

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102920\
 Data File : VN064370.D
 Acq On : 29 Oct 2020 13:47
 Operator : JC/MD
 Sample : L4554-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Oct 30 05:31:07 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	236033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	406858	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	416552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190470	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	185358	48.87	ug/l	0.00
Spiked Amount			Recovery	=	97.74%	
35) Dibromofluoromethane	7.55	113	135409	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	
50) Toluene-d8	10.06	98	507462	50.56	ug/l	0.00
Spiked Amount			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.38	95	224494	57.37	ug/l	0.00
Spiked Amount			Recovery	=	114.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1344	0.458	ug/l	93
11) Tert butyl alcohol	4.75	59	319	0.579	ug/l #	70
13) Acrolein	3.76	56	62	18.162	ug/l #	1
16) Acetone	3.77	43	1815	Below Cal		95
17) Carbon Disulfide	4.01	76	1853	0.278	ug/l #	75
25) 2-Butanone	6.79	43	413	0.217	ug/l #	52
29) Tetrahydrofuran	7.17	42	402	0.325	ug/l #	37
31) Cyclohexane	7.61	56	22756	5.169	ug/l #	82
36) 1,1-Dichloropropene	7.63	75	21584	5.257	ug/l #	51
38) Carbon Tetrachloride	7.62	117	25259	5.306	ug/l #	20
39) Methylcyclohexane	9.05	83	20565	5.051	ug/l #	89
40) Benzene	8.00	78	41327	3.616	ug/l	96
48) Methyl methacrylate	9.24	41	1571	0.429	ug/l #	39
52) Toluene	10.13	92	2055	0.285	ug/l	79
55) 1,1,2-Trichloroethane	10.50	97	2693	0.946	ug/l #	20
56) Ethyl methacrylate	10.40	69	1209	0.281	ug/l #	1
67) Ethyl Benzene	11.48	91	3243	0.207	ug/l #	87
69) o-Xylene	11.92	106	1632	0.291	ug/l	98
70) Styrene	12.22	104	2774	0.302	ug/l #	24
73) Isopropylbenzene	12.22	105	140720	9.864	ug/l	97
76) 1,2,3-Trichloropropane	12.37	75	125530	27.521	ug/l #	100
78) n-propylbenzene	12.57	91	225154	13.941	ug/l	99
79) 2-Chlorotoluene	12.57	91	225154	21.808	ug/l #	42
81) trans-1,4-Dichloro-2-buten	12.37	75	125530	79.275	ug/l #	8
82) 4-Chlorotoluene	12.57	91	225154	21.407	ug/l #	43
83) tert-Butylbenzene	12.97	119	3581	0.362	ug/l	86
84) 1,2,4-Trimethylbenzene	12.87	105	3815	0.316	ug/l	77
85) sec-Butylbenzene	13.14	105	70674	5.514	ug/l	88
86) p-Isopropyltoluene	13.41	119	17358	1.503	ug/l	93
89) n-Butylbenzene	13.59	91	40049	3.937	ug/l	86
90) Hexachloroethane	13.86	117	24116	11.120	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	14.28	75	274	0.266	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.89	180	359	2.116	ug/l #	38
95) Naphthalene	15.10	128	6150	2.936	ug/l #	80

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Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration

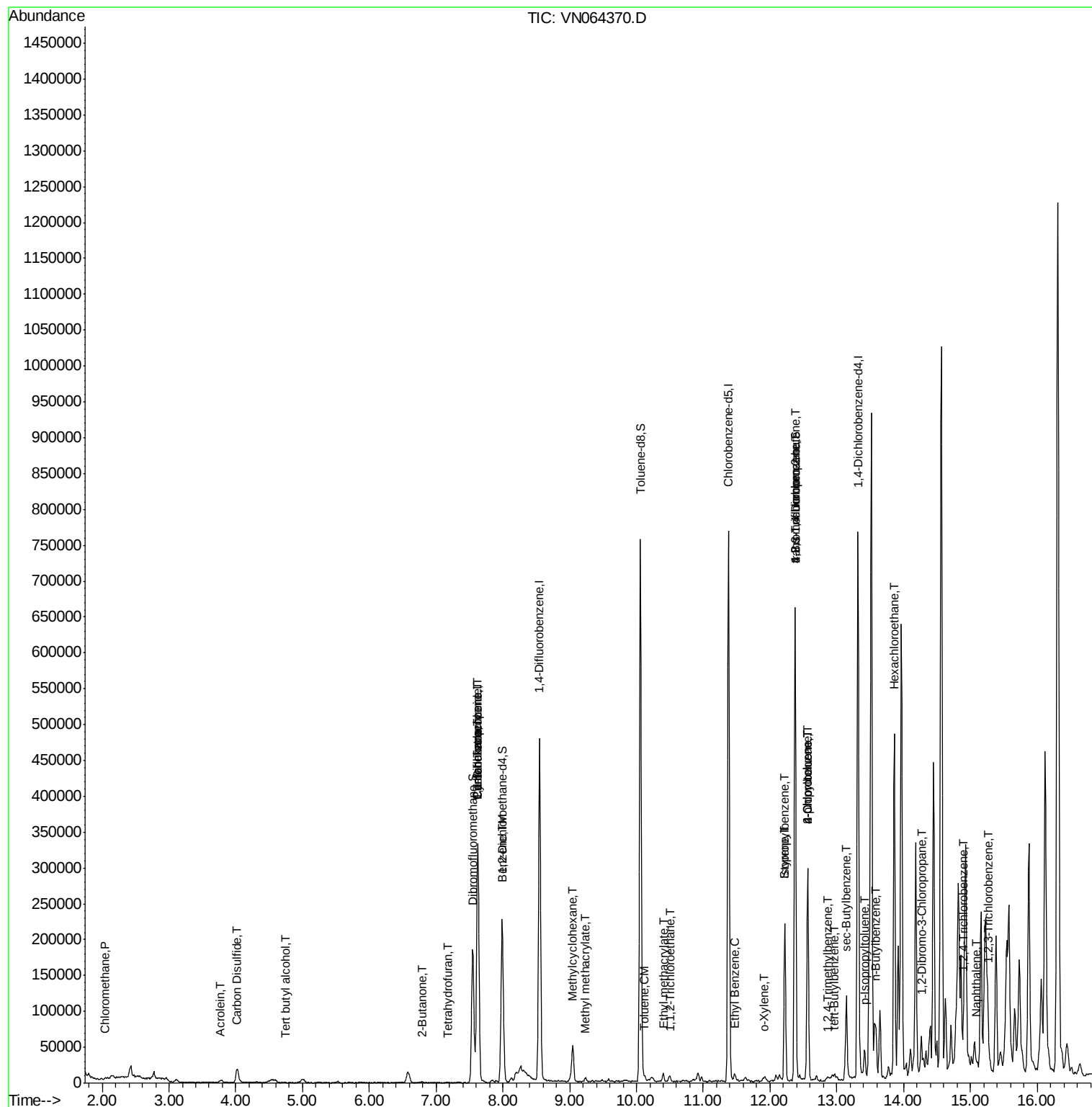
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.28	180	329	2.275	ug/l #	52

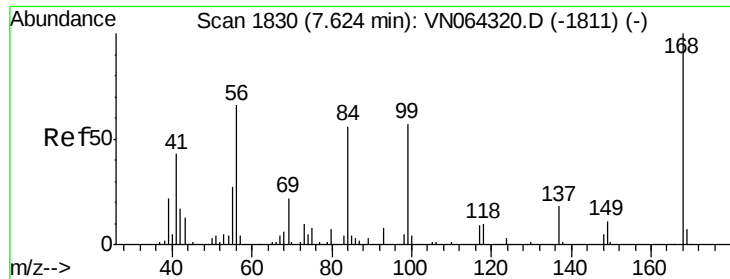
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064370.D

Acq: 29 Oct 2020 13:47

Instrument :

MSVOA_N

ClientSampled :

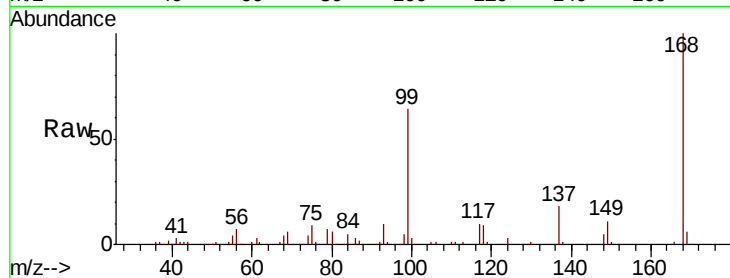
MW-1

Tot Ion:168 Resp: 236033

Ion Ratio Lower Upper

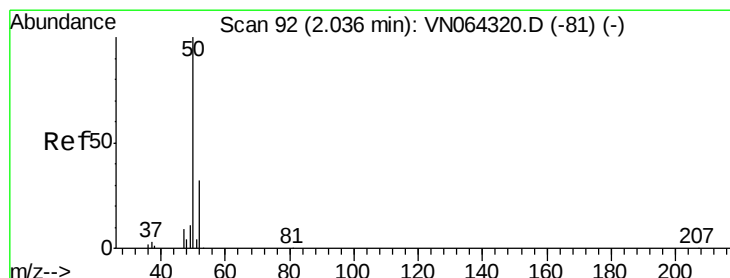
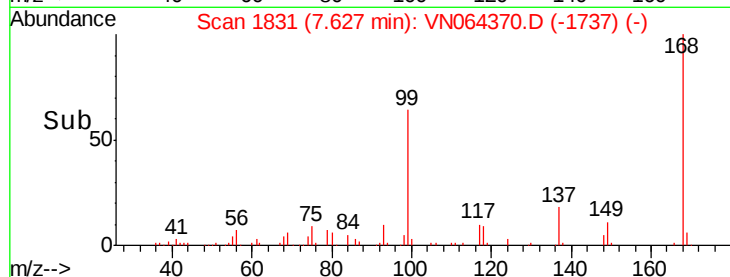
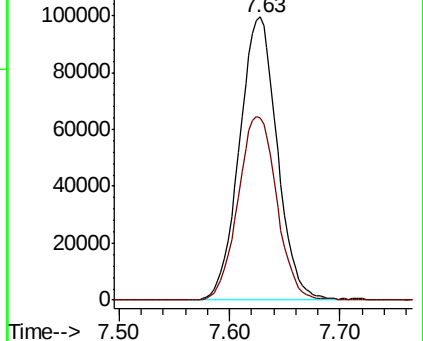
168 100

99 64.2 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.458 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064370.D

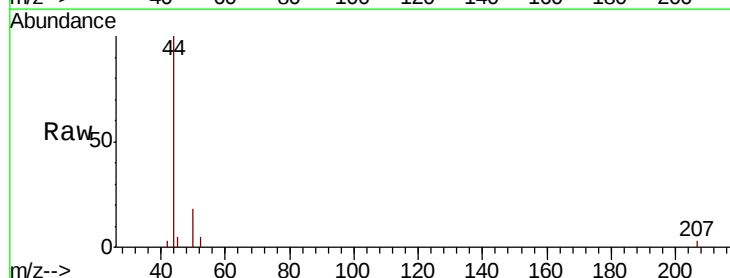
Acq: 29 Oct 2020 13:47

Tgt Ion: 50 Resp: 1344

Ion Ratio Lower Upper

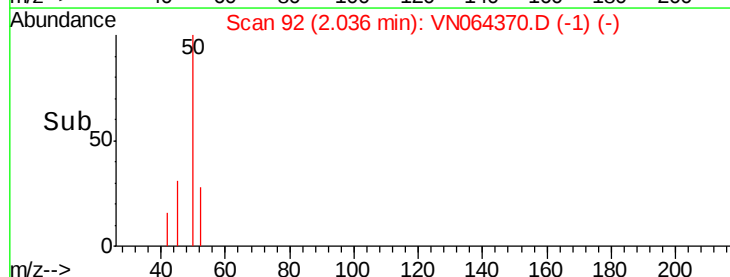
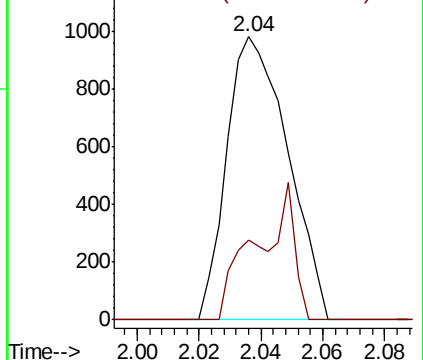
50 100

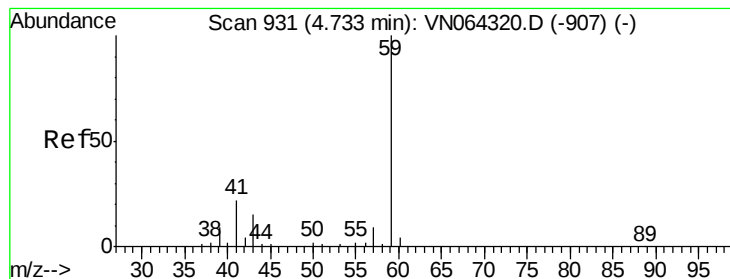
52 28.3 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



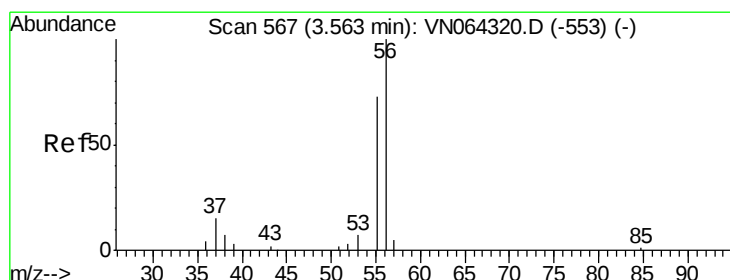
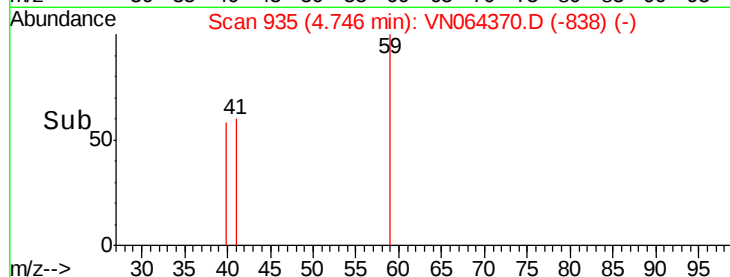
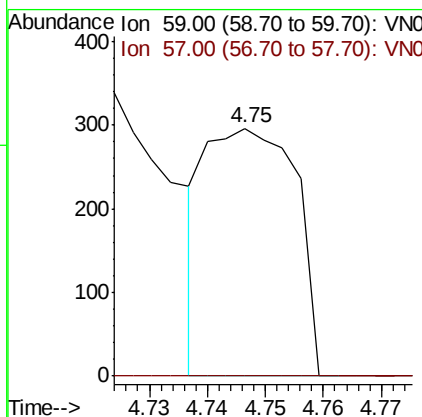
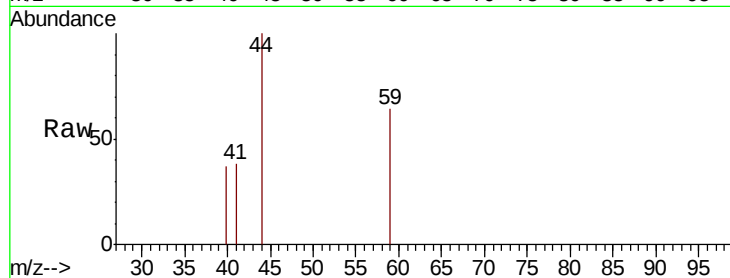


