

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100620\
 Data File : VN063924.D
 Acq On : 7 Oct 2020 4:41
 Operator : JC/MD
 Sample : L4247-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-18(0-1)

Quant Time: Oct 07 05:41:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	226696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	412154	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	433463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	179635	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	197876	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
35) Dibromofluoromethane	7.55	113	143925	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	10.06	98	544967	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.38	95	208867	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.72	59	106	0.256	ug/l #	71
13) Acrolein	3.67	56	64	0.252	ug/l #	14
16) Acetone	3.78	43	14581	12.647	ug/l	99
17) Carbon Disulfide	4.01	76	771	0.824	ug/l #	76
18) Methyl Acetate	4.28	43	3183	1.063	ug/l #	68
20) Methylene Chloride	4.51	84	10282	3.984	ug/l	97
25) 2-Butanone	6.79	43	1446	0.885	ug/l #	88
31) Cyclohexane	7.63	56	6494	1.494	ug/l #	5
36) 1,1-Dichloropropene	7.63	75	19484	4.666	ug/l #	52
38) Carbon Tetrachloride	7.63	117	24352	5.201	ug/l #	15
43) Isopropyl Acetate	8.13	43	71016	10.378	ug/l	97
45) 1,2-Dichloropropane	9.24	63	883	0.274	ug/l #	44
48) Methyl methacrylate	9.15	41	5809	1.718	ug/l #	32
51) 4-Methyl-2-Pentanone	9.95	43	9198	2.291	ug/l	89
52) Toluene	10.13	92	1490	0.202	ug/l #	73
54) cis-1,3-Dichloropropene	9.87	75	28859	5.621	ug/l #	70
56) Ethyl methacrylate	10.51	69	1022	0.244	ug/l #	1
57) 1,3-Dichloropropane	10.74	76	3772	0.754	ug/l #	43
59) 2-Hexanone	10.74	43	67073	22.485	ug/l #	55
68) m/p-Xylenes	11.60	106	2249	0.373	ug/l	98
69) o-Xylene	11.92	106	5926	1.051	ug/l	97
74) N-amyl acetate	12.01	43	1558	2.460	ug/l #	55
76) 1,2,3-Trichloropropane	12.38	75	117448	29.660	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	30143	2.742	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	117448	85.424	ug/l #	6
82) 4-Chlorotoluene	12.71	91	4142	0.425	ug/l #	44
84) 1,2,4-Trimethylbenzene	13.02	105	12741	1.161	ug/l	98
86) p-Isopropyltoluene	13.26	119	3924	0.376	ug/l	96
89) n-Butylbenzene	13.56	91	5992	0.621	ug/l #	1
90) Hexachloroethane	13.86	117	2688	1.328	ug/l #	14
93) 1,2,4-Trichlorobenzene	14.88	180	85	1.763	ug/l #	12
95) Naphthalene	15.11	128	40566	5.949	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

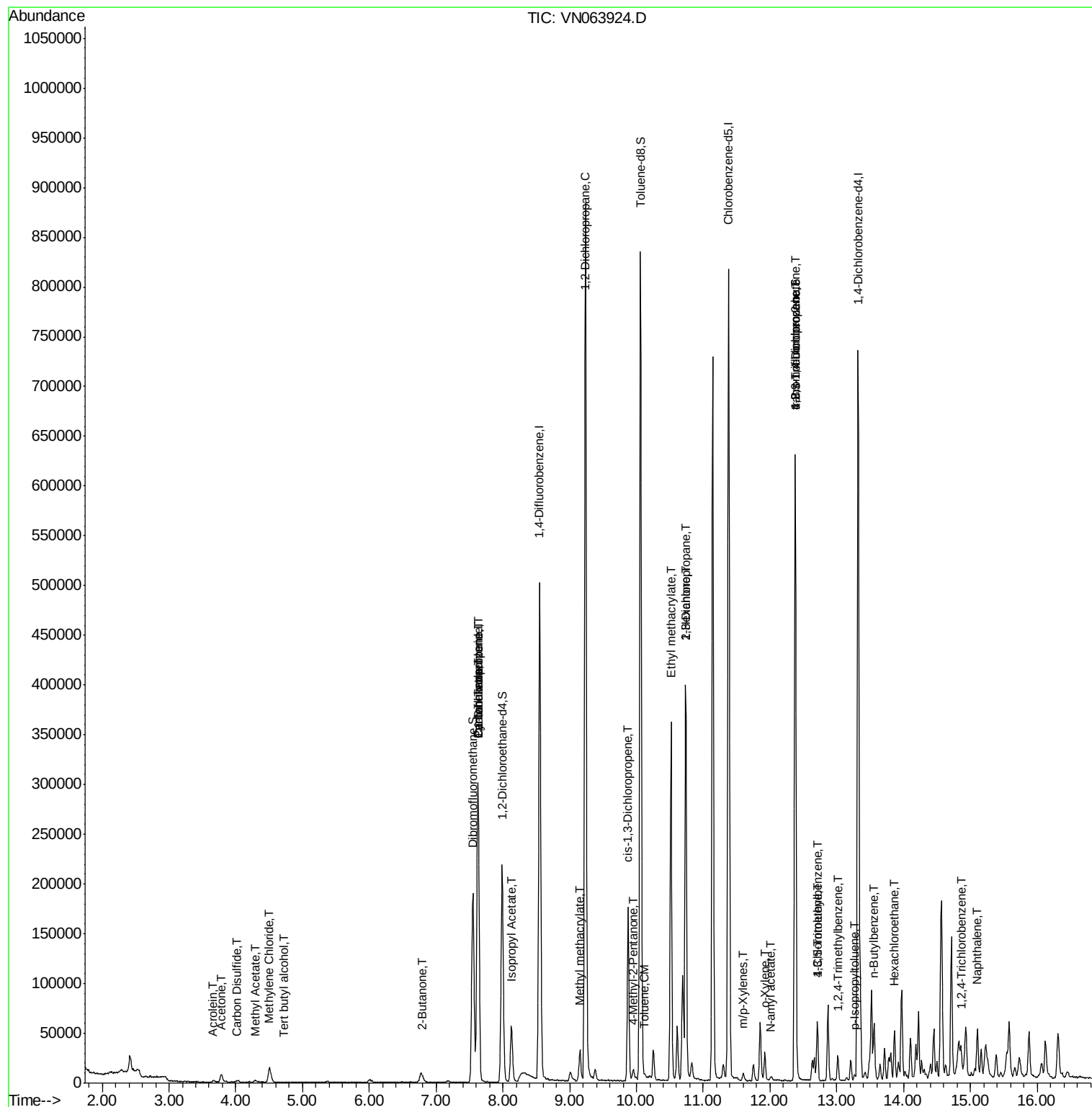
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

