

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072220\
 Data File : VN062597.D
 Acq On : 22 Jul 2020 15:59
 Operator : JC/MD
 Sample : PB130365ZHE#11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130365ZHE#11

Quant Time: Jul 23 07:17:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	170718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	299019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	295225	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	106584	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	136391	51.43	ug/l	0.00
Spiked Amount			Recovery	=	102.86%	
35) Dibromofluoromethane	7.55	113	99558	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	
50) Toluene-d8	10.06	98	393303	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.38	95	135974	47.45	ug/l	0.00
Spiked Amount			Recovery	=	94.90%	

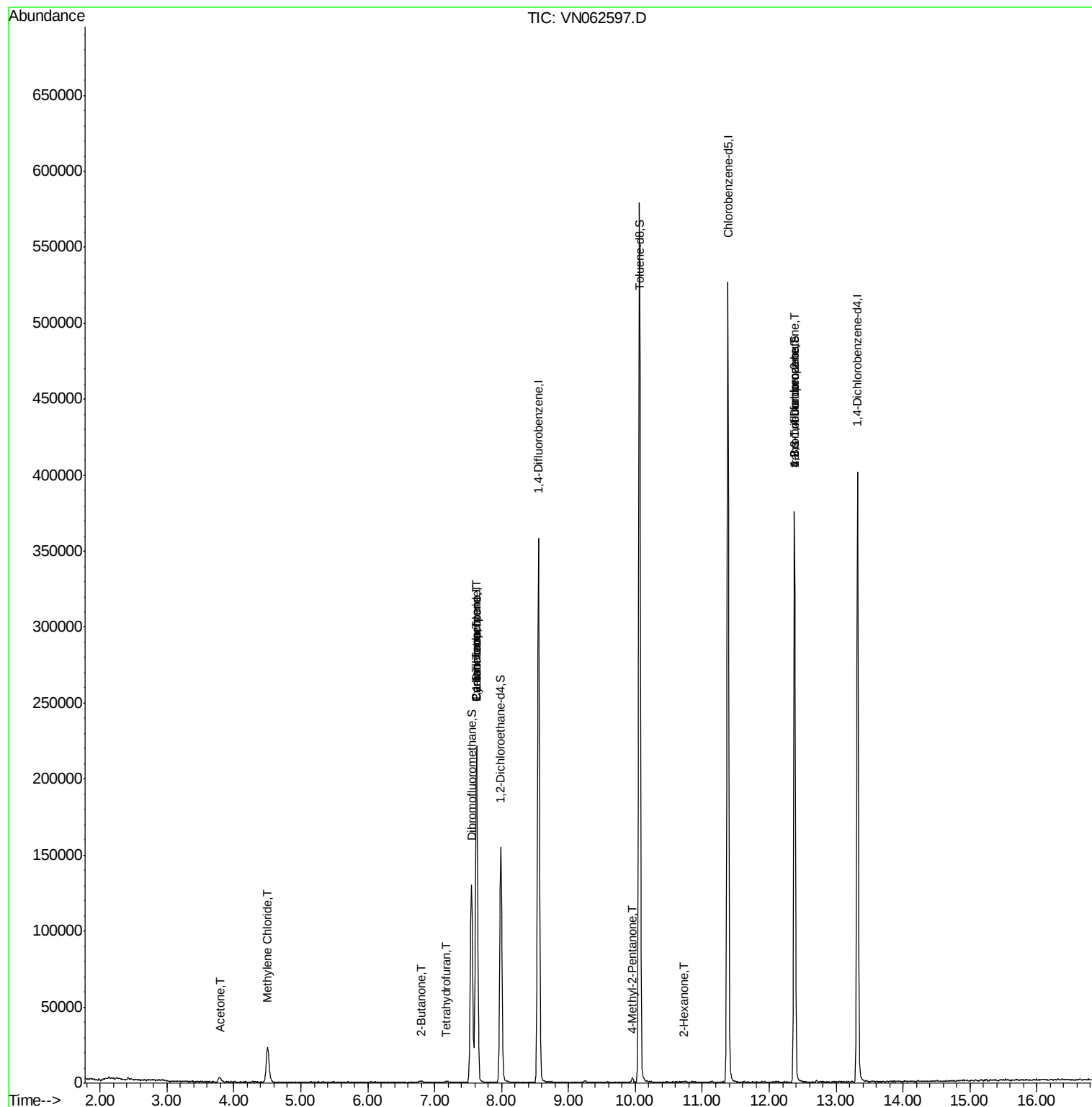
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	6274	6.287	ug/l	96
20) Methylene Chloride	4.50	84	17053	7.125	ug/l	97
25) 2-Butanone	6.80	43	1433	0.943	ug/l #	88
29) Tetrahydrofuran	7.18	42	768	0.747	ug/l #	48
31) Cyclohexane	7.63	56	4566	1.168	ug/l #	2
36) 1,1-Dichloropropene	7.63	75	14643	4.594	ug/l #	51
38) Carbon Tetrachloride	7.63	117	16577	5.411	ug/l #	18
51) 4-Methyl-2-Pentanone	9.95	43	2445	0.738	ug/l #	82
59) 2-Hexanone	10.72	43	111	3.002	ug/l #	26
76) 1,2,3-Trichloropropane	12.38	75	73323	27.027	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	73323	75.237	ug/l #	12

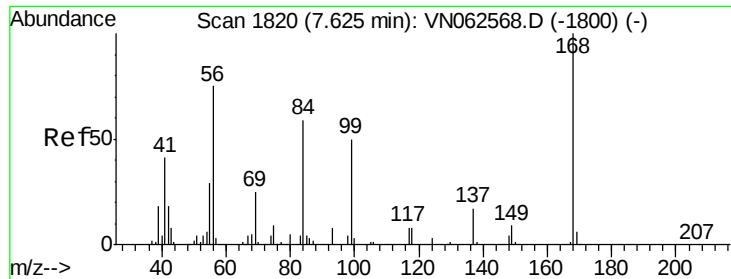
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062597.D

Acq: 22 Jul 2020 15:59

Instrument :

MSVOA_N

ClientSampleId :

