

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101220\
 Data File : VN064083.D
 Acq On : 12 Oct 2020 17:26
 Operator : JC/MD
 Sample : L4281-03
 Misc : 5.08g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 49-93ME

Quant Time: Oct 13 01:08:46 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	7.62	168	213629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	393737	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	400450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	181995	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	181431	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
35) Dibromofluoromethane	7.55	113	127307	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
50) Toluene-d8	10.06	98	495678	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
62) 4-Bromofluorobenzene	12.38	95	200426	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	

Target Compounds

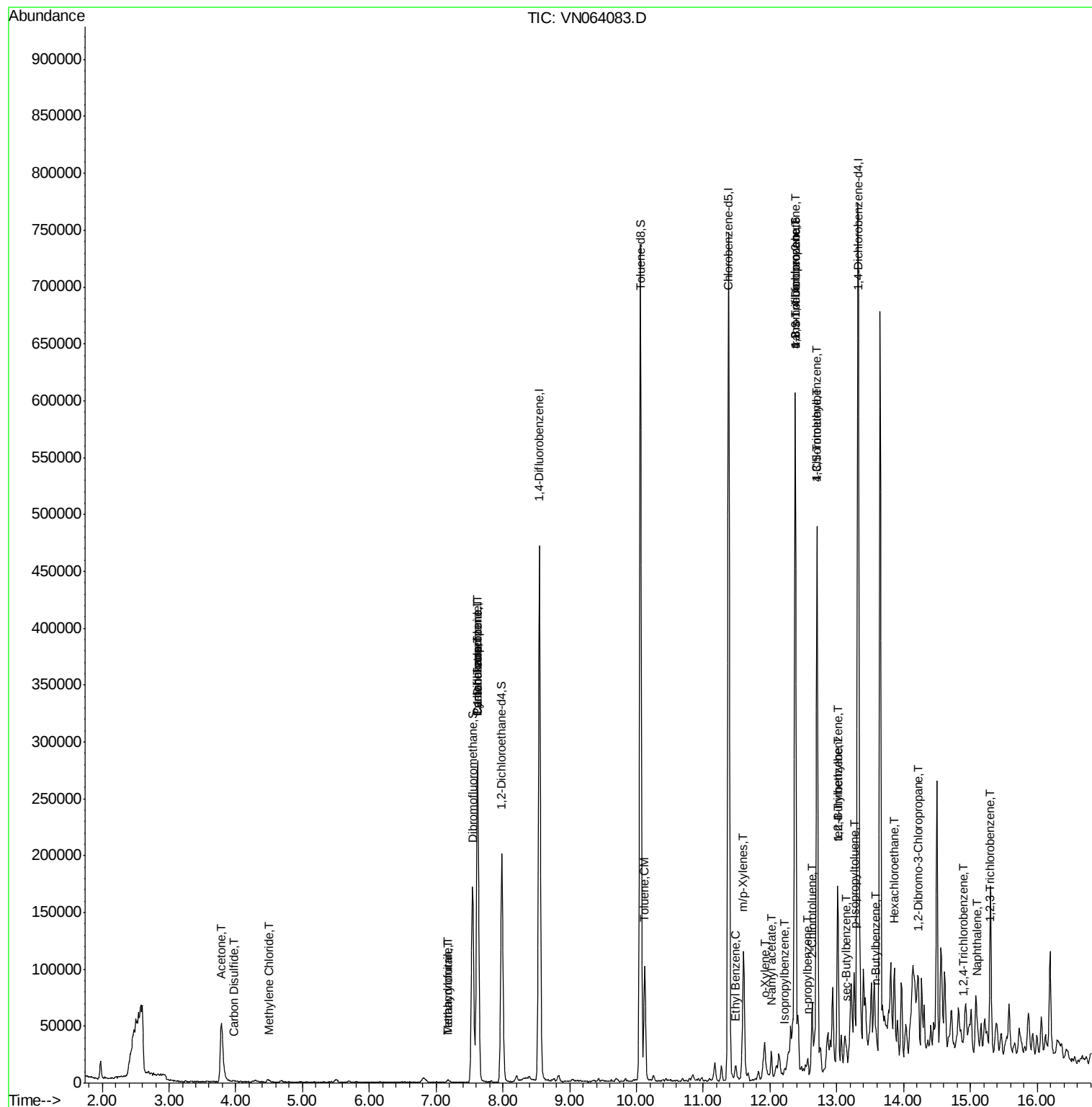
						Qvalue
16) Acetone	3.79	43	102477	94.324	ug/l	100
17) Carbon Disulfide	3.97	76	728	0.824	ug/l #	76
20) Methylene Chloride	4.50	84	782	0.412	ug/l #	73
29) Tetrahydrofuran	7.18	42	2218	2.147	ug/l #	66
31) Cyclohexane	7.62	56	5722	1.397	ug/l #	9
36) 1,1-Dichloropropene	7.63	75	19198	4.813	ug/l #	50
38) Carbon Tetrachloride	7.62	117	22703	5.076	ug/l #	15
41) Methacrylonitrile	7.17	41	1200	0.681	ug/l #	45
52) Toluene	10.13	92	38694	5.491	ug/l	99
67) Ethyl Benzene	11.49	91	9674	0.647	ug/l #	87
68) m/p-Xylenes	11.59	106	15186	2.726	ug/l	99
69) o-Xylene	11.92	106	6826	1.311	ug/l	95
73) Isopropylbenzene	12.23	105	2972	0.224	ug/l	76
74) N-amyl acetate	12.02	43	5667	3.094	ug/l #	70
76) 1,2,3-Trichloropropane	12.38	75	111599	27.817	ug/l #	100
78) n-propylbenzene	12.57	91	12581	0.814	ug/l	96
79) 2-Chlorotoluene	12.63	91	5297	0.557	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.71	105	28687	2.576	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	111599	80.118	ug/l #	6
82) 4-Chlorotoluene	12.71	91	3154	0.320	ug/l #	44
83) tert-Butylbenzene	13.02	119	10509	1.154	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.02	105	83951	7.550	ug/l	96
85) sec-Butylbenzene	13.15	105	6993	0.584	ug/l	91
86) p-Isopropyltoluene	13.26	119	6204	0.586	ug/l	92
89) n-Butylbenzene	13.59	91	8907	0.912	ug/l #	74
90) Hexachloroethane	13.86	117	2875	1.402	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.23	75	336	0.353	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.89	180	302	1.828	ug/l #	1
95) Naphthalene	15.11	128	9749	2.879	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.28	180	419	1.700	ug/l #	1

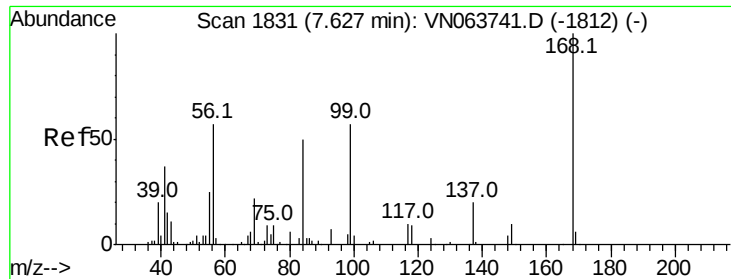
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VN064083.D

Acq: 12 Oct 2020 17:26

Instrument :

MSVOA_N

ClientSampled :

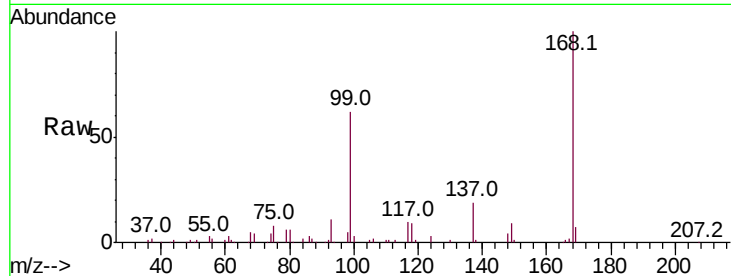
49-93ME

Tot Ion:168 Resp: 213629

Ion Ratio Lower Upper

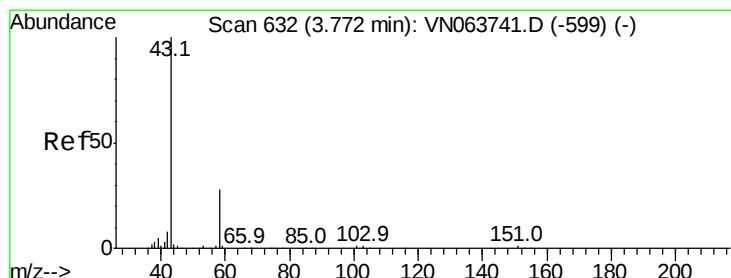
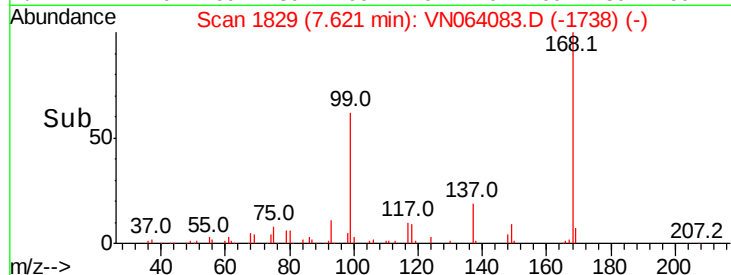
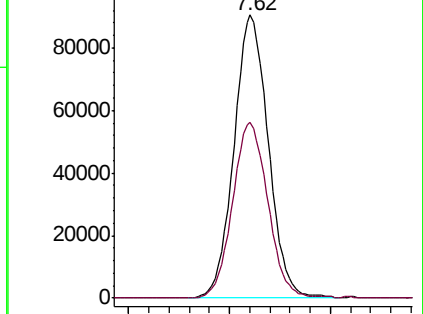
168 100

99 62.0 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 94.324 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.02 min

Lab File: VN064083.D

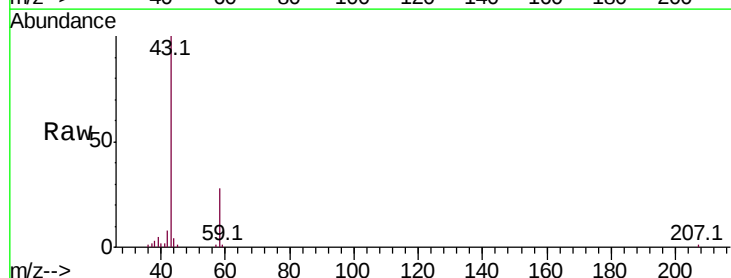
Acq: 12 Oct 2020 17:26

Tgt Ion: 43 Resp: 102477

Ion Ratio Lower Upper

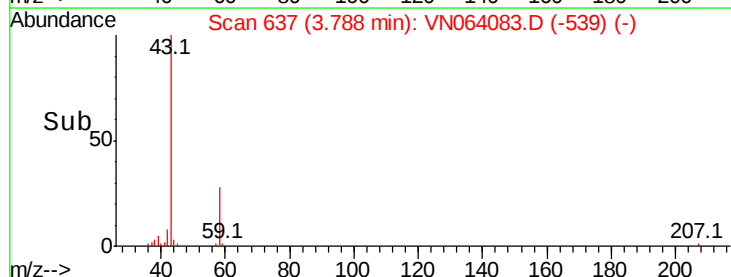
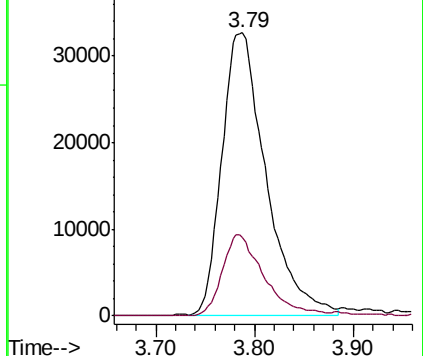
43 100

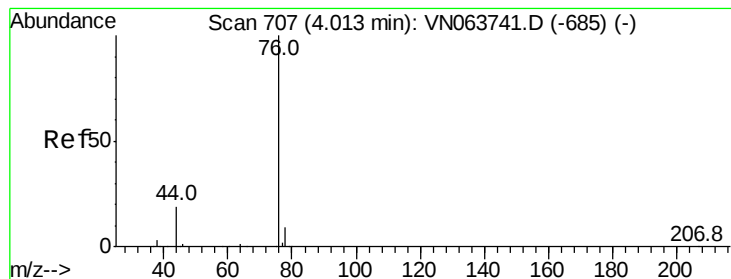
58 27.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#17

Carbon Disulfide

Concen: 0.824 ug/l

RT: 3.97 min Scan# 695

Delta R.T. -0.04 min

Lab File: VN064083.D

Acq: 12 Oct 2020 17:26

Instrument :

MSVOA_N

ClientSampled :

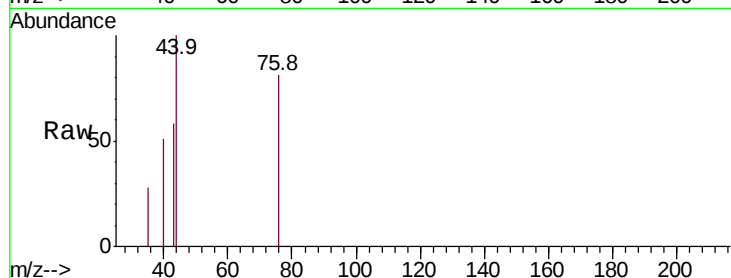
49-93ME

Tot Ion: 76 Resp: 728

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC

3.97

500

400

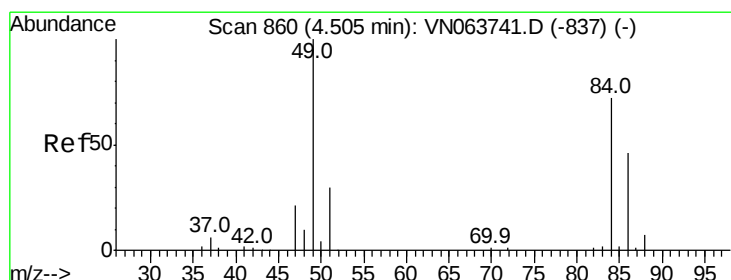
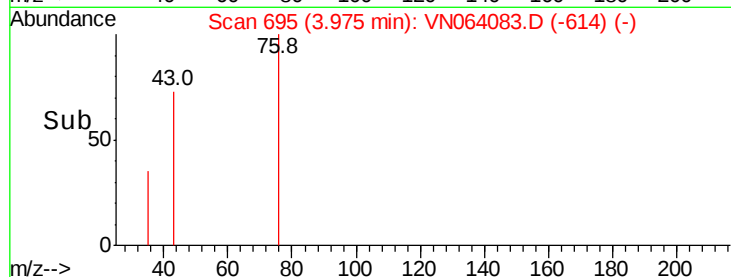
300

