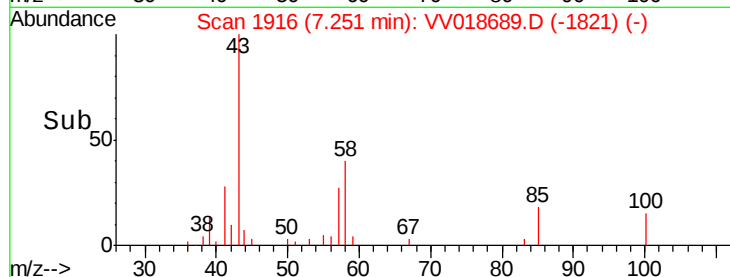
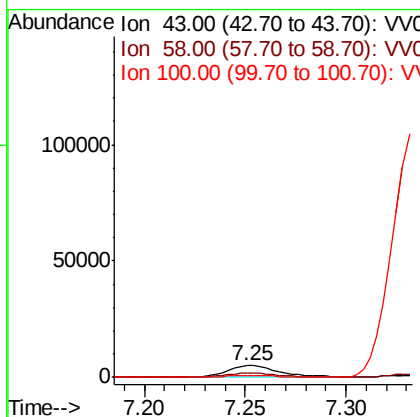
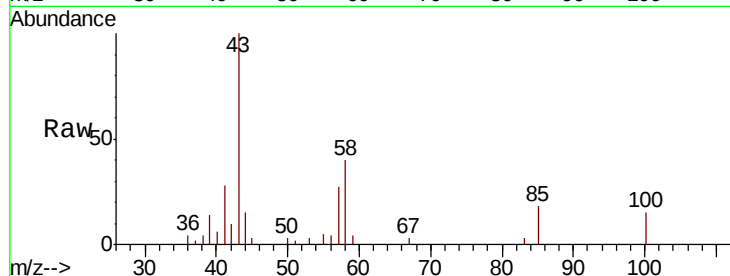




#40
4-Methyl-2-pentanone
Concen: 4.156 ug/L
RT: 7.25 min Scan# 1916
Delta R.T. 0.01 min
Lab File: VV018689.D
Acq: 06 Oct 2020 12:56

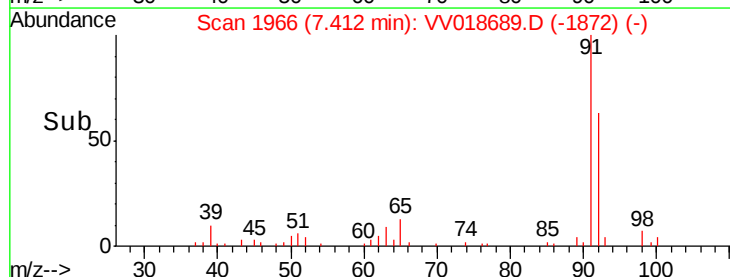
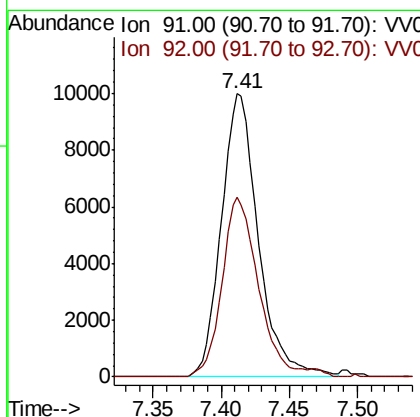
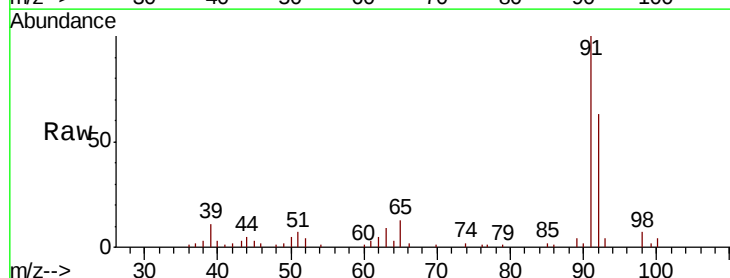
Instrument :
MSVOA_V
ClientSampleId :
MDL01

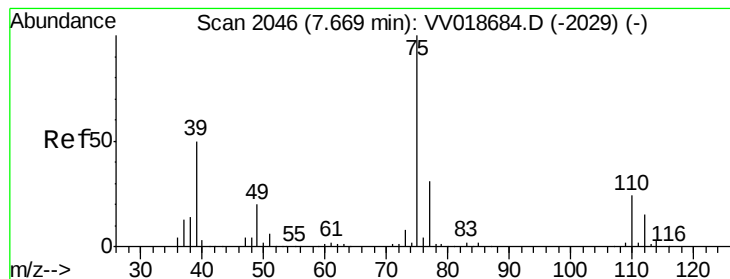
Tot Ion: 43 Resp: 9272
Ion Ratio Lower Upper
43 100
58 36.4 32.4 48.6
100 14.9 13.0 19.4



#42
Toluene
Concen: 2.523 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV018689.D
Acq: 06 Oct 2020 12:56

Tgt Ion: 91 Resp: 18818
Ion Ratio Lower Upper
91 100
92 63.4 40.7 75.7





#44

trans-1,3-Dichloropropene

Concen: 2.637 ug/L

RT: 7.68 min Scan# 2048

Delta R.T. 0.01 min

Lab File: VV018689.D

Acq: 06 Oct 2020 12:56

Instrument :

MSVOA_V

ClientSampled :

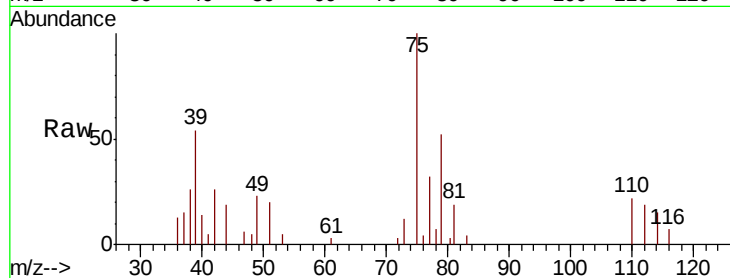
MDL01

Tot Ion: 75 Resp: 7373

Ion Ratio Lower Upper

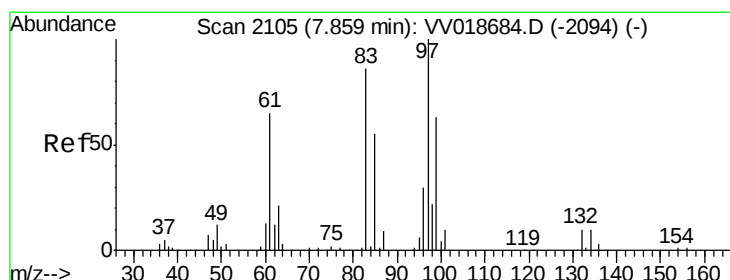
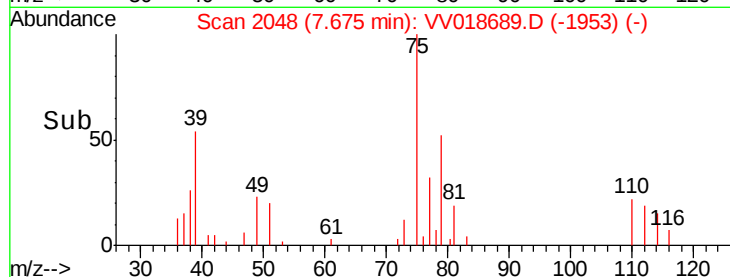
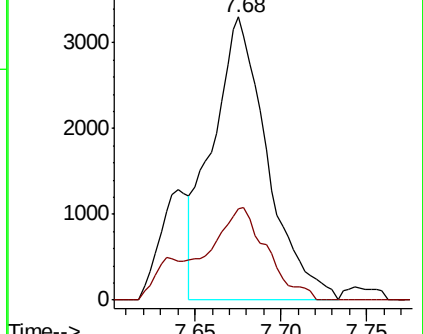
75 100

77 32.1 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#45

1,1,2-Trichloroethane

Concen: 2.230 ug/L

RT: 7.86 min Scan# 2106

Delta R.T. 0.00 min

Lab File: VV018689.D

Acq: 06 Oct 2020 12:56

Tgt Ion: 97 Resp: 3948

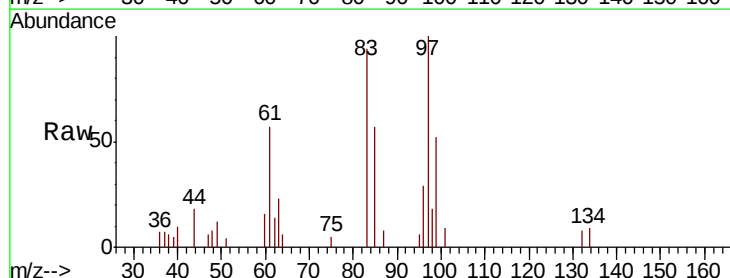
Ion Ratio Lower Upper

97 100

99 52.0 44.6 82.8

83 93.8 60.5 112.5

85 57.5 38.2 71.0

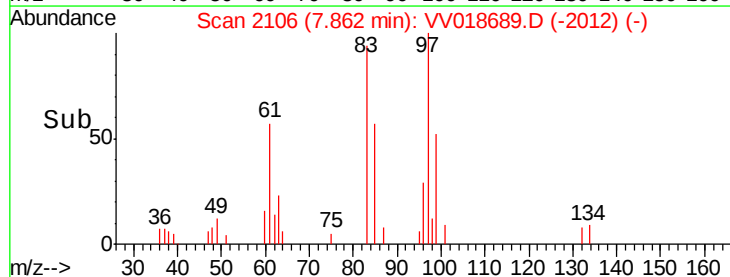
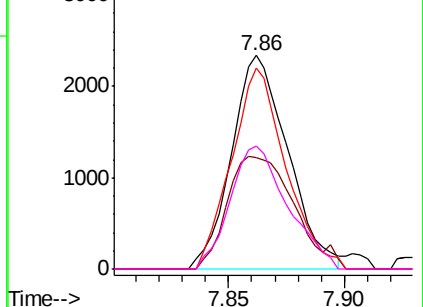


