

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063972.D
 Acq On : 8 Oct 2020 4:29
 Operator : JC/MD
 Sample : L4291-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Oct 08 05:11:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	231689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	434454	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	441899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	175454	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	200648	52.42	ug/l	0.00
Spiked Amount			Recovery	=	104.84%	
35) Dibromofluoromethane	7.55	113	145545	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	
50) Toluene-d8	10.06	98	551239	48.24	ug/l	0.00
Spiked Amount			Recovery	=	96.48%	
62) 4-Bromofluorobenzene	12.38	95	206973	48.18	ug/l	0.00
Spiked Amount			Recovery	=	96.36%	

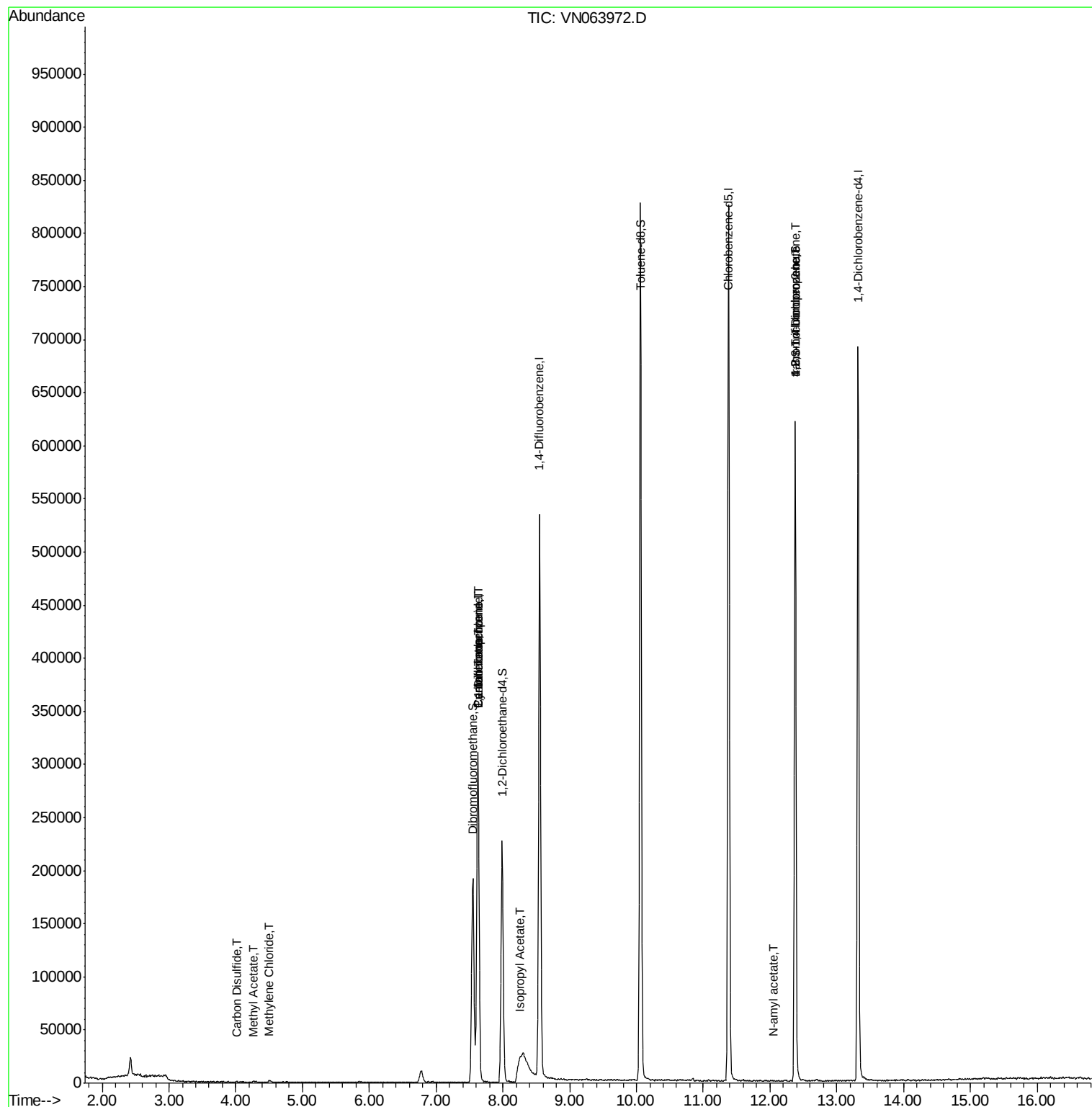
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
17) Carbon Disulfide	4.01	76	594	0.793	ug/l #	76
18) Methyl Acetate	4.27	43	756	0.247	ug/l #	62
20) Methylene Chloride	4.51	84	570	0.309	ug/l #	22
31) Cyclohexane	7.62	56	6554	1.475	ug/l #	35
36) 1,1-Dichloropropene	7.62	75	20014	4.547	ug/l #	48
38) Carbon Tetrachloride	7.63	117	25693	5.206	ug/l #	15
43) Isopropyl Acetate	8.24	43	17082	2.368	ug/l #	68
74) N-amyl acetate	12.05	43	131	2.237	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	115157	29.774	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	115157	85.754	ug/l #	6

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063972.D

Acq: 8 Oct 2020 4:29

Instrument :

MSVOA_N

ClientSampleId :

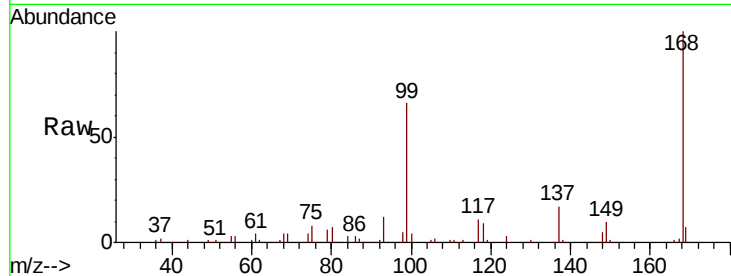
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Tot Ion:168 Resp: 231689