200

100

0

Time-->



#20

Methylene Chloride

Concen: 0.412 ug/l

RT: 4.50 min Scan# 857

Delta R.T. -0.01 min

Lab File: VN064083.D

Acq: 12 Oct 2020 17:26

Tgt Ion: 84 Resp: 782

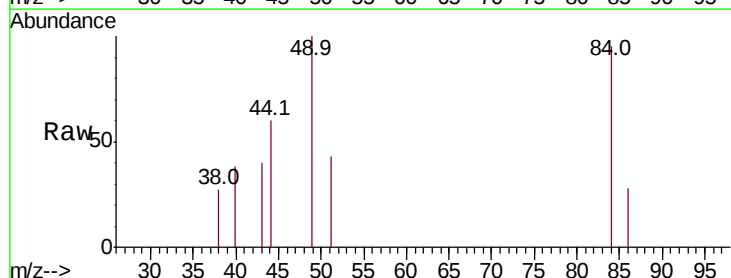
Ion Ratio Lower Upper

84 100

49 105.8 110.4 165.6#

51 45.1 33.3 49.9

86 29.7 50.7 76.1#



Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC

1000

800

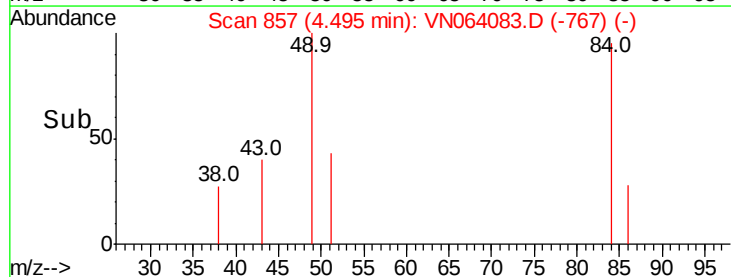
600

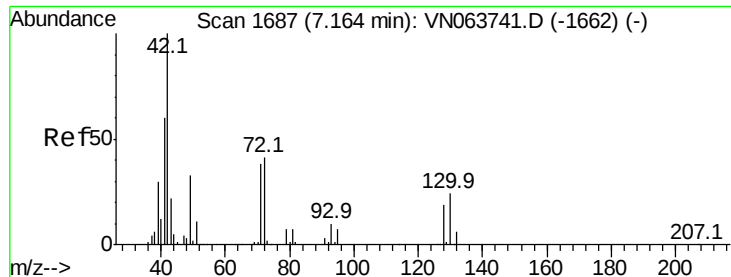
400

200

0

Time-->





#29

Tetrahydrofuran

Concen: 2.147 ug/l

RT: 7.18 min Scan# 1693

Delta R.T. 0.02 min

Lab File: VN064083.D

Acq: 12 Oct 2020 17:26

Instrument :

MSVOA_N

ClientSampleId :

49-93ME

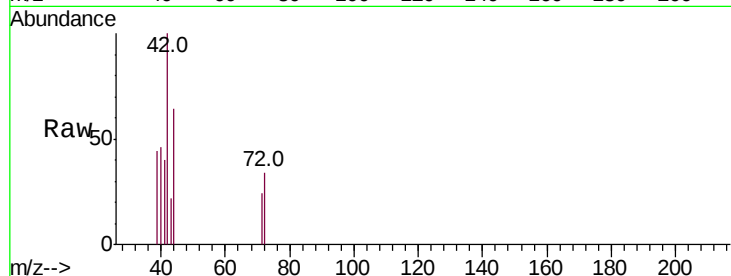
Tot Ion: 42 Resp: 2218

Ion Ratio Lower Upper

42 100

72 22.9 32.8 49.2#

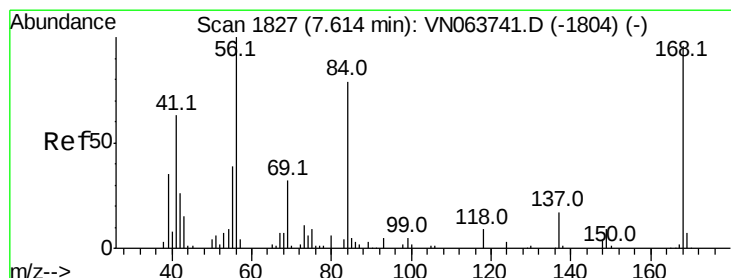
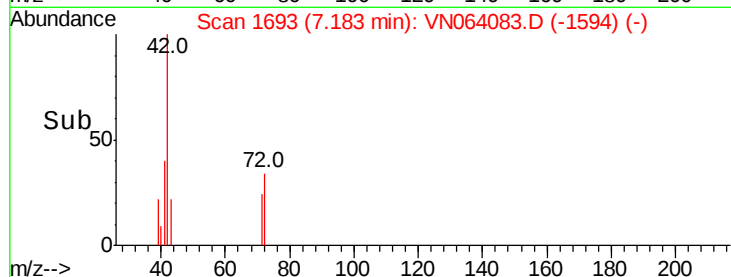
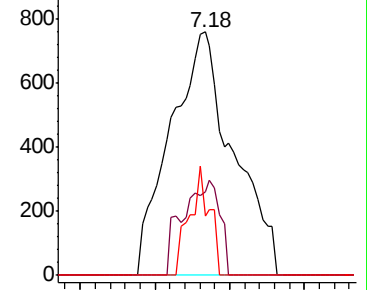
71 14.2 30.6 45.8#



Abundance Ion 42.00 (41.70 to 42.70): VN063741.D (-1662) (-)

Ion 72.00 (71.70 to 72.70): VN063741.D (-1662) (-)

Ion 71.00 (70.70 to 71.70): VN063741.D (-1662) (-)



#31

Cyclohexane

Concen: 1.397 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN064083.D

Acq: 12 Oct 2020 17:26

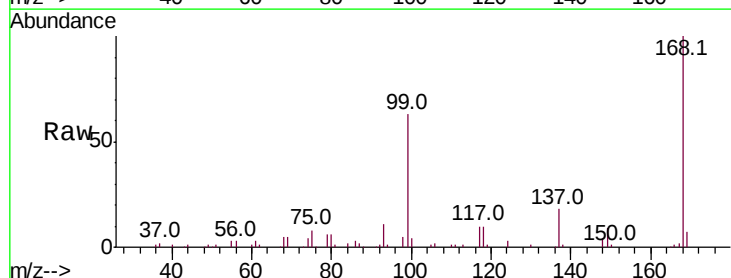
Tgt Ion: 56 Resp: 5722

Ion Ratio Lower Upper

56 100

69 180.4 25.4 38.2#

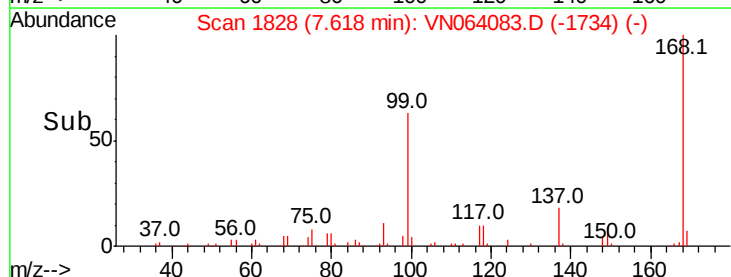
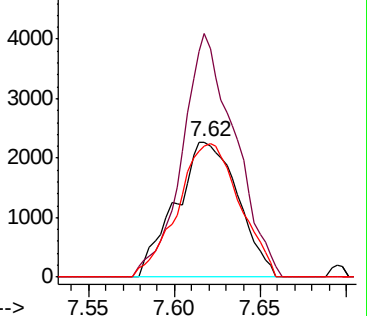
84 96.8 63.3 94.9#

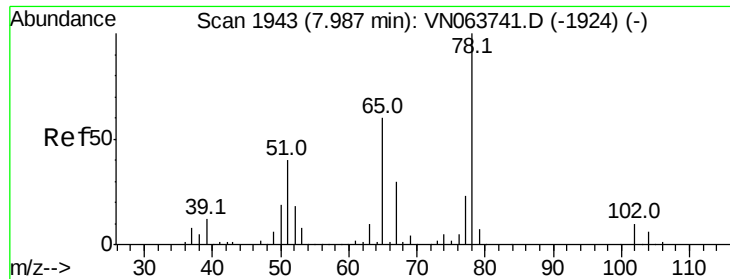


Abundance Ion 56.00 (55.70 to 56.70): VN063741.D (-1804) (-)

Ion 69.00 (68.70 to 69.70): VN063741.D (-1804) (-)

Ion 84.00 (83.70 to 84.70): VN063741.D (-1804) (-)

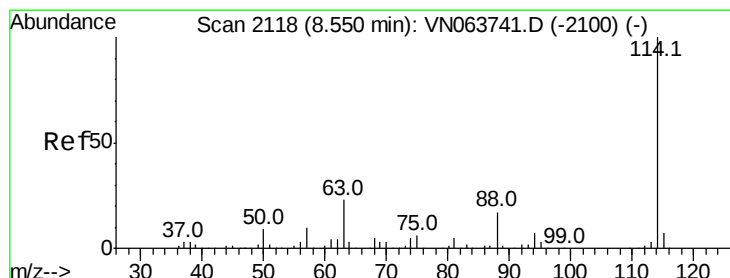
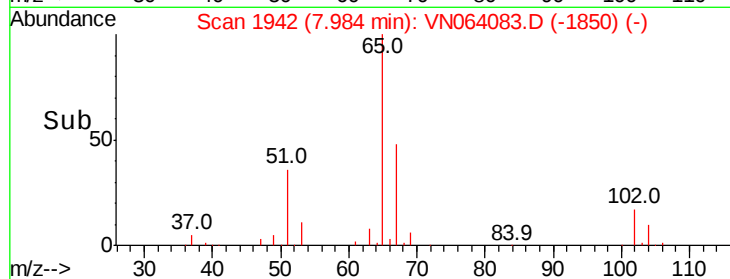
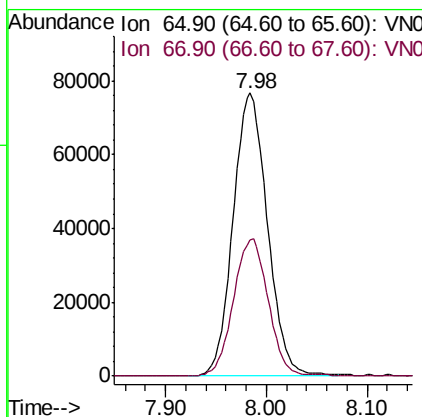
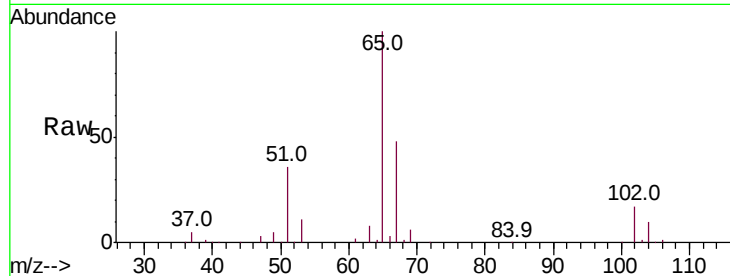




#33
 1,2-Dichloroethane-d4
 Concen: 51.407 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064083.D
 Acq: 12 Oct 2020 17:26

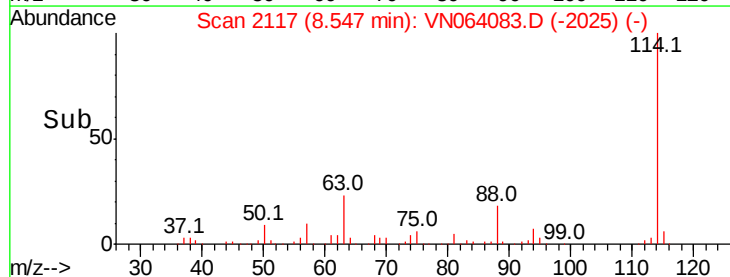
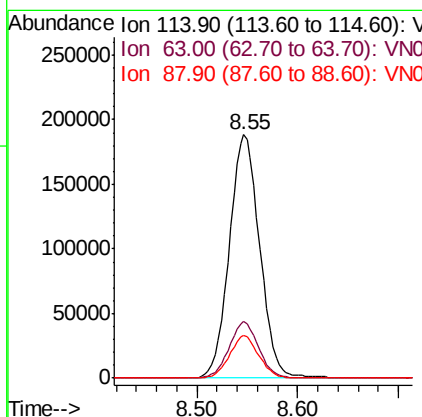
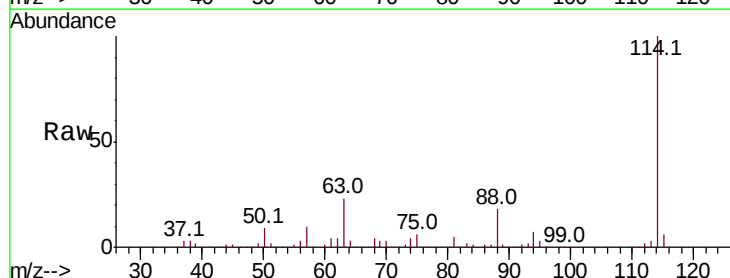
Instrument :
 MSVOA_N
 ClientSampleId :
 49-93ME