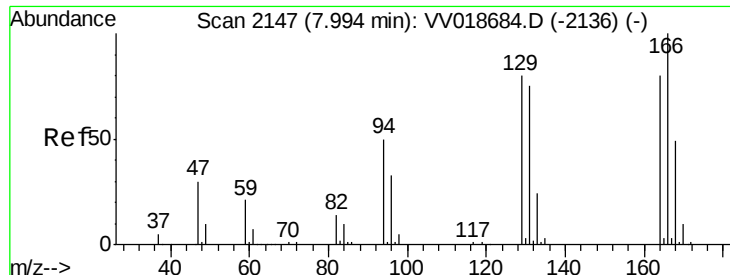
Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#46

Tetrachloroethene

Concen: 2.214 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018689.D

Acq: 06 Oct 2020 12:56

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tot Ion:164 Resp: 3389

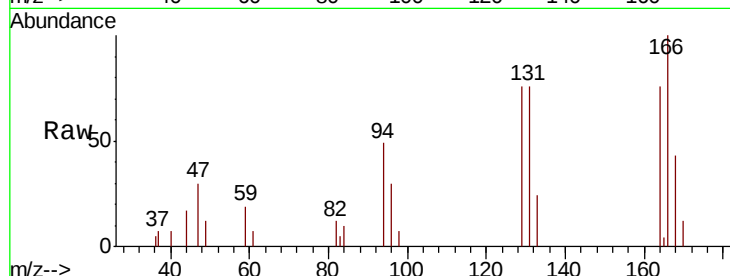
Ion Ratio Lower Upper

164 100

129 100.7 63.7 118.3

131 100.8 60.6 112.6

166 131.9 90.6 168.3

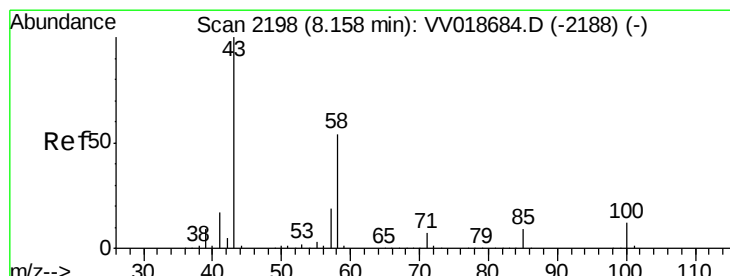
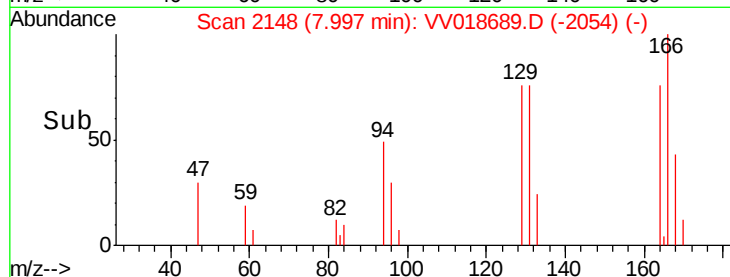
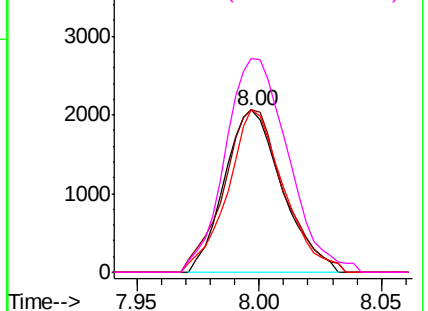


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 9.753 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV018689.D

Acq: 06 Oct 2020 12:56

Tgt Ion: 43 Resp: 18442

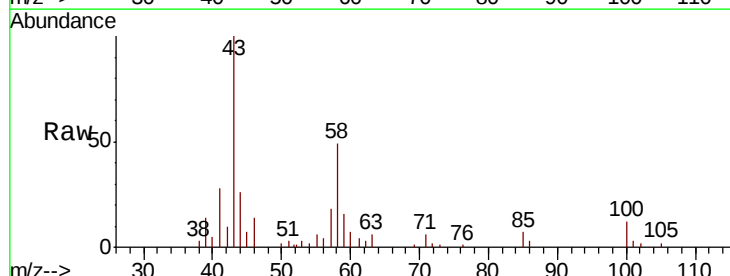
Ion Ratio Lower Upper

43 100

58 47.8 45.4 68.0

57 16.6 16.0 24.0

100 10.5 10.1 15.1

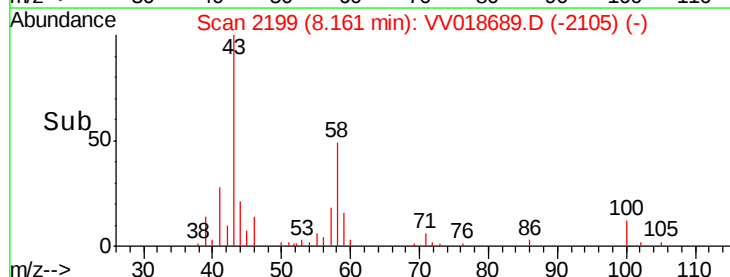
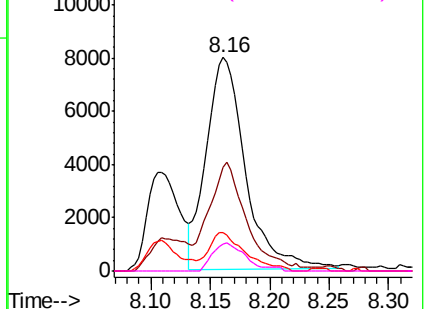


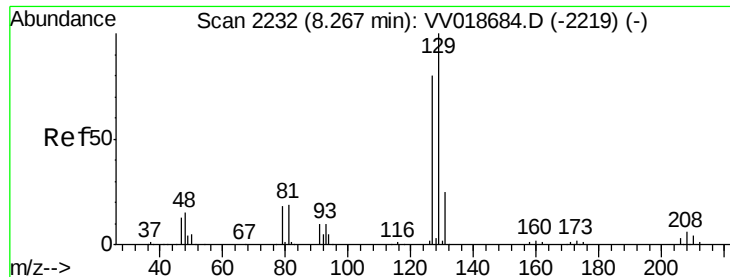
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#49

Dibromochloromethane

Concen: 2.054 ug/L

RT: 8.27 min Scan# 2233

Delta R.T. 0.00 min

Lab File: VV018689.D

Acq: 06 Oct 2020 12:56

Instrument :

MSVOA_V

ClientSampleId :

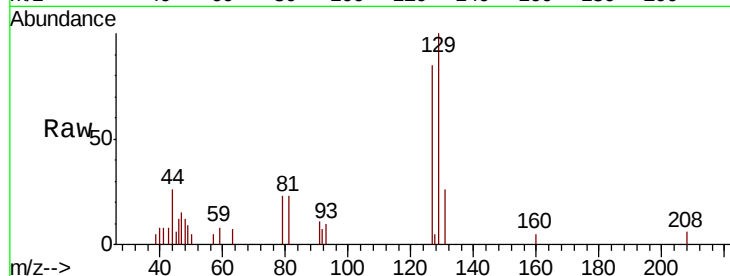
MDL01

Tot Ion:129 Resp: 4049

Ion Ratio Lower Upper

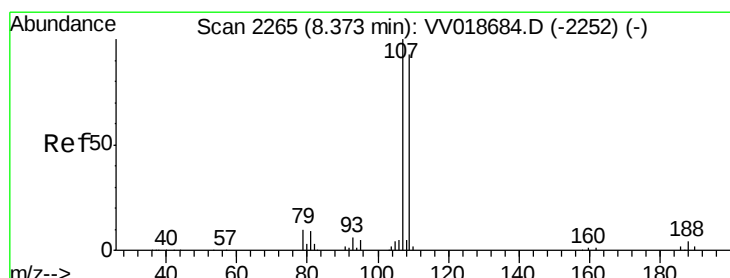
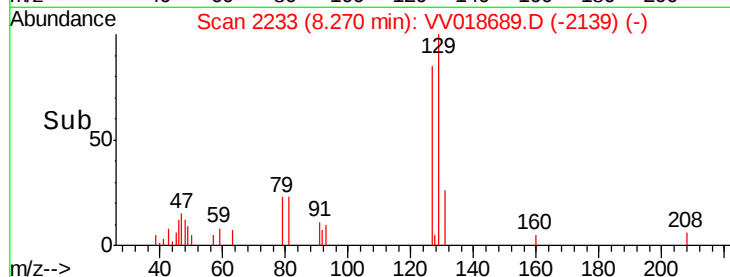
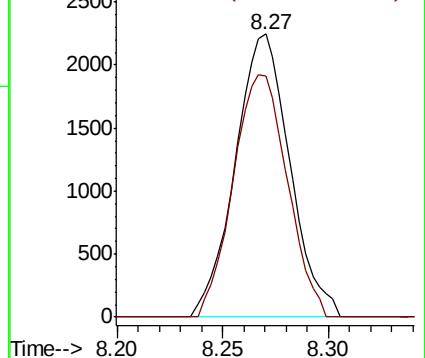
129 100