#11

Tert butyl alcohol
 Concen: 0.579 ug/l
 RT: 4.75 min Scan# 935
 Delta R.T. 0.01 min
 Lab File: VN064370.D
 Acq: 29 Oct 2020 13:47

Instrument :
 MSVOA_N
 ClientSampled :
 MW-1

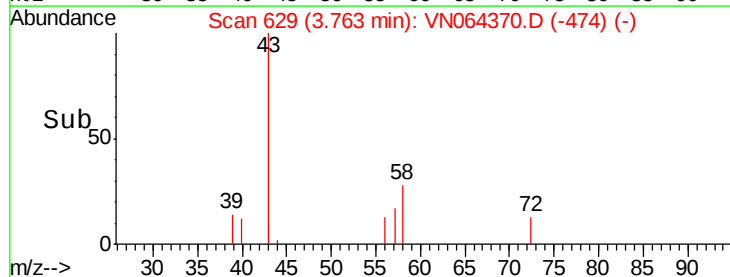
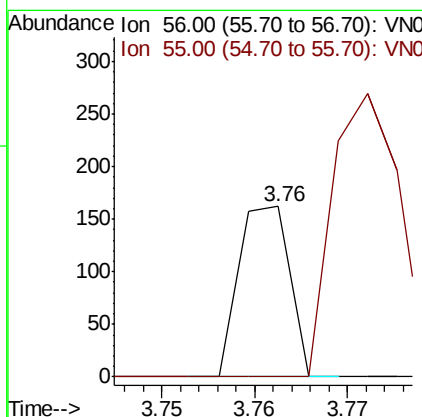
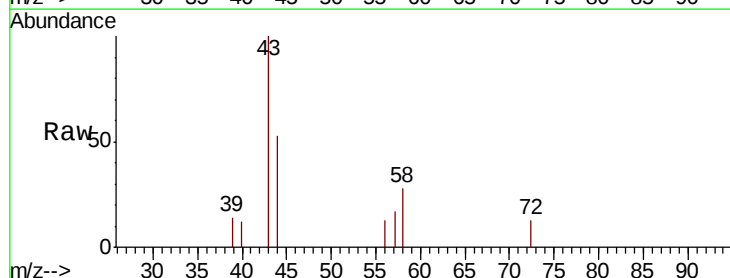
Tot Ion: 59 Resp: 319
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.4 14.0#

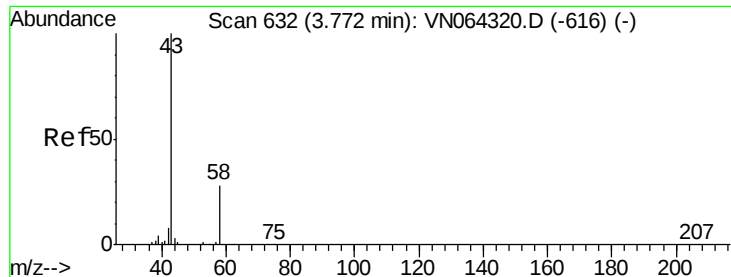


#13

Acrolein
 Concen: 18.162 ug/l
 RT: 3.76 min Scan# 629
 Delta R.T. 0.20 min
 Lab File: VN064370.D
 Acq: 29 Oct 2020 13:47

Tgt Ion: 56 Resp: 62
 Ion Ratio Lower Upper
 56 100
 55 214.5 62.6 94.0#





#16

Acetone

Concen: Below Cal

RT: 3.77 min Scan# 631

Delta R.T. -0.00 min

Lab File: VN064370.D

Acq: 29 Oct 2020 13:47

Instrument :

MSVOA_N

ClientSampled :

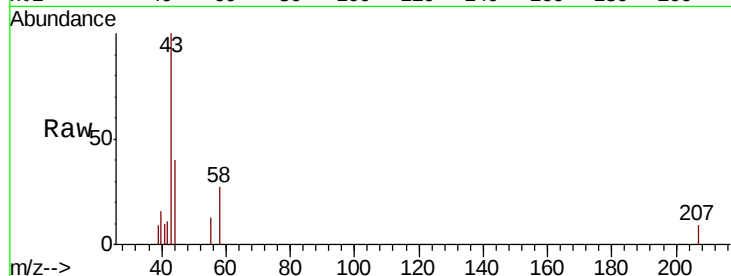
MW-1

Tot Ion: 43 Resp: 1815

Ion Ratio Lower Upper

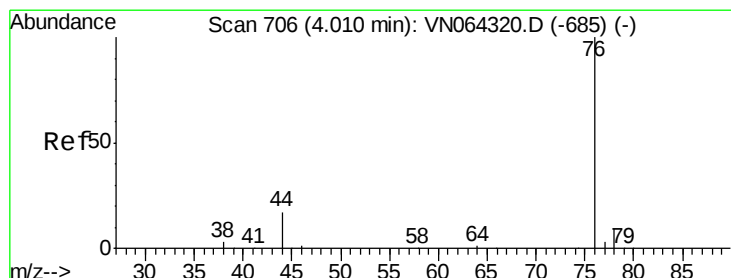
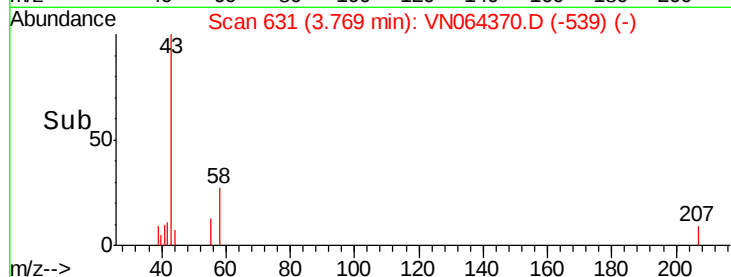
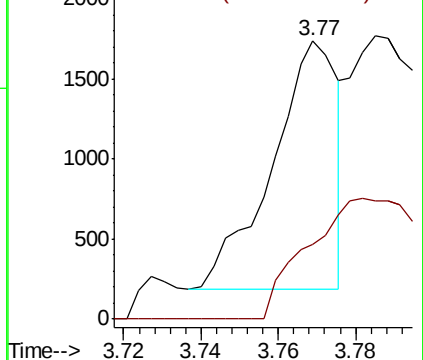
43 100

58 30.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN064370.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN064370.D (-539) (-)



#17

Carbon Disulfide

Concen: 0.278 ug/l

RT: 4.01 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN064370.D

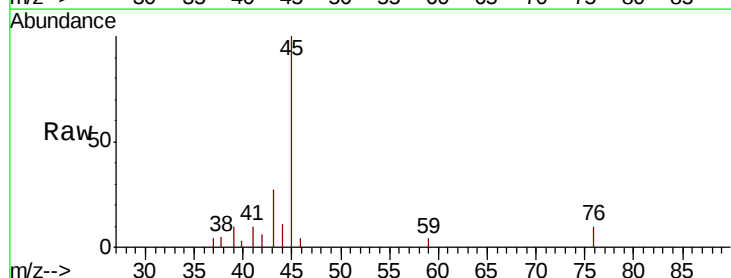
Acq: 29 Oct 2020 13:47

Tgt Ion: 76 Resp: 1853

Ion Ratio Lower Upper

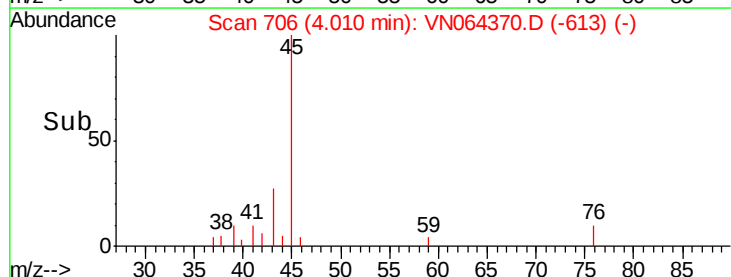
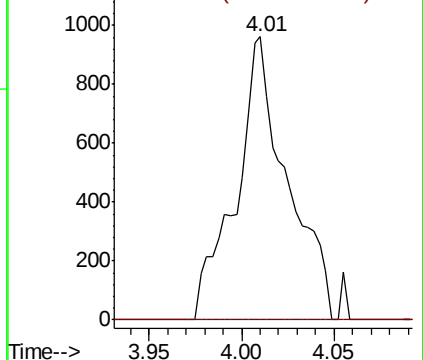
76 100

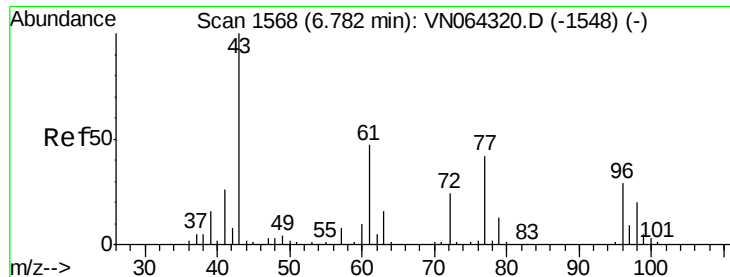
78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VN064370.D (-613) (-)

Ion 77.90 (77.60 to 78.60): VN064370.D (-613) (-)





#25

2-Butanone

Concen: 0.217 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN064370.D

Acq: 29 Oct 2020 13:47

Instrument :

MSVOA_N

ClientSampled :

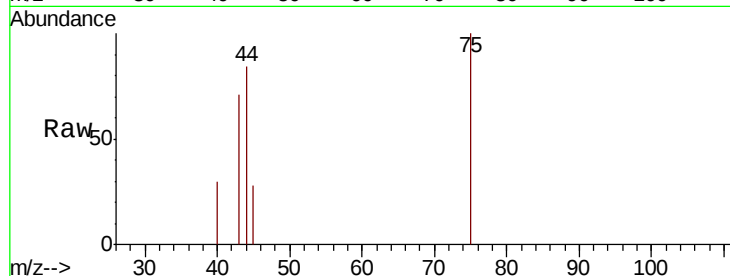
MW-1

Tot Ion: 43 Resp: 413

Ion Ratio Lower Upper

43 100

72 0.0 18.8 28.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

600

500

400

300

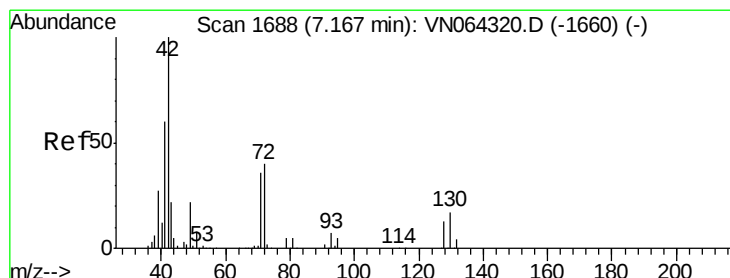
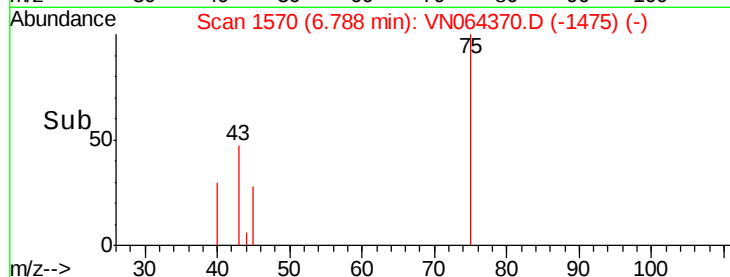
200

100

0

6.76 6.77 6.78 6.79 6.80

Time-->



#29

Tetrahydrofuran

Concen: 0.325 ug/l

RT: 7.17 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VN064370.D

Acq: 29 Oct 2020 13:47

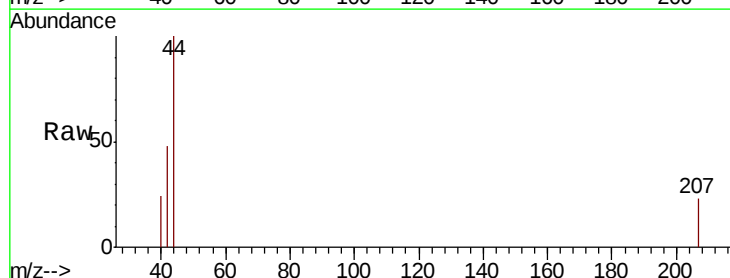
Tgt Ion: 42 Resp: 402

Ion Ratio Lower Upper

42 100

72 0.0 31.6 47.4#

71 0.0 29.4 44.0#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

400

300

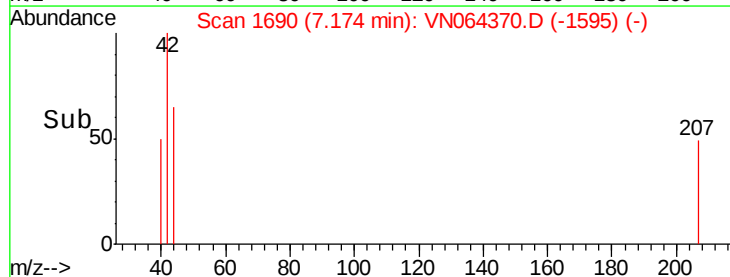
200

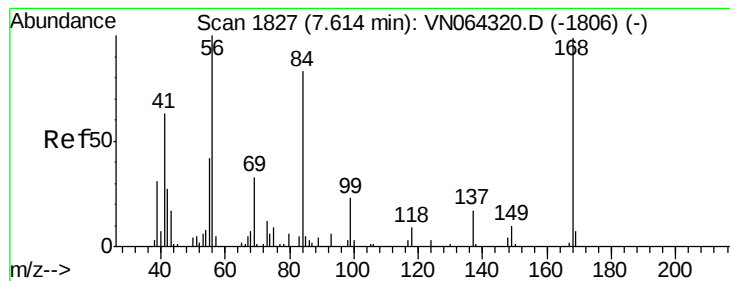
100

0

7.14 7.16 7.18 7.20

Time-->





#31

Cyclohexane

Concen: 5.169 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064370.D

Acq: 29 Oct 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

MW-1

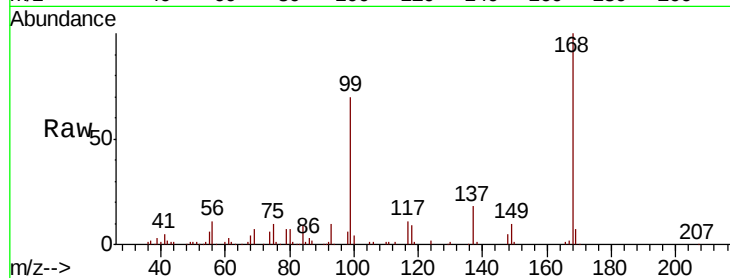
Tot Ion: 56 Resp: 22756

Ion Ratio Lower Upper

56 100

69 64.3 25.8 38.8#

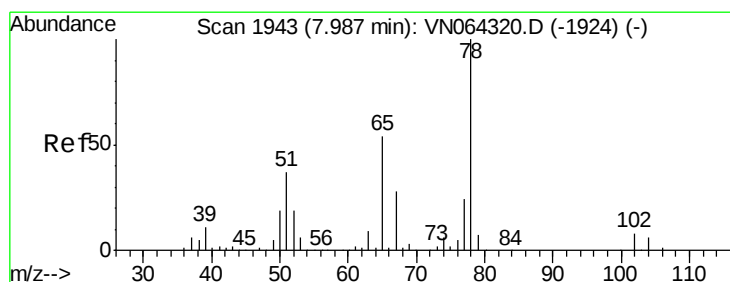
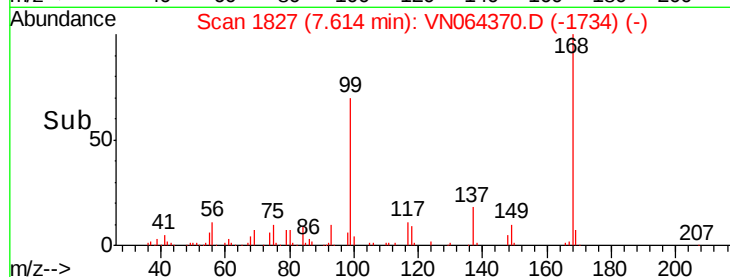
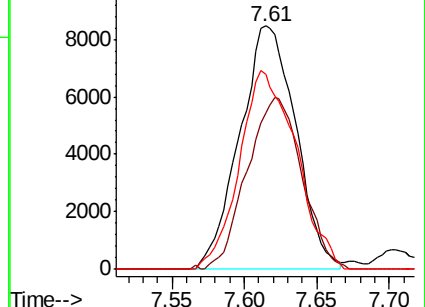
84 79.9 66.3 99.5