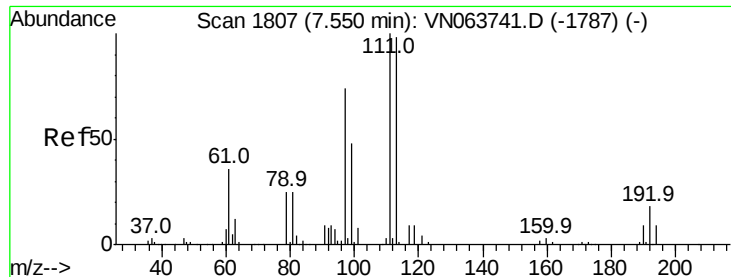
Tot Ion: 65 Resp: 181431
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064083.D
 Acq: 12 Oct 2020 17:26

Tgt Ion: 114 Resp: 393737
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 45.0
 88 17.7 0.0 34.0





#35

Dibromofluoromethane

Concen: 46.598 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN064083.D

Acq: 12 Oct 2020 17:26

Instrument :

MSVOA_N

ClientSampleId :

49-93ME

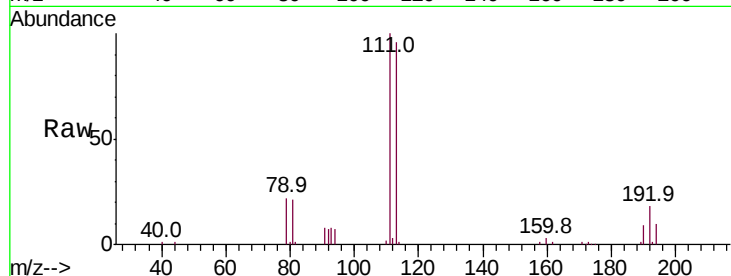
Tot Ion:113 Resp: 127307

Ion Ratio Lower Upper

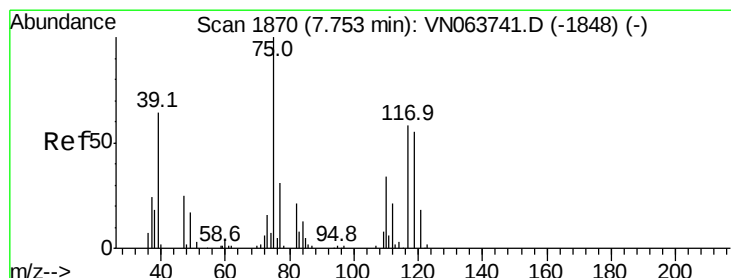
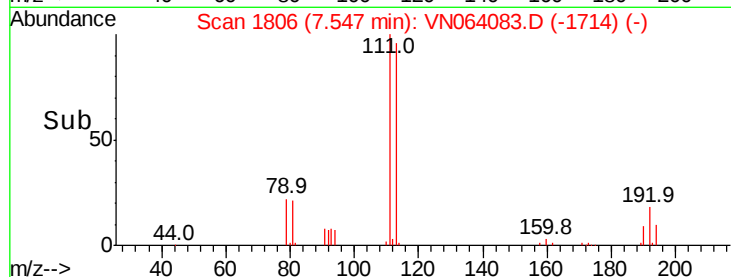
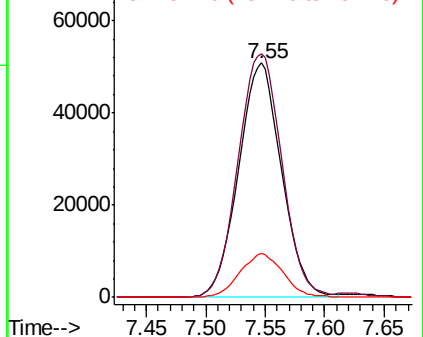
113 100

111 105.9 81.8 122.8

192 18.8 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: 4.813 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN064083.D

Acq: 12 Oct 2020 17:26

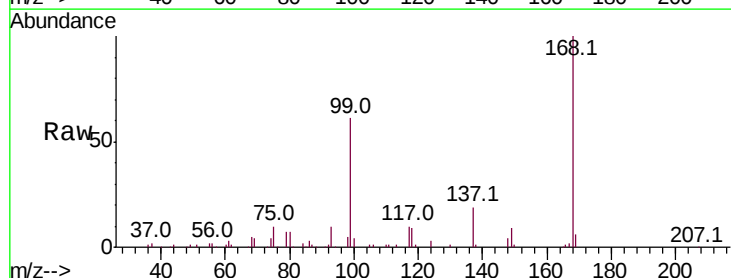
Tgt Ion: 75 Resp: 19198

Ion Ratio Lower Upper

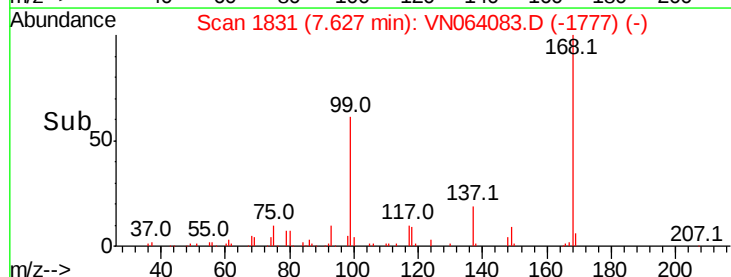
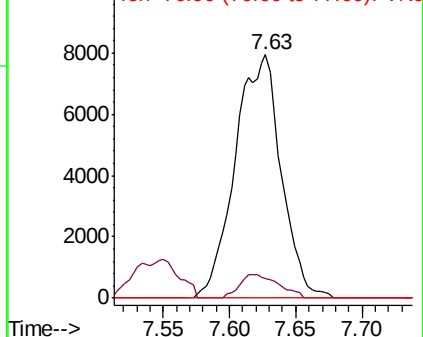
75 100

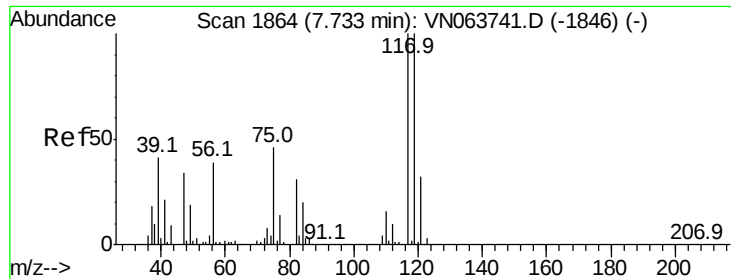
110 8.2 16.9 50.6#

77 0.0 24.5 36.7#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 5.076 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.11 min

Lab File: VN064083.D

Acq: 12 Oct 2020 17:26

Instrument :

MSVOA_N

ClientSampleId :

49-93ME

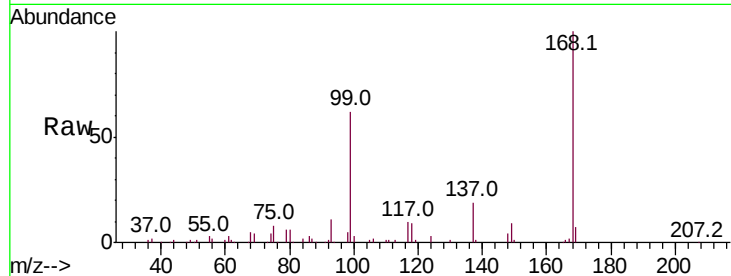
Tot Ion:117 Resp: 22703

Ion Ratio Lower Upper

117 100

119 6.5 80.1 120.1#

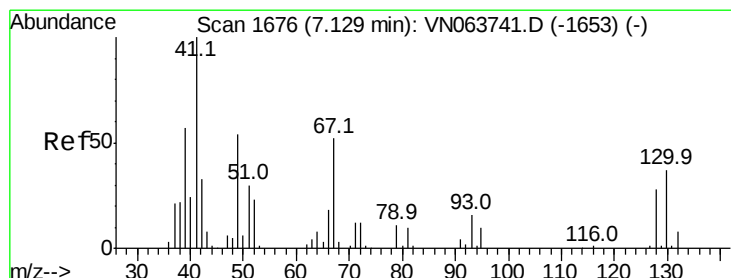
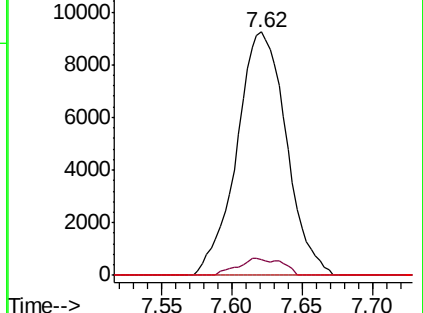
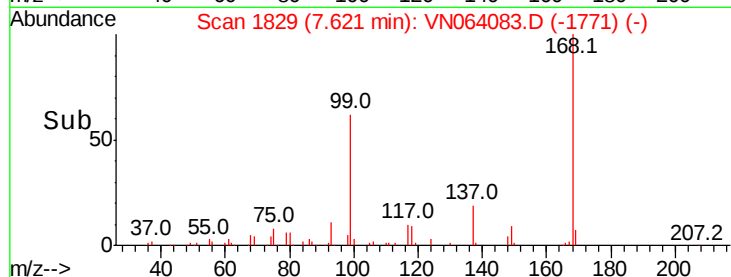
121 0.0 25.7 38.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 0.681 ug/l

RT: 7.17 min Scan# 1689

Delta R.T. 0.04 min

Lab File: VN064083.D

Acq: 12 Oct 2020 17:26

Tgt Ion: 41 Resp: 1200

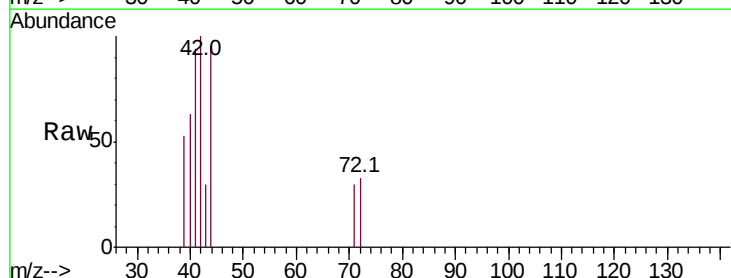
Ion Ratio Lower Upper

41 100

39 46.3 42.5 63.7

67 0.0 57.4 86.2#

52 0.0 26.9 40.3#

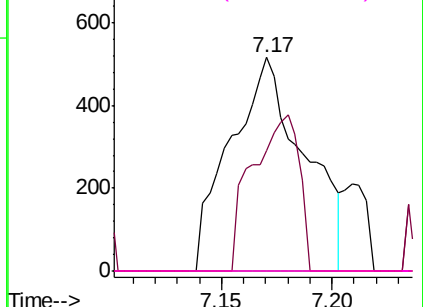
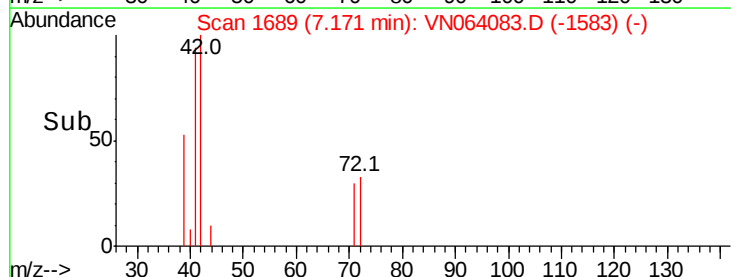


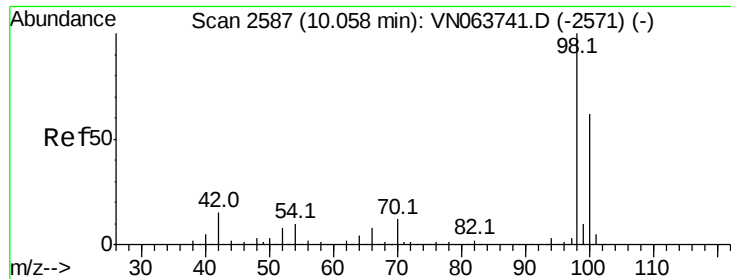
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#50

Toluene-d8

Concen: 47.860 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064083.D

Acq: 12 Oct 2020 17:26

Instrument :

MSVOA_N

ClientSampled :

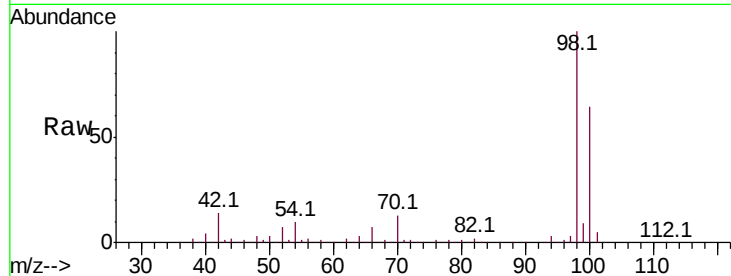
49-93ME

Tot Ion: 98 Resp: 495678

Ion Ratio Lower Upper

98 100

100 63.2 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)