127 85.2 53.5 99.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#50

1,2-Dibromoethane

Concen: 2.299 ug/L

RT: 8.38 min Scan# 2266

Delta R.T. 0.00 min

Lab File: VV018689.D

Acq: 06 Oct 2020 12:56

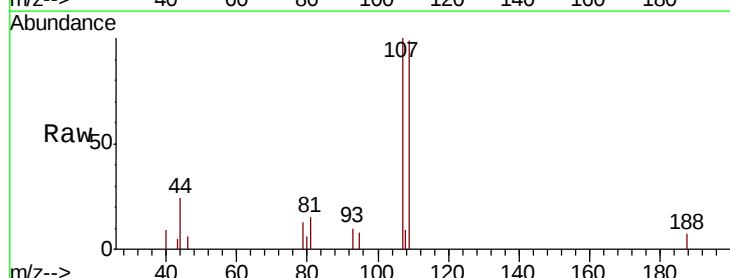
Tgt Ion:107 Resp: 4237

Ion Ratio Lower Upper

107 100

109 99.1 64.9 120.5

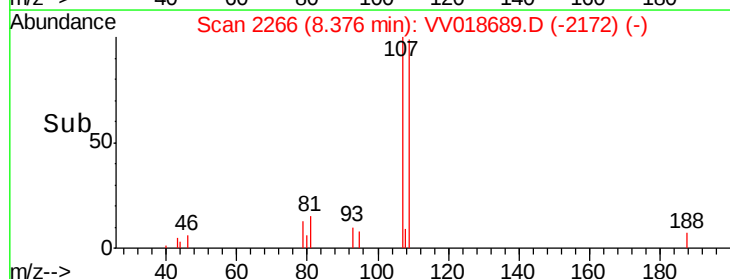
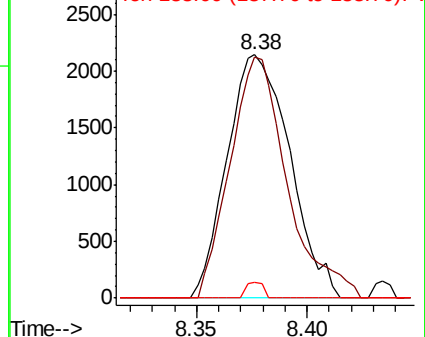
188 6.5 3.4 5.0#

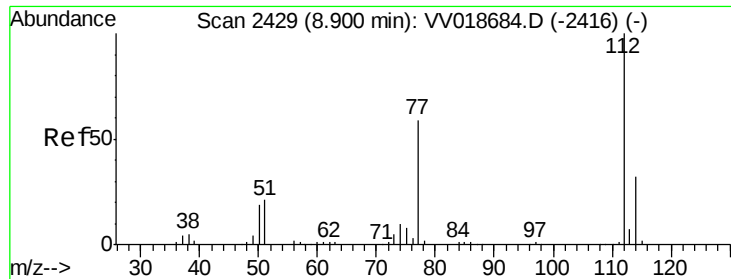


Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V

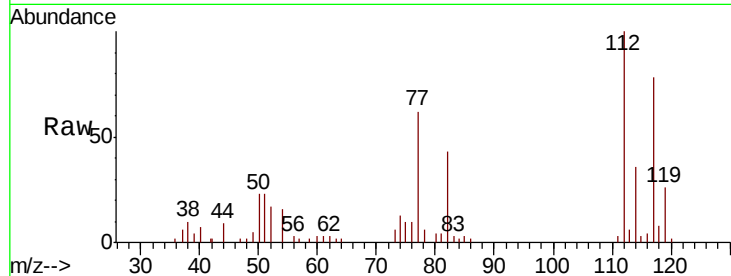




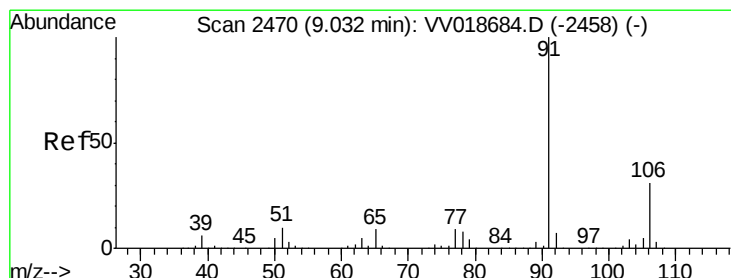
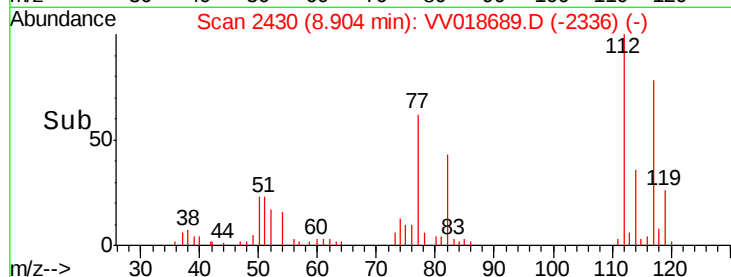
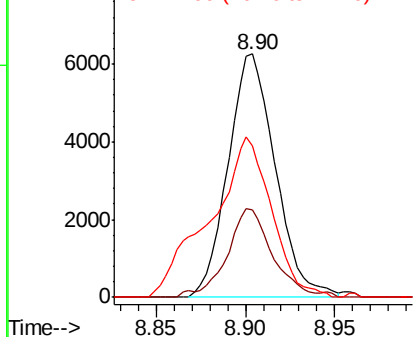
#51
Chlorobenzene
Concen: 2.323 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV018689.D
Acq: 06 Oct 2020 12:56

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tot Ion: 112 Resp: 11578
Ion Ratio Lower Upper
112 100
114 36.0 22.2 41.2
77 62.3 47.4 71.2

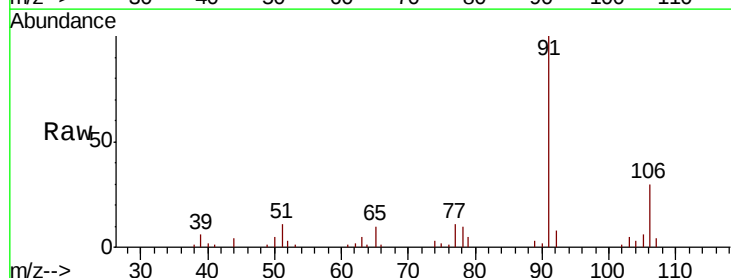


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

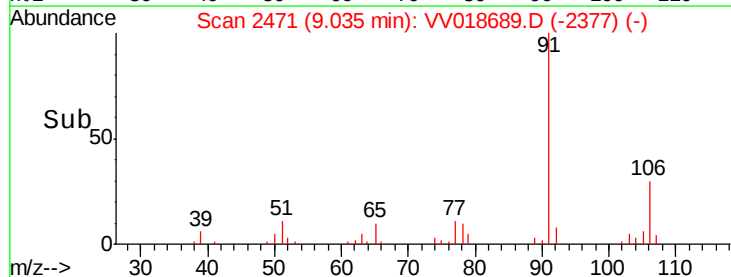
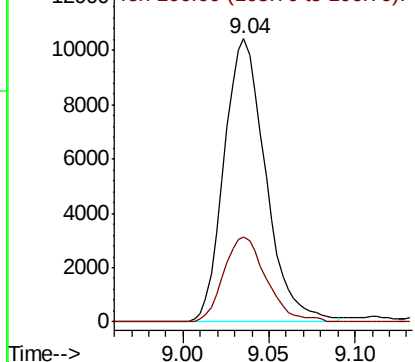


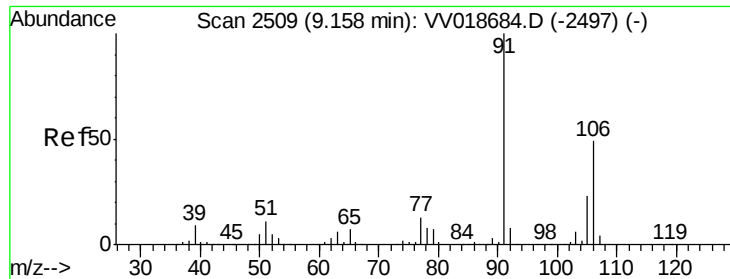
#52
Ethylbenzene
Concen: 2.140 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV018689.D
Acq: 06 Oct 2020 12:56

Tgt Ion: 91 Resp: 17565
Ion Ratio Lower Upper
91 100
106 30.1 21.4 39.8



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V





#53

m,p-Xylene

Concen: 2.019 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV018689.D

Acq: 06 Oct 2020 12:56

Instrument :

MSVOA_V

ClientSampled :