Ion Ratio Lower Upper

168 100

99 65.8 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

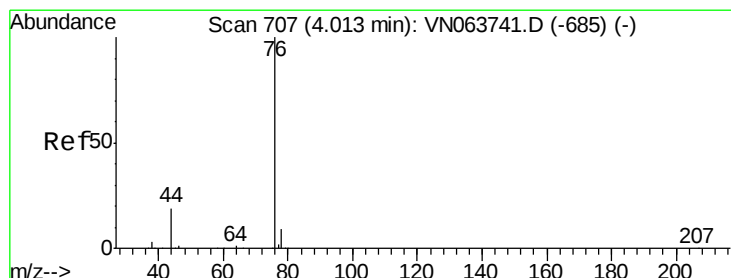
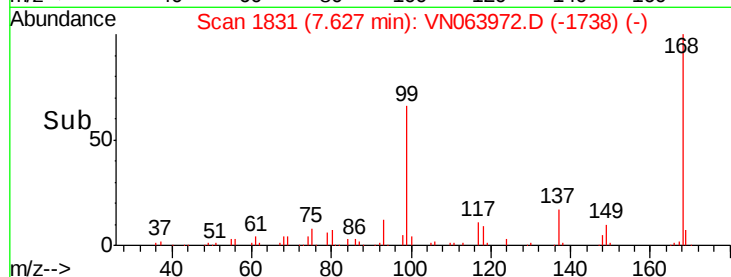
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#17

Carbon Disulfide

Concen: 0.793 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063972.D

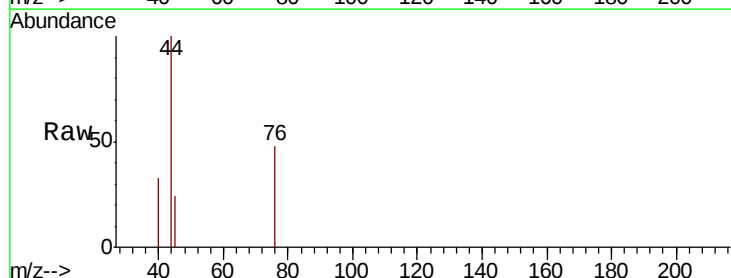
Acq: 8 Oct 2020 4:29

Tgt Ion: 76 Resp: 594

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.01

400

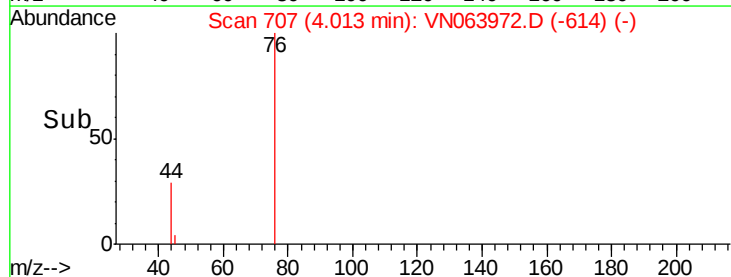
300

200

100

0

Time--> 3.98 4.00 4.02 4.04

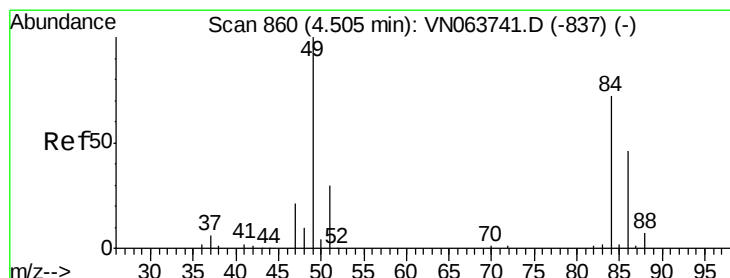
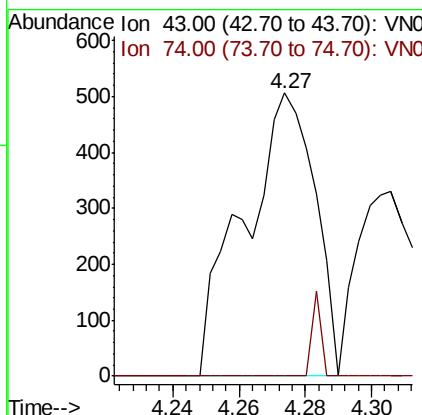
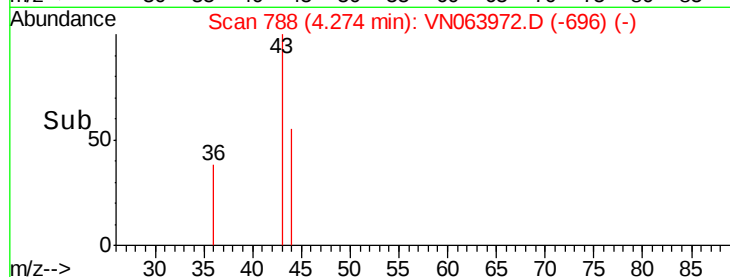
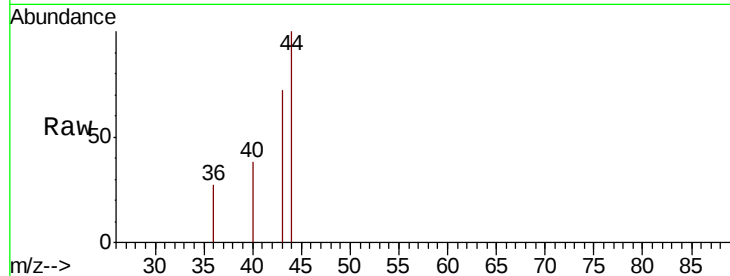




#18
Methyl Acetate
Concen: 0.247 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN063972.D
Acq: 8 Oct 2020 4:29