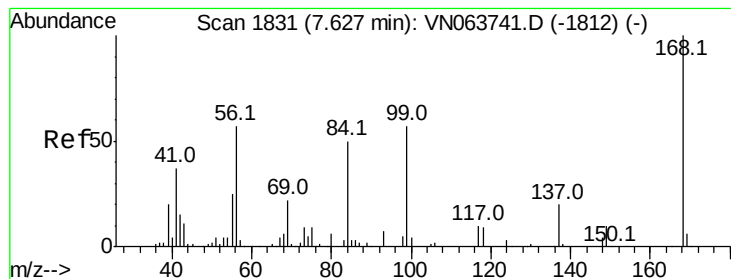
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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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: VN063924.D

Acq: 7 Oct 2020 4:41

Instrument :

MSVOA_N

ClientSampled :

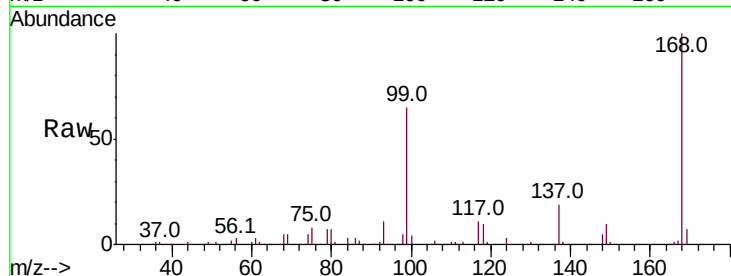
B-18(0-1)

Tot Ion:168 Resp: 22696

Ion Ratio Lower Upper

168 100

99 64.6 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

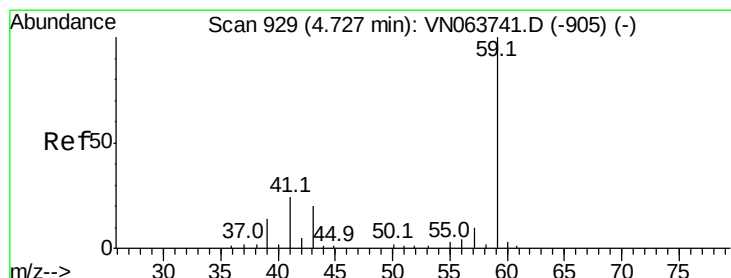
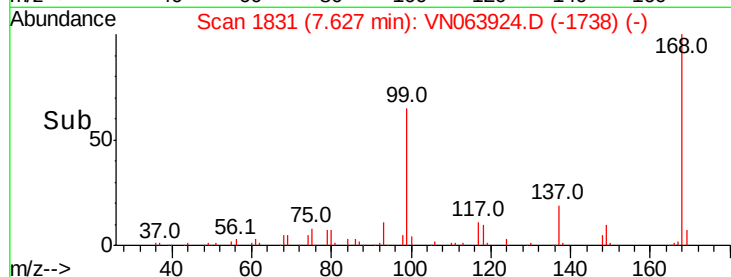
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#11

Tert butyl alcohol

Concen: 0.256 ug/l

RT: 4.72 min Scan# 928

Delta R.T. -0.00 min

Lab File: VN063924.D

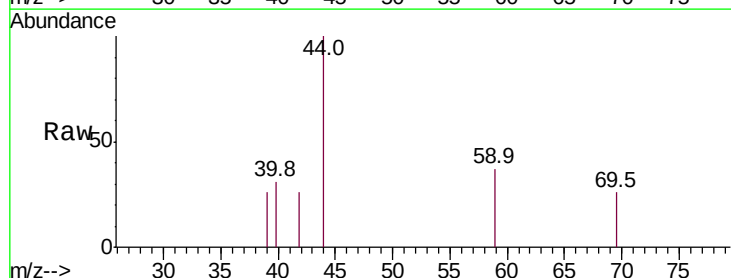
Acq: 7 Oct 2020 4:41

Tgt Ion: 59 Resp: 106

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.72

250

200

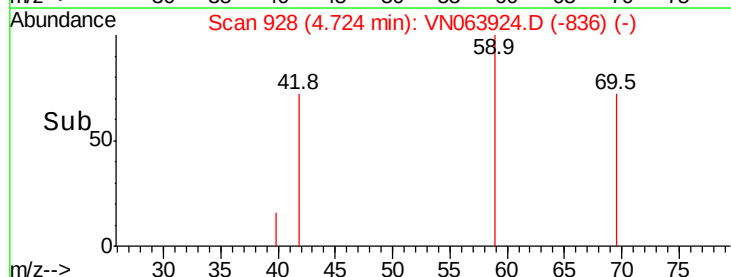
150

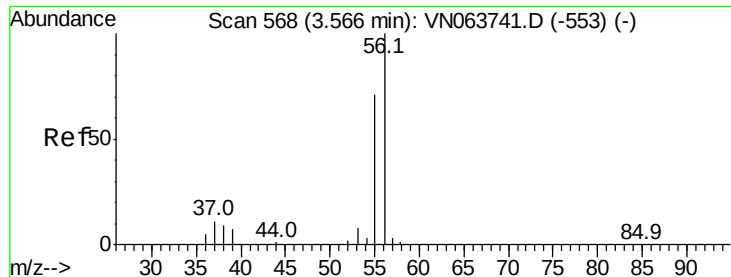
100

50

0

Time--> 4.71 4.72 4.73 4.74





#13

Acrolein

Concen: 0.252 ug/l

RT: 3.67 min Scan# 599

Delta R.T. 0.10 min

Lab File: VN063924.D

Acq: 7 Oct 2020 4:41

Instrument :

MSVOA_N

ClientSampleId :

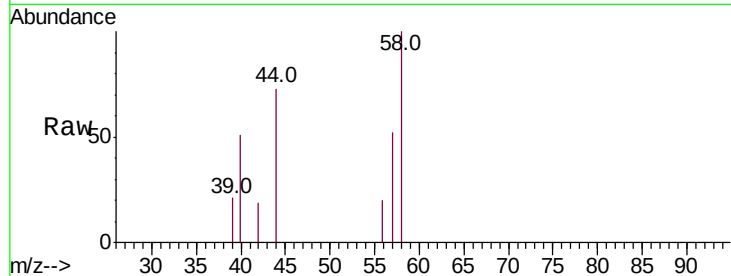
B-18(0-1)

Tot Ion: 56 Resp: 64

Ion Ratio Lower Upper

56 100

55 0.0 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.67

150

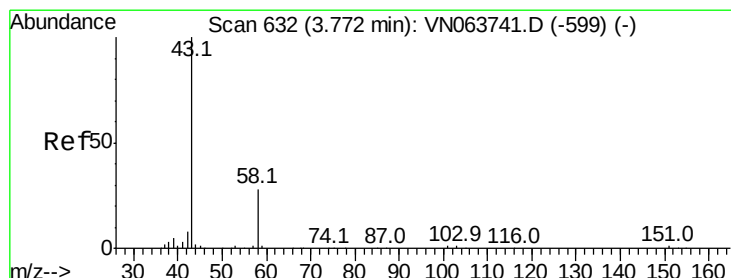
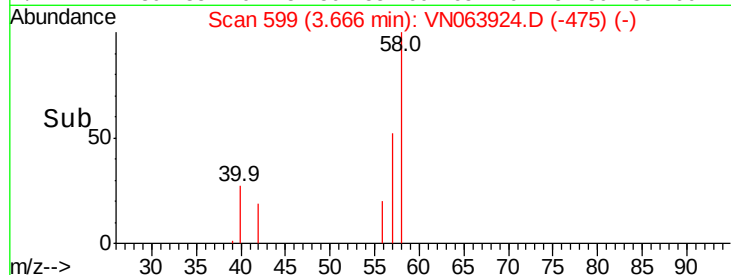
100