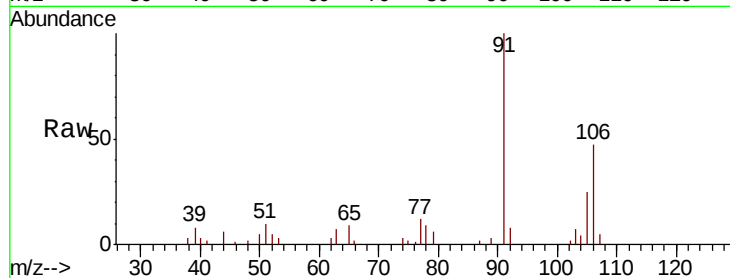
MDL01

Tot Ion:106 Resp: 6189

Ion Ratio Lower Upper

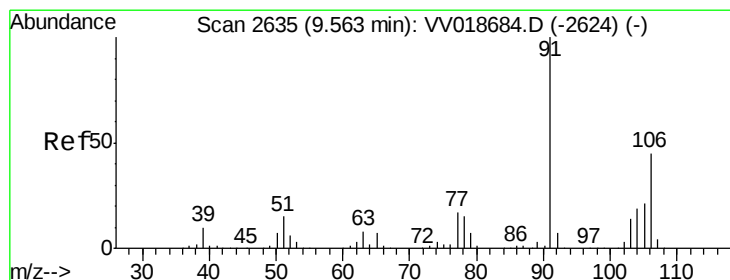
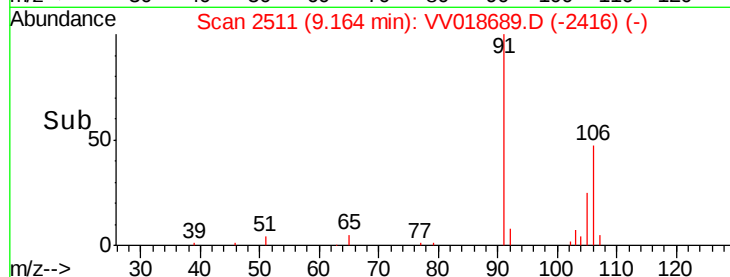
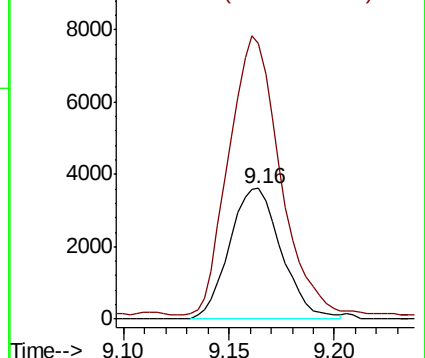
106 100

91 211.7 143.4 266.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-Xylene

Concen: 2.039 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV018689.D

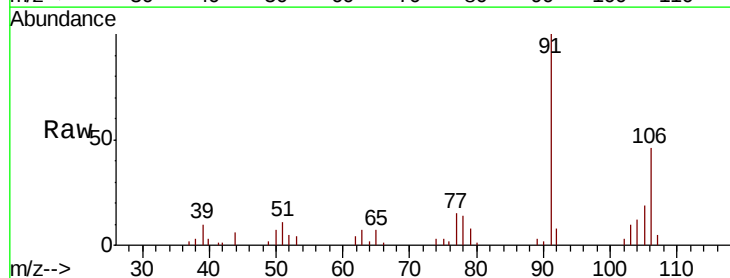
Acq: 06 Oct 2020 12:56

Tgt Ion:106 Resp: 6021

Ion Ratio Lower Upper

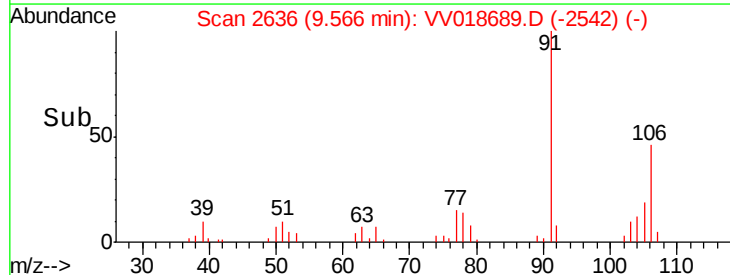
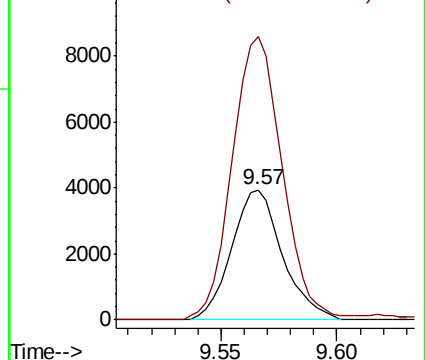
106 100

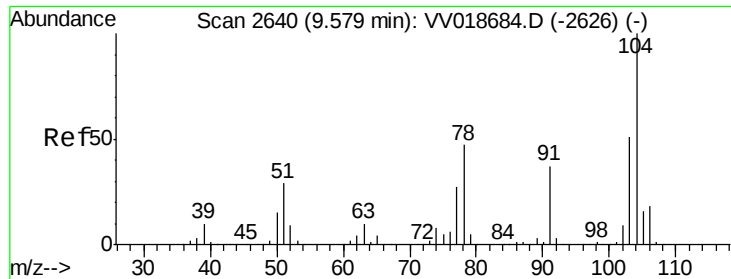
91 217.2 154.7 287.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0





#55

Stvrene

Concen: 1.829 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.01 min

Lab File: VV018689.D

Acq: 06 Oct 2020 12:56

Instrument :

MSVOA_V

ClientSampleId :

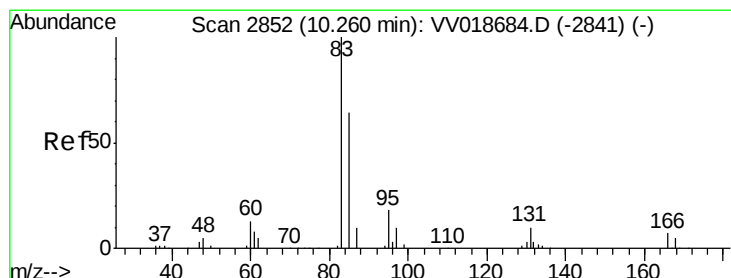
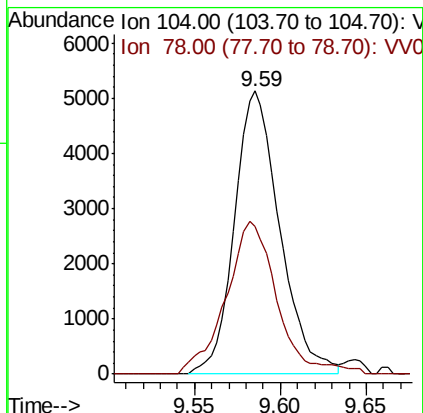
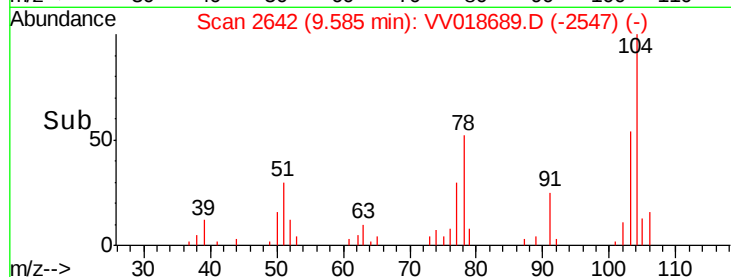
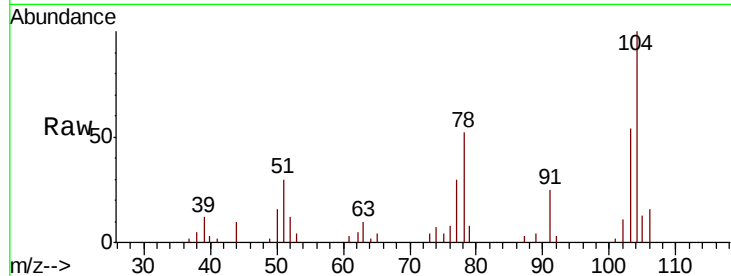
MDL01

Tot Ion:104 Resp: 9450

Ion Ratio Lower Upper

104 100

78 52.0 32.1 59.5



#57

1,1,2,2-Tetrachloroethane

Concen: 1.993 ug/L

RT: 10.26 min Scan# 2853

Delta R.T. 0.00 min

Lab File: VV018689.D

Acq: 06 Oct 2020 12:56

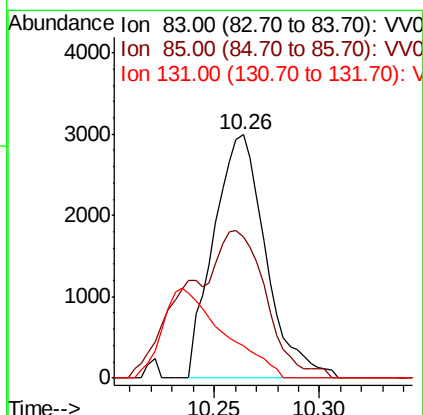
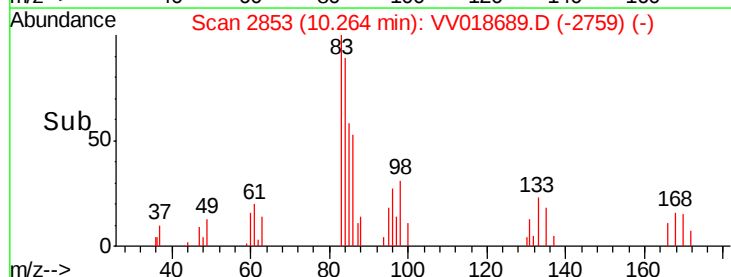
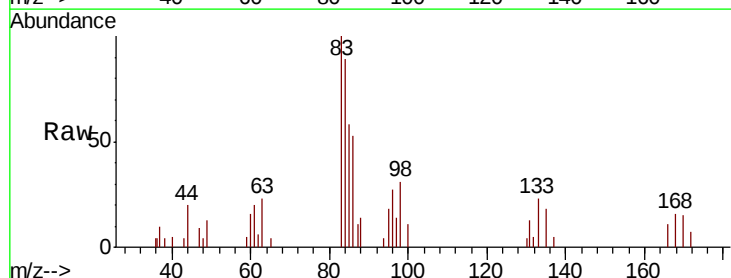
Tgt Ion: 83 Resp: 5144