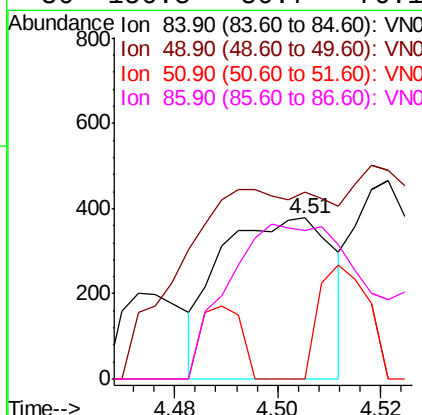
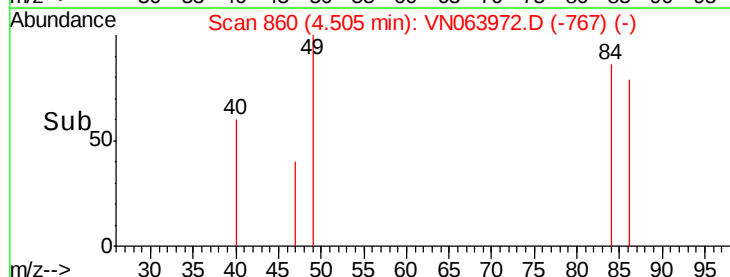
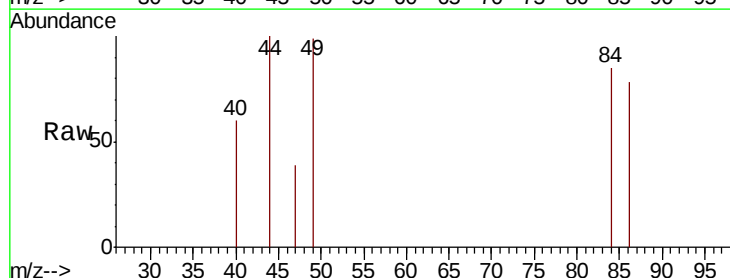
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MSVOA_N
ClientSampled :
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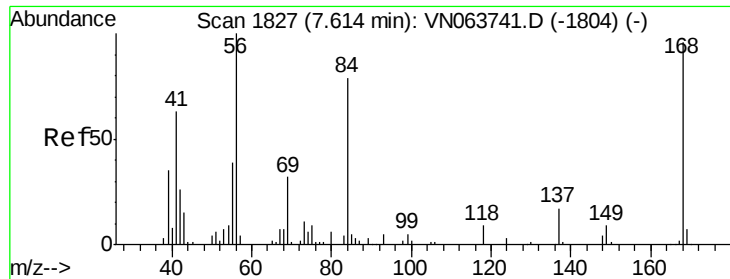
Tot Ion: 43 Resp: 756
Ion Ratio Lower Upper
43 100
74 3.8 17.4 26.2#



#20
Methylene Chloride
Concen: 0.309 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063972.D
Acq: 8 Oct 2020 4:29

Tgt Ion: 84 Resp: 570
Ion Ratio Lower Upper
84 100
49 61.7 110.4 165.6#
51 0.0 33.3 49.9#
86 156.8 50.7 76.1#

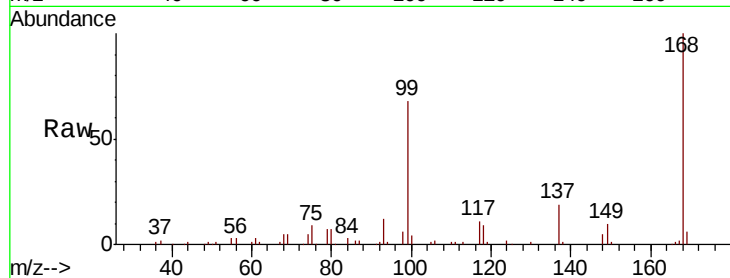




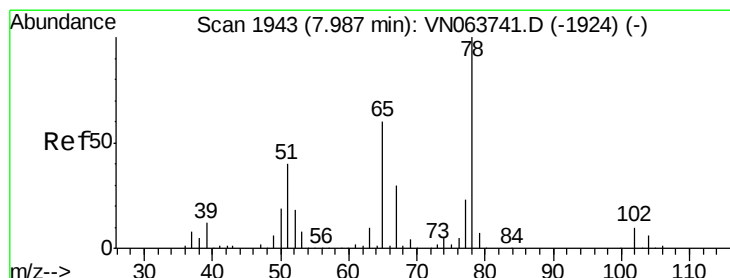
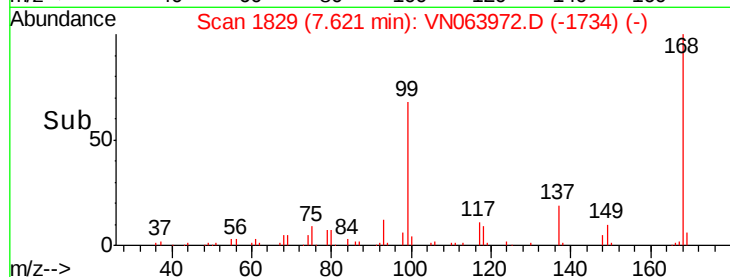
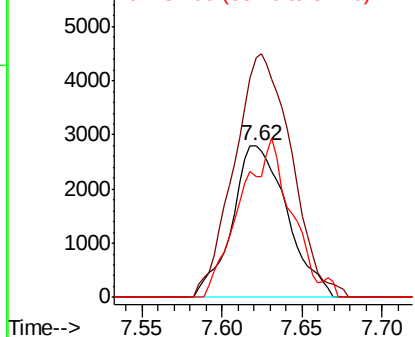
#31
Cyclohexane
Concen: 1.475 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN063972.D
Acq: 8 Oct 2020 4:29

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tot Ion: 56 Resp: 6554
Ion Ratio Lower Upper
56 100
69 158.1 25.4 38.2#
84 79.4 63.3 94.9

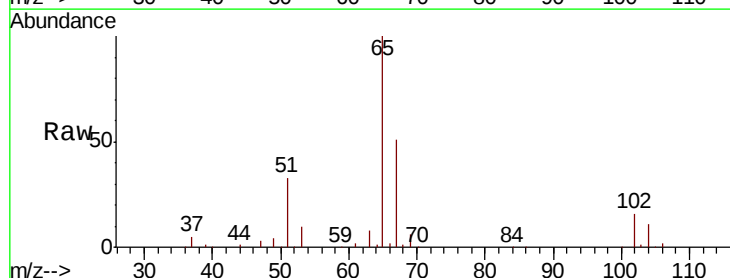


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

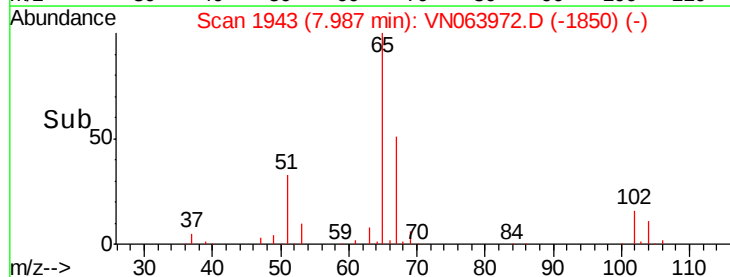
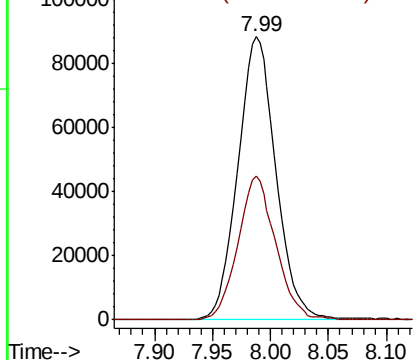


