

Data File : VN064098.D
Acq On : 13 Oct 2020 13:38
Operator : JC/MD
Sample : VN1013WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1013WBL01

Quant Time: Oct 14 02:55:06 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	229086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	429986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	439562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	170981	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	195415	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
35) Dibromofluoromethane	7.55	113	143486	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
50) Toluene-d8	10.06	98	541756	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
62) 4-Bromofluorobenzene	12.38	95	206014	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	

Target Compounds

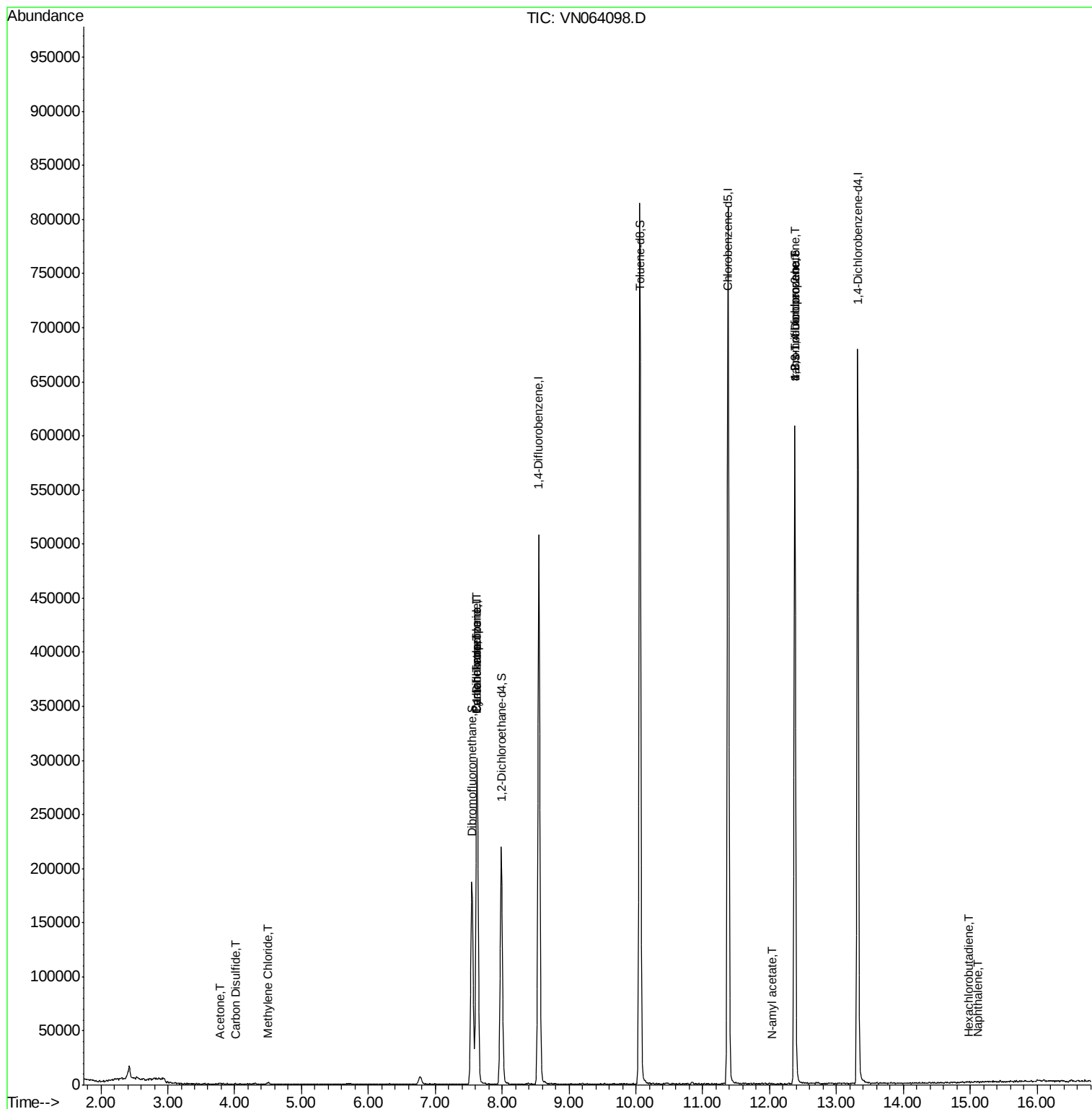
						Qvalue
16) Acetone	3.77	43	324	0.278	ug/l #	47
17) Carbon Disulfide	4.01	76	433	0.769	ug/l #	76
20) Methylene Chloride	4.51	84	420	0.255	ug/l #	31
31) Cyclohexane	7.62	56	6174	1.405	ug/l #	25
36) 1,1-Dichloropropene	7.62	75	19570	4.492	ug/l #	48
38) Carbon Tetrachloride	7.62	117	24735	5.064	ug/l #	16
74) N-amyl acetate	12.04	43	74	2.228	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	112831	29.936	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	112831	86.220	ug/l #	6
94) Hexachlorobutadiene	14.99	225	214	0.211	ug/l #	43
95) Naphthalene	15.12	128	420	1.968	ug/l #	69

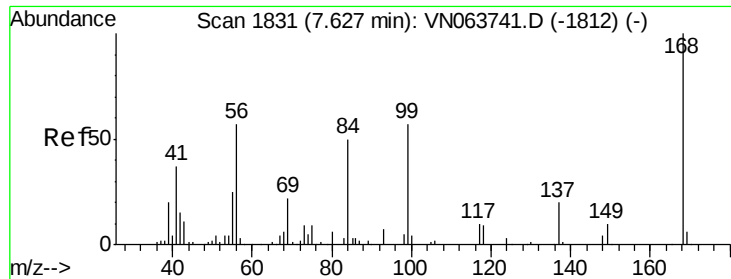
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
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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: VN064098.D

Acq: 13 Oct 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

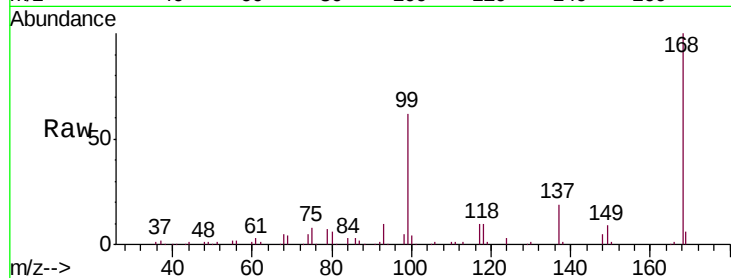
VN1013WBL01

Tgt Ion:168 Resp: 229086

Ion Ratio Lower Upper

168 100

99 61.8 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): VN063741.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN063741.D (-1812) (-)