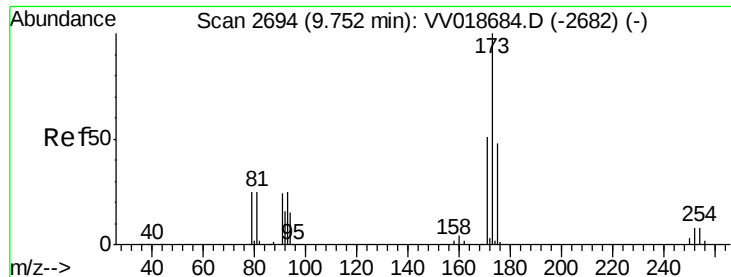
Ion Ratio Lower Upper

83 100

85 58.2 44.4 82.5

131 13.4 7.8 11.6#

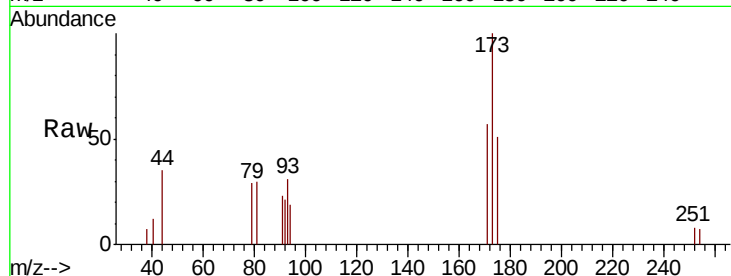




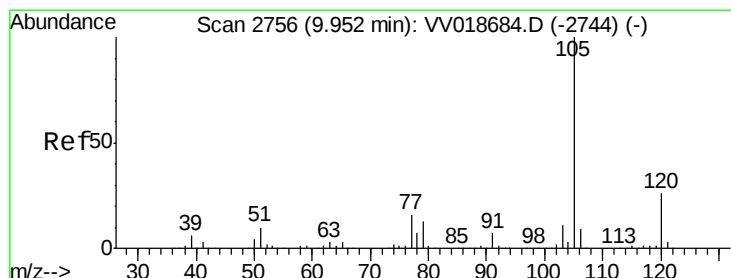
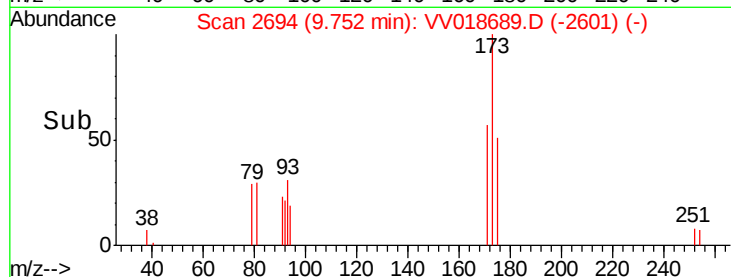
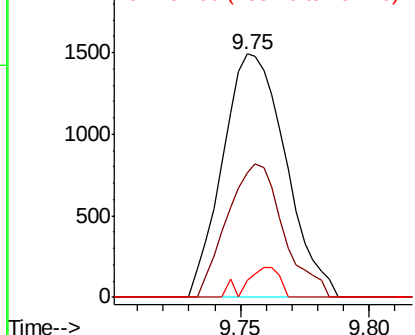
#59
Bromoform
Concen: 2.022 ug/L
RT: 9.75 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VV018689.D
Acq: 06 Oct 2020 12:56

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tot Ion:173 Resp: 2540
Ion Ratio Lower Upper
173 100
175 48.9 39.4 59.2
254 5.7 8.7 13.1#

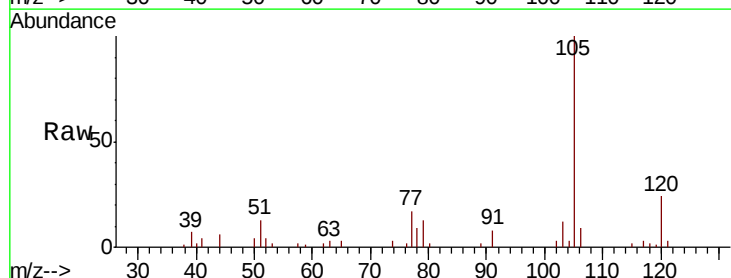


Abundance Ion 173.00 (172.70 to 173.70): V
2000 Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V

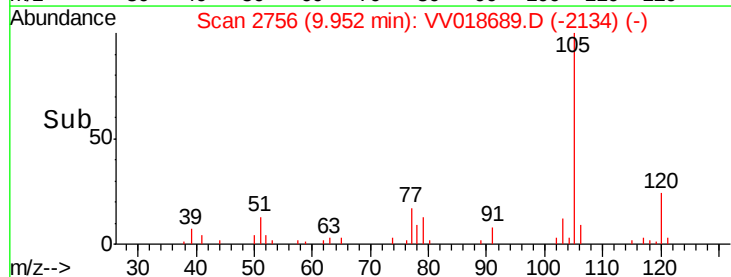
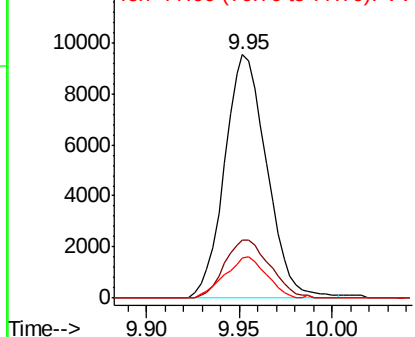


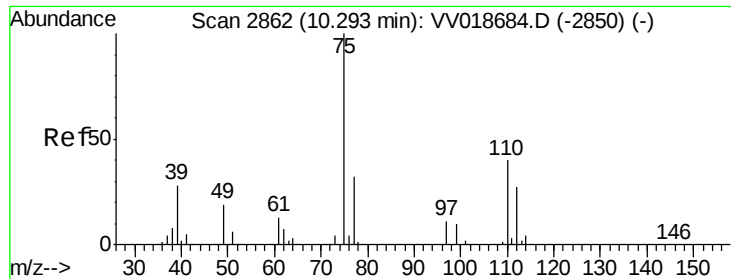
#60
Isopropylbenzene
Concen: 2.175 ug/L
RT: 9.95 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VV018689.D
Acq: 06 Oct 2020 12:56

Tgt Ion:105 Resp: 15063
Ion Ratio Lower Upper
105 100
120 25.6 20.8 31.2
77 16.8 12.8 19.2



Abundance Ion 105.00 (104.70 to 105.70): V
12000 Ion 120.00 (119.70 to 120.70): V
Ion 77.00 (76.70 to 77.70): VV0

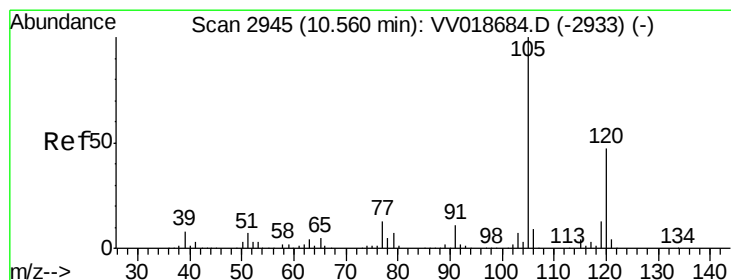
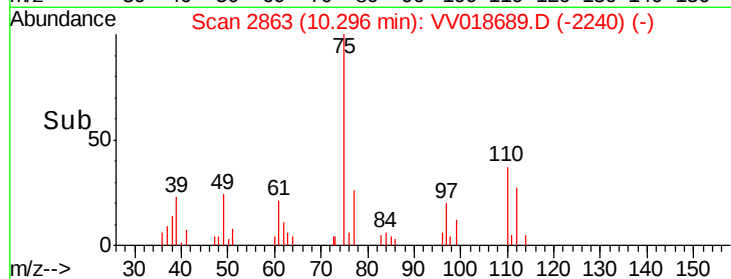
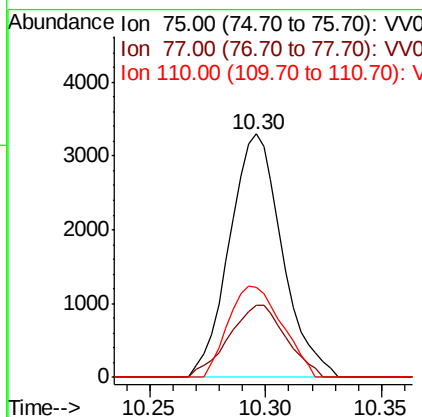
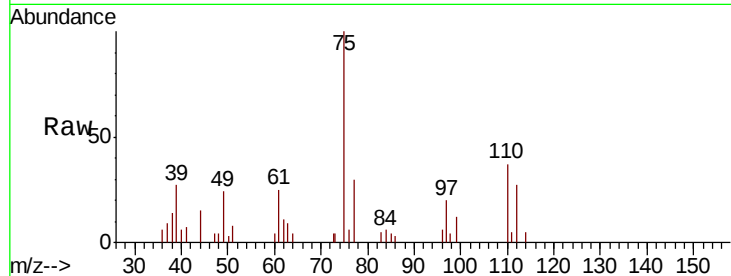