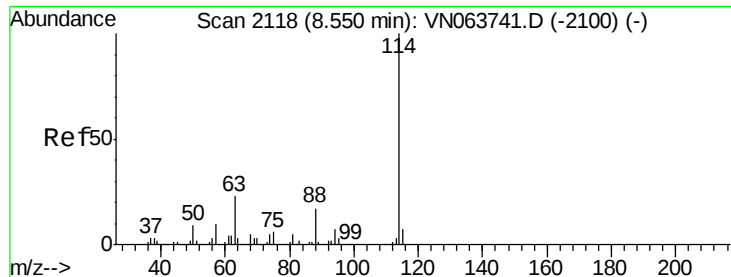
#33
1,2-Dichloroethane-d4
Concen: 52.421 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063972.D
Acq: 8 Oct 2020 4:29

Tgt Ion: 65 Resp: 200648
Ion Ratio Lower Upper
65 100
67 50.5 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

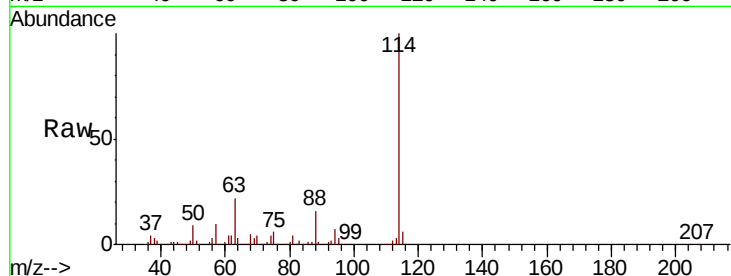




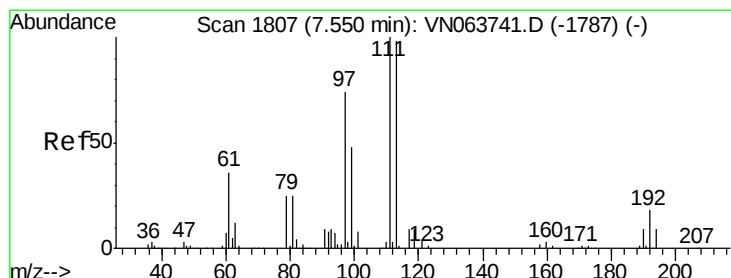
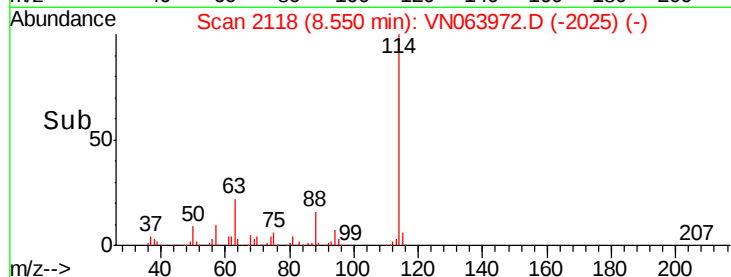
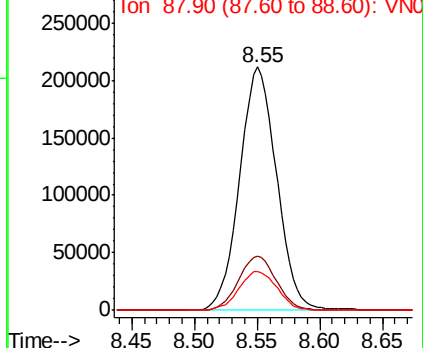
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063972.D
 Acq: 8 Oct 2020 4:29

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Tot Ion:114 Resp: 434454
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.0
 88 16.2 0.0 34.0

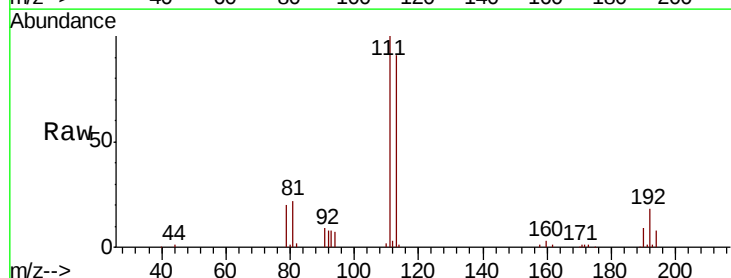


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

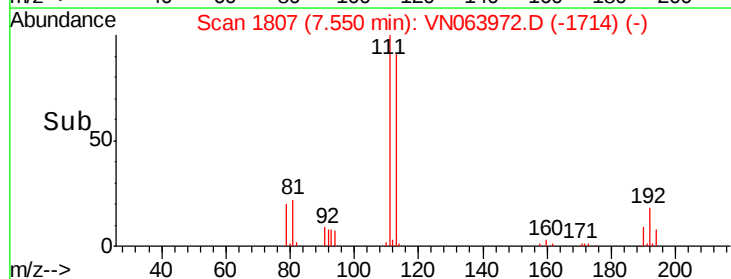
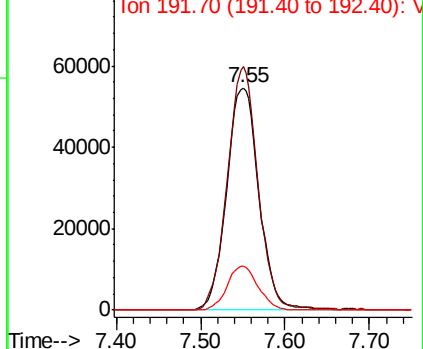


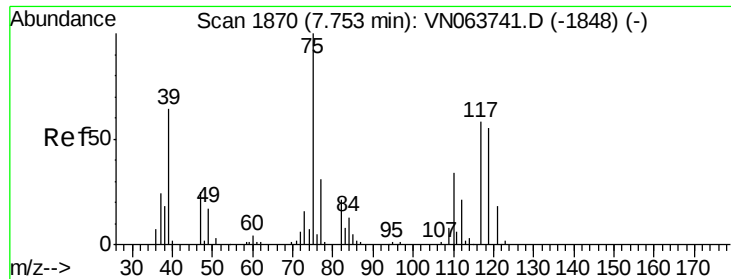
#35
 Dibromofluoromethane
 Concen: 48.280 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063972.D
 Acq: 8 Oct 2020 4:29

Tgt Ion:113 Resp: 145545
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.8 122.8
 192 19.1 14.2 21.2



