

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081120\
 Data File : VN062846.D
 Acq On : 11 Aug 2020 21:58
 Operator : JC/MD
 Sample : L3607-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ES-TOTE-COMP

Quant Time: Aug 11 22:18:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	120600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	219516	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	219574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82295	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	105979	53.14	ug/l	0.00
Spiked Amount						
			Recovery	=	106.28%	
35) Dibromofluoromethane	7.55	113	76544	50.97	ug/l	0.00
Spiked Amount						
			Recovery	=	101.94%	
50) Toluene-d8	10.06	98	282535	48.19	ug/l	0.00
Spiked Amount						
			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	12.38	95	104181	47.03	ug/l	0.00
Spiked Amount						
			Recovery	=	94.06%	

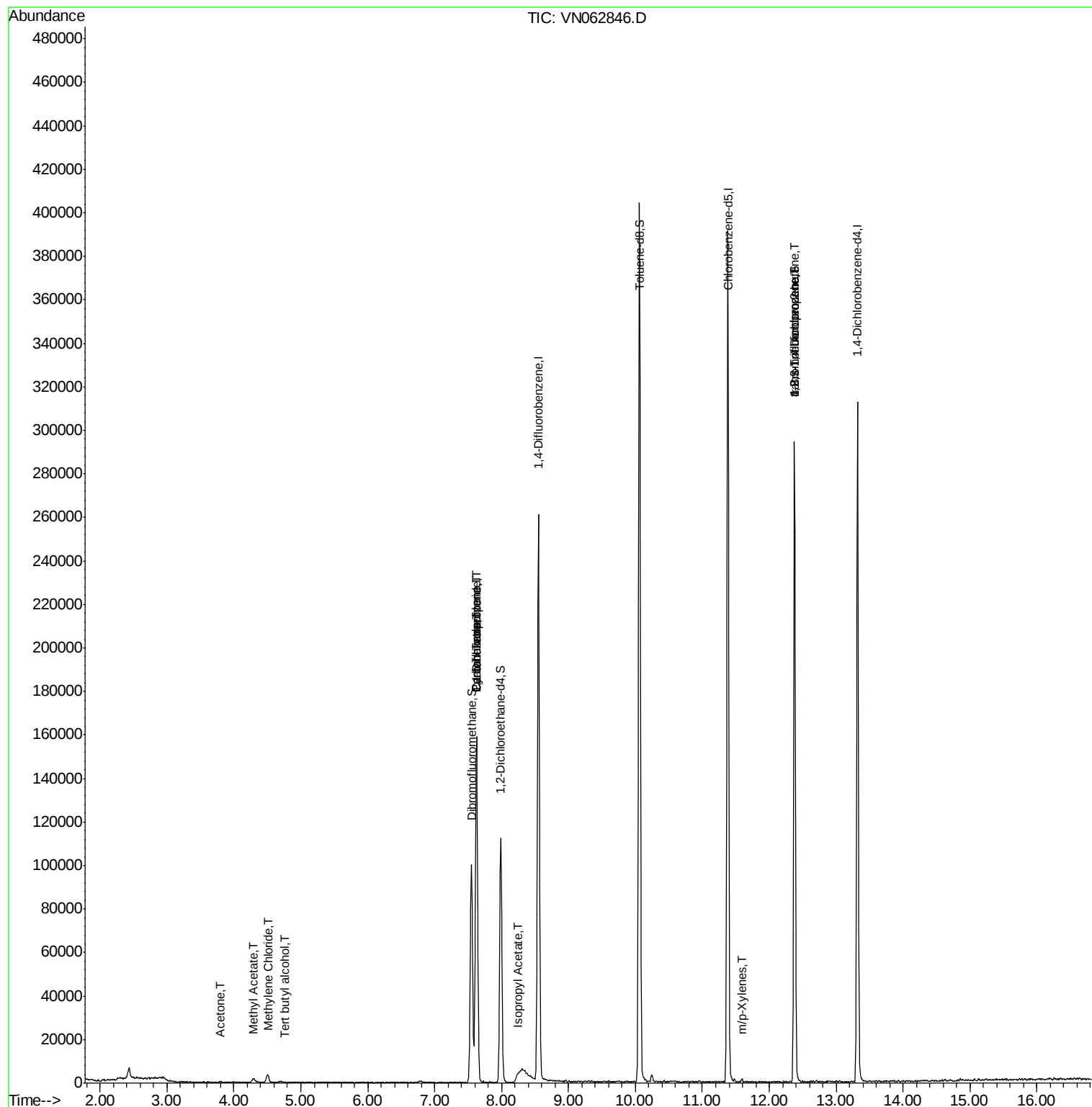
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.76	59	289	0.884	ug/l #	72
16) Acetone	3.79	43	816	1.132	ug/l #	45
18) Methyl Acetate	4.29	43	4072	1.289	ug/l #	65
20) Methylene Chloride	4.51	84	2981	1.523	ug/l	87
31) Cyclohexane	7.63	56	2670	1.104	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	10678	4.996	ug/l #	51
38) Carbon Tetrachloride	7.63	117	13061	5.167	ug/l #	16
43) Isopropyl Acetate	8.25	43	3650	0.980	ug/l #	61
68) m/p-Xylenes	11.60	106	607	0.204	ug/l	96
76) 1,2,3-Trichloropropane	12.38	75	57924	26.099	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	57924	79.673	ug/l #	10

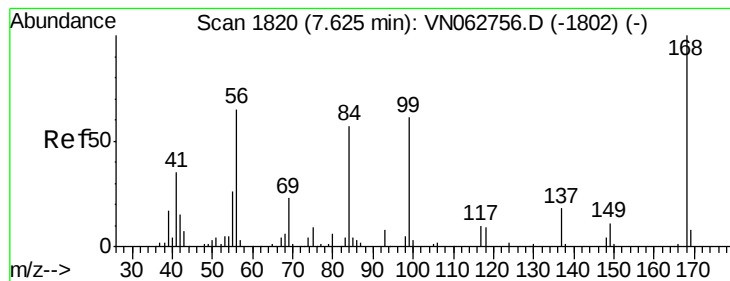
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081120\
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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062846.D

Acq: 11 Aug 2020 21:58

Instrument :

MSVOA_N

ClientSampleId :

