

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032219\
 Data File : VN054584.D
 Acq On : 23 Mar 2019 4:10
 Operator : JC/SP
 Sample : K2045-10
 Misc : 5.38g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB435-190318-(20-22)

Quant Time: Mar 23 05:00:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

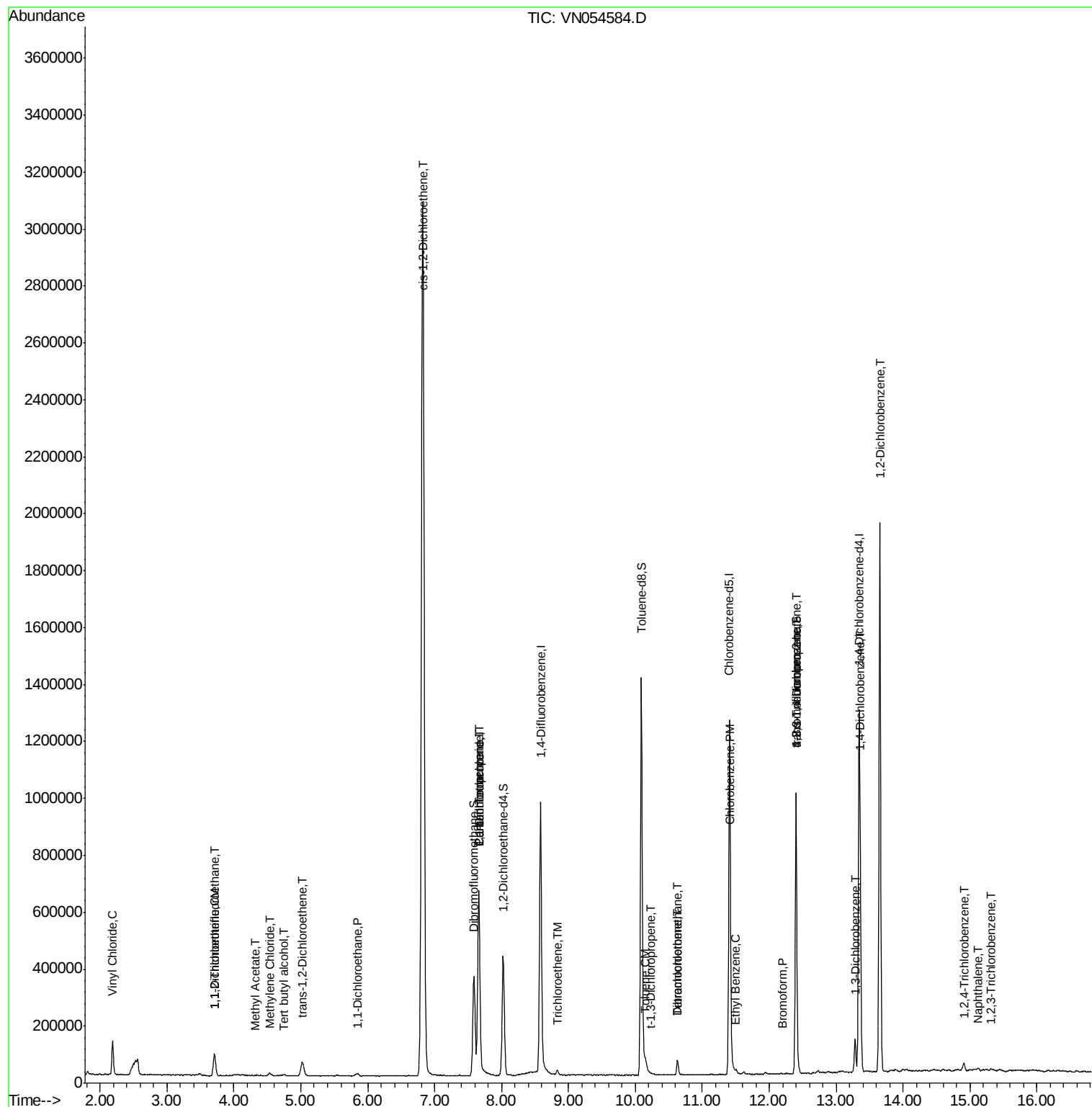
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	555641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	873111	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	745018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	317770	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	351314	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
35) Dibromofluoromethane	7.59	113	258701	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.98%	
50) Toluene-d8	10.09	98	1054926	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.40	95	340944	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.19	62	112720	15.535	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	2493	0.481	ug/l #	82
11) Tert butyl alcohol	4.75	59	1746	4.173	ug/l #	70
12) 1,1-Dichloroethene	3.71	96	35342	6.594	ug/l #	75
18) Methyl Acetate	4.33	43	1345	0.290	ug/l #	65
20) Methylene Chloride	4.53	84	4820	0.787	ug/l #	80
21) trans-1,2-Dichloroethene	5.02	96	31594	5.773	ug/l #	82
24) 1,1-Dichloroethane	5.84	63	11826	1.103	ug/l #	93
27) cis-1,2-Dichloroethene	6.82	96	1939725	297.164	ug/l	97
31) Cyclohexane	7.66	56	12800	Below Cal	#	11
36) 1,1-Dichloropropene	7.66	75	42359	5.189	ug/l #	47
38) Carbon Tetrachloride	7.66	117	50504	6.366	ug/l #	16
44) Trichloroethene	8.83	130	5514	0.850	ug/l	93
52) Toluene	10.15	92	7885	0.549	ug/l	99
53) t-1,3-Dichloropropene	10.24	75	114	2.245	ug/l #	42
60) Dibromochloromethane	10.63	129	10453	1.903	ug/l #	11
64) Tetrachloroethene	10.63	164	12148	1.966	ug/l	93
65) Chlorobenzene	11.43	112	10840	0.715	ug/l	93
67) Ethyl Benzene	11.51	91	5738	0.214	ug/l	96
71) Bromoform	12.20	173	123	2.252	ug/l #	28
76) 1,2,3-Trichloropropane	12.40	75	176681	35.038	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	176681	116.299	ug/l #	11
87) 1,3-Dichlorobenzene	13.28	146	49644	4.717	ug/l	96
88) 1,4-Dichlorobenzene	13.36	146	171998	16.797	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	817938	80.240	ug/l	98
93) 1,2,4-Trichlorobenzene	14.91	180	6923	1.362	ug/l	98
95) Naphthalene	15.14	128	4508	0.398	ug/l #	71
96) 1,2,3-Trichlorobenzene	15.32	180	1958	0.387	ug/l	95

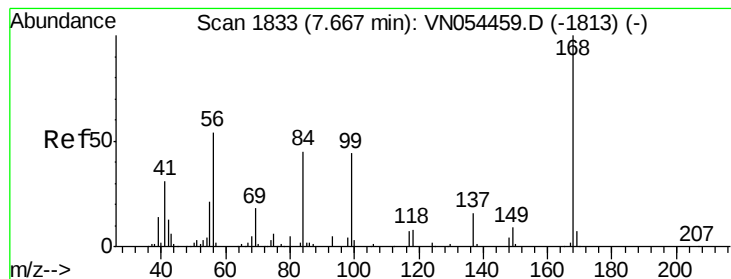
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VN054584.D

Acq: 23 Mar 2019 4:10

Instrument :

MSVOA_N

ClientSampleId :

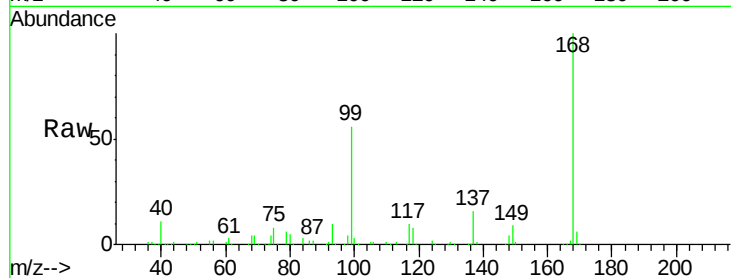
WP022SB435-190318-(20-22)

Tot Ion:168 Resp: 555641

Ion Ratio Lower Upper

168 100

99 56.5 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

250000

200000

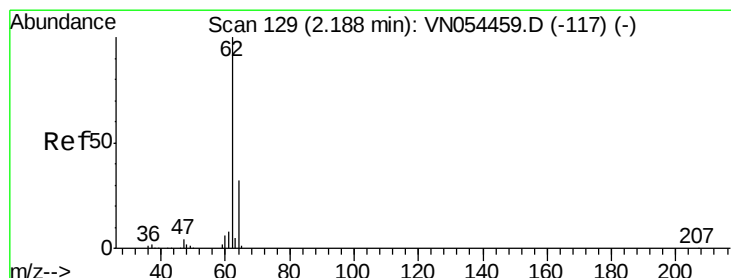
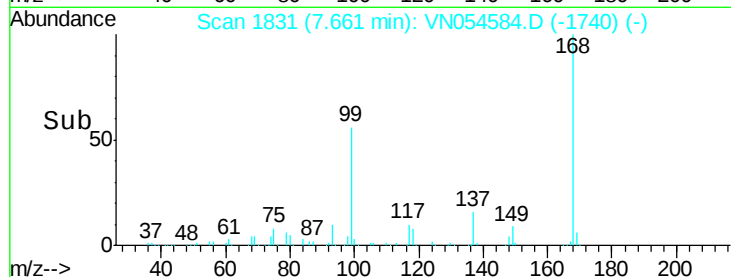
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 15.535 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN054584.D

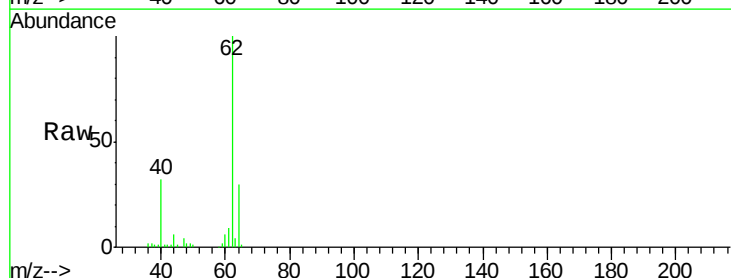
Acq: 23 Mar 2019 4:10

Tgt Ion: 62 Resp: 112720

Ion Ratio Lower Upper

62 100

64 30.1 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.19

80000

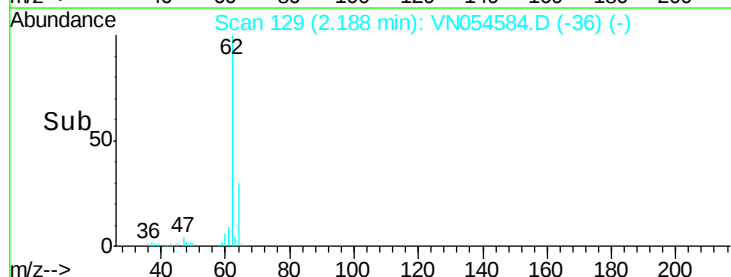
60000

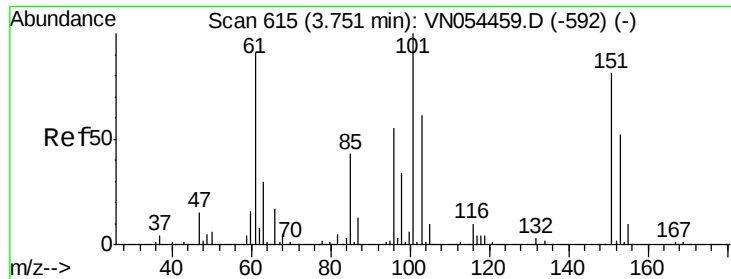
40000

20000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.481 ug/l

RT: 3.72 min Scan# 606

Delta R.T. -0.03 min

Lab File: VN054584.D

Acq: 23 Mar 2019 4:10

Instrument :

MSVOA_N

ClientSampleId :

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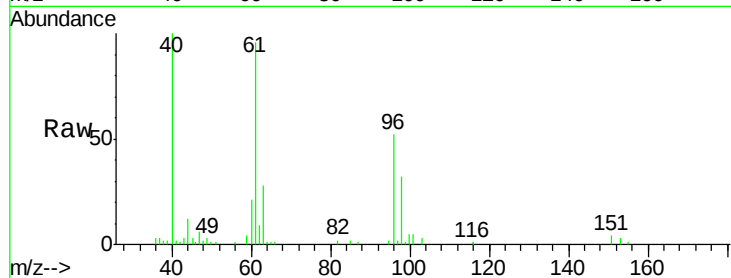
Tot Ion:101 Resp: 2493