50

0

3.66 3.67 3.68

Time-->



#16

Acetone

Concen: 12.647 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN063924.D

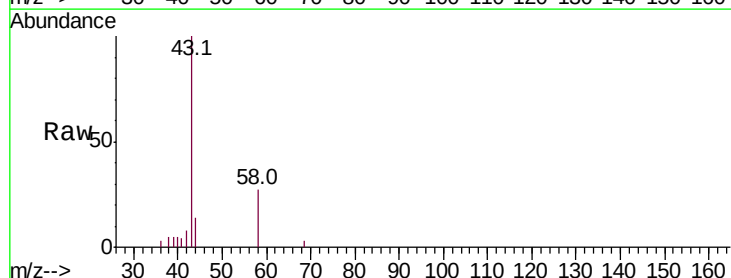
Acq: 7 Oct 2020 4:41

Tgt Ion: 43 Resp: 14581

Ion Ratio Lower Upper

43 100

58 27.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

5000

4000

3000

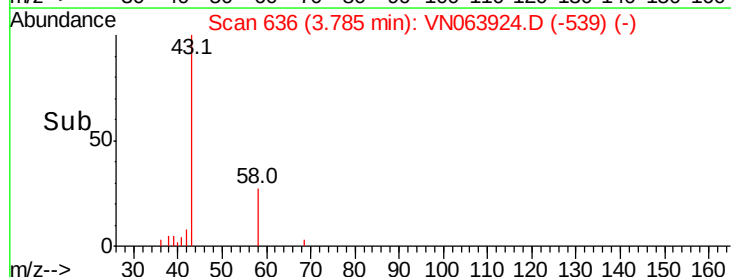
2000

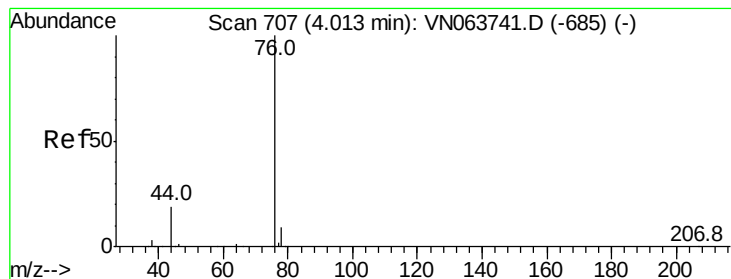
1000

0

3.70 3.75 3.80 3.85

Time-->





#17

Carbon Disulfide

Concen: 0.824 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN063924.D

Acq: 7 Oct 2020 4:41

Instrument :

MSVOA_N

ClientSampleId :

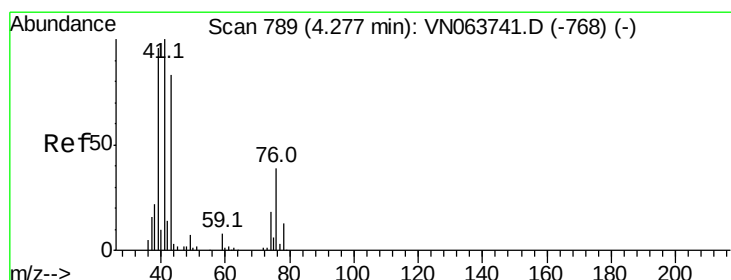
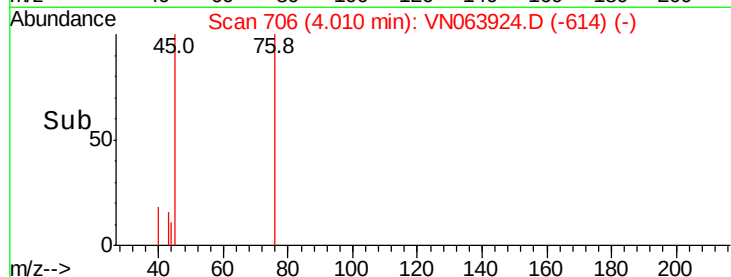
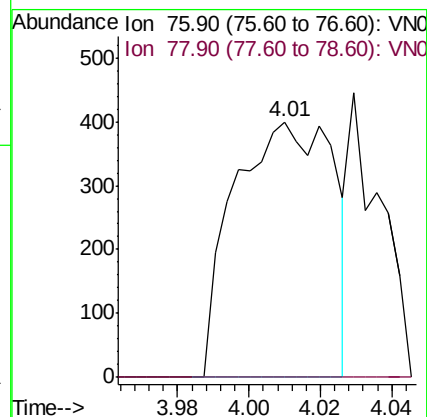
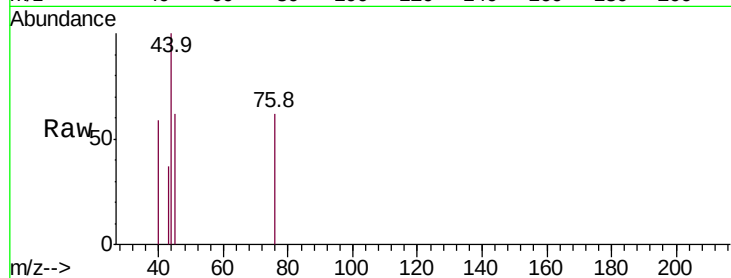
B-18(0-1)

Tot Ion: 76 Resp: 771

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#



#18

Methyl Acetate

Concen: 1.063 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.01 min

Lab File: VN063924.D

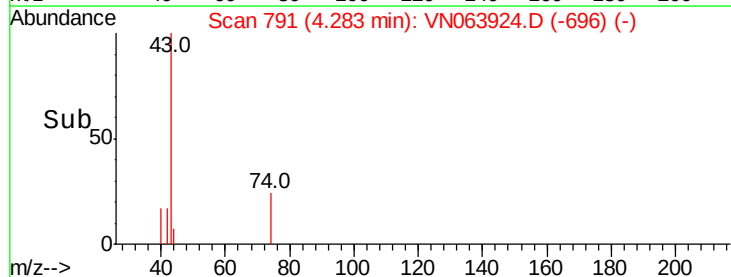
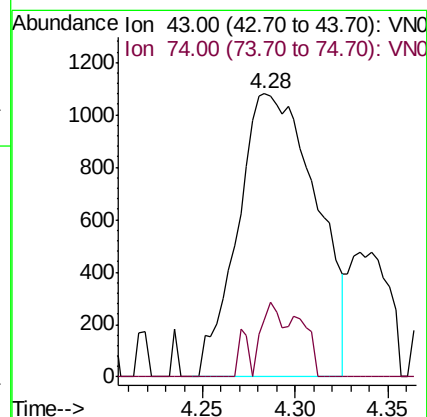
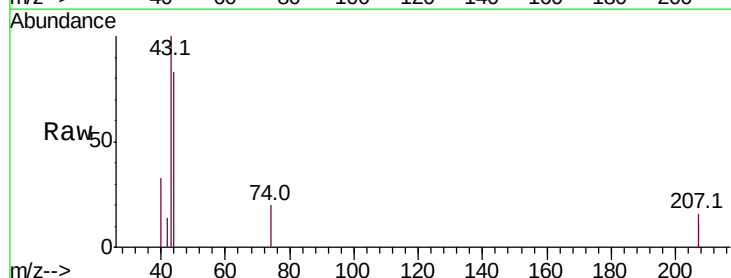
Acq: 7 Oct 2020 4:41

