

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073120\
 Data File : VV017769.D
 Acq On : 31 Jul 2020 12:43
 Operator : SY/MD
 Sample : L3520-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBFG9

Quant Time: Aug 01 04:46:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 01 04:42:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	142492	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	138250	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	73613	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	31008	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.58	69	28096	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.12	63	69603	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.20%
20) 2-Butanone-d5	3.95	46	75937	46.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.30%
24) Chloroform-d	4.38	84	80368	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.06	65	46437	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
32) Benzene-d6	5.07	84	138912	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.09	67	36799	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.80%
41) Toluene-d8	7.34	98	123784	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
45) trans-1,3-Dichloropropene-	7.65	79	17665	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
48) 2-Hexanone-d5	8.11	63	54845	46.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.20%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	27107	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	57207	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

					Ovalue
3) Chloromethane	1.25	50	32006	3.151 ug/L	95
6) Bromomethane	1.53	94	22954	3.508 ug/L	97
8) Chloroethane	1.59	64	402	0.068 ug/L	89
9) Trichlorofluoromethane	1.76	101	151264	8.308 ug/L	98
12) 1,1-Dichloroethene	2.13	96	29541	3.850 ug/L	88
13) Acetone	2.22	43	112504	88.293 ug/L	97
14) Carbon disulfide	2.31	76	129448	5.549 ug/L	99
15) Methyl Acetate	2.22	43	108670	43.828 ug/L #	41
16) Methylene chloride	2.52	84	22979	2.691 ug/L	99
17) Methyl tert-butyl Ether	2.79	73	184610	9.387 ug/L	98
19) 1,1-Dichloroethane	3.21	63	158140	8.995 ug/L	100
21) 2-Butanone	4.03	43	220278	102.378 ug/L	97
27) 1,2-Dichloroethane	5.16	62	97590	7.627 ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	174057	8.999 ug/L	97
30) Cyclohexane	4.70	56	158938	10.371 ug/L	93
31) Carbon tetrachloride	4.63	117	20740	1.205 ug/L	95
34) Trichloroethene	5.94	95	58617	5.363 ug/L	97

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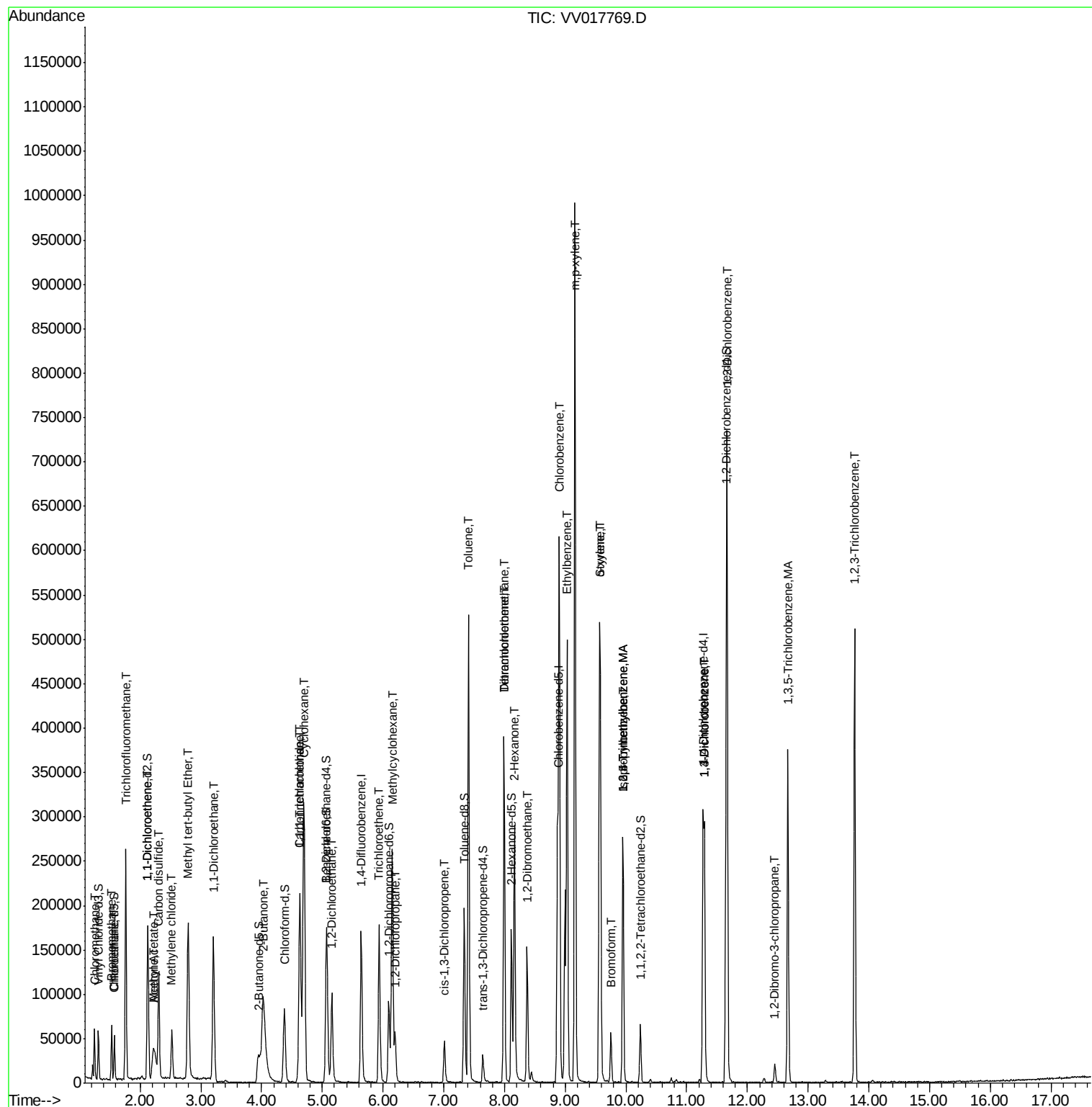
35) Methylcyclohexane	6.15	83	105681	6.391	ug/L	97
37) 1,2-Dichloropropane	6.20	63	17901	1.946	ug/L	98
39) cis-1,3-Dichloropropene	7.01	75	1557	0.112	ug/L	88
42) Toluene	7.41	91	367052	8.598	ug/L	99
43) 1,3,5-Trimethylbenzene	9.95	105	169244	4.246	ug/L #	68
44) 1,2,4-Trimethylbenzene	9.95	105	169244	4.156	ug/L #	73
49) Tetrachloroethene	8.00	164	85706	8.893	ug/L	97
50) 2-Hexanone	8.16	43	171509	48.070	ug/L	95
51) Dibromochloromethane	7.99	129	75140	8.464	ug/L #	10
52) 1,2-Dibromoethane	8.37	107	95841	14.561	ug/L	100
53) Chlorobenzene	8.90	112	308594	10.843	ug/L	98
54) Ethylbenzene	9.03	91	322949	6.757	ug/L	99
55) m,p-xylene	9.16	106	249655	13.869	ug/L	92
56) o-xylene	9.56	106	99587	5.701	ug/L	98
57) Styrene	9.58	104	164536	5.645	ug/L	98
58) Isopropylbenzene	9.95	105	169244	3.512	ug/L	99
62) Bromoform	9.75	173	24844	5.273	ug/L	98
63) 1,3-Dichlorobenzene	11.29	146	108278	4.568	ug/L	98
64) 1,4-Dichlorobenzene	11.29	146	108278	4.553	ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	275395	12.756	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	5257	3.894	ug/L	94
68) 1,3,5-Trichlorobenzene	12.67	180	117320	6.094	ug/L	98
71) 1,2,3-Trichlorobenzene	13.77	180	153034	10.724	ug/L	98

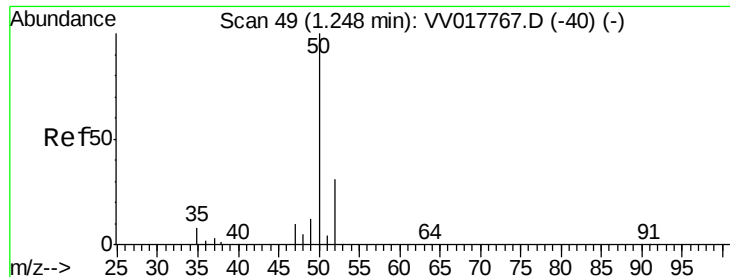
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#3

Chloromethane

Concen: 3.151 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV017769.D

Acq: 31 Jul 2020 12:43

Instrument :

MSVOA_V

ClientSampleId :

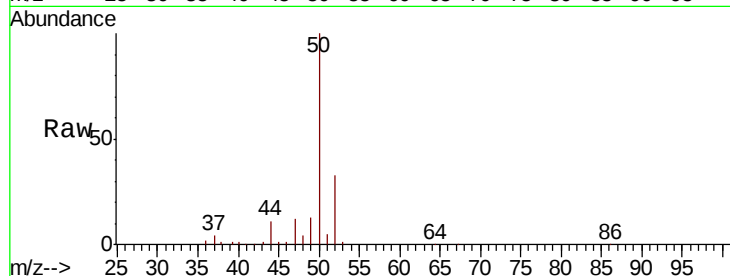
DBFG9

Tot Ion: 50 Resp: 32006

Ion Ratio Lower Upper

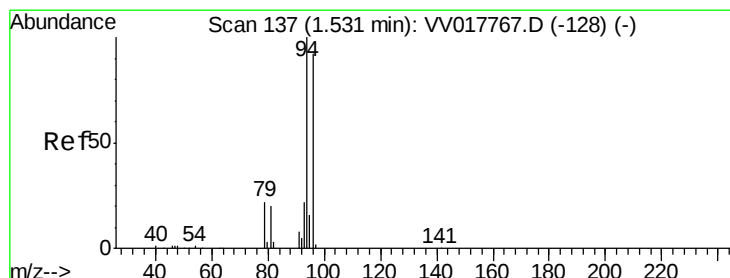
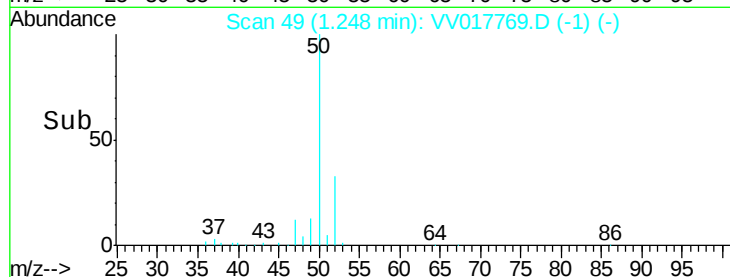
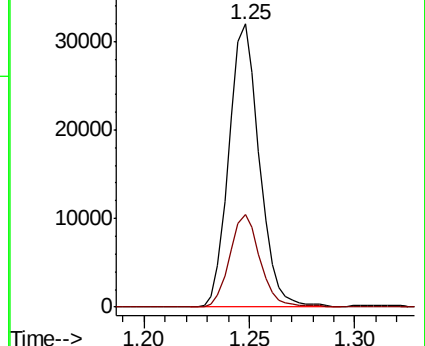
50 100

52 32.8 25.1 46.5



Abundance Ion 50.05 (49.75 to 50.75): VV017769.D (-40) (-)

Ion 52.05 (51.75 to 52.75): VV017769.D (-40) (-)



#6

Bromomethane

Concen: 3.508 ug/L

RT: 1.53 min Scan# 137

Delta R.T. 0.00 min

Lab File: VV017769.D

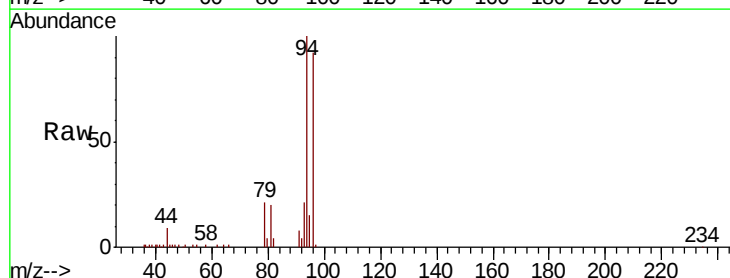
Acq: 31 Jul 2020 12:43

Tgt Ion: 94 Resp: 22954

Ion Ratio Lower Upper

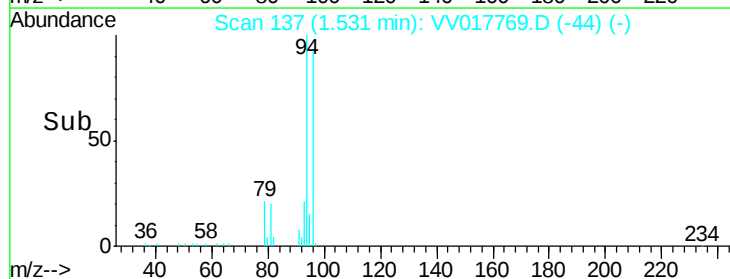
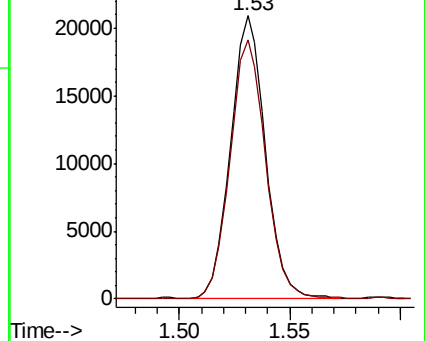
94 100

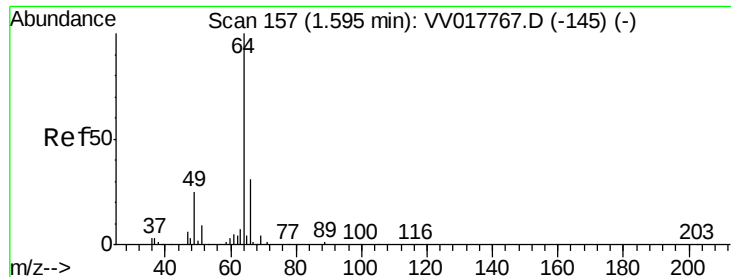
96 91.5 65.9 122.5



Abundance Ion 94.00 (93.70 to 94.70): VV017769.D (-128) (-)

Ion 96.00 (95.70 to 96.70): VV017769.D (-128) (-)





#8

Chloroethane

Concen: 0.068 ug/L

RT: 1.59 min Scan# 155

Delta R.T. -0.01 min

Lab File: VV017769.D

Acq: 31 Jul 2020 12:43

Instrument :

MSVOA_V

ClientSampleId :