7.63

100000

80000

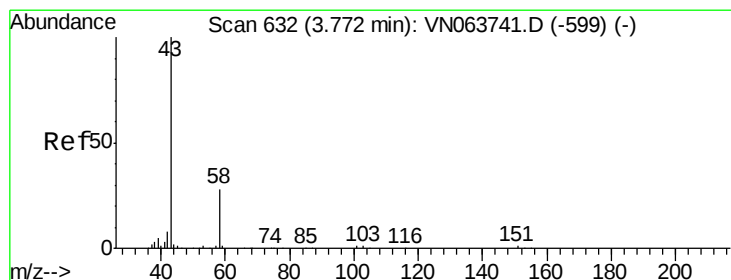
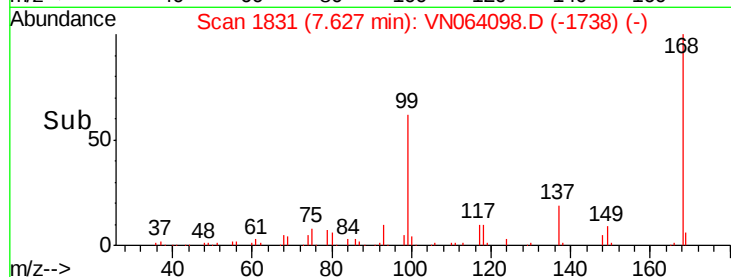
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#16

Acetone

Concen: 0.278 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN064098.D

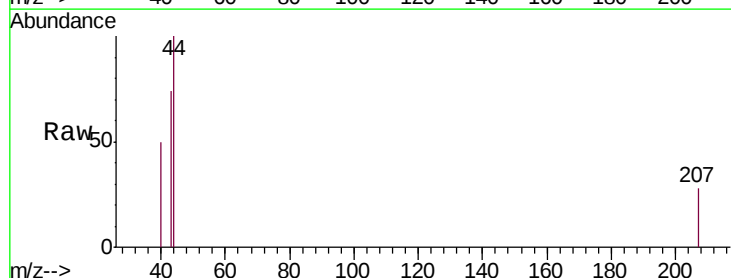
Acq: 13 Oct 2020 13:38

Tgt Ion: 43 Resp: 324

Ion Ratio Lower Upper

43 100

58 0.0 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-599) (-)

3.77

400

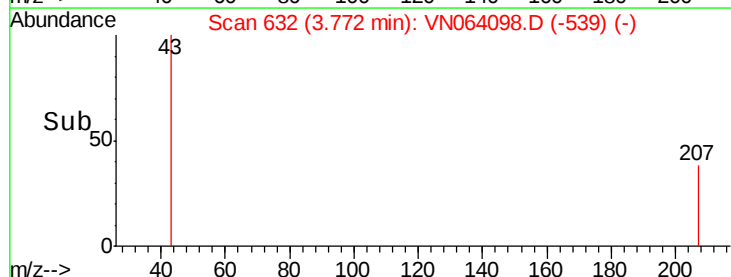
300

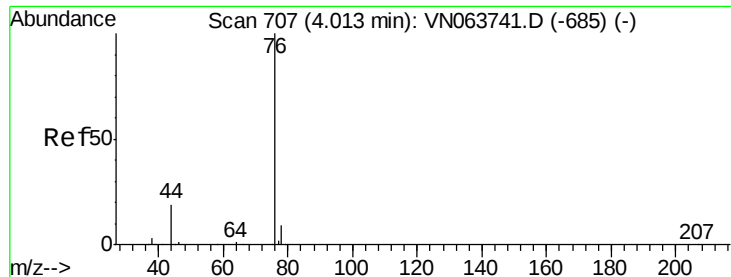
200

100

0

Time--> 3.76 3.77 3.78

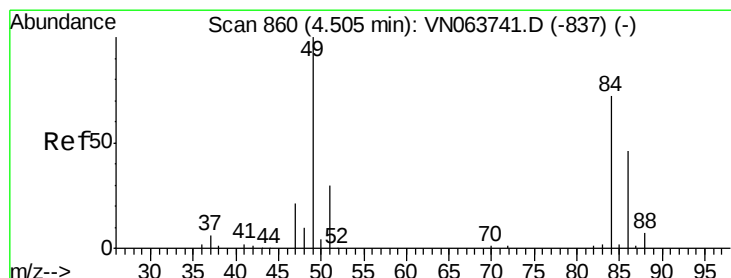
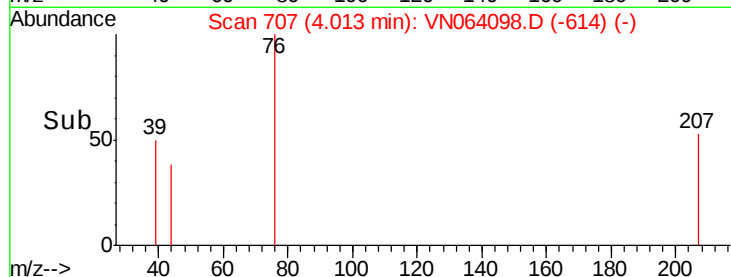
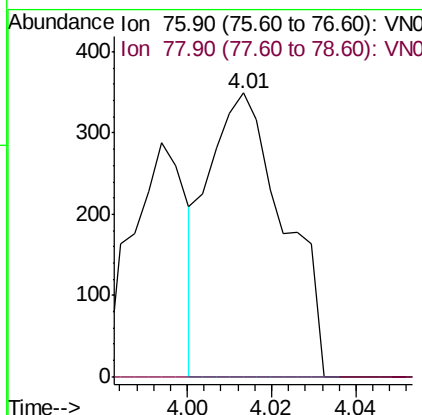
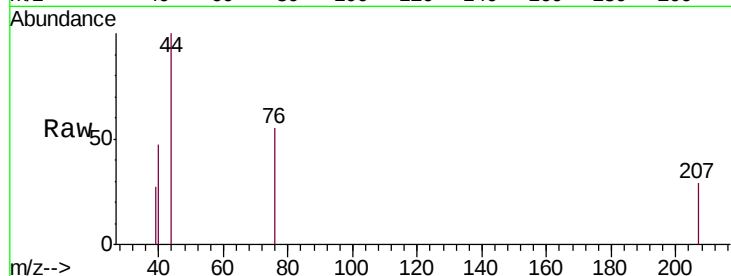




#17
Carbon Disulfide
Concen: 0.769 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN064098.D
Acq: 13 Oct 2020 13:38