#61
 1,2,3-Trichloropropane
 Concen: 2.663 ug/L
 RT: 10.30 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VV018689.D
 Acq: 06 Oct 2020 12:56

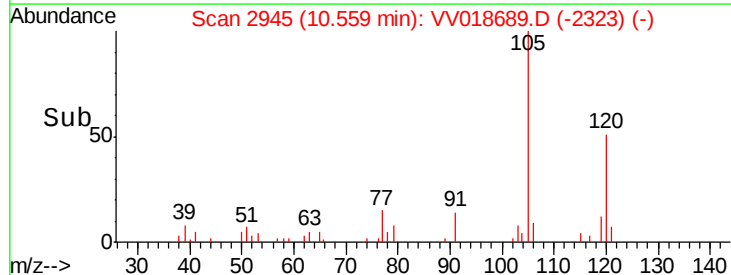
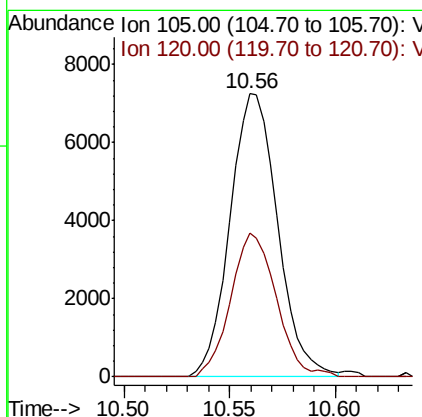
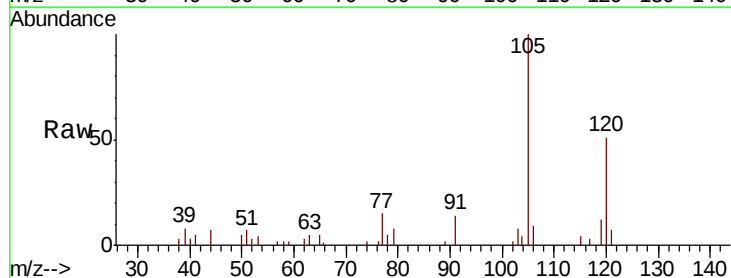
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

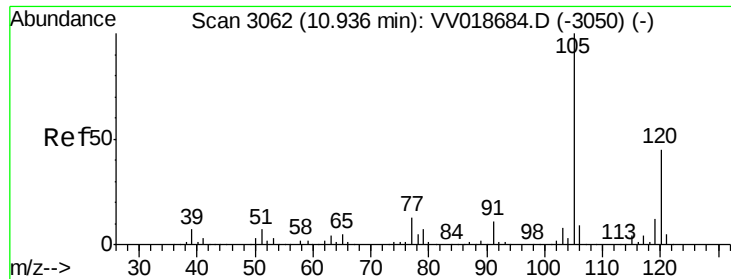
Tot Ion: 75 Resp: 5192
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.8 38.8
 110 38.3 31.5 47.3



#62
 1,3,5-Trimethylbenzene
 Concen: 2.031 ug/L
 RT: 10.56 min Scan# 2945
 Delta R.T. -0.00 min
 Lab File: VV018689.D
 Acq: 06 Oct 2020 12:56

Tgt Ion: 105 Resp: 11387
 Ion Ratio Lower Upper
 105 100
 120 47.8 39.1 58.7

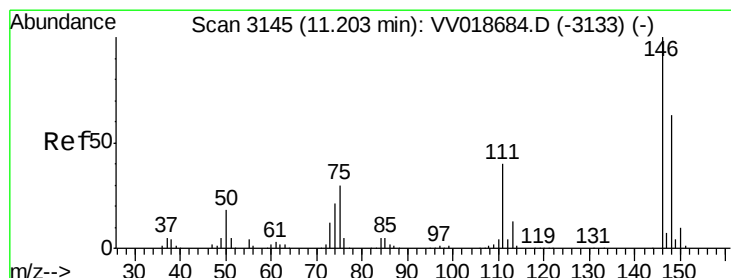
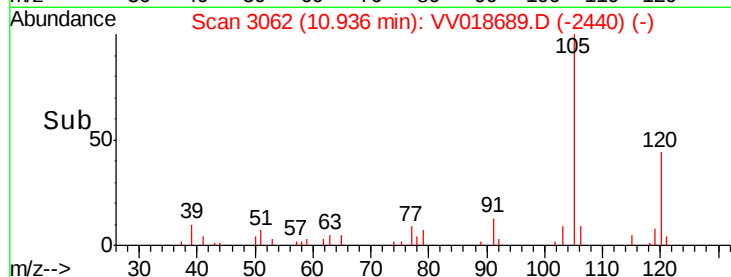
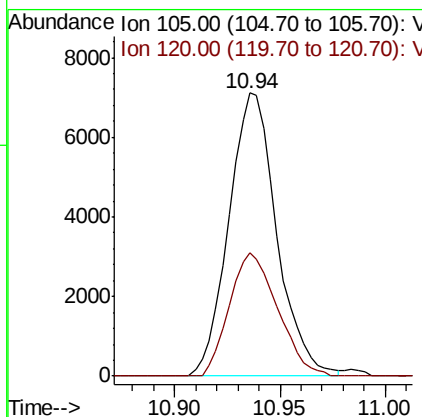
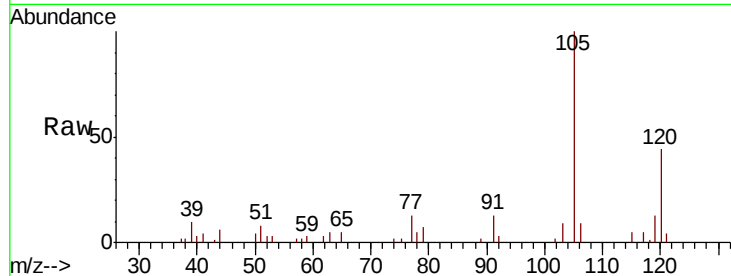




#63
 1,2,4-Trimethylbenzene
 Concen: 1.948 ug/L
 RT: 10.94 min Scan# 3062
 Delta R.T. -0.00 min
 Lab File: VV018689.D
 Acq: 06 Oct 2020 12:56

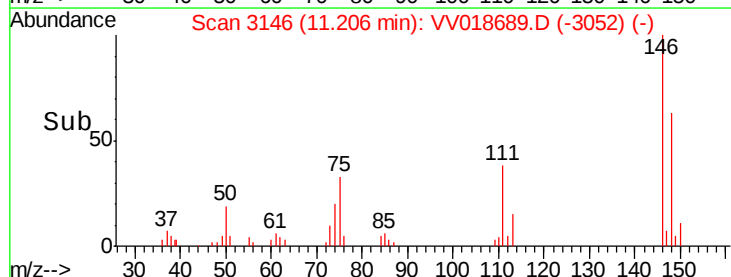
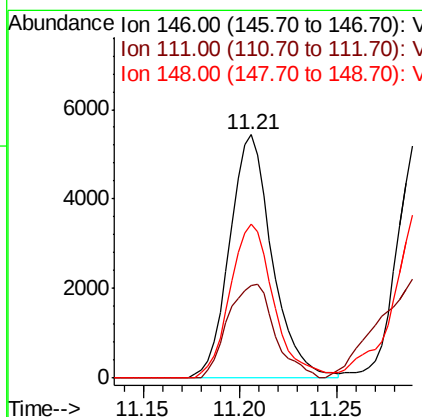
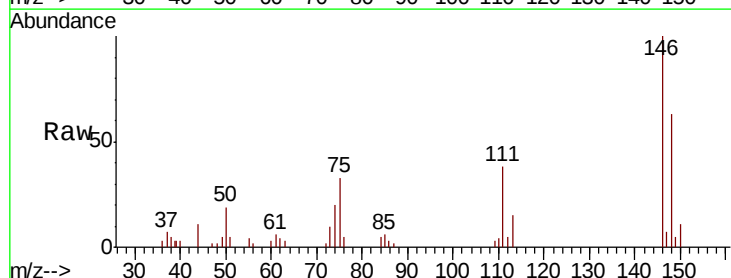
Instrument :
 MSVOA_V
 ClientSampled :
 MDL01

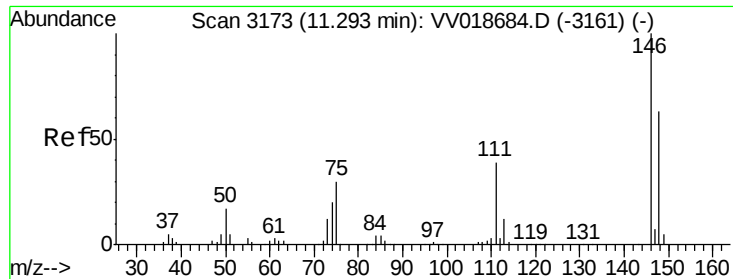
Tot Ion:105 Resp: 11215
 Ion Ratio Lower Upper
 105 100
 120 43.8 36.2 54.2



#64
 1,3-Dichlorobenzene
 Concen: 2.365 ug/L
 RT: 11.21 min Scan# 3146
 Delta R.T. 0.00 min
 Lab File: VV018689.D
 Acq: 06 Oct 2020 12:56