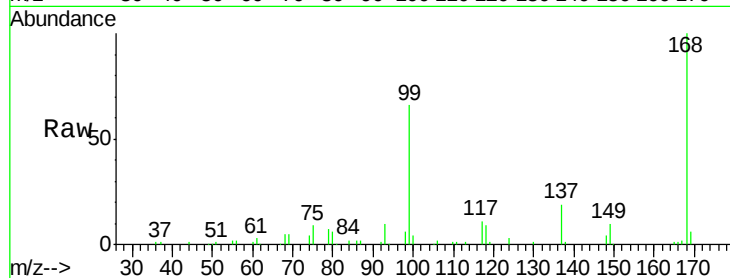
ES-TOTE-COMP

Tgt Ion:168 Resp: 120600

Ion Ratio Lower Upper

168 100

99 66.0 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

60000

50000

40000

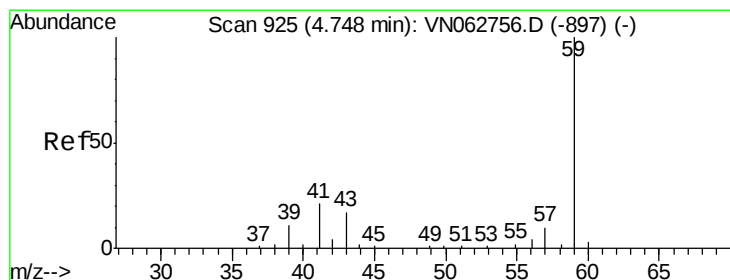
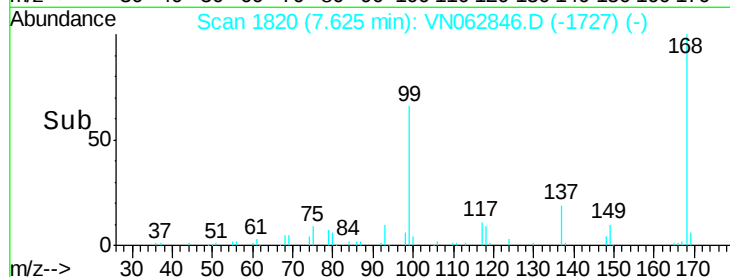
30000

20000

10000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.884 ug/l

RT: 4.76 min Scan# 928

Delta R.T. 0.01 min

Lab File: VN062846.D

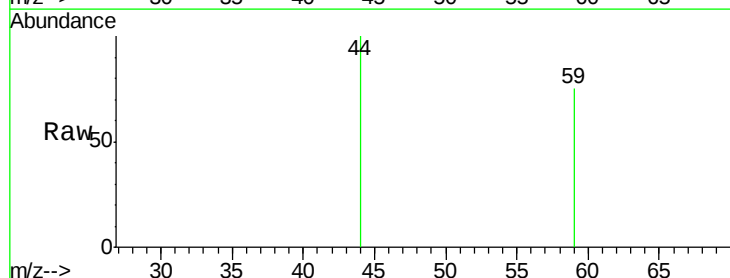
Acq: 11 Aug 2020 21:58

Tgt Ion: 59 Resp: 289

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.76

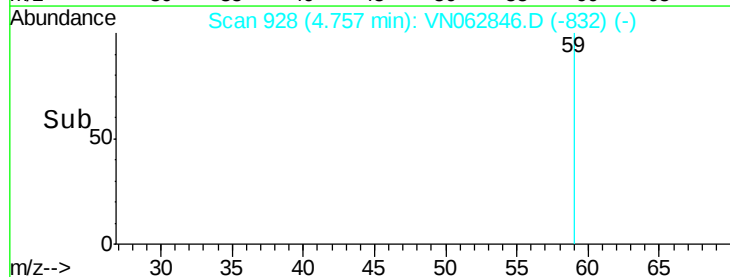
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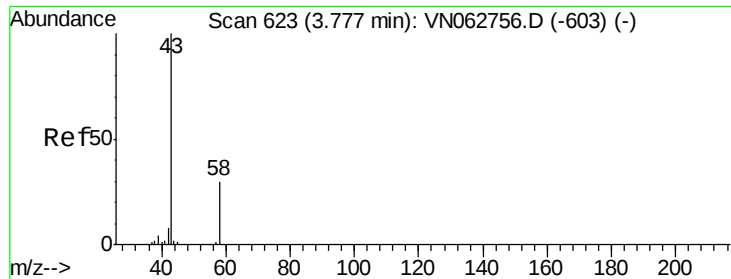
200

100

0

Time-->

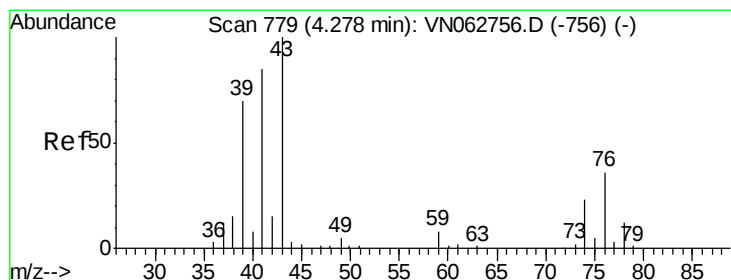
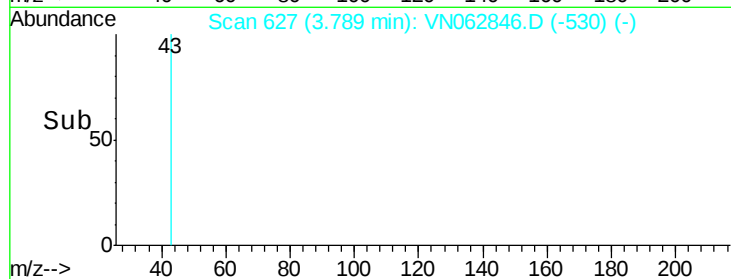
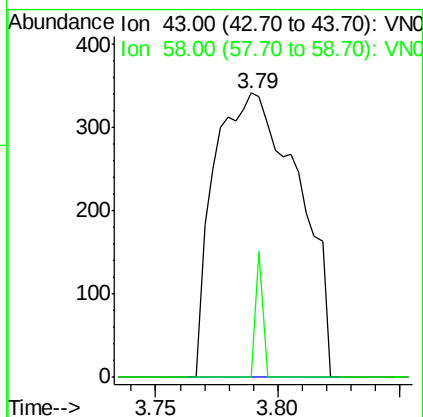
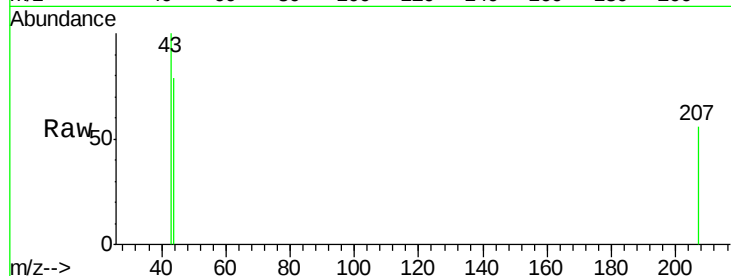




#16
Acetone
Concen: 1.132 ug/l
RT: 3.79 min Scan# 627
Delta R.T. 0.01 min
Lab File: VN062846.D
Acq: 11 Aug 2020 21:58