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

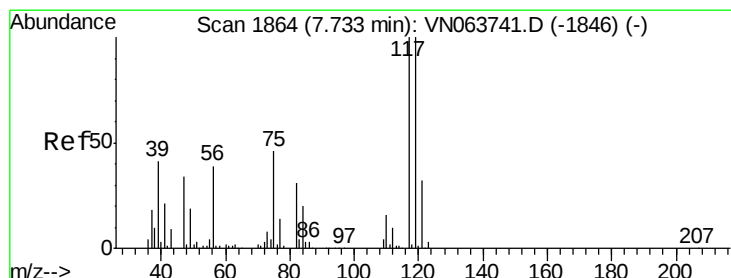
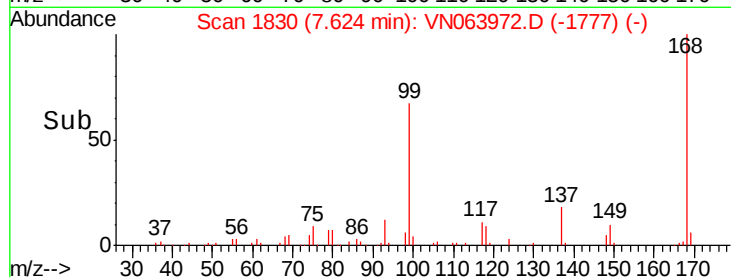
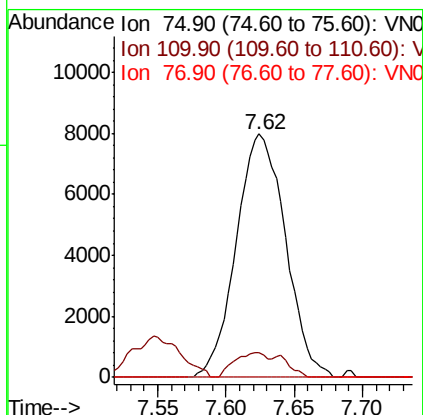
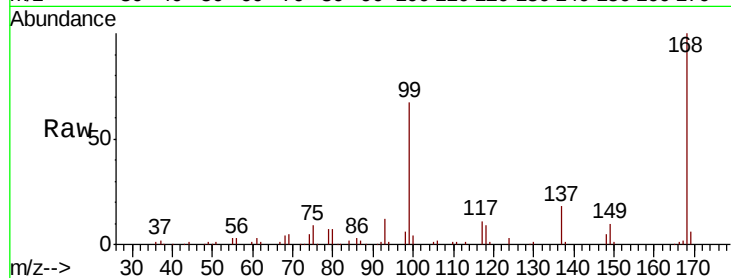




#36
 1,1-Dichloropropene
 Concen: 4.547 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN063972.D
 Acq: 8 Oct 2020 4:29

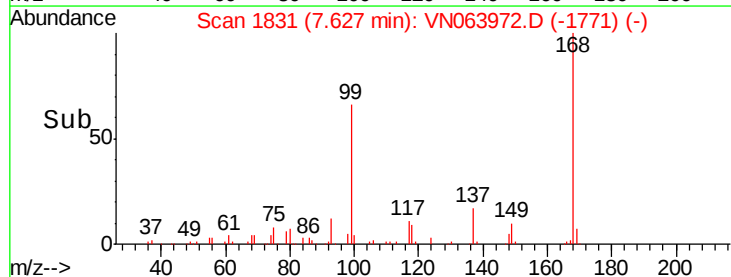
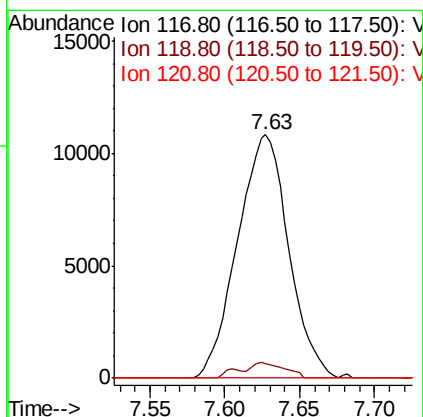
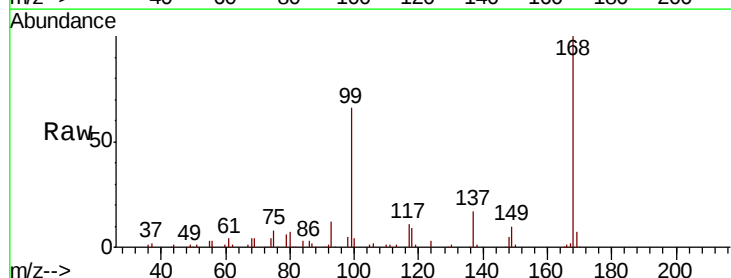
Instrument :
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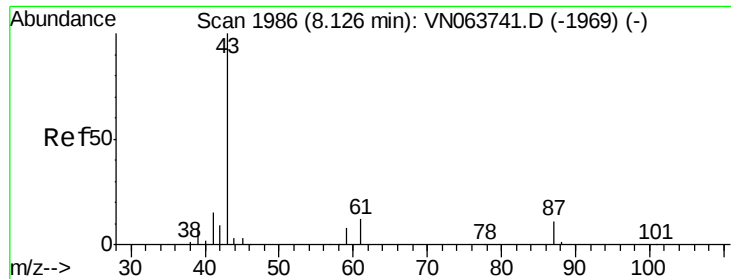
Tot Ion	Ratio	Lower	Upper
75	100		
110	6.6	16.9	50.6#
77	0.0	24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 5.206 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.11 min
 Lab File: VN063972.D
 Acq: 8 Oct 2020 4:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	80.1	120.1#
121	0.0	25.7	38.5#