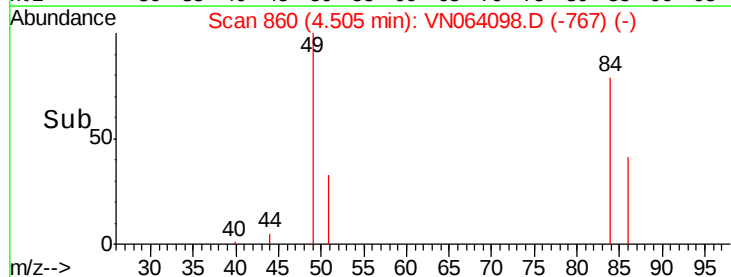
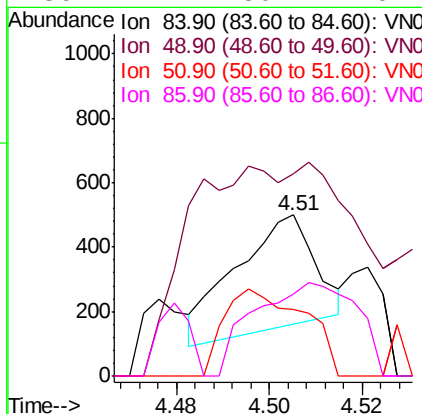
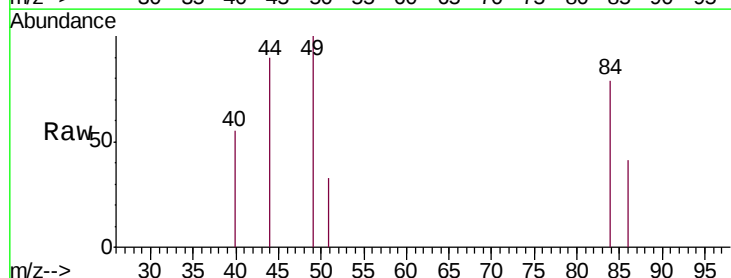
Instrument :
MSVOA_N
ClientSampled :
VN1013WBL01

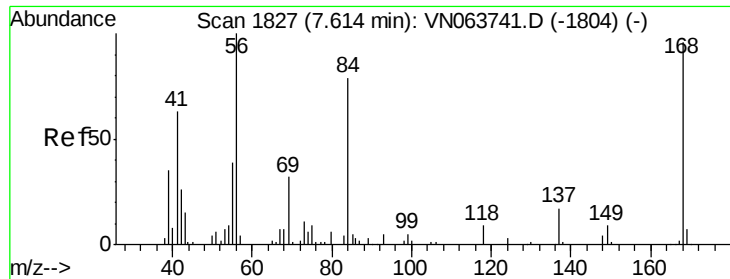
Tgt Ion: 76 Resp: 433
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#20
Methylene Chloride
Concen: 0.255 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064098.D
Acq: 13 Oct 2020 13:38

Tgt Ion: 84 Resp: 420
Ion Ratio Lower Upper
84 100
49 32.2 110.4 165.6#
51 67.4 33.3 49.9#
86 27.4 50.7 76.1#

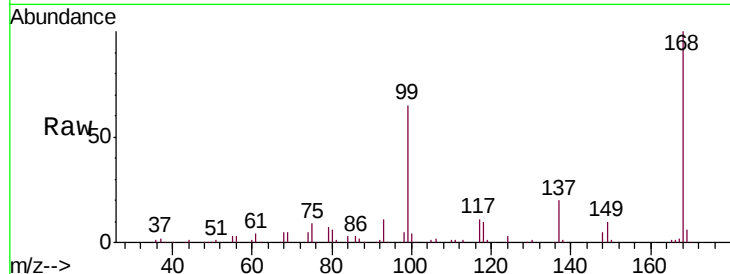




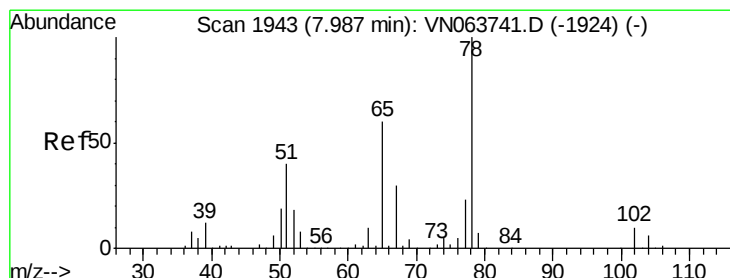
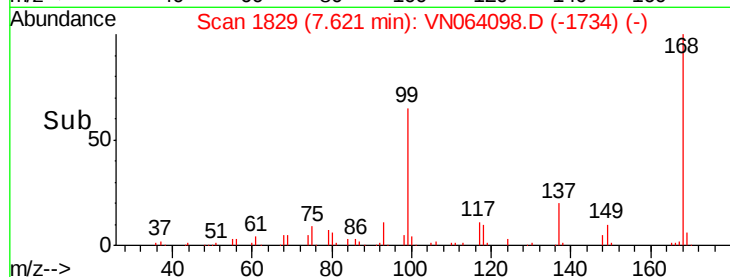
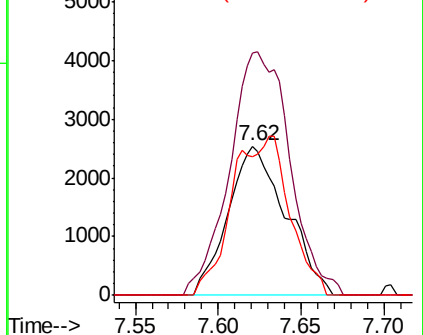
#31
Cyclohexane
Concen: 1.405 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN064098.D
Acq: 13 Oct 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN1013WBL01

Tgt Ion: 56 Resp: 6174
Ion Ratio Lower Upper
56 100
69 155.3 25.4 38.2#
84 92.8 63.3 94.9

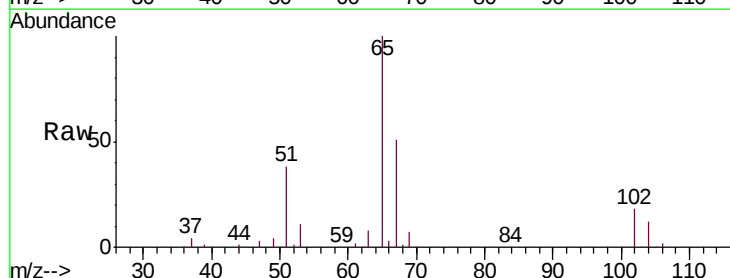


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

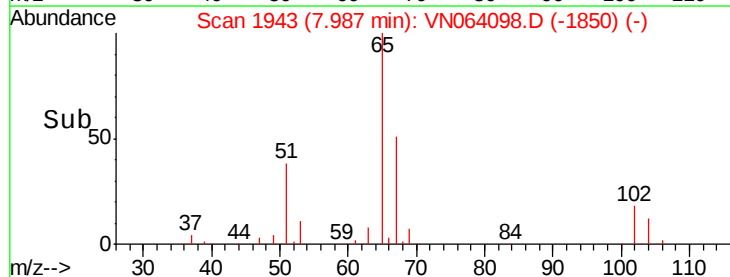
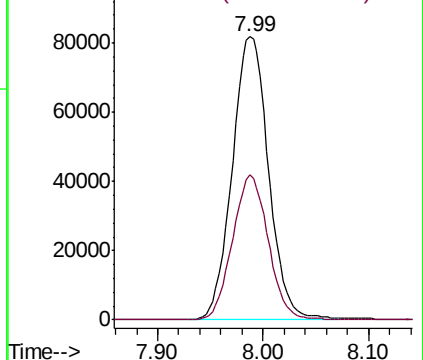