Ion Ratio Lower Upper

101 100

85 39.8 32.4 48.6

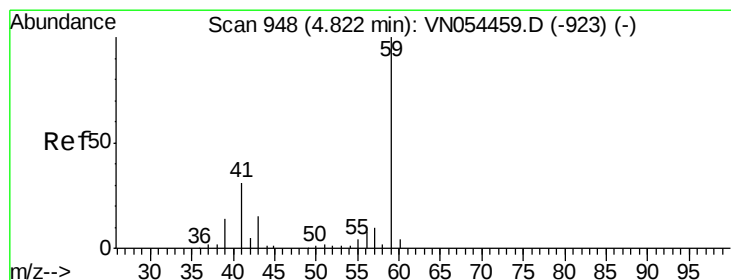
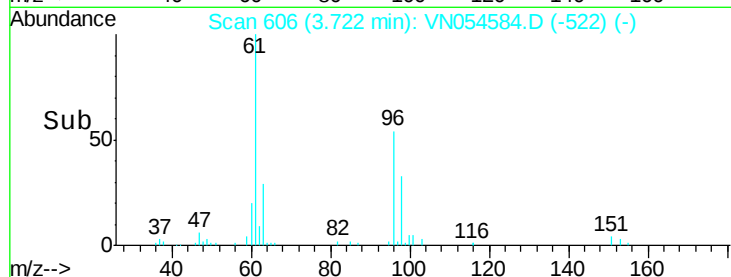
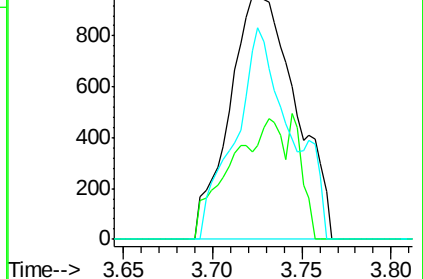
151 61.9 68.2 102.2#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 4.173 ug/l

RT: 4.75 min Scan# 926

Delta R.T. -0.07 min

Lab File: VN054584.D

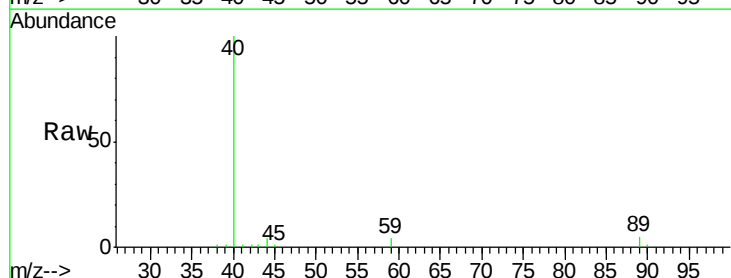
Acq: 23 Mar 2019 4:10

Tgt Ion: 59 Resp: 1746

Ion Ratio Lower Upper

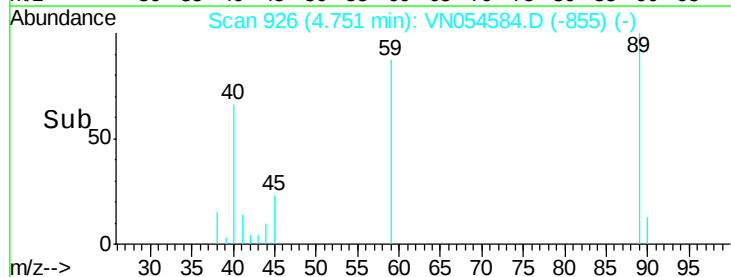
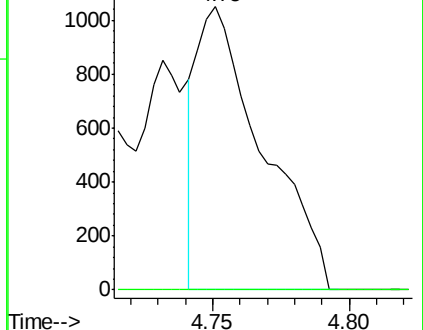
59 100

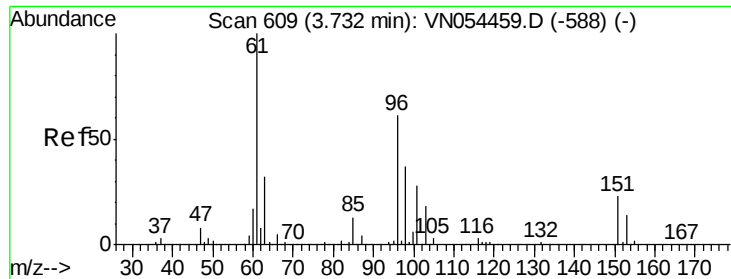
57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN





#12

1,1-Dichloroethene

Concen: 6.594 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.02 min

Lab File: VN054584.D

Acq: 23 Mar 2019 4:10

Instrument :

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ClientSampleId :

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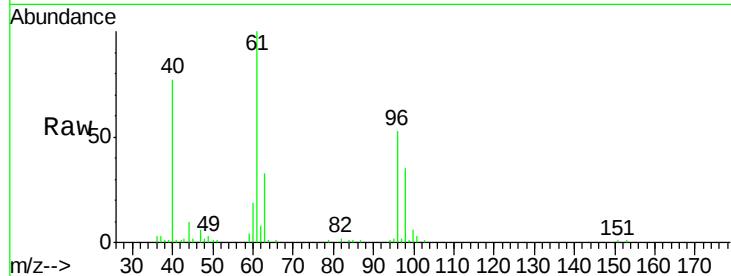
Tot Ion: 96 Resp: 35342

Ion Ratio Lower Upper

96 100

61 188.9 116.5 174.7#

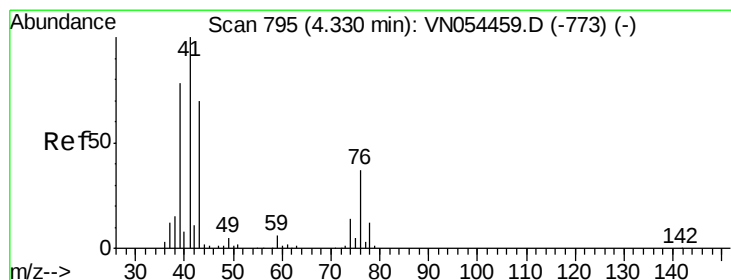
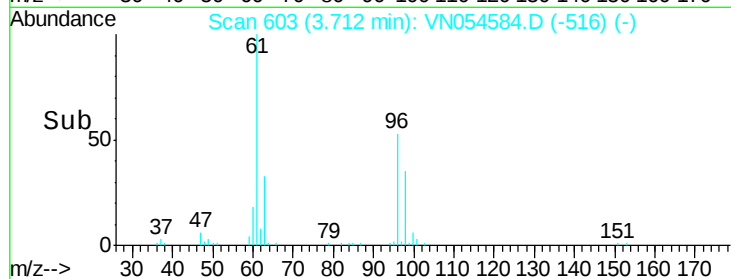
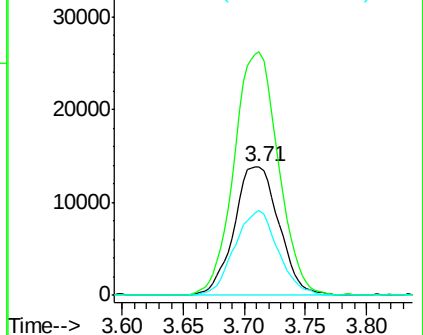
98 66.0 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#18

Methyl Acetate

Concen: 0.290 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN054584.D

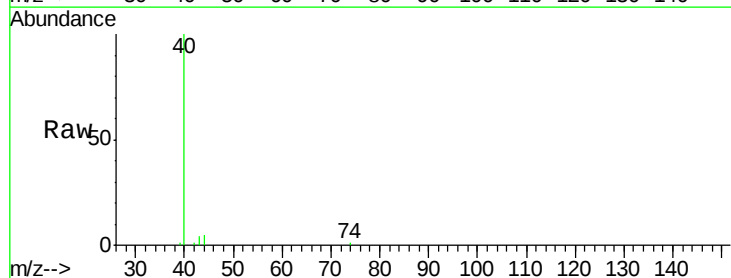
Acq: 23 Mar 2019 4:10

Tgt Ion: 43 Resp: 1345

Ion Ratio Lower Upper

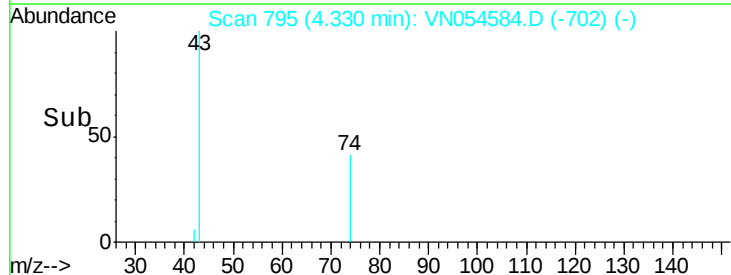
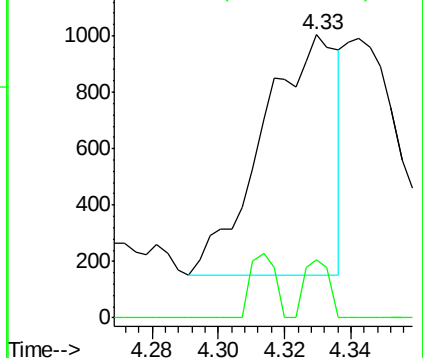
43 100

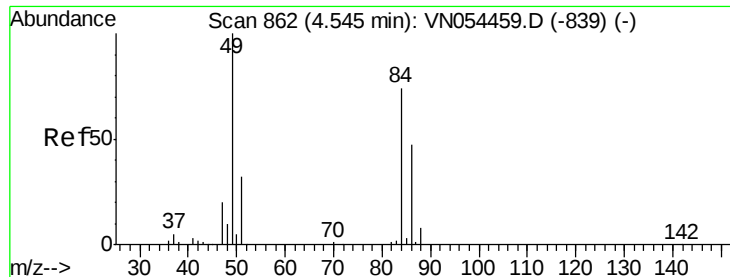
74 8.1 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

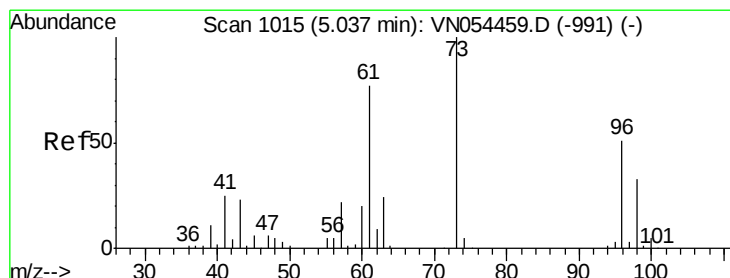
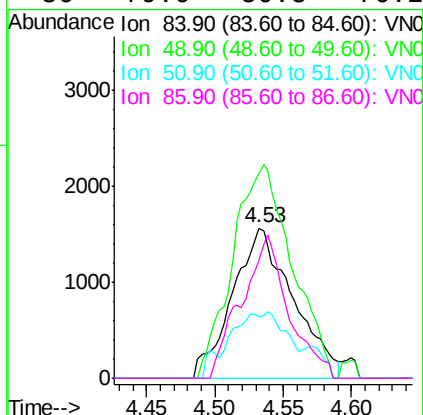
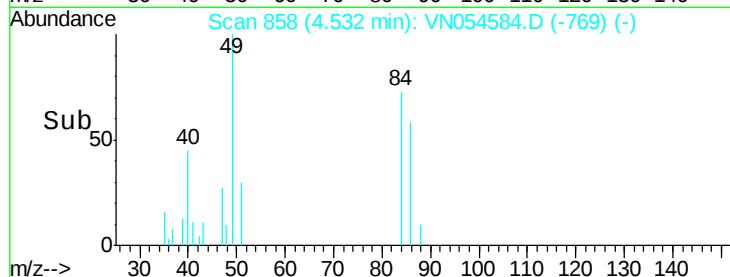
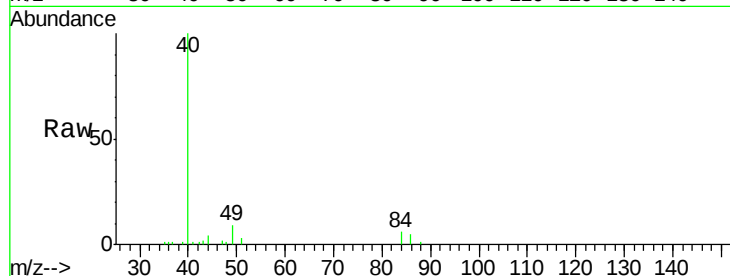




#20
Methvlene Chloride
Concen: 0.787 ug/l
RT: 4.53 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN054584.D
Acq: 23 Mar 2019 4:10