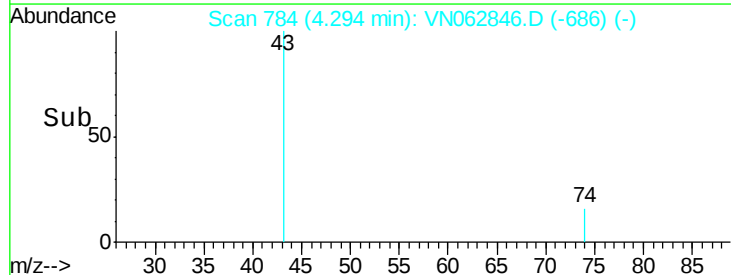
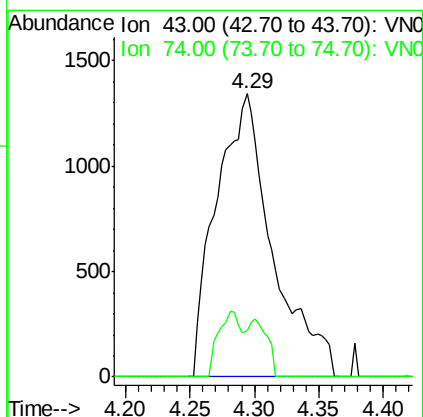
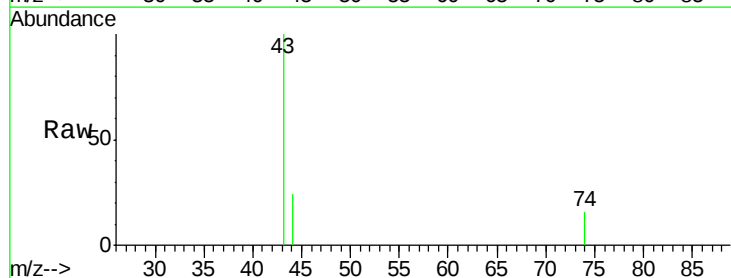
Instrument :
MSVOA_N
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ES-TOTE-COMP

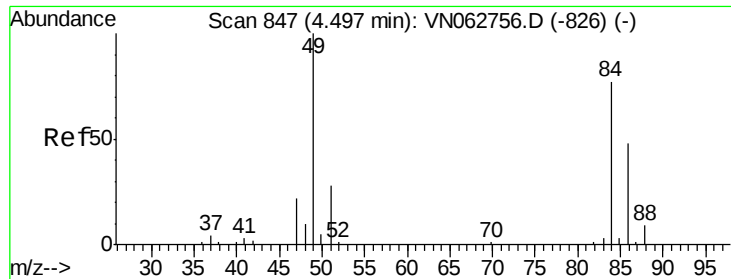
Tgt Ion: 43 Resp: 816
Ion Ratio Lower Upper
43 100
58 0.0 24.1 36.1#



#18
Methyl Acetate
Concen: 1.289 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.02 min
Lab File: VN062846.D
Acq: 11 Aug 2020 21:58

Tgt Ion: 43 Resp: 4072
Ion Ratio Lower Upper
43 100
74 6.3 18.6 28.0#

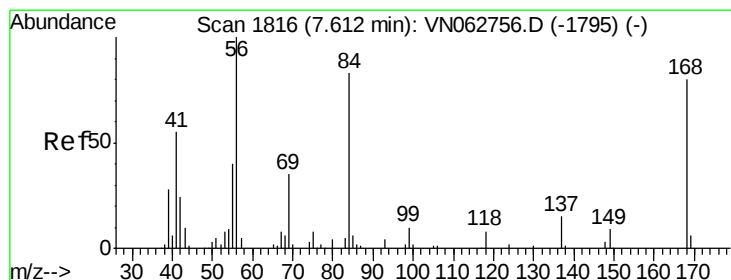
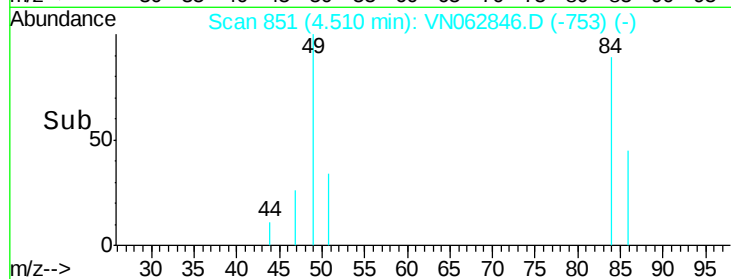
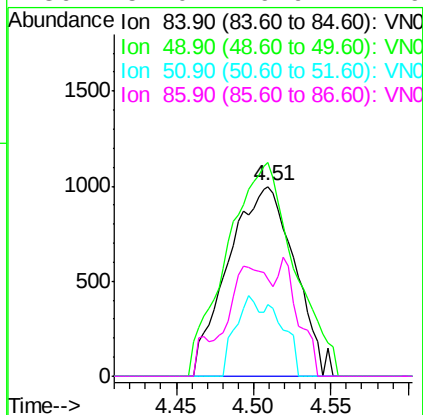
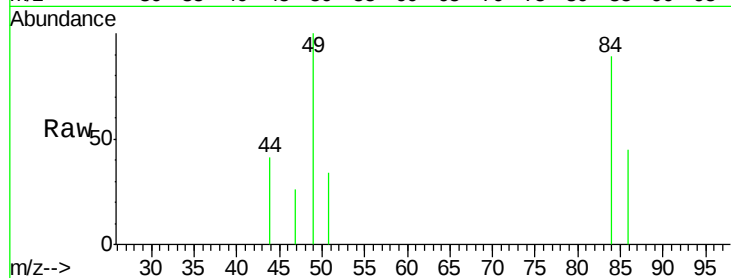




#20
Methylene Chloride
Concen: 1.523 ug/l
RT: 4.51 min Scan# 851
Delta R.T. 0.01 min
Lab File: VN062846.D
Acq: 11 Aug 2020 21:58

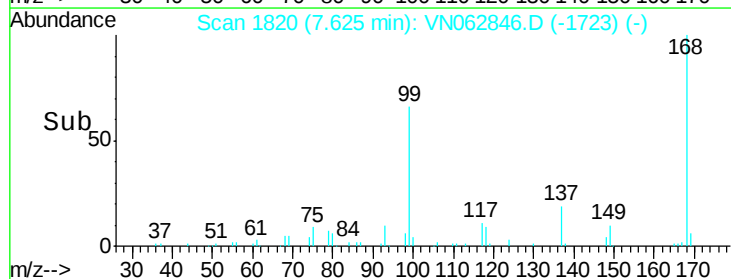
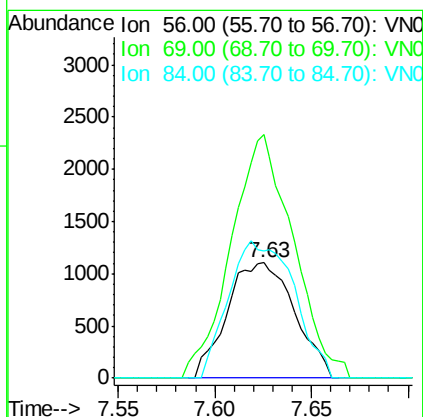
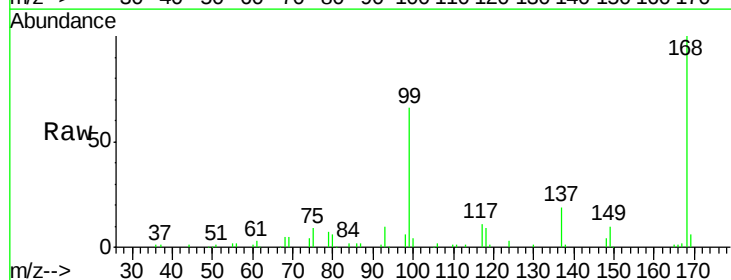
Instrument :
MSVOA_N
ClientSampleId :
ES-TOTE-COMP