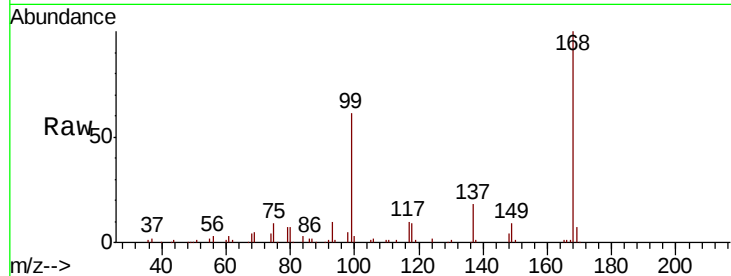
PB130365ZHE#11

Tot Ion:168 Resp: 170718

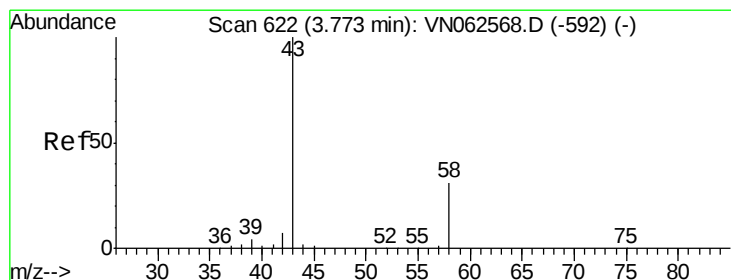
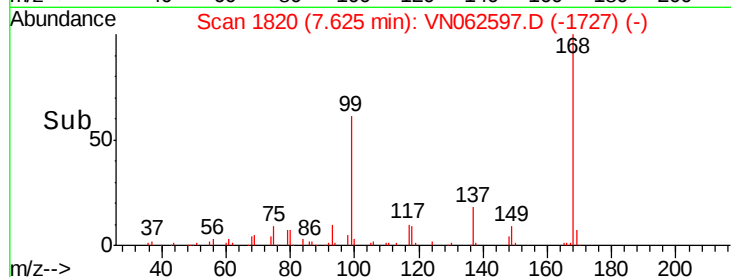
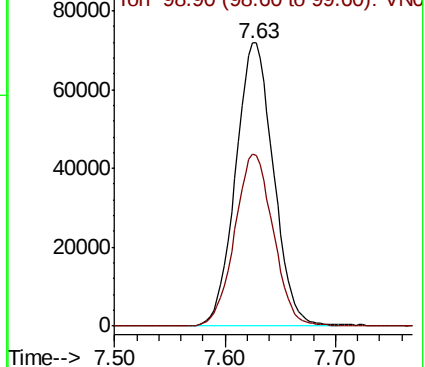
Ion Ratio Lower Upper

168 100

99 60.8 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VN062568.D (-1800) (-)



#16

Acetone

Concen: 6.287 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062597.D

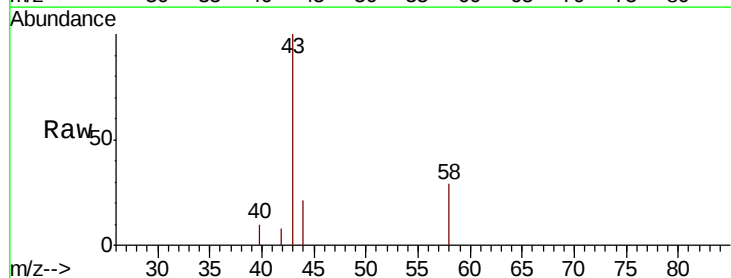
Acq: 22 Jul 2020 15:59

Tgt Ion: 43 Resp: 6274

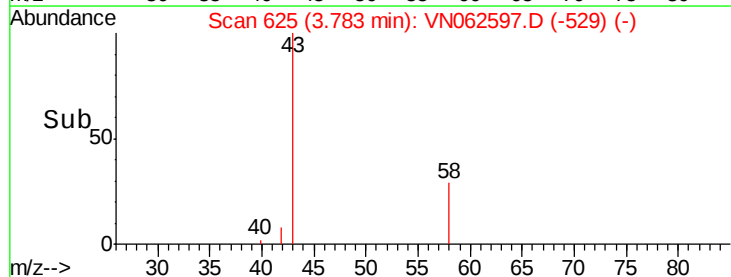
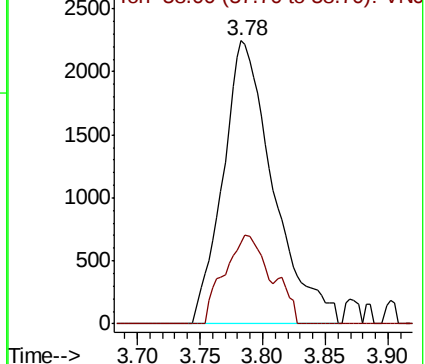
Ion Ratio Lower Upper

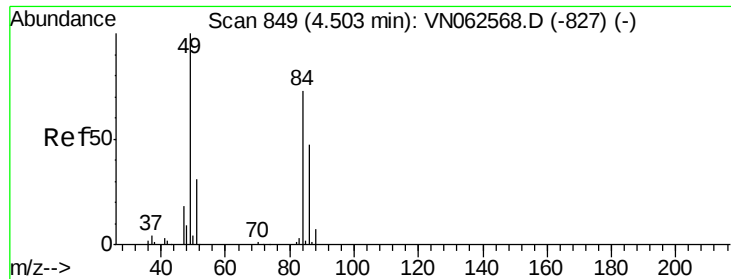
43 100

58 28.8 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-592) (-)

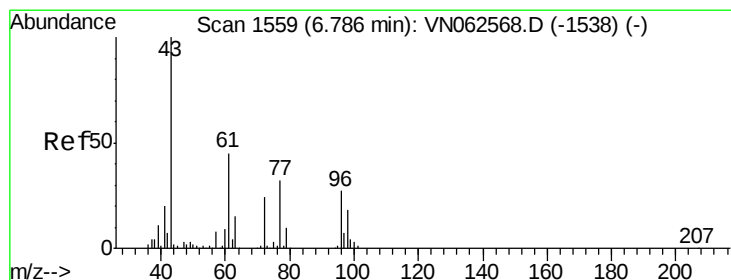
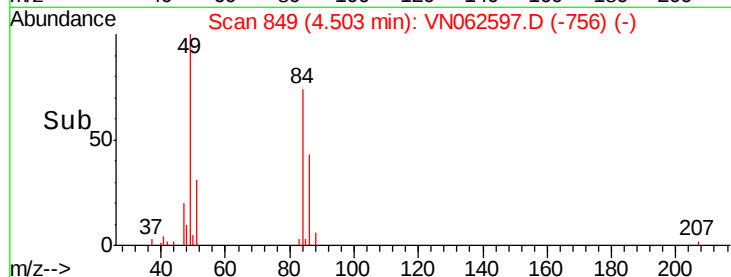
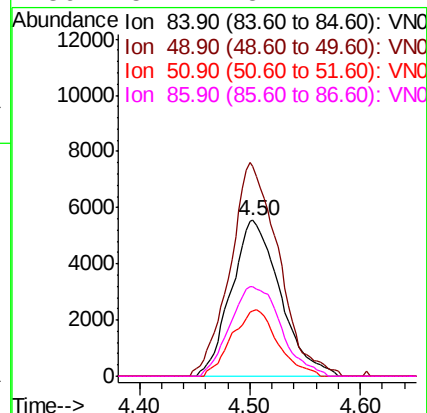
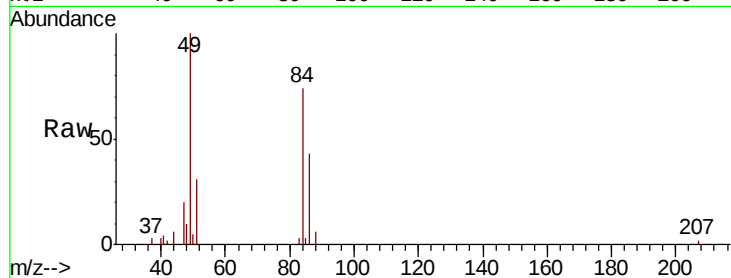




#20
Methvlene Chloride
Concen: 7.125 ug/l
RT: 4.50 min Scan# 849
Delta R.T. -0.00 min
Lab File: VN062597.D
Acq: 22 Jul 2020 15:59