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: 48.868 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064370.D

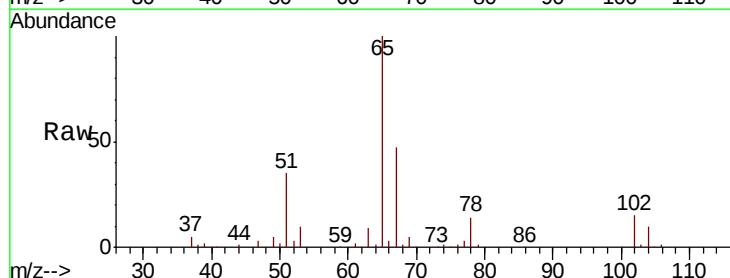
Acq: 29 Oct 2020 13:47

Tgt Ion: 65 Resp: 185358

Ion Ratio Lower Upper

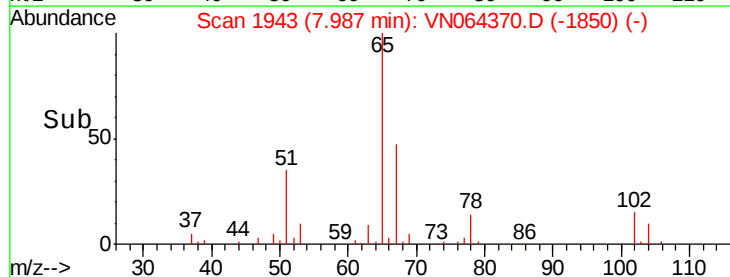
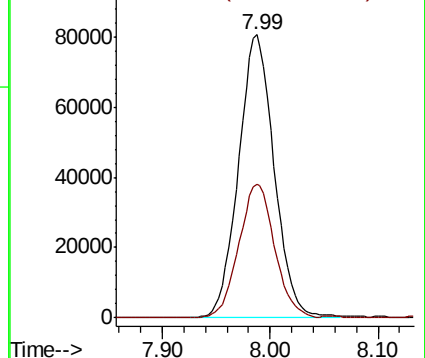
65 100

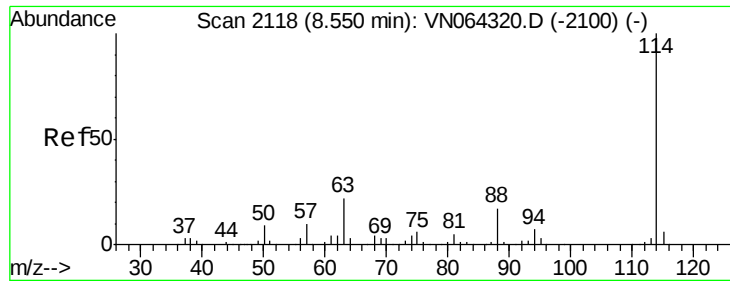
67 47.5 0.0 99.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

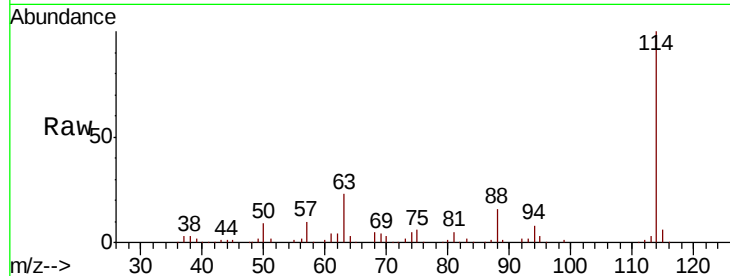




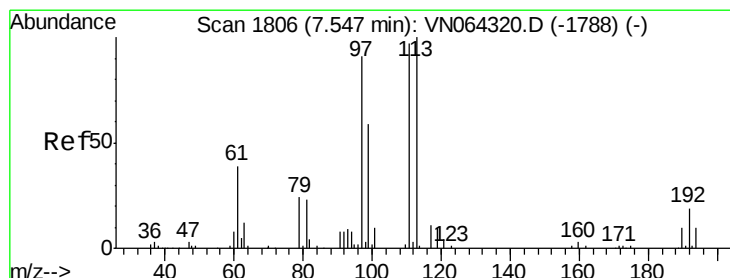
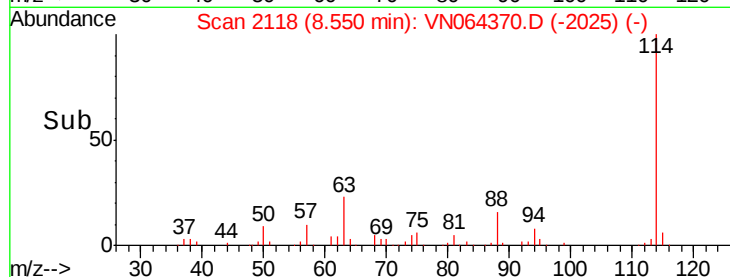
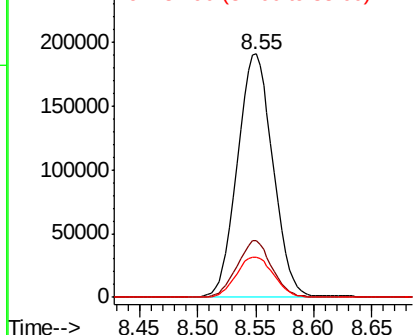
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064370.D
Acq: 29 Oct 2020 13:47

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tot Ion:114 Resp: 406858
Ion Ratio Lower Upper
114 100
63 23.3 0.0 44.6
88 16.3 0.0 33.4

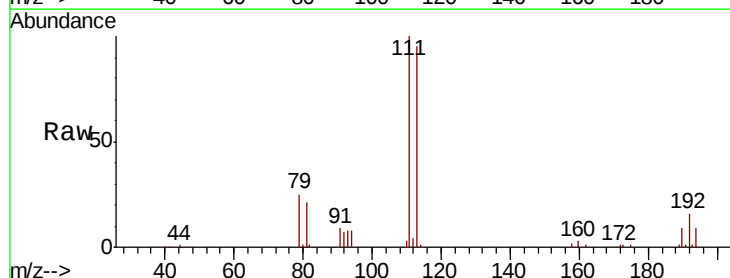


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

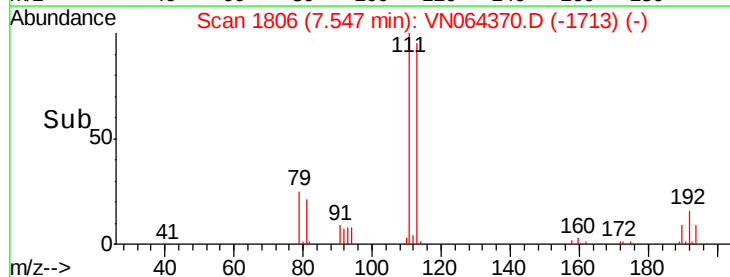
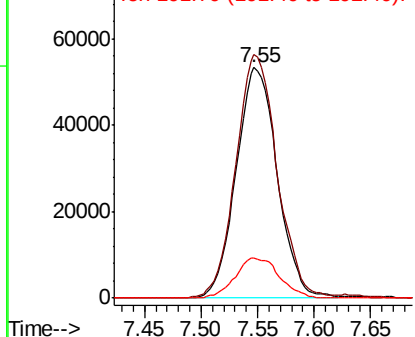


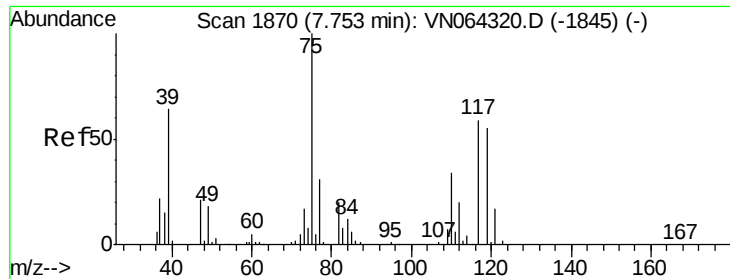
#35
Dibromofluoromethane
Concen: 49.907 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. 0.00 min
Lab File: VN064370.D
Acq: 29 Oct 2020 13:47

Tgt Ion:113 Resp: 135409
Ion Ratio Lower Upper
113 100
111 105.9 81.5 122.3
192 18.7 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

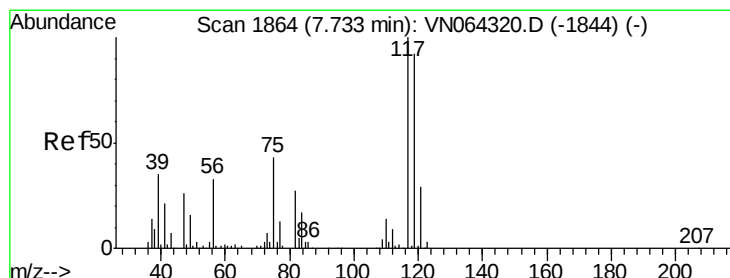
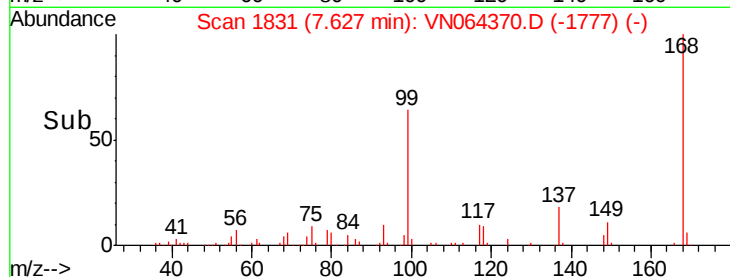
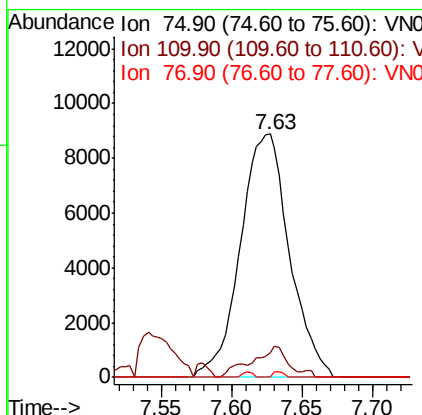
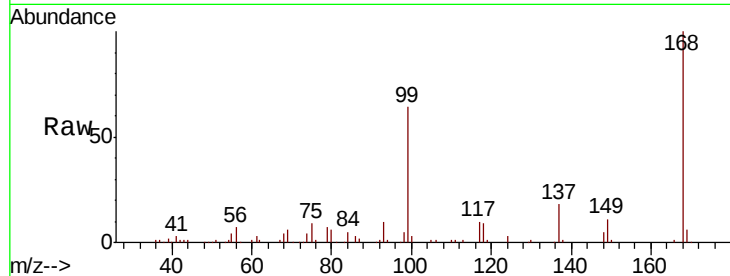




#36
 1,1-Dichloropropene
 Concen: 5.257 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN064370.D
 Acq: 29 Oct 2020 13:47

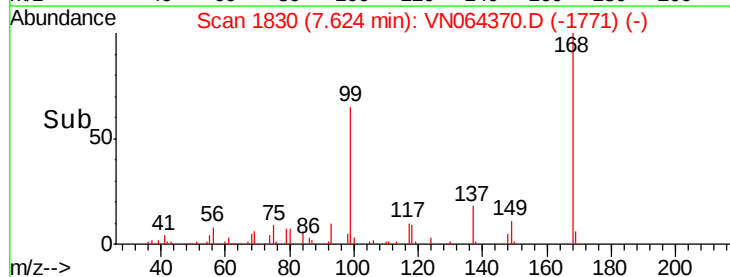
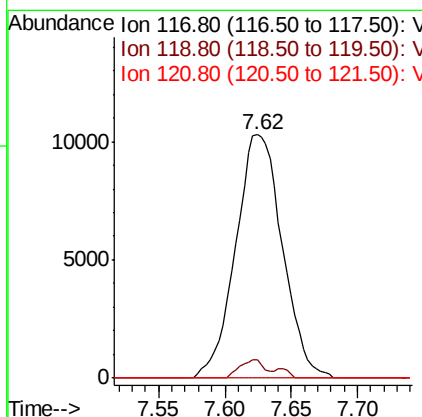
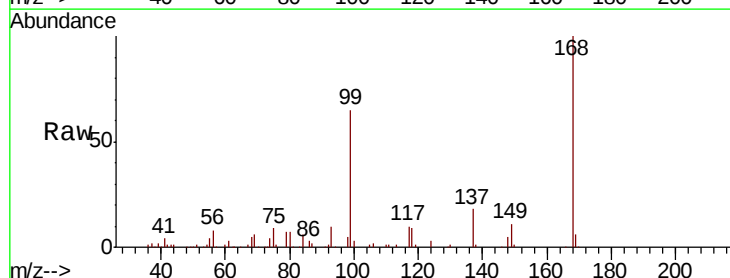
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

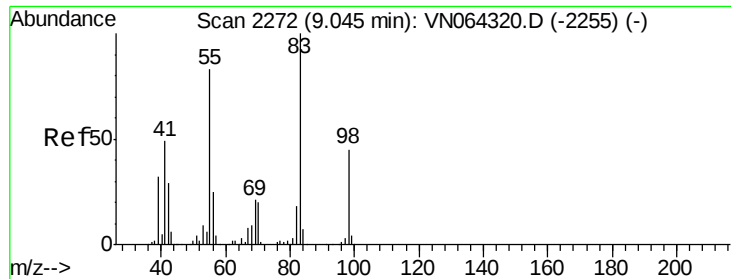
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.6	16.8	50.3#
77	0.0	24.2	36.4#



#38
 Carbon Tetrachloride
 Concen: 5.306 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.11 min
 Lab File: VN064370.D
 Acq: 29 Oct 2020 13:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.4	73.7	110.5#
121	0.0	22.8	34.2#

