

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102720\
 Data File : VN064324.D
 Acq On : 27 Oct 2020 14:18
 Operator : JC/MD
 Sample : VN1027WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBL01

Quant Time: Oct 28 04:27:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	223406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	401739	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	395771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	174017	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	183857	51.21	ug/l	0.00
Spiked Amount			Recovery	=	102.42%	
35) Dibromofluoromethane	7.55	113	135199	50.46	ug/l	0.00
Spiked Amount			Recovery	=	100.92%	
50) Toluene-d8	10.06	98	501384	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.38	95	217475	56.29	ug/l	0.00
Spiked Amount			Recovery	=	112.58%	

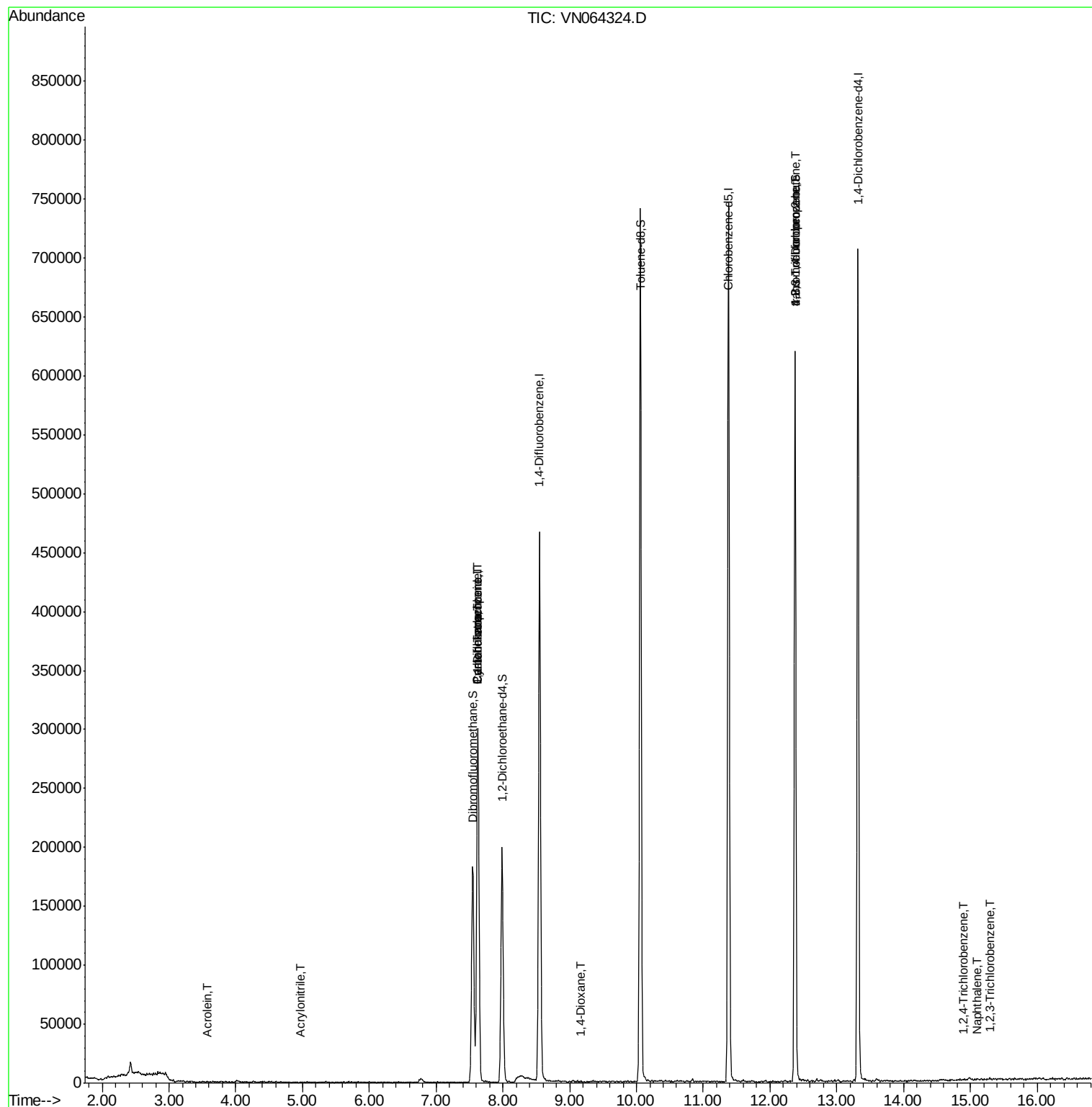
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.58	56	93	18.444	ug/l #	10
15) Acrylonitrile	4.96	53	234	0.209	ug/l #	31
16) Acetone	3.76	43	364	Below Cal	#	47
31) Cyclohexane	7.63	56	6863	1.647	ug/l #	38
36) 1,1-Dichloropropene	7.63	75	20564	5.072	ug/l #	52
38) Carbon Tetrachloride	7.63	117	26267	5.588	ug/l #	17
49) 1,4-Dioxane	9.17	88	72	1.352	ug/l #	1
76) 1,2,3-Trichloropropane	12.37	75	121094	29.059	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	121094	83.704	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.88	180	162	2.067	ug/l #	1
95) Naphthalene	15.10	128	795	2.469	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.30	180	506	2.339	ug/l	89

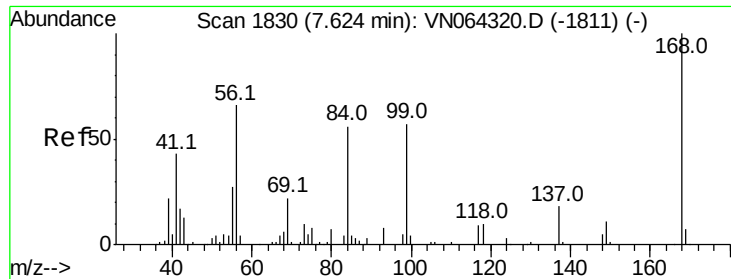
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102720\
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Quant Time: Oct 28 04:27:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
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: VN064324.D

Acq: 27 Oct 2020 14:18

Instrument :

MSVOA_N

ClientSampled :

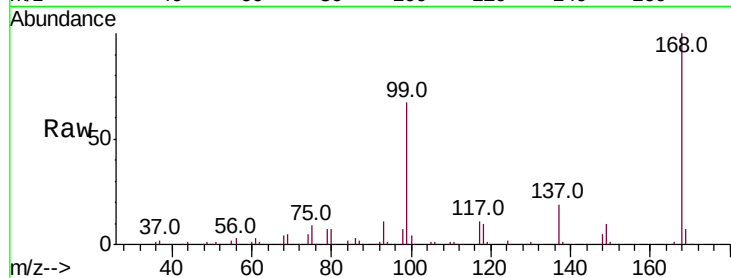
VN1027WBL01

Tot Ion:168 Resp: 223406

Ion Ratio Lower Upper

168 100

99 67.3 52.7 79.1

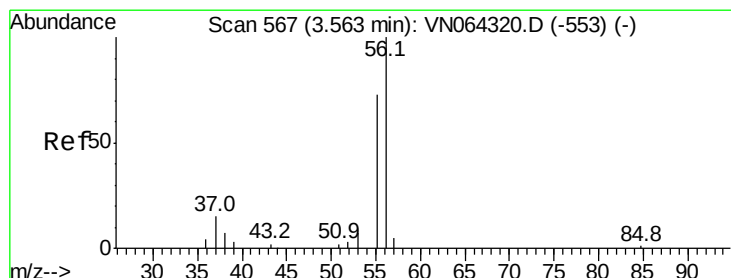
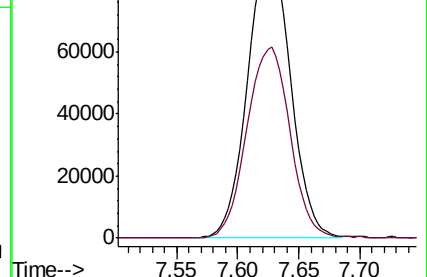
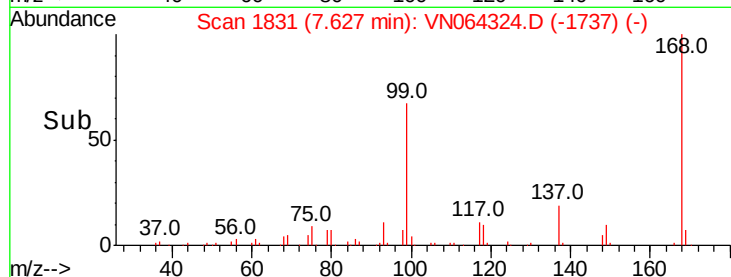