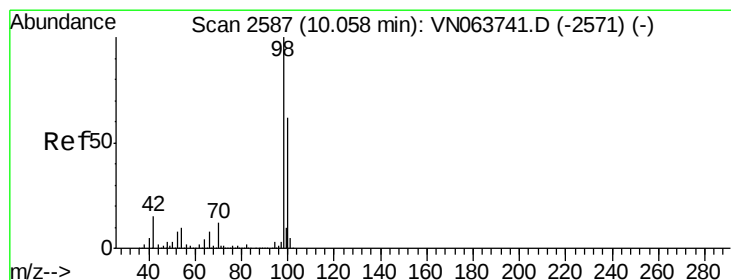
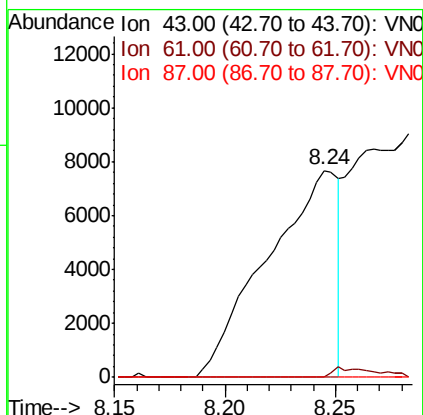
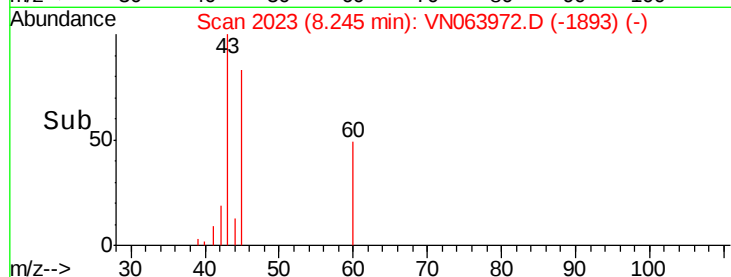
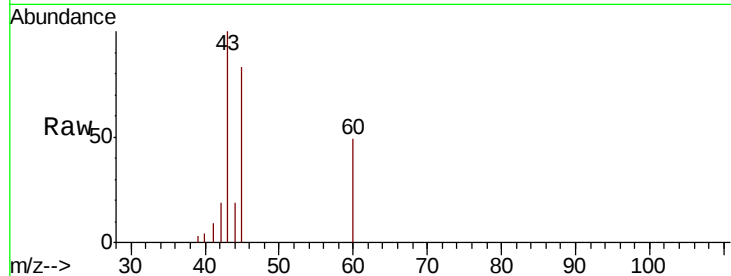




#43
Isopropyl Acetate
Concen: 2.368 ug/l
RT: 8.24 min Scan# 2023
Delta R.T. 0.12 min
Lab File: VN063972.D
Acq: 8 Oct 2020 4:29

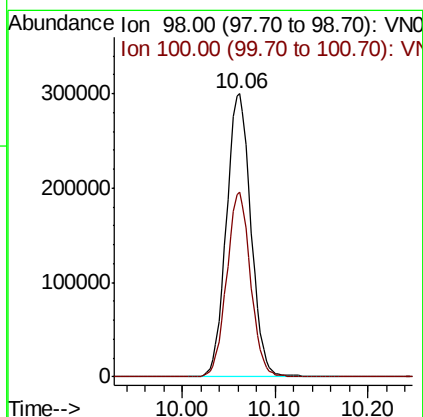
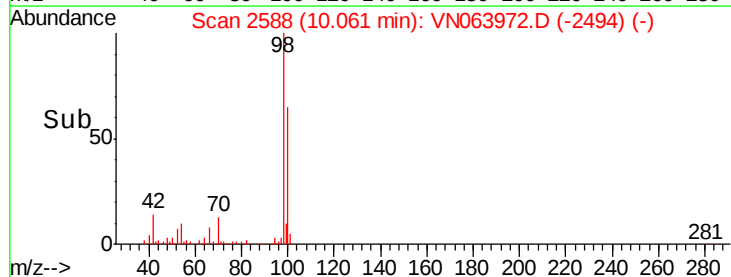
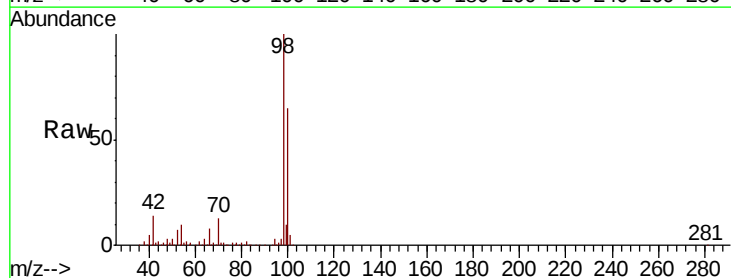
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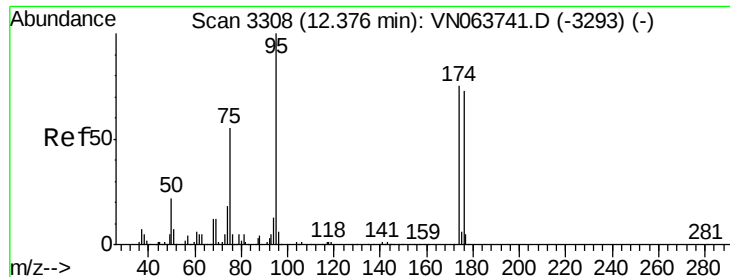
Tot Ion: 43 Resp: 17082
Ion Ratio Lower Upper
43 100
61 2.8 14.2 21.4#
87 0.0 9.0 13.6#



#50
Toluene-d8
Concen: 48.236 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063972.D
Acq: 8 Oct 2020 4:29

Tgt Ion: 98 Resp: 551239
Ion Ratio Lower Upper
98 100
100 63.2 49.8 74.6

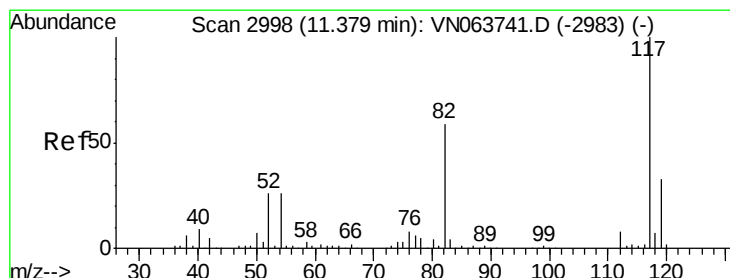
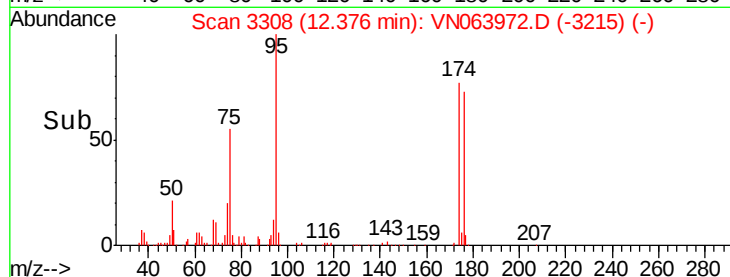
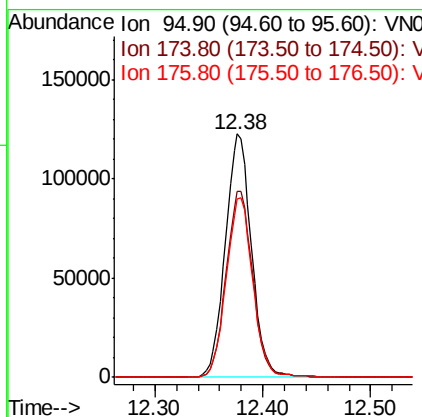
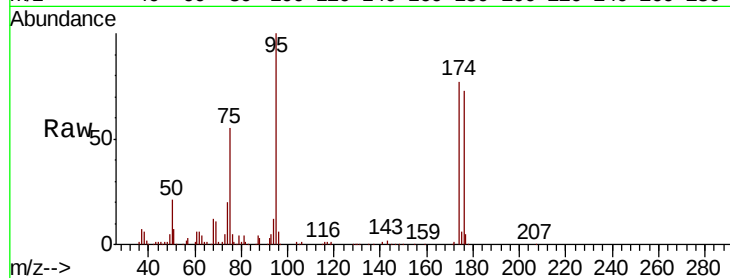