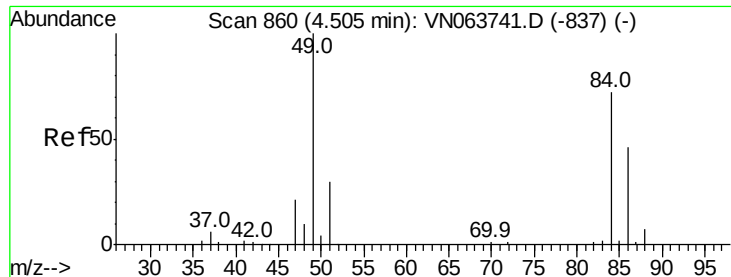
Tgt Ion: 43 Resp: 3183

Ion Ratio Lower Upper

43 100

74 6.7 17.4 26.2#

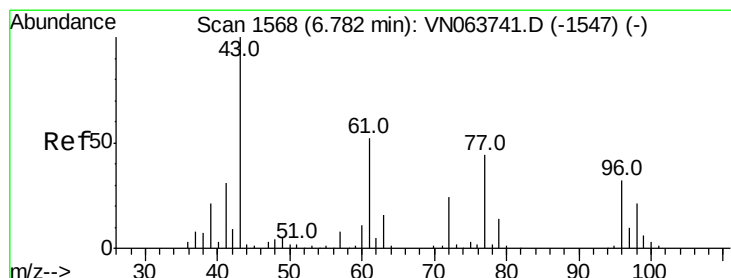
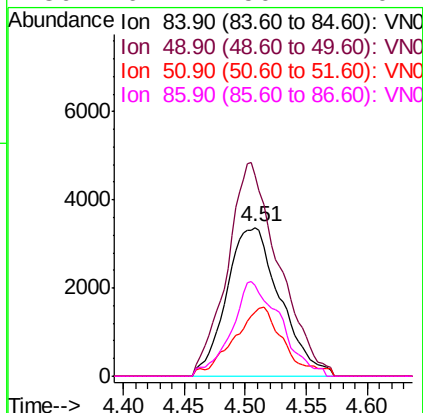
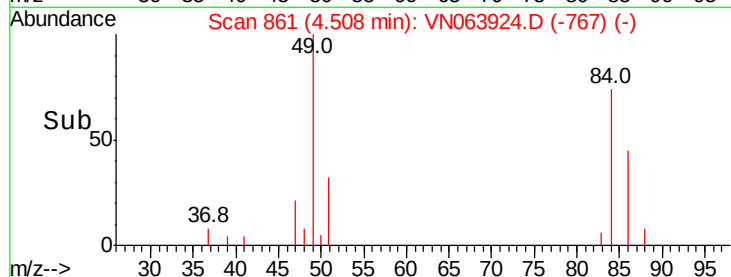
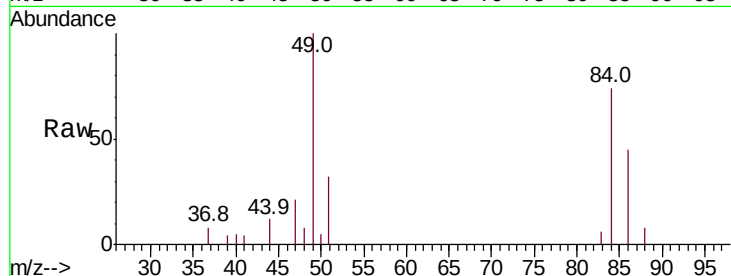




#20
Methvlene Chloride
Concen: 3.984 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN063924.D
Acq: 7 Oct 2020 4:41

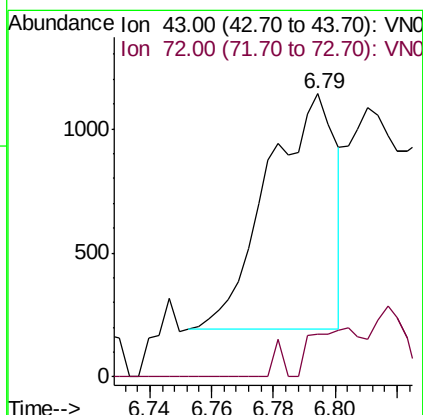
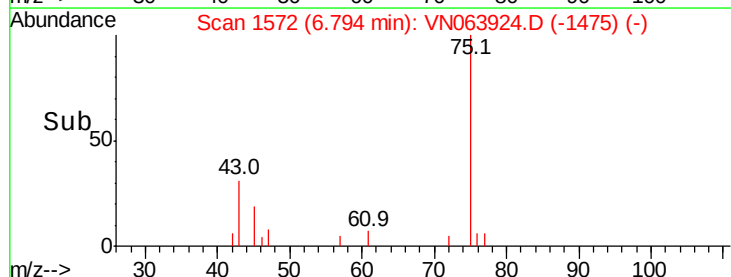
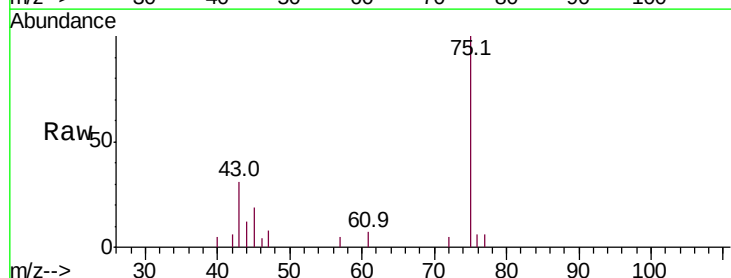
Instrument :
MSVOA_N
ClientSampled :
B-18(0-1)

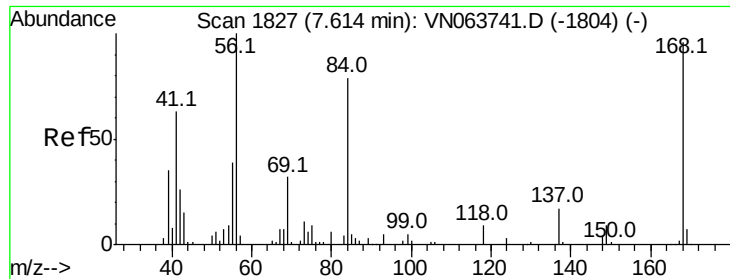
Tot Ion:	84	Resp:	10282
Ion	Ratio	Lower	Upper
84	100		
49	134.8	110.4	165.6
51	42.7	33.3	49.9
86	61.1	50.7	76.1