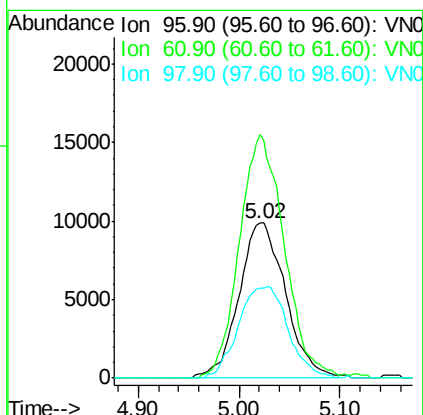
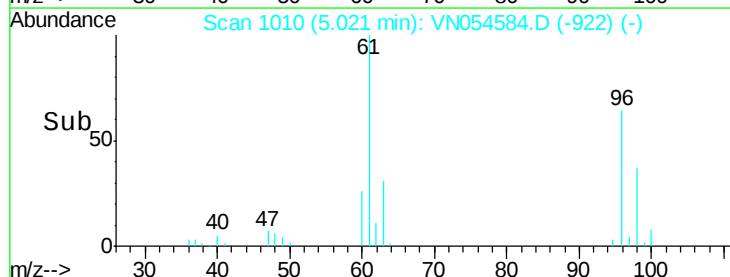
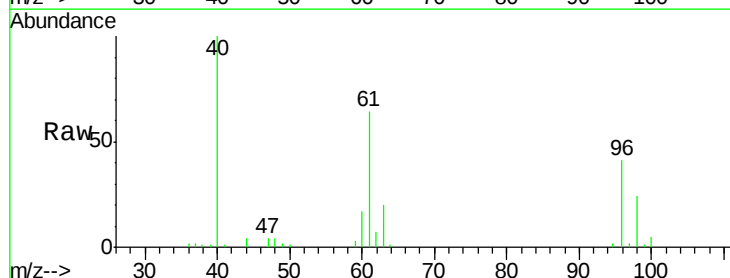
Instrument :
MSVOA_N
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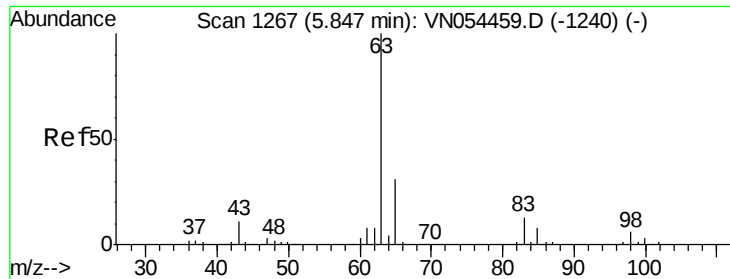
Tot Ion: 84 Resp: 4820
Ion Ratio Lower Upper
84 100
49 137.0 89.7 134.5#
51 41.3 28.2 42.4
86 79.0 50.8 76.2#



#21
trans-1,2-Dichloroethene
Concen: 5.773 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. -0.02 min
Lab File: VN054584.D
Acq: 23 Mar 2019 4:10

Tgt Ion: 96 Resp: 31594
Ion Ratio Lower Upper
96 100
61 157.0 102.8 154.2#
98 58.0 50.0 75.0





#24

1,1-Dichloroethane

Concen: 1.103 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.01 min

Lab File: VN054584.D

Acq: 23 Mar 2019 4:10

Instrument :

MSVOA_N

ClientSampleId :

WP022SB435-190318-(20-22)

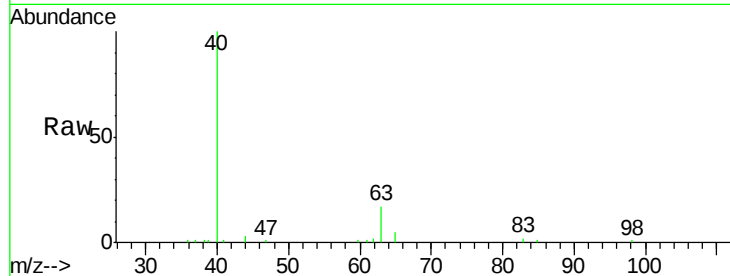
Tot Ion: 63 Resp: 11826

Ion Ratio Lower Upper

63 100

98 5.4 3.5 10.5

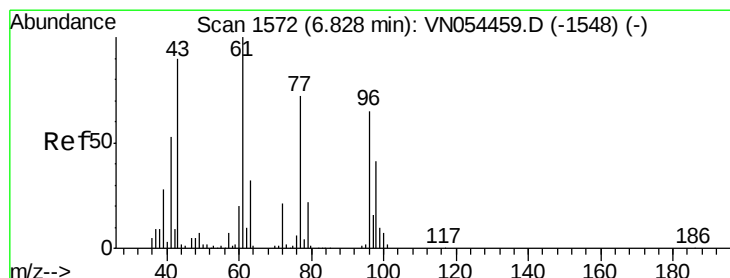
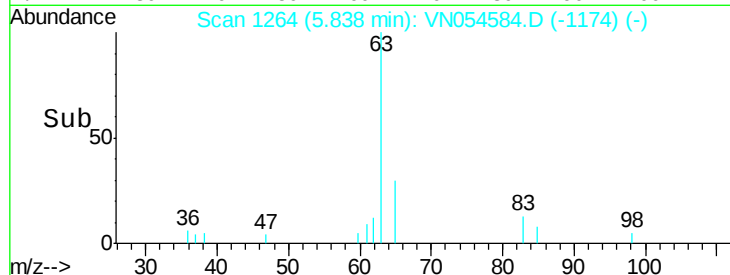
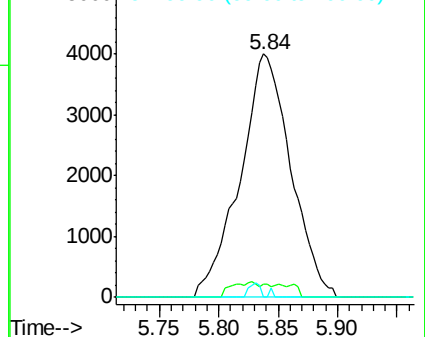
100 0.0 2.0 6.0#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



#27

cis-1,2-Dichloroethene

Concen: 297.164 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.01 min

Lab File: VN054584.D

Acq: 23 Mar 2019 4:10

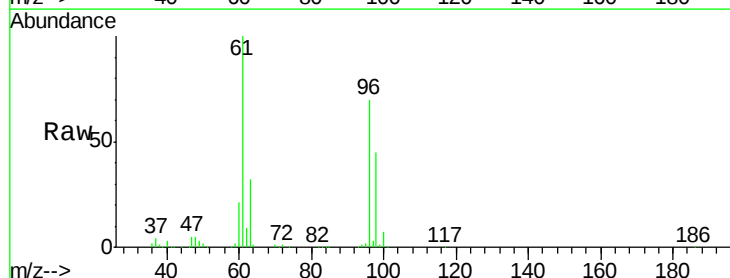
Tgt Ion: 96 Resp: 1939725

Ion Ratio Lower Upper

96 100

61 142.2 0.0 273.0

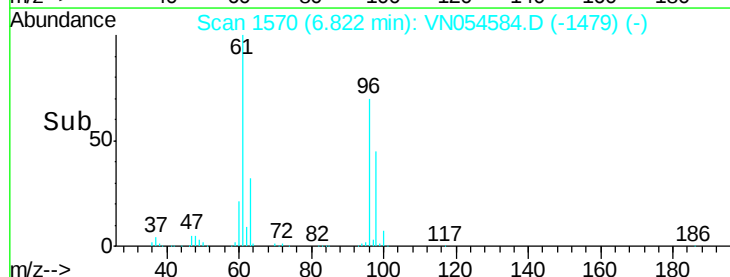
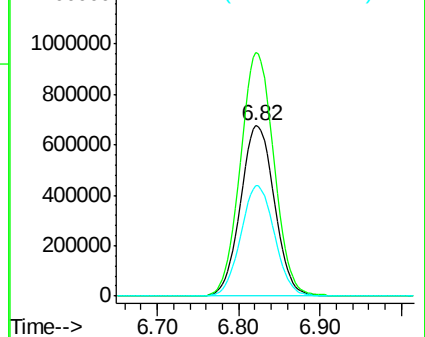
98 64.8 0.0 130.6

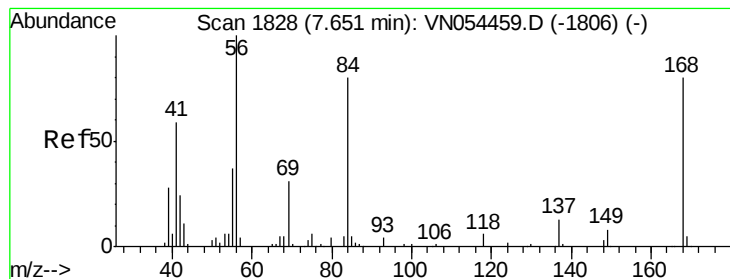


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

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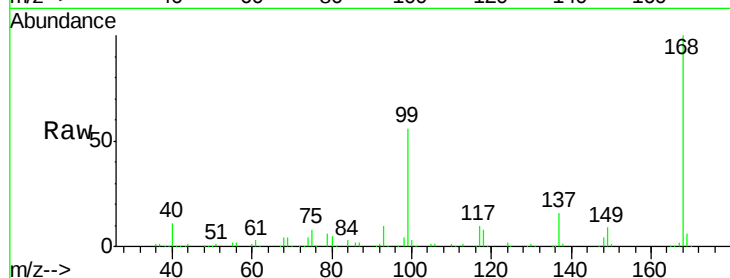
Tot Ion: 56 Resp: 12800

Ion Ratio Lower Upper

56 100

69 174.1 27.8 41.6#

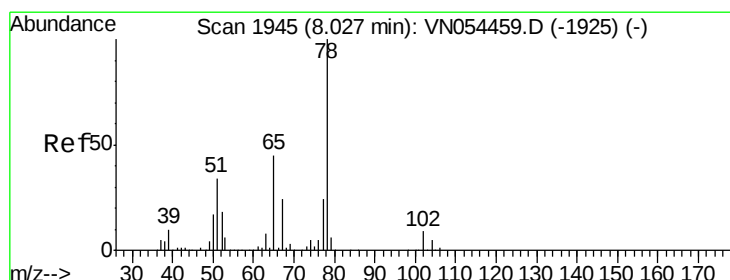
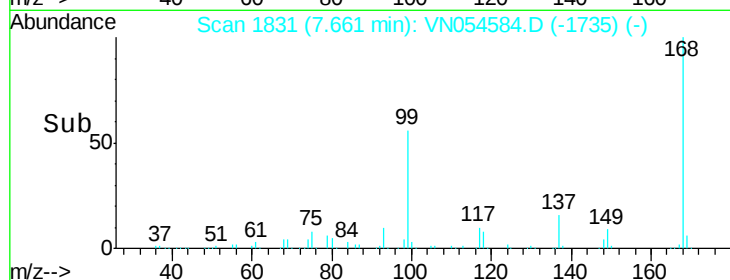
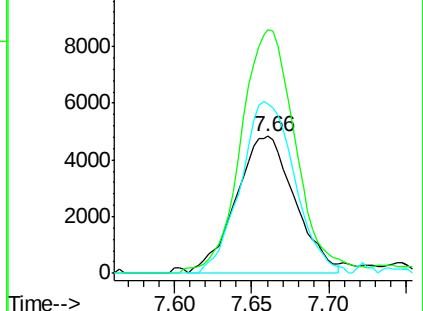
84 124.1 74.6 111.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.832 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN054584.D

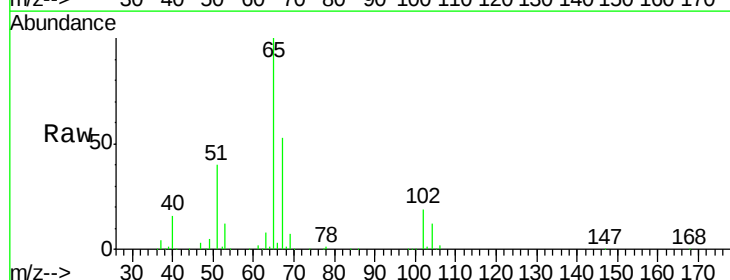
Acq: 23 Mar 2019 4:10

Tgt Ion: 65 Resp: 351314

Ion Ratio Lower Upper

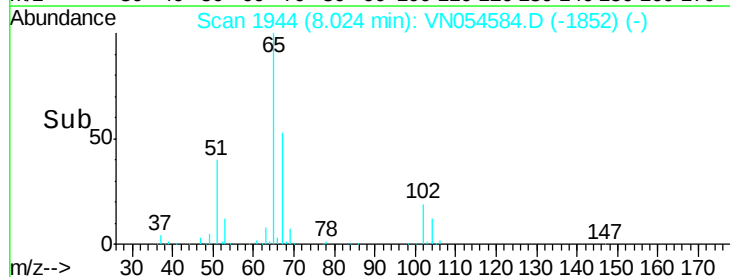
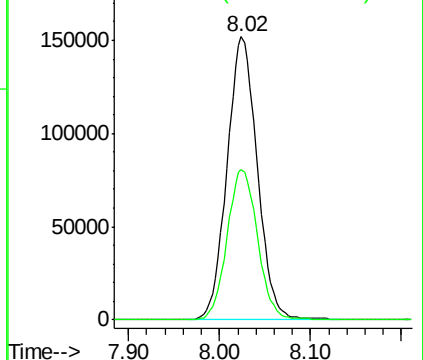
65 100