10.06

250000

200000

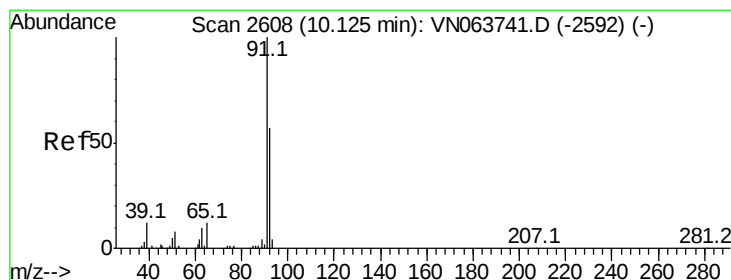
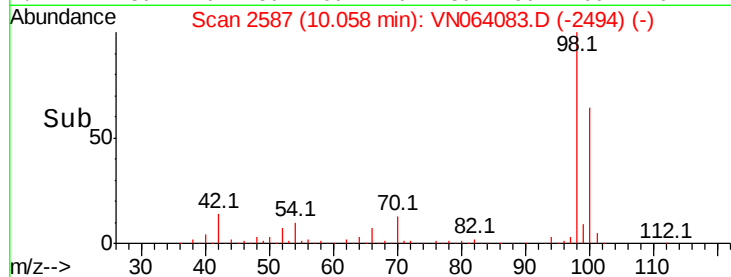
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 5.491 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064083.D

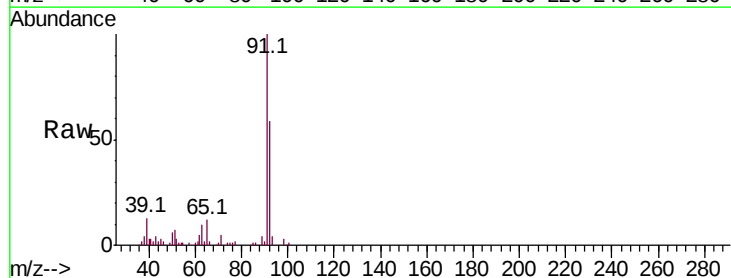
Acq: 12 Oct 2020 17:26

Tgt Ion: 92 Resp: 38694

Ion Ratio Lower Upper

92 100

91 177.8 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN063741.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063741.D (-2592) (-)

10.13

40000

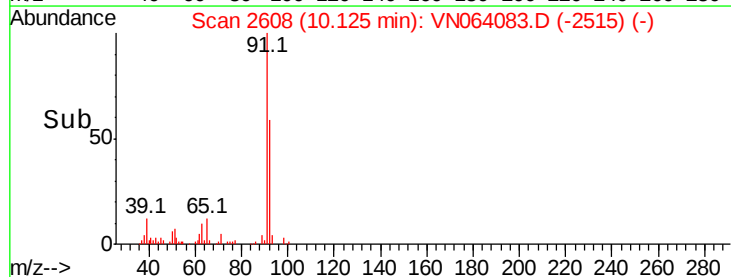
30000

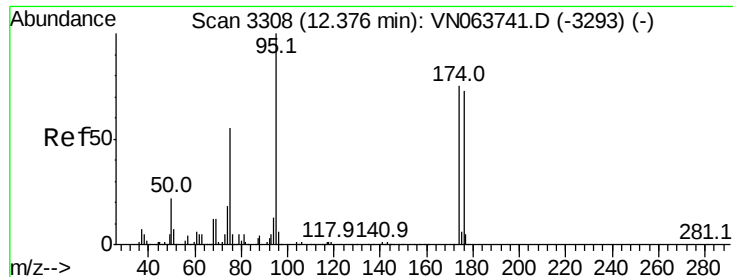
20000

10000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 51.480 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064083.D

Acq: 12 Oct 2020 17:26

Instrument :

MSVOA_N

ClientSampleId :

49-93ME

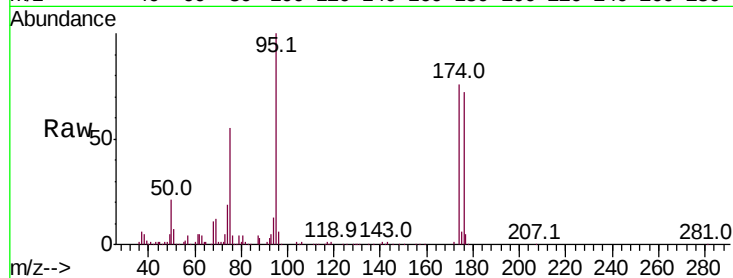
Tot Ion: 95 Resp: 200426

Ion Ratio Lower Upper

95 100

174 76.3 0.0 150.6

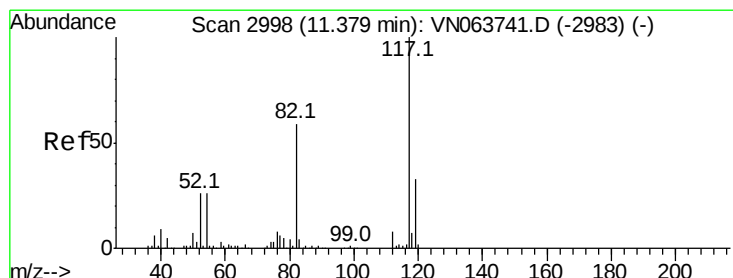
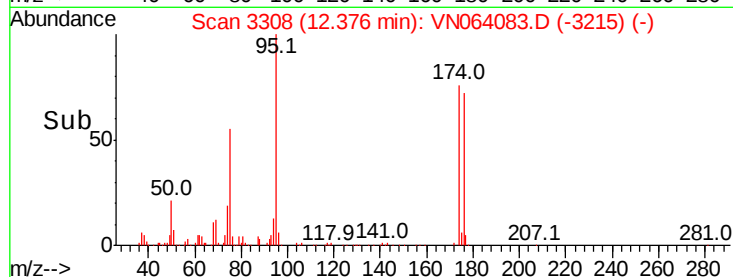
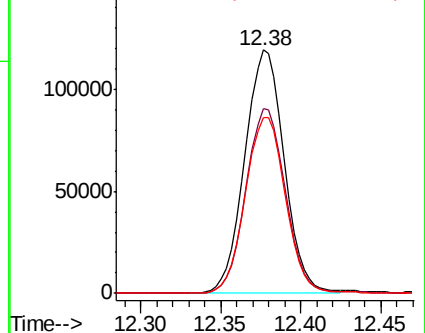
176 73.9 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064083.D

Acq: 12 Oct 2020 17:26

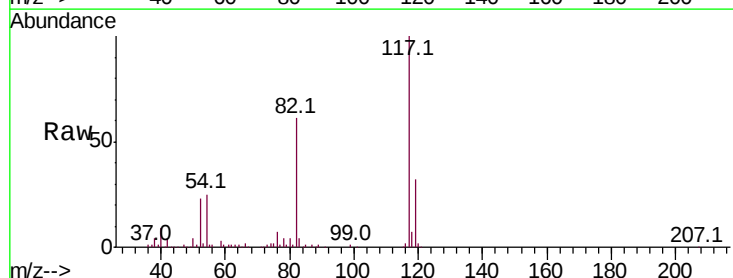
Tgt Ion: 117 Resp: 400450

Ion Ratio Lower Upper

117 100

82 60.6 47.4 71.2

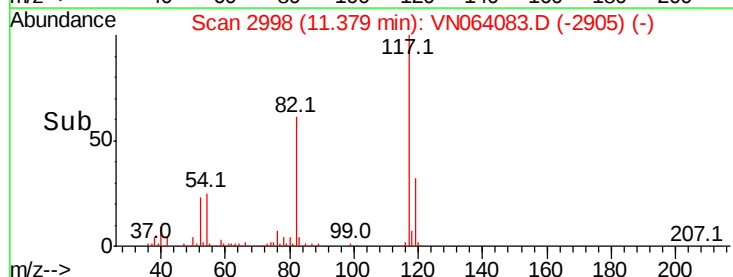
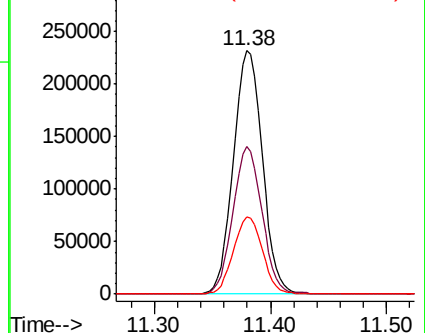
119 31.9 26.4 39.6

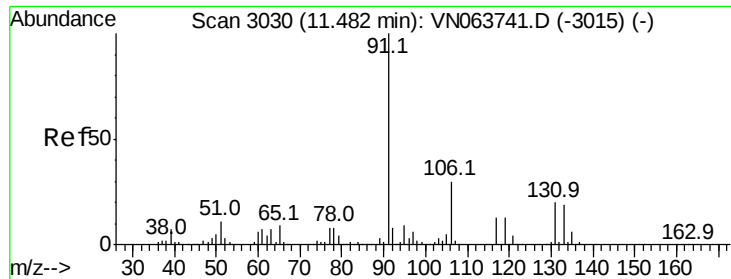


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

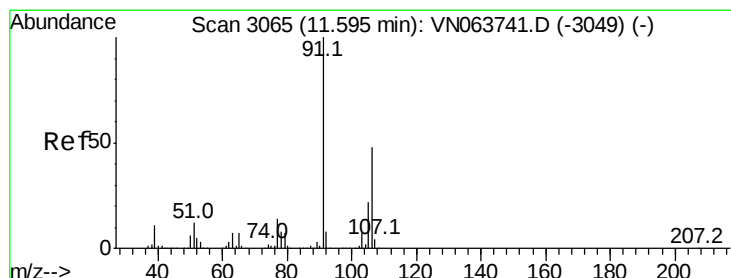
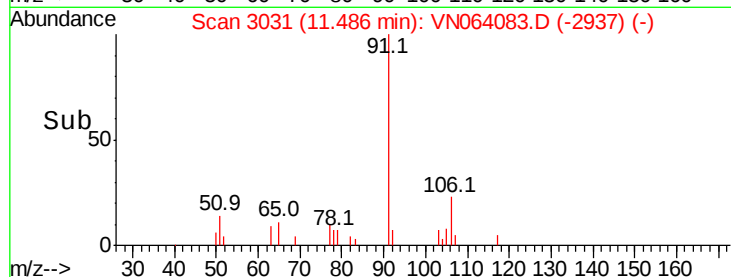
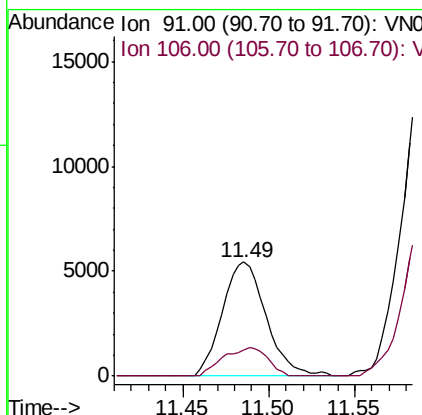
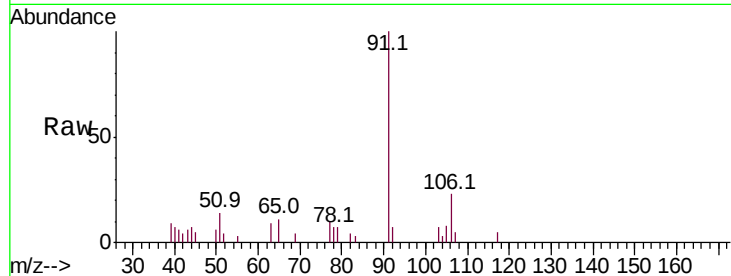




#67
Ethyl Benzene
Concen: 0.647 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064083.D
Acq: 12 Oct 2020 17:26

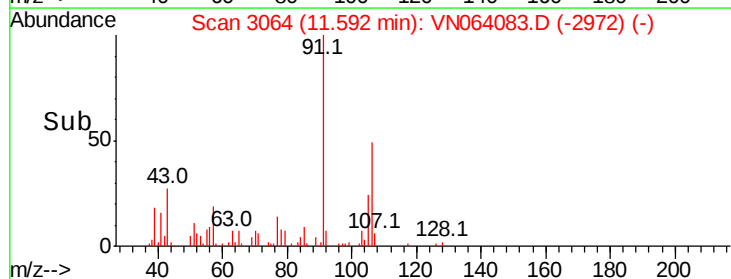
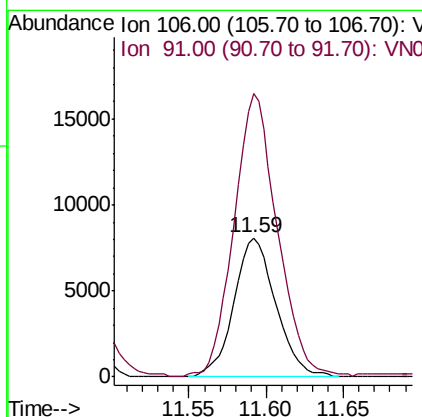
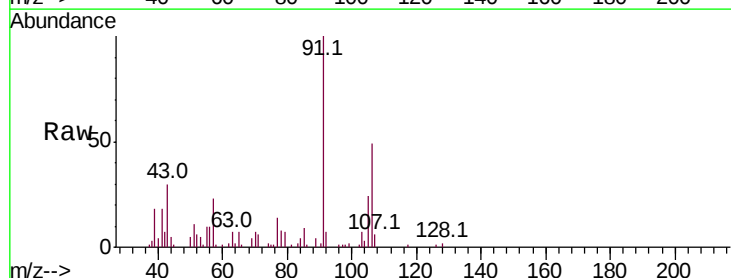
Instrument :
MSVOA_N
ClientSampled :
49-93ME

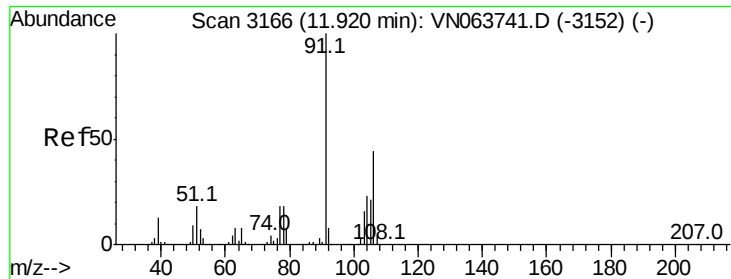
Tot Ion: 91 Resp: 9674
Ion Ratio Lower Upper
91 100
106 23.2 24.2 36.2#