Abundance Ion 167.90 (167.60 to 168.60): VN064324.D (-1737) (-)

Ion 98.90 (98.60 to 99.60): VN064324.D (-1737) (-)

7.63

Time-->



#13

Acrolein

Concen: 18.444 ug/l

RT: 3.58 min Scan# 572

Delta R.T. 0.02 min

Lab File: VN064324.D

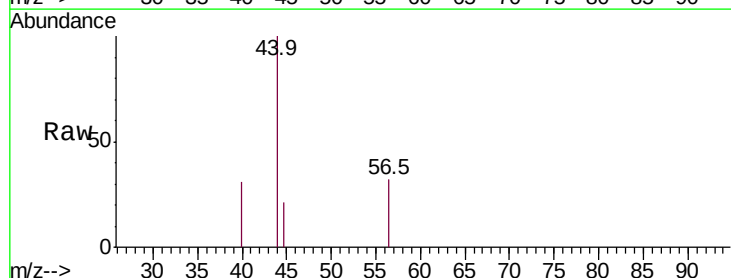
Acq: 27 Oct 2020 14:18

Tgt Ion: 56 Resp: 93

Ion Ratio Lower Upper

56 100

55 0.0 62.6 94.0#

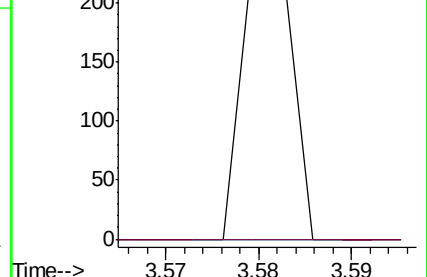
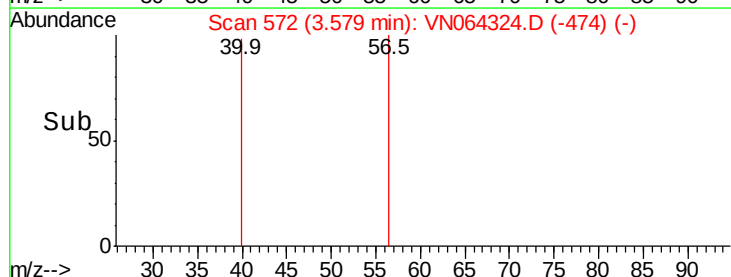


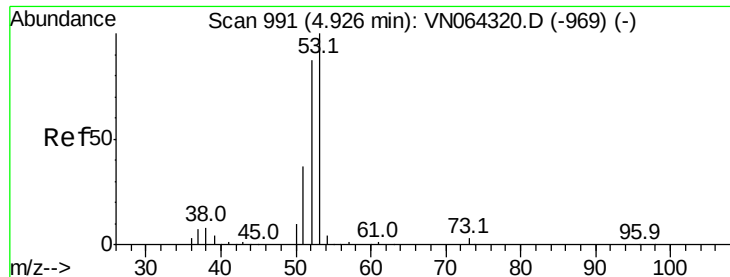
Abundance Ion 56.00 (55.70 to 56.70): VN064324.D (-474) (-)

Ion 55.00 (54.70 to 55.70): VN064324.D (-474) (-)

3.58

Time-->





#15

Acrylonitrile

Concen: 0.209 ug/l

RT: 4.96 min Scan# 1001

Delta R.T. 0.03 min

Lab File: VN064324.D

Acq: 27 Oct 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBL01

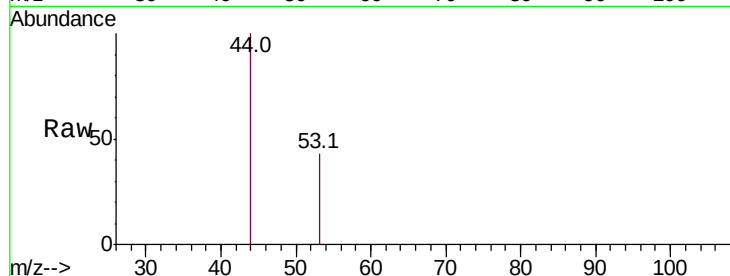
Tot Ion: 53 Resp: 234

Ion Ratio Lower Upper

53 100

52 0.0 65.9 98.9#

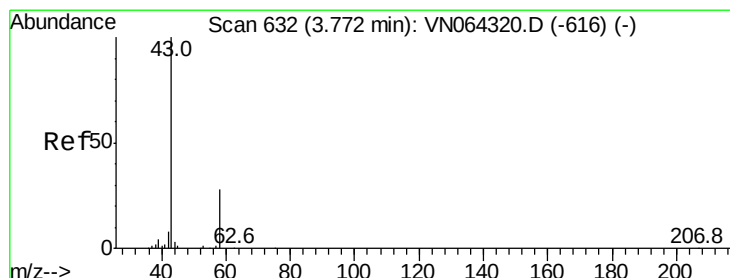
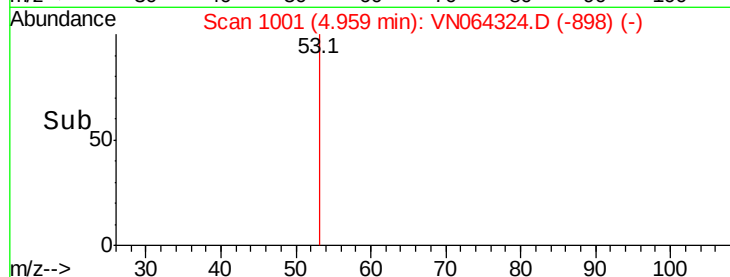
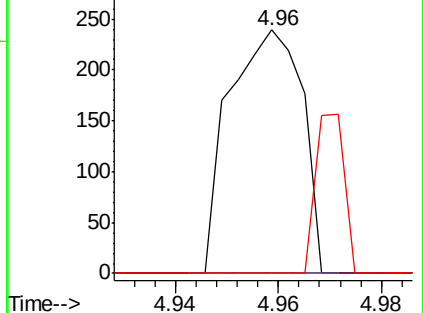
51 25.6 30.4 45.6#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: Below Cal