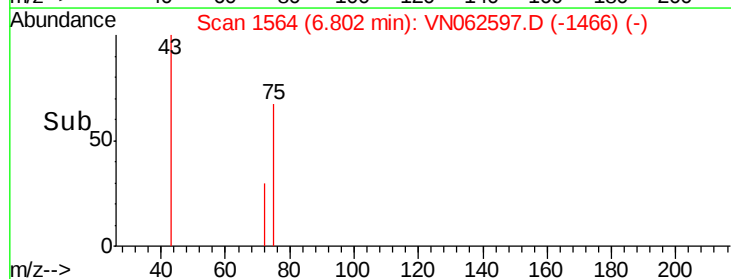
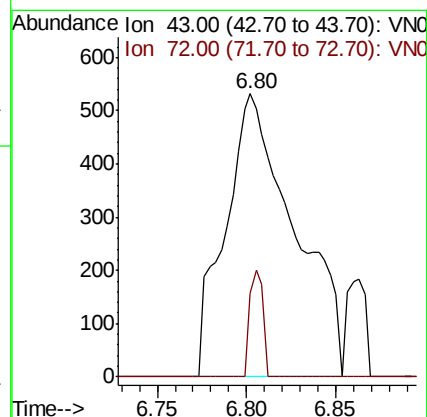
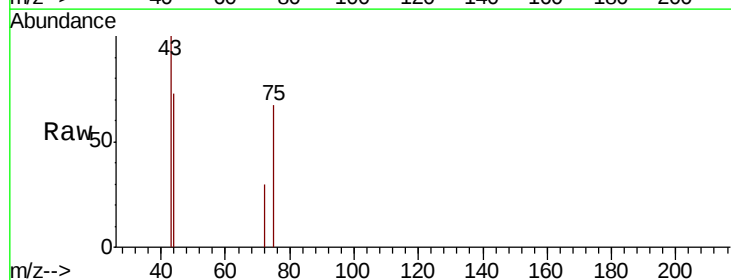
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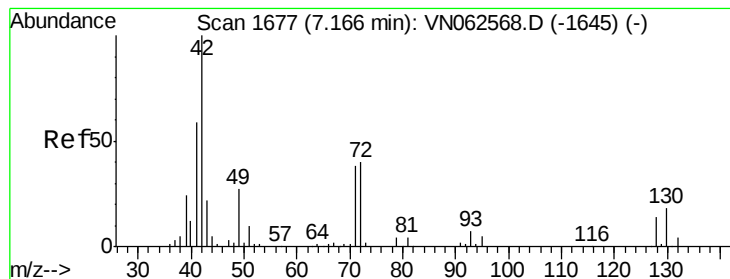
Tot Ion:	84	Resp:	17053
Ion	Ratio	Lower	Upper
84	100		
49	134.7	109.4	164.0
51	42.2	33.6	50.4
86	57.4	51.4	77.2



#25
2-Butanone
Concen: 0.943 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. 0.02 min
Lab File: VN062597.D
Acq: 22 Jul 2020 15:59

Tgt Ion:	43	Resp:	1433
Ion	Ratio	Lower	Upper
43	100		
72	29.5	19.0	28.6#





#29

Tetrahydrofuran

Concen: 0.747 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VN062597.D

Acq: 22 Jul 2020 15:59

Instrument :

MSVOA_N

ClientSampleId :

PB130365ZHE#11

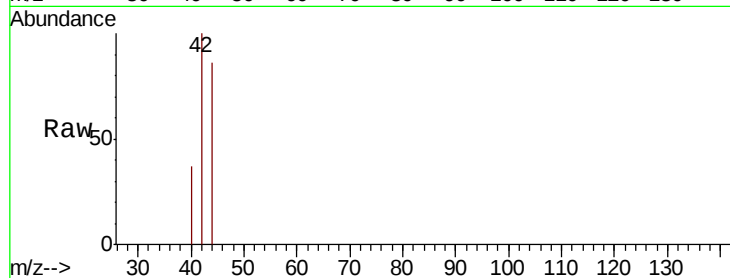
Tot Ion: 42 Resp: 768

Ion Ratio Lower Upper

42 100

72 12.0 30.7 46.1#

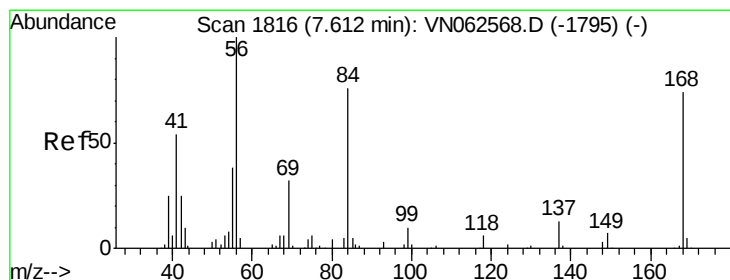
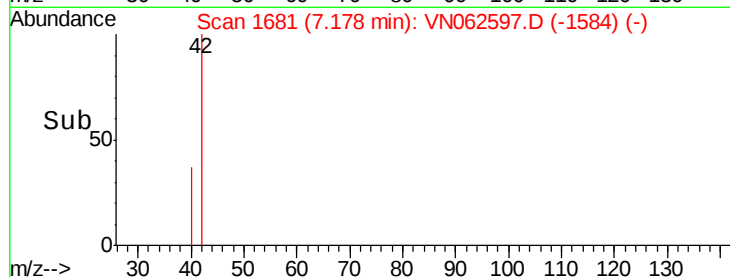
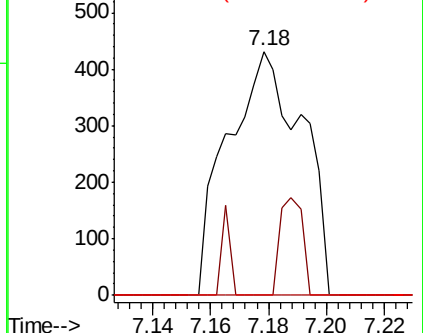
71 0.0 29.1 43.7#



Abundance Ion 42.00 (41.70 to 42.70): VN062568.D (-1645) (-)

Ion 72.00 (71.70 to 72.70): VN062568.D (-1645) (-)

Ion 71.00 (70.70 to 71.70): VN062568.D (-1645) (-)



#31

Cyclohexane

Concen: 1.168 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VN062597.D

Acq: 22 Jul 2020 15:59

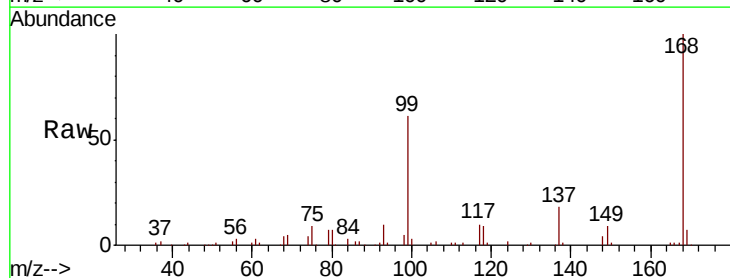
Tgt Ion: 56 Resp: 4566

Ion Ratio Lower Upper

56 100

69 170.3 25.3 37.9#

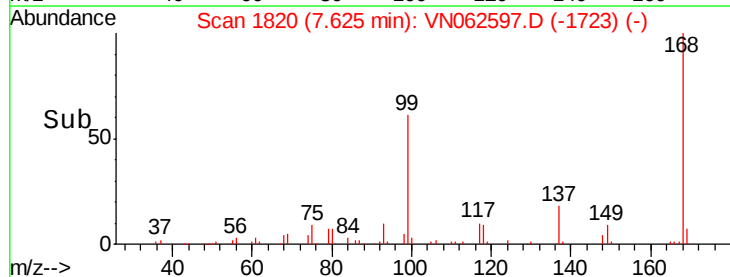
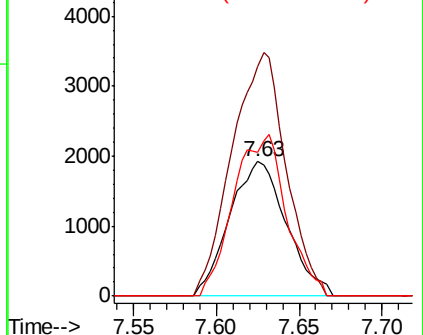
84 106.5 61.0 91.4#