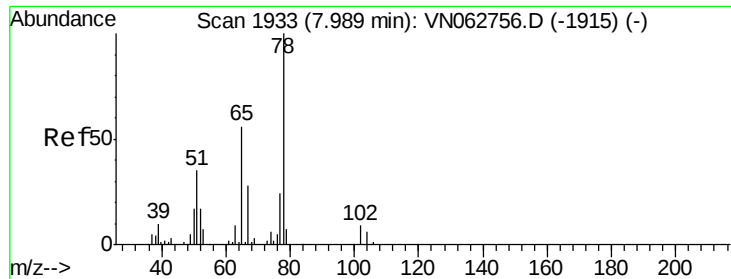
Tgt Ion:	84	Resp:	2981
Ion	Ratio	Lower	Upper
84	100		
49	112.5	103.4	155.2
51	37.8	29.3	43.9
86	51.0	49.9	74.9



#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN062846.D
Acq: 11 Aug 2020 21:58

Tgt Ion:	56	Resp:	2670
Ion	Ratio	Lower	Upper
56	100		
69	196.7	28.1	42.1#
84	110.0	66.8	100.2#





#33

1,2-Dichloroethane-d4

Concen: 53.140 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062846.D

Acq: 11 Aug 2020 21:58

Instrument :

MSVOA_N

ClientSampleId :

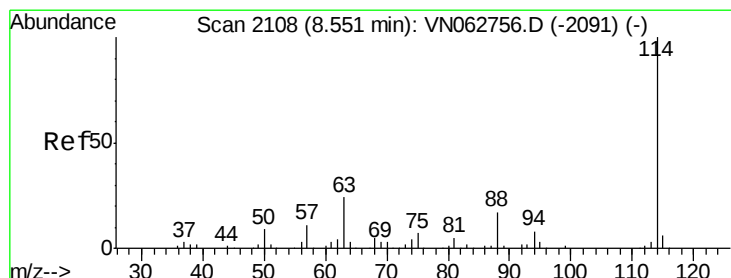
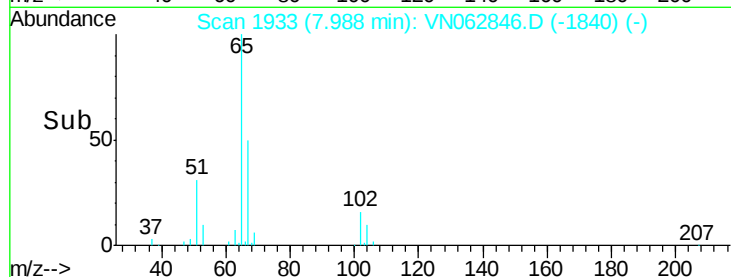
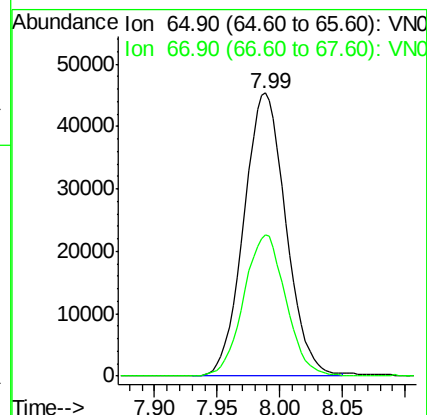
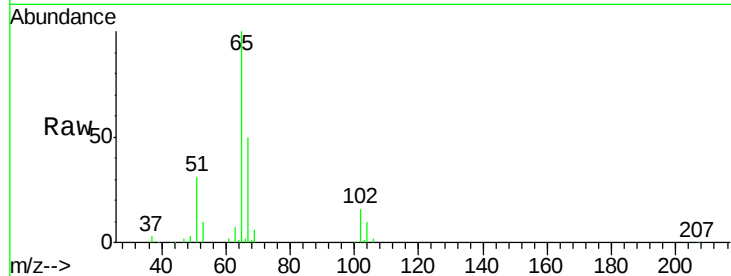
ES-TOTE-COMP

Tgt Ion: 65 Resp: 105979

Ion Ratio Lower Upper

65 100

67 49.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062846.D

Acq: 11 Aug 2020 21:58

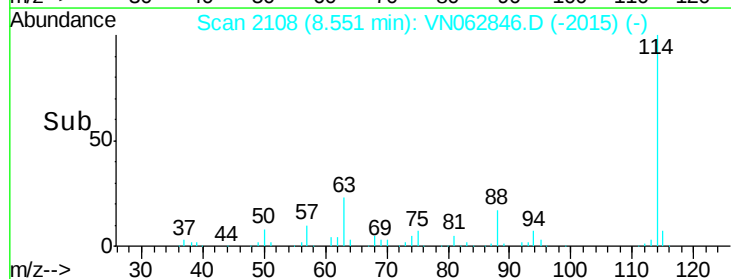
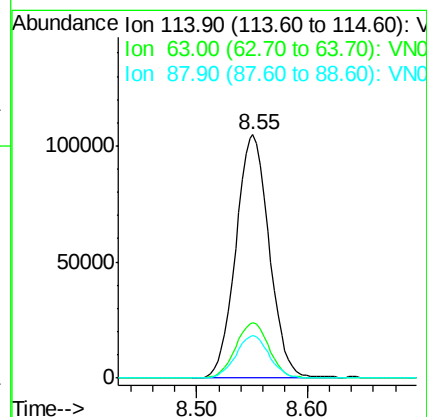
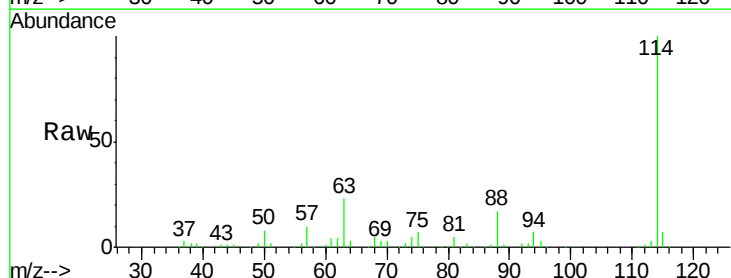
Tgt Ion: 114 Resp: 219516