#68
m/p-Xylenes
Concen: 2.726 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064083.D
Acq: 12 Oct 2020 17:26

Tgt Ion: 106 Resp: 15186
Ion Ratio Lower Upper
106 100
91 211.6 168.0 252.0

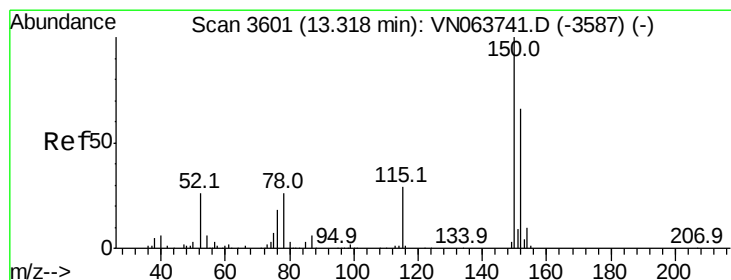
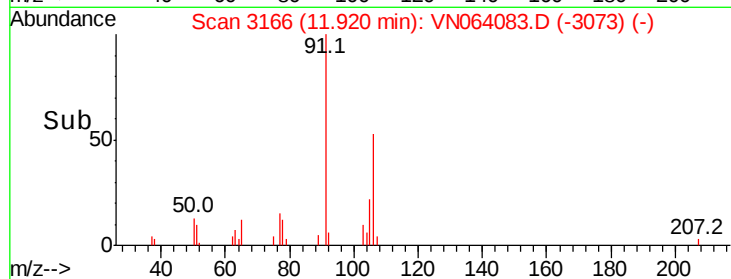
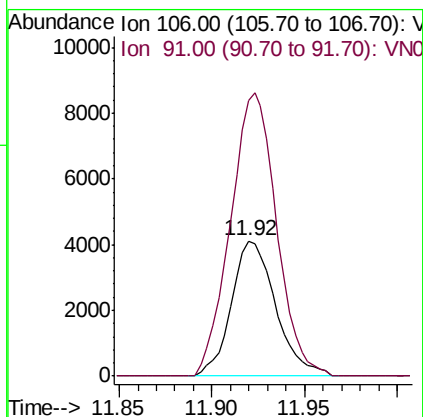
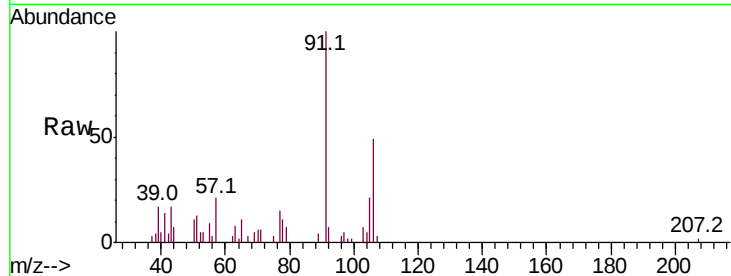




#69
o-Xylene
Concen: 1.311 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064083.D
Acq: 12 Oct 2020 17:26

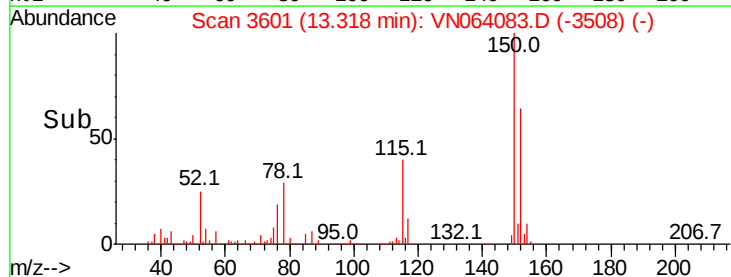
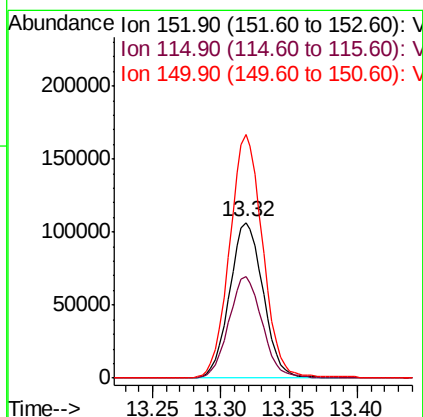
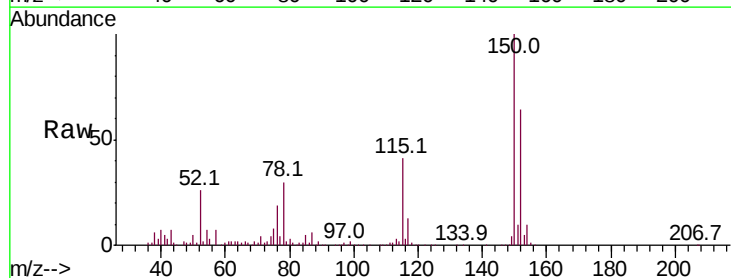
Instrument :
MSVOA_N
ClientSampled :
49-93ME

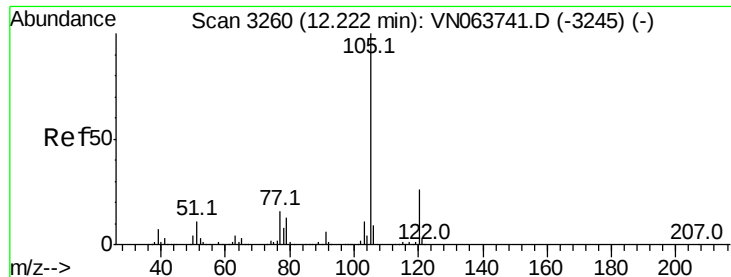
Tot Ion:106 Resp: 6826
Ion Ratio Lower Upper
106 100
91 217.9 112.7 338.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064083.D
Acq: 12 Oct 2020 17:26

Tgt Ion:152 Resp: 181995
Ion Ratio Lower Upper
152 100
115 64.5 31.3 93.8
150 154.1 0.0 341.8





#73

Isopropylbenzene

Concen: 0.224 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064083.D

Acq: 12 Oct 2020 17:26

Instrument :

MSVOA_N

ClientSampleId :

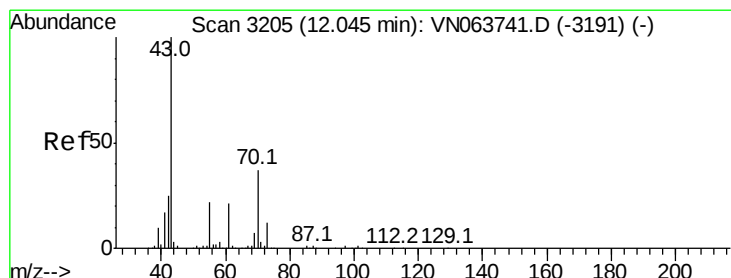
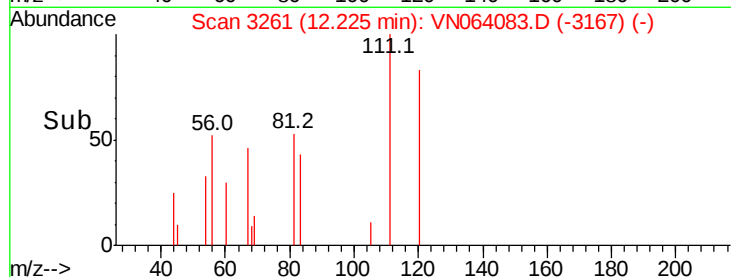
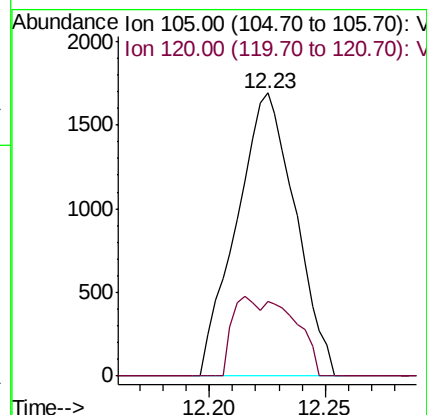
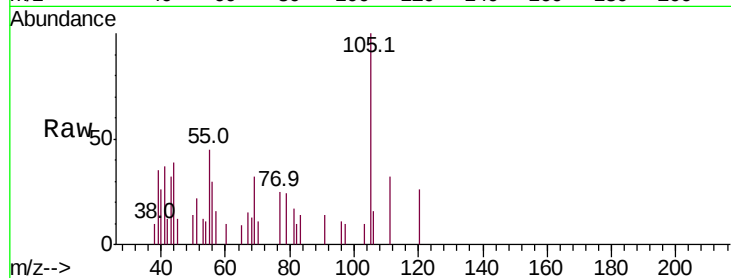
49-93ME

Tot Ion:105 Resp: 2972

Ion Ratio Lower Upper

105 100

120 13.2 12.6 37.8



#74

N-ethyl acetate

Concen: 3.094 ug/l

RT: 12.02 min Scan# 3197

Delta R.T. -0.02 min

Lab File: VN064083.D

Acq: 12 Oct 2020 17:26

Tgt Ion: 43 Resp: 5667

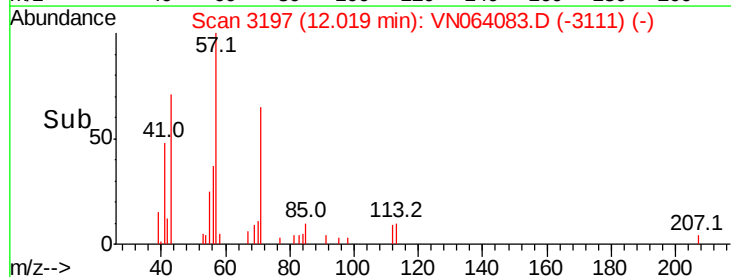
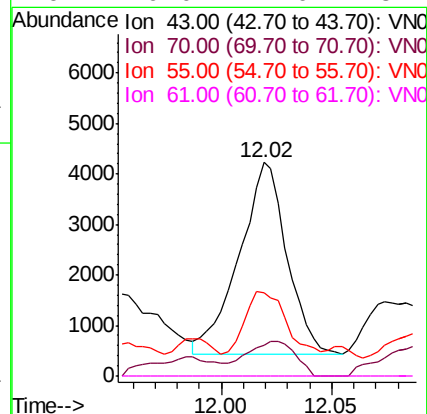
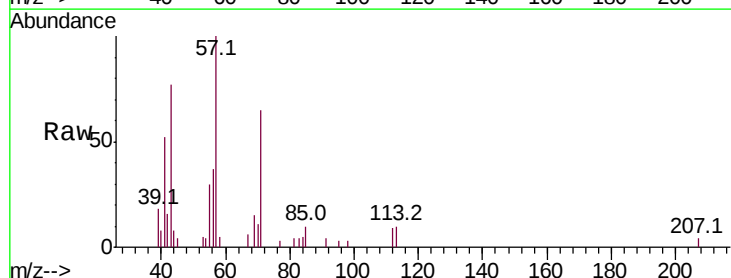
Ion Ratio Lower Upper

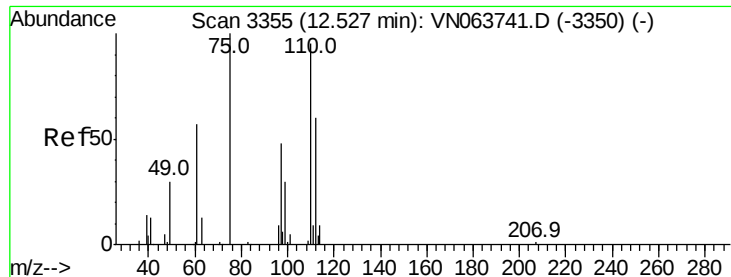
43 100

70 18.3 29.8 44.8#

55 28.0 17.9 26.9#

61 0.0 17.0 25.4#





#76

1,2,3-Trichloropropane

Concen: 27.817 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064083.D

Acq: 12 Oct 2020 17:26

Instrument :

MSVOA_N

ClientSampled :

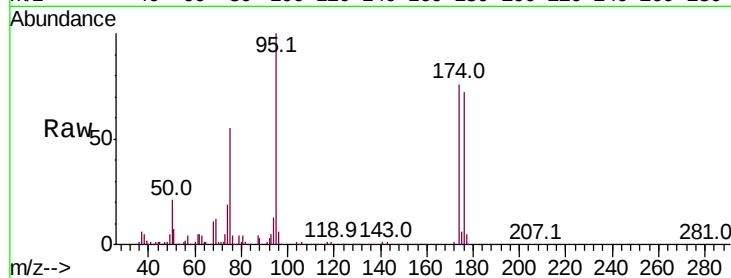
49-93ME

Tot Ion: 75 Resp: 111599

Ion Ratio Lower Upper

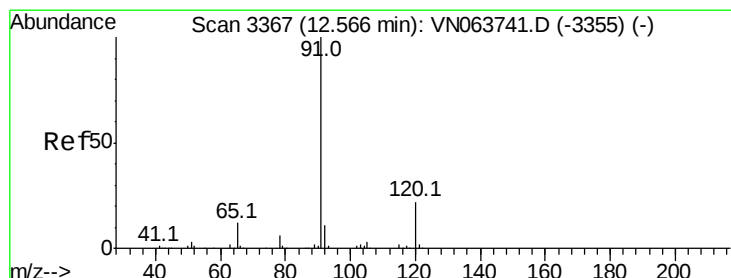
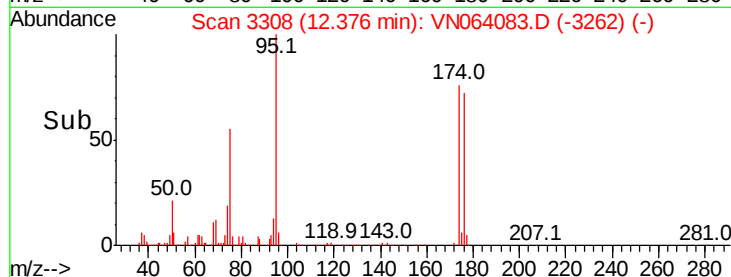
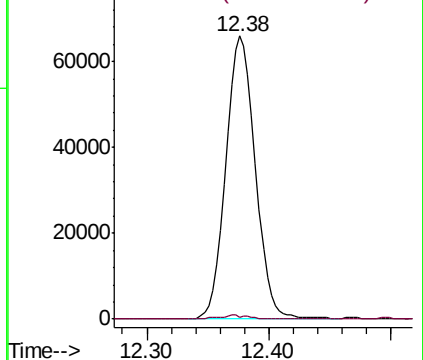
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 0.814 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064083.D