RT: 3.76 min Scan# 629

Delta R.T. -0.01 min

Lab File: VN064324.D

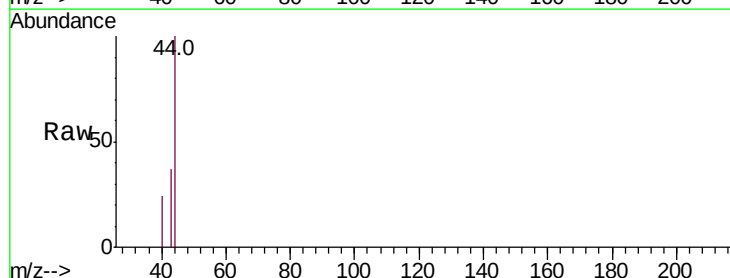
Acq: 27 Oct 2020 14:18

Tgt Ion: 43 Resp: 364

Ion Ratio Lower Upper

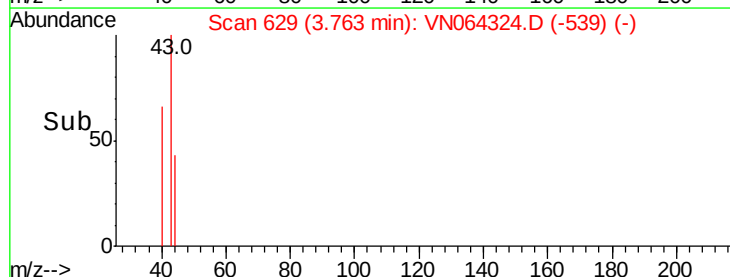
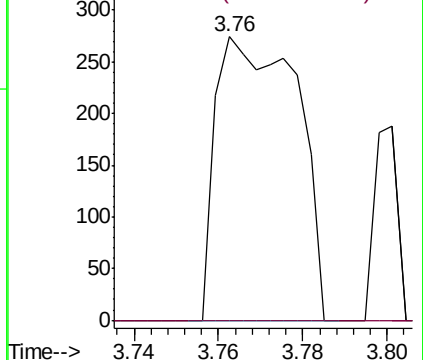
43 100

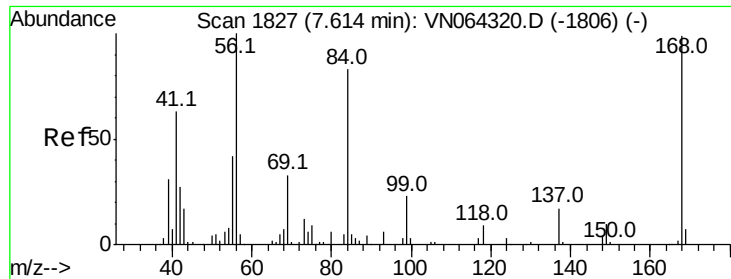
58 0.0 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

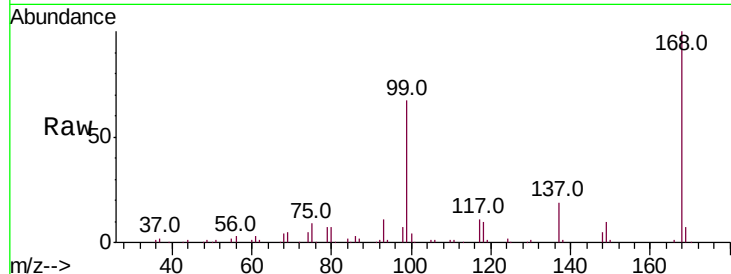




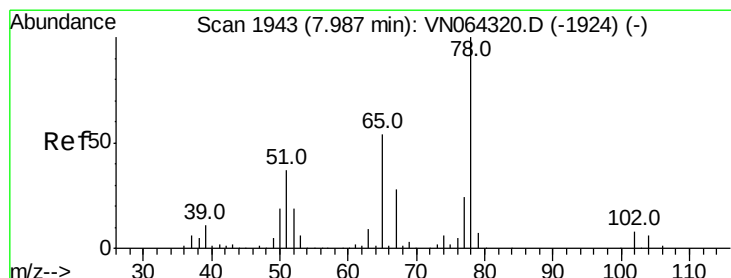
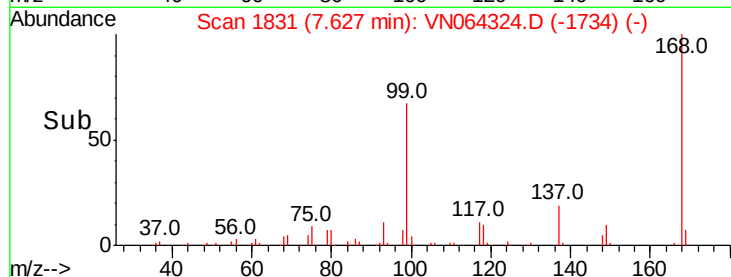
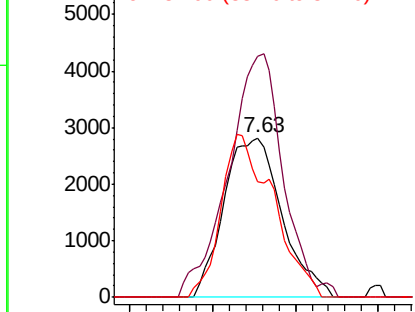
#31
Cyclohexane
Concen: 1.647 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN064324.D
Acq: 27 Oct 2020 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBL01

Tot Ion: 56 Resp: 6863
Ion Ratio Lower Upper
56 100
69 151.6 25.8 38.8#
84 79.7 66.3 99.5

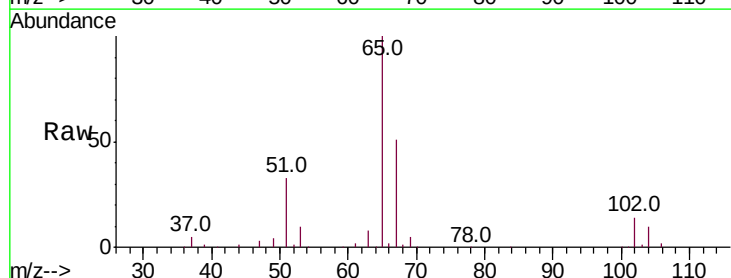


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

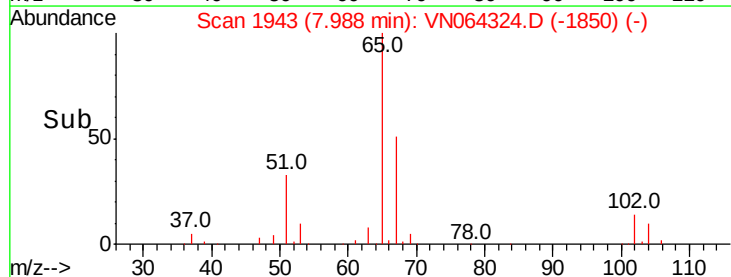
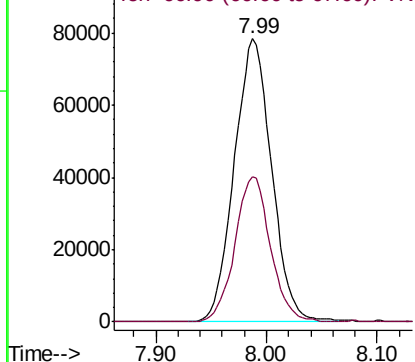


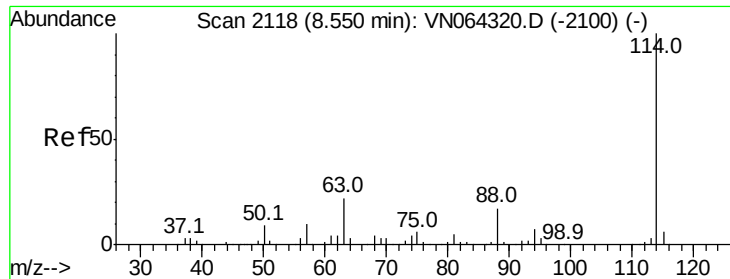
#33
1,2-Dichloroethane-d4
Concen: 51.212 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064324.D
Acq: 27 Oct 2020 14:18