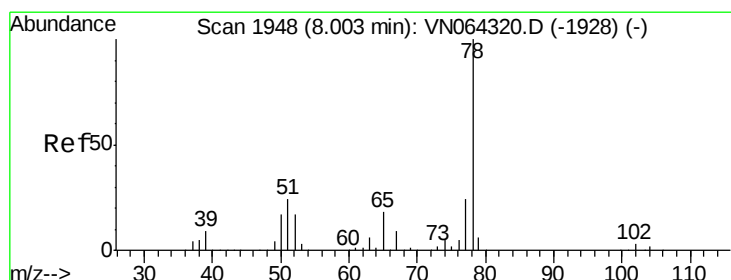
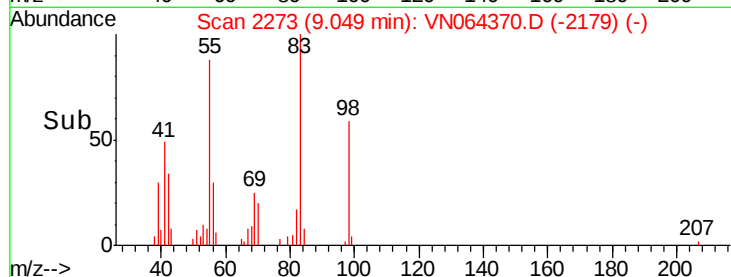
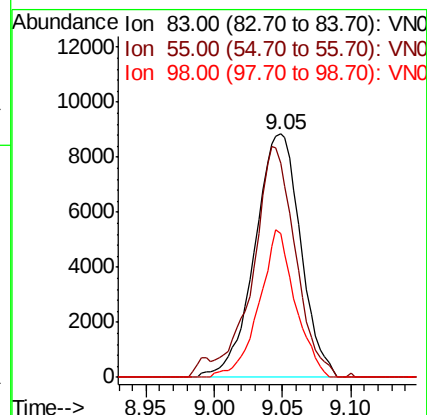
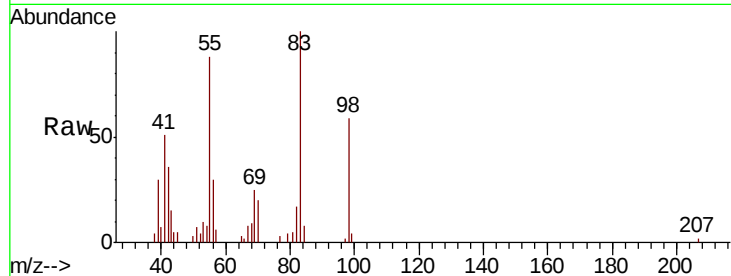




#39
Methvlcvclohexane
Concen: 5.051 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064370.D
Acq: 29 Oct 2020 13:47

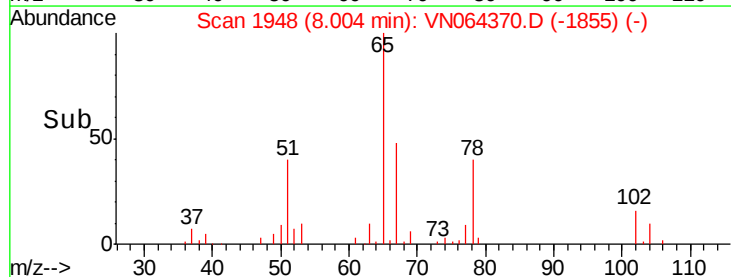
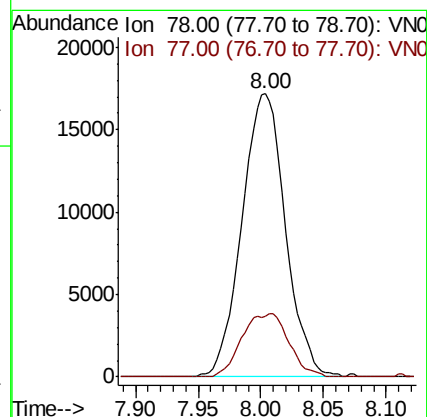
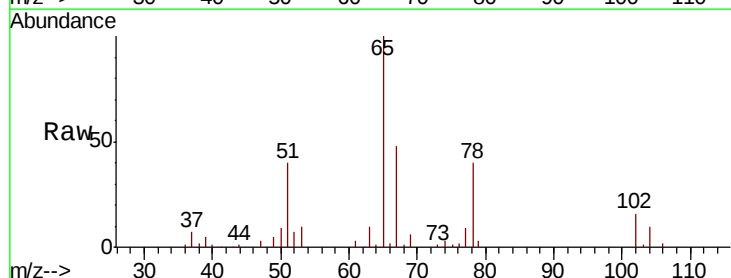
Instrument :
MSVOA_N
ClientSampled :
MW-1

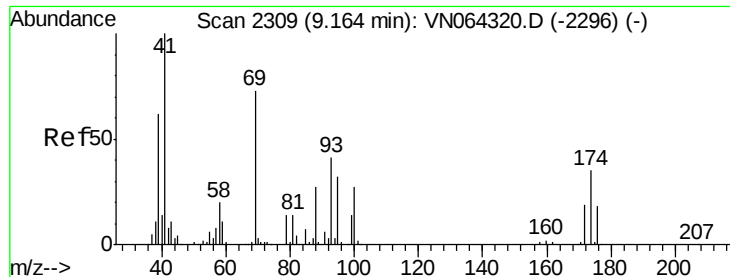
Tot Ion: 83 Resp: 20565
Ion Ratio Lower Upper
83 100
55 88.0 66.2 99.4
98 58.9 36.0 54.0#



#40
Benzene
Concen: 3.616 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064370.D
Acq: 29 Oct 2020 13:47

Tgt Ion: 78 Resp: 41327
Ion Ratio Lower Upper
78 100
77 21.5 18.8 28.2

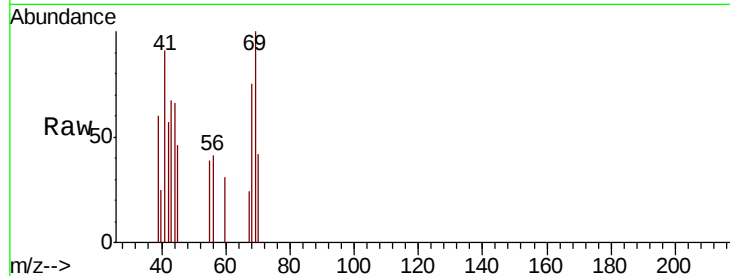




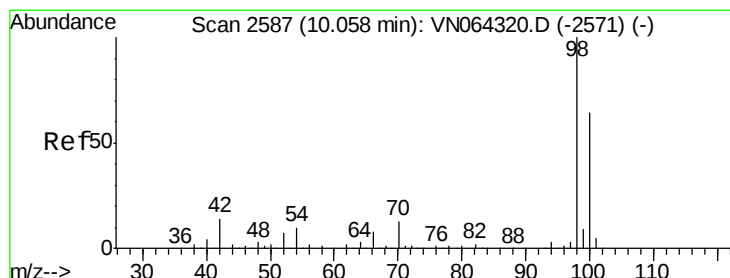
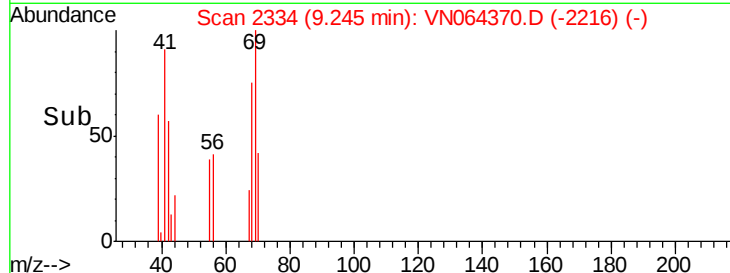
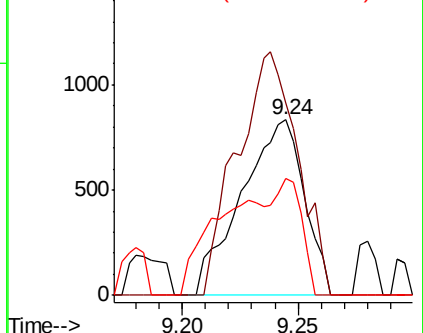
#48
Methvl methacrylate
Concen: 0.429 ug/l
RT: 9.24 min Scan# 2334
Delta R.T. 0.08 min
Lab File: VN064370.D
Acq: 29 Oct 2020 13:47

Instrument :
MSVOA_N
ClientSampled :
MW-1

Tot Ion: 41 Resp: 1571
Ion Ratio Lower Upper
41 100
69 134.5 59.1 88.7#
39 26.7 51.3 76.9#

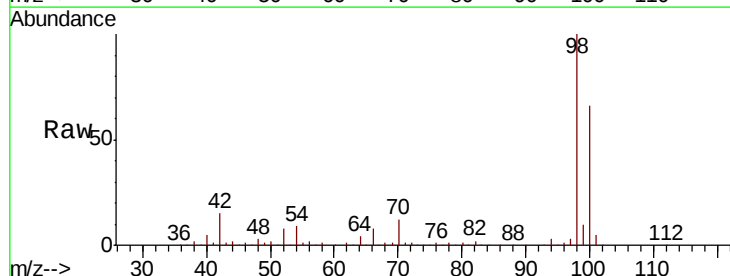


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

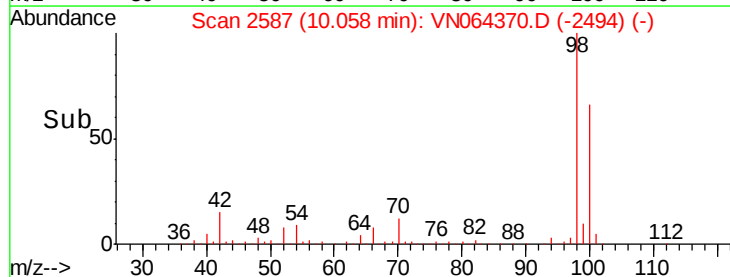
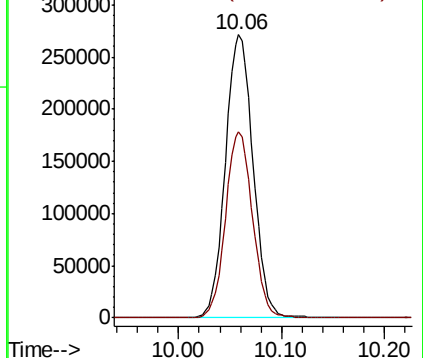


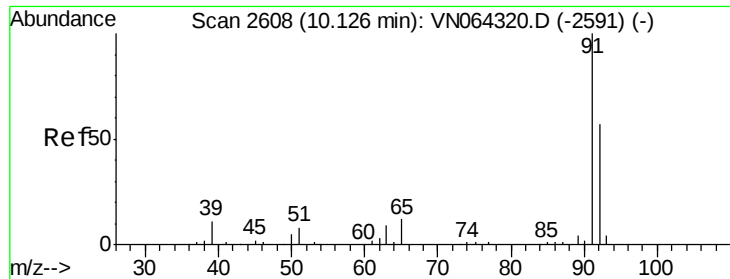
#50
Toluene-d8
Concen: 50.564 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064370.D
Acq: 29 Oct 2020 13:47

Tgt Ion: 98 Resp: 507462
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#52

Toluene

Concen: 0.285 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064370.D

Acq: 29 Oct 2020 13:47

Instrument :

MSVOA_N

ClientSampled :

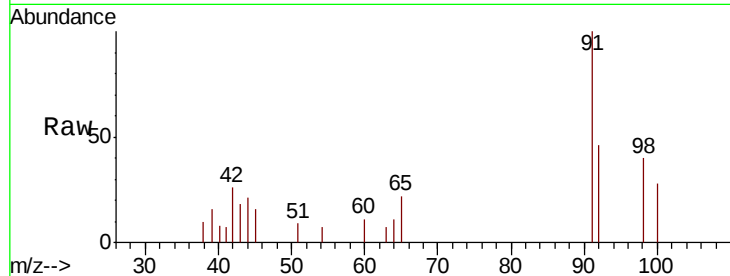
MW-1

Tot Ion: 92 Resp: 2055

Ion Ratio Lower Upper

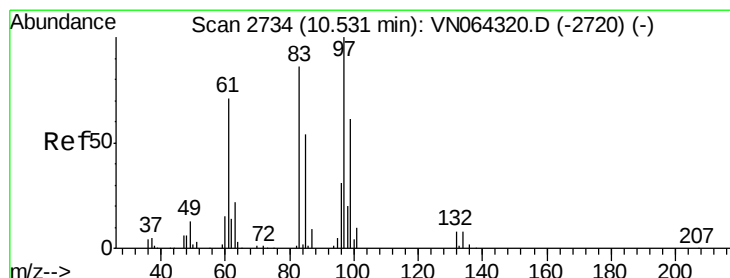
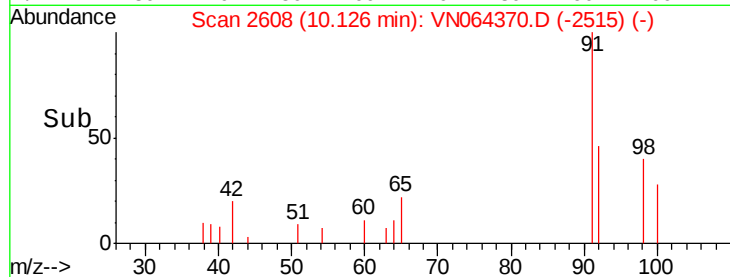
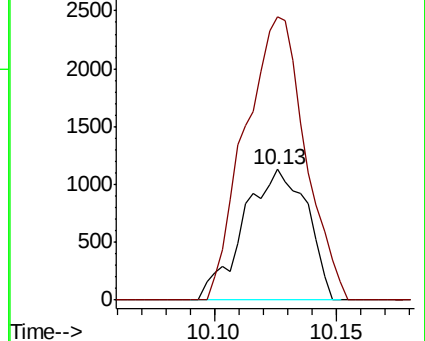
92 100

91 204.5 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#55

1,1,2-Trichloroethane

Concen: 0.946 ug/l

RT: 10.50 min Scan# 2723

Delta R.T. -0.04 min

Lab File: VN064370.D

Acq: 29 Oct 2020 13:47

Tgt Ion: 97 Resp: 2693

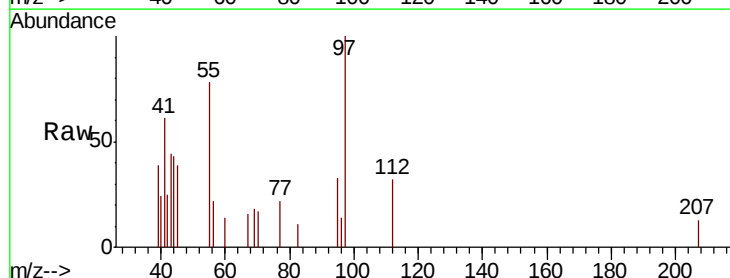
Ion Ratio Lower Upper

97 100

83 11.3 68.9 103.3#

85 0.0 43.6 65.4#

99 0.0 49.2 73.8#

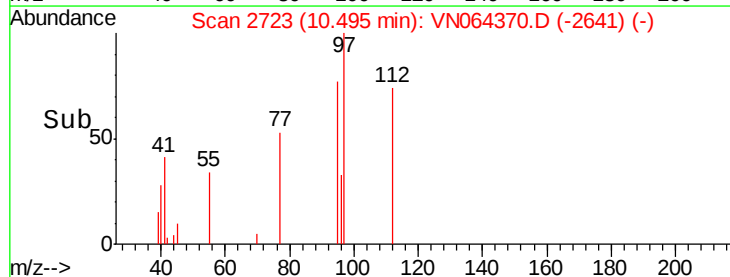
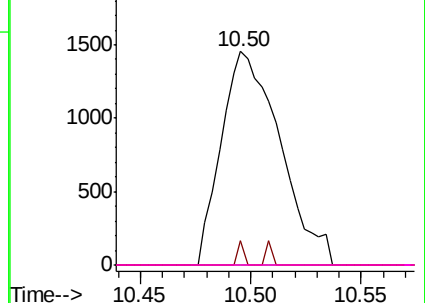


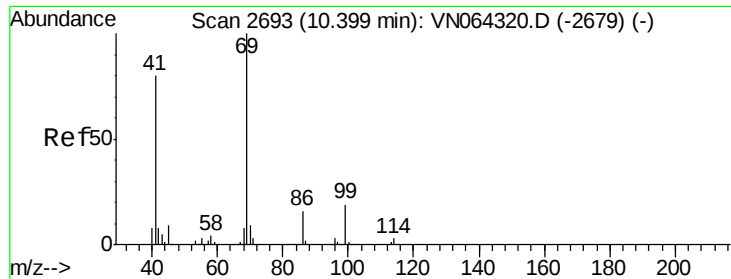
Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