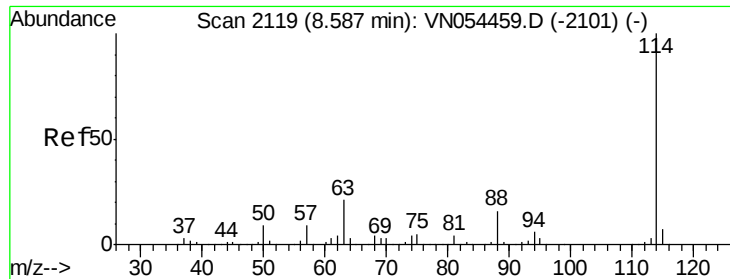
67 53.2 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN054584.D

Acq: 23 Mar 2019 4:10

Instrument :

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ClientSampleId :

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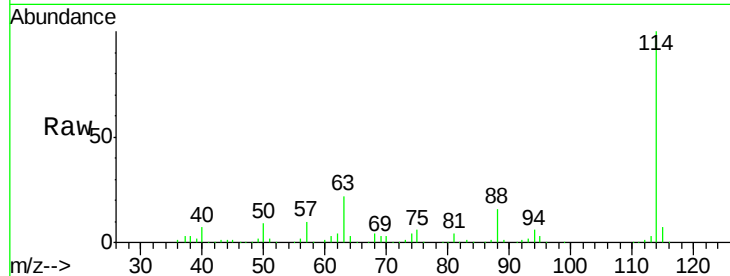
Tot Ion:114 Resp: 873111

Ion Ratio Lower Upper

114 100

63 22.3 0.0 35.2

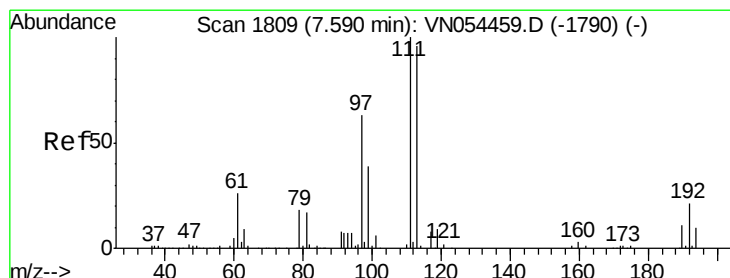
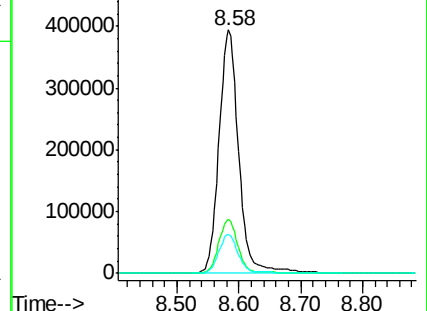
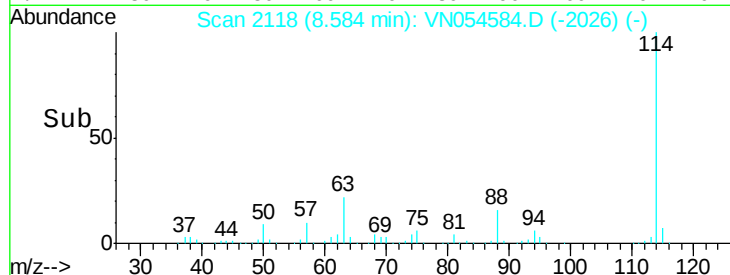
88 16.1 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 45.991 ug/l

RT: 7.59 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VN054584.D

Acq: 23 Mar 2019 4:10

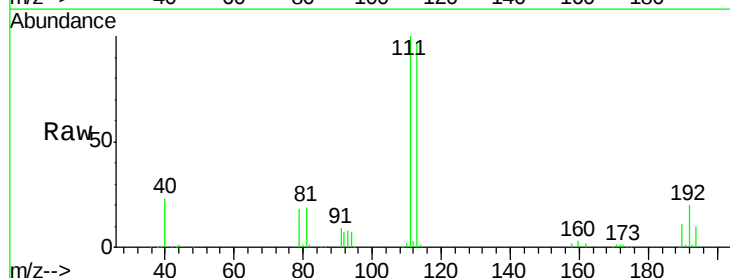
Tgt Ion:113 Resp: 258701

Ion Ratio Lower Upper

113 100

111 105.2 82.2 123.4

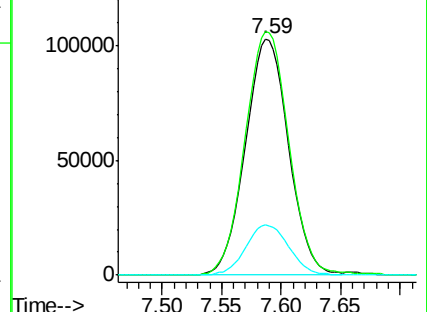
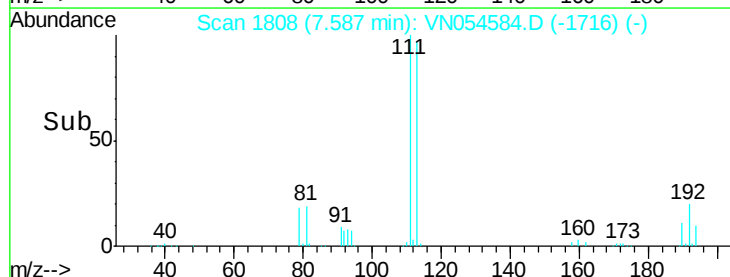
192 21.3 19.2 28.8

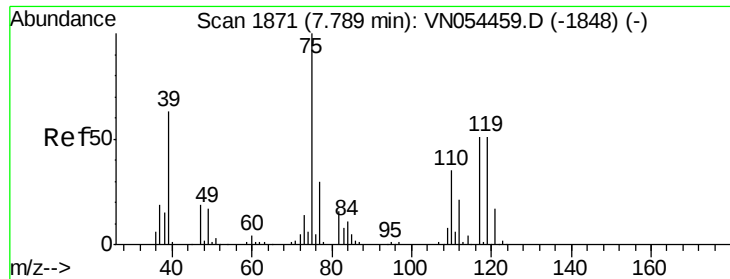


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

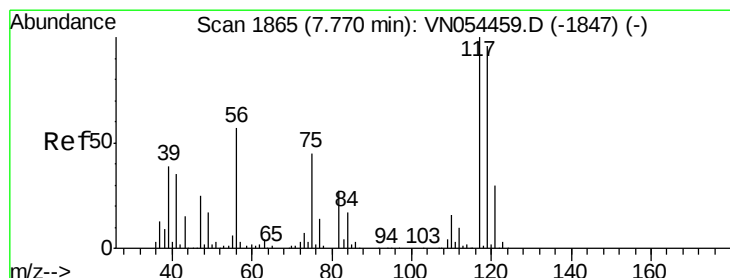
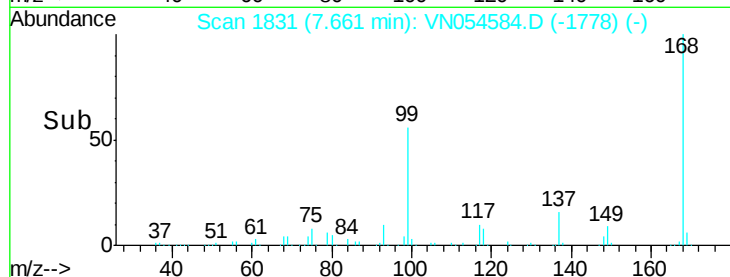
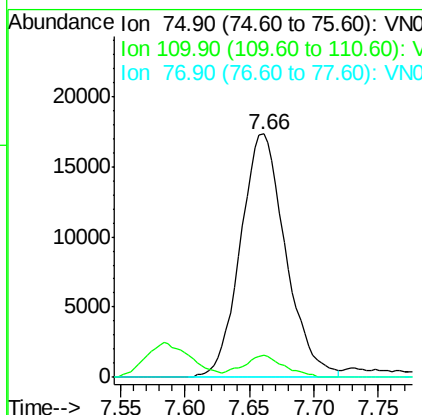
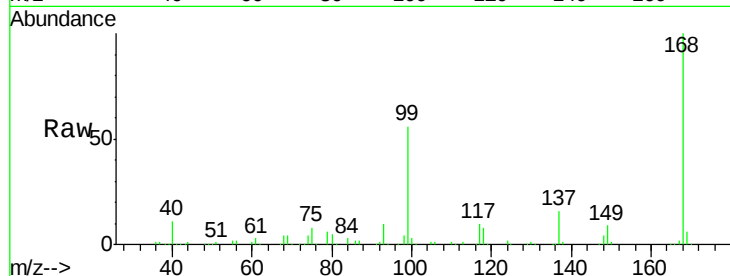




#36
 1,1-Dichloropropene
 Concen: 5.189 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN054584.D
 Acq: 23 Mar 2019 4:10

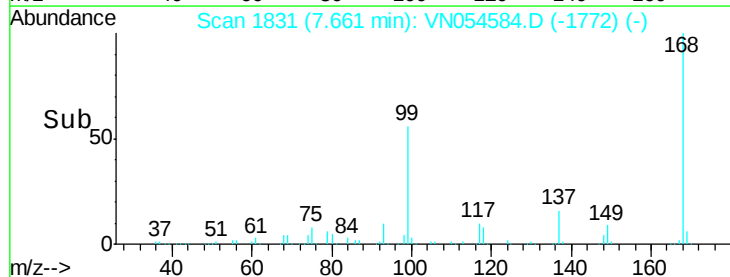
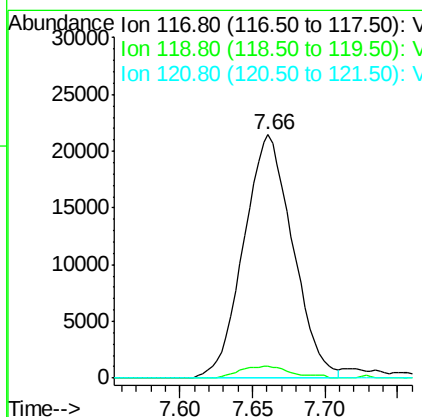
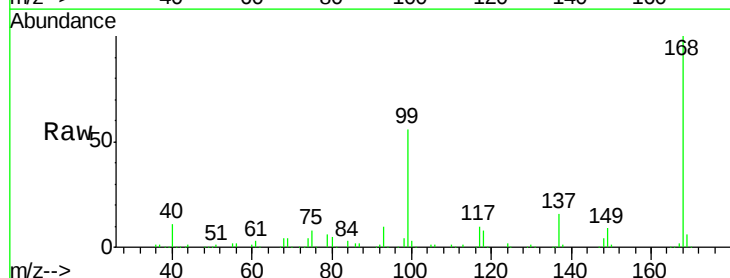
Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB435-190318-(20-22)

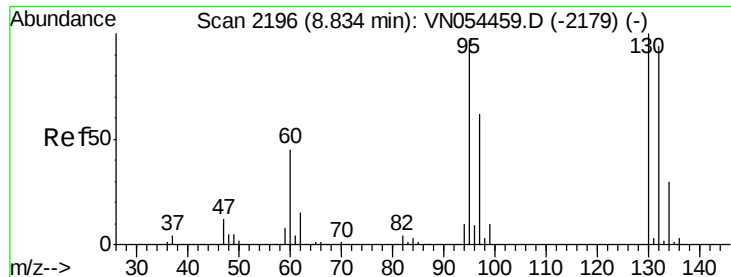
Tot Ion	75	Resp	42359
Ion Ratio	Lower	Upper	
75	100		
110	8.2	19.1	57.5#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.366 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.11 min
 Lab File: VN054584.D
 Acq: 23 Mar 2019 4:10

Tgt Ion	117	Resp	50504
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
117	100		
119	5.0	76.3	114.5#
121	0.0	24.6	36.8#





#44

Trichloroethene

Concen: 0.850 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN054584.D

Acq: 23 Mar 2019 4:10

Instrument :

MSVOA_N

ClientSampleId :

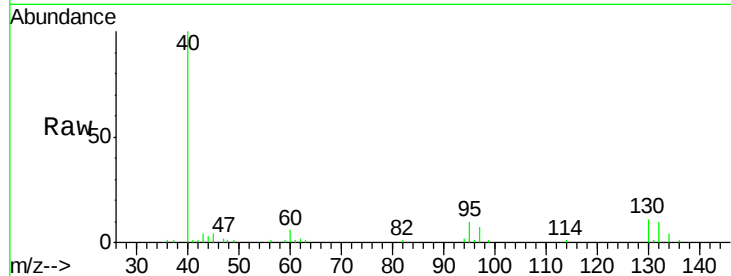
WP022SB435-190318-(20-22)