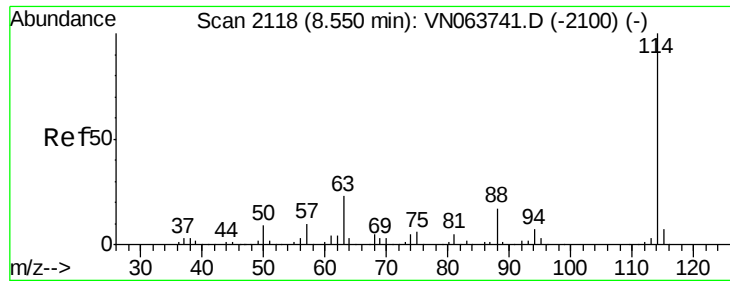
#33
1,2-Dichloroethane-d4
Concen: 51.633 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064098.D
Acq: 13 Oct 2020 13:38

Tgt Ion: 65 Resp: 195415
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

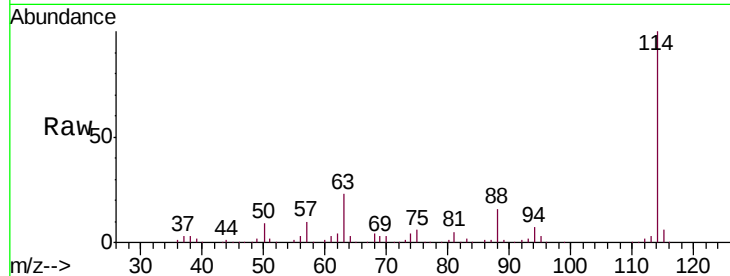




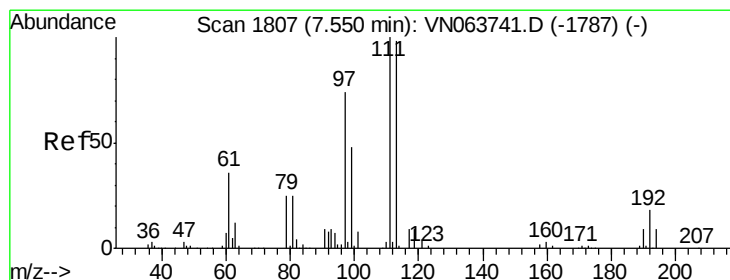
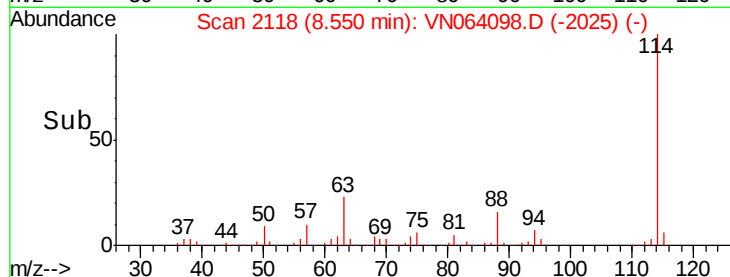
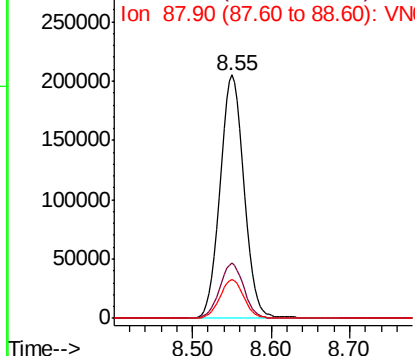
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064098.D
 Acq: 13 Oct 2020 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1013WBL01

Tgt Ion:114 Resp: 429986
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.0
 88 15.8 0.0 34.0

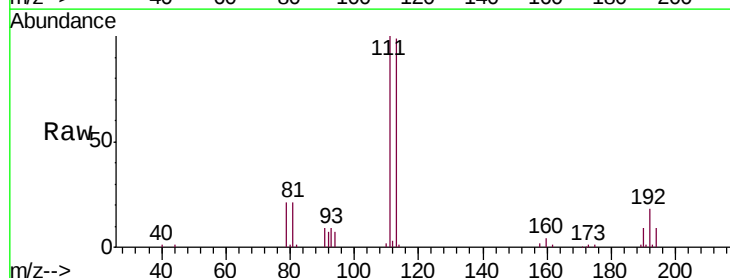


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

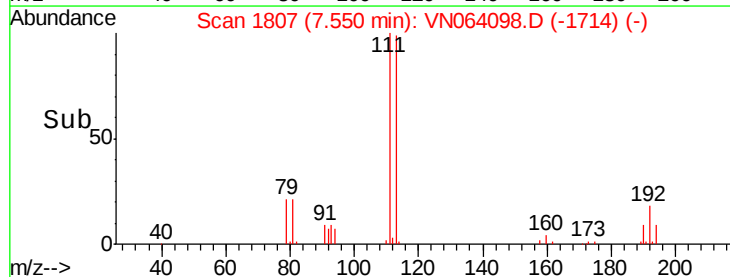
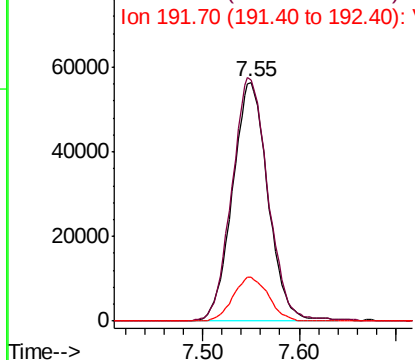


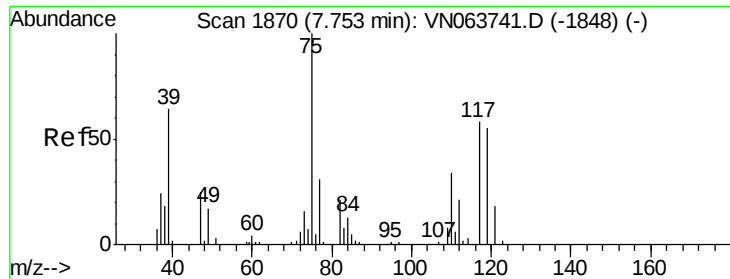
#35
 Dibromofluoromethane
 Concen: 48.092 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064098.D
 Acq: 13 Oct 2020 13:38

Tgt Ion:113 Resp: 143486
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.8 122.8
 192 18.4 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