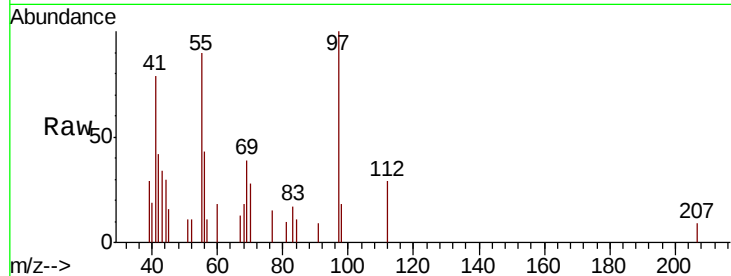




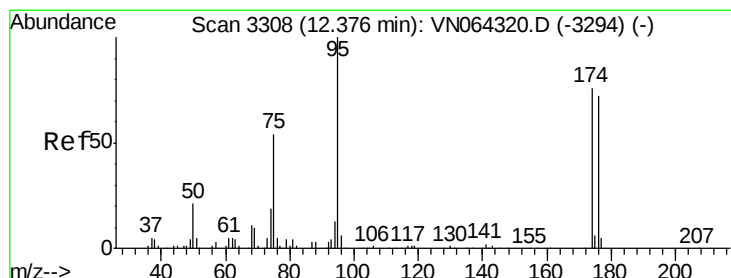
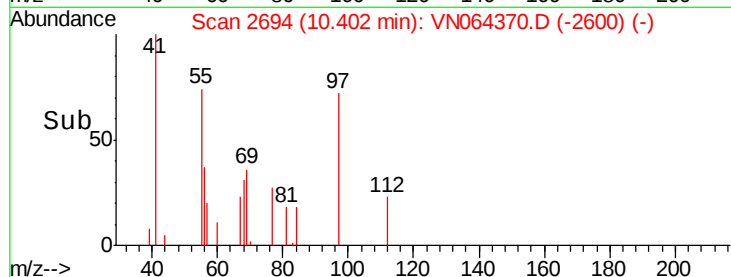
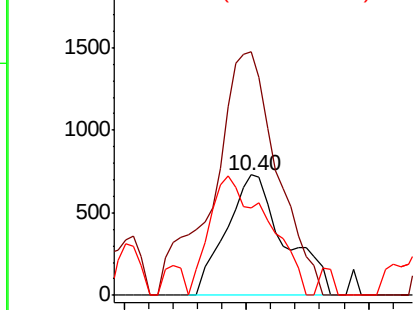
#56
Ethyl methacrylate
Concen: 0.281 ug/l
RT: 10.40 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VN064370.D
Acq: 29 Oct 2020 13:47

Instrument :
MSVOA_N
ClientSampled :
MW-1

Tot Ion: 69 Resp: 1209
Ion Ratio Lower Upper
69 100
41 222.3 61.4 92.2#
39 100.1 36.5 54.7#

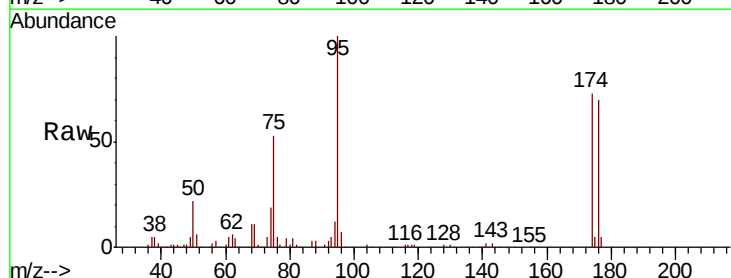


Abundance Ion 69.00 (68.70 to 69.70): VN0
Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

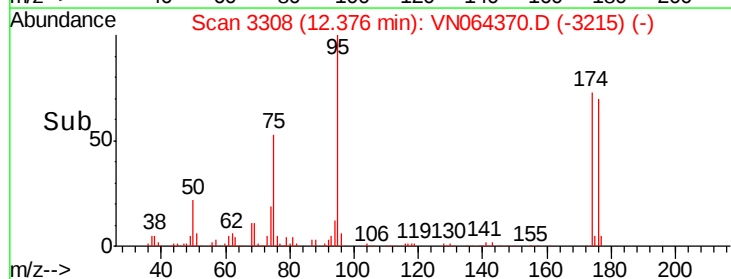
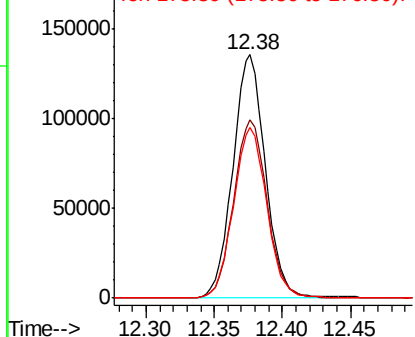


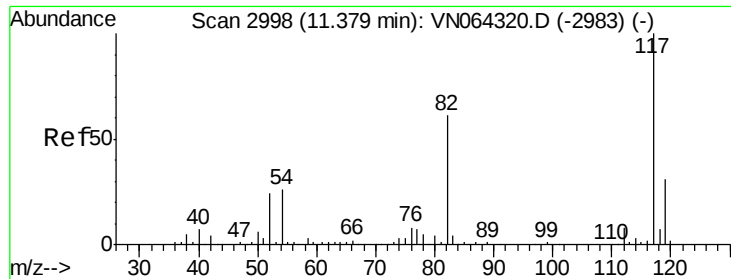
#62
4-Bromofluorobenzene
Concen: 57.372 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064370.D
Acq: 29 Oct 2020 13:47

Tgt Ion: 95 Resp: 224494
Ion Ratio Lower Upper
95 100
174 75.1 0.0 147.4
176 71.5 0.0 143.6



Abundance Ion 94.90 (94.60 to 95.60): VN0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

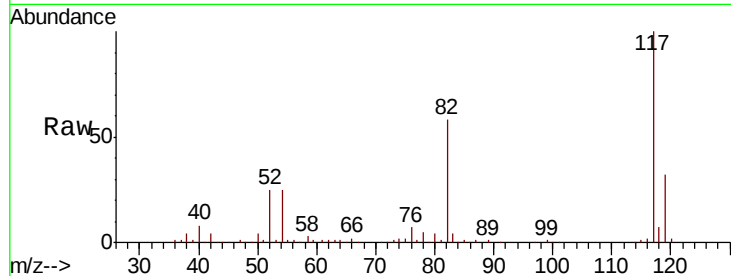




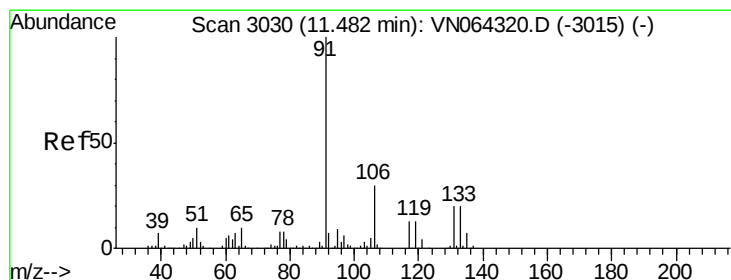
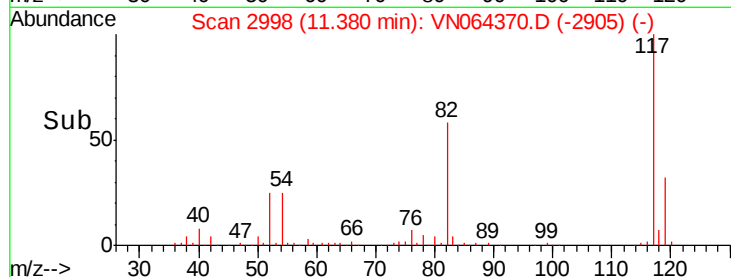
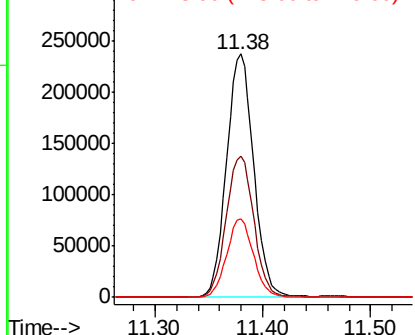
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064370.D
Acq: 29 Oct 2020 13:47

Instrument :
MSVOA_N
ClientSampled :
MW-1

Tot Ion:117 Resp: 416552
Ion Ratio Lower Upper
117 100
82 57.8 48.8 73.2
119 32.1 25.1 37.7

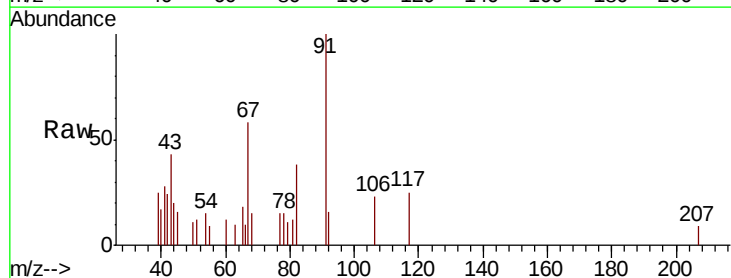


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

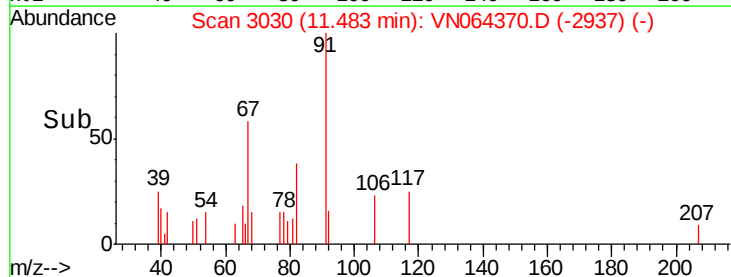
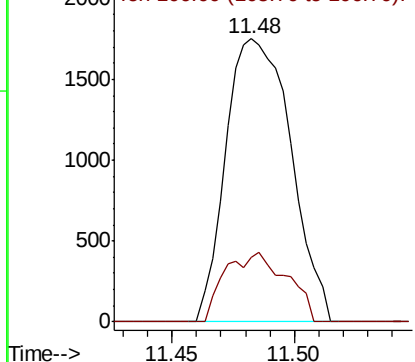


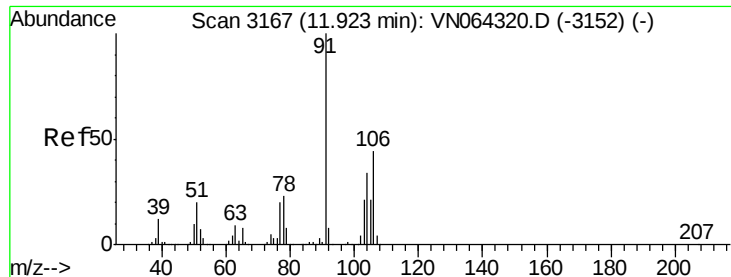
#67
Ethyl Benzene
Concen: 0.207 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064370.D
Acq: 29 Oct 2020 13:47

Tgt Ion: 91 Resp: 3243
Ion Ratio Lower Upper
91 100
106 22.8 23.7 35.5#



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 106.00 (105.70 to 106.70): V

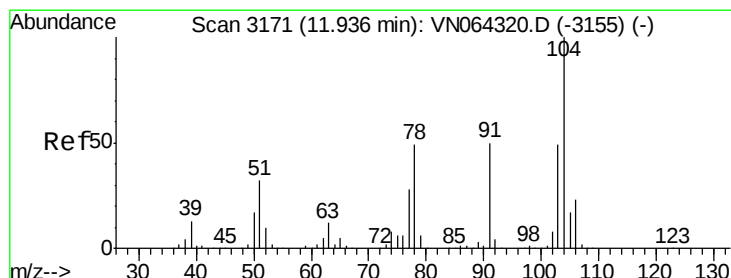
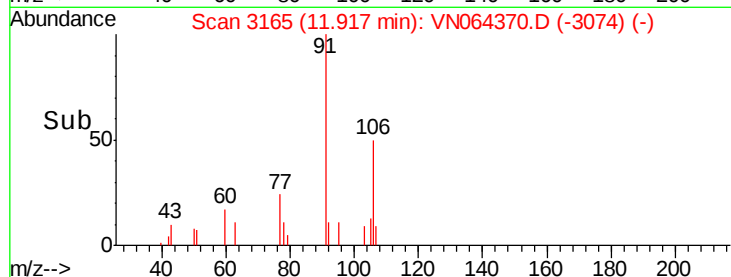
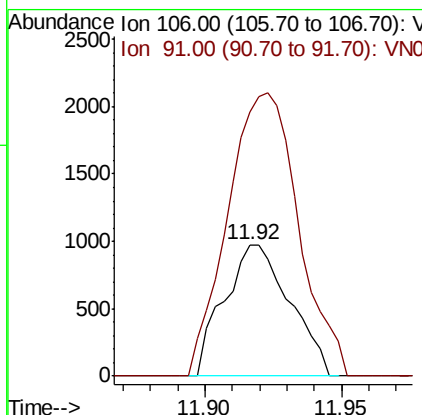
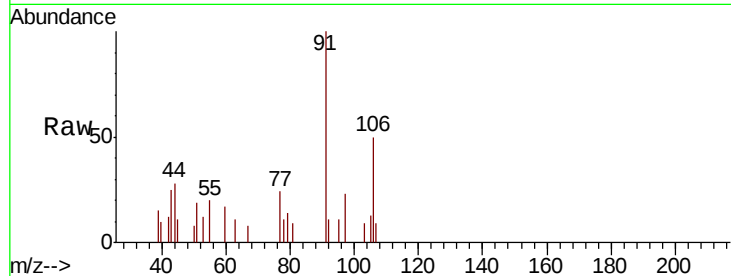




#69
o-Xylene
Concen: 0.291 ug/l
RT: 11.92 min Scan# 3165
Delta R.T. -0.01 min
Lab File: VN064370.D
Acq: 29 Oct 2020 13:47

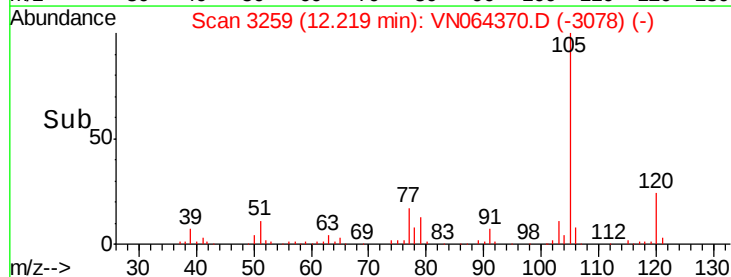
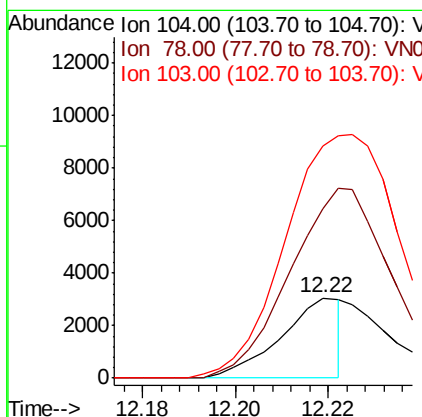
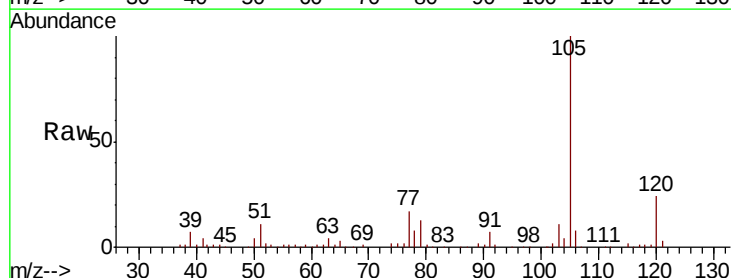
Instrument :
MSVOA_N
ClientSampled :
MW-1