Tot Ion:130 Resp: 5514

Ion Ratio Lower Upper

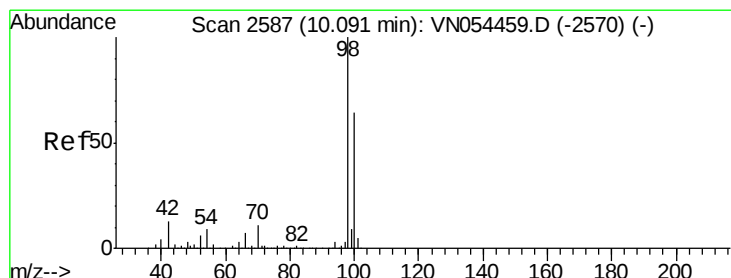
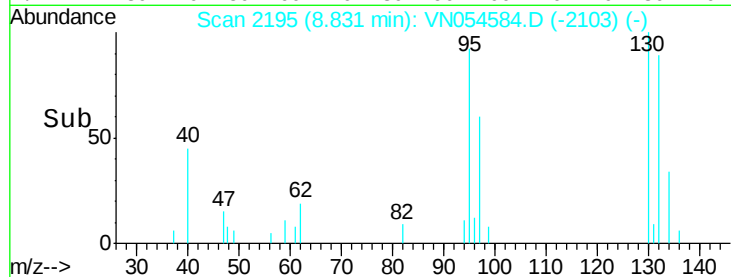
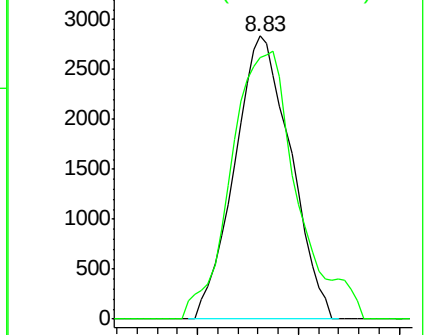
130 100

95 85.8 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 49.886 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN054584.D

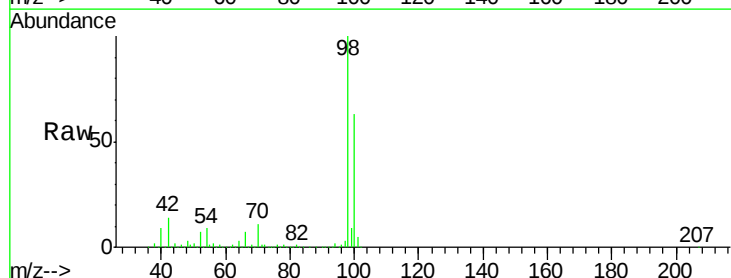
Acq: 23 Mar 2019 4:10

Tgt Ion: 98 Resp: 1054926

Ion Ratio Lower Upper

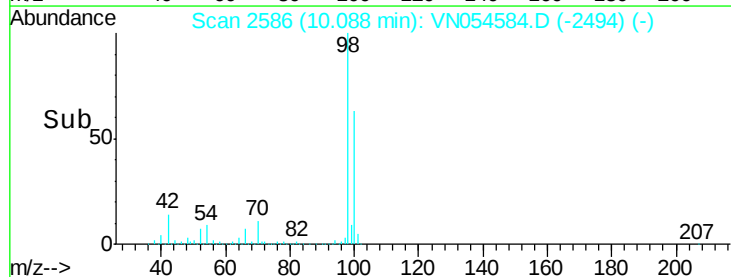
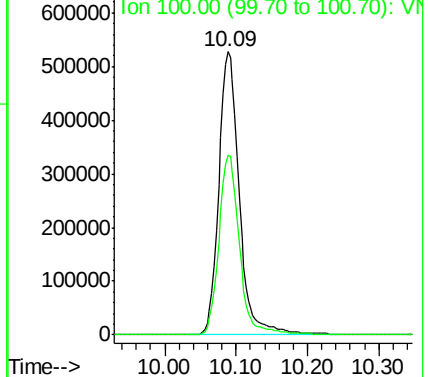
98 100

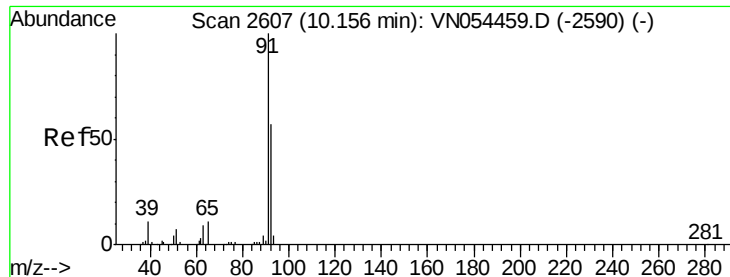
100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#52

Toluene

Concen: 0.549 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN054584.D

Acq: 23 Mar 2019 4:10

Instrument :

MSVOA_N

ClientSampleId :

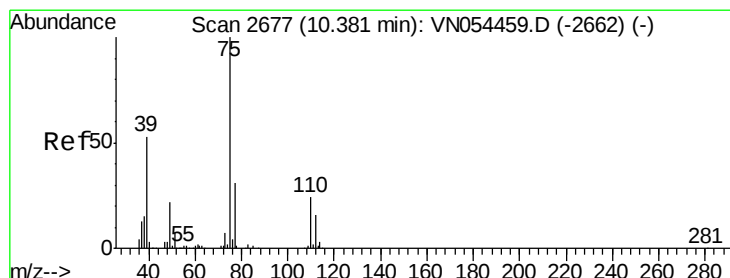
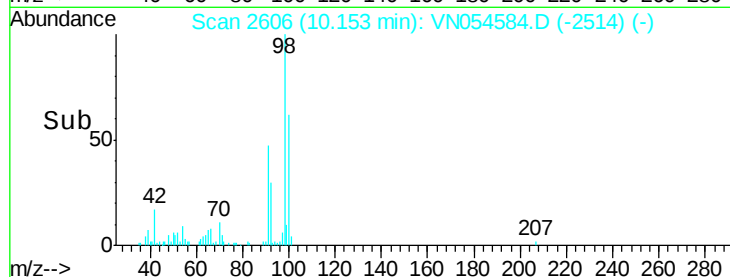
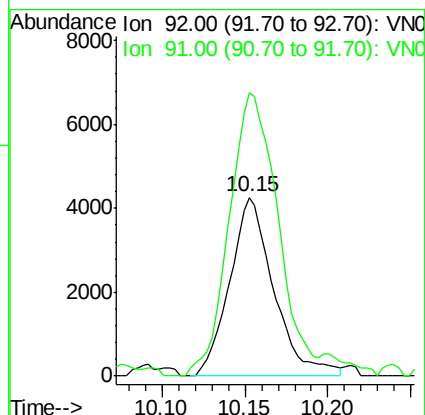
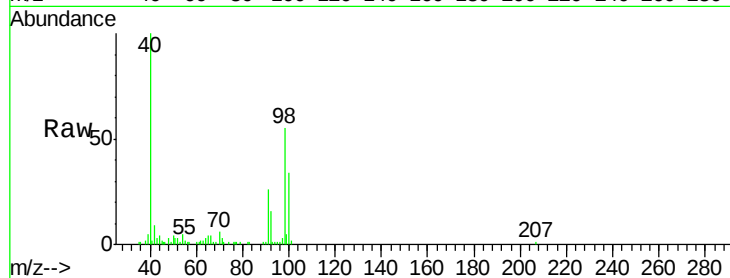
WP022SB435-190318-(20-22)

Tot Ion: 92 Resp: 7885

Ion Ratio Lower Upper

92 100

91 174.0 140.7 211.1



#53

t-1,3-Dichloropropene

Concen: 2.245 ug/l

RT: 10.24 min Scan# 2633

Delta R.T. -0.14 min

Lab File: VN054584.D

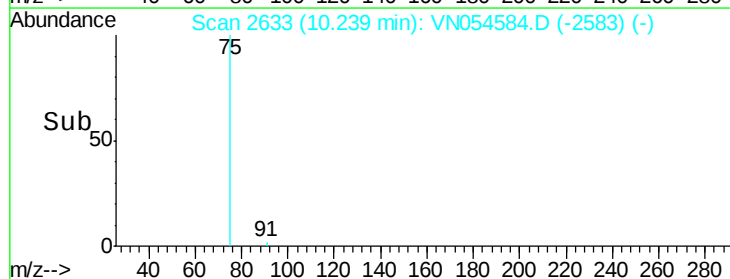
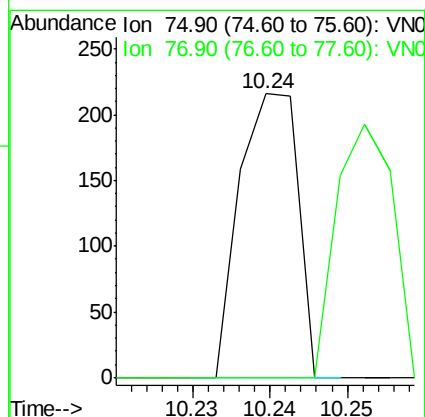
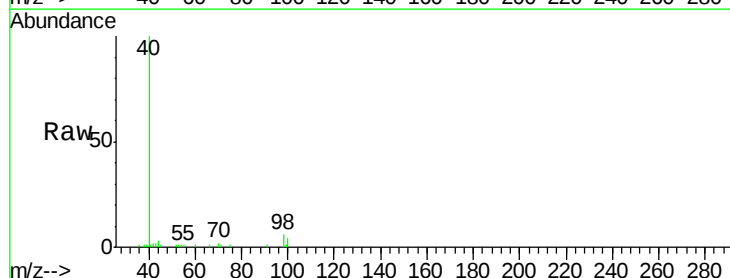
Acq: 23 Mar 2019 4:10

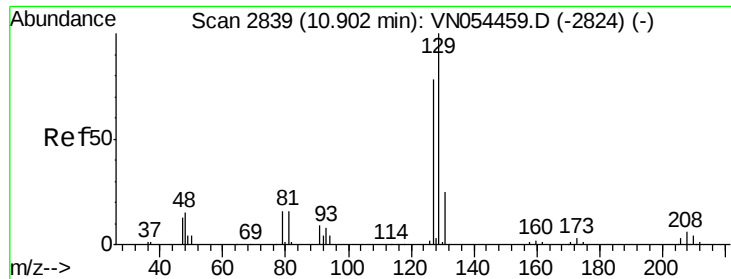
Tgt Ion: 75 Resp: 114

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.8#

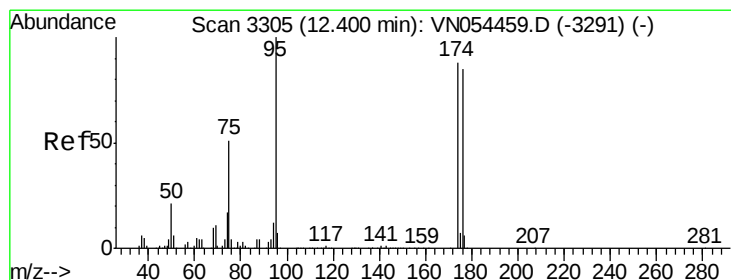
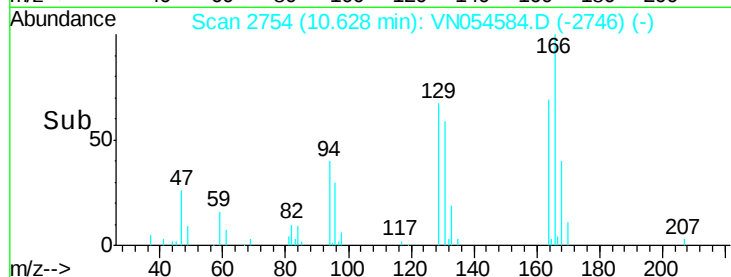
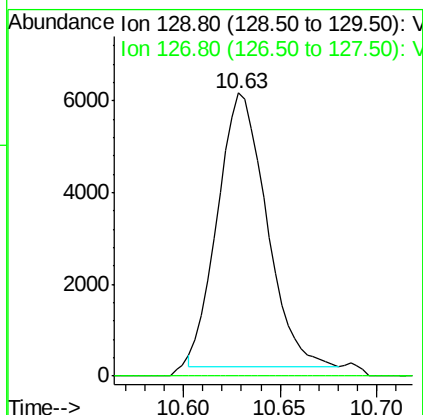
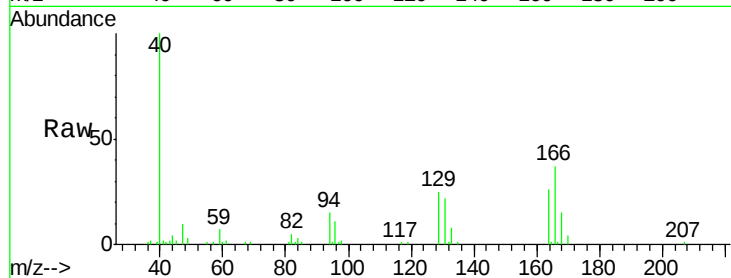




#60
Dibromochloromethane
Concen: 1.903 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.27 min
Lab File: VN054584.D
Acq: 23 Mar 2019 4:10