Tgt Ion: 65 Resp: 183857
Ion Ratio Lower Upper
65 100
67 49.0 0.0 99.2



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

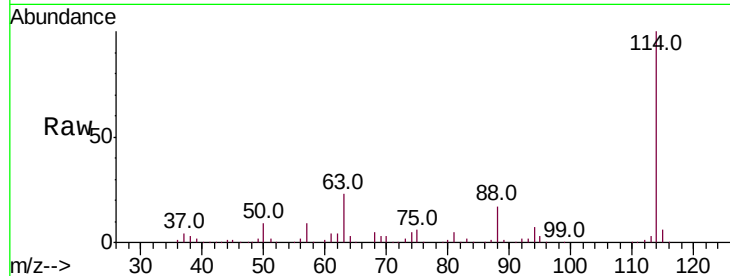




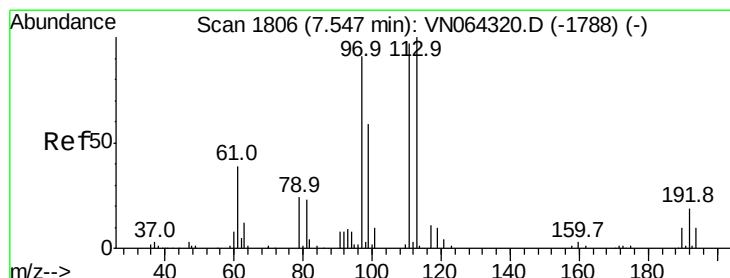
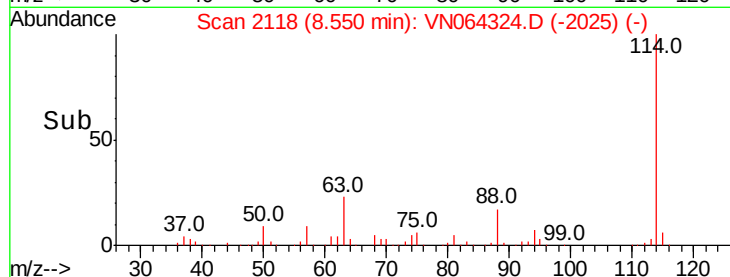
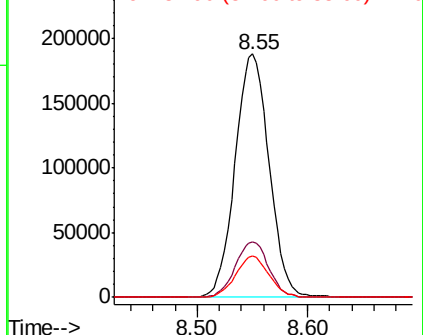
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064324.D
 Acq: 27 Oct 2020 14:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBL01

Tot Ion:	114	Resp:	401739
Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	44.6
88	17.2	0.0	33.4

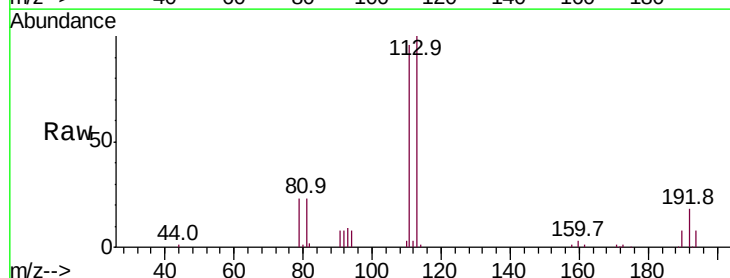


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

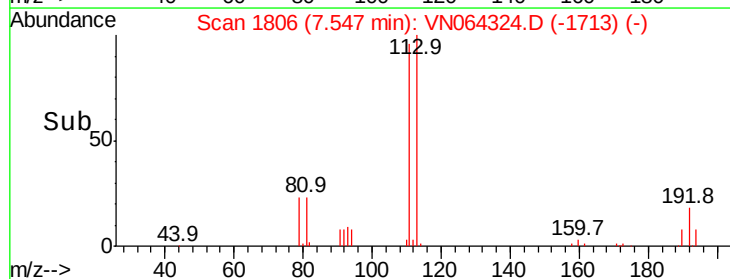
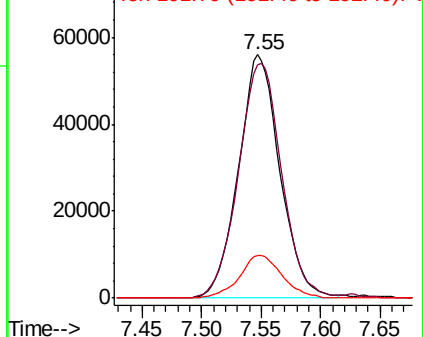


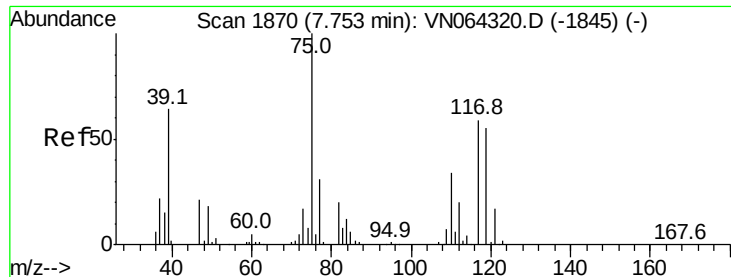
#35
 Dibromofluoromethane
 Concen: 50.464 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN064324.D
 Acq: 27 Oct 2020 14:18

Tgt Ion:	113	Resp:	135199
Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.5	122.3
192	18.1	15.0	22.4



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

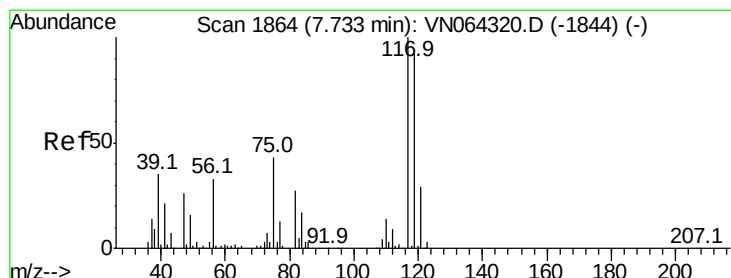
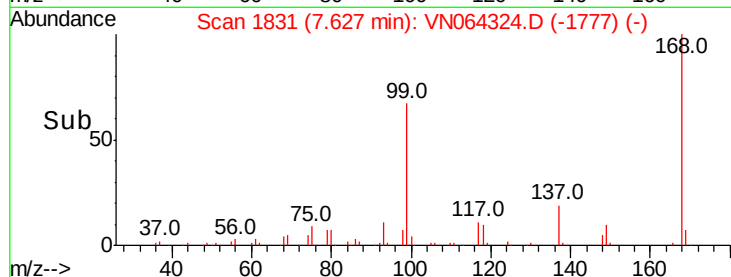
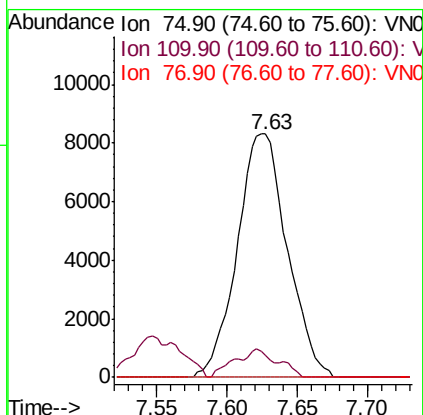
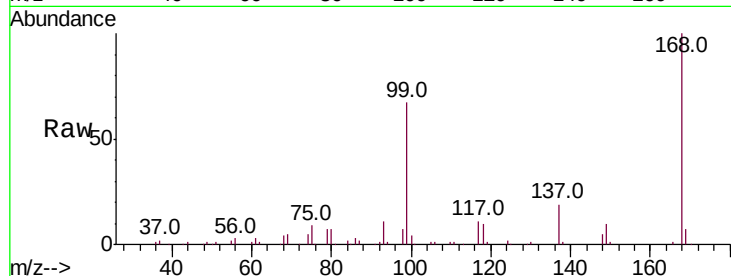