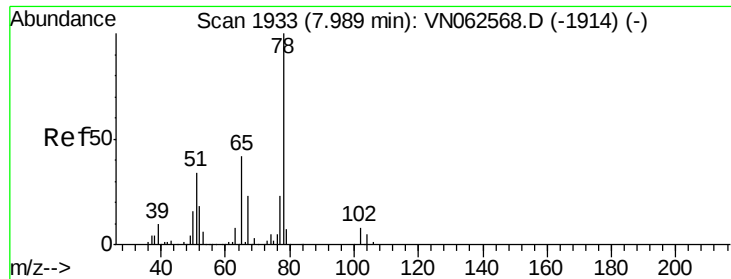


Abundance Ion 56.00 (55.70 to 56.70): VN062568.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN062568.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN062568.D (-1795) (-)

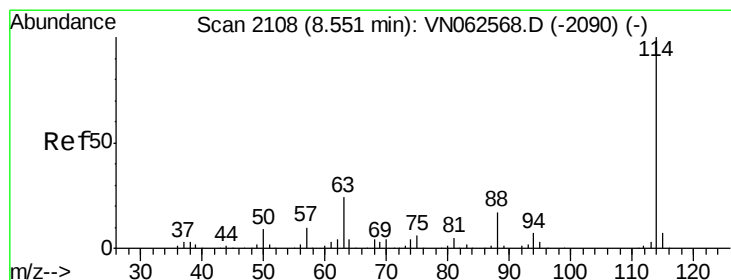
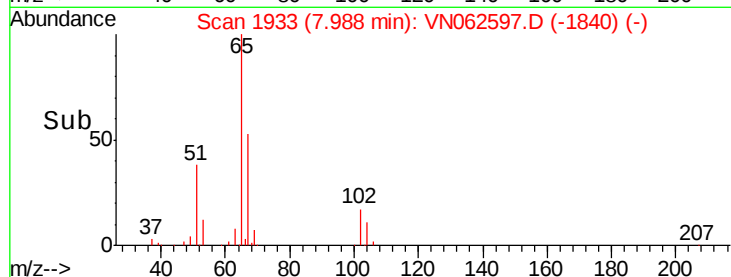
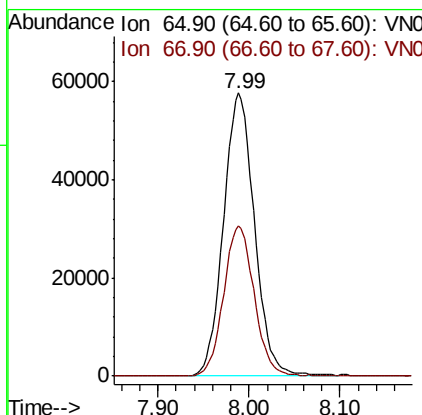
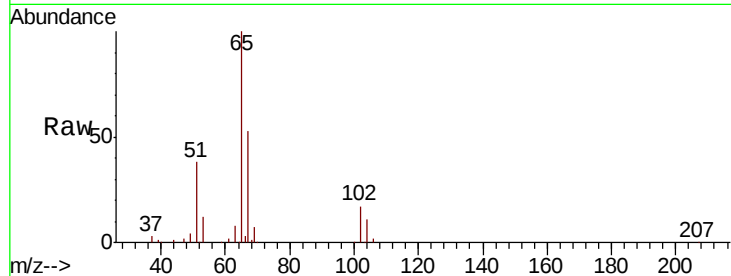




#33
 1,2-Dichloroethane-d4
 Concen: 51.429 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062597.D
 Acq: 22 Jul 2020 15:59

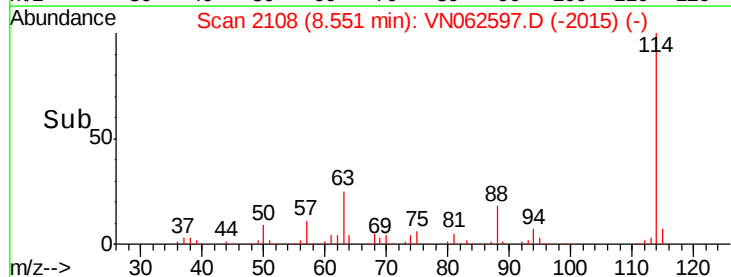
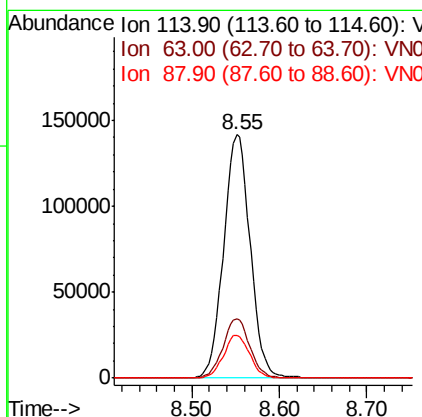
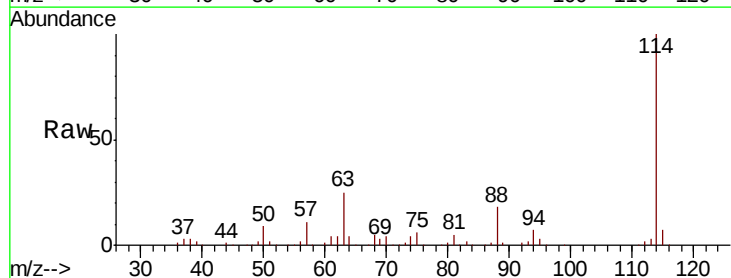
Instrument :
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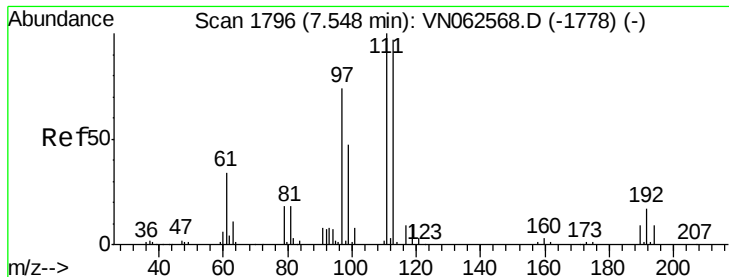
Tot Ion: 65 Resp: 136391
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062597.D
 Acq: 22 Jul 2020 15:59