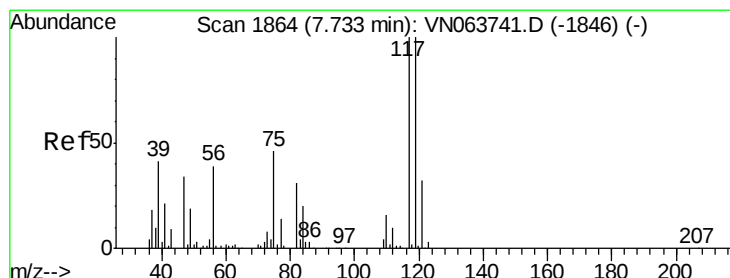
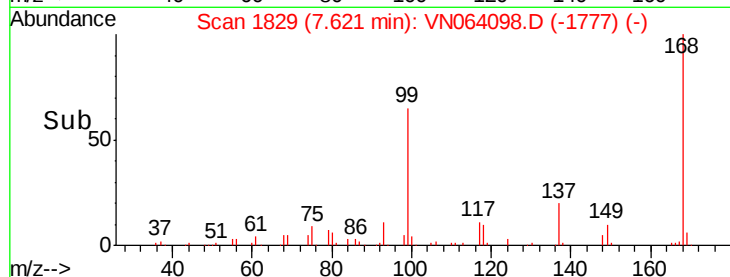
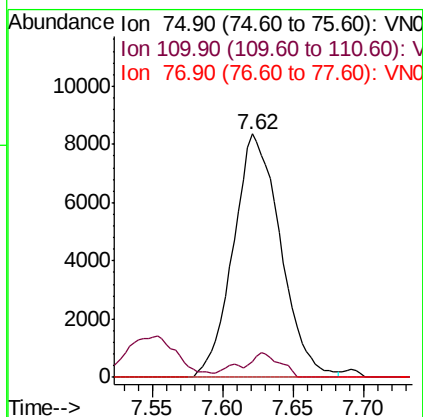
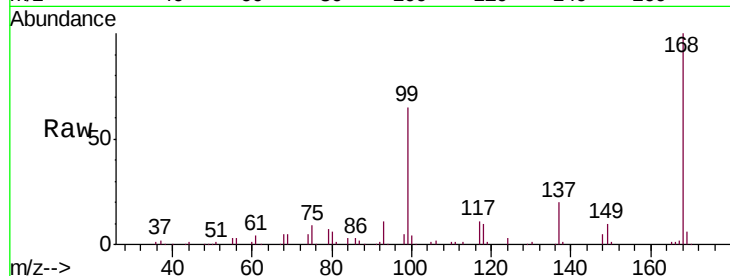




#36
 1,1-Dichloropropene
 Concen: 4.492 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. -0.13 min
 Lab File: VN064098.D
 Acq: 13 Oct 2020 13:38

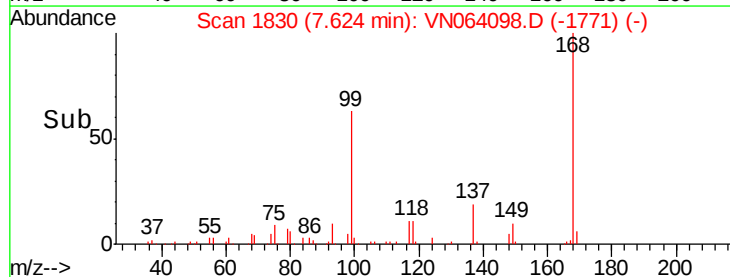
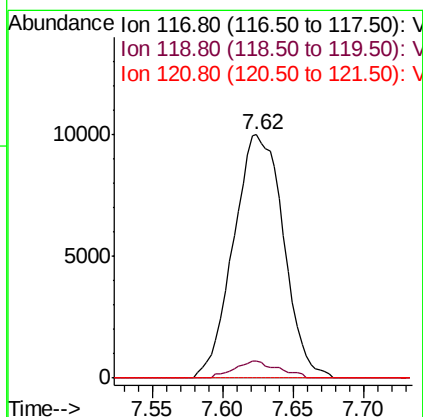
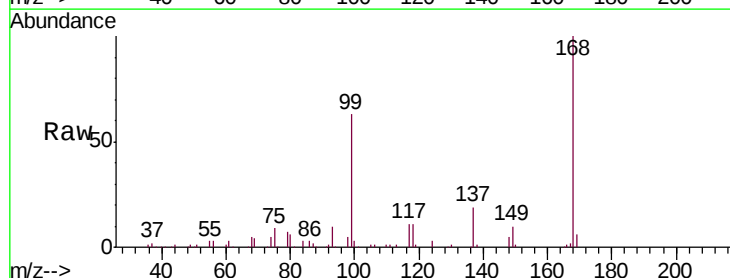
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1013WBL01

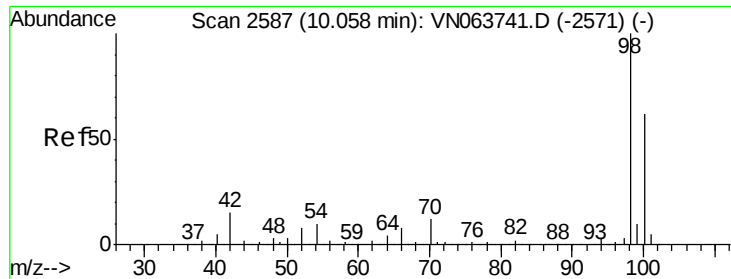
Tgt Ion: 75 Resp: 19570
 Ion Ratio Lower Upper
 75 100
 110 6.0 16.9 50.6#
 77 0.0 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 5.064 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.11 min
 Lab File: VN064098.D
 Acq: 13 Oct 2020 13:38

Tgt Ion: 117 Resp: 24735
 Ion Ratio Lower Upper
 117 100
 119 7.2 80.1 120.1#
 121 0.0 25.7 38.5#

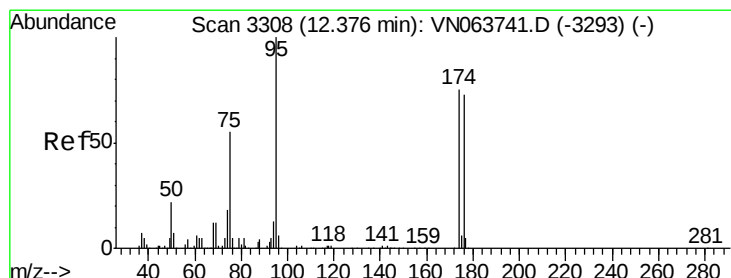
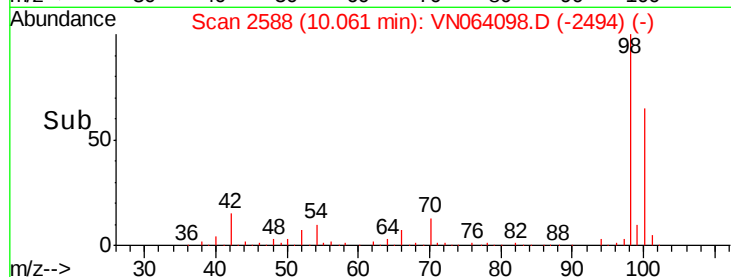
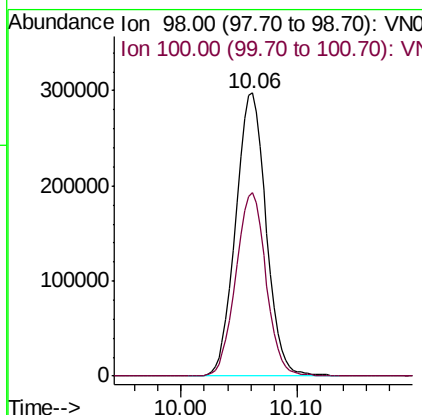
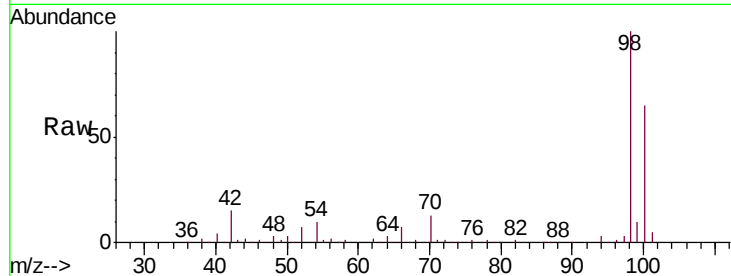