#36
 1,1-Dichloropropene
 Concen: 5.072 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN064324.D
 Acq: 27 Oct 2020 14:18

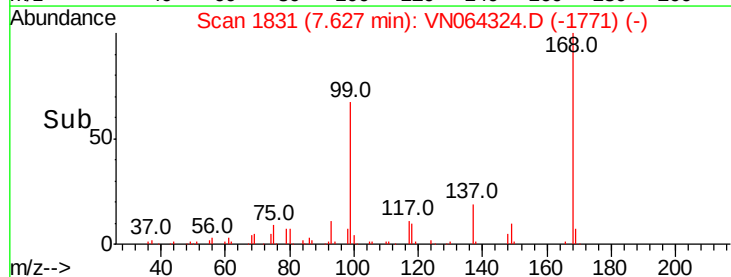
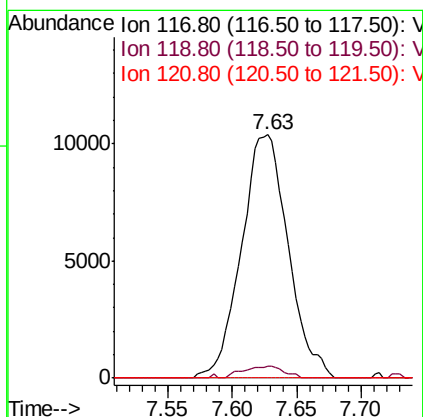
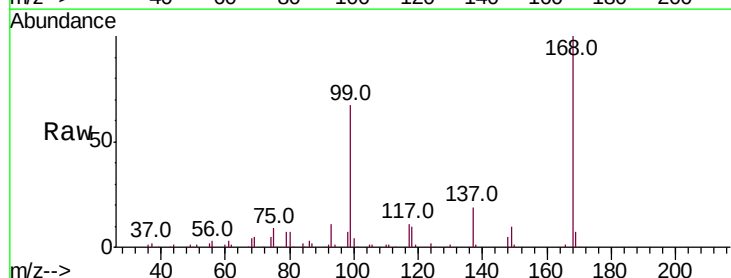
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBL01

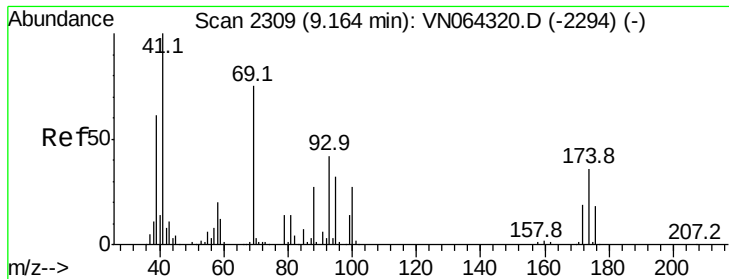
Tot Ion: 75 Resp: 20564
 Ion Ratio Lower Upper
 75 100
 110 10.0 16.8 50.3#
 77 0.0 24.2 36.4#



#38
 Carbon Tetrachloride
 Concen: 5.588 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.11 min
 Lab File: VN064324.D
 Acq: 27 Oct 2020 14:18

Tgt Ion: 117 Resp: 26267
 Ion Ratio Lower Upper
 117 100
 119 4.8 73.7 110.5#
 121 0.0 22.8 34.2#





#49

1,4-Dioxane

Concen: 1.352 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064324.D

Acq: 27 Oct 2020 14:18

Instrument :

MSVOA_N

ClientSampled :

VN1027WBL01

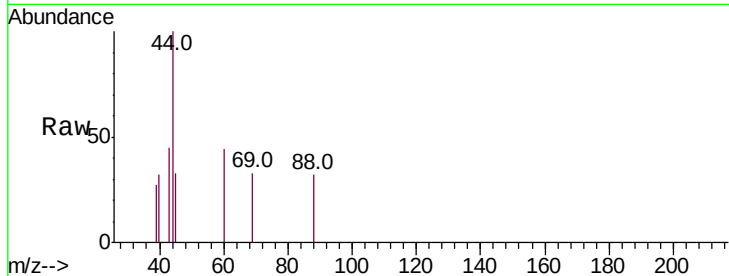
Tot Ion: 88 Resp: 72

Ion Ratio Lower Upper

88 100

43 419.4 31.8 47.8#

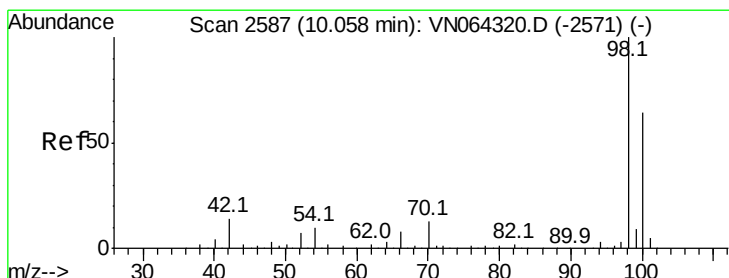
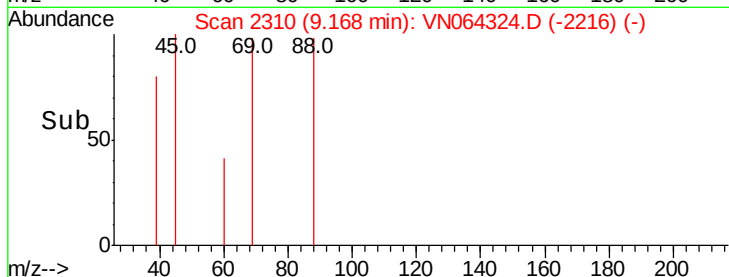
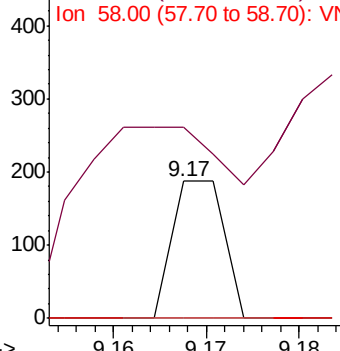
58 0.0 60.3 90.5#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.595 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064324.D