Tgt Ion: 114 Resp: 299019
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 48.4
 88 17.6 0.0 33.8

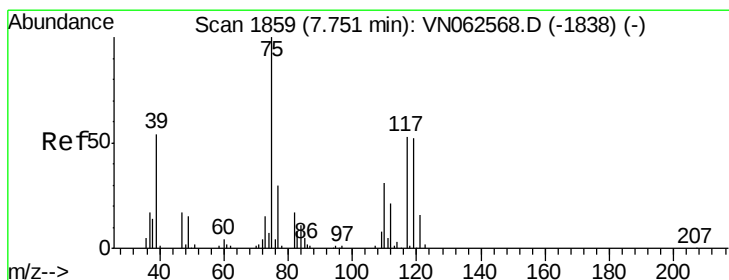
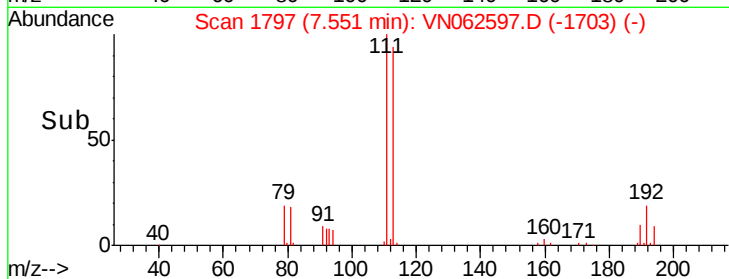
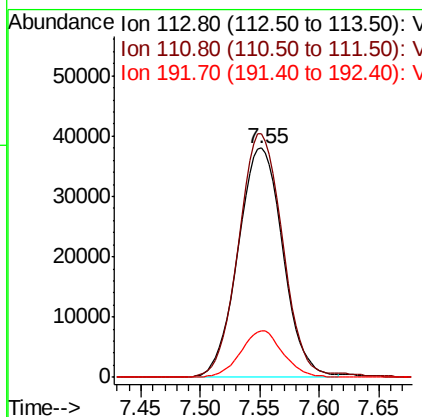
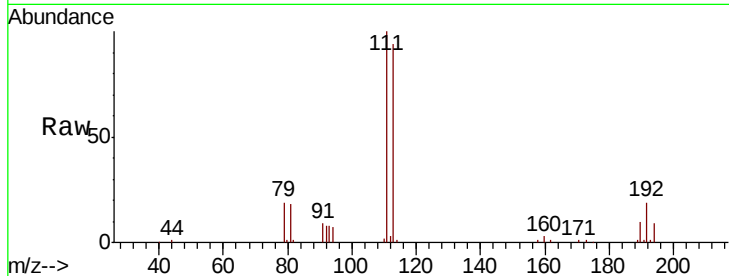




#35
 Dibromofluoromethane
 Concen: 50.688 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062597.D
 Acq: 22 Jul 2020 15:59

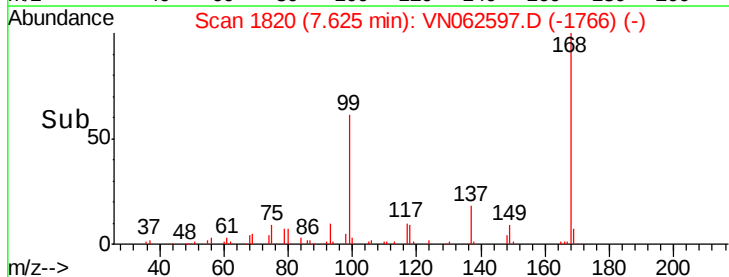
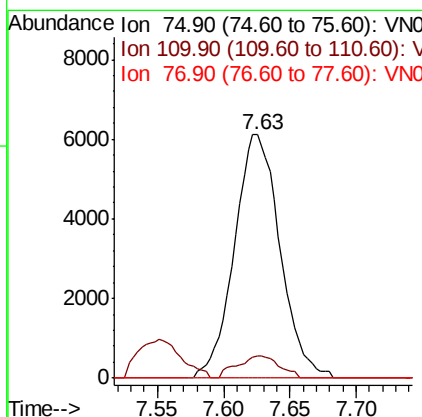
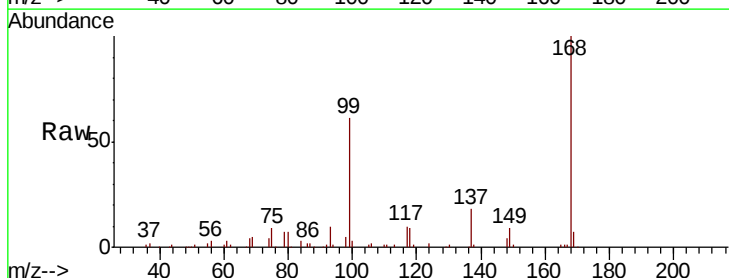
Instrument :
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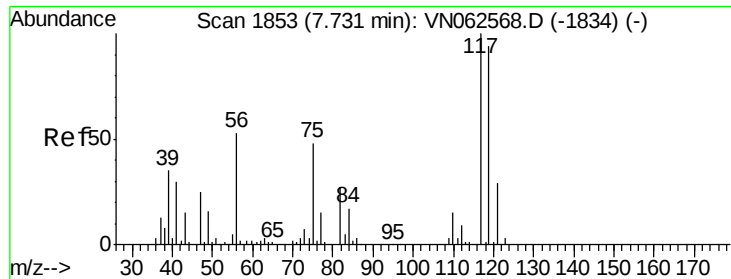
Tot Ion:113 Resp: 99558
 Ion Ratio Lower Upper
 113 100
 111 105.1 82.7 124.1
 192 19.1 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 4.594 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062597.D
 Acq: 22 Jul 2020 15:59

Tgt Ion: 75 Resp: 14643
 Ion Ratio Lower Upper
 75 100
 110 8.3 16.0 48.0#
 77 0.0 24.6 36.8#