Tgt Ion:146 Resp: 8324
 Ion Ratio Lower Upper
 146 100
 111 38.2 27.6 51.4
 148 63.0 44.2 82.2





#65

1,4-Dichlorobenzene

Concen: 2.689 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV018689.D

Acq: 06 Oct 2020 12:56

Instrument :

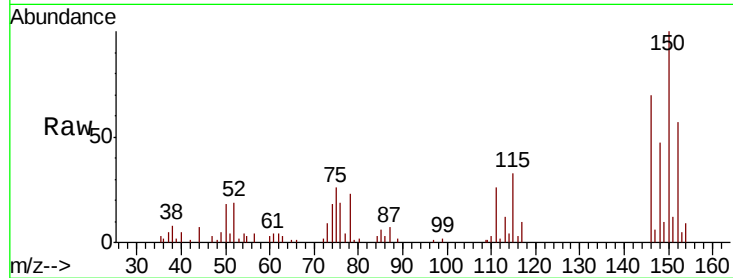
MSVOA_V

ClientSampleId :

MDL01

Tot Ion:146 Resp: 9920

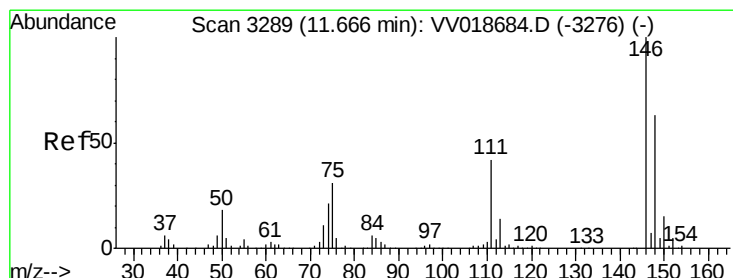
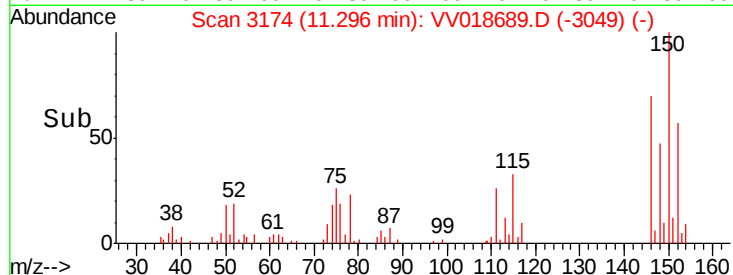
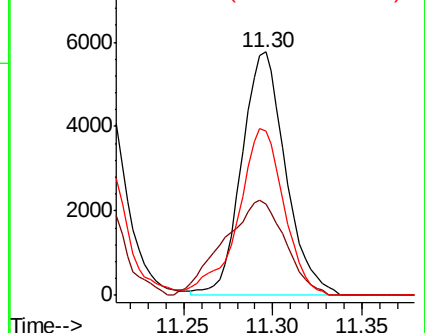
Ion	Ratio	Lower	Upper
146	100		
111	37.5	26.6	49.4
148	67.5	44.3	82.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#67

1,2-Dichlorobenzene

Concen: 2.706 ug/L

RT: 11.66 min Scan# 3288

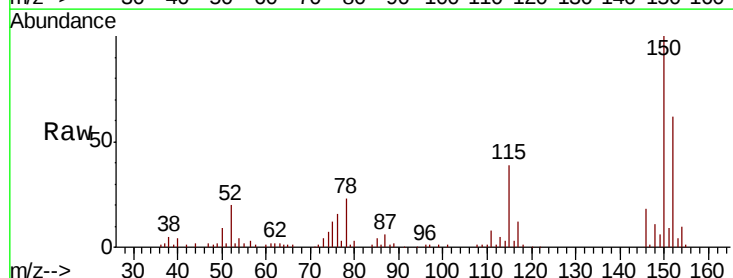
Delta R.T. -0.00 min

Lab File: VV018689.D

Acq: 06 Oct 2020 12:56

Tgt Ion:146 Resp: 9576

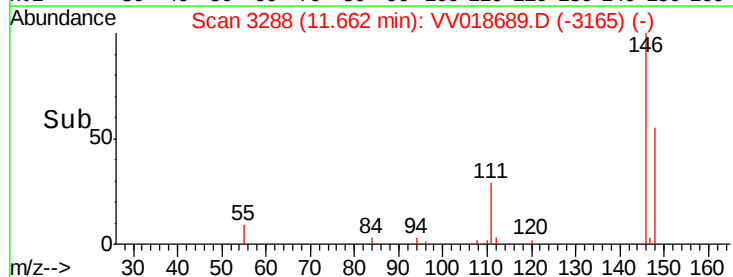
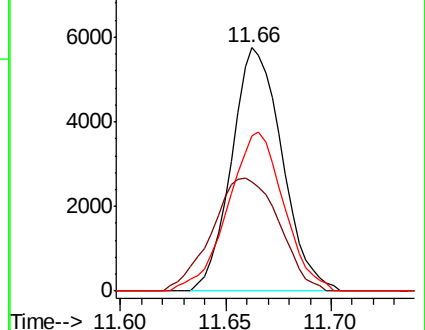
Ion	Ratio	Lower	Upper
146	100		
111	45.0	32.6	49.0
148	63.6	51.0	76.6

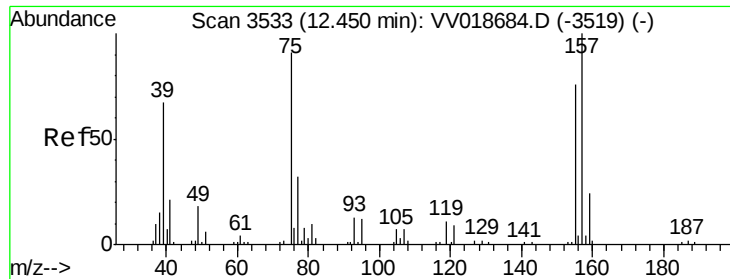


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#68

1,2-Dibromo-3-chloropropane

Concen: 2.545 ug/L

RT: 12.45 min Scan# 3533

Delta R.T. -0.00 min

Lab File: VV018689.D

Acq: 06 Oct 2020 12:56

Instrument :

MSVOA_V

ClientSampleId :

MDL01

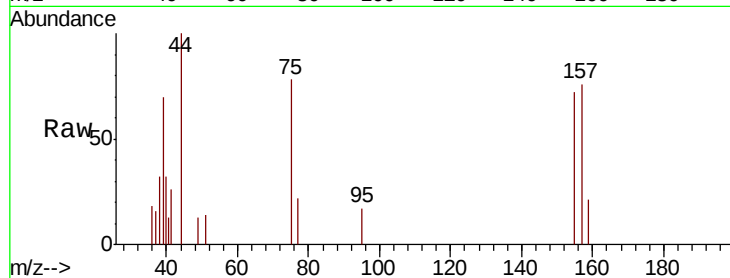
Tot Ion: 75 Resp: 1254

Ion Ratio Lower Upper

75 100

155 92.0 67.6 101.4

157 97.7 88.7 133.1

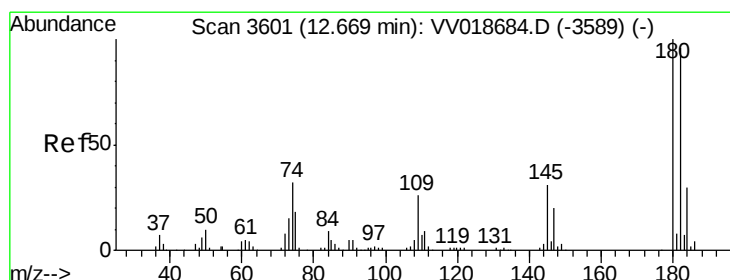
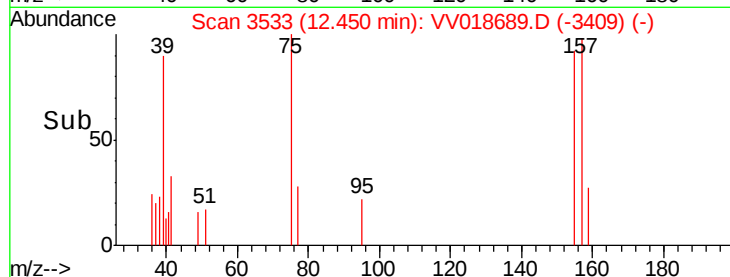
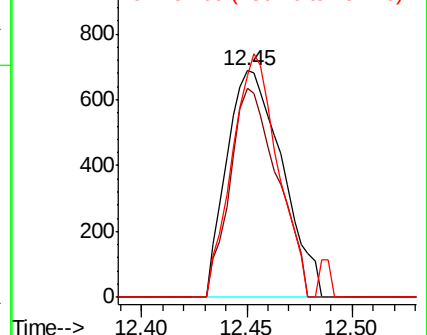


Abundance

Ion 75.00 (74.70 to 75.70): VV018689.D (-3519) (-)

Ion 155.00 (154.70 to 155.70): VV018689.D (-3519) (-)

Ion 157.00 (156.70 to 157.70): VV018689.D (-3519) (-)