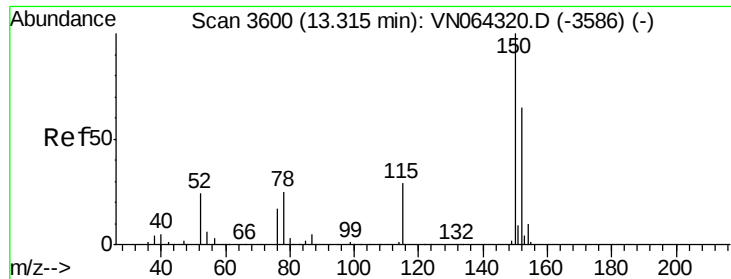
Tot Ion:106 Resp: 1632
Ion Ratio Lower Upper
106 100
91 231.8 114.5 343.5



#70
Styrene
Concen: 0.302 ug/l
RT: 12.22 min Scan# 3259
Delta R.T. 0.28 min
Lab File: VN064370.D
Acq: 29 Oct 2020 13:47

Tgt Ion:104 Resp: 2774
Ion Ratio Lower Upper
104 100
78 0.0 43.7 65.5#
103 0.0 43.3 64.9#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064370.D

Acq: 29 Oct 2020 13:47

Instrument :

MSVOA_N

ClientSampled :

MW-1

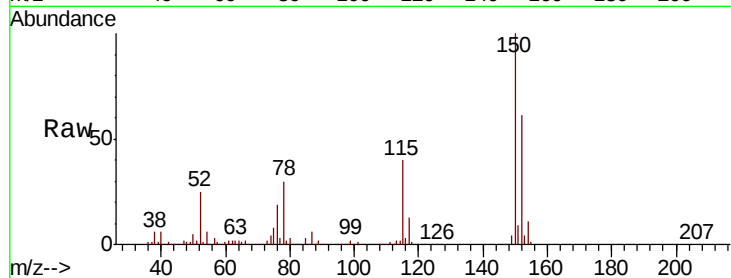
Tot Ion:152 Resp: 190470

Ion Ratio Lower Upper

152 100

115 64.6 31.5 94.5

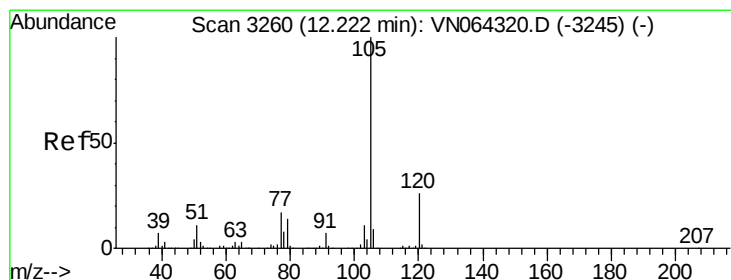
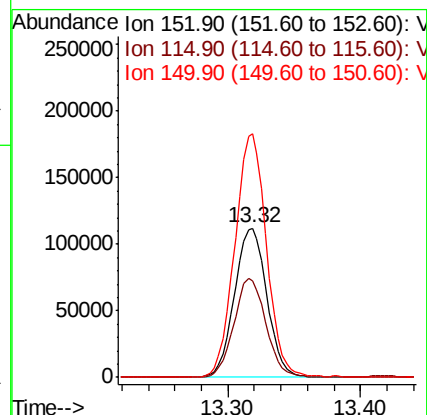
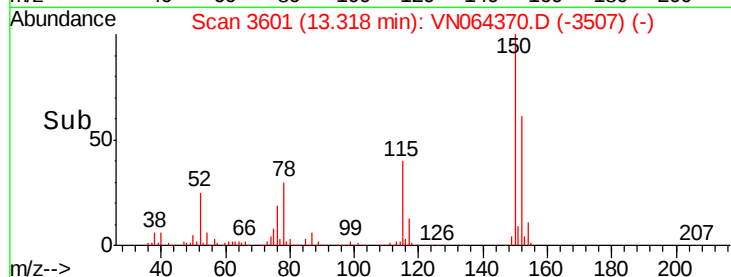
150 158.6 0.0 346.2



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



#73

Isopropylbenzene

Concen: 9.864 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064370.D

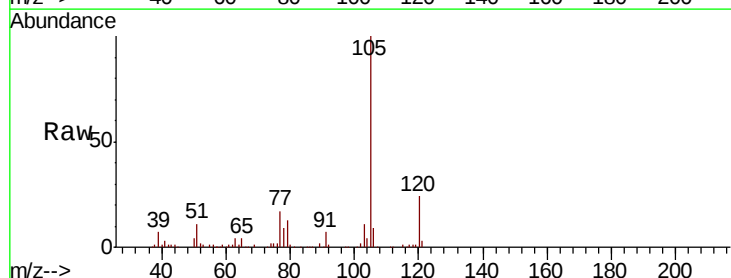
Acq: 29 Oct 2020 13:47

Tgt Ion:105 Resp: 140720

Ion Ratio Lower Upper

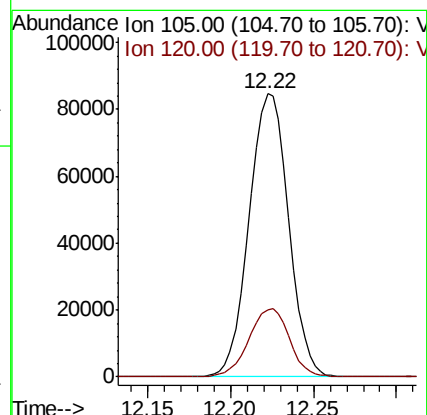
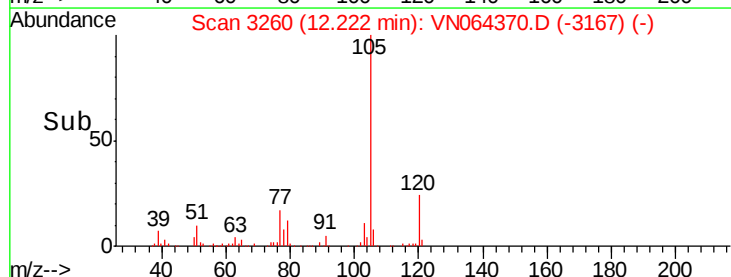
105 100

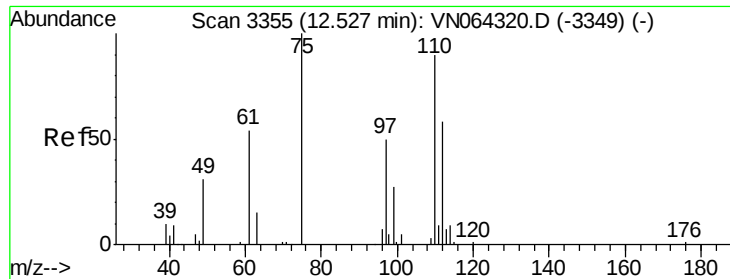
120 24.7 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 27.521 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN064370.D

Acq: 29 Oct 2020 13:47

Instrument :

MSVOA_N

ClientSampled :

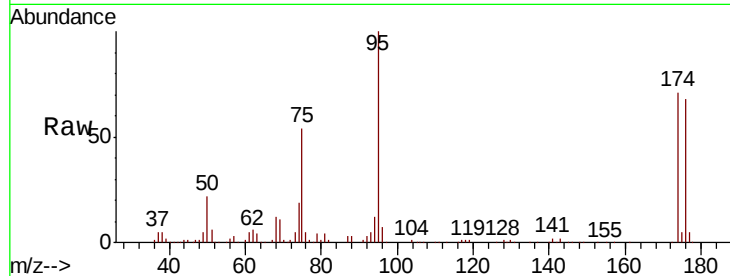
MW-1

Tot Ion: 75 Resp: 125530

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN064370.D (-3307) (-)

Ion 77.00 (76.70 to 77.70): VN064370.D (-3307) (-)

12.37

80000

60000

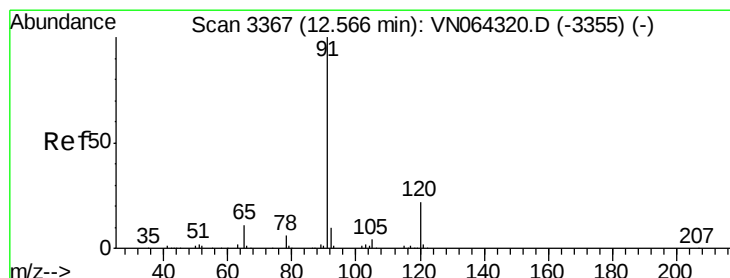
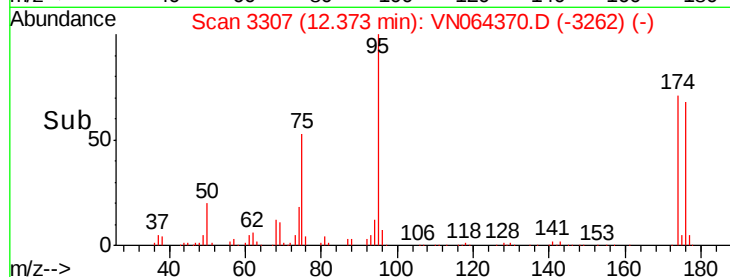
40000

20000

0

12.30 12.35 12.40 12.45

Time-->



#78

n-propylbenzene

Concen: 13.941 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064370.D

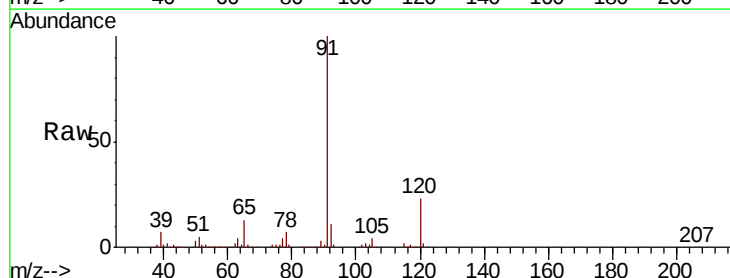
Acq: 29 Oct 2020 13:47

Tgt Ion: 91 Resp: 225154

Ion Ratio Lower Upper

91 100

120 22.6 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN064370.D (-3367) (-)

Ion 120.00 (119.70 to 120.70): VN064370.D (-3367) (-)

12.57

150000

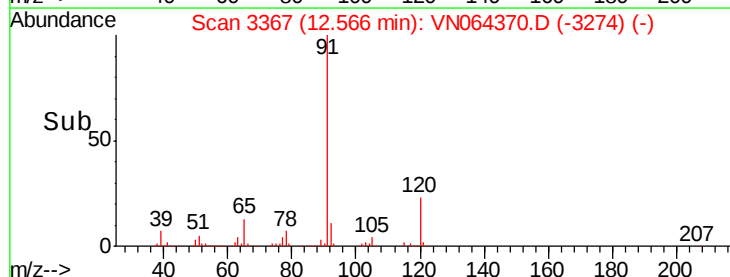
100000

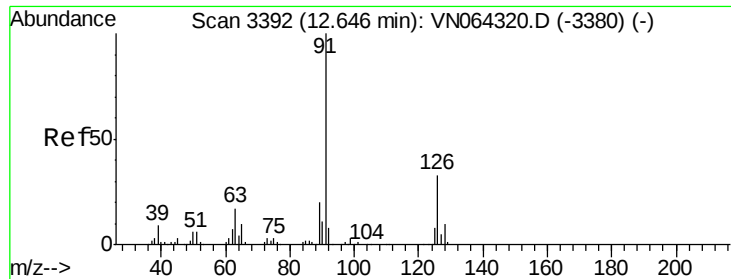
50000

0

12.50 12.55 12.60

Time-->

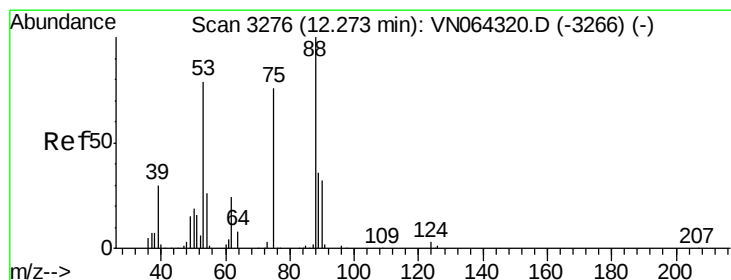
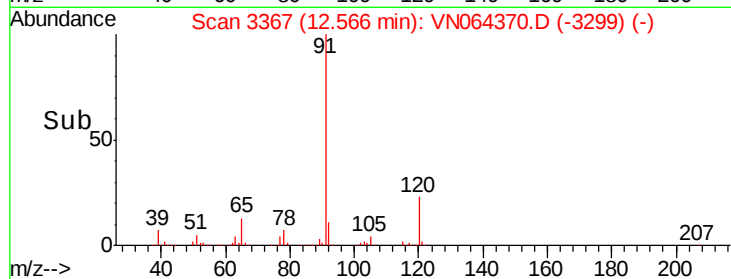
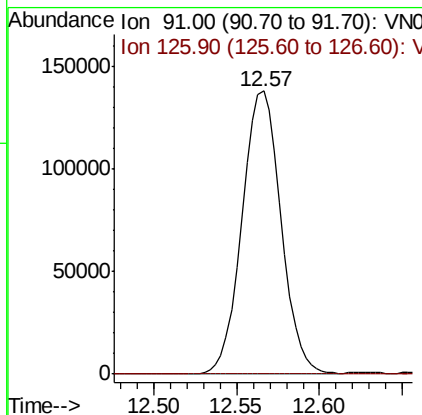
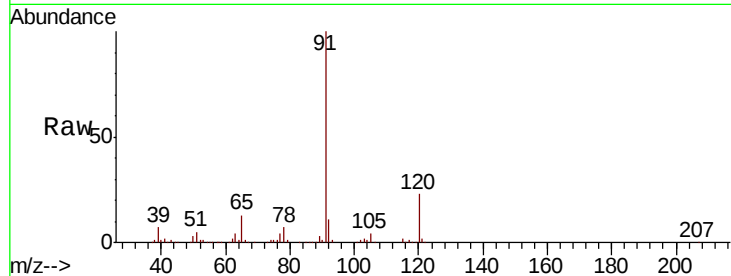




#79
 2-Chlorotoluene
 Concen: 21.808 ug/l
 RT: 12.57 min Scan# 3367
 Delta R.T. -0.08 min
 Lab File: VN064370.D
 Acq: 29 Oct 2020 13:47