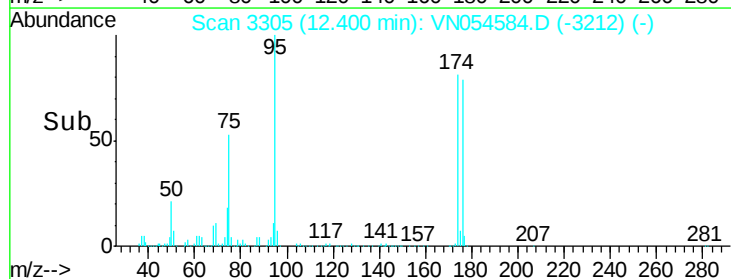
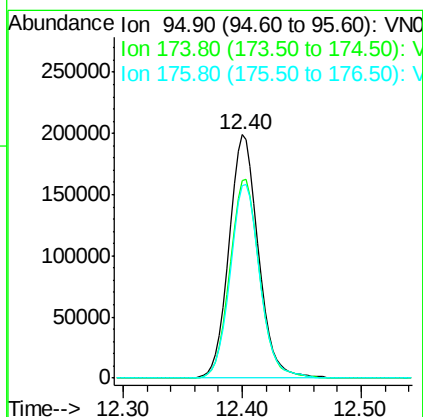
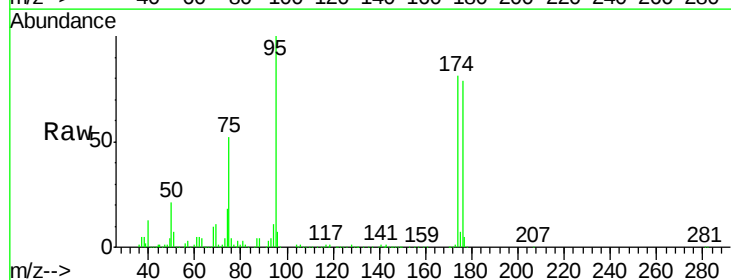
Instrument :
MSVOA_N
ClientSampleId :
WP022SB435-190318-(20-22)

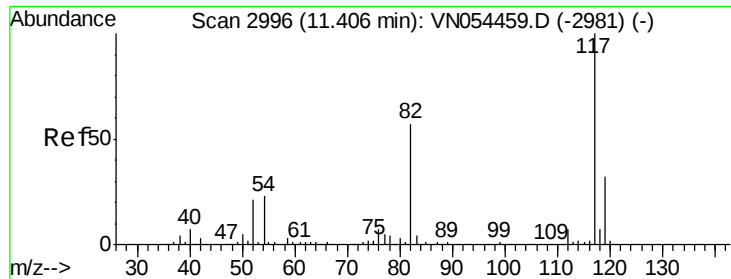
Tot Ion:129 Resp: 10453
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 47.381 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054584.D
Acq: 23 Mar 2019 4:10

Tgt Ion: 95 Resp: 340944
Ion Ratio Lower Upper
95 100
174 82.5 0.0 191.0
176 80.5 0.0 187.4

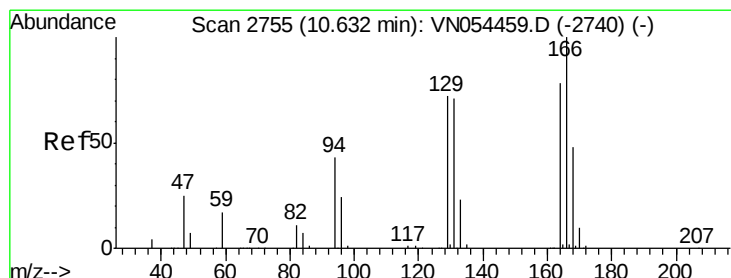
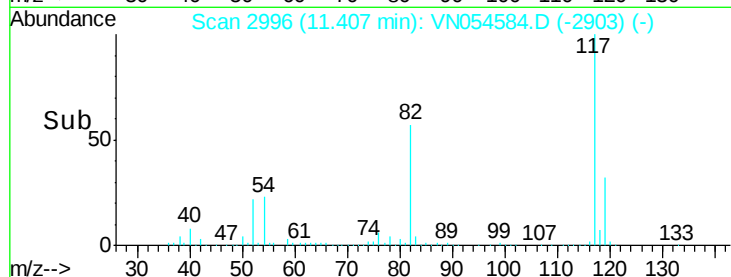
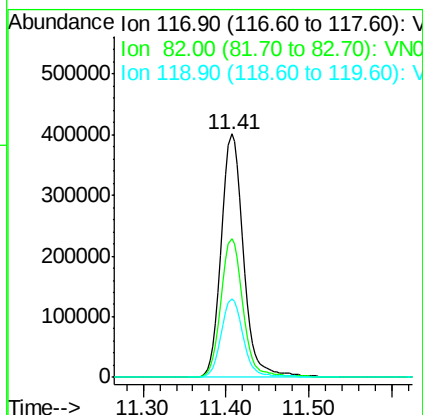
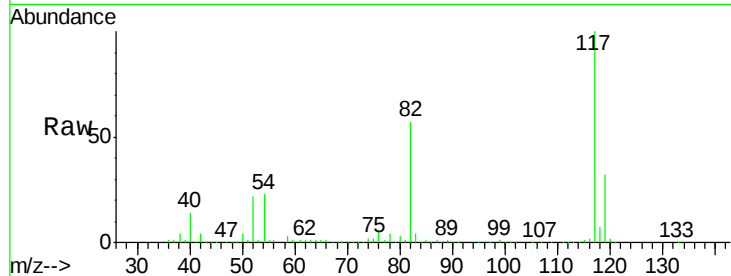




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054584.D
Acq: 23 Mar 2019 4:10

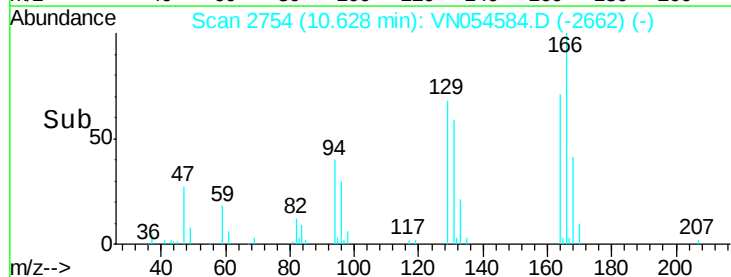
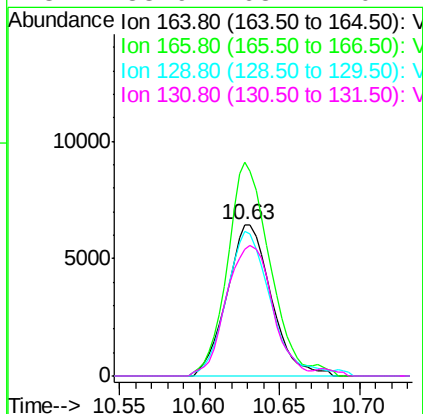
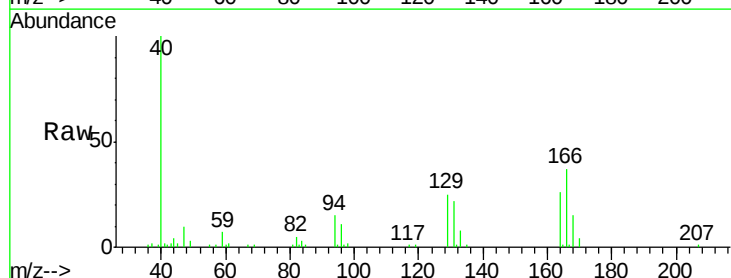
Instrument :
MSVOA_N
ClientSampleId :
WP022SB435-190318-(20-22)

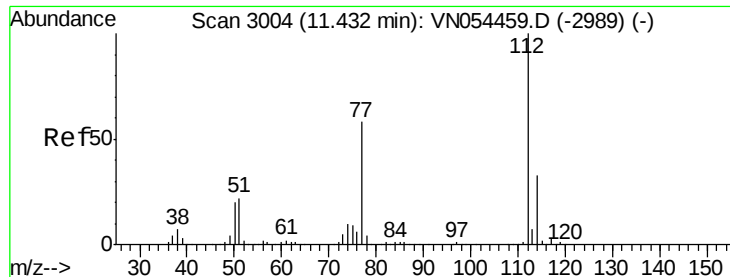
Tot Ion:117 Resp: 745018
Ion Ratio Lower Upper
117 100
82 56.9 40.0 60.0
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 1.966 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN054584.D
Acq: 23 Mar 2019 4:10

Tgt Ion:164 Resp: 12148
Ion Ratio Lower Upper
164 100
166 141.2 103.9 155.9
129 95.8 71.1 106.7
131 83.9 68.2 102.4





#65

Chlorobenzene

Concen: 0.715 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN054584.D

Acq: 23 Mar 2019 4:10

Instrument :

MSVOA_N

ClientSampleId :

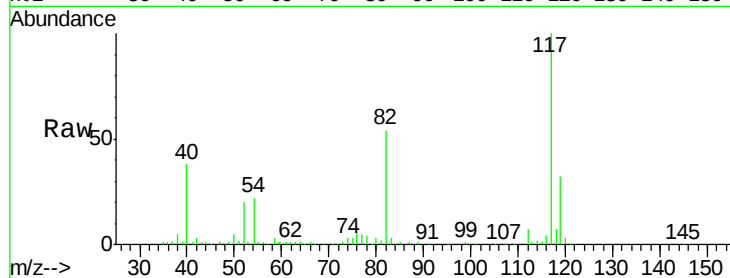
WP022SB435-190318-(20-22)

Tot Ion:112 Resp: 10840

Ion Ratio Lower Upper

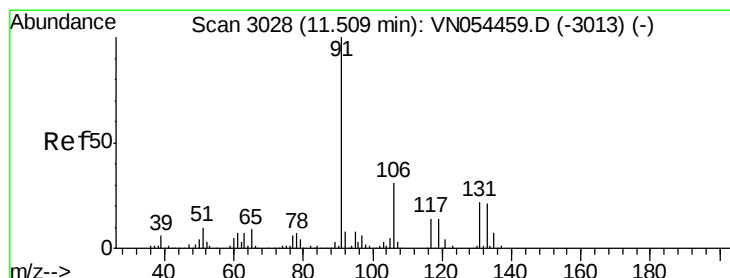
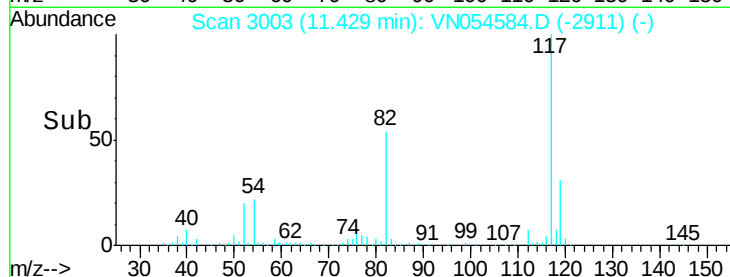
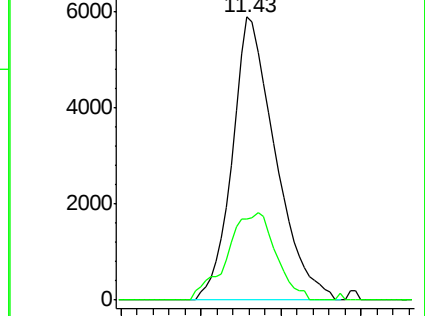
112 100

114 28.6 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 0.214 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN054584.D

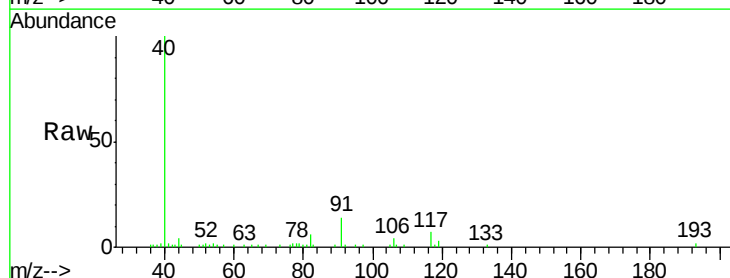
Acq: 23 Mar 2019 4:10

Tgt Ion: 91 Resp: 5738

Ion Ratio Lower Upper

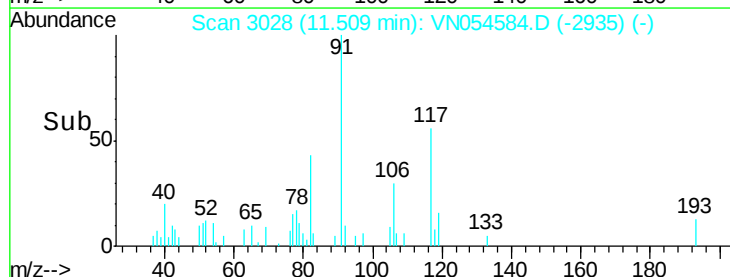
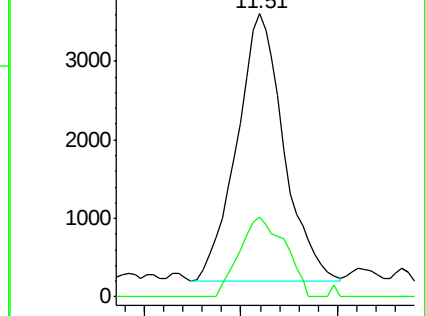
91 100