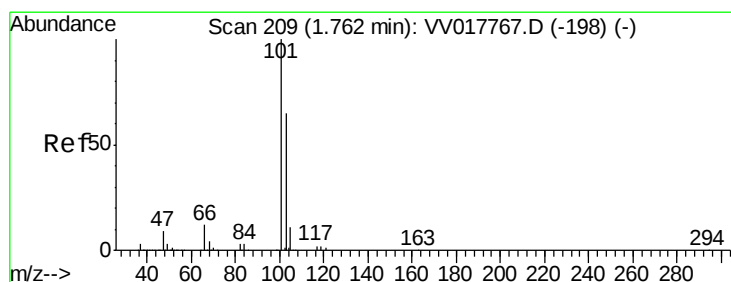
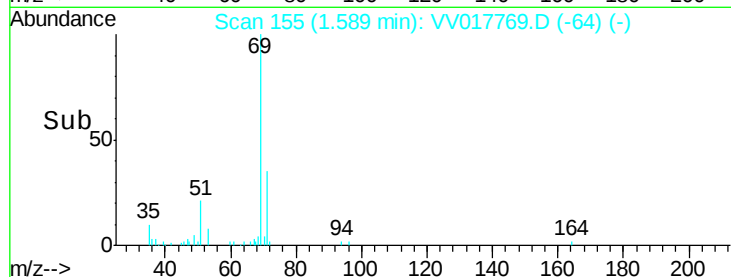
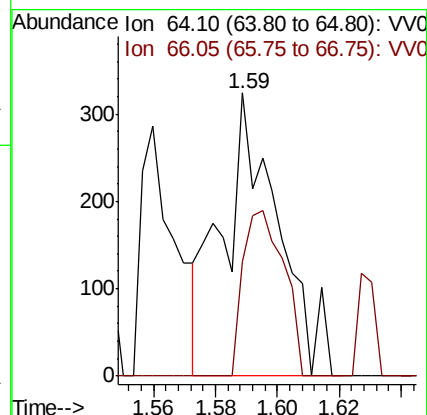
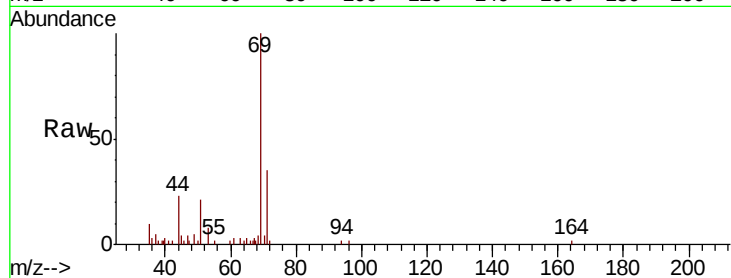
DBFG9

Tot Ion: 64 Resp: 402

Ion Ratio Lower Upper

64 100

66 40.4 24.0 44.6



#9

Trichlorofluoromethane

Concen: 8.308 ug/L

RT: 1.76 min Scan# 209

Delta R.T. 0.00 min

Lab File: VV017769.D

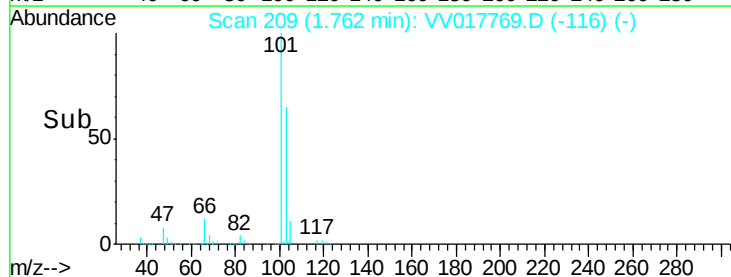
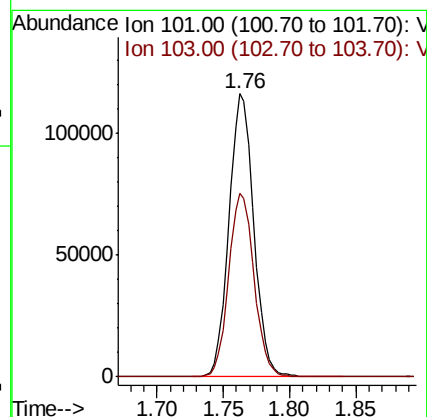
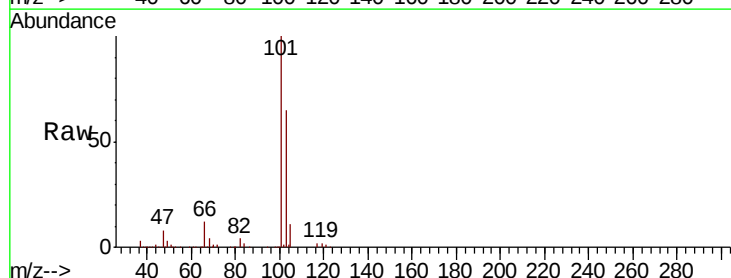
Acq: 31 Jul 2020 12:43

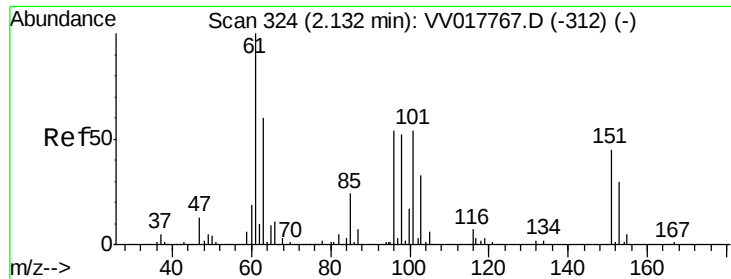
Tgt Ion:101 Resp: 151264

Ion Ratio Lower Upper

101 100

103 66.5 51.7 77.5

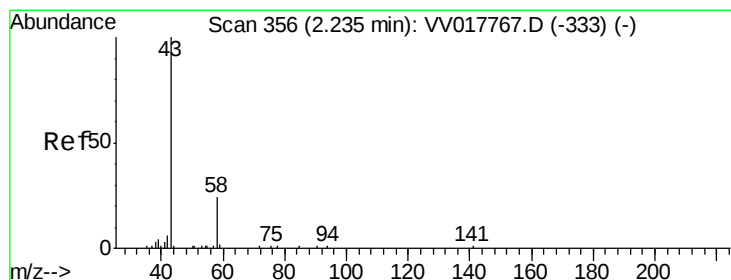
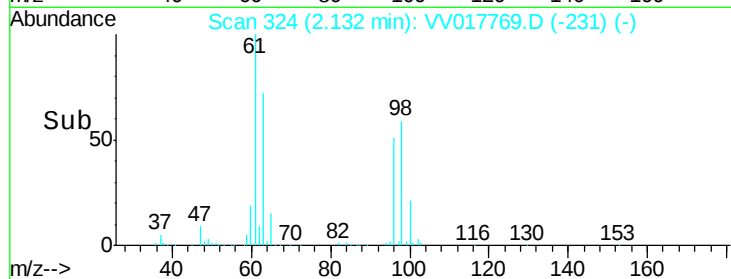
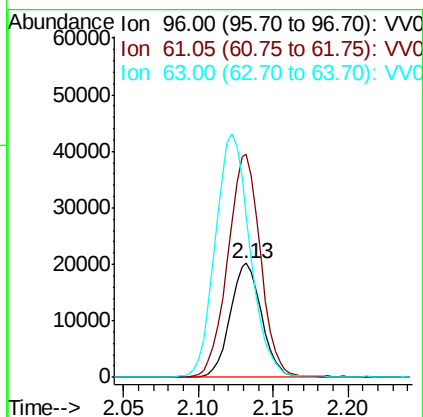
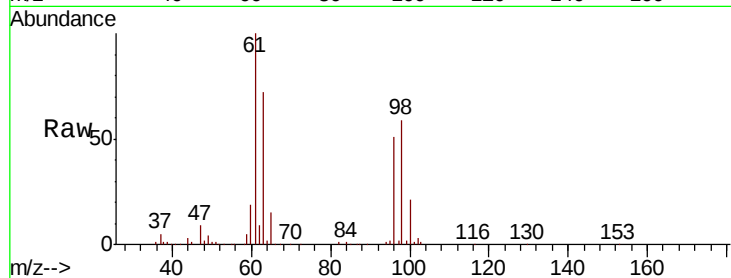




#12
 1,1-Dichloroethene
 Concen: 3.850 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. 0.00 min
 Lab File: VV017769.D
 Acq: 31 Jul 2020 12:43

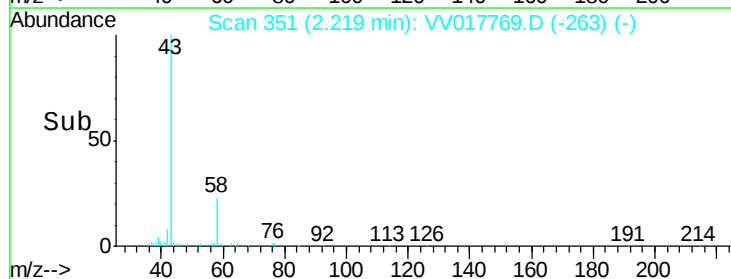
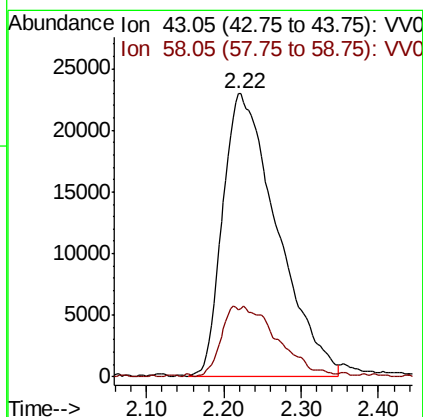
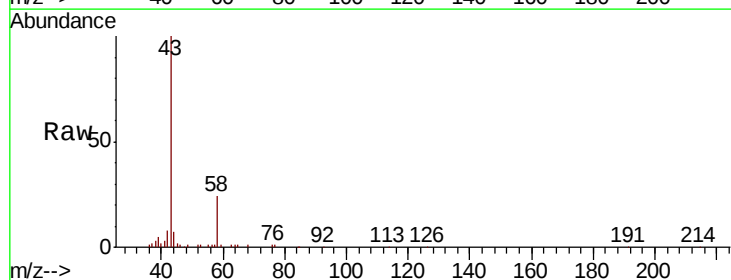
Instrument :
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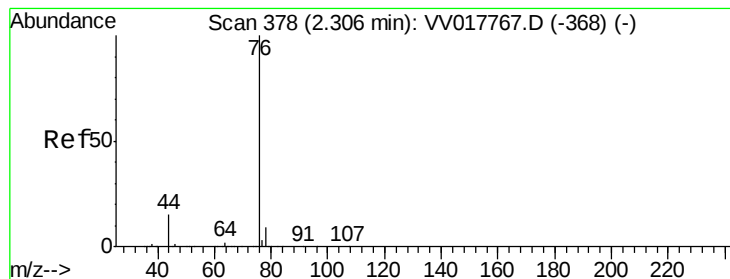
Tot Ion	Resp	Lower	Upper
96	100		
61	195.8	123.1	228.7
63	141.4	91.2	169.4



#13
 Acetone
 Concen: 88.293 ug/L
 RT: 2.22 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VV017769.D
 Acq: 31 Jul 2020 12:43

Tgt Ion	Resp	Lower	Upper
43	100		
58	8.3	0.0	18.6





#14

Carbon disulfide

Concen: 5.549 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV017769.D

Acq: 31 Jul 2020 12:43

Instrument :

MSVOA_V

ClientSampleId :

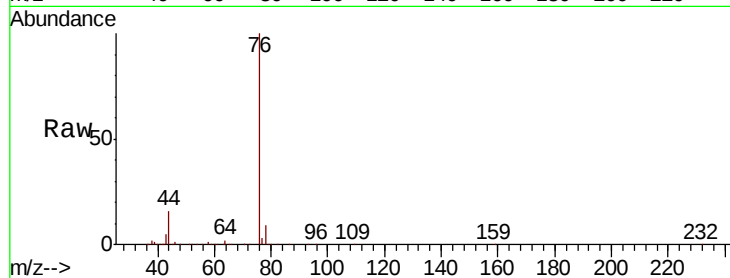
DBFG9

Tot Ion: 76 Resp: 129448

Ion Ratio Lower Upper

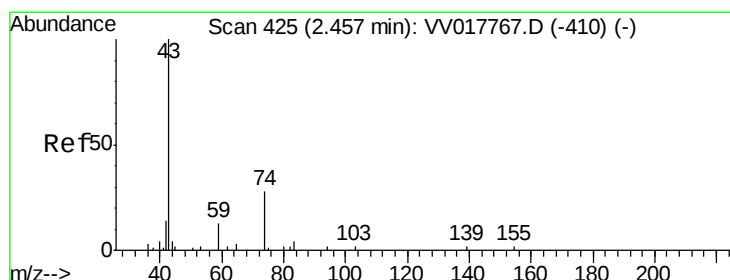
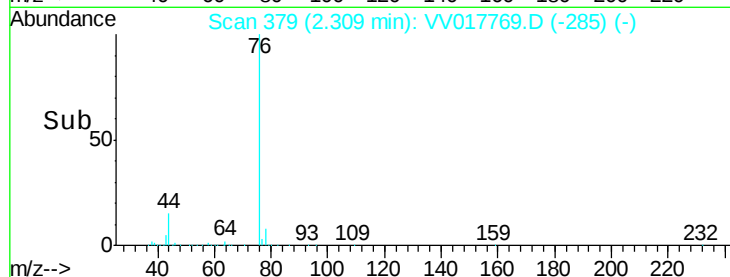
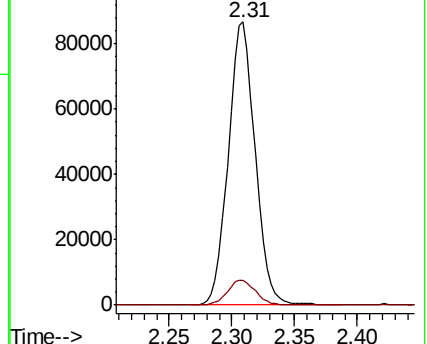
76 100

78 8.6 6.6 10.0



Abundance Ion 76.05 (75.75 to 76.75): VV017767.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VV017769.D (-285) (-)



#15

Methyl Acetate

Concen: 43.828 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.24 min

Lab File: VV017769.D

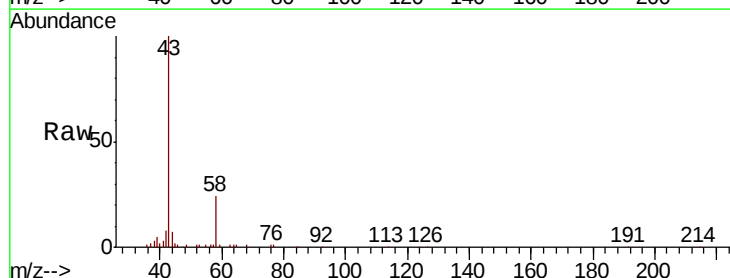
Acq: 31 Jul 2020 12:43

Tgt Ion: 43 Resp: 108670

Ion Ratio Lower Upper

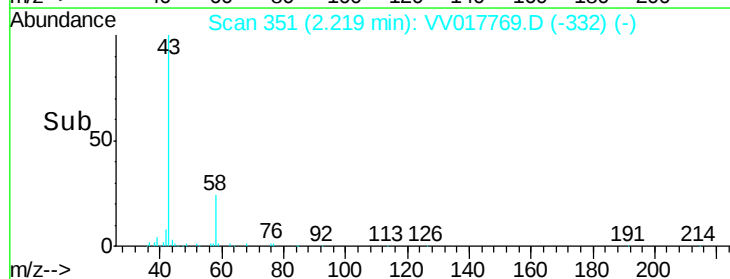
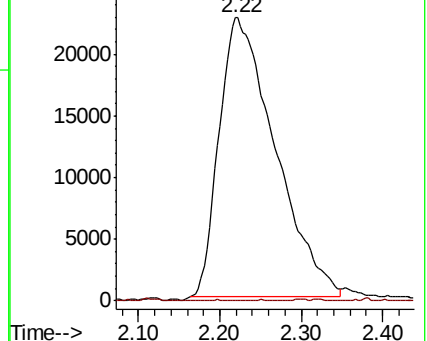
43 100