#50
Toluene-d8
Concen: 47.899 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064098.D
Acq: 13 Oct 2020 13:38

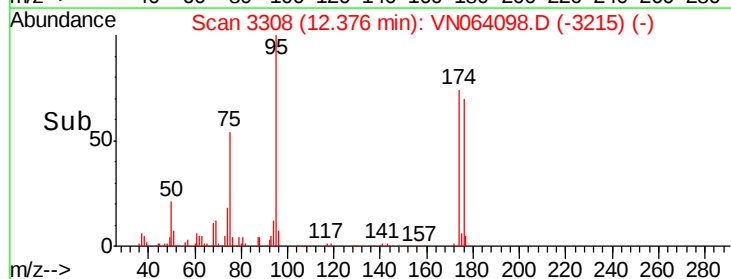
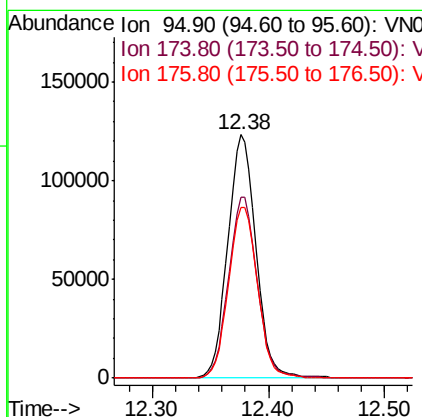
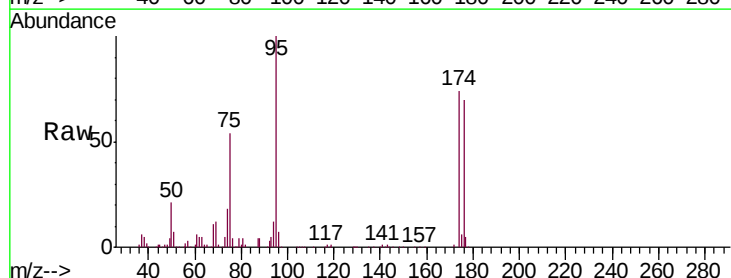
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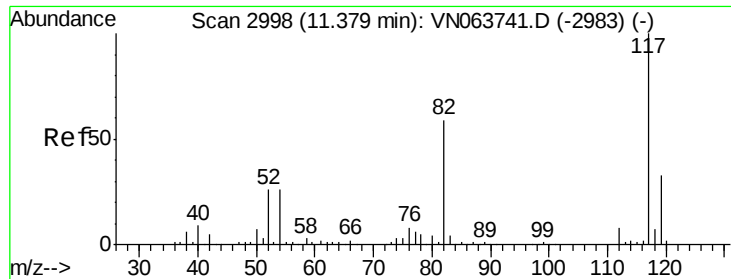
Tgt Ion: 98 Resp: 541756
Ion Ratio Lower Upper
98 100
100 64.5 49.8 74.6



#62
4-Bromofluorobenzene
Concen: 48.455 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064098.D
Acq: 13 Oct 2020 13:38

Tgt Ion: 95 Resp: 206014
Ion Ratio Lower Upper
95 100
174 75.7 0.0 150.6
176 72.4 0.0 145.4

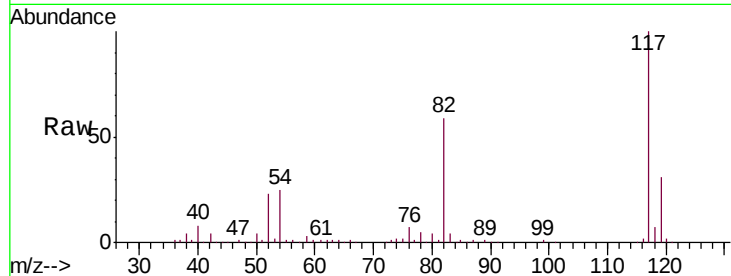




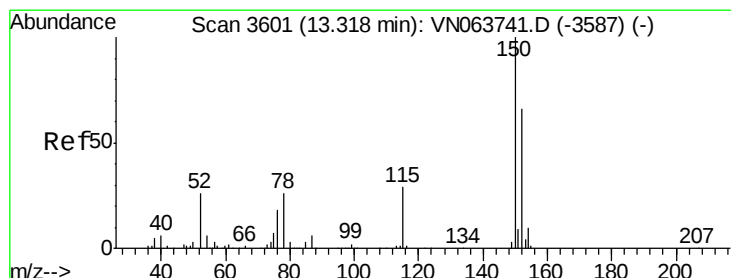
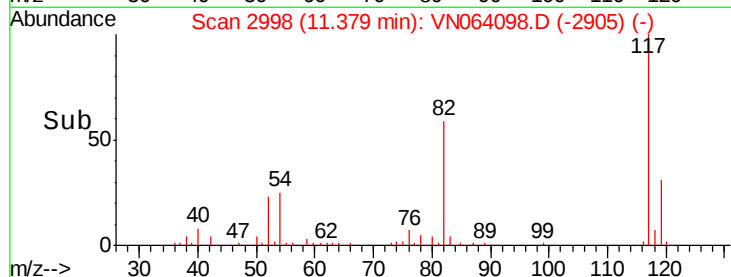
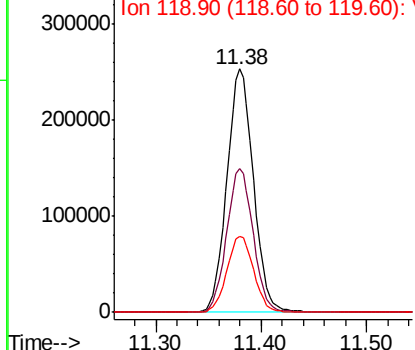
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064098.D
Acq: 13 Oct 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN1013WBL01

Tgt Ion:117 Resp: 439562
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.2
119 31.3 26.4 39.6