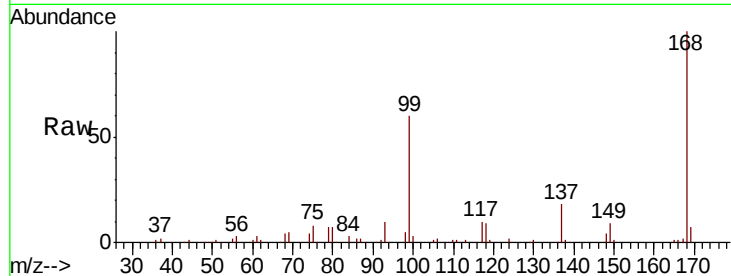




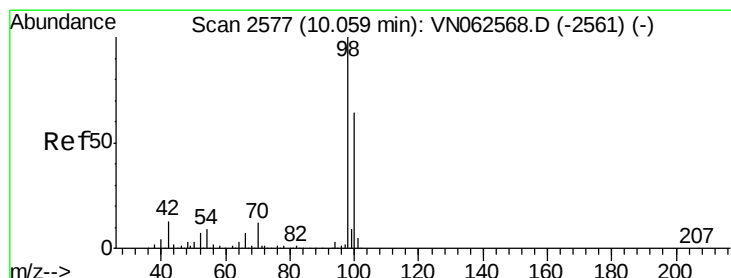
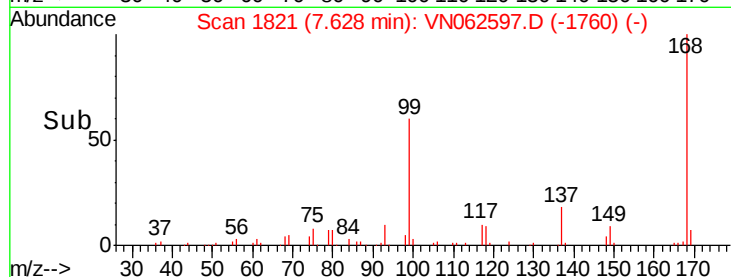
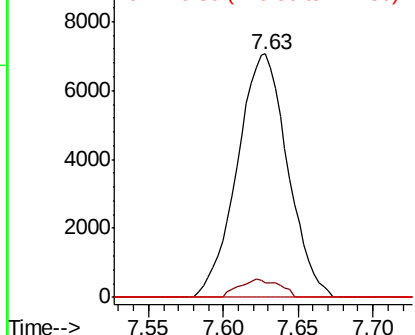
#38
Carbon Tetrachloride
Concen: 5.411 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.10 min
Lab File: VN062597.D
Acq: 22 Jul 2020 15:59

Instrument :
MSVOA_N
ClientSampleId :
PB130365ZHE#11

Tot Ion:117 Resp: 16577
Ion Ratio Lower Upper
117 100
119 6.1 74.8 112.2#
121 0.0 23.0 34.6#

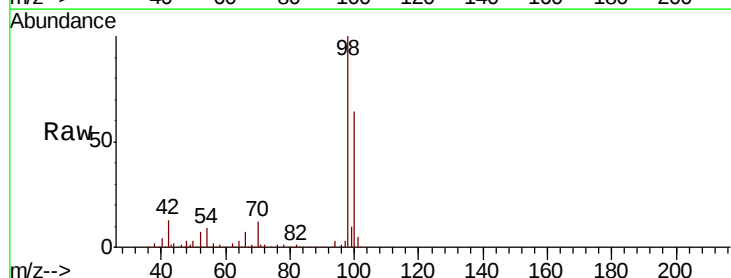


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

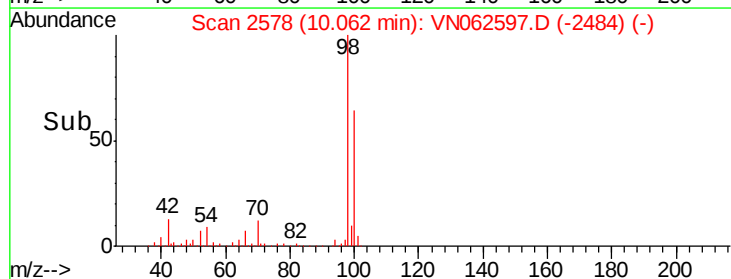
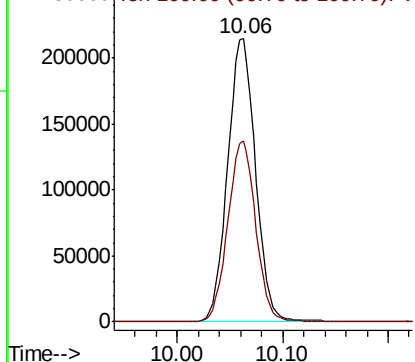


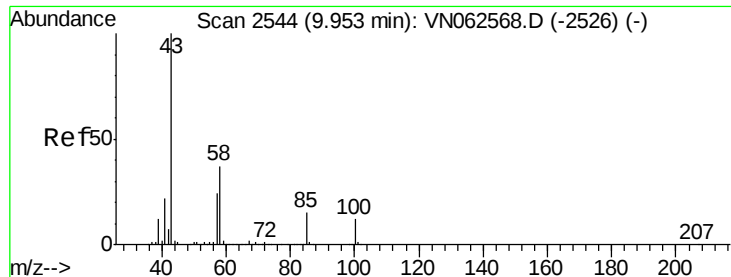
#50
Toluene-d8
Concen: 50.187 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. 0.00 min
Lab File: VN062597.D
Acq: 22 Jul 2020 15:59

Tgt Ion: 98 Resp: 393303
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN
250000 Ion 100.00 (99.70 to 100.70): VN

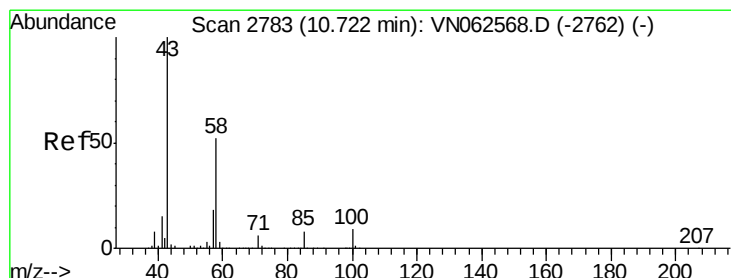
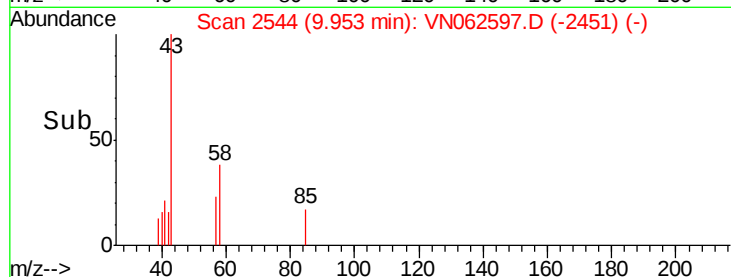
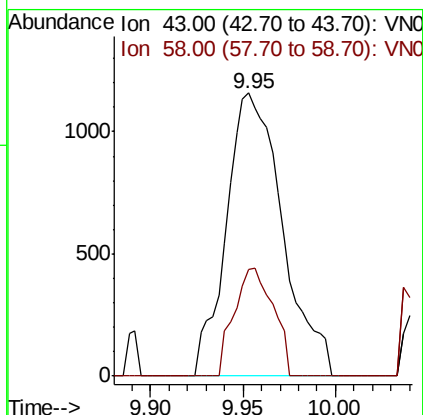
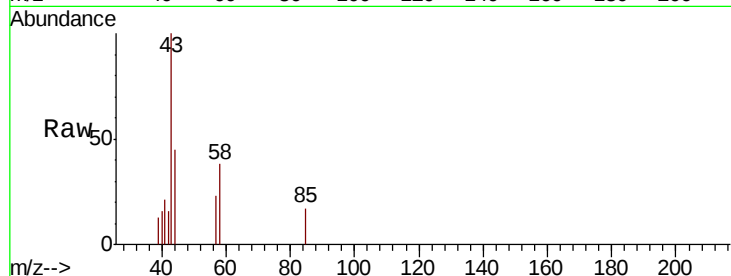




#51
 4-Methyl-2-Pentanone
 Concen: 0.738 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062597.D
 Acq: 22 Jul 2020 15:59