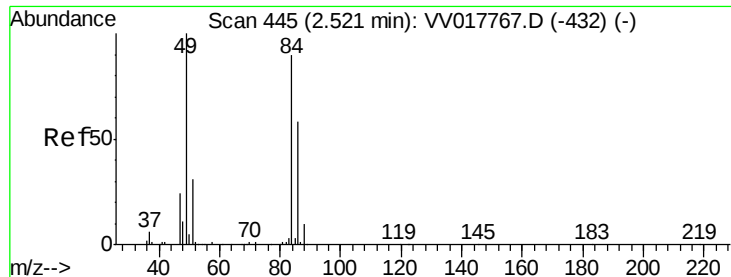
74 0.0 26.6 40.0#



Abundance Ion 43.05 (42.75 to 43.75): VV017767.D (-410) (-)

Ion 74.05 (73.75 to 74.75): VV017769.D (-332) (-)

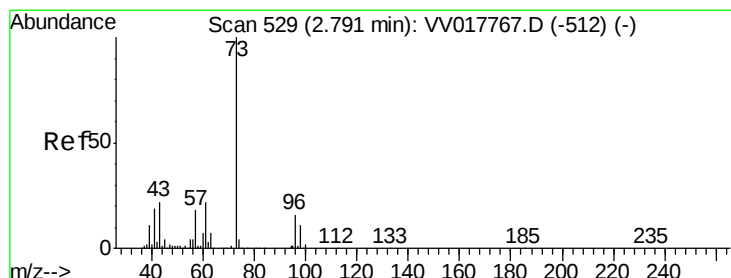
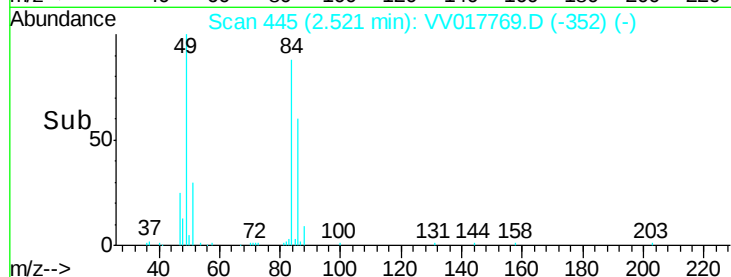
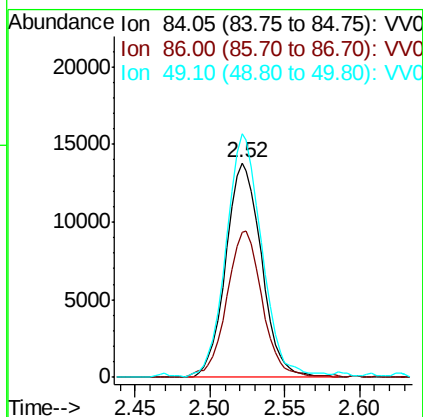
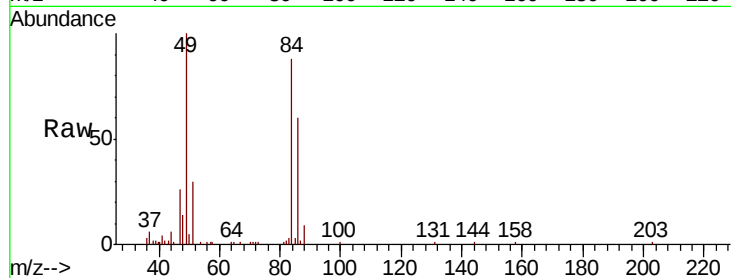




#16
Methvlene chloride
Concen: 2.691 ug/L
RT: 2.52 min Scan# 445
Delta R.T. 0.00 min
Lab File: VV017769.D
Acq: 31 Jul 2020 12:43

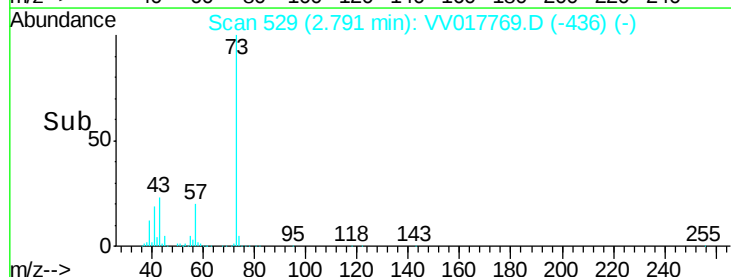
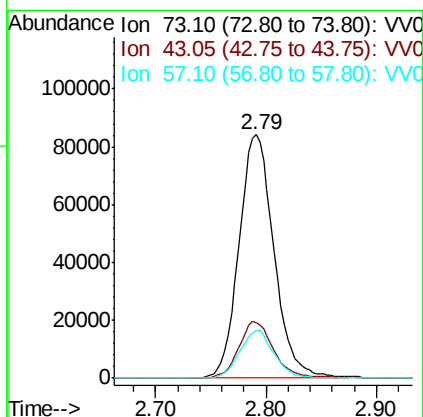
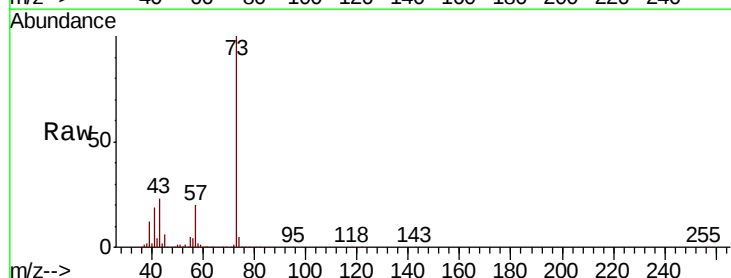
Instrument :
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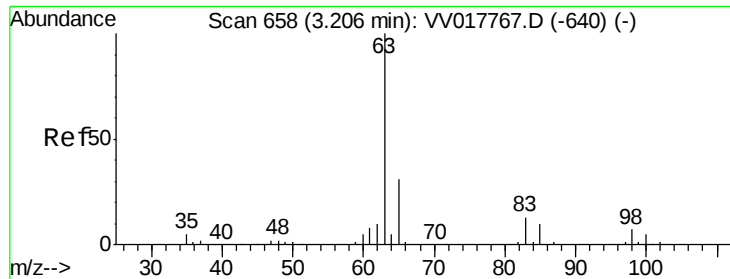
Tot Ion: 84 Resp: 22979
Ion Ratio Lower Upper
84 100
86 67.7 46.5 86.3
49 113.7 79.2 147.2



#17
Methyl tert-butyl Ether
Concen: 9.387 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV017769.D
Acq: 31 Jul 2020 12:43

Tgt Ion: 73 Resp: 184610
Ion Ratio Lower Upper
73 100
43 23.4 18.3 27.5
57 19.2 16.7 25.1

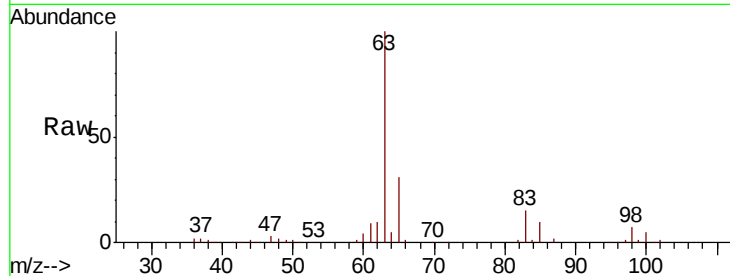




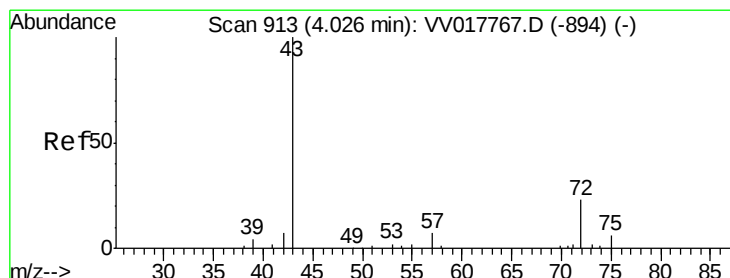
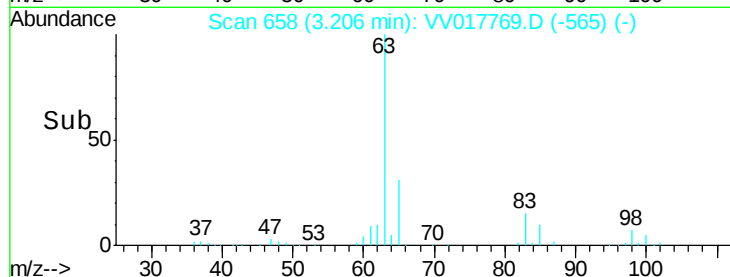
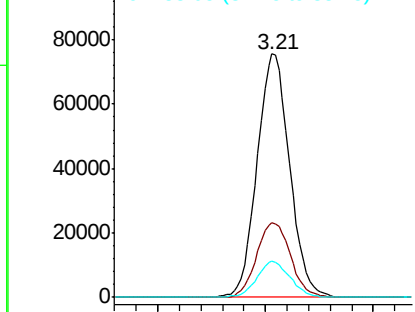
#19
 1,1-Dichloroethane
 Concen: 8.995 ug/L
 RT: 3.21 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VV017769.D
 Acq: 31 Jul 2020 12:43

Instrument :
 MSVOA_V
 ClientSampleId :
 DBFG9

Tot Ion: 63 Resp: 158140
 Ion Ratio Lower Upper
 63 100
 65 30.5 21.4 39.8
 83 15.0 10.4 19.4

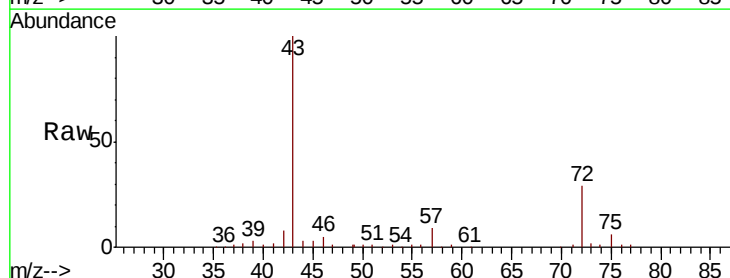


Abundance Ion 63.10 (62.80 to 63.80): VV0
 Ion 65.10 (64.80 to 65.80): VV0
 Ion 83.05 (82.75 to 83.75): VV0

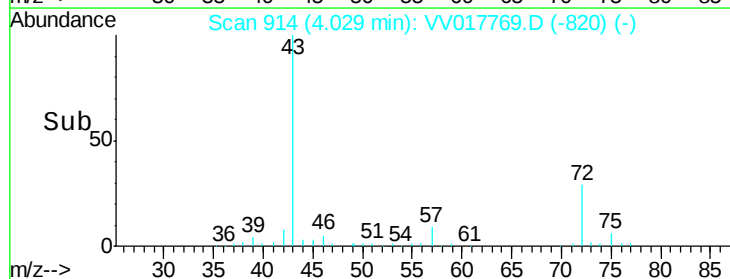
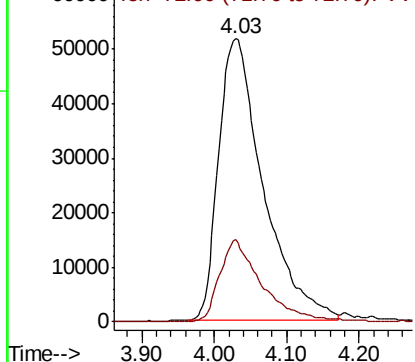


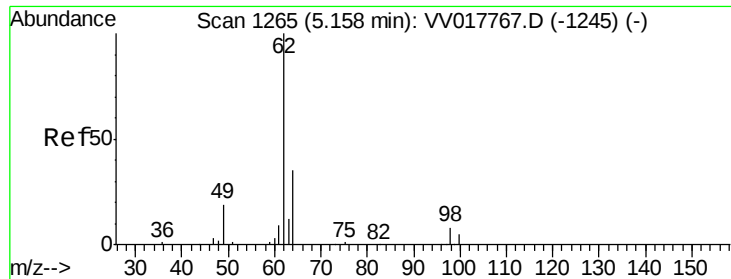
#21
 2-Butanone
 Concen: 102.378 ug/L
 RT: 4.03 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: VV017769.D
 Acq: 31 Jul 2020 12:43

Tgt Ion: 43 Resp: 220278
 Ion Ratio Lower Upper
 43 100
 72 27.7 13.0 38.9



Abundance Ion 43.00 (42.70 to 43.70): VV0
 Ion 72.00 (71.70 to 72.70): VV0





#27

1,2-Dichloroethane

Concen: 7.627 ug/L

RT: 5.16 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VV017769.D

Acq: 31 Jul 2020 12:43

Instrument :

MSVOA_V

ClientSampled :

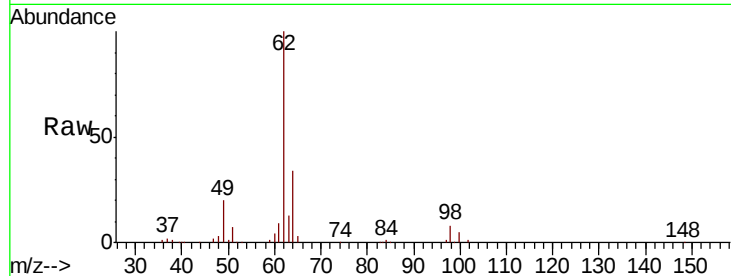
DBFG9

Tot Ion: 62 Resp: 97590

Ion Ratio Lower Upper

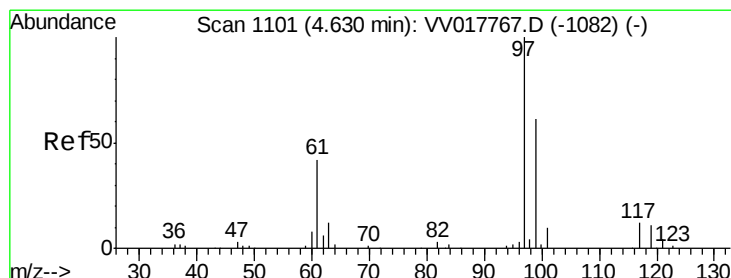
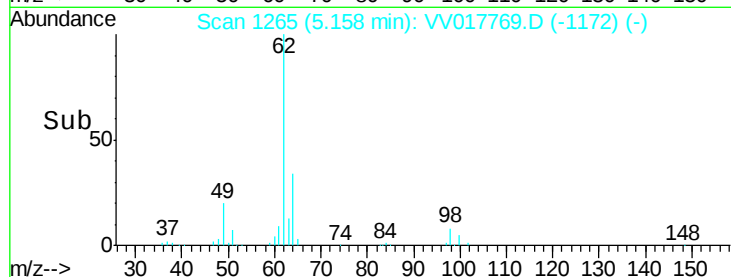
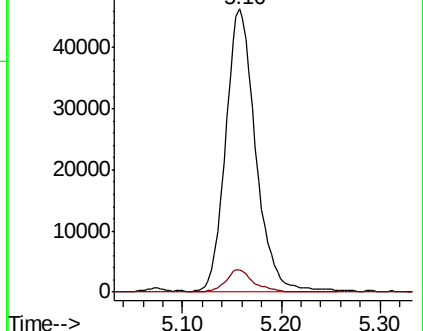
62 100