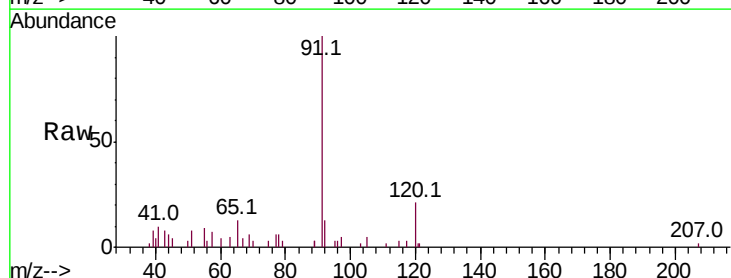
Acq: 12 Oct 2020 17:26

Tgt Ion: 91 Resp: 12581

Ion Ratio Lower Upper

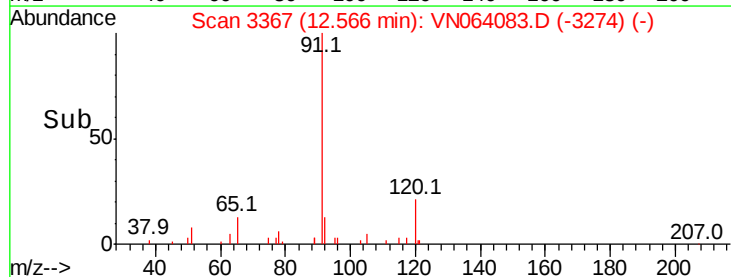
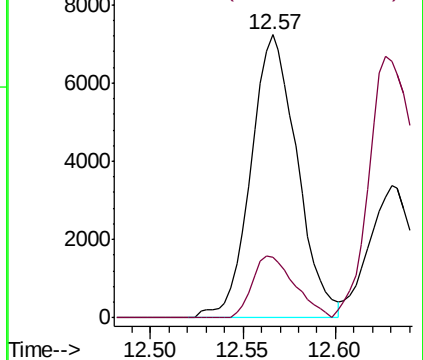
91 100

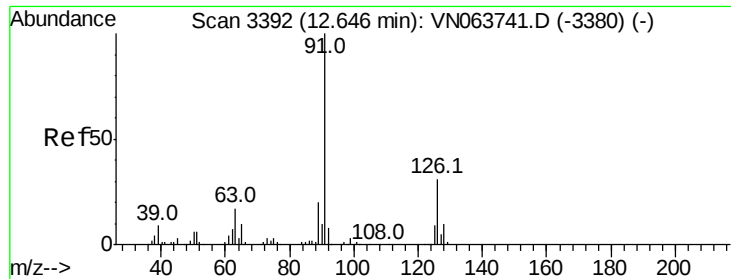
120 20.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.557 ug/l

RT: 12.63 min Scan# 3387

Delta R.T. -0.02 min

Lab File: VN064083.D

Acq: 12 Oct 2020 17:26

Instrument :

MSVOA_N

ClientSampleId :

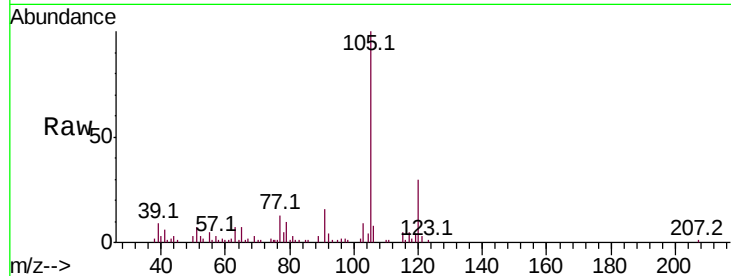
49-93ME

Tot Ion: 91 Resp: 5297

Ion Ratio Lower Upper

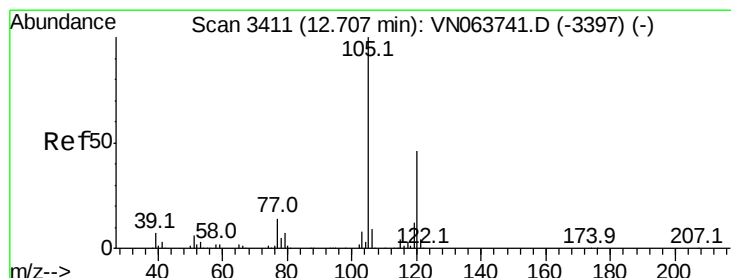
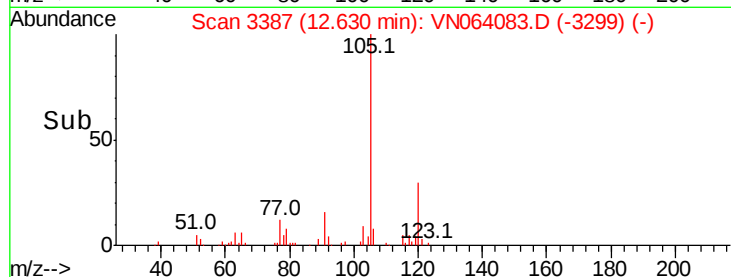
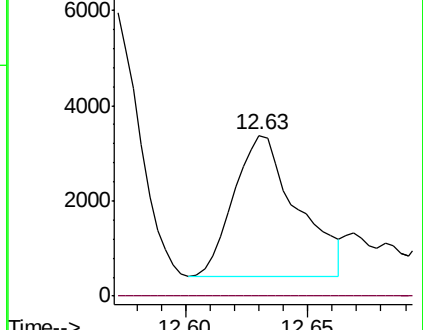
91 100

126 0.0 15.9 47.7#



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063741.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 2.576 ug/l

RT: 12.71 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VN064083.D

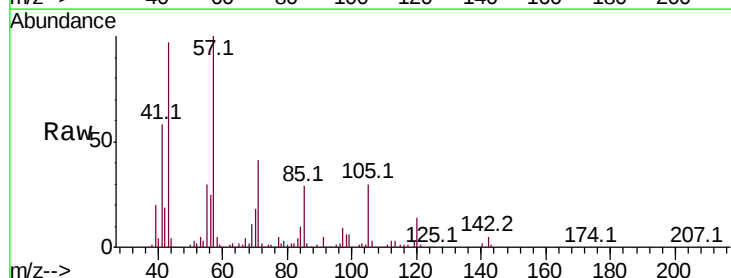
Acq: 12 Oct 2020 17:26

Tgt Ion: 105 Resp: 28687

Ion Ratio Lower Upper

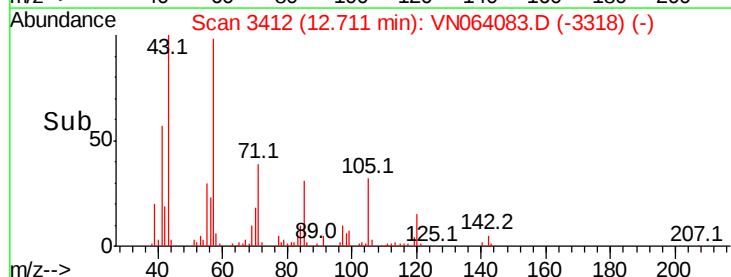
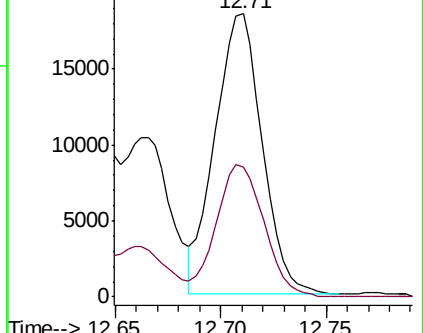
105 100

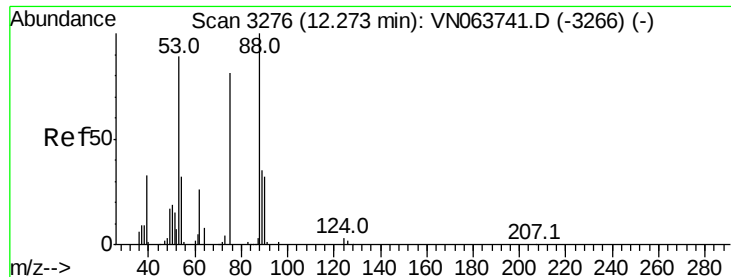
120 47.8 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063741.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN063741.D (-3397) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 80.118 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064083.D

Acq: 12 Oct 2020 17:26

Instrument :

MSVOA_N

ClientSampled :

49-93ME

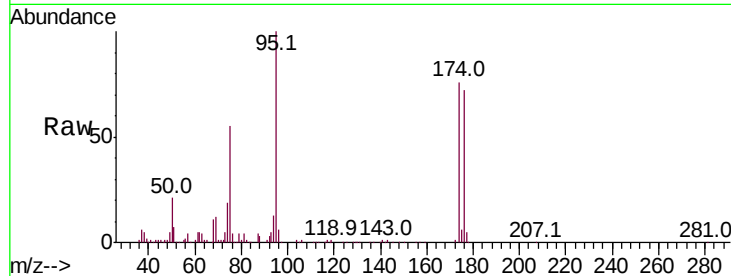
Tot Ion: 75 Resp: 111599

Ion Ratio Lower Upper

75 100

53 0.4 88.2 132.2#

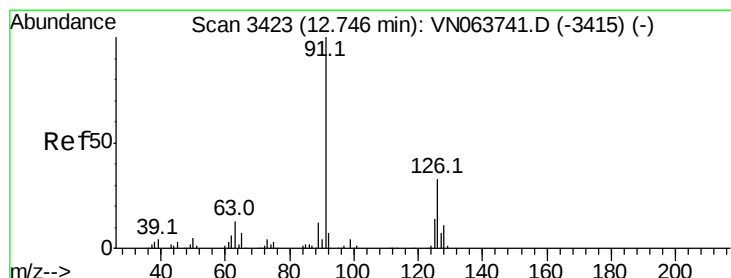
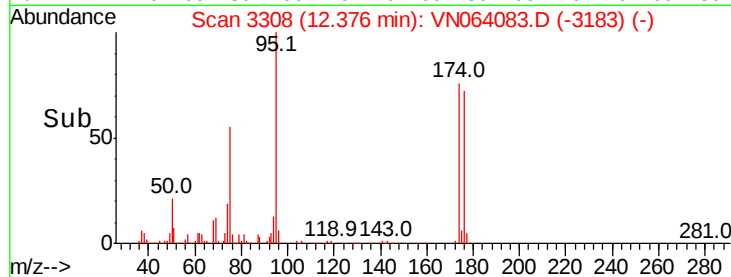
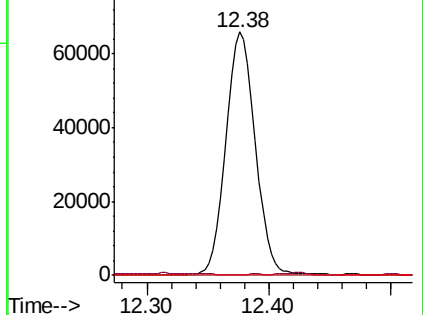
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO



#82

4-Chlorotoluene

Concen: 0.320 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.04 min

Lab File: VN064083.D

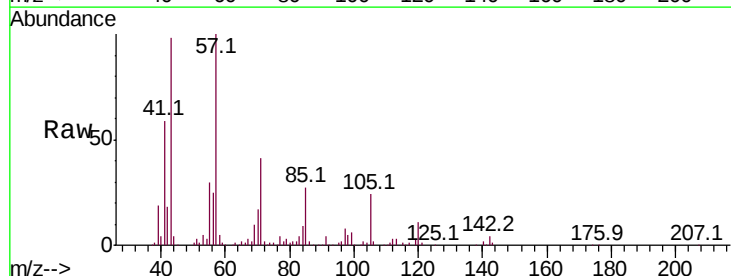
Acq: 12 Oct 2020 17:26

Tgt Ion: 91 Resp: 3154

Ion Ratio Lower Upper

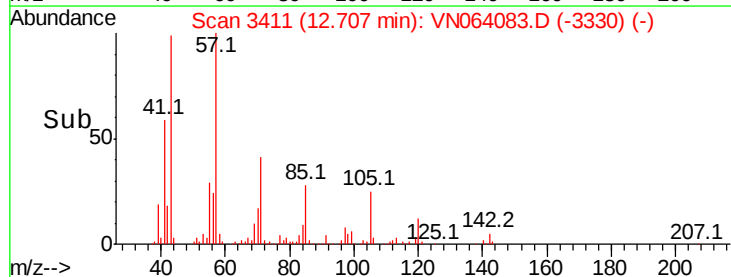
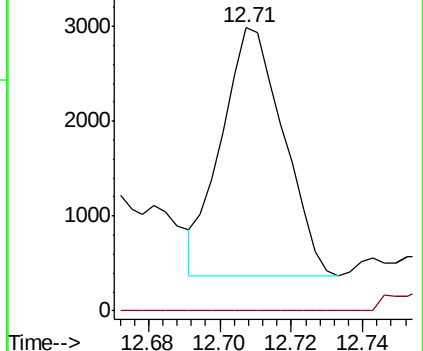
91 100