#25
2-Butanone
Concen: 0.885 ug/l
RT: 6.79 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN063924.D
Acq: 7 Oct 2020 4:41

Tgt Ion:	43	Resp:	1446
Ion	Ratio	Lower	Upper
43	100		
72	18.4	19.3	28.9#

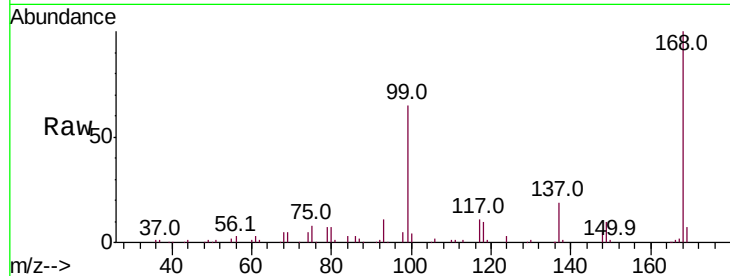




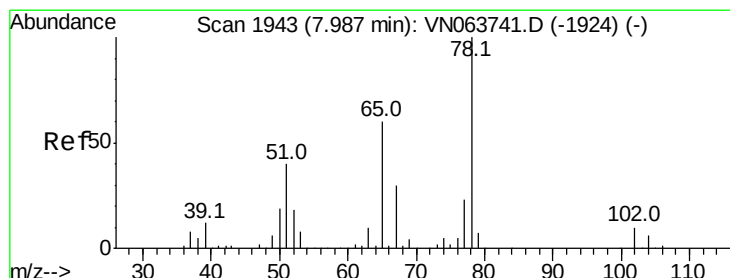
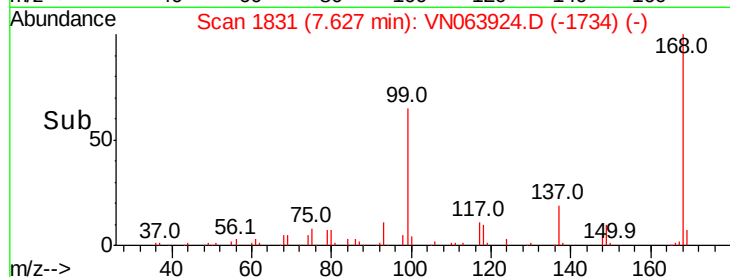
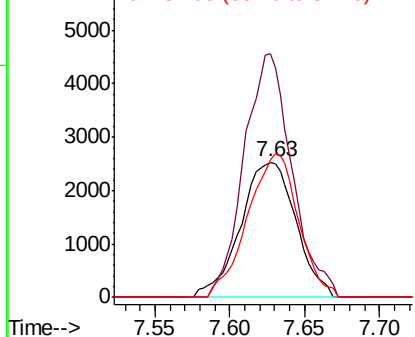
#31
Cyclohexane
Concen: 1.494 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN063924.D
Acq: 7 Oct 2020 4:41

Instrument :
MSVOA_N
ClientSampled :
B-18(0-1)

Tot Ion: 56 Resp: 6494
Ion Ratio Lower Upper
56 100
69 179.8 25.4 38.2#
84 101.5 63.3 94.9#

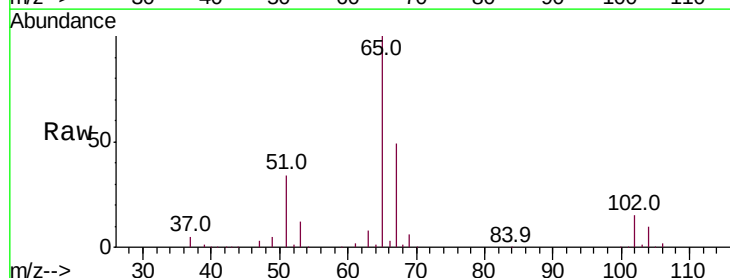


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

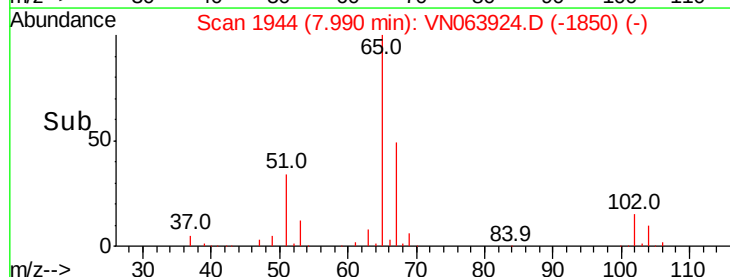
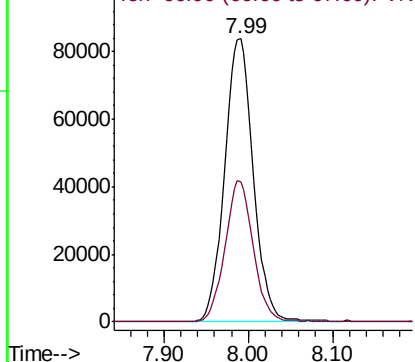


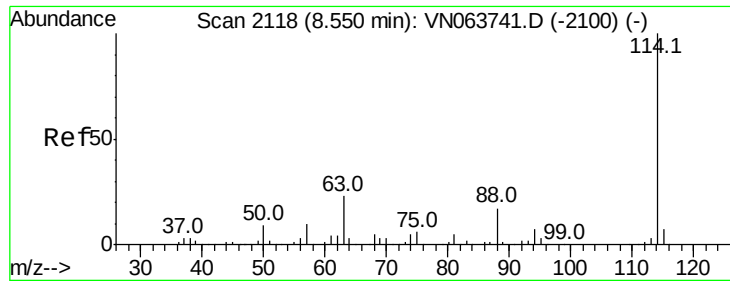
#33
1,2-Dichloroethane-d4
Concen: 52.835 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN063924.D
Acq: 7 Oct 2020 4:41