#62
4-Bromofluorobenzene
Concen: 48.180 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063972.D
Acq: 8 Oct 2020 4:29

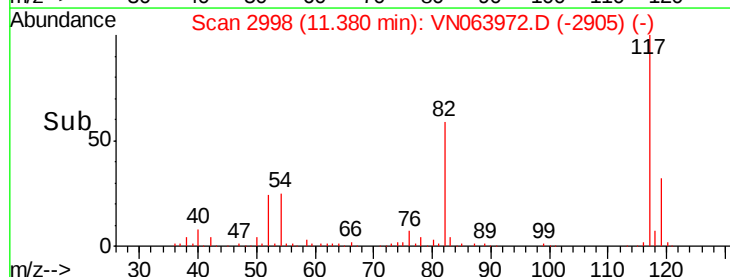
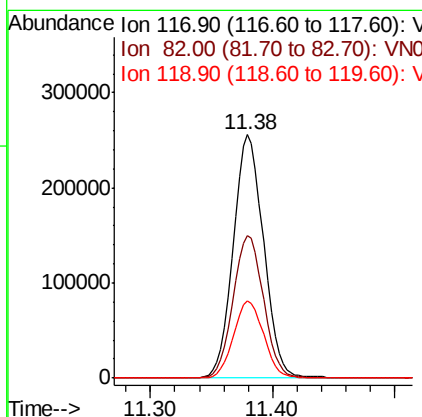
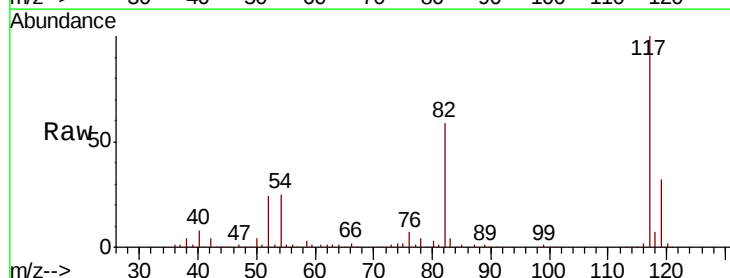
Instrument :
MSVOA_N
ClientSampleId :
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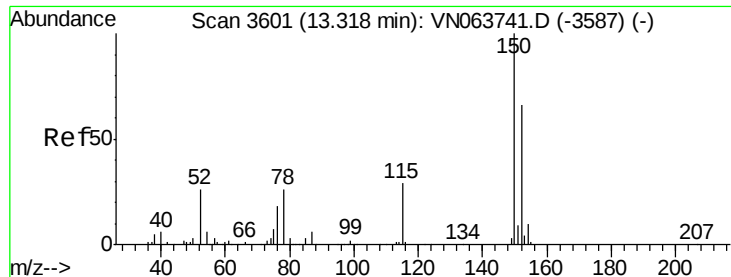
Tot Ion: 95 Resp: 206973
Ion Ratio Lower Upper
95 100
174 78.1 0.0 150.6
176 75.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063972.D
Acq: 8 Oct 2020 4:29

Tgt Ion: 117 Resp: 441899
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 31.6 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063972.D

Acq: 8 Oct 2020 4:29

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

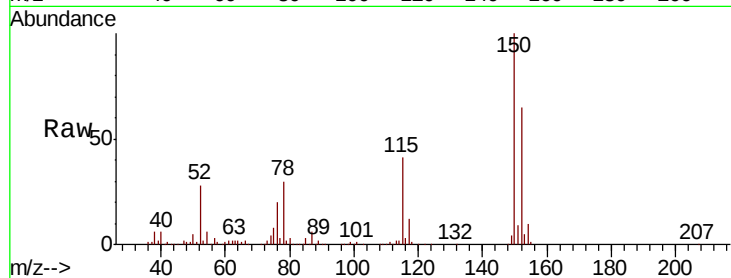
Tot Ion:152 Resp: 175454

Ion Ratio Lower Upper

152 100

115 63.4 31.3 93.8

150 158.8 0.0 341.8

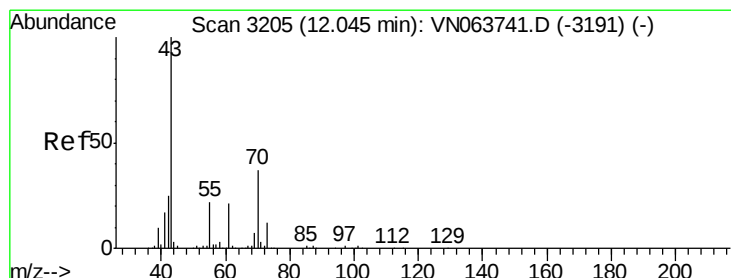
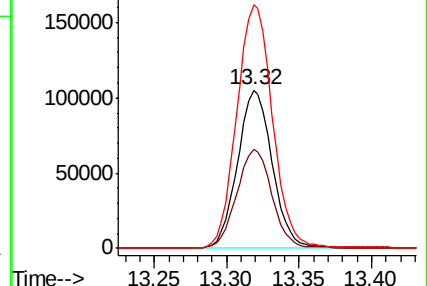
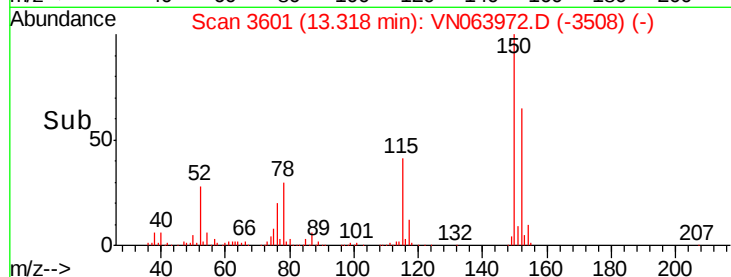