98 7.9 7.0 10.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0



#29

1,1,1-Trichloroethane

Concen: 8.999 ug/L

RT: 4.63 min Scan# 1101

Delta R.T. 0.00 min

Lab File: VV017769.D

Acq: 31 Jul 2020 12:43

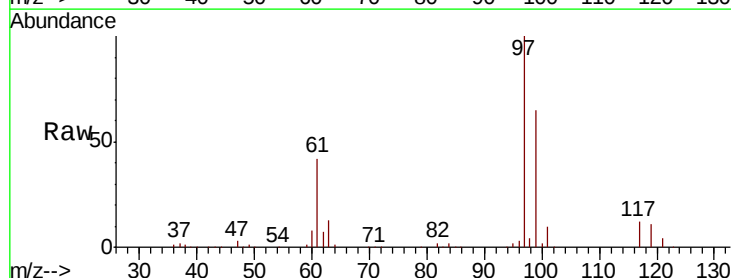
Tgt Ion: 97 Resp: 174057

Ion Ratio Lower Upper

97 100

99 66.0 50.6 76.0

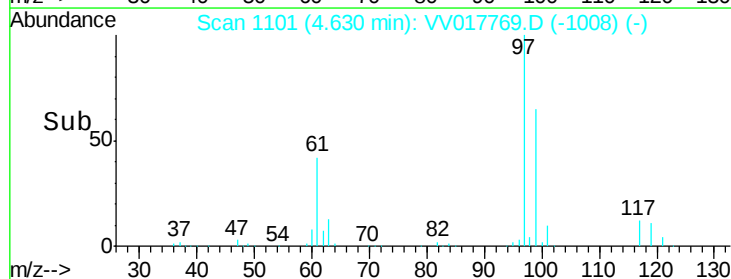
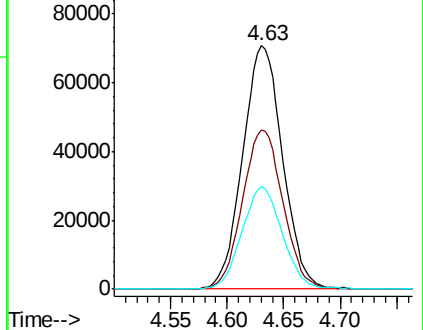
61 42.6 35.7 53.5

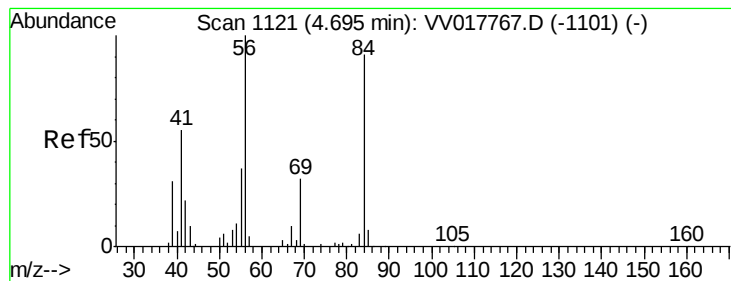


Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 61.05 (60.75 to 61.75): VV0





#30

Cyclohexane

Concen: 10.371 ug/L

RT: 4.70 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VV017769.D

Acq: 31 Jul 2020 12:43

Instrument :

MSVOA_V

ClientSampleId :

DBFG9

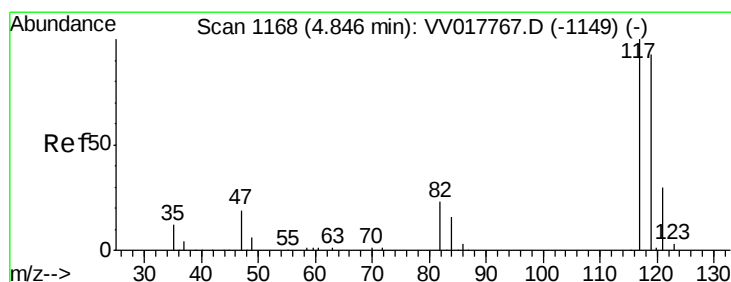
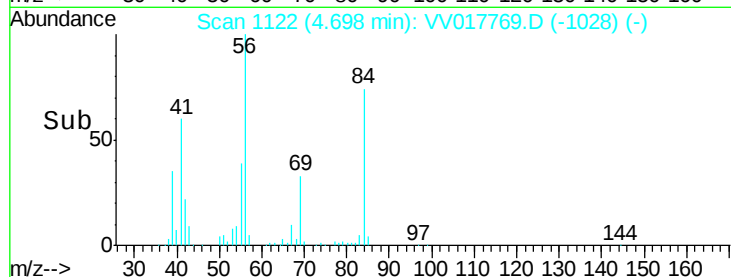
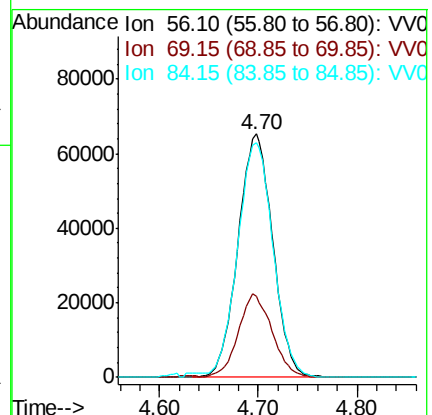
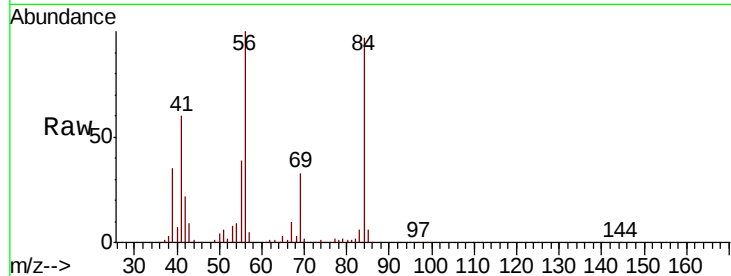
Tot Ion: 56 Resp: 158938

Ion Ratio Lower Upper

56 100

69 33.3 25.4 38.2

84 99.1 73.0 109.4



#31

Carbon tetrachloride

Concen: 1.205 ug/L

RT: 4.63 min Scan# 1101

Delta R.T. -0.22 min

Lab File: VV017769.D

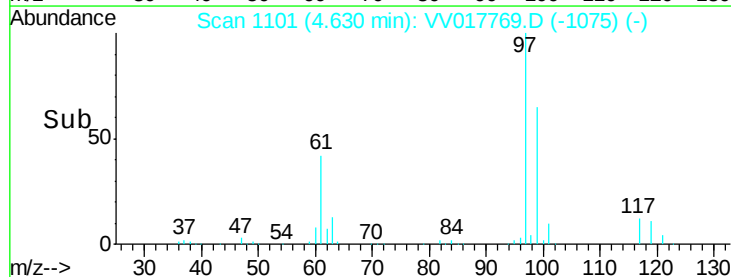
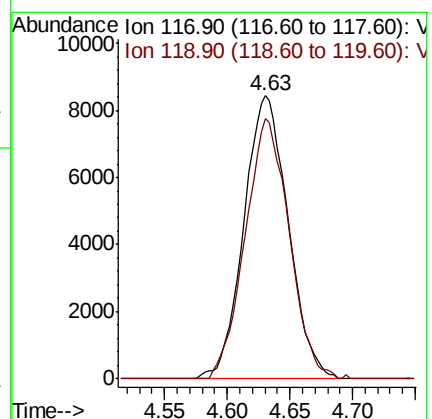
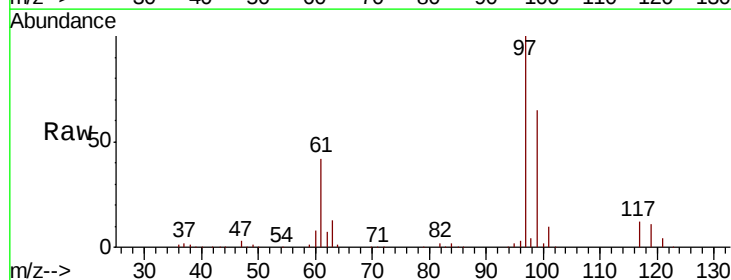
Acq: 31 Jul 2020 12:43

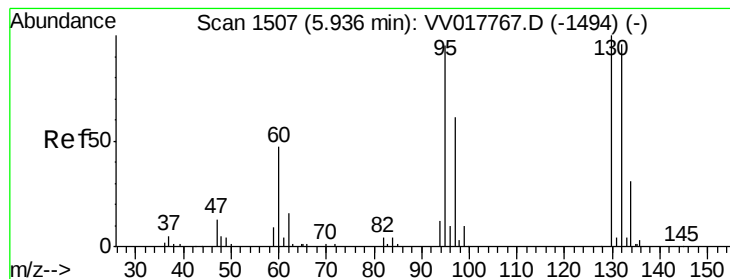
Tgt Ion: 117 Resp: 20740

Ion Ratio Lower Upper

117 100

119 91.3 76.9 115.3





#34

Trichloroethene

Concen: 5.363 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV017769.D

Acq: 31 Jul 2020 12:43

Instrument :

MSVOA_V

ClientSampleID :

DBFG9

Tot Ion: 95 Resp: 58617

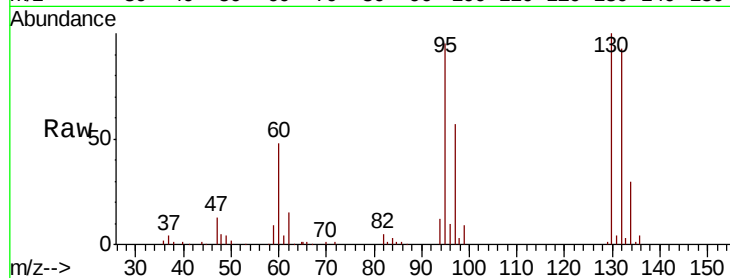
Ion Ratio Lower Upper

95 100

97 60.6 46.1 85.5

132 97.9 71.7 133.1

130 105.5 74.3 137.9

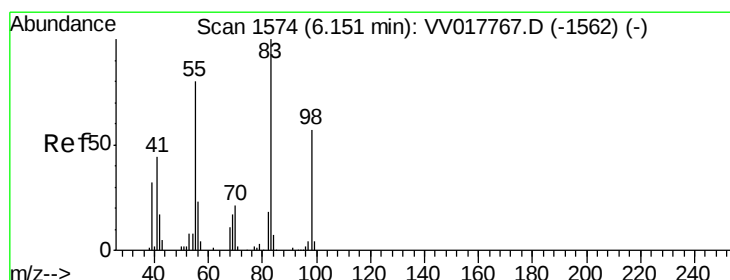
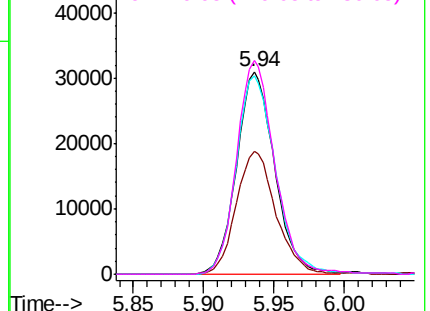
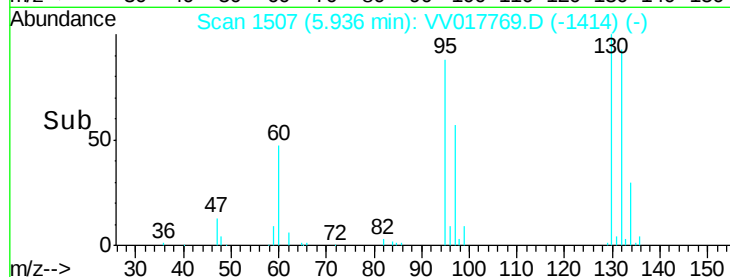


Abundance Ion 95.00 (94.70 to 95.70): VV017769.D (-1414) (-)

Ion 96.95 (96.65 to 97.65): VV017769.D (-1414) (-)

Ion 131.95 (131.65 to 132.65): VV017769.D (-1414) (-)

Ion 129.95 (129.65 to 130.65): VV017769.D (-1414) (-)



#35

Methylcyclohexane

Concen: 6.391 ug/L

RT: 6.15 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VV017769.D

Acq: 31 Jul 2020 12:43

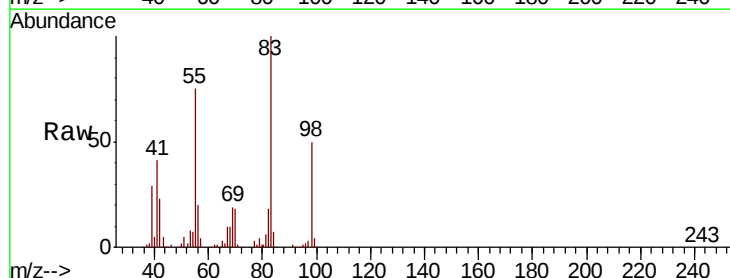
Tgt Ion: 83 Resp: 105681

Ion Ratio Lower Upper

83 100

55 75.3 61.8 92.8

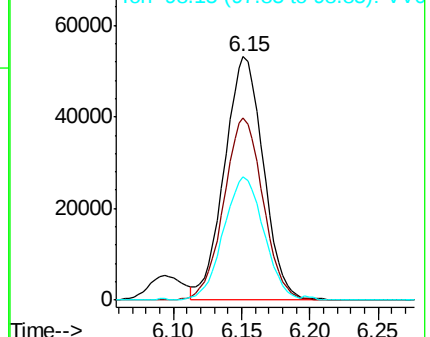
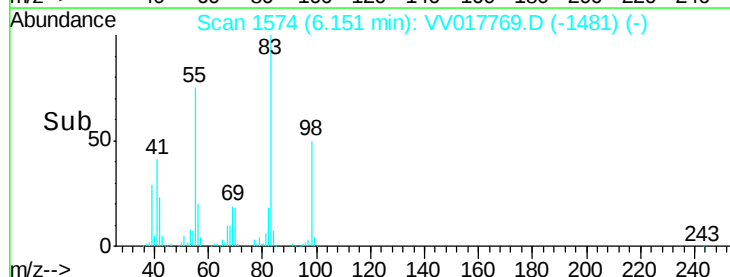
98 51.7 39.0 58.6

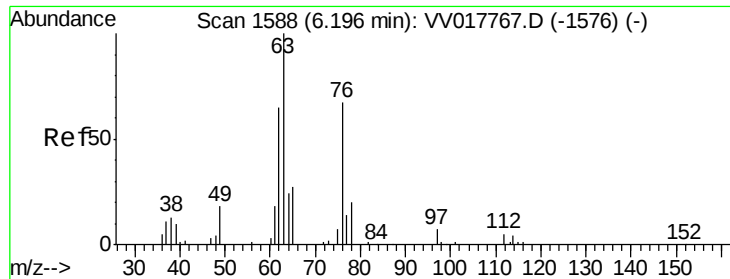


Abundance Ion 83.15 (82.85 to 83.85): VV017769.D (-1481) (-)