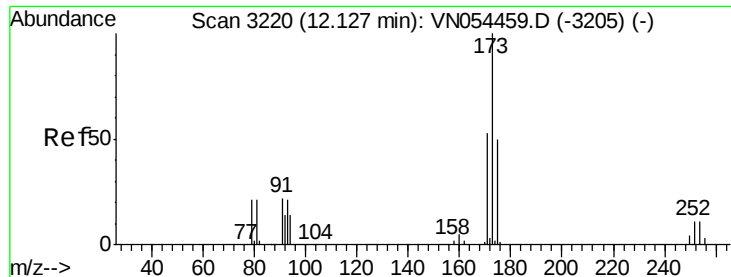
106 29.8 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

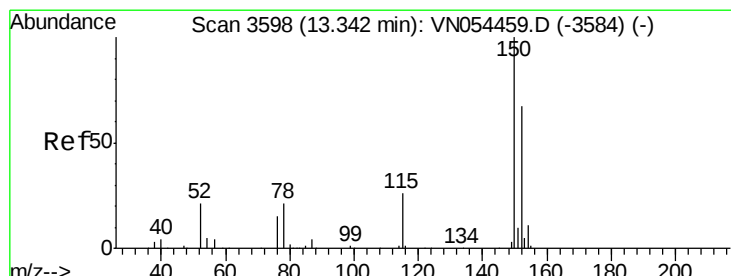
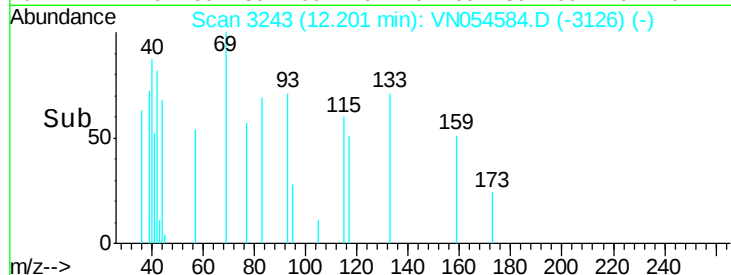
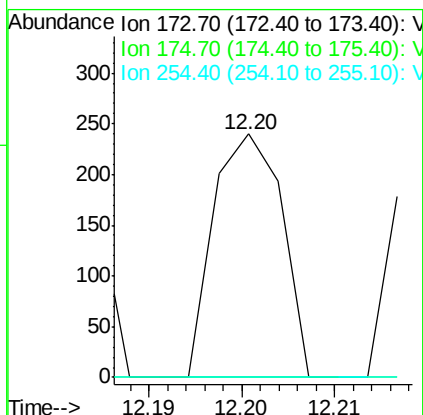
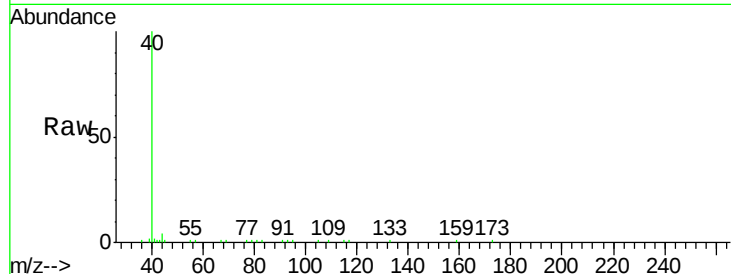




#71
Bromoform
Concen: 2.252 ug/l
RT: 12.20 min Scan# 3243
Delta R.T. 0.07 min
Lab File: VN054584.D
Acq: 23 Mar 2019 4:10

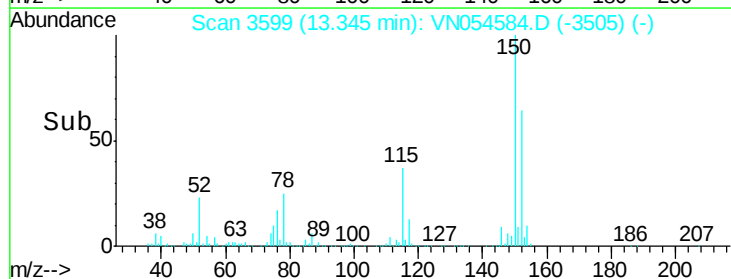
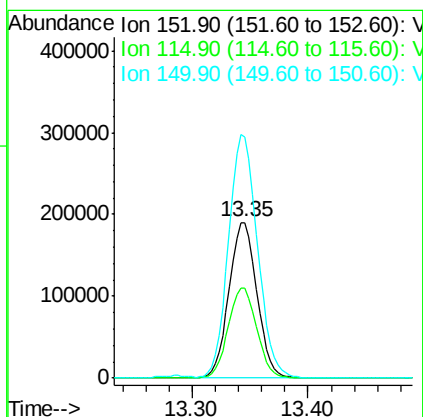
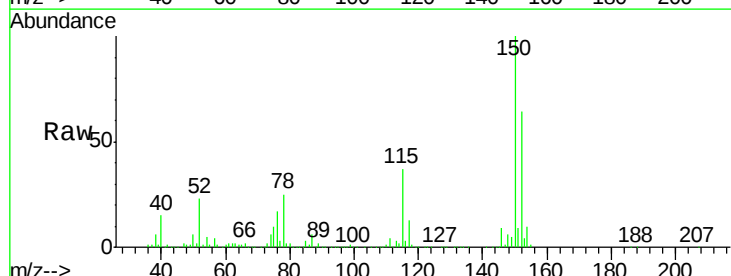
Instrument :
MSVOA_N
ClientSampleId :
WP022SB435-190318-(20-22)

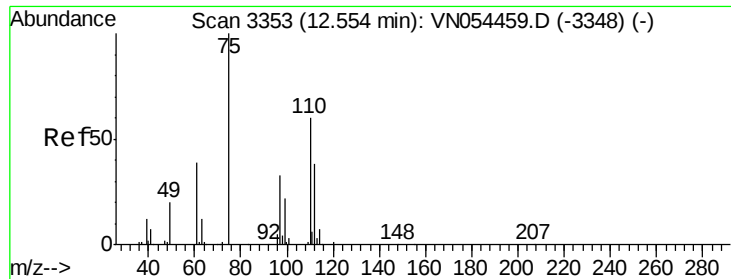
Tot Ion:173 Resp: 123
Ion Ratio Lower Upper
173 100
175 0.0 24.4 73.2#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054584.D
Acq: 23 Mar 2019 4:10

Tgt Ion:152 Resp: 317770
Ion Ratio Lower Upper
152 100
115 58.7 27.2 81.6
150 161.7 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 35.038 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054584.D

Acq: 23 Mar 2019 4:10

Instrument :

MSVOA_N

ClientSampleId :

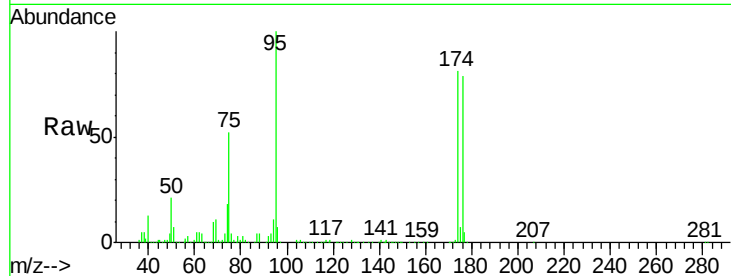
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Tot Ion: 75 Resp: 176681

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

120000

100000

80000

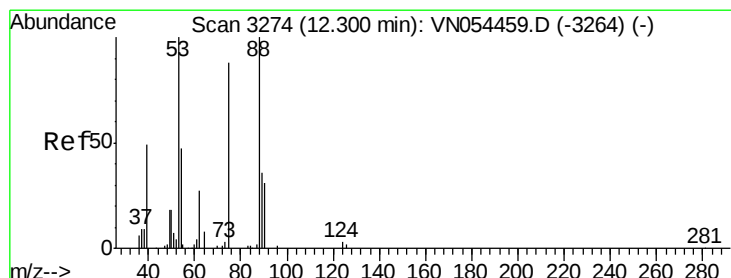
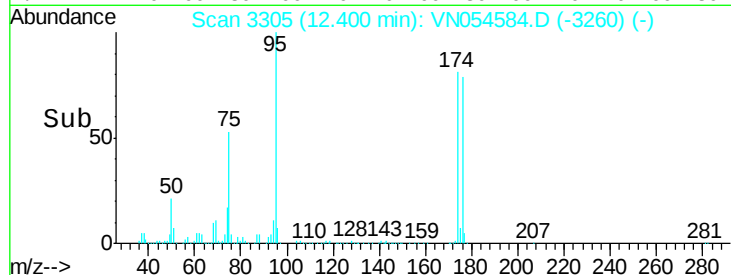
60000

40000

20000

0

Time--> 12.30 12.40 12.50



#81

trans-1,4-Dichloro-2-butene

Concen: 116.299 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054584.D

Acq: 23 Mar 2019 4:10

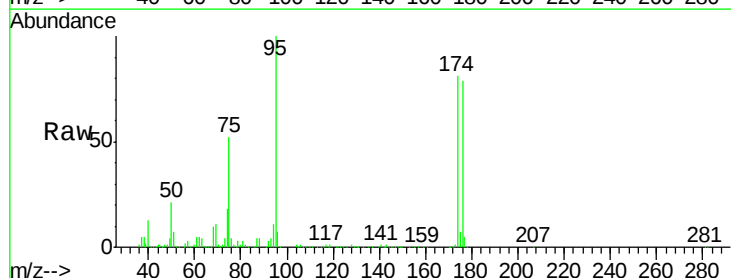
Tgt Ion: 75 Resp: 176681

Ion Ratio Lower Upper

75 100

53 0.2 76.2 114.2#

89 0.0 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

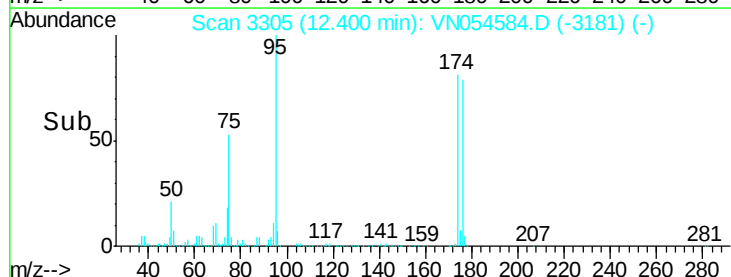
Ion 88.90 (88.60 to 89.60): VN0

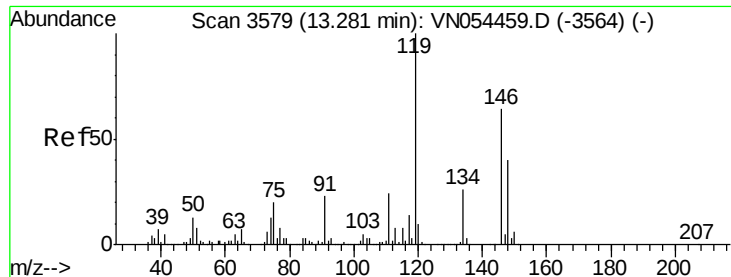
100000

50000

0

Time--> 12.30 12.40 12.50

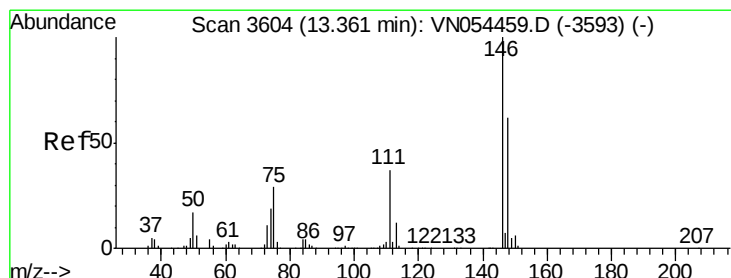
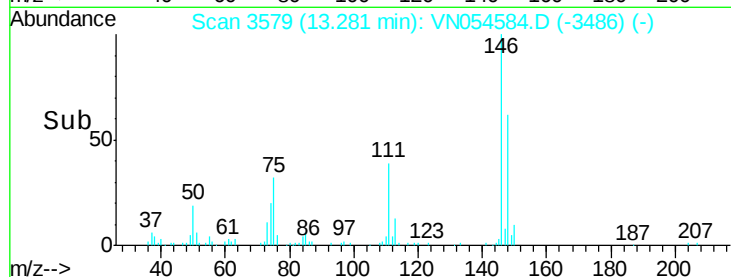
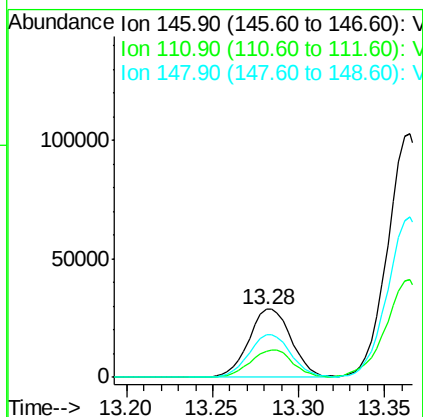
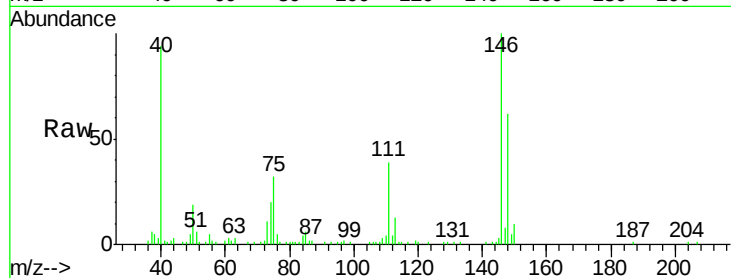