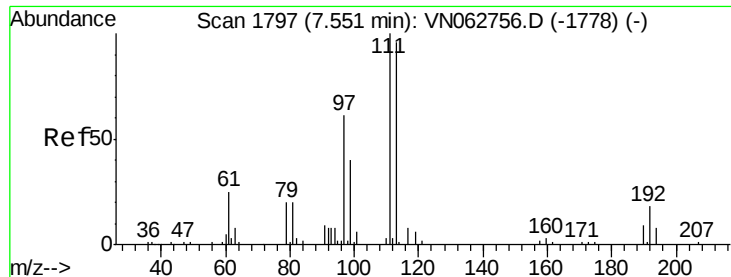
Ion Ratio Lower Upper

114 100

63 23.0 0.0 47.6

88 17.3 0.0 34.4

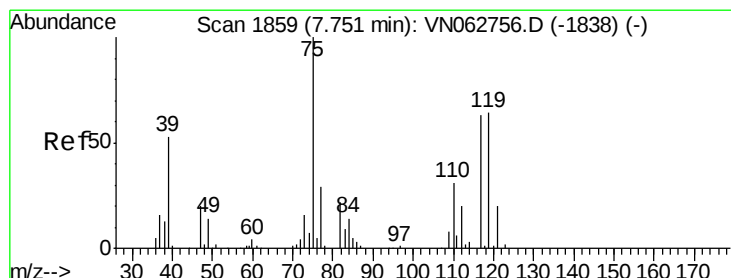
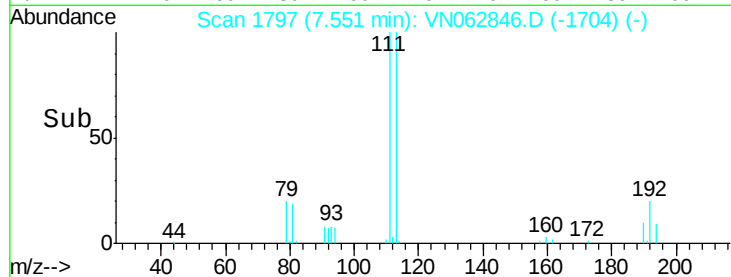
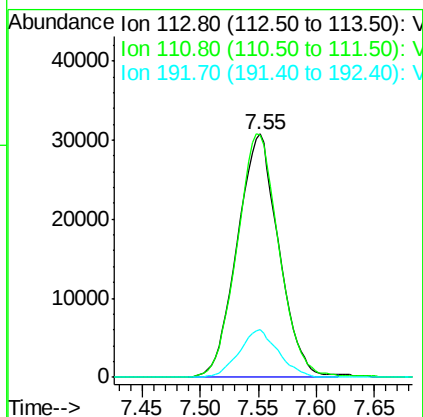
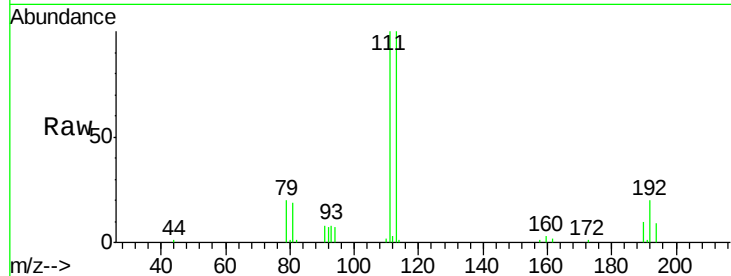




#35
 Dibromofluoromethane
 Concen: 50.975 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VN062846.D
 Acq: 11 Aug 2020 21:58

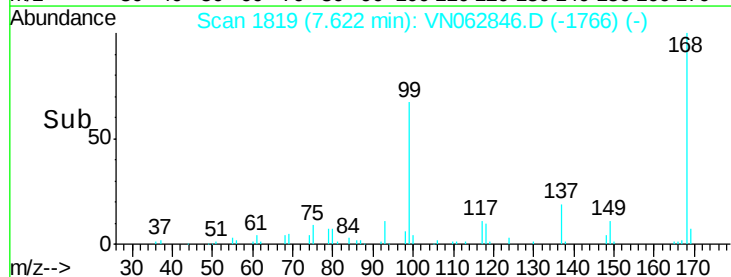
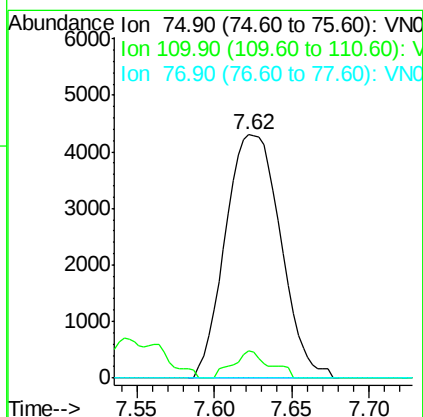
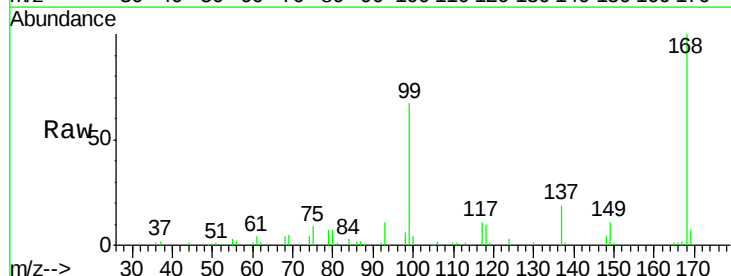
Instrument :
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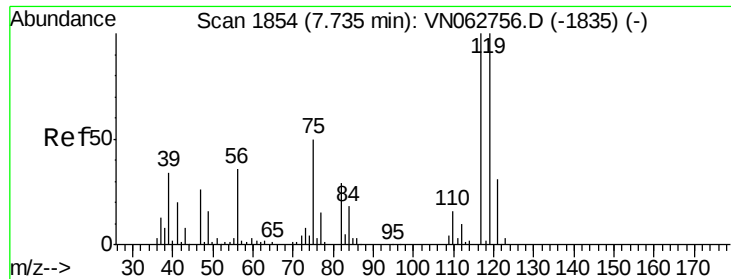
Tgt Ion: 113 Resp: 76544
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.8 122.6
 192 18.6 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 4.996 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN062846.D
 Acq: 11 Aug 2020 21:58

Tgt Ion: 75 Resp: 10678
 Ion Ratio Lower Upper
 75 100
 110 7.3 15.6 46.7#
 77 0.0 24.1 36.1#

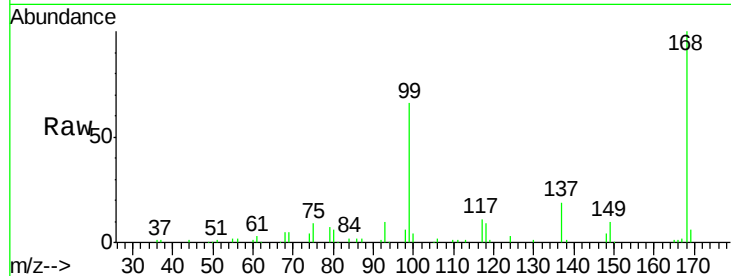




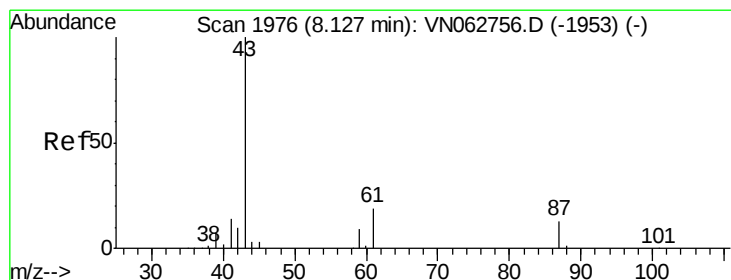
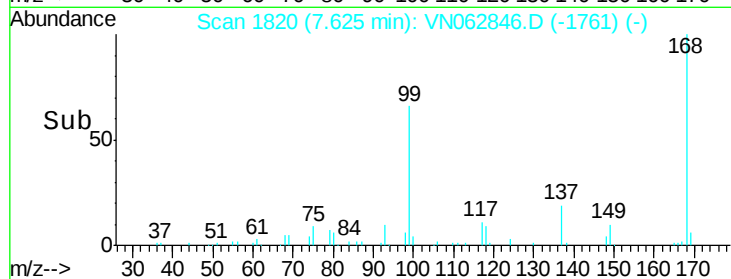
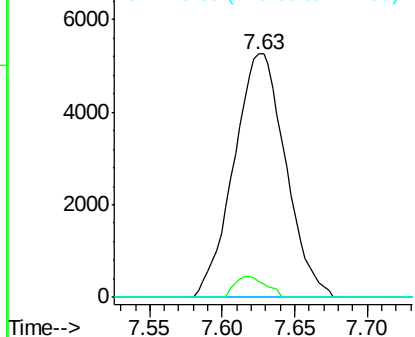
#38
Carbon Tetrachloride
Concen: 5.167 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN062846.D
Acq: 11 Aug 2020 21:58