Tgt Ion: 65 Resp: 197876
Ion Ratio Lower Upper
65 100
67 49.0 0.0 99.6



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

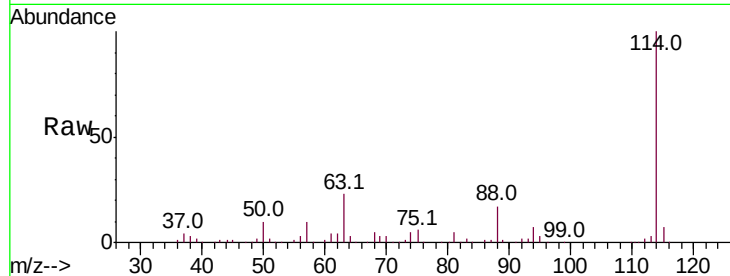




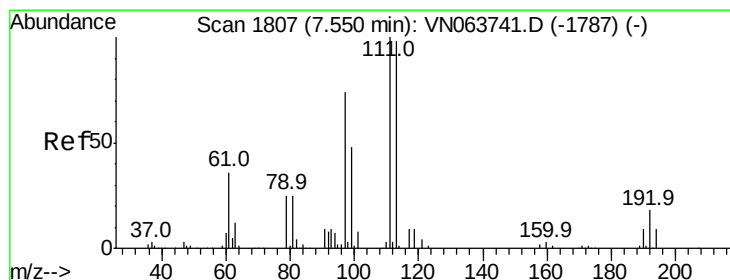
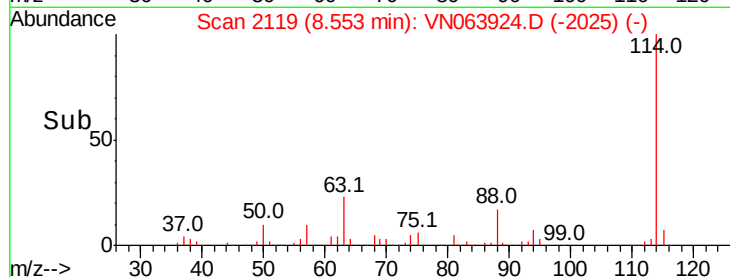
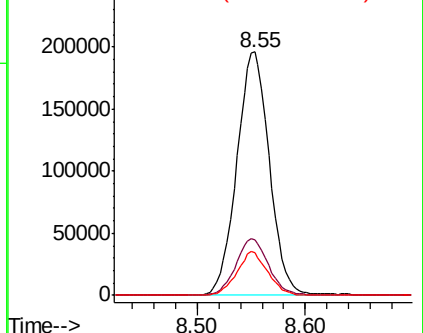
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063924.D
 Acq: 7 Oct 2020 4:41

Instrument :
 MSVOA_N
 ClientSampled :
 B-18(0-1)

Tot Ion:114 Resp: 412154
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.0
 88 17.3 0.0 34.0

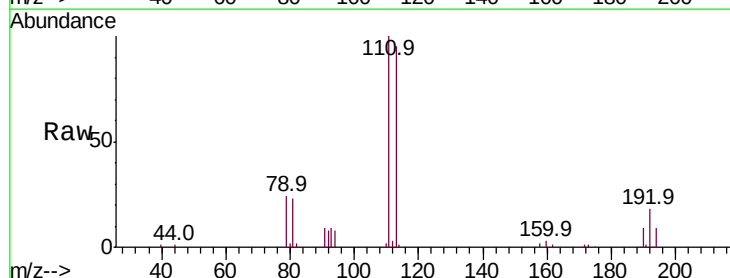


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

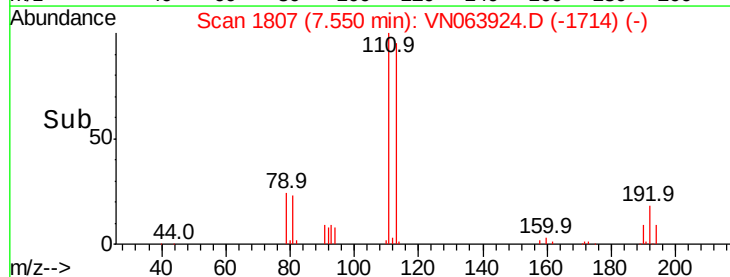
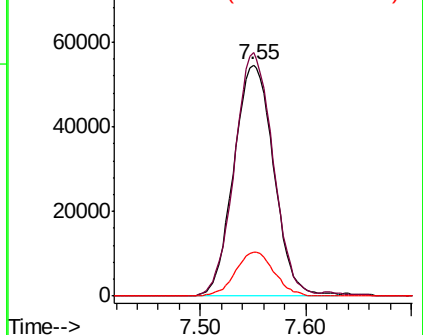


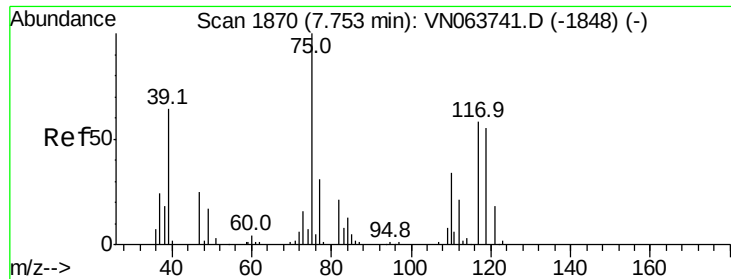
#35
 Dibromofluoromethane
 Concen: 50.326 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063924.D
 Acq: 7 Oct 2020 4:41

Tgt Ion:113 Resp: 143925
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.8 122.8
 192 18.5 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

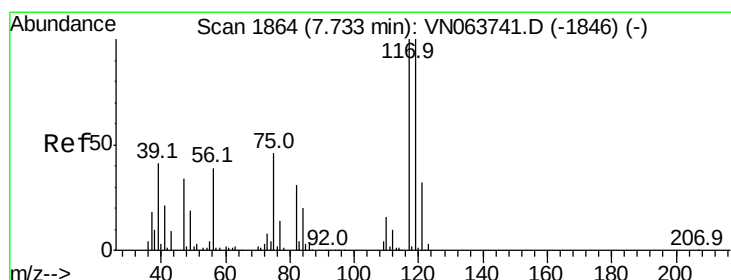
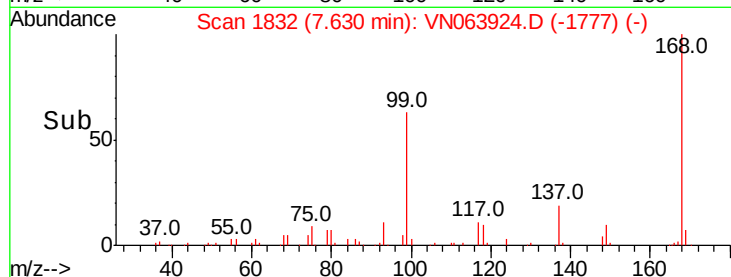
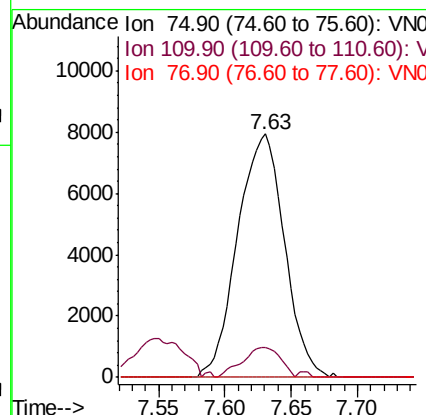
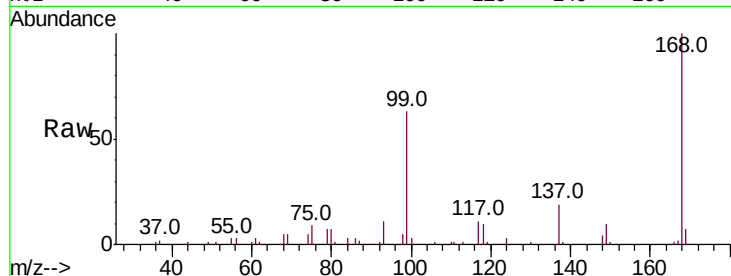