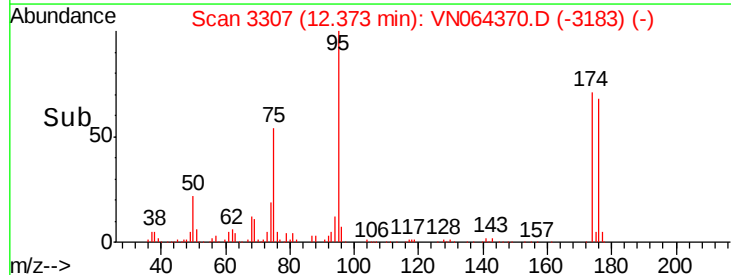
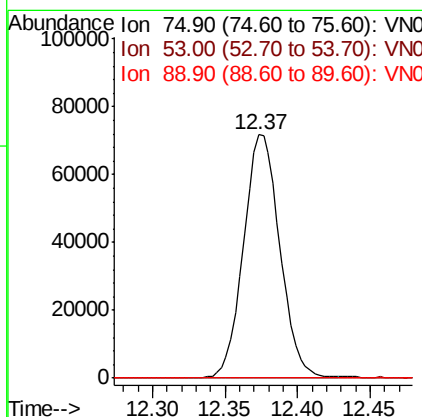
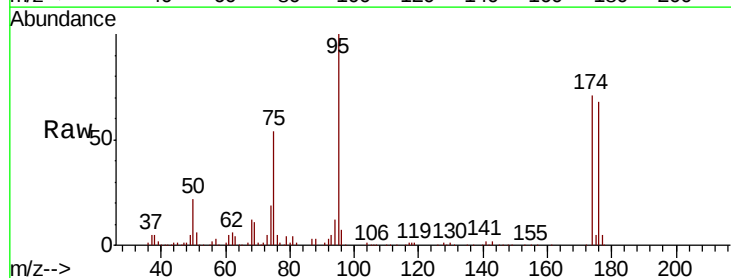
Instrument :
 MSVOA_N
 ClientSampled :
 MW-1

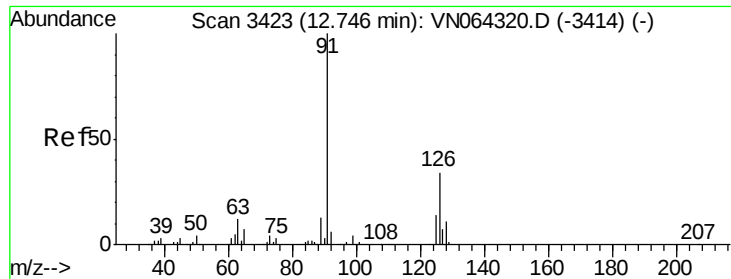
Tot Ion: 91 Resp: 225154
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.2 48.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.275 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. 0.10 min
 Lab File: VN064370.D
 Acq: 29 Oct 2020 13:47

Tgt Ion: 75 Resp: 125530
 Ion Ratio Lower Upper
 75 100
 53 0.1 81.8 122.8#
 89 0.0 39.9 59.9#





#82

4-Chlorotoluene

Concen: 21.407 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.18 min

Lab File: VN064370.D

Acq: 29 Oct 2020 13:47

Instrument :

MSVOA_N

ClientSampled :

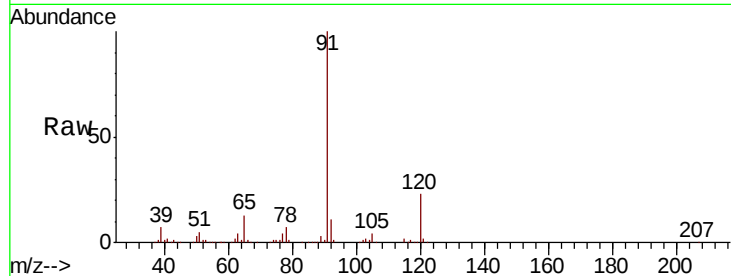
MW-1

Tot Ion: 91 Resp: 225154

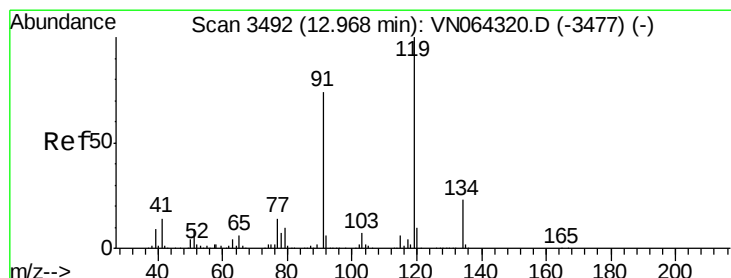
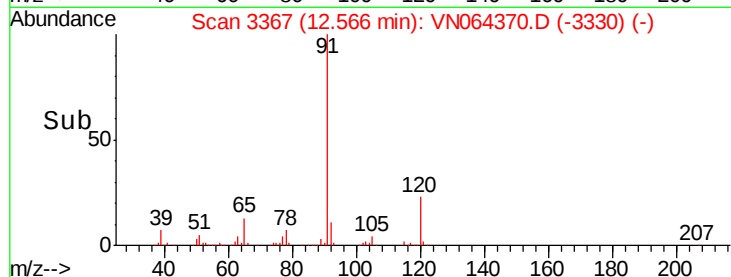
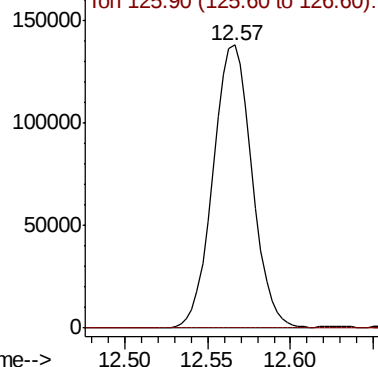
Ion Ratio Lower Upper

91 100

126 0.0 15.8 47.3#



Abundance Ion 91.00 (90.70 to 91.70): VN064370.D (-3367) (-)



#83

tert-Butylbenzene

Concen: 0.362 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN064370.D

Acq: 29 Oct 2020 13:47

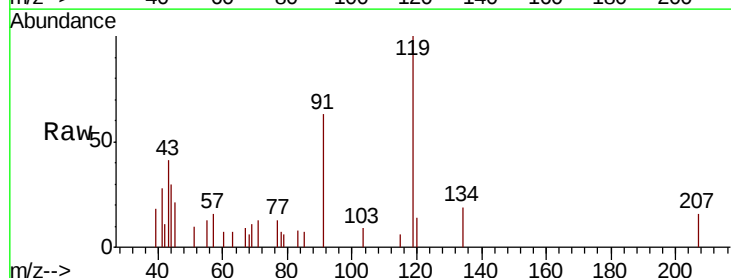
Tgt Ion: 119 Resp: 3581

Ion Ratio Lower Upper

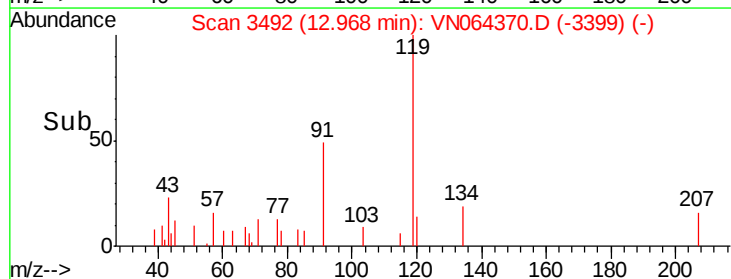
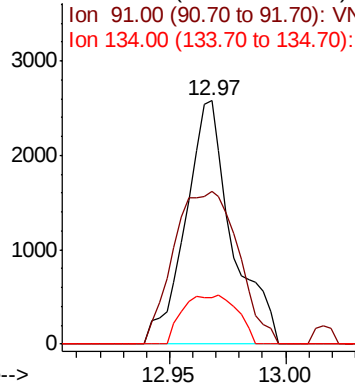
119 100

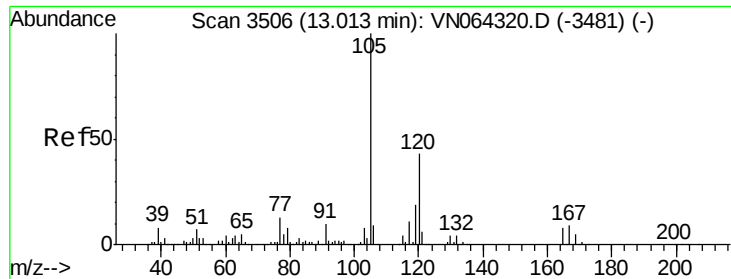
91 87.8 36.4 109.1

134 23.5 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): VN064370.D (-3492) (-)





#84

1,2,4-Trimethylbenzene

Concen: 0.316 ug/l

RT: 12.87 min Scan# 3460

Delta R.T. -0.15 min

Lab File: VN064370.D

Acq: 29 Oct 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

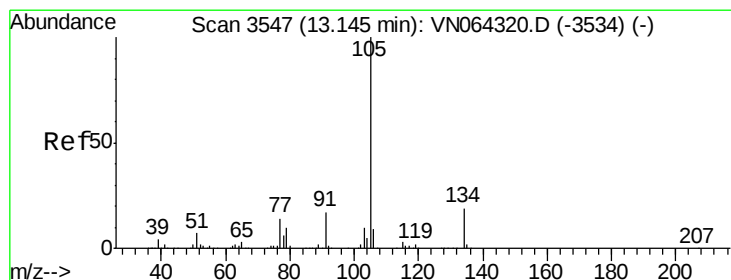
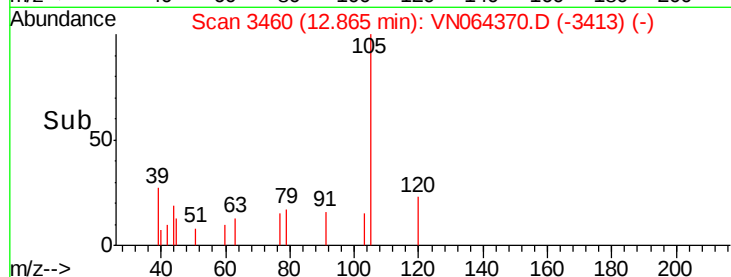
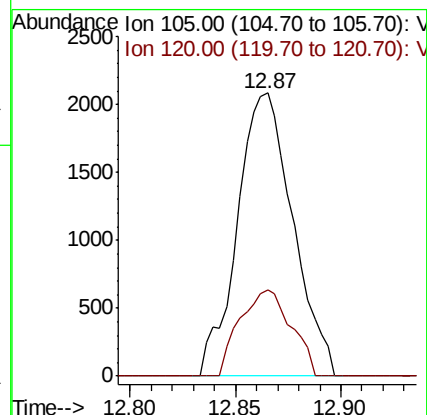
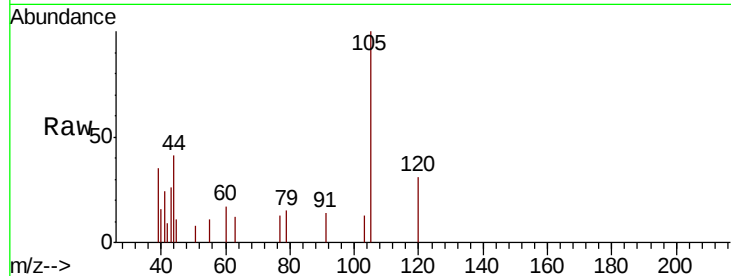
MW-1

Tot Ion:105 Resp: 3815

Ion Ratio Lower Upper

105 100

120 28.2 21.3 64.0



#85

sec-Butylbenzene

Concen: 5.514 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064370.D

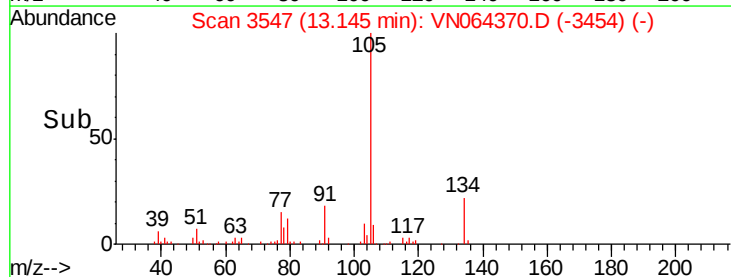
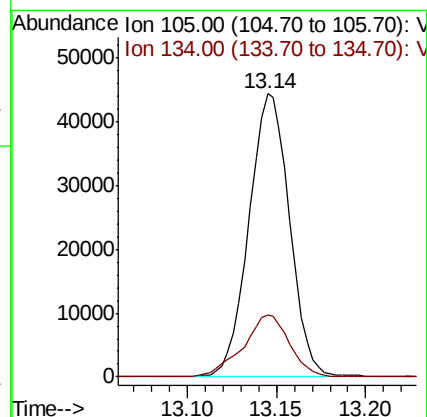
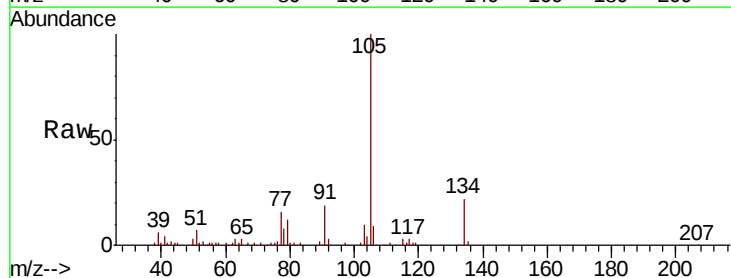
Acq: 29 Oct 2020 13:47

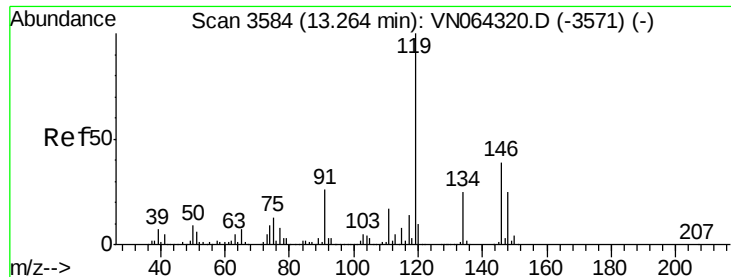
Tgt Ion:105 Resp: 70674

Ion Ratio Lower Upper

105 100

134 24.8 9.6 28.8

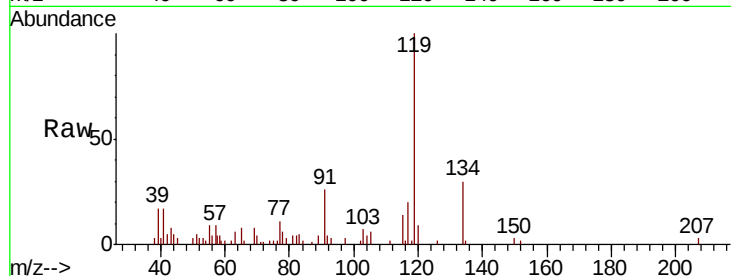




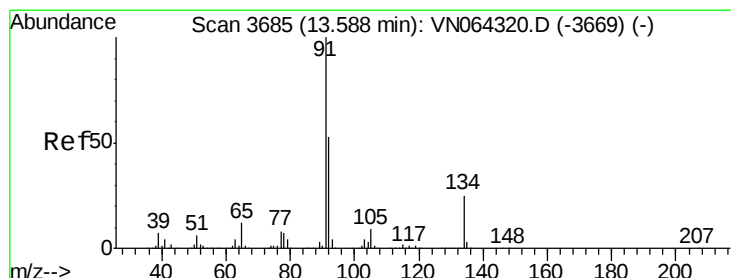
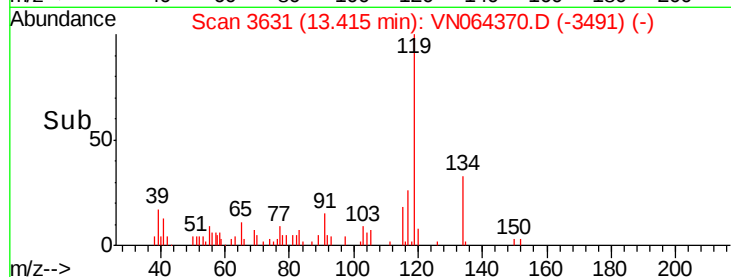
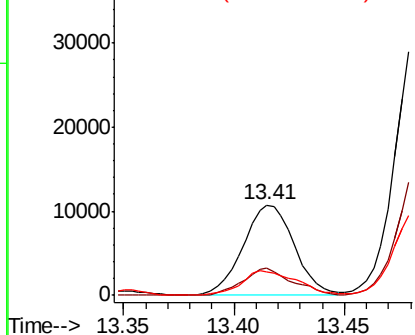
#86
 p-Isopropyltoluene
 Concen: 1.503 ug/l
 RT: 13.41 min Scan# 3631
 Delta R.T. 0.15 min
 Lab File: VN064370.D
 Acq: 29 Oct 2020 13:47