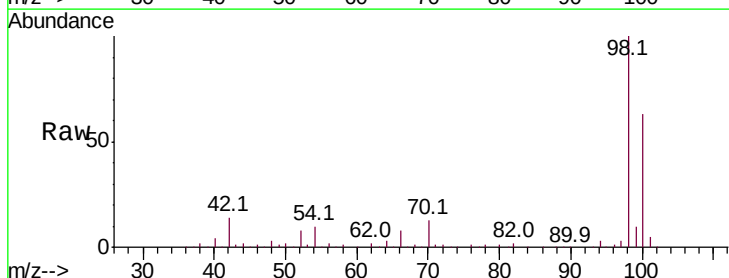
Acq: 27 Oct 2020 14:18

Tgt Ion: 98 Resp: 501384

Ion Ratio Lower Upper

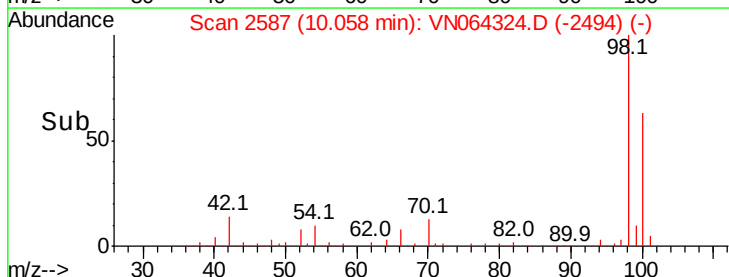
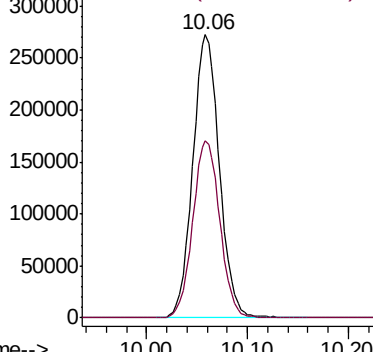
98 100

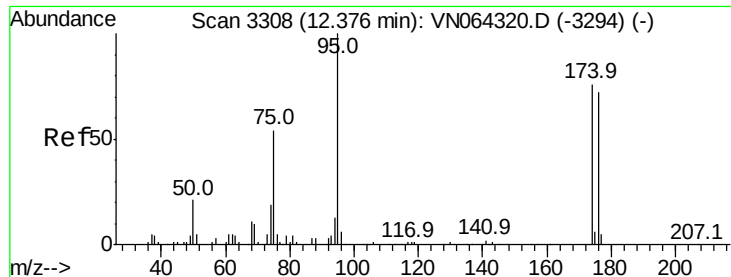
100 63.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

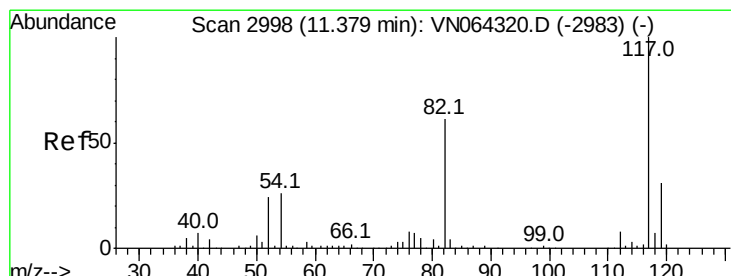
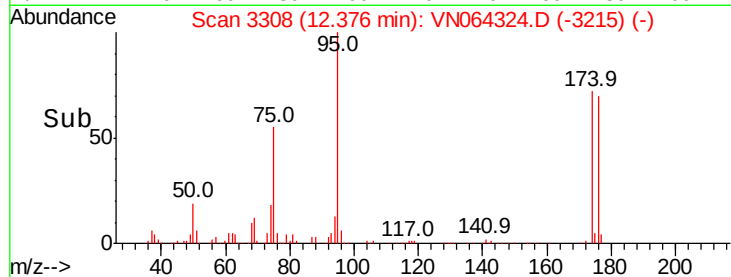
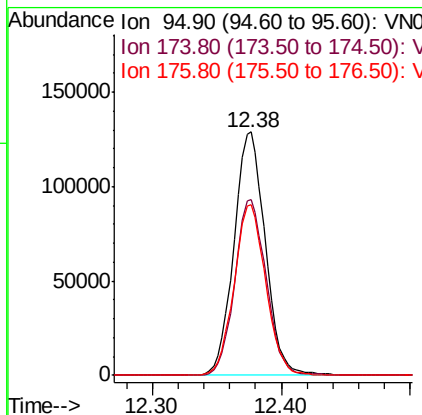
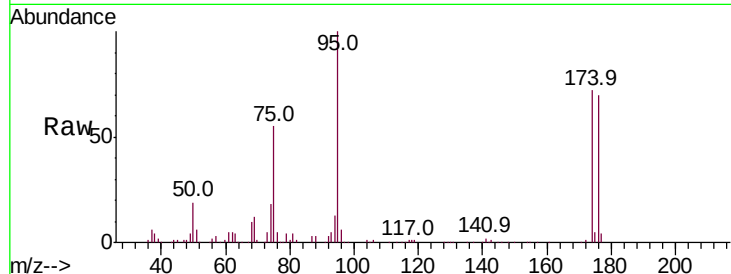




#62
4-Bromofluorobenzene
Concen: 56.287 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064324.D
Acq: 27 Oct 2020 14:18

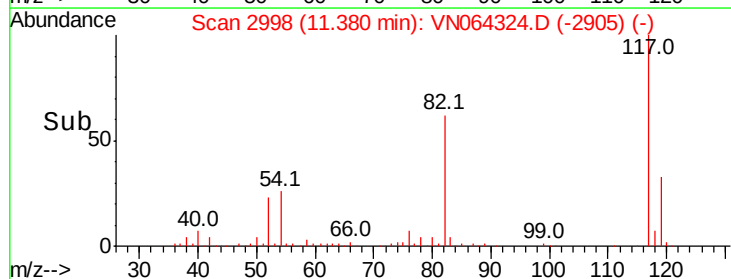
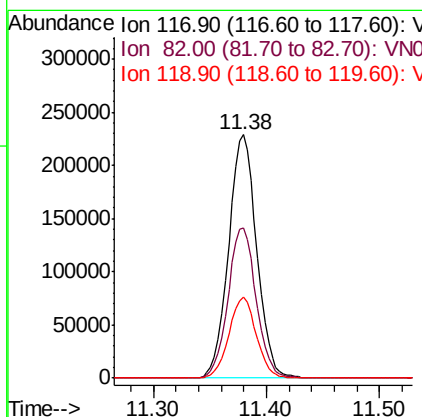
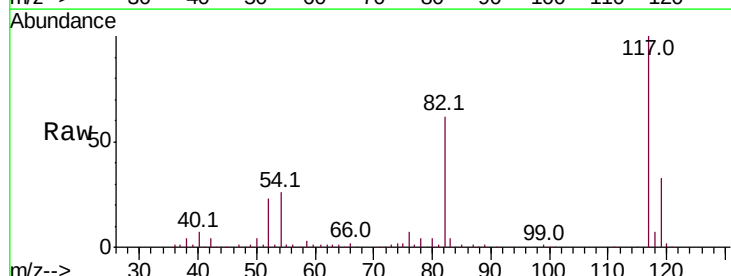
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBL01

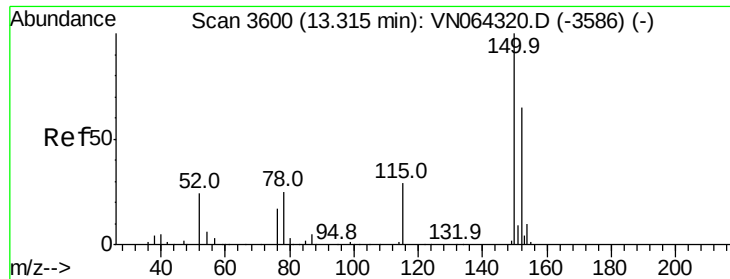
Tot Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	147.4
176	70.3	0.0	143.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064324.D
Acq: 27 Oct 2020 14:18