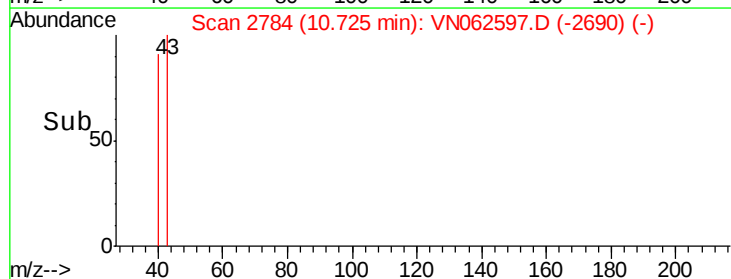
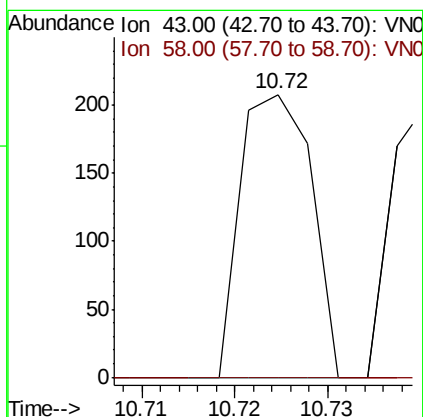
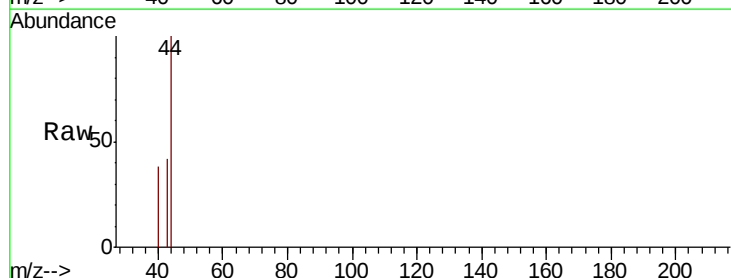
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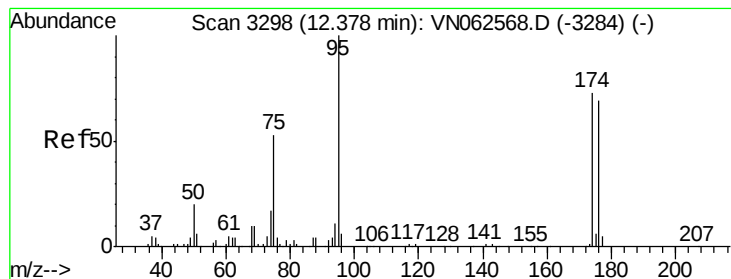
Tot Ion: 43 Resp: 2445
 Ion Ratio Lower Upper
 43 100
 58 26.6 29.8 44.6#



#59
 2-Hexanone
 Concen: 3.002 ug/l
 RT: 10.72 min Scan# 2784
 Delta R.T. 0.00 min
 Lab File: VN062597.D
 Acq: 22 Jul 2020 15:59

Tgt Ion: 43 Resp: 111
 Ion Ratio Lower Upper
 43 100
 58 0.0 26.0 78.0#





#62

4-Bromofluorobenzene

Concen: 47.453 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062597.D

Acq: 22 Jul 2020 15:59

Instrument :

MSVOA_N

ClientSampleId :

PB130365ZHE#11

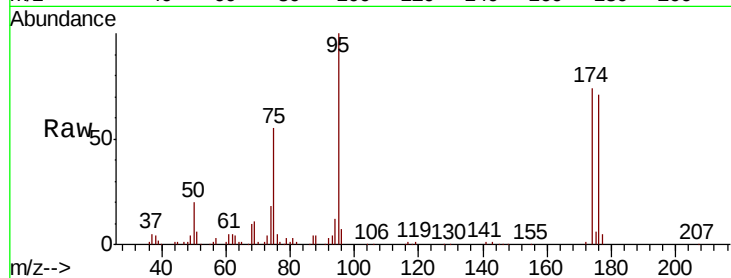
Tot Ion: 95 Resp: 135974

Ion Ratio Lower Upper

95 100

174 74.5 0.0 144.6

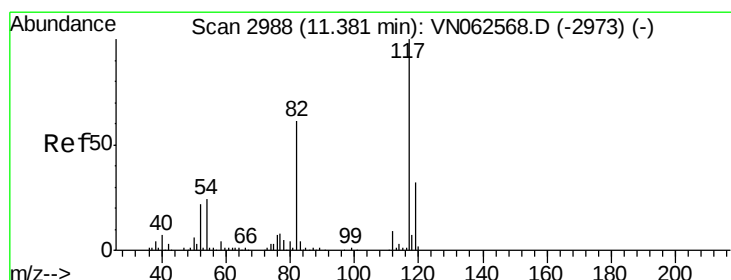
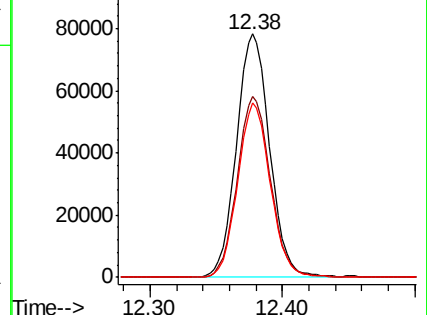
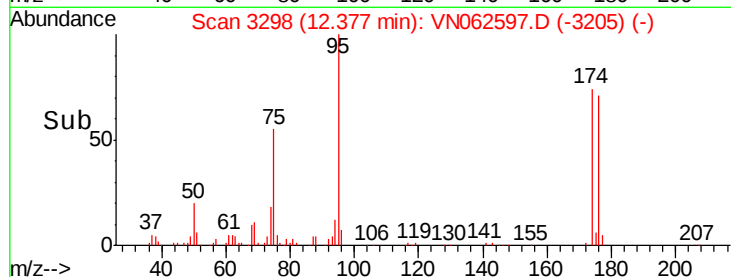
176 70.5 0.0 139.4



Abundance Ion 94.90 (94.60 to 95.60): VN062597.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062597.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062597.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062597.D

Acq: 22 Jul 2020 15:59

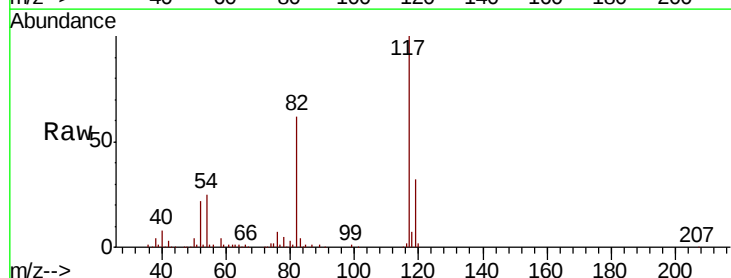
Tgt Ion: 117 Resp: 295225

Ion Ratio Lower Upper

117 100

82 62.2 49.0 73.6

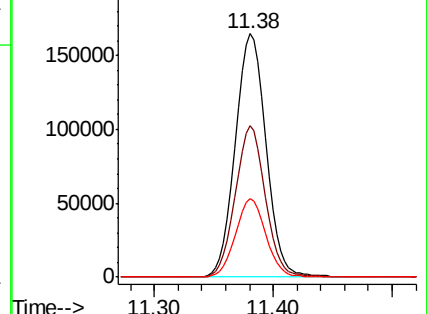
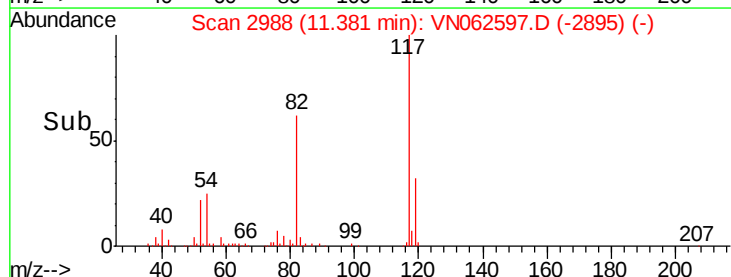
119 32.2 25.4 38.2