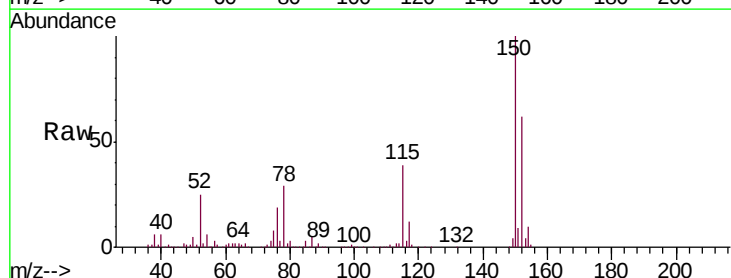


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

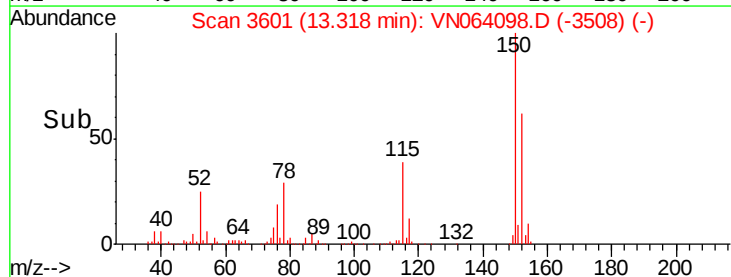
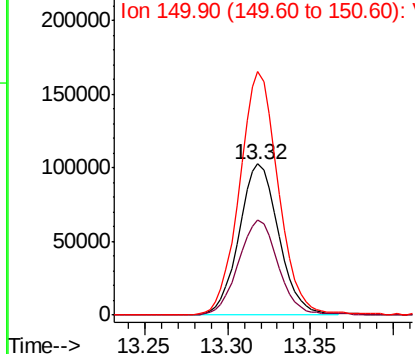


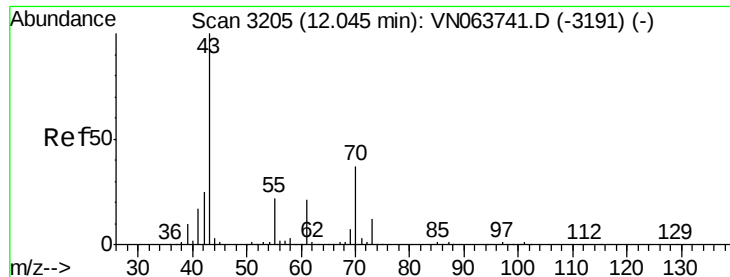
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064098.D
Acq: 13 Oct 2020 13:38

Tgt Ion:152 Resp: 170981
Ion Ratio Lower Upper
152 100
115 63.5 31.3 93.8
150 158.3 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-amyI acetate

Concen: 2.228 ug/l

RT: 12.04 min Scan# 3202

Delta R.T. -0.01 min

Lab File: VN064098.D

Acq: 13 Oct 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN1013WBL01

Tgt Ion: 43 Resp: 74

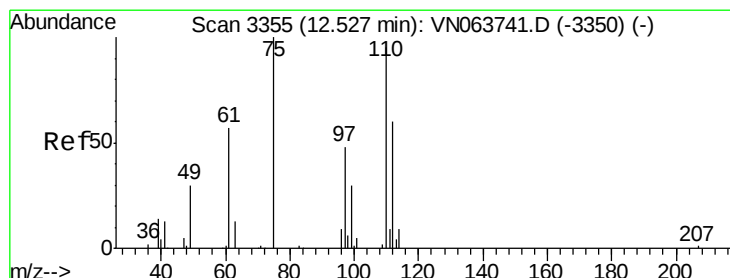
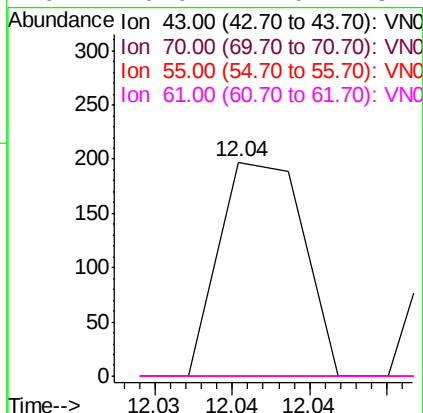
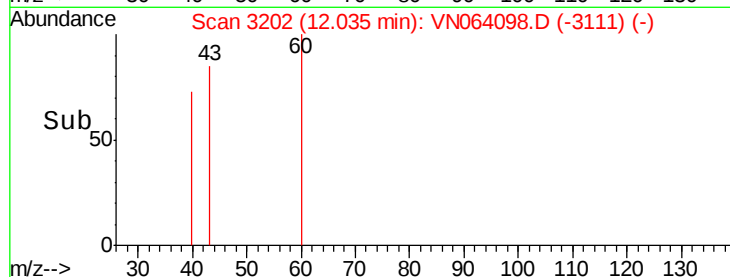
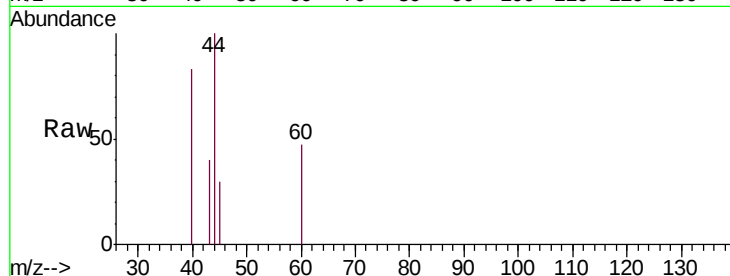
Ion Ratio Lower Upper

43 100

70 0.0 29.8 44.8#

55 0.0 17.9 26.9#

61 0.0 17.0 25.4#



#76

1,2,3-Trichloropropane

Concen: 29.936 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064098.D

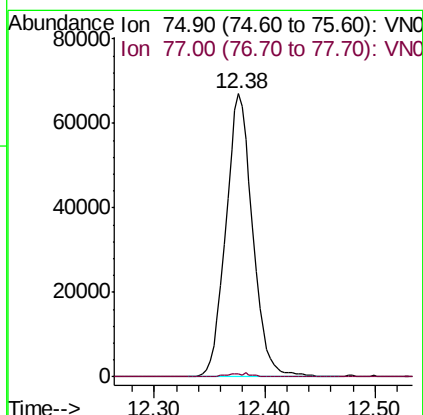
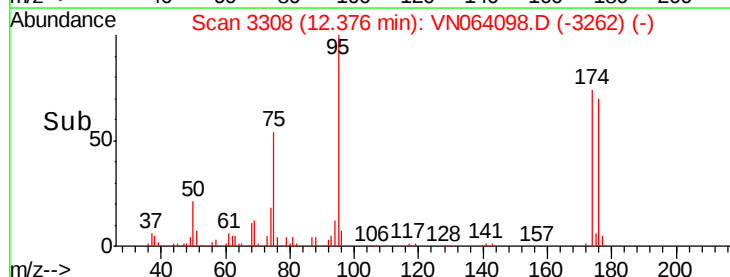
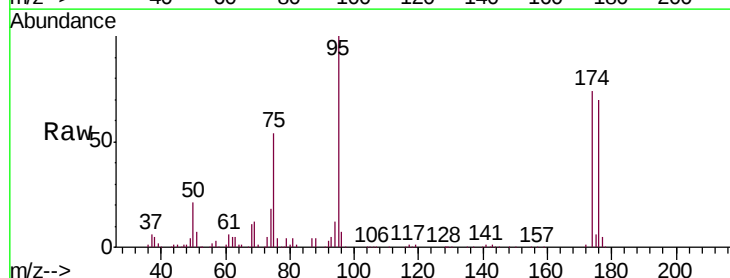
Acq: 13 Oct 2020 13:38