Tgt Ion	Ratio	Lower	Upper
117	100		
82	61.5	48.8	73.2
119	33.4	25.1	37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064324.D

Acq: 27 Oct 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBL01

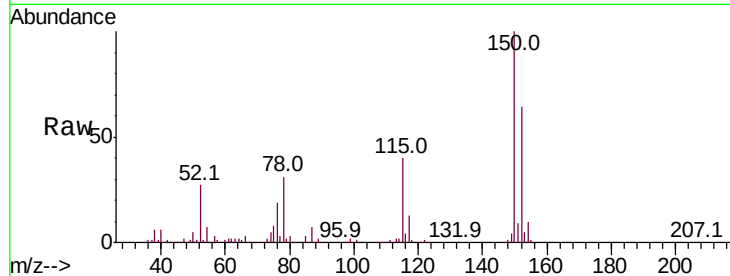
Tot Ion:152 Resp: 174017

Ion Ratio Lower Upper

152 100

115 64.1 31.5 94.5

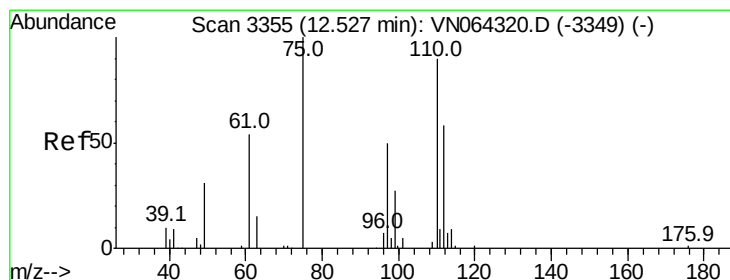
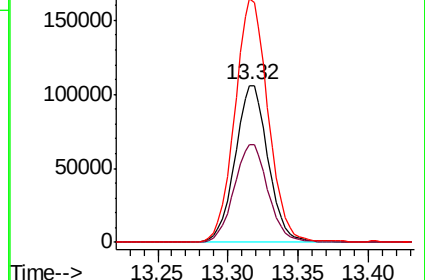
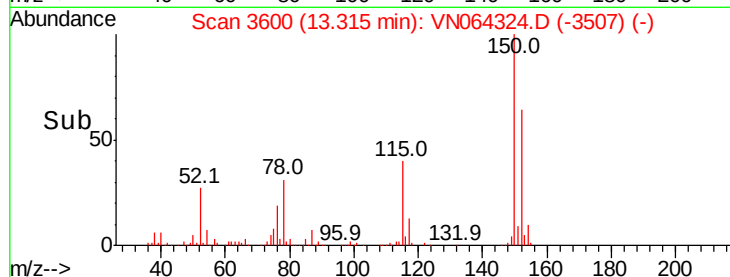
150 156.4 0.0 346.2



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: 29.059 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN064324.D

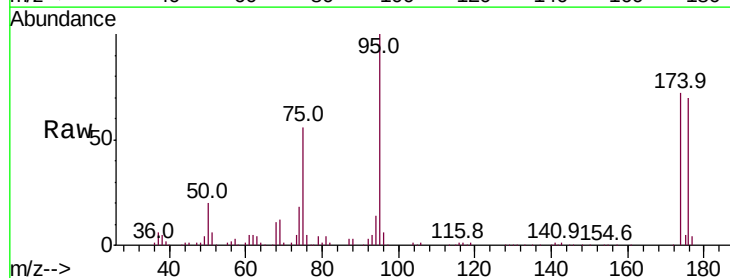
Acq: 27 Oct 2020 14:18

Tgt Ion: 75 Resp: 121094

Ion Ratio Lower Upper

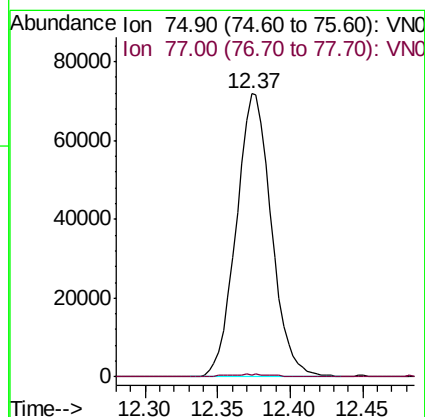
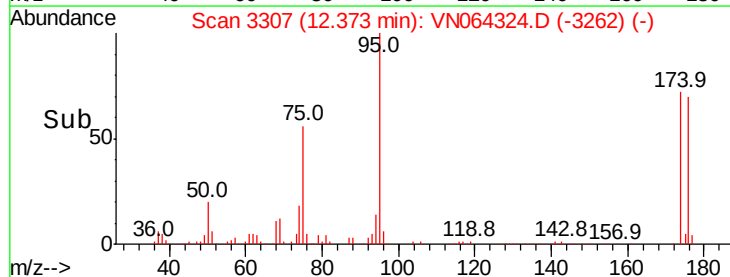
75 100

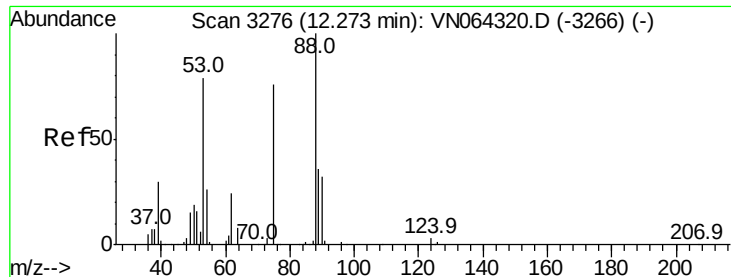
77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

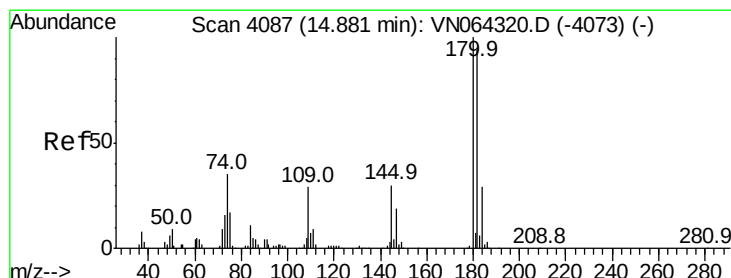
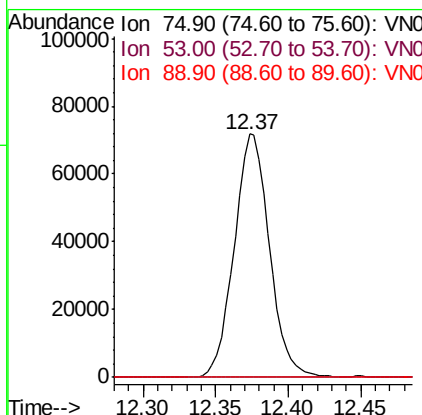
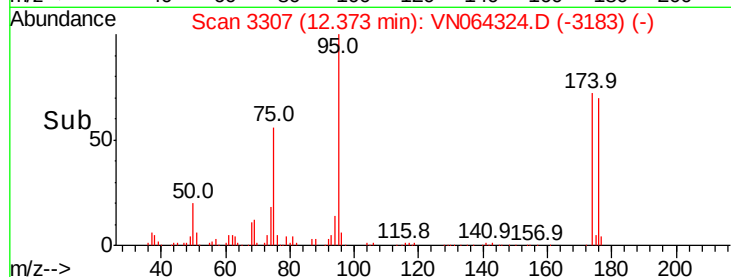
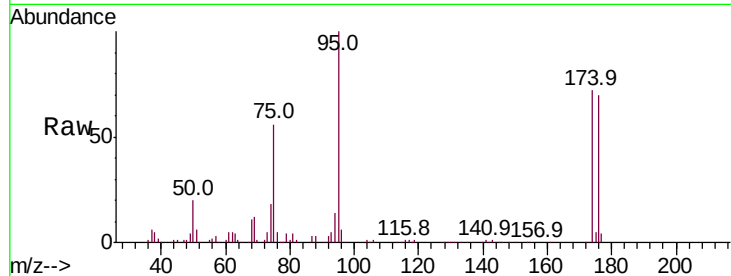