#69

1,3,5-Trichlorobenzene

Concen: 2.201 ug/L

RT: 12.67 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VV018689.D

Acq: 06 Oct 2020 12:56

Tgt Ion: 180 Resp: 6042

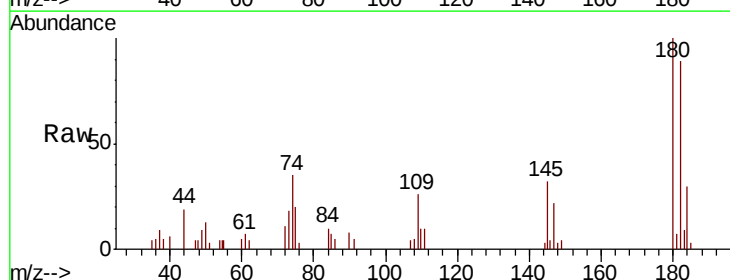
Ion Ratio Lower Upper

180 100

182 97.2 76.6 115.0

184 27.3 24.8 37.2

145 29.1 23.0 34.4



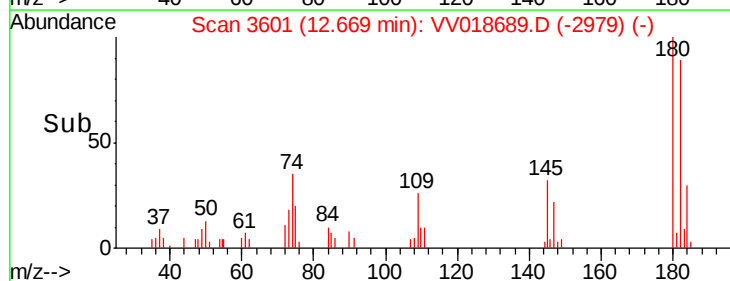
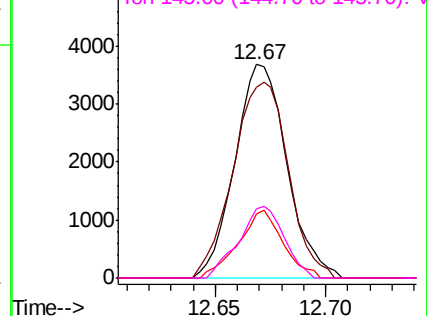
Abundance

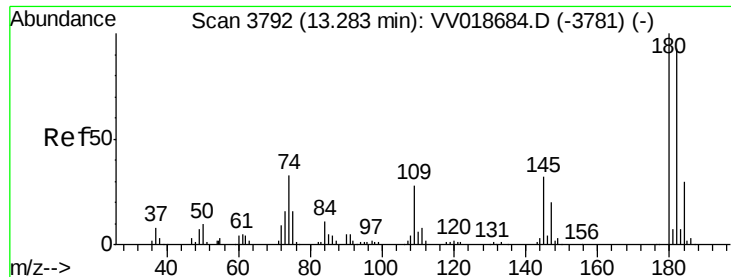
Ion 180.00 (179.70 to 180.70): VV018689.D (-3589) (-)

Ion 182.00 (181.70 to 182.70): VV018689.D (-3589) (-)

Ion 184.00 (183.70 to 184.70): VV018689.D (-3589) (-)

Ion 145.00 (144.70 to 145.70): VV018689.D (-3589) (-)

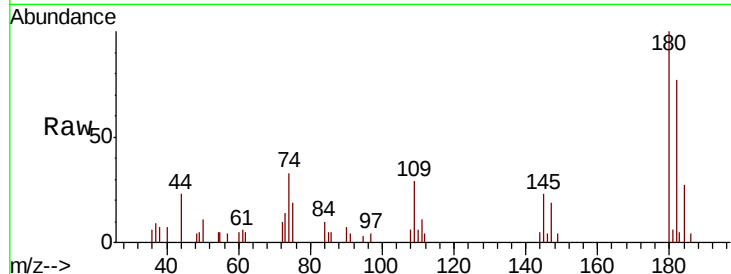




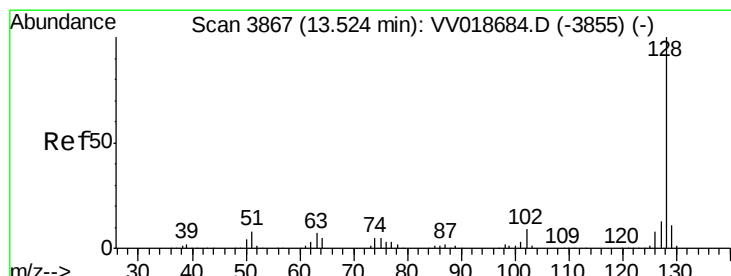
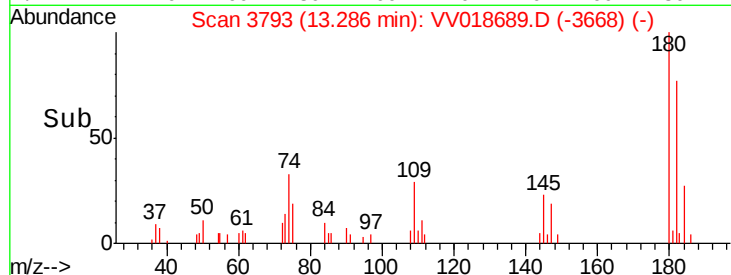
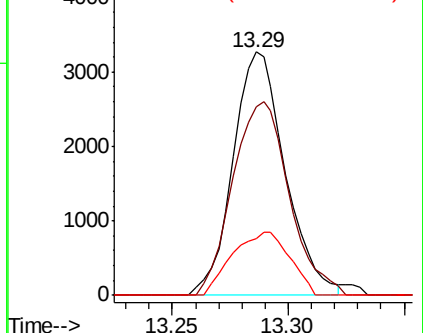
#70
 1,2,4-trichlorobenzene
 Concen: 2.072 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV018689.D
 Acq: 06 Oct 2020 12:56

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Tot Ion:180 Resp: 5096
 Ion Ratio Lower Upper
 180 100
 182 86.1 75.8 113.6
 145 28.6 23.0 34.4

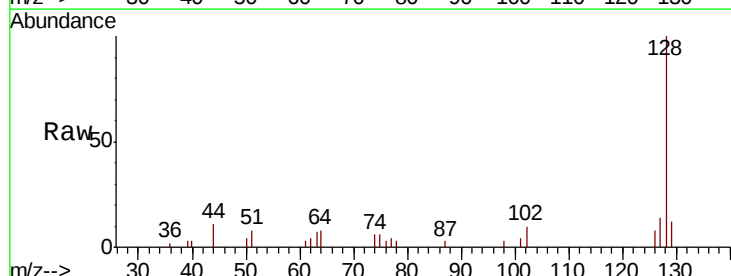


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

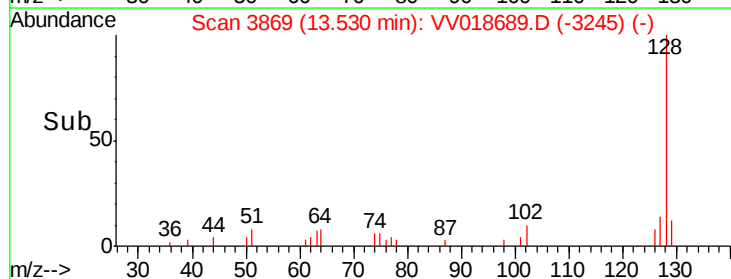
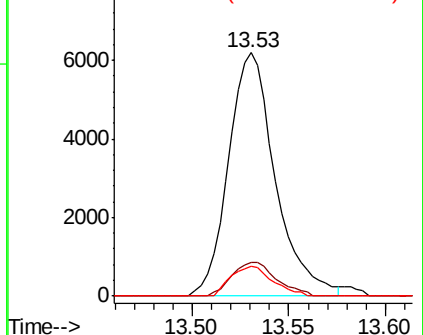


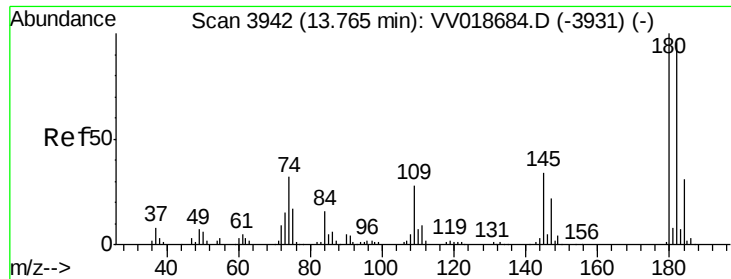
#71
 Naphthalene
 Concen: 1.632 ug/L
 RT: 13.53 min Scan# 3869
 Delta R.T. 0.01 min
 Lab File: VV018689.D
 Acq: 06 Oct 2020 12:56

Tgt Ion:128 Resp: 10412
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.4 15.6
 129 11.0 8.7 13.1



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

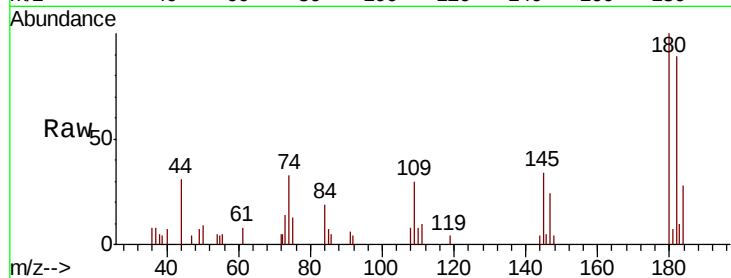




#72
 1,2,3-Trichlorobenzene
 Concen: 1.868 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.01 min
 Lab File: VV018689.D
 Acq: 06 Oct 2020 12:56

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Tot Ion:180 Resp: 4618
 Ion Ratio Lower Upper
 180 100
 182 92.1 77.1 115.7
 145 34.7 25.0 37.6



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