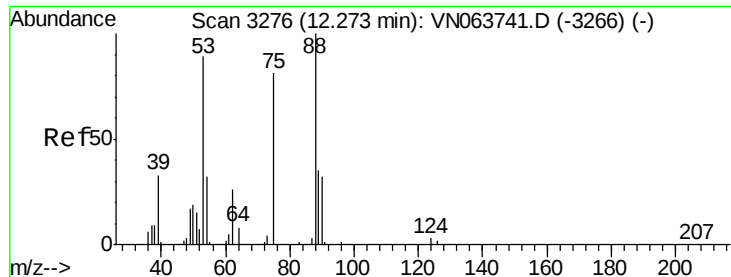
Tgt Ion: 75 Resp: 112831

Ion Ratio Lower Upper

75 100

77 0.6 0.0 0.0#

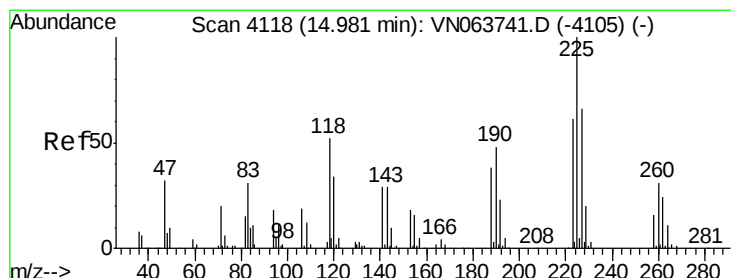
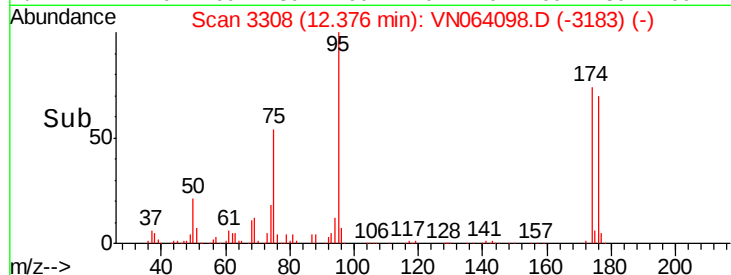
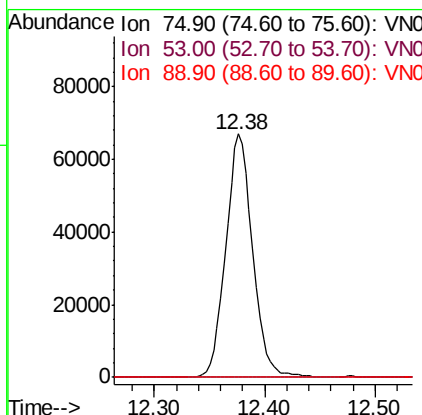
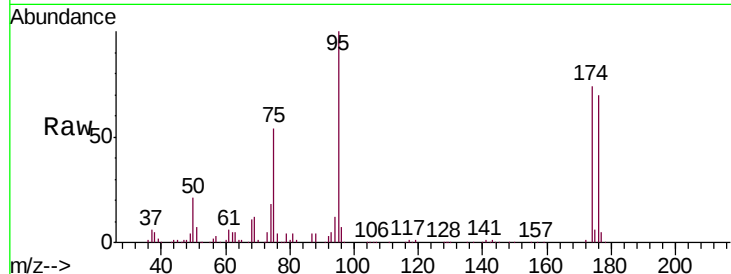




#81
trans-1,4-Dichloro-2-butene
Concen: 86.220 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN064098.D
Acq: 13 Oct 2020 13:38

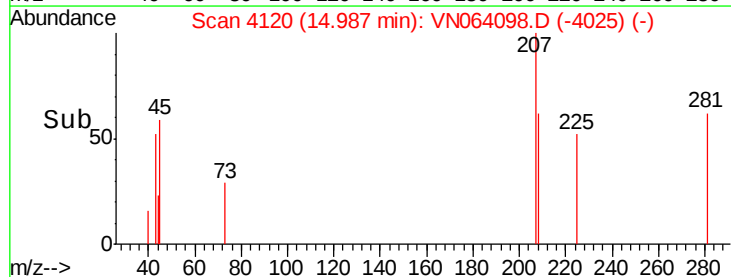
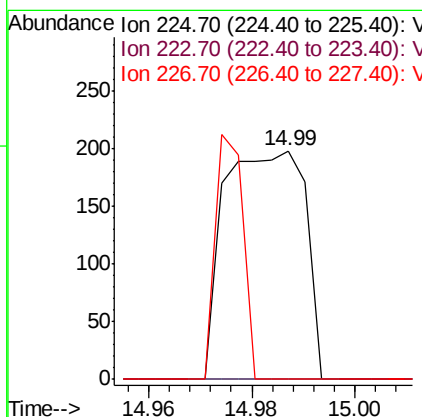
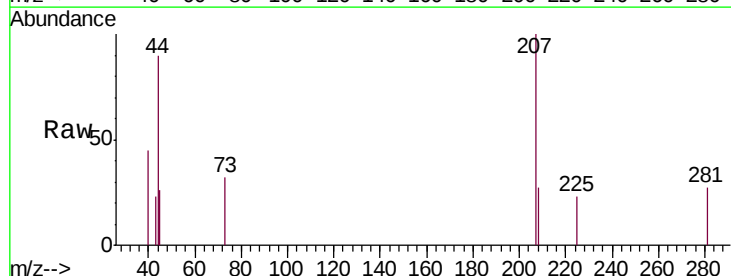
Instrument :
MSVOA_N
ClientSampleId :
VN1013WBL01

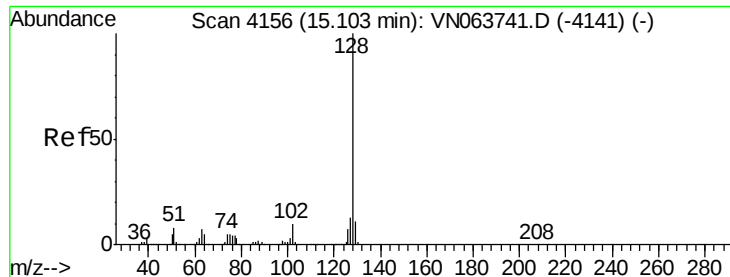
Tgt Ion: 75 Resp: 112831
Ion Ratio Lower Upper
75 100
53 0.1 88.2 132.2#
89 0.0 36.0 54.0#



#94
Hexachlorobutadiene
Concen: 0.211 ug/l
RT: 14.99 min Scan# 4120
Delta R.T. 0.01 min
Lab File: VN064098.D
Acq: 13 Oct 2020 13:38

Tgt Ion: 225 Resp: 214
Ion Ratio Lower Upper
225 100
223 0.0 30.3 91.0#
227 36.9 31.9 95.5





#95
Naphthalene
Concen: 1.968 ug/l
RT: 15.12 min Scan# 4160
Delta R.T. 0.01 min
Lab File: VN064098.D
Acq: 13 Oct 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN1013WBL01

Tgt Ion:128 Resp: 420
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