Instrument :
MSVOA_N
ClientSampleId :
ES-TOTE-COMP

Tgt Ion: 117 Resp: 13061
Ion Ratio Lower Upper
117 100
119 6.5 79.4 119.2#
121 0.0 24.9 37.3#

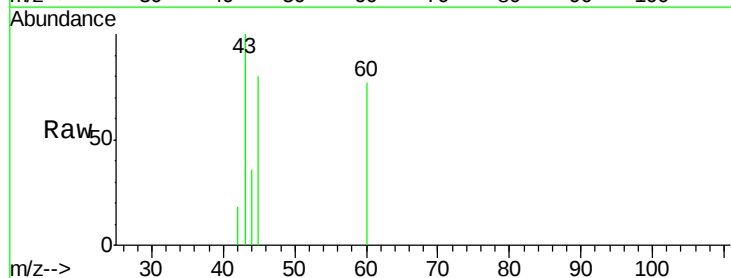


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

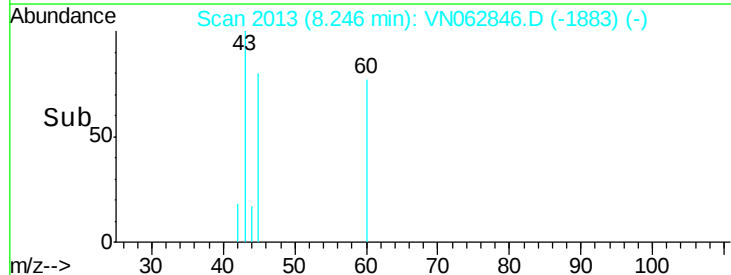
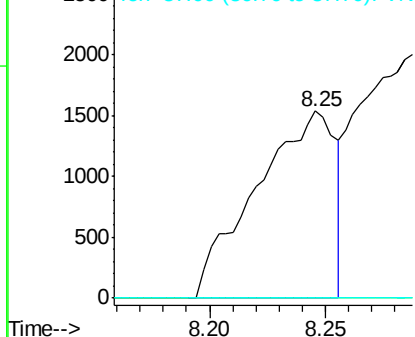


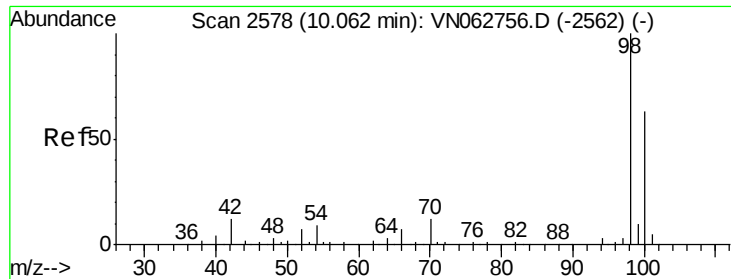
#43
Isopropyl Acetate
Concen: 0.980 ug/l
RT: 8.25 min Scan# 2013
Delta R.T. 0.12 min
Lab File: VN062846.D
Acq: 11 Aug 2020 21:58

Tgt Ion: 43 Resp: 3650
Ion Ratio Lower Upper
43 100
61 0.0 15.8 23.6#
87 0.0 9.9 14.9#



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 61.00 (60.70 to 61.70): V
Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 48.194 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062846.D

Acq: 11 Aug 2020 21:58

Instrument :

MSVOA_N

ClientSampleId :

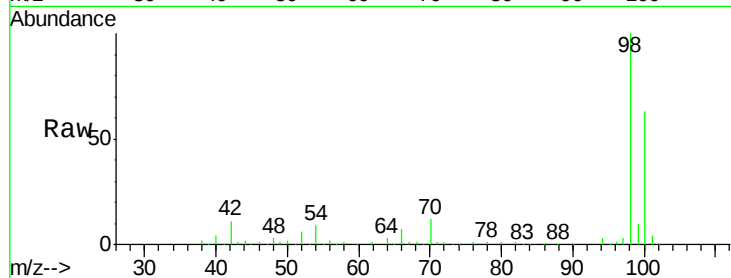
ES-TOTE-COMP

Tgt Ion: 98 Resp: 282535

Ion Ratio Lower Upper

98 100

100 63.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062756.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062756.D (-2562) (-)

10.06

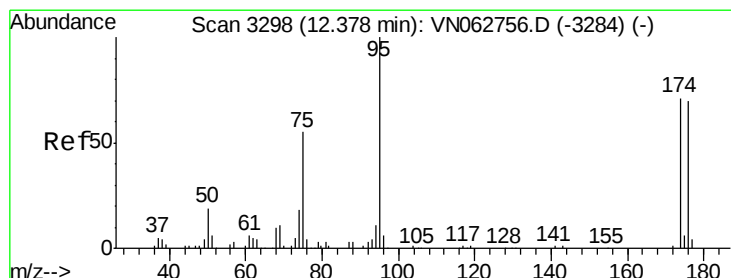
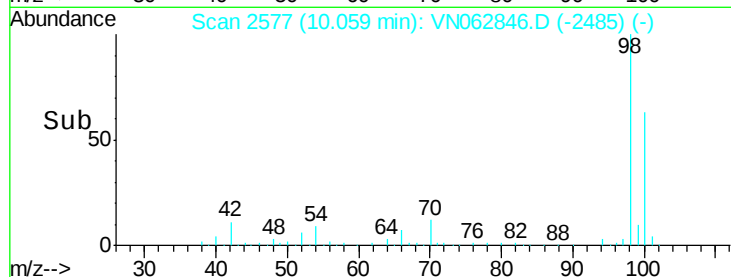
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.026 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062846.D

Acq: 11 Aug 2020 21:58

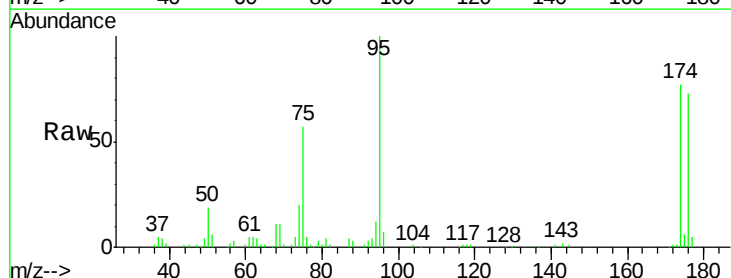
Tgt Ion: 95 Resp: 104181

Ion Ratio Lower Upper

95 100

174 75.8 0.0 144.8

176 71.2 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062756.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN062756.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN062756.D (-3284) (-)