Ion 55.10 (54.80 to 55.80): VV017769.D (-1481) (-)

Ion 98.15 (97.85 to 98.85): VV017769.D (-1481) (-)

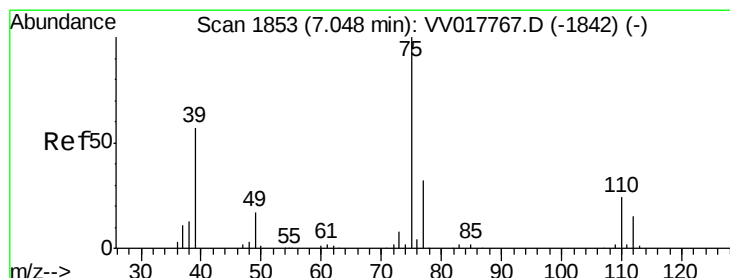
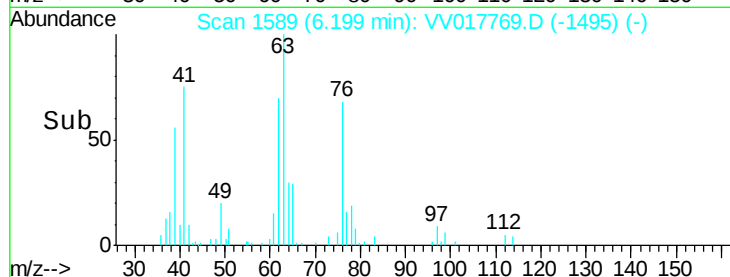
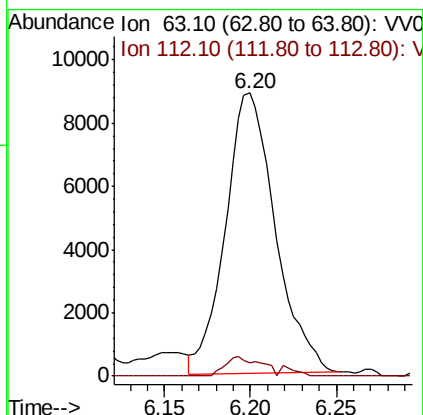
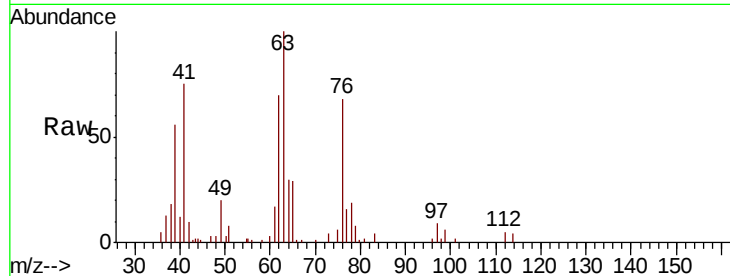




#37
 1,2-Dichloropropane
 Concen: 1.946 ug/L
 RT: 6.20 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: VV017769.D
 Acq: 31 Jul 2020 12:43

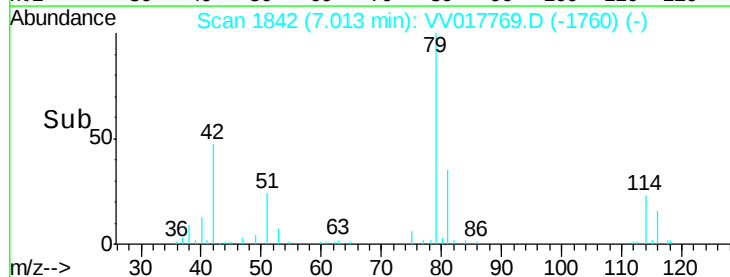
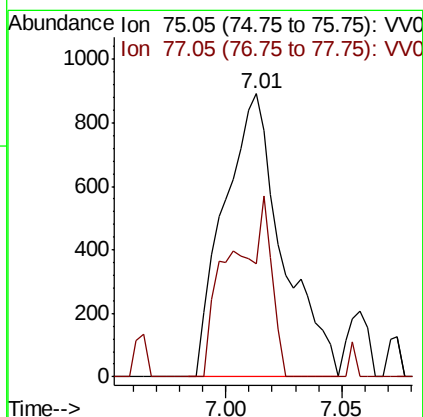
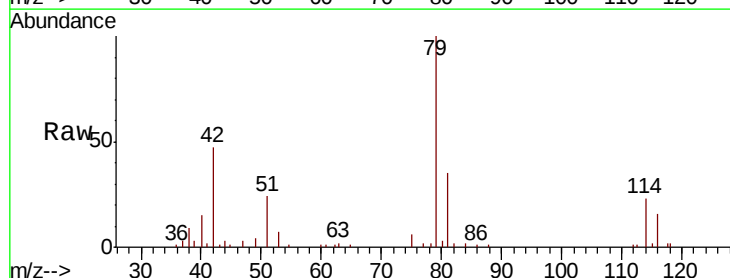
Instrument :
 MSVOA_V
 ClientSampleId :
 DBFG9

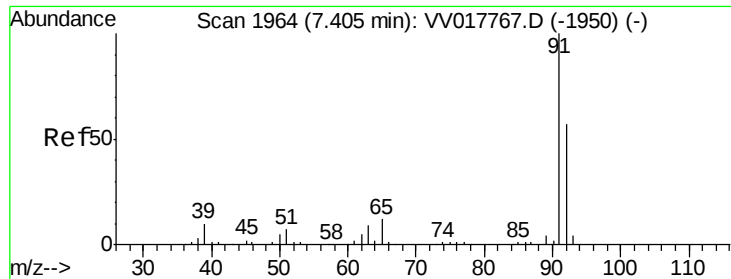
Tot Ion: 63 Resp: 17901
 Ion Ratio Lower Upper
 63 100
 112 4.9 4.5 6.7



#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV017769.D
 Acq: 31 Jul 2020 12:43

Tgt Ion: 75 Resp: 1557
 Ion Ratio Lower Upper
 75 100
 77 39.8 23.2 43.2





#42

Toluene

Concen: 8.598 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV017769.D

Acq: 31 Jul 2020 12:43

Instrument :

MSVOA_V

ClientSampleId :

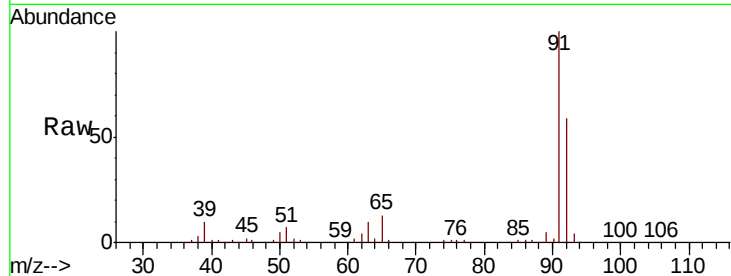
DBFG9

Tot Ion: 91 Resp: 367052

Ion Ratio Lower Upper

91 100

92 59.1 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV017767.D (-1950) (-)

Ion 92.15 (91.85 to 92.85): VV017769.D (-1871) (-)

7.41

250000

200000

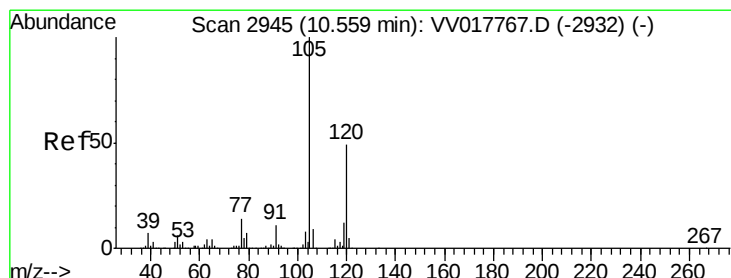
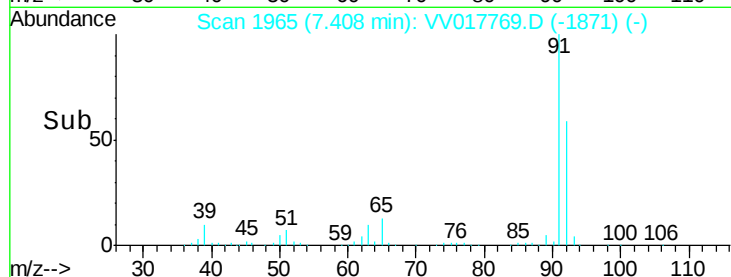
150000

100000

50000

0

Time--> 7.30 7.35 7.40 7.45 7.50



#43

1,3,5-Trimethylbenzene

Concen: 4.246 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.61 min

Lab File: VV017769.D

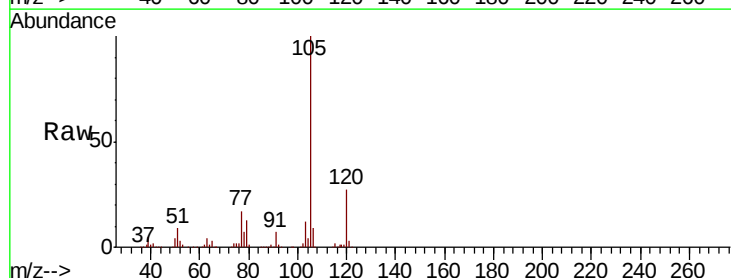
Acq: 31 Jul 2020 12:43

Tgt Ion:105 Resp: 169244

Ion Ratio Lower Upper

105 100

120 27.2 39.4 59.2#



Abundance Ion 105.00 (104.70 to 105.70): VV017767.D (-2932) (-)

Ion 120.00 (119.70 to 120.70): VV017769.D (-1871) (-)

9.95

120000

100000

80000

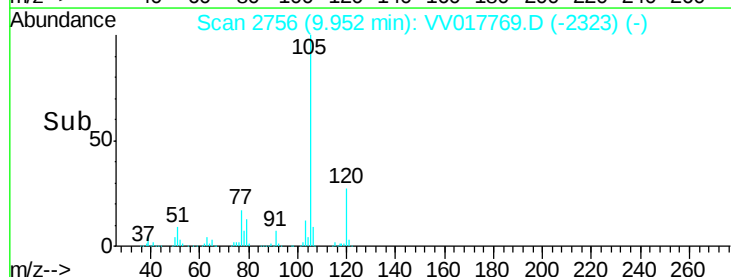
60000

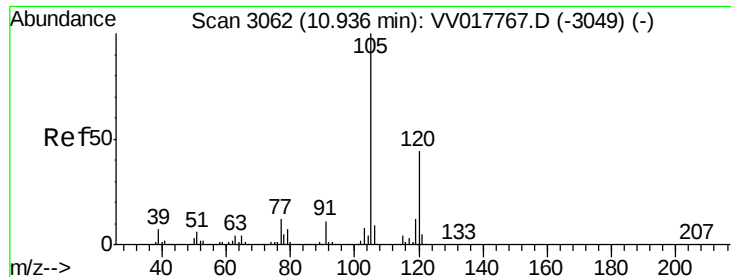
40000

20000

0

Time--> 9.90 9.95 10.00

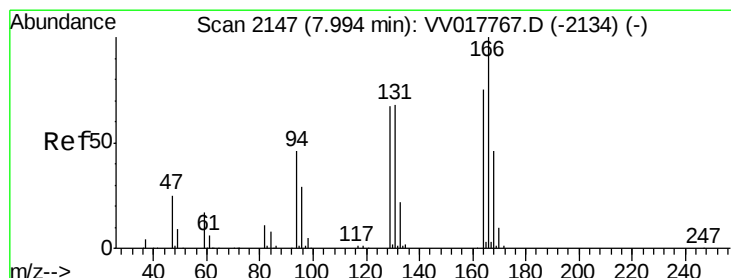
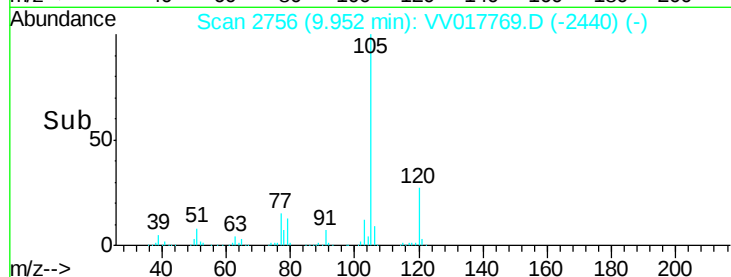
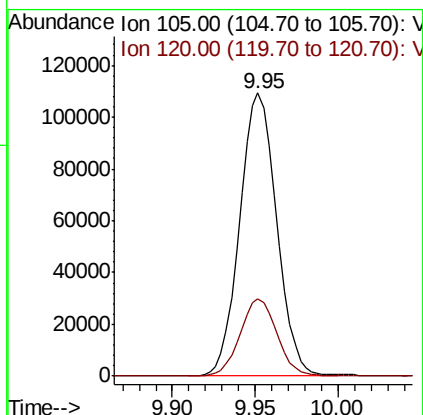
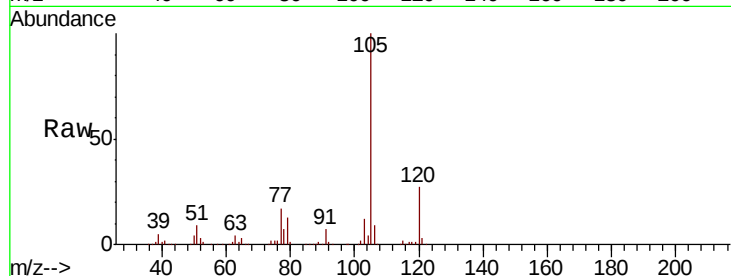




#44
 1,2,4-Trimethylbenzene
 Concen: 4.156 ug/L
 RT: 9.95 min Scan# 2756
 Delta R.T. -0.98 min
 Lab File: VV017769.D
 Acq: 31 Jul 2020 12:43

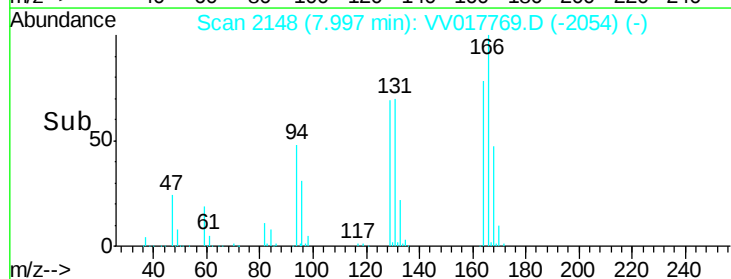
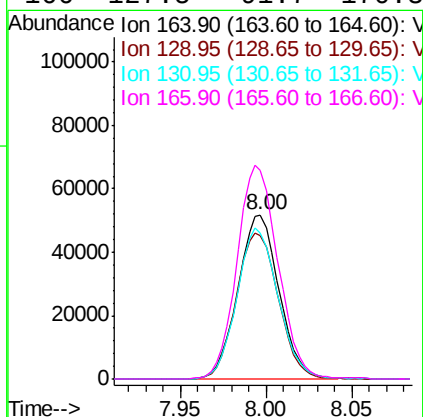
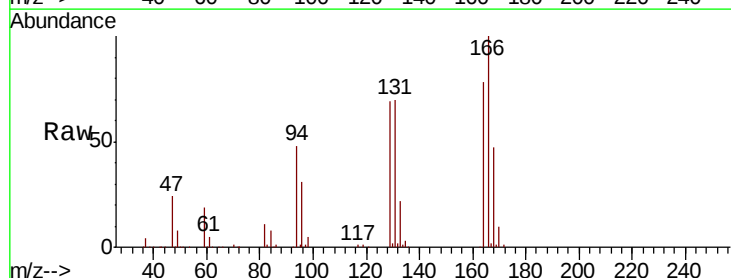
Instrument :
 MSVOA_V
 ClientSampleId :
 DBFG9