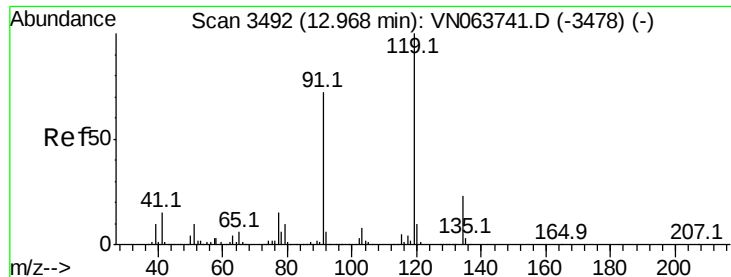
126 0.0 15.4 46.2#



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 125.90 (125.60 to 126.60): V

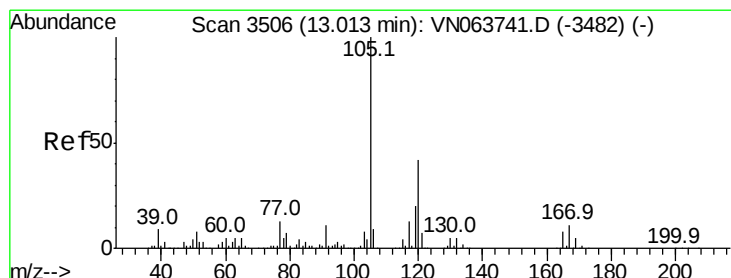
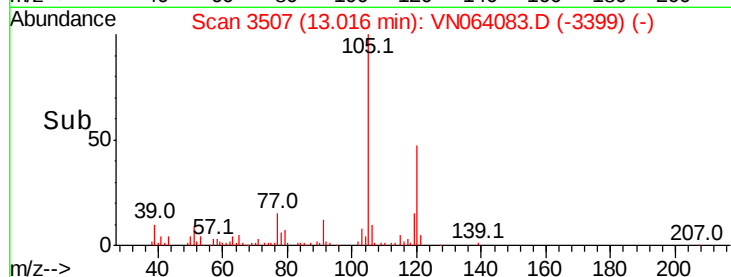
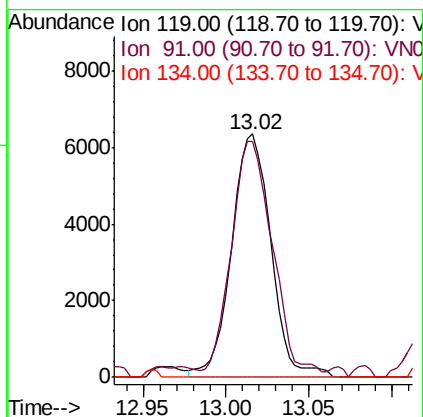
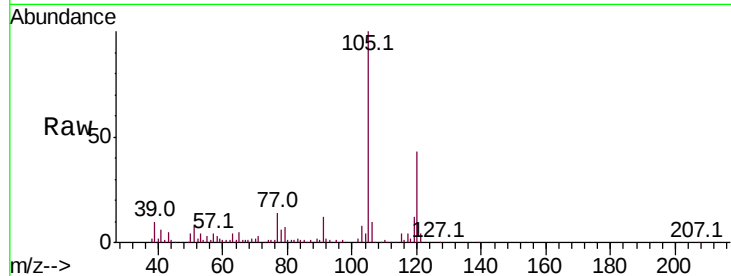




#83
tert-Butylbenzene
Concen: 1.154 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.05 min
Lab File: VN064083.D
Acq: 12 Oct 2020 17:26

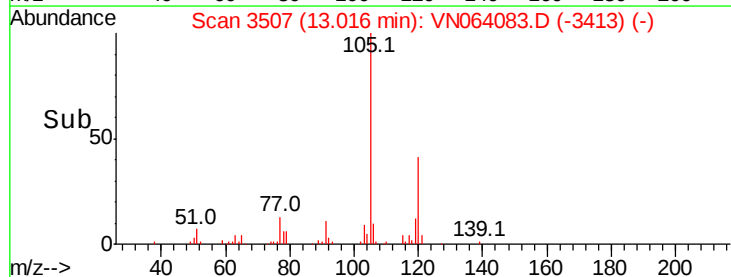
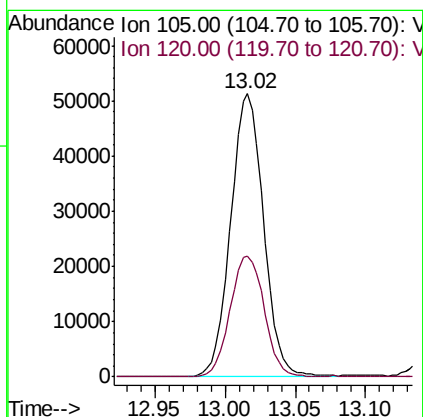
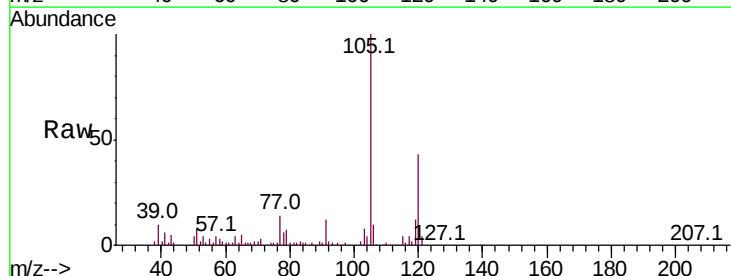
Instrument :
MSVOA_N
ClientSampleId :
49-93ME

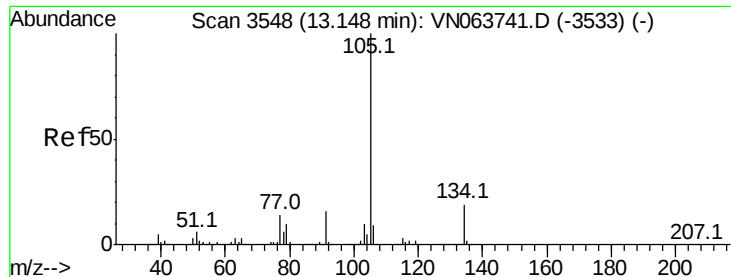
Tot Ion:119 Resp: 10509
Ion Ratio Lower Upper
119 100
91 96.0 35.5 106.5
134 0.0 11.7 35.1#



#84
1,2,4-Trimethylbenzene
Concen: 7.550 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN064083.D
Acq: 12 Oct 2020 17:26

Tgt Ion:105 Resp: 83951
Ion Ratio Lower Upper
105 100
120 44.1 20.9 62.7

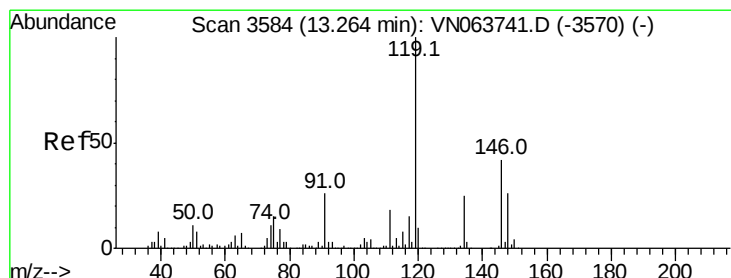
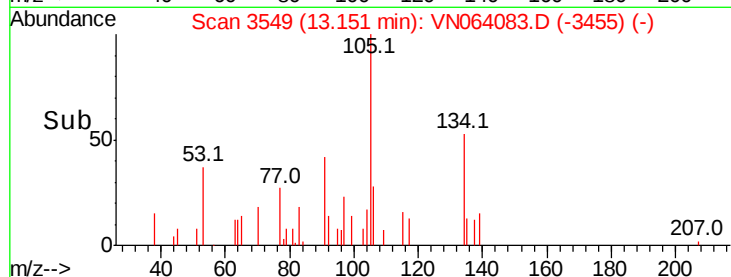
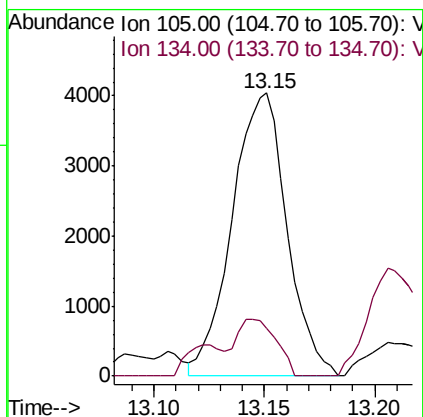
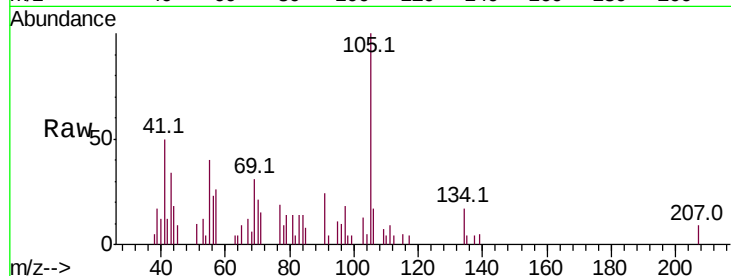




#85
 sec-Butylbenzene
 Concen: 0.584 ug/l
 RT: 13.15 min Scan# 3549
 Delta R.T. 0.00 min
 Lab File: VN064083.D
 Acq: 12 Oct 2020 17:26

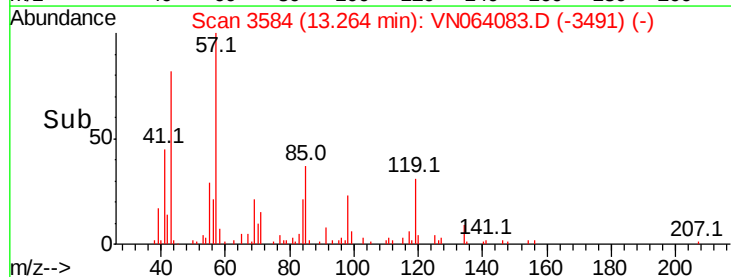
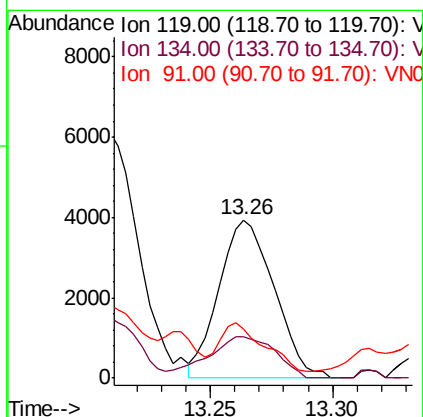
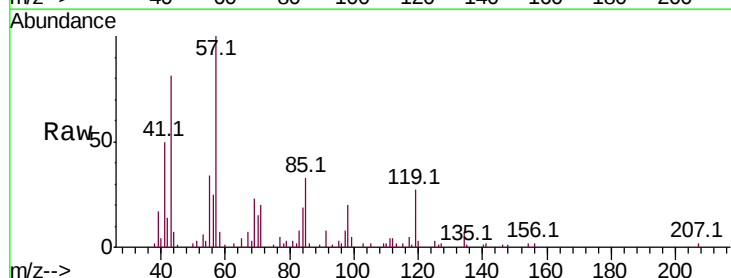
Instrument :
 MSVOA_N
 ClientSampled :
 49-93ME

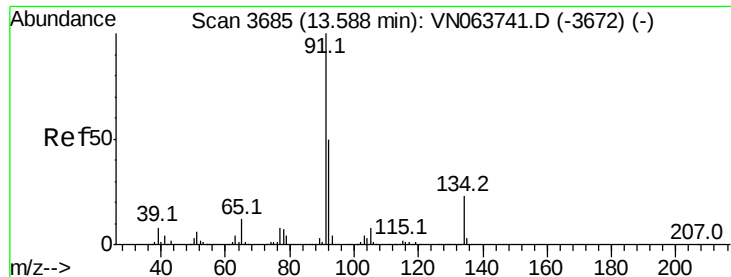
Tot Ion:105 Resp: 6993
 Ion Ratio Lower Upper
 105 100
 134 14.8 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 0.586 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064083.D
 Acq: 12 Oct 2020 17:26

Tgt Ion:119 Resp: 6204
 Ion Ratio Lower Upper
 119 100
 134 31.8 12.6 37.8
 91 24.9 13.4 40.2