12.38

80000

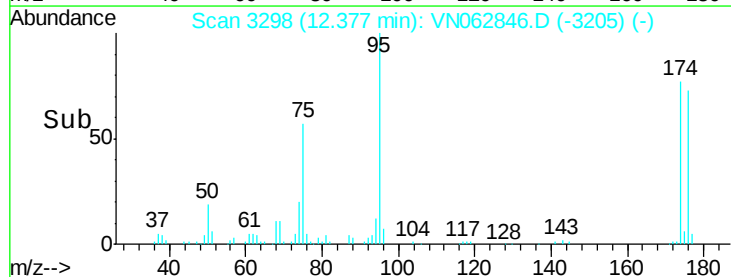
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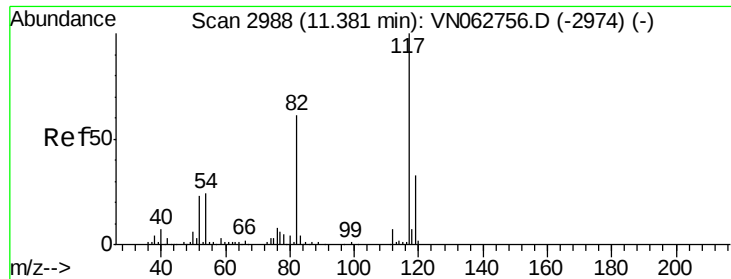
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Time-->

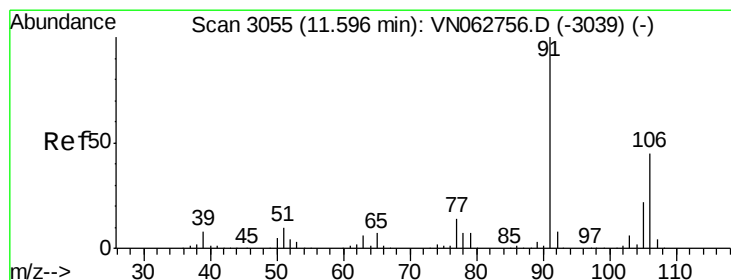
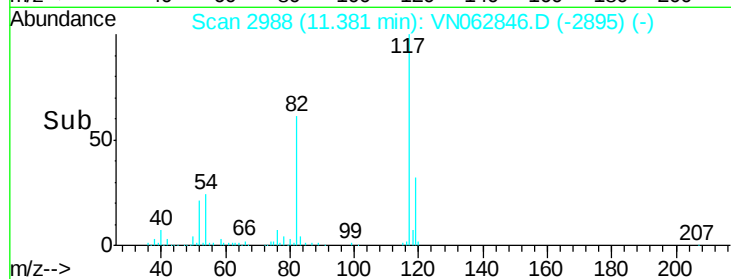
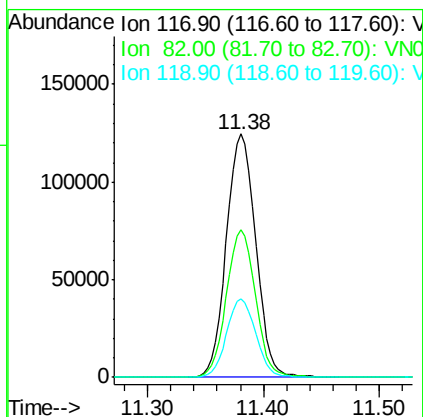
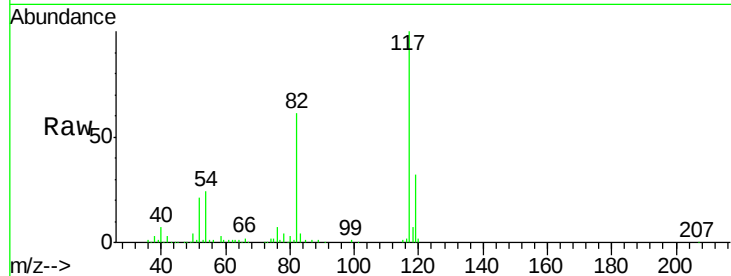




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062846.D
Acq: 11 Aug 2020 21:58

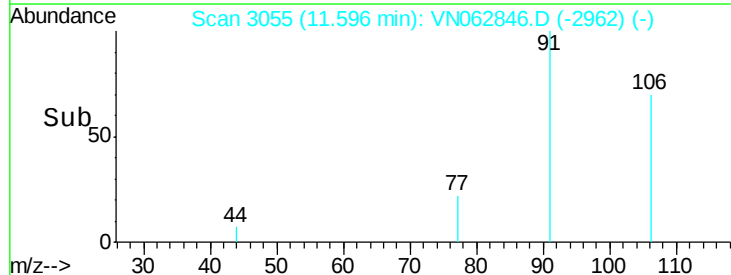
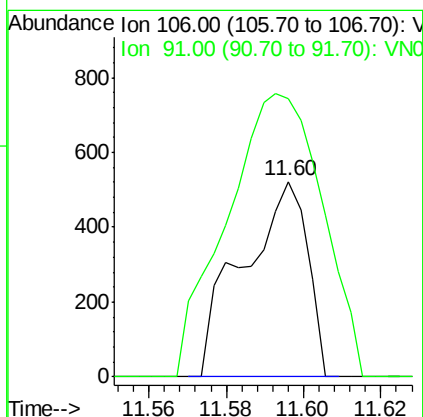
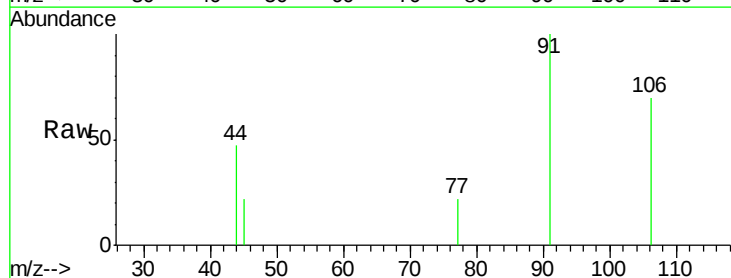
Instrument :
MSVOA_N
ClientSampleId :
ES-TOTE-COMP

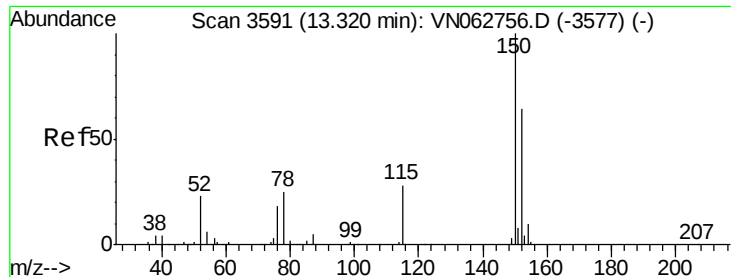
Tgt Ion:117 Resp: 219574
Ion Ratio Lower Upper
117 100
82 60.8 49.0 73.4
119 32.1 26.2 39.2