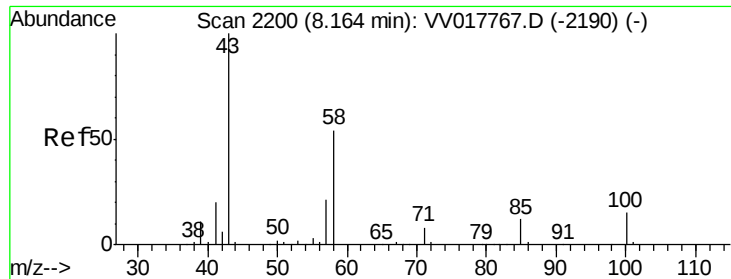
Tot Ion:105 Resp: 169244
 Ion Ratio Lower Upper
 105 100
 120 27.2 35.9 53.9#



#49
 Tetrachloroethene
 Concen: 8.893 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV017769.D
 Acq: 31 Jul 2020 12:43

Tgt Ion:164 Resp: 85706
 Ion Ratio Lower Upper
 164 100
 129 87.8 65.0 120.8
 131 89.2 63.6 118.2
 166 127.5 91.7 170.3

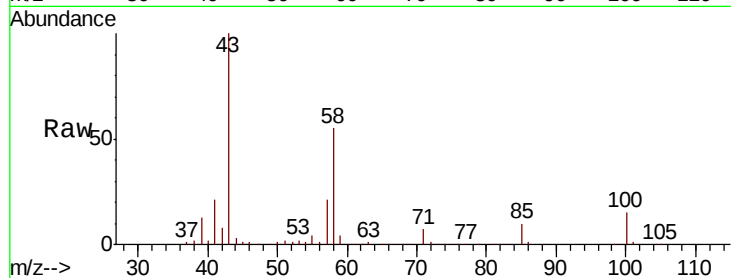




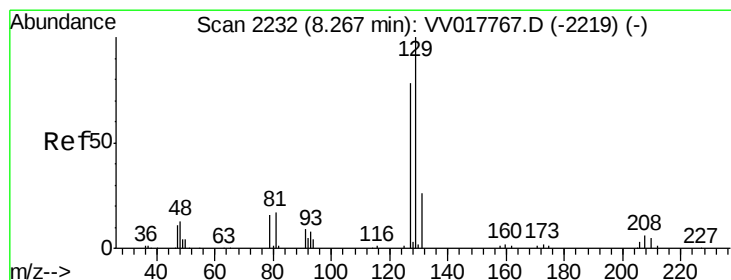
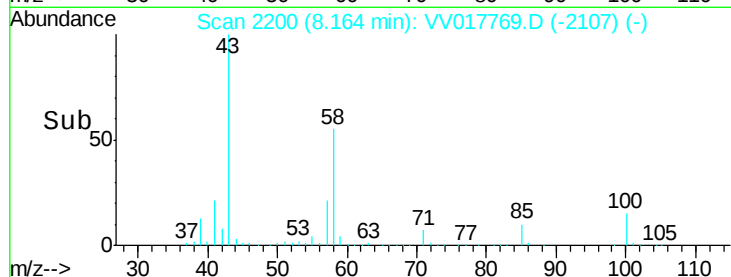
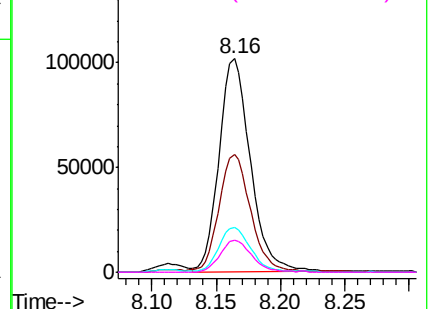
#50
2-Hexanone
Concen: 48.070 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.00 min
Lab File: VV017769.D
Acq: 31 Jul 2020 12:43

Instrument :
MSVOA_V
ClientSampleId :
DBFG9

Tot Ion: 43 Resp: 171509
Ion Ratio Lower Upper
43 100
58 55.5 41.6 62.4
57 21.3 15.4 23.0
100 15.3 11.2 16.8

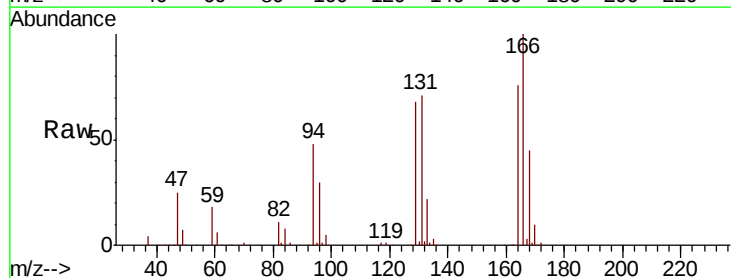


Abundance Ion 43.05 (42.75 to 43.75): VV017769.D (-2107) (-)
Ion 58.05 (57.75 to 58.75): VV017769.D (-2107) (-)
Ion 57.20 (56.90 to 57.90): VV017769.D (-2107) (-)
Ion 100.15 (99.85 to 100.85): VV017769.D (-2107) (-)

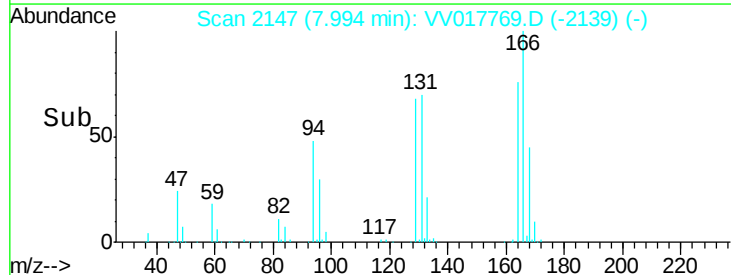
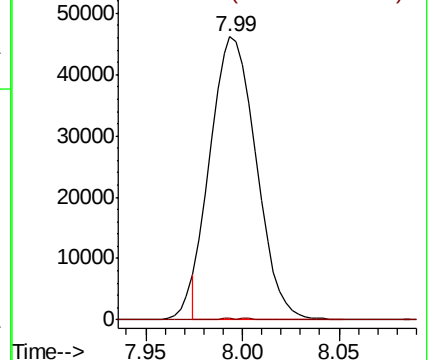


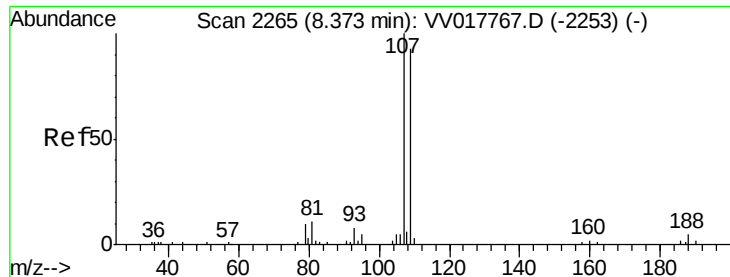
#51
Dibromochloromethane
Concen: 8.464 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. -0.27 min
Lab File: VV017769.D
Acq: 31 Jul 2020 12:43

Tgt Ion: 129 Resp: 75140
Ion Ratio Lower Upper
129 100
127 0.6 56.3 104.5#



Abundance Ion 128.95 (128.65 to 129.65): VV017769.D (-2139) (-)
Ion 126.90 (126.60 to 127.60): VV017769.D (-2139) (-)

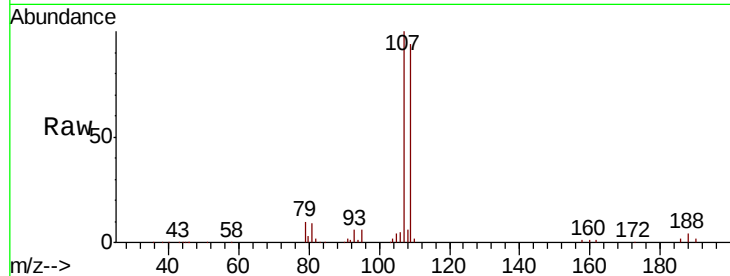




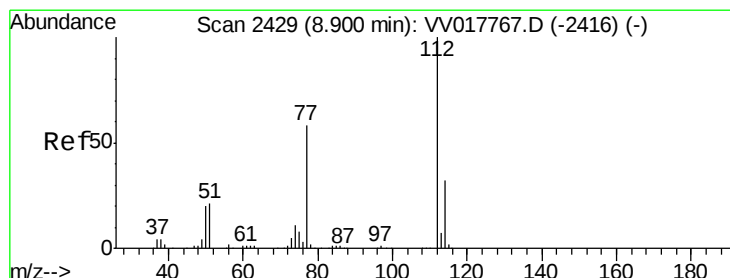
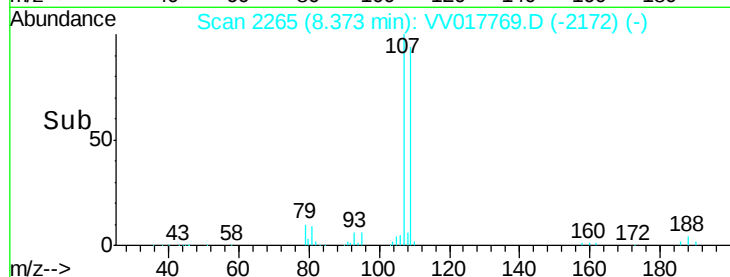
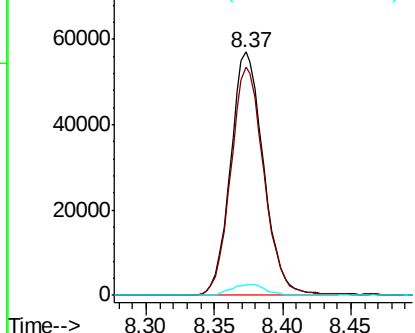
#52
 1,2-Dibromoethane
 Concen: 14.561 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.00 min
 Lab File: VV017769.D
 Acq: 31 Jul 2020 12:43

Instrument :
 MSVOA_V
 ClientSampleId :
 DBFG9

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	65.5	121.7
188	4.3	3.7	5.5

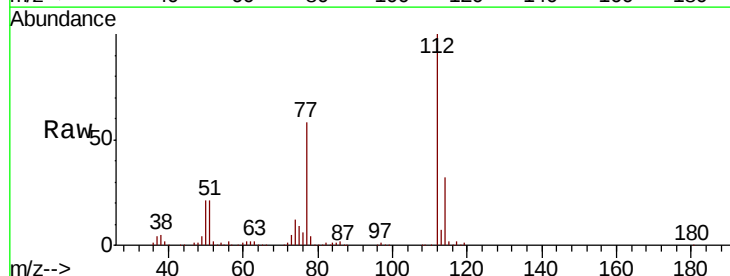


Abundance Ion 106.95 (106.65 to 107.65): V
 Ion 109.00 (108.70 to 109.70): V
 Ion 187.90 (187.60 to 188.60): V

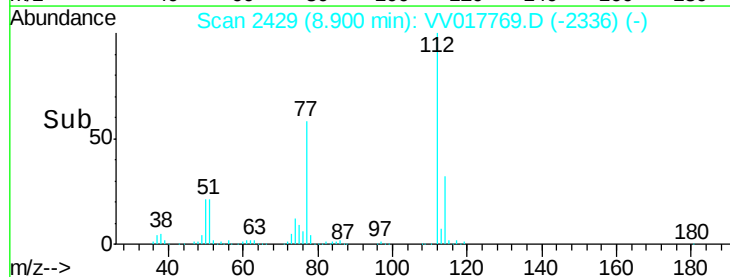
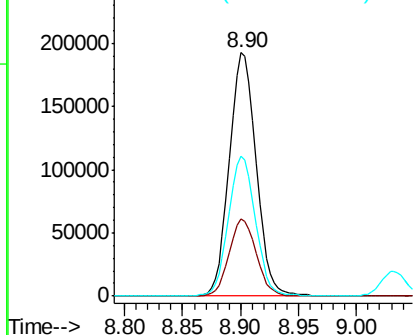


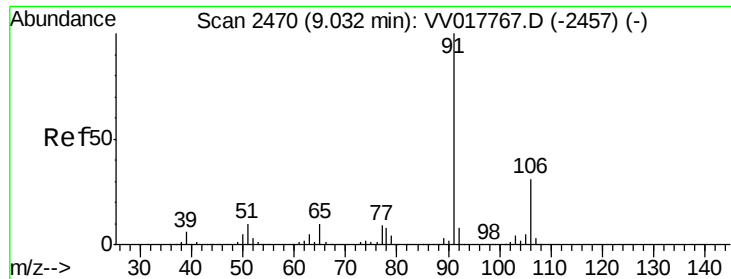
#53
 Chlorobenzene
 Concen: 10.843 ug/L
 RT: 8.90 min Scan# 2429
 Delta R.T. 0.00 min
 Lab File: VV017769.D
 Acq: 31 Jul 2020 12:43

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.5	23.2	43.2
77	57.6	45.6	68.4



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





#54

Ethylbenzene

Concen: 6.757 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV017769.D

Acq: 31 Jul 2020 12:43

Instrument :

MSVOA_V

ClientSampleId :

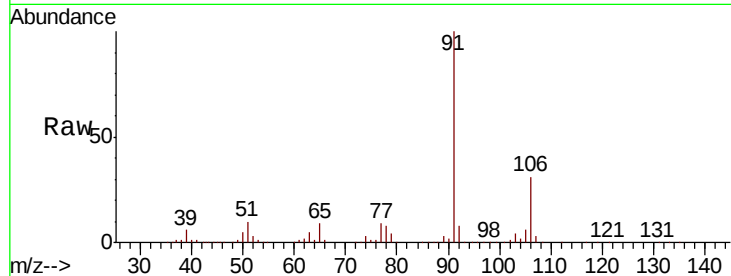
DBFG9

Tot Ion: 91 Resp: 322949

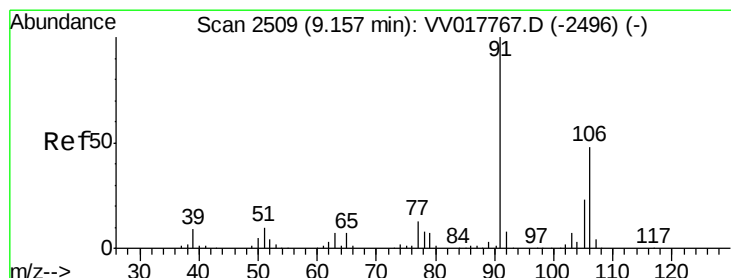
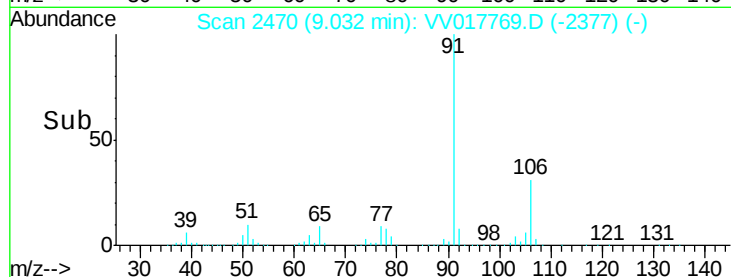
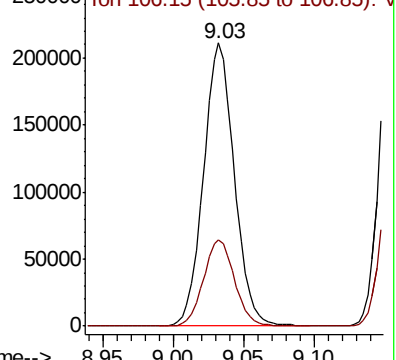
Ion Ratio Lower Upper