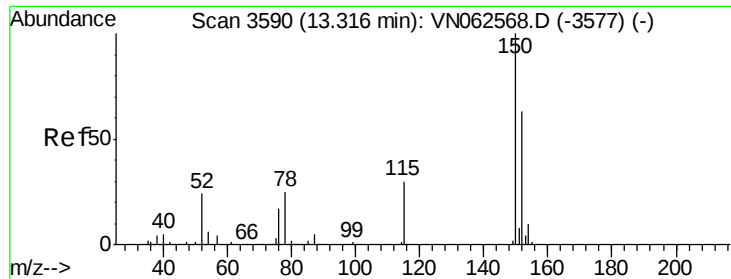


Abundance Ion 116.90 (116.60 to 117.60): VN062597.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062597.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062597.D (-2895) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062597.D

Acq: 22 Jul 2020 15:59

Instrument :

MSVOA_N

ClientSampleId :

PB130365ZHE#11

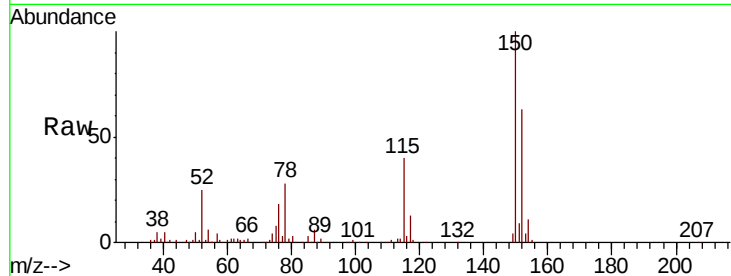
Tot Ion:152 Resp: 106584

Ion Ratio Lower Upper

152 100

115 60.9 31.8 95.4

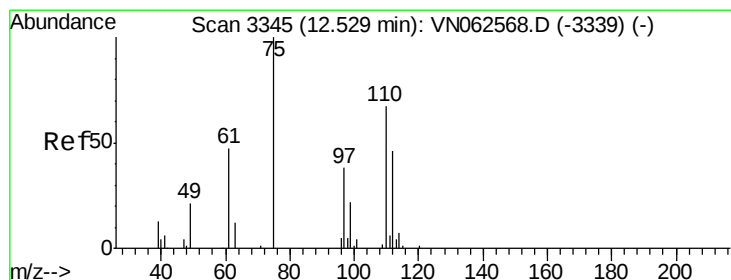
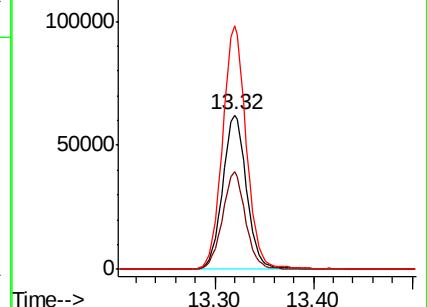
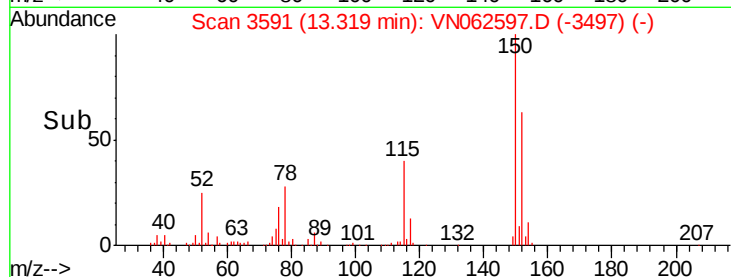
150 155.3 0.0 351.4



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: 27.027 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062597.D

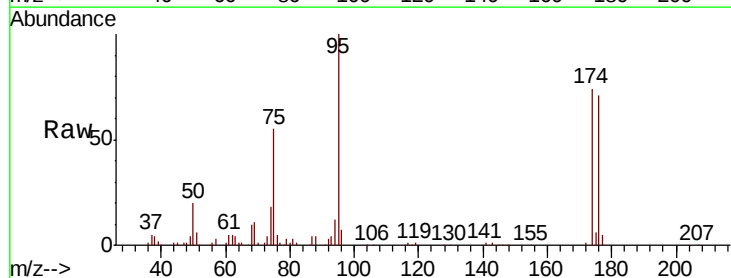
Acq: 22 Jul 2020 15:59

Tgt Ion: 75 Resp: 73323

Ion Ratio Lower Upper

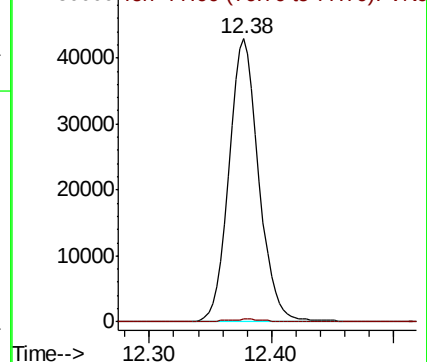
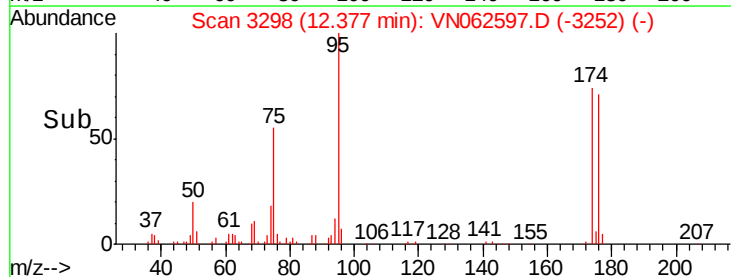
75 100

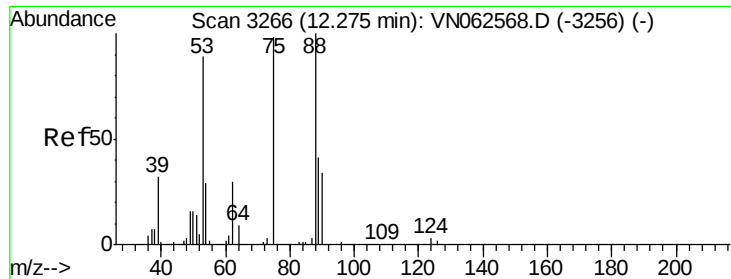
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 75.237 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062597.D

Acq: 22 Jul 2020 15:59

Instrument :

MSVOA_N

ClientSampleId :

PB130365ZHE#11

Tot Ion: 75 Resp: 73323

Ion Ratio Lower Upper

75 100

53 0.0 75.4 113.0#

89 0.0 34.5 51.7#