#68
m/p-Xylenes
Concen: 0.204 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062846.D
Acq: 11 Aug 2020 21:58

Tgt Ion:106 Resp: 607
Ion Ratio Lower Upper
106 100
91 213.8 175.9 263.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062846.D

Acq: 11 Aug 2020 21:58

Instrument :

MSVOA_N

ClientSampleId :

ES-TOTE-COMP

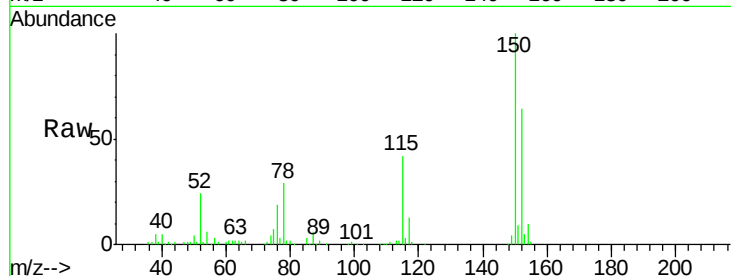
Tgt Ion:152 Resp: 82295

Ion Ratio Lower Upper

152 100

115 65.0 31.6 94.8

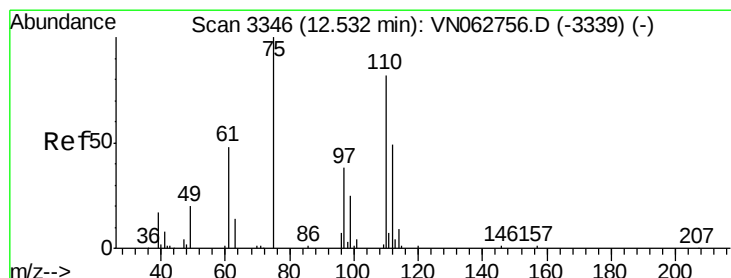
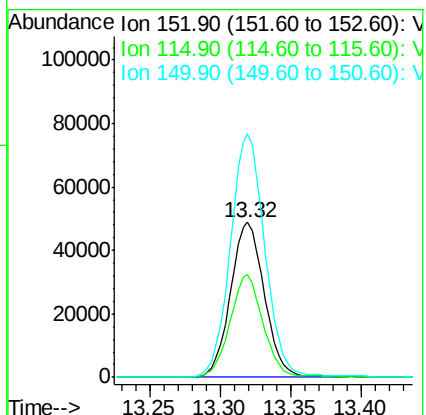
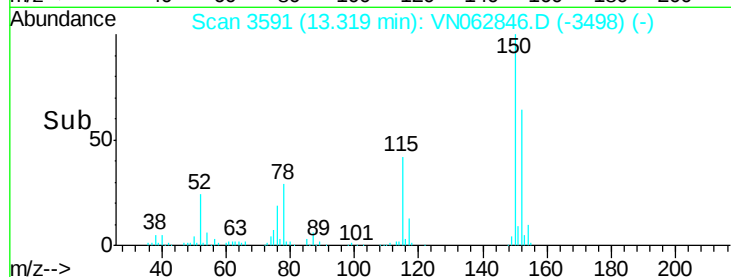
150 159.4 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 26.099 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062846.D

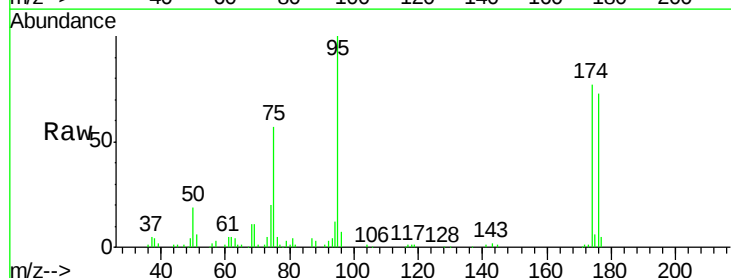
Acq: 11 Aug 2020 21:58

Tgt Ion: 75 Resp: 57924

Ion Ratio Lower Upper

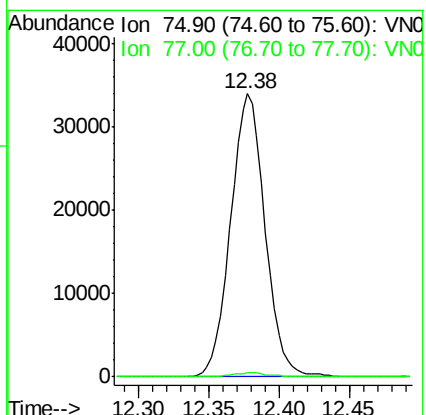
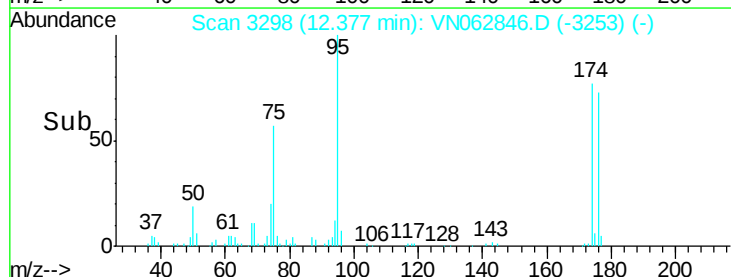
75 100

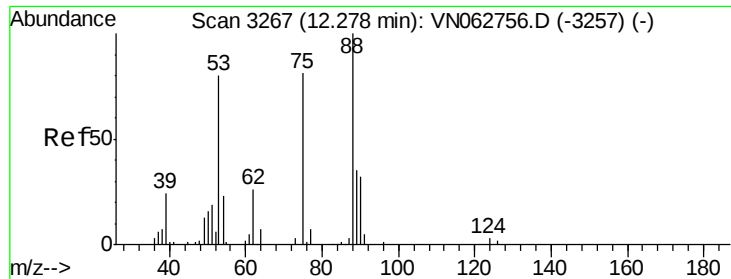
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 79.673 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062846.D

Acq: 11 Aug 2020 21:58

Instrument :

MSVOA_N

ClientSampleId :

ES-TOTE-COMP

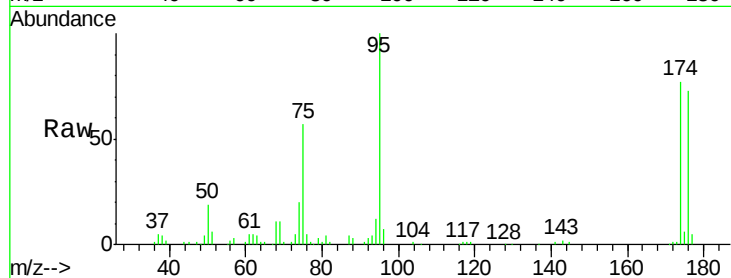
Tgt Ion: 75 Resp: 57924

Ion Ratio Lower Upper

75 100

53 0.0 79.1 118.7#

89 0.0 36.2 54.2#



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