91 100

106 30.6 21.6 40.2



Abundance Ion 91.15 (90.85 to 91.85): VV017769.D (-2377) (-)



#55

m,p-xylene

Concen: 13.869 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV017769.D

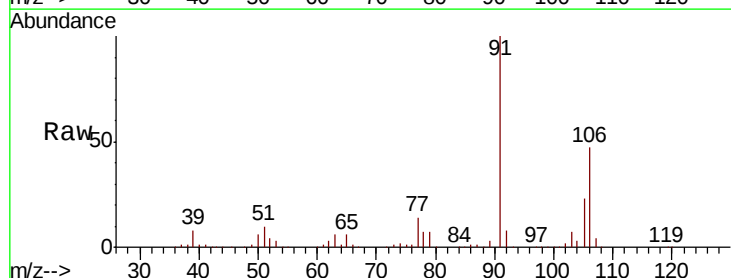
Acq: 31 Jul 2020 12:43

Tgt Ion: 106 Resp: 249655

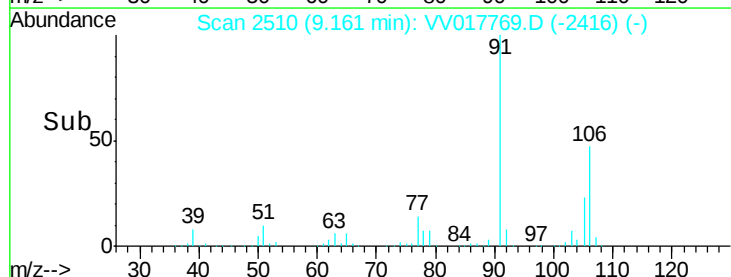
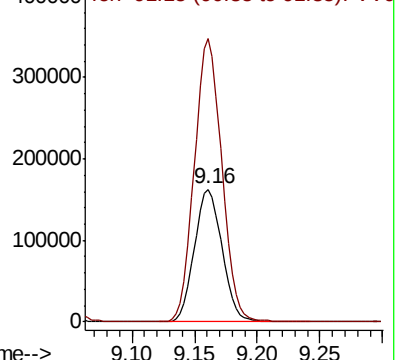
Ion Ratio Lower Upper

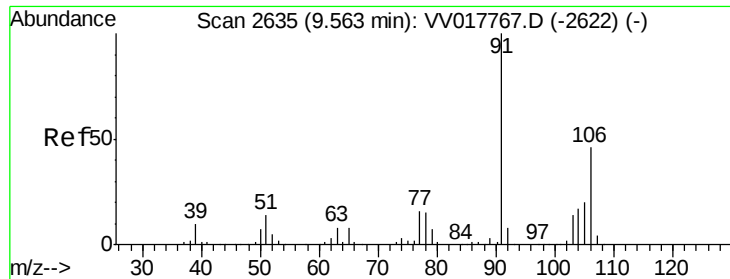
106 100

91 213.6 141.3 262.3



Abundance Ion 106.15 (105.85 to 106.85): VV017769.D (-2416) (-)

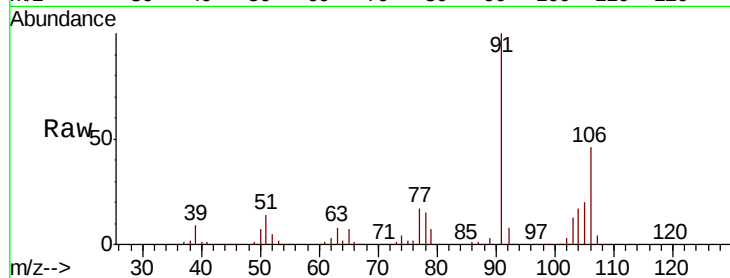




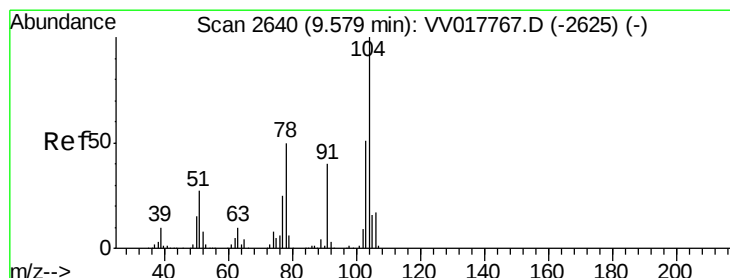
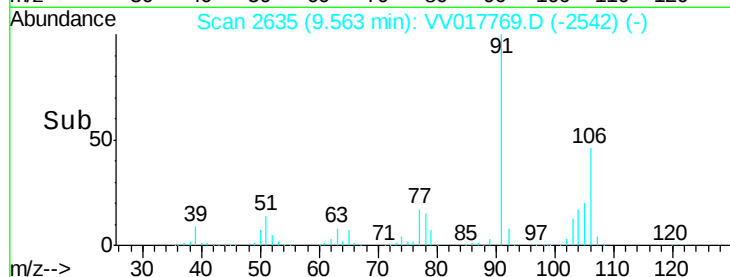
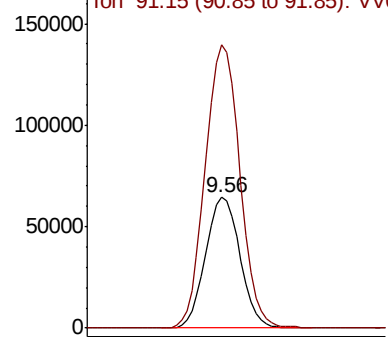
#56
o-xylene
Concen: 5.701 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. 0.00 min
Lab File: VV017769.D
Acq: 31 Jul 2020 12:43

Instrument :
MSVOA_V
ClientSampleId :
DBFG9

Tot Ion:106 Resp: 99587
Ion Ratio Lower Upper
106 100
91 216.1 153.9 285.7

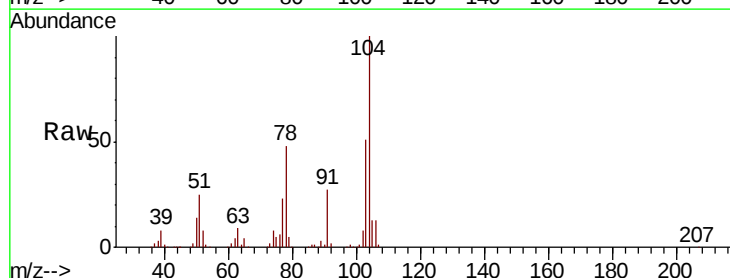


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

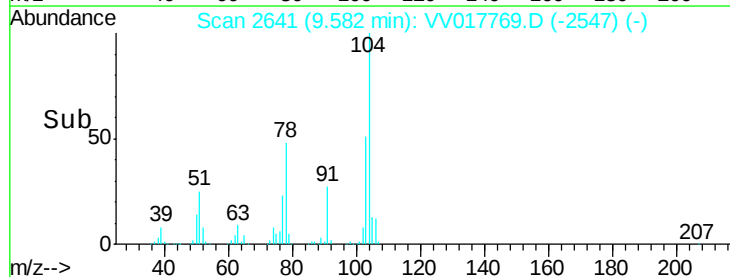
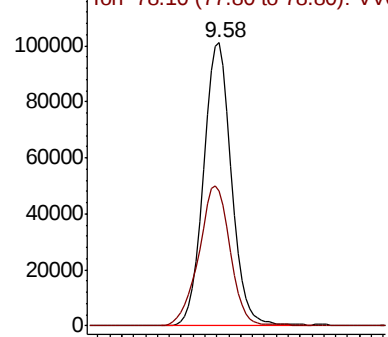


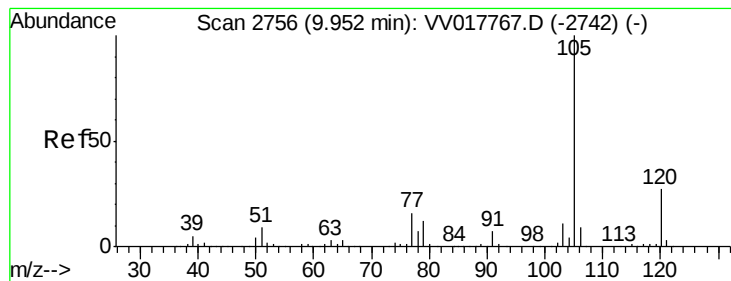
#57
Styrene
Concen: 5.645 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. 0.00 min
Lab File: VV017769.D
Acq: 31 Jul 2020 12:43

Tgt Ion:104 Resp: 164536
Ion Ratio Lower Upper
104 100
78 47.6 34.0 63.2



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VV0





#58

Isopropylbenzene

Concen: 3.512 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VV017769.D

Acq: 31 Jul 2020 12:43

Instrument :

MSVOA_V

ClientSampleId :

DBFG9

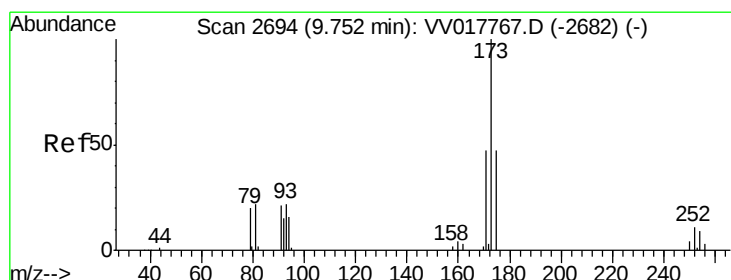
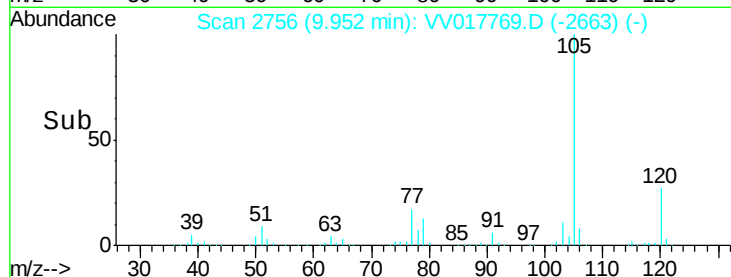
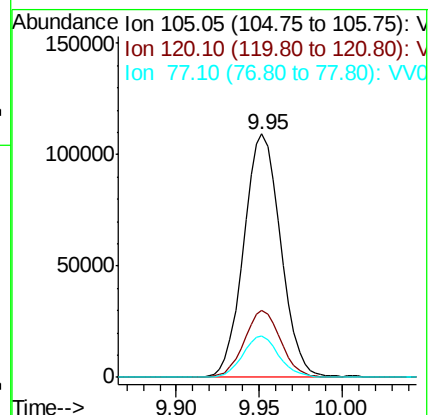
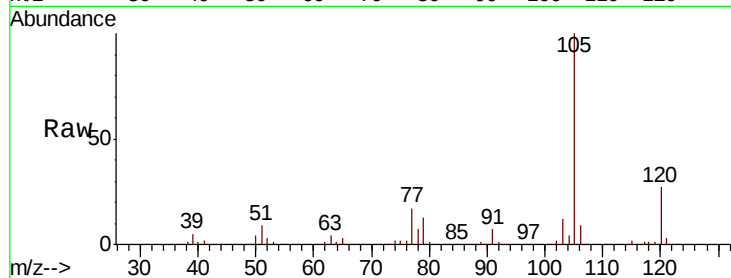
Tot Ion:105 Resp: 169244

Ion Ratio Lower Upper

105 100

120 27.2 21.1 31.7

77 16.7 13.0 19.6



#62

Bromoform

Concen: 5.273 ug/L

RT: 9.75 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VV017769.D

Acq: 31 Jul 2020 12:43

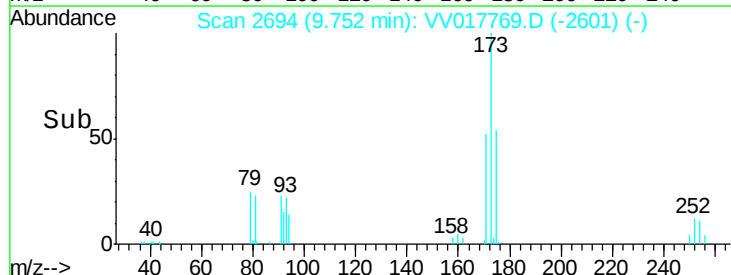
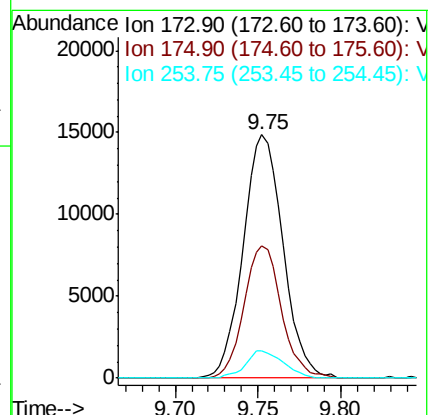
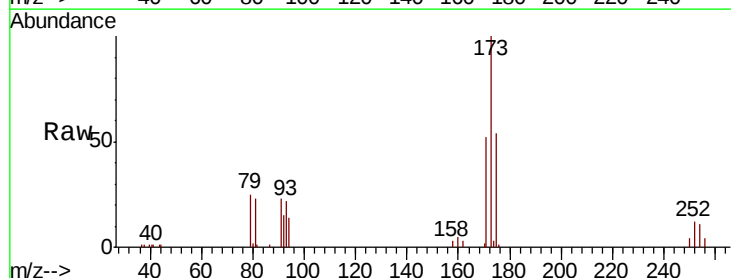
Tgt Ion:173 Resp: 24844