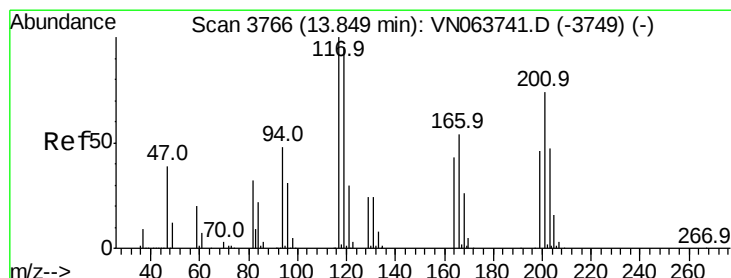
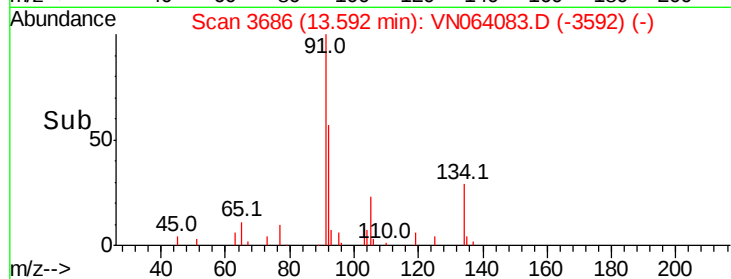
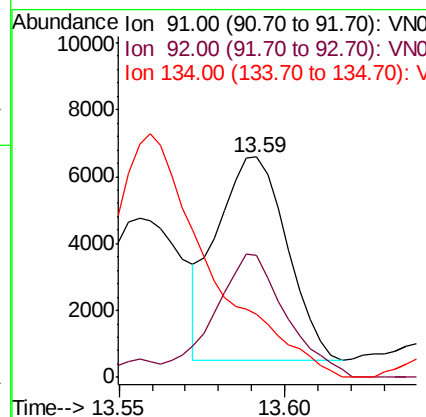
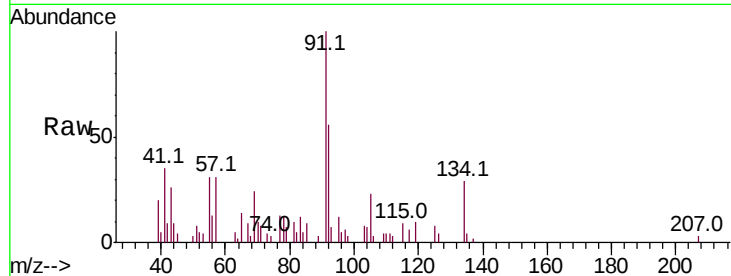




#89
n-Butylbenzene
Concen: 0.912 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN064083.D
Acq: 12 Oct 2020 17:26

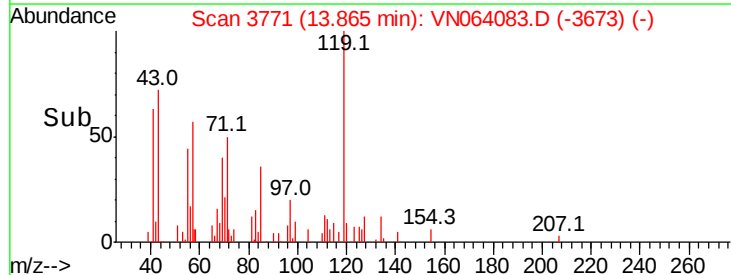
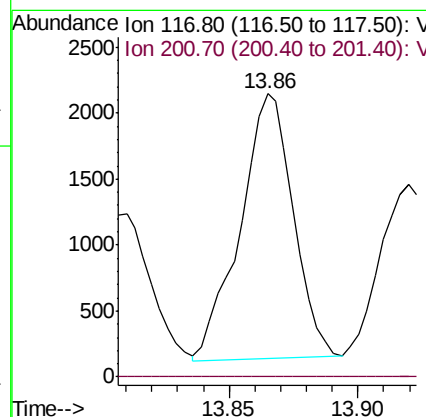
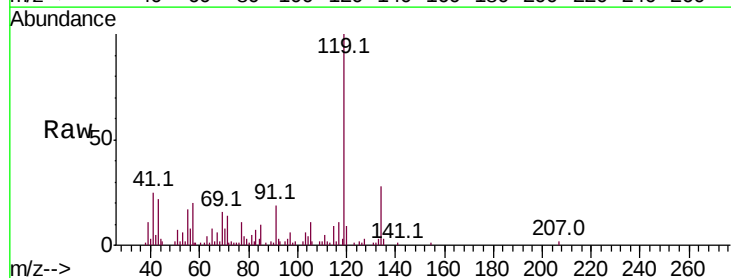
Instrument :
MSVOA_N
ClientSampled :
49-93ME

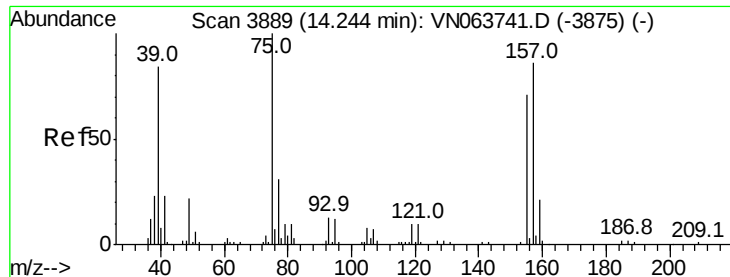
Tot Ion: 91 Resp: 8907
Ion Ratio Lower Upper
91 100
92 62.3 25.4 76.4
134 0.0 11.7 35.1#



#90
Hexachloroethane
Concen: 1.402 ug/l
RT: 13.86 min Scan# 3771
Delta R.T. 0.02 min
Lab File: VN064083.D
Acq: 12 Oct 2020 17:26

Tgt Ion: 117 Resp: 2875
Ion Ratio Lower Upper
117 100
201 0.0 36.0 108.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.353 ug/l

RT: 14.23 min Scan# 3884

Delta R.T. -0.02 min

Lab File: VN064083.D

Acq: 12 Oct 2020 17:26

Instrument :

MSVOA_N

ClientSampleId :

49-93ME

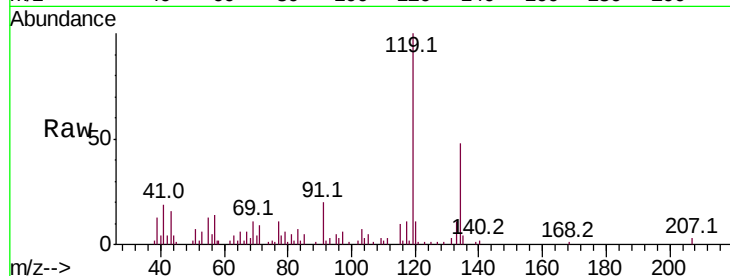
Tot Ion: 75 Resp: 336

Ion Ratio Lower Upper

75 100

155 0.0 34.8 104.5#

157 0.0 43.7 131.1#



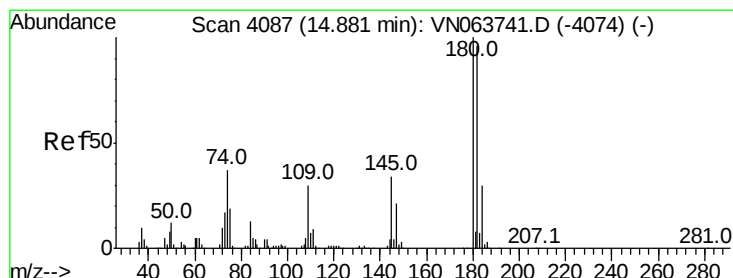
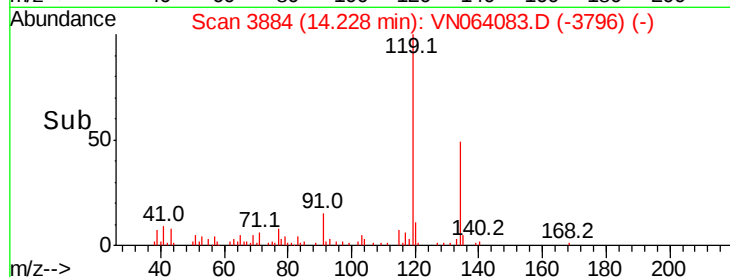
Abundance Ion 74.90 (74.60 to 75.60): VN063741.D (-3875) (-)

Ion 154.80 (154.50 to 155.50): VN063741.D (-3875) (-)

Ion 156.80 (156.50 to 157.50): VN063741.D (-3875) (-)

14.23

Time--> 14.20 14.22 14.24



#93

1,2,4-Trichlorobenzene

Concen: 1.828 ug/l

RT: 14.89 min Scan# 4089

Delta R.T. 0.01 min

Lab File: VN064083.D

Acq: 12 Oct 2020 17:26

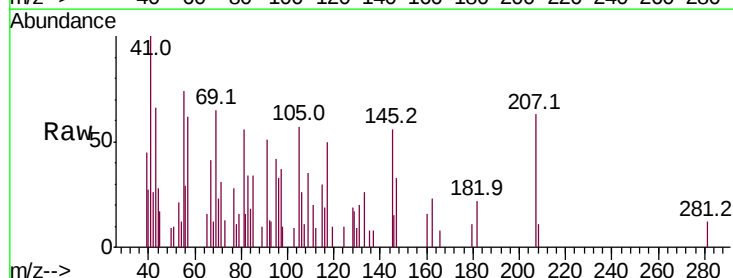
Tgt Ion: 180 Resp: 302

Ion Ratio Lower Upper

180 100

182 122.8 48.2 144.6

145 410.6 17.1 51.2#



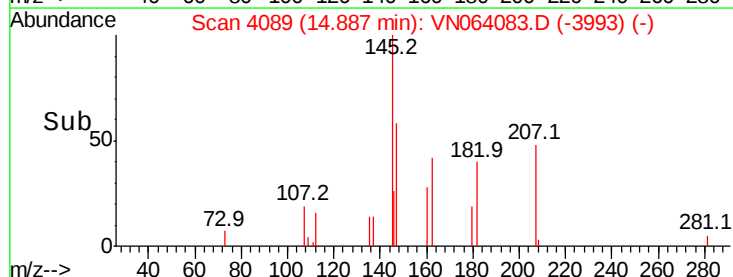
Abundance Ion 179.80 (179.50 to 180.50): VN063741.D (-4074) (-)

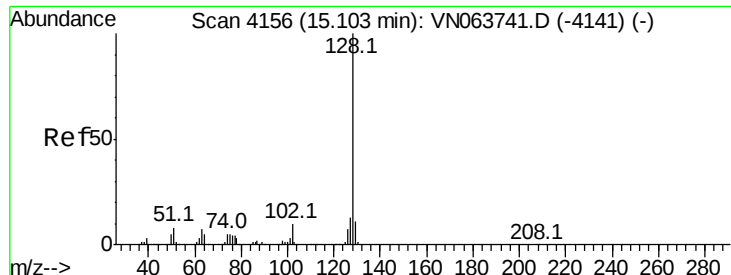
Ion 181.80 (181.50 to 182.50): VN063741.D (-4074) (-)

Ion 144.80 (144.50 to 145.50): VN063741.D (-4074) (-)

14.89

Time--> 14.86 14.88 14.90





#95

Naphthalene

Concen: 2.879 ug/l

RT: 15.11 min Scan# 4158

Delta R.T. 0.01 min

Lab File: VN064083.D

Acq: 12 Oct 2020 17:26

Instrument :

MSVOA_N

ClientSampleId :

49-93ME

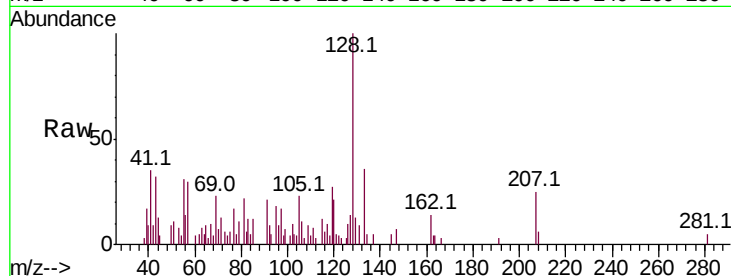
Tot Ion:128 Resp: 9749

Ion Ratio Lower Upper

128 100

127 9.9 10.5 15.7#

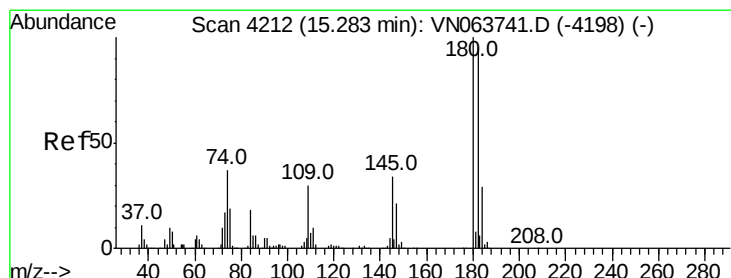
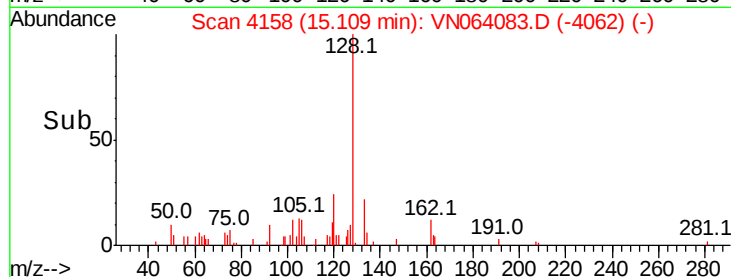
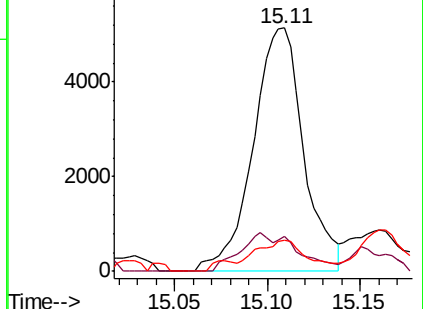
129 7.5 8.7 13.1#



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: 1.700 ug/l

RT: 15.28 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN064083.D

Acq: 12 Oct 2020 17:26

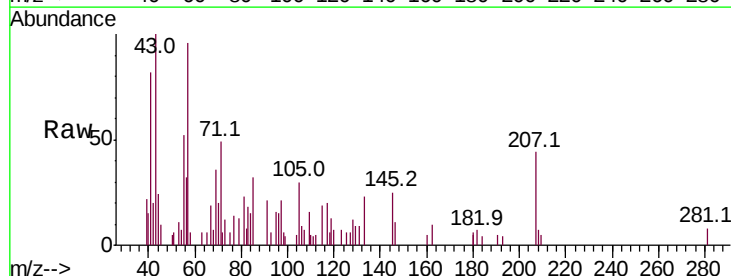
Tgt Ion:180 Resp: 419

Ion Ratio Lower Upper

180 100

182 0.0 47.9 143.6#

145 98.1 17.2 51.5#



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