#87
 1,3-Dichlorobenzene
 Concen: 4.717 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN054584.D
 Acq: 23 Mar 2019 4:10

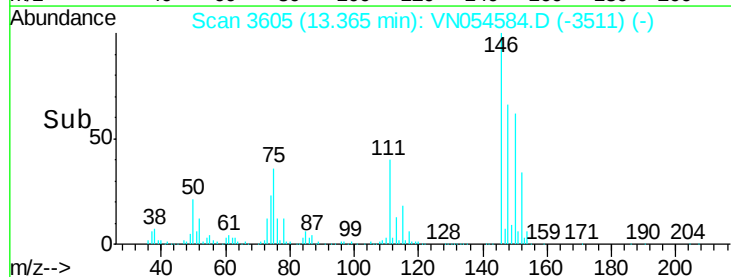
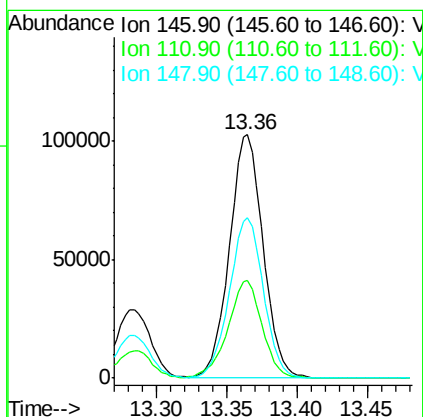
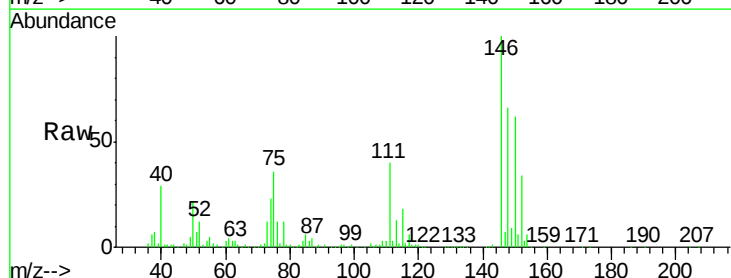
Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB435-190318-(20-22)

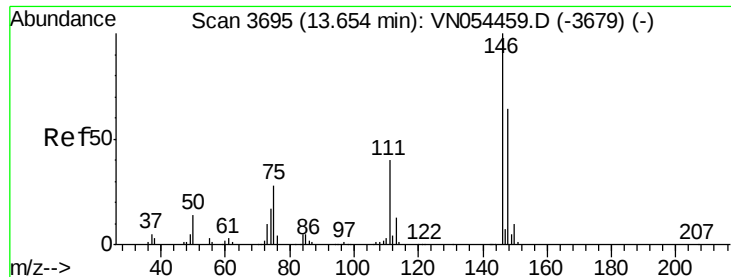
Tot Ion:146 Resp: 49644
 Ion Ratio Lower Upper
 146 100
 111 40.3 18.8 56.3
 148 62.1 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 16.797 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN054584.D
 Acq: 23 Mar 2019 4:10

Tgt Ion:146 Resp: 171998
 Ion Ratio Lower Upper
 146 100
 111 40.6 18.1 54.1
 148 66.6 32.0 96.0





#91

1,2-Dichlorobenzene

Concen: 80.240 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN054584.D

Acq: 23 Mar 2019 4:10

Instrument :

MSVOA_N

ClientSampleId :

WP022SB435-190318-(20-22)

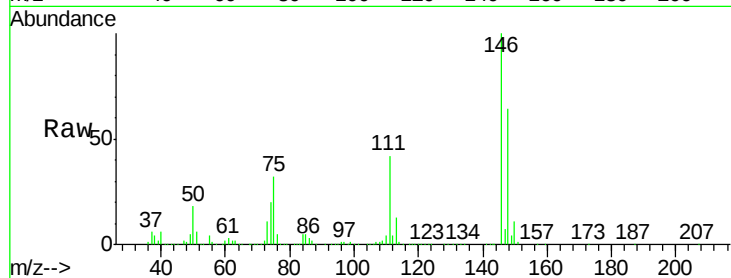
Tot Ion:146 Resp: 817938

Ion Ratio Lower Upper

146 100

111 41.6 19.1 57.3

148 64.3 32.4 97.0



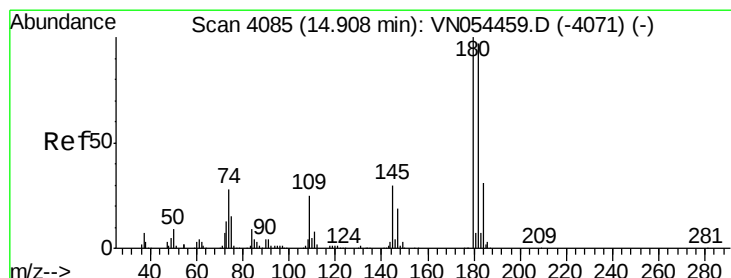
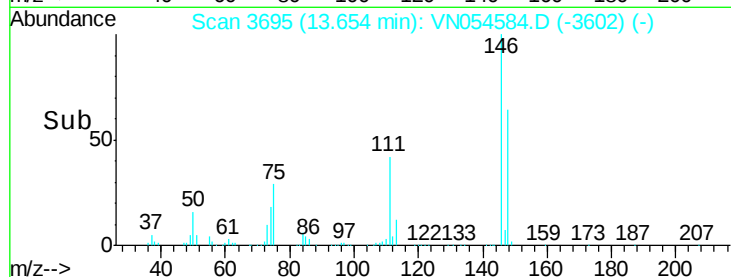
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

13.65

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 1.362 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN054584.D

Acq: 23 Mar 2019 4:10

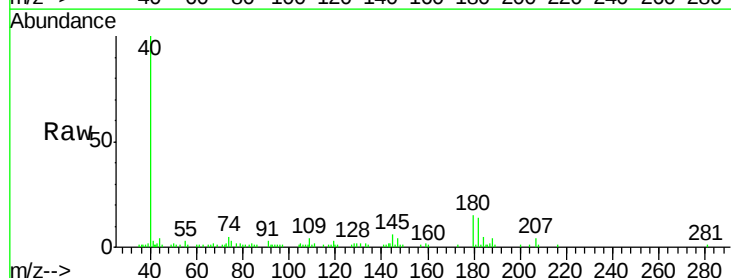
Tgt Ion:180 Resp: 6923

Ion Ratio Lower Upper

180 100

182 98.1 48.0 144.2

145 27.0 14.2 42.8



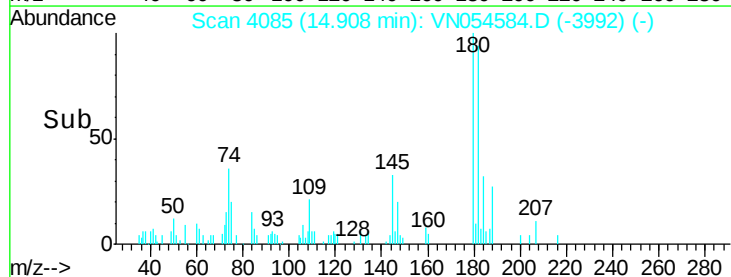
Abundance Ion 179.80 (179.50 to 180.50): V

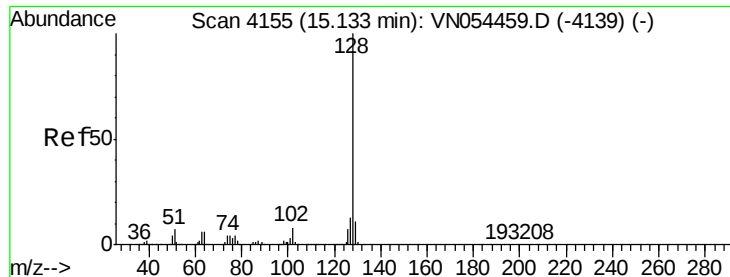
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

14.91

Time-->





#95

Naphthalene

Concen: 0.398 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN054584.D

Acq: 23 Mar 2019 4:10

Instrument :

MSVOA_N

ClientSampleId :

WP022SB435-190318-(20-22)

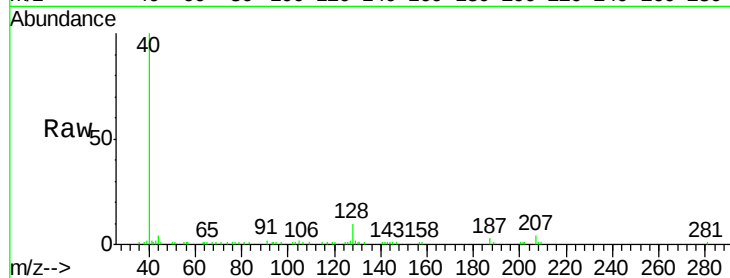
Tot Ion:128 Resp: 4508

Ion Ratio Lower Upper

128 100

127 25.5 10.1 15.1#

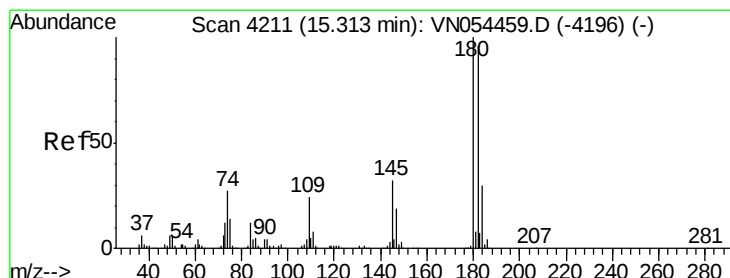
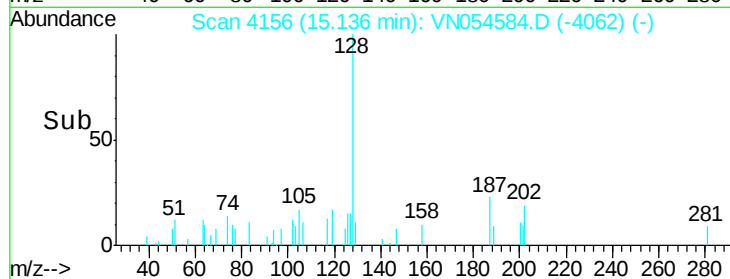
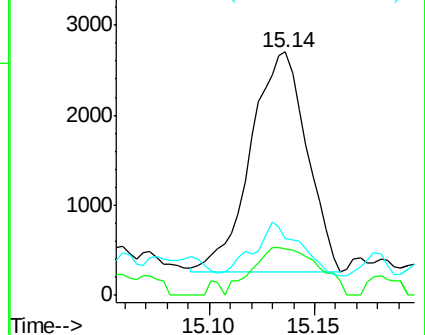
129 19.8 8.7 13.1#



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



#96

1,2,3-Trichlorobenzene

Concen: 0.387 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN054584.D

Acq: 23 Mar 2019 4:10

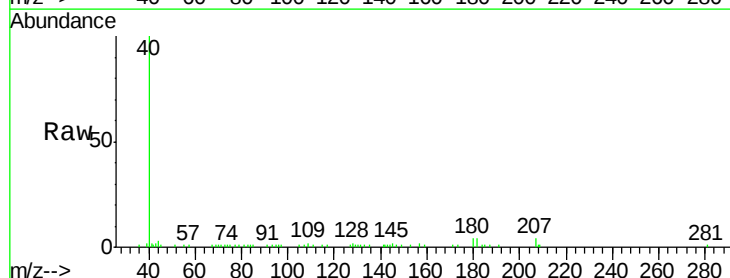
Tgt Ion:180 Resp: 1958

Ion Ratio Lower Upper

180 100

182 100.5 47.5 142.6

145 31.7 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