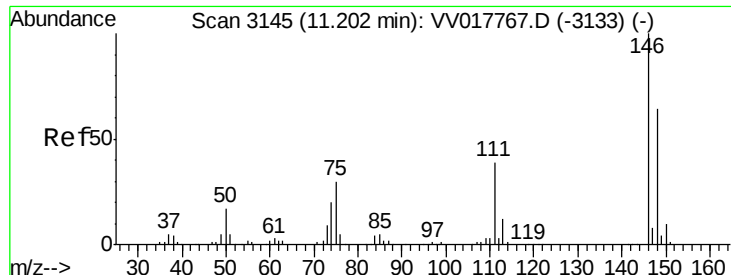
Ion Ratio Lower Upper

173 100

175 51.1 39.6 59.4

254 10.7 8.4 12.6

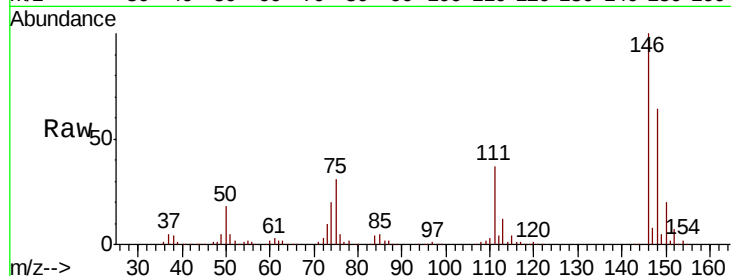




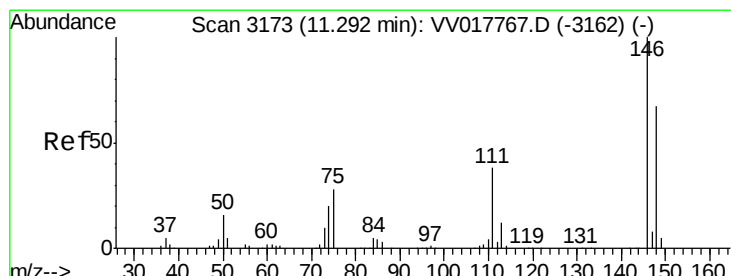
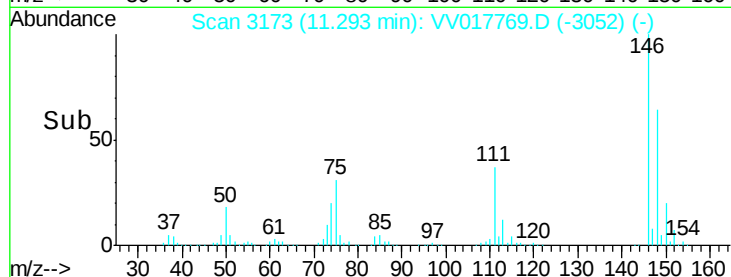
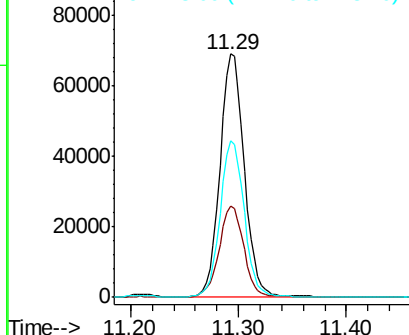
#63
 1,3-Dichlorobenzene
 Concen: 4.568 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.09 min
 Lab File: VV017769.D
 Acq: 31 Jul 2020 12:43

Instrument :
 MSVOA_V
 ClientSampleId :
 DBFG9

Tot Ion:146 Resp: 108278
 Ion Ratio Lower Upper
 146 100
 111 37.4 27.3 50.7
 148 64.1 45.6 84.6

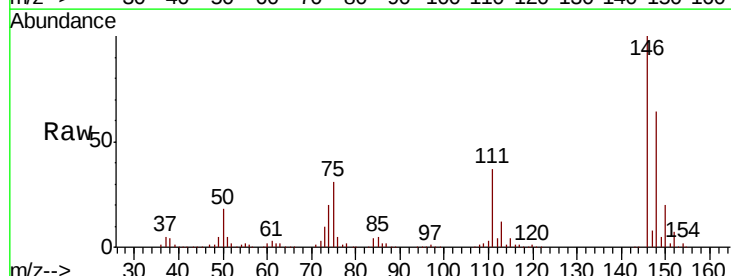


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

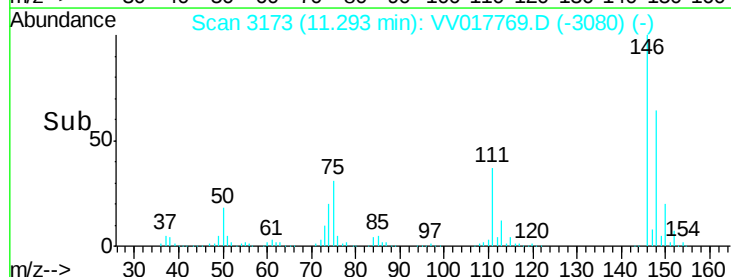
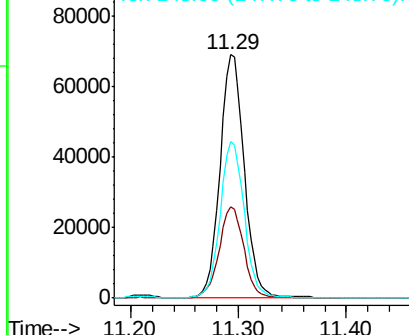


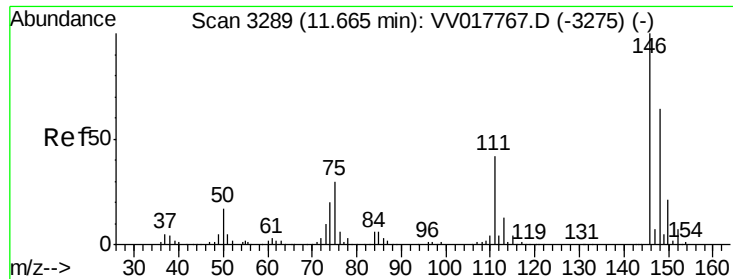
#64
 1,4-Dichlorobenzene
 Concen: 4.553 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV017769.D
 Acq: 31 Jul 2020 12:43

Tgt Ion:146 Resp: 108278
 Ion Ratio Lower Upper
 146 100
 111 37.4 27.4 51.0
 148 64.1 43.8 81.4



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-Dichlorobenzene

Concen: 12.756 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV017769.D

Acq: 31 Jul 2020 12:43

Instrument :

MSVOA_V

ClientSampled :

DBFG9

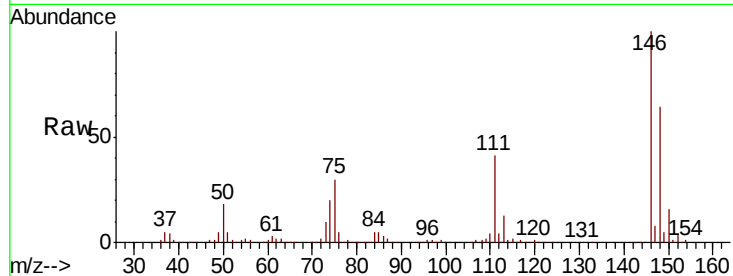
Tot Ion:146 Resp: 275395

Ion Ratio Lower Upper

146 100

111 40.6 33.0 49.4

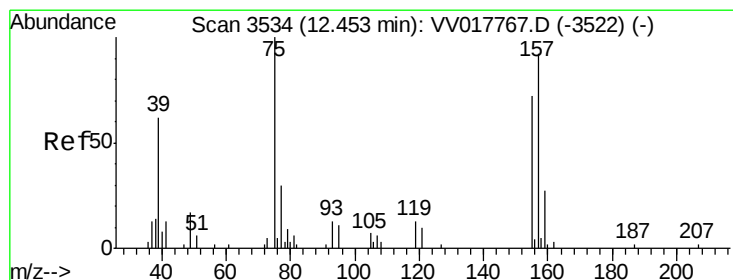
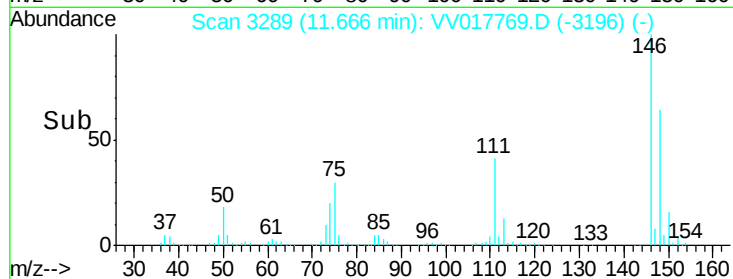
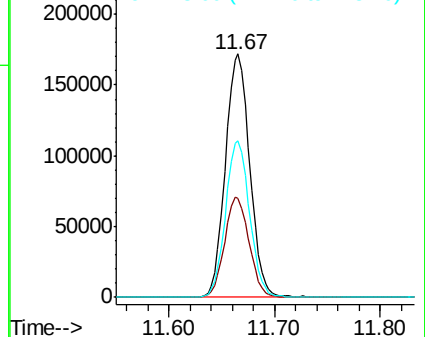
148 64.3 49.9 74.9



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



#67

1,2-Dibromo-3-chloropropane

Concen: 3.894 ug/L

RT: 12.45 min Scan# 3533

Delta R.T. -0.00 min

Lab File: VV017769.D

Acq: 31 Jul 2020 12:43

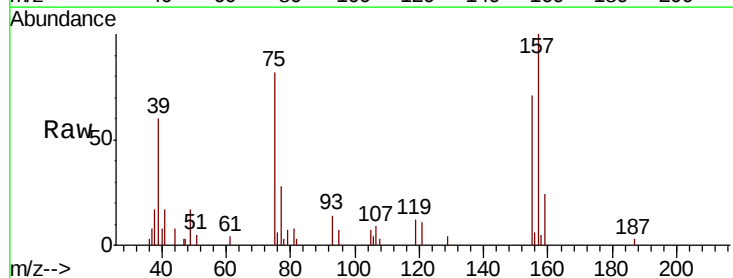
Tgt Ion: 75 Resp: 5257

Ion Ratio Lower Upper

75 100

155 86.0 68.7 103.1

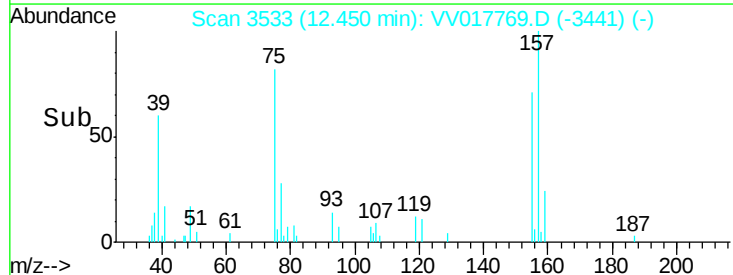
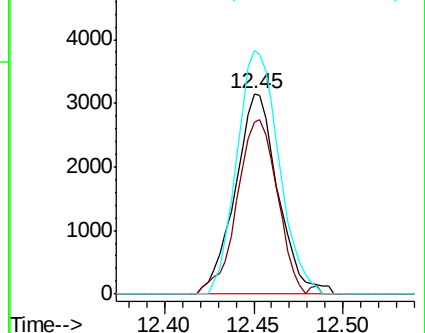
157 121.6 87.8 131.8

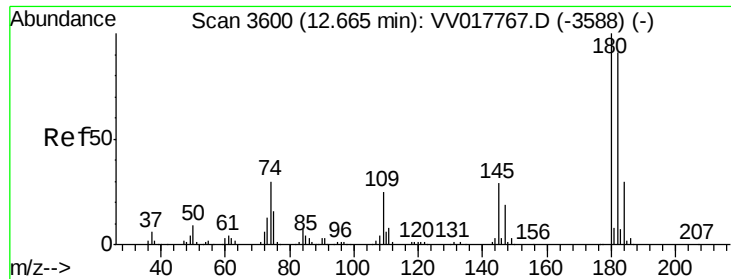


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

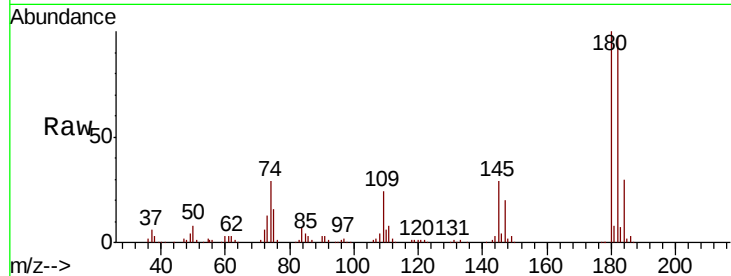




#68
 1,3,5-Trichlorobenzene
 Concen: 6.094 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VV017769.D
 Acq: 31 Jul 2020 12:43

Instrument :
 MSVOA_V
 ClientSampleId :
 DBFG9

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.1	115.7
184	30.5	25.2	37.8
145	29.3	24.1	36.1

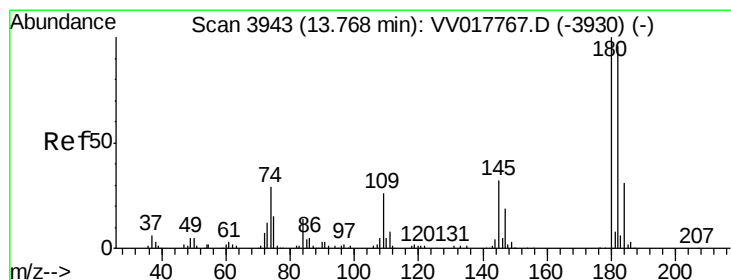
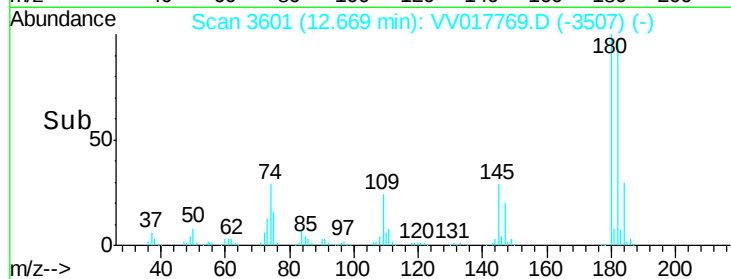
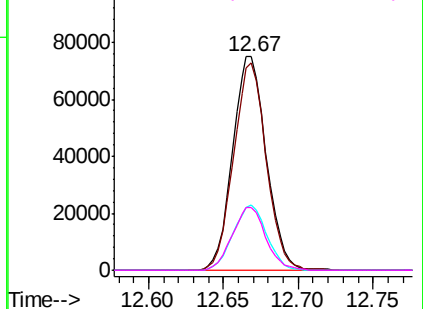


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

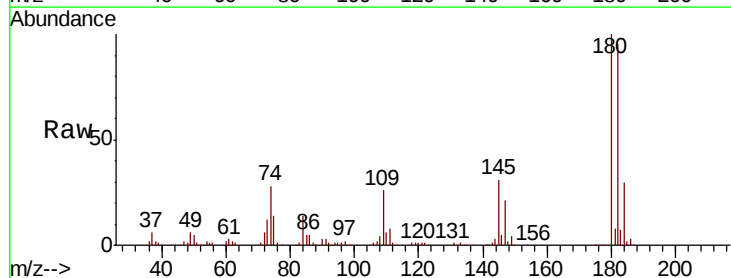
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#71
 1,2,3-Trichlorobenzene
 Concen: 10.724 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV017769.D
 Acq: 31 Jul 2020 12:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	74.2	111.4
145	32.1	26.0	39.0



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