#81
trans-1,4-Dichloro-2-butene
Concen: 83.704 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. 0.10 min
Lab File: VN064324.D
Acq: 27 Oct 2020 14:18

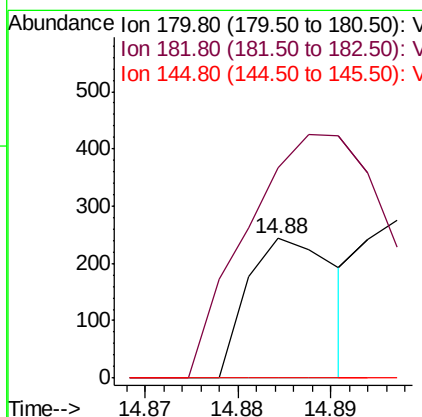
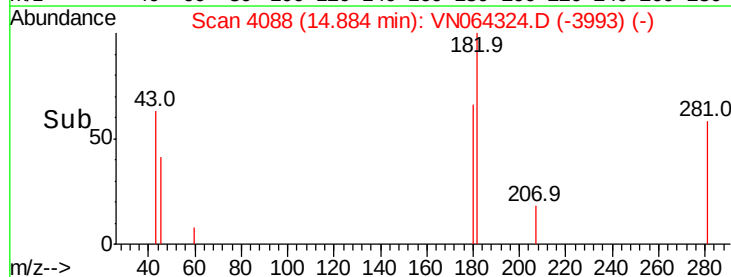
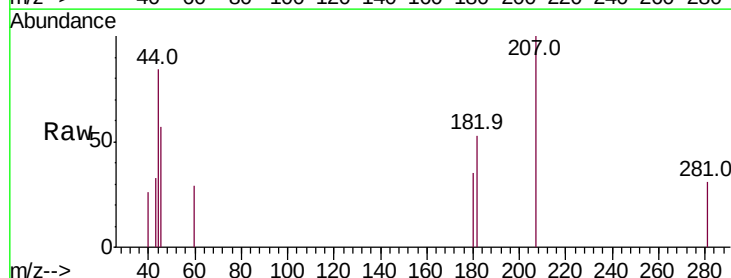
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBL01

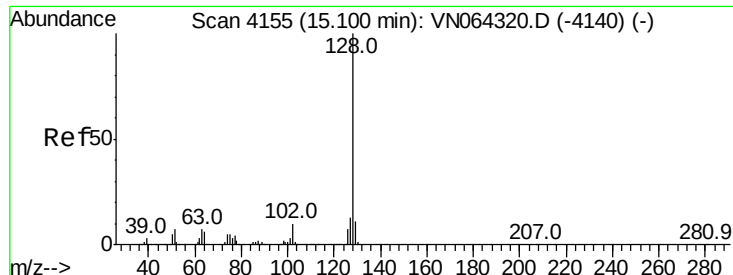
Tot Ion: 75 Resp: 121094
Ion Ratio Lower Upper
75 100
53 0.0 81.8 122.8#
89 0.0 39.9 59.9#



#93
1,2,4-Trichlorobenzene
Concen: 2.067 ug/l
RT: 14.88 min Scan# 4088
Delta R.T. 0.00 min
Lab File: VN064324.D
Acq: 27 Oct 2020 14:18

Tgt Ion: 180 Resp: 162
Ion Ratio Lower Upper
180 100
182 266.0 46.6 139.7#
145 0.0 15.3 45.9#





#95

Naphthalene

Concen: 2.469 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN064324.D

Acq: 27 Oct 2020 14:18

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBL01

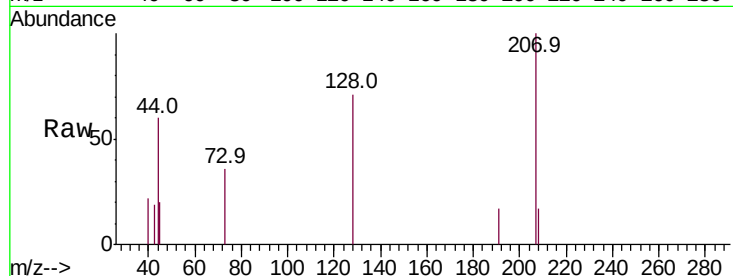
Tot Ion:128 Resp: 795

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 3.8 8.6 13.0#

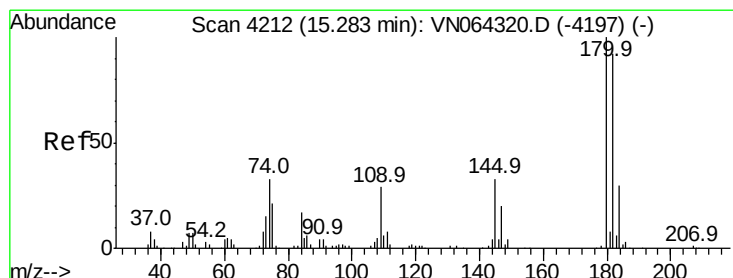
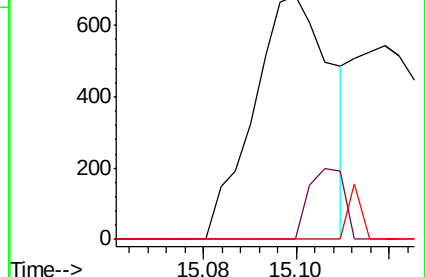
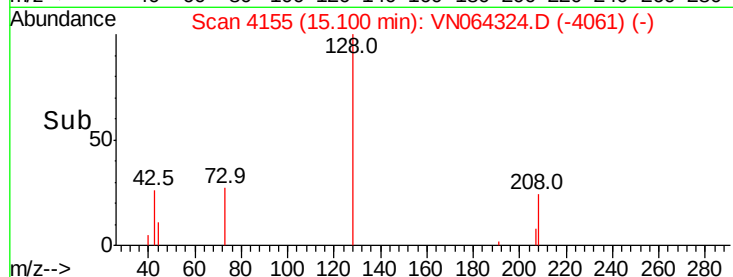


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 2.339 ug/l

RT: 15.30 min Scan# 4216

Delta R.T. 0.01 min

Lab File: VN064324.D

Acq: 27 Oct 2020 14:18

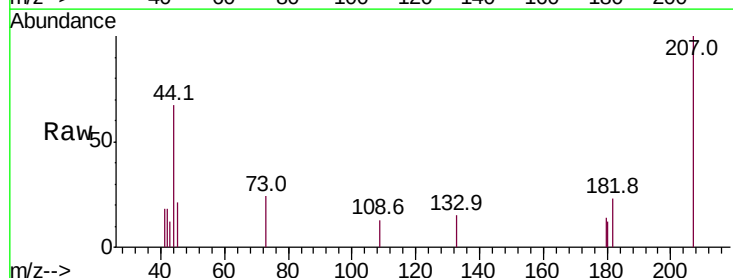
Tgt Ion:180 Resp: 506

Ion Ratio Lower Upper

180 100

182 85.6 46.1 138.3

145 44.5 16.2 48.5



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

Time-->