Abundance

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



#74

N-ethyl acetate

Concen: 2.237 ug/l

RT: 12.05 min Scan# 3207

Delta R.T. 0.01 min

Lab File: VN063972.D

Acq: 8 Oct 2020 4:29

Tgt Ion: 43 Resp: 131

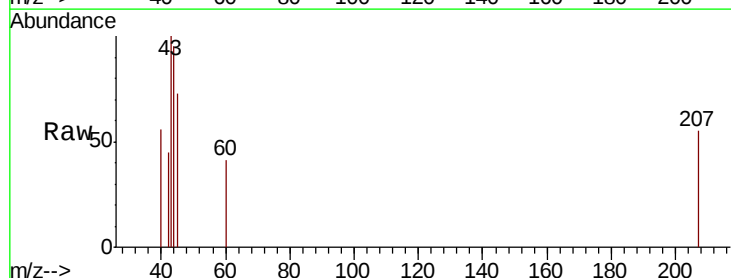
Ion Ratio Lower Upper

43 100

70 0.0 29.8 44.8#

55 0.0 17.9 26.9#

61 0.0 17.0 25.4#



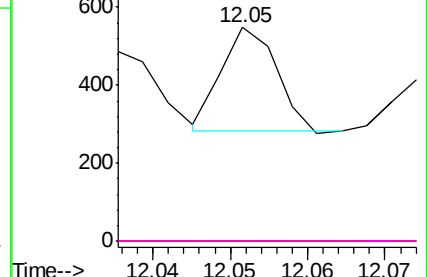
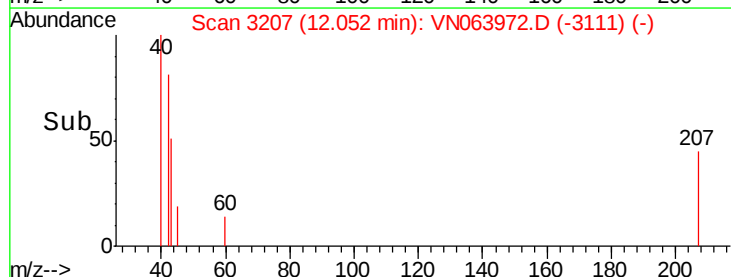
Abundance

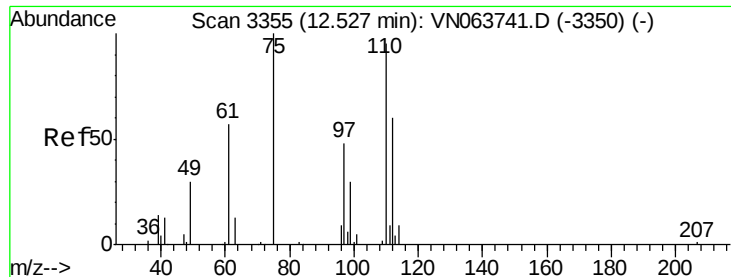
Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#76

1,2,3-Trichloropropane

Concen: 29.774 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063972.D

Acq: 8 Oct 2020 4:29

Instrument :

MSVOA_N

ClientSampleId :

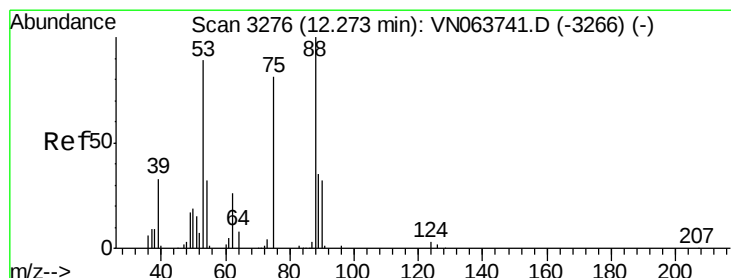
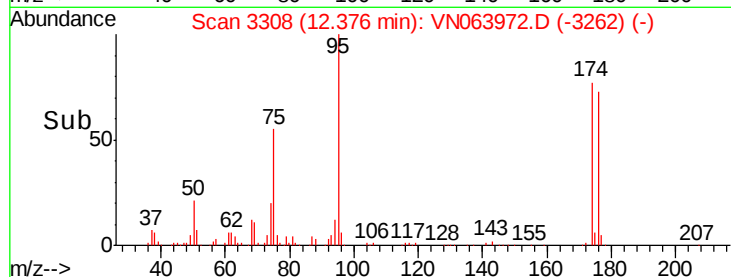
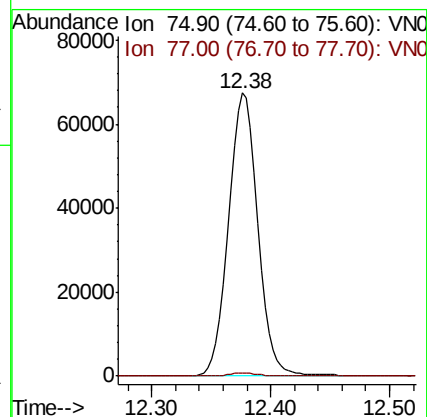
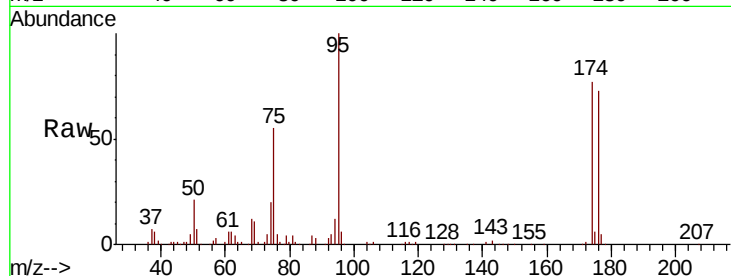
TRIP-BLANK

Tot Ion: 75 Resp: 115157

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 85.754 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063972.D

Acq: 8 Oct 2020 4:29

Tgt Ion: 75 Resp: 115157

Ion Ratio Lower Upper

75 100

53 0.1 88.2 132.2#

89 0.0 36.0 54.0#