Instrument :
 MSVOA_N
 ClientSampled :
 MW-1

Tot Ion:119 Resp: 17358
 Ion Ratio Lower Upper
 119 100
 134 28.8 12.8 38.4
 91 29.7 13.0 38.9

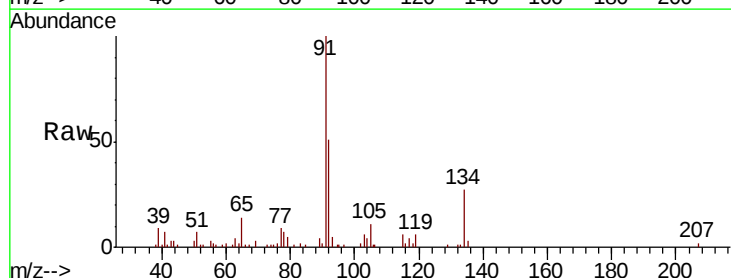


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

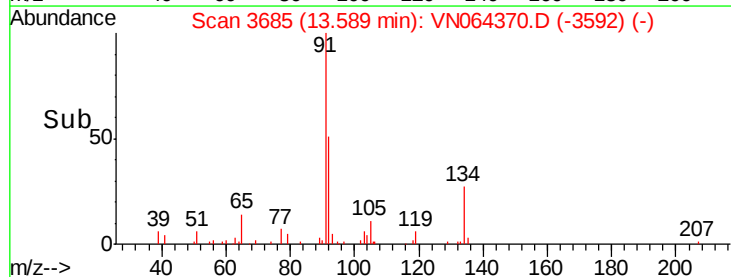
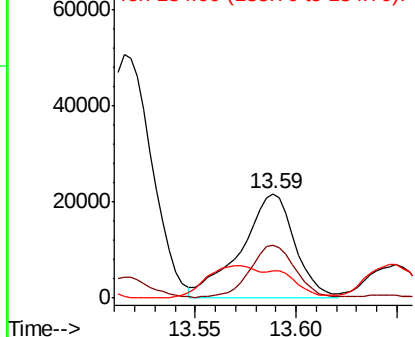


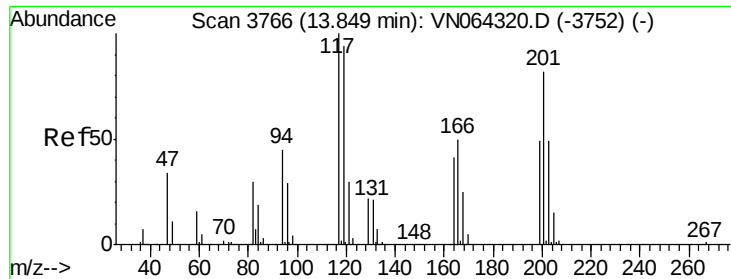
#89
 n-Butylbenzene
 Concen: 3.937 ug/l
 RT: 13.59 min Scan# 3685
 Delta R.T. 0.00 min
 Lab File: VN064370.D
 Acq: 29 Oct 2020 13:47

Tgt Ion: 91 Resp: 40049
 Ion Ratio Lower Upper
 91 100
 92 42.7 26.2 78.5
 134 32.4 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 92.00 (91.70 to 92.70): V
 Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 11.120 ug/l

RT: 13.86 min Scan# 3770

Delta R.T. 0.01 min

Lab File: VN064370.D

Acq: 29 Oct 2020 13:47

Instrument :

MSVOA_N

ClientSampled :

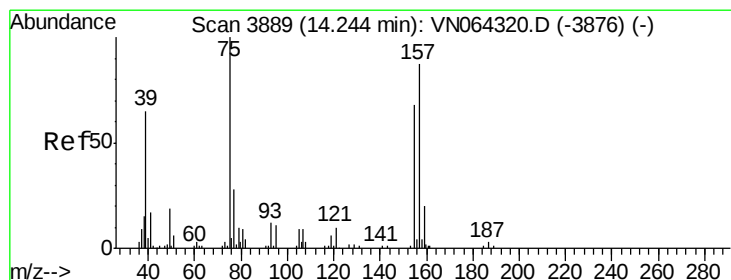
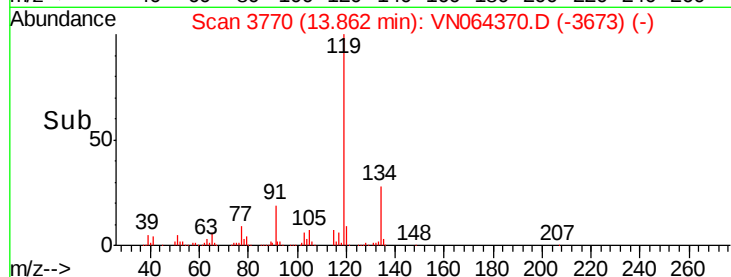
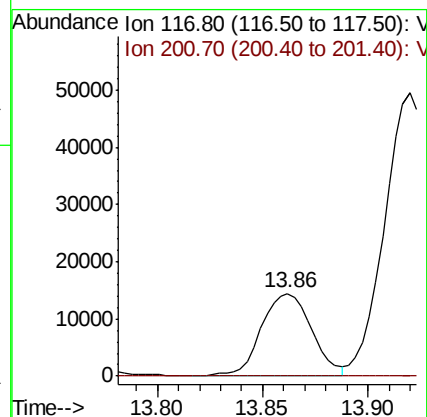
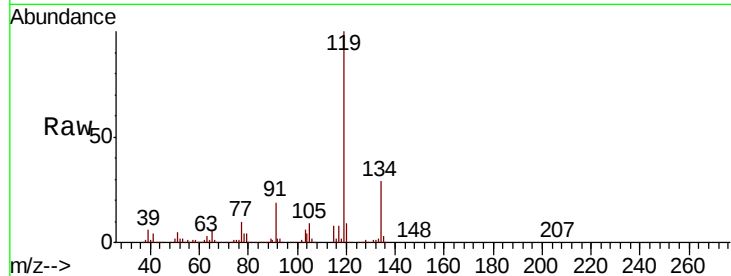
MW-1

Tot Ion:117 Resp: 24116

Ion Ratio Lower Upper

117 100

201 0.0 39.8 119.3#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.266 ug/l

RT: 14.28 min Scan# 3900

Delta R.T. 0.04 min

Lab File: VN064370.D

Acq: 29 Oct 2020 13:47

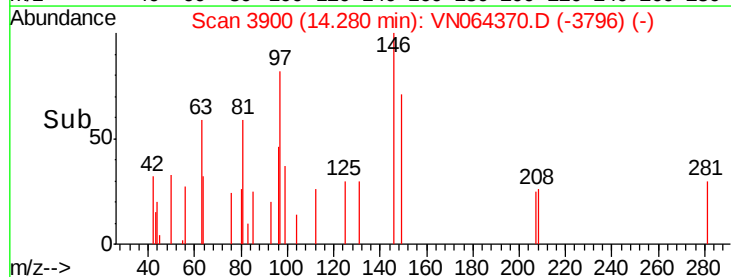
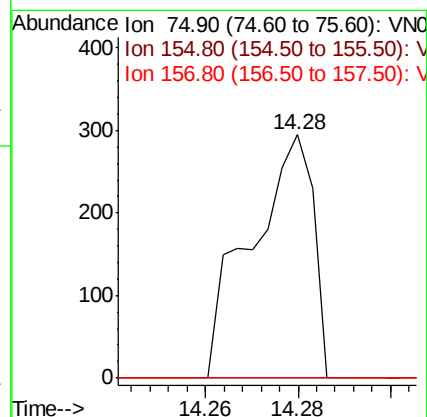
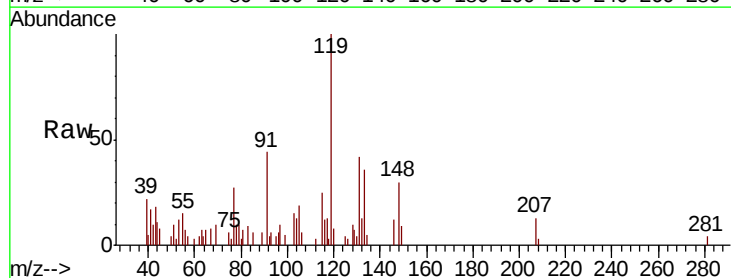
Tgt Ion: 75 Resp: 274

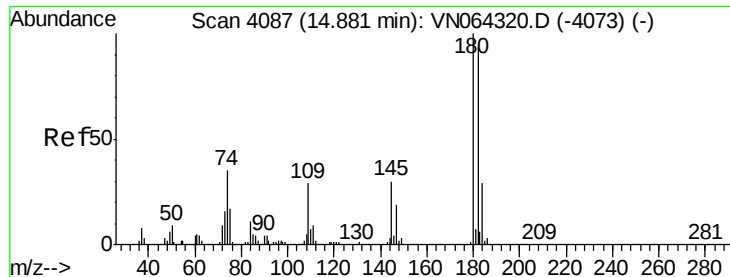
Ion Ratio Lower Upper

75 100

155 0.0 35.1 105.5#

157 0.0 43.2 129.6#





#93

1,2,4-Trichlorobenzene

Concen: 2.116 ug/l

RT: 14.89 min Scan# 4089

Delta R.T. 0.01 min

Lab File: VN064370.D

Acq: 29 Oct 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

MW-1

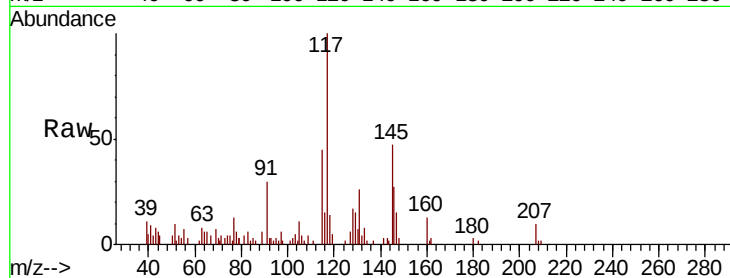
Tot Ion:180 Resp: 359

Ion Ratio Lower Upper

180 100

182 31.8 46.6 139.7#

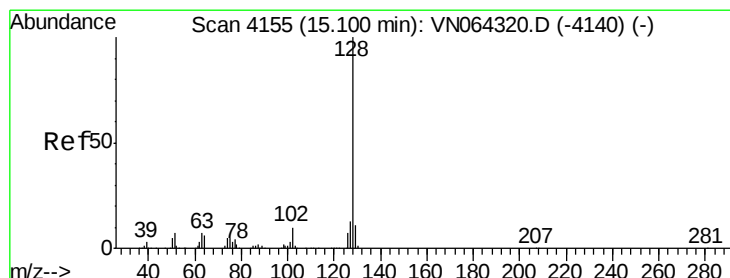
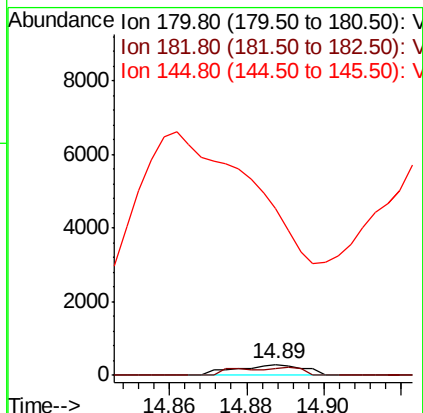
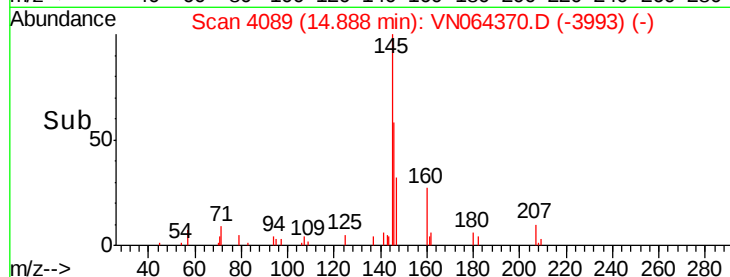
145 0.0 15.3 45.9#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95

Naphthalene

Concen: 2.936 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN064370.D

Acq: 29 Oct 2020 13:47

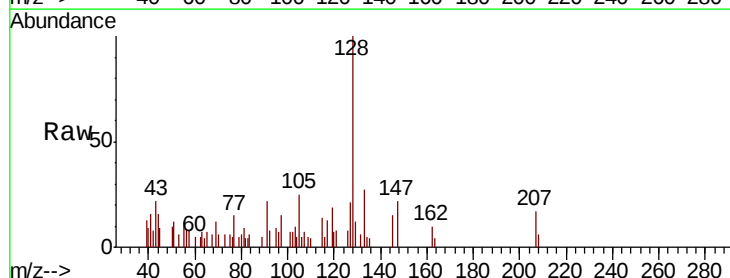
Tgt Ion:128 Resp: 6150

Ion Ratio Lower Upper

128 100

127 17.8 10.4 15.6#

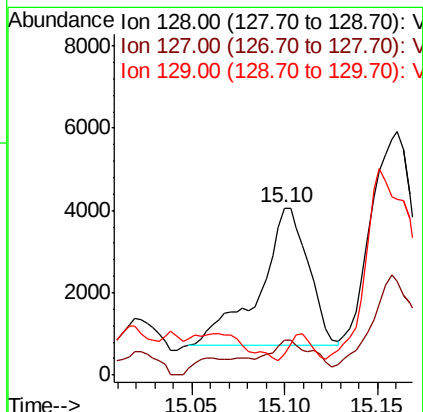
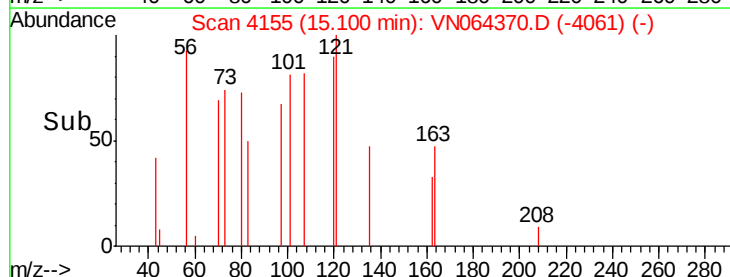
129 0.0 8.6 13.0#

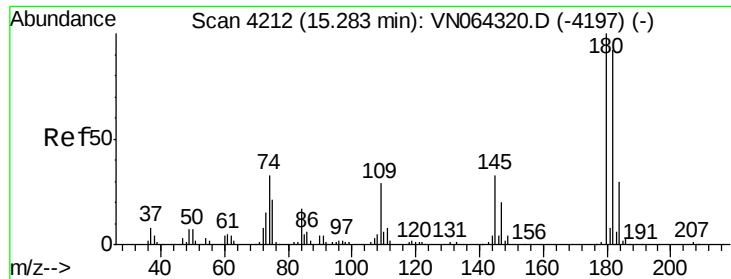


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 2.275 ug/l
 RT: 15.28 min Scan# 4210
 Delta R.T. -0.01 min
 Lab File: VN064370.D
 Acq: 29 Oct 2020 13:47

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Tot Ion:180 Resp: 329
 Ion Ratio Lower Upper
 180 100
 182 134.7 46.1 138.3
 145 0.0 16.2 48.5#