#36
 1,1-Dichloropropene
 Concen: 4.666 ug/l
 RT: 7.63 min Scan# 1832
 Delta R.T. -0.12 min
 Lab File: VN063924.D
 Acq: 7 Oct 2020 4:41

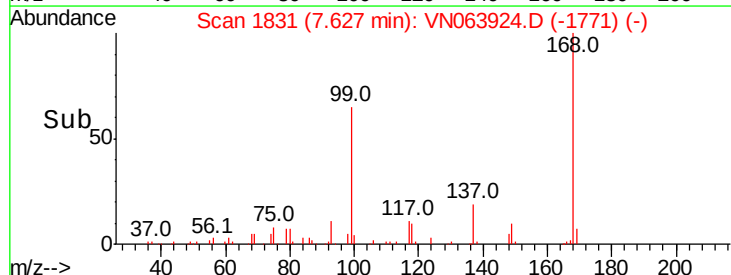
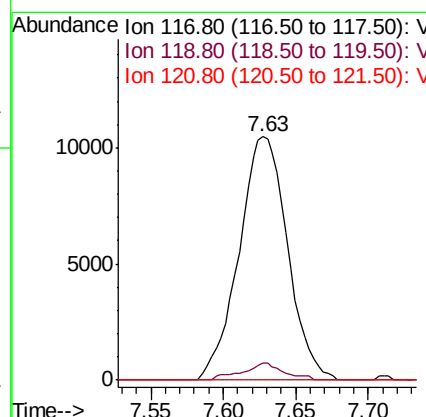
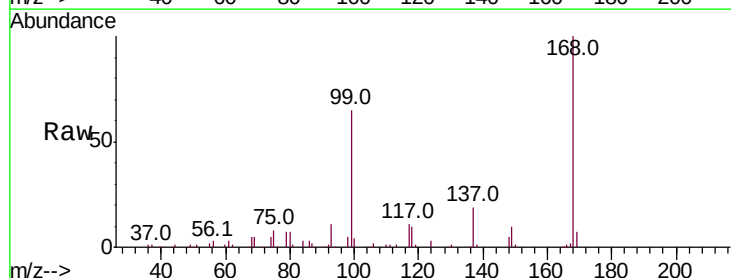
Instrument :
 MSVOA_N
 ClientSampleId :
 B-18(0-1)

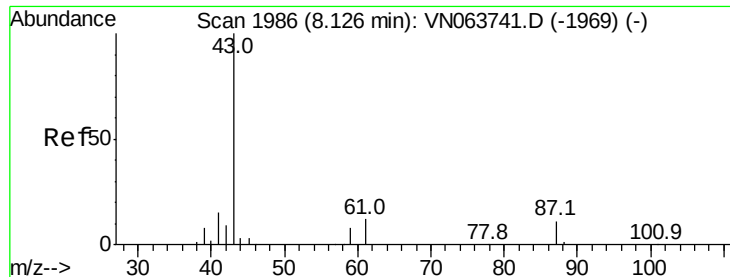
Tot Ion: 75 Resp: 19484
 Ion Ratio Lower Upper
 75 100
 110 10.1 16.9 50.6#
 77 0.0 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 5.201 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.11 min
 Lab File: VN063924.D
 Acq: 7 Oct 2020 4:41

Tgt Ion: 117 Resp: 24352
 Ion Ratio Lower Upper
 117 100
 119 6.8 80.1 120.1#
 121 0.0 25.7 38.5#





#43

Isopropyl Acetate

Concen: 10.378 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063924.D

Acq: 7 Oct 2020 4:41

Instrument :

MSVOA_N

ClientSampleId :

B-18(0-1)

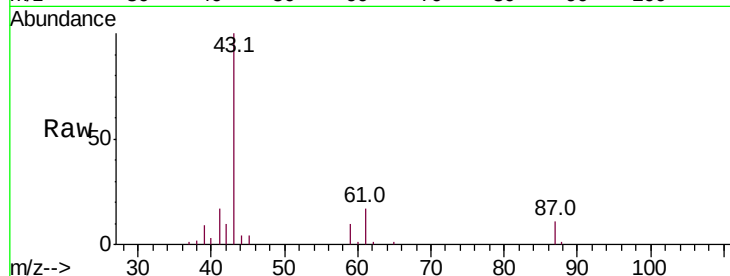
Tot Ion: 43 Resp: 71016

Ion Ratio Lower Upper

43 100

61 16.1 14.2 21.4

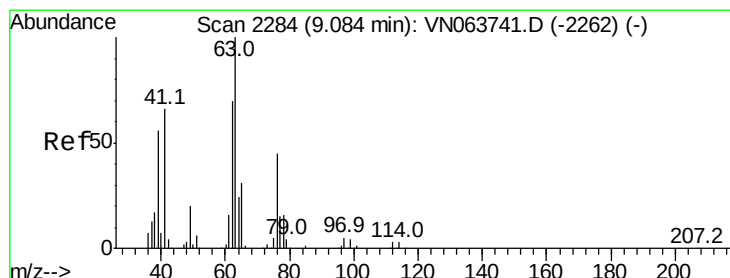
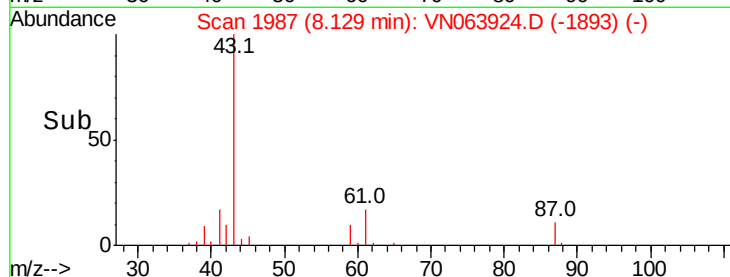
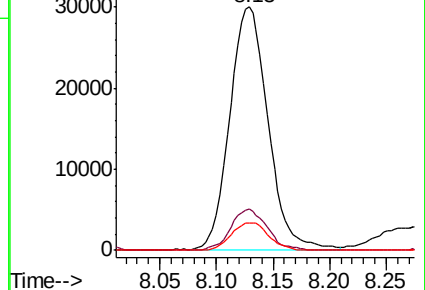
87 11.1 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO



#45

1,2-Dichloropropane

Concen: 0.274 ug/l

RT: 9.24 min Scan# 2333

Delta R.T. 0.16 min

Lab File: VN063924.D

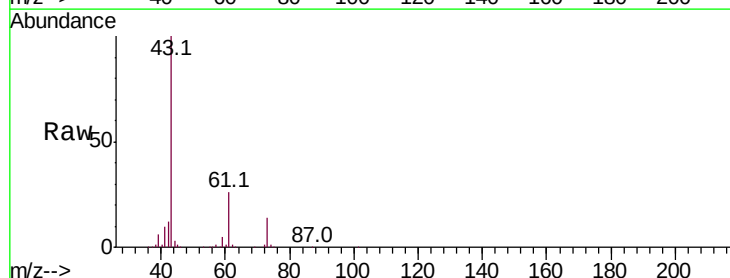
Acq: 7 Oct 2020 4:41

Tgt Ion: 63 Resp: 883

Ion Ratio Lower Upper

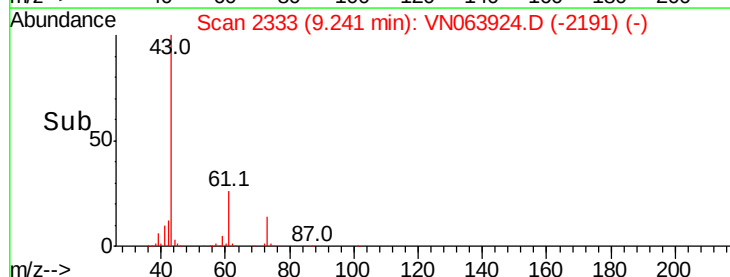
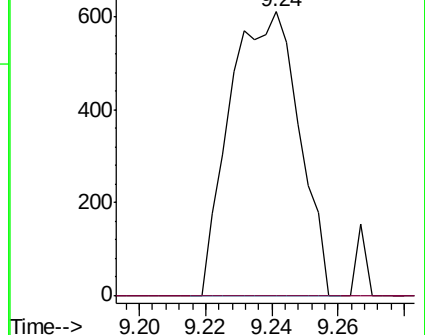
63 100

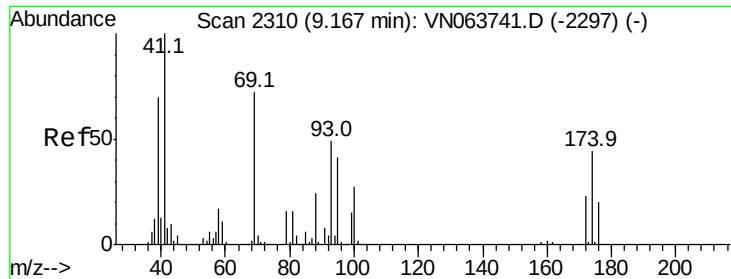
65 0.0 24.7 37.1#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO

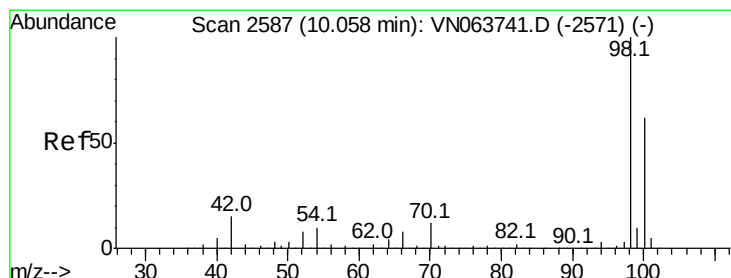
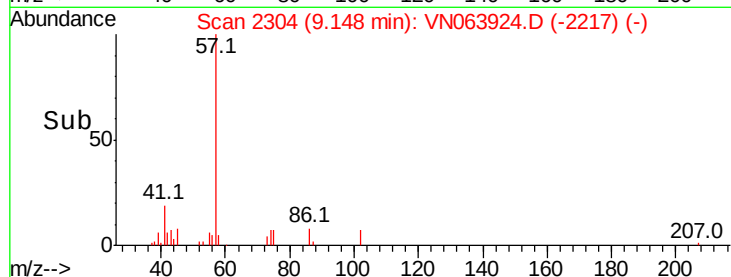
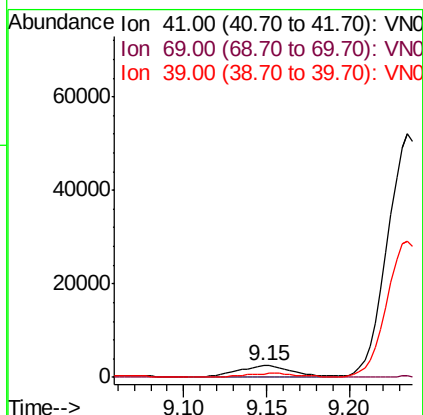
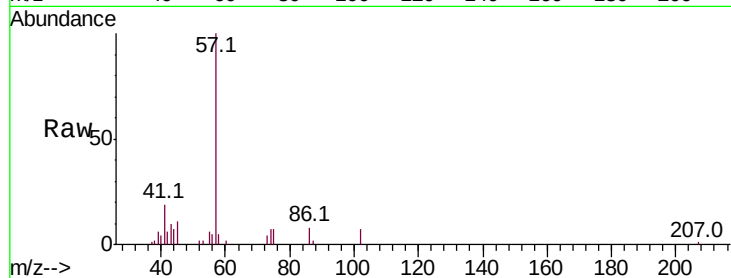




#48
Methvl methacrylate
Concen: 1.718 ug/l
RT: 9.15 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN063924.D
Acq: 7 Oct 2020 4:41

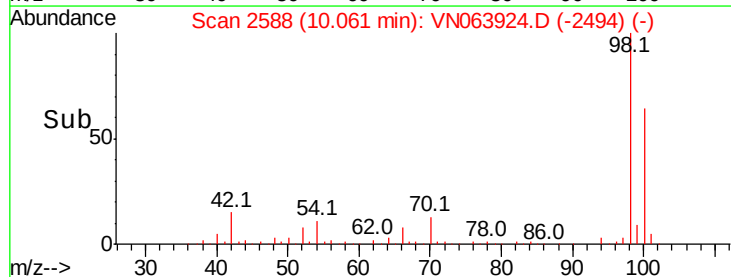
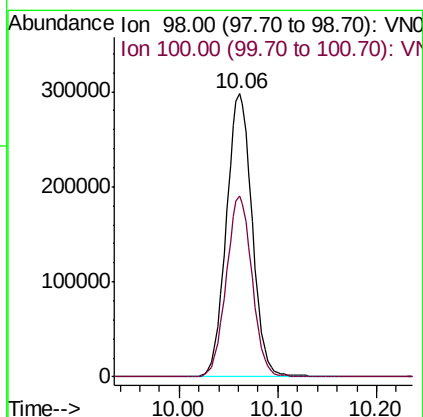
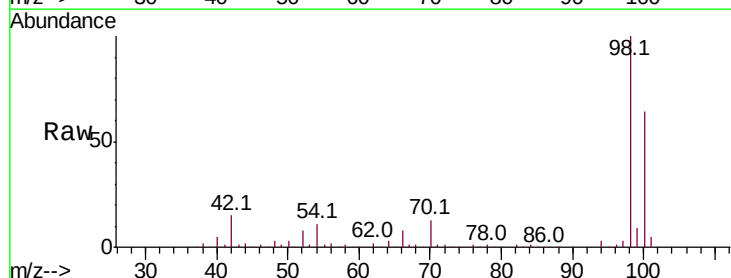
Instrument :
MSVOA_N
ClientSampled :
B-18(0-1)

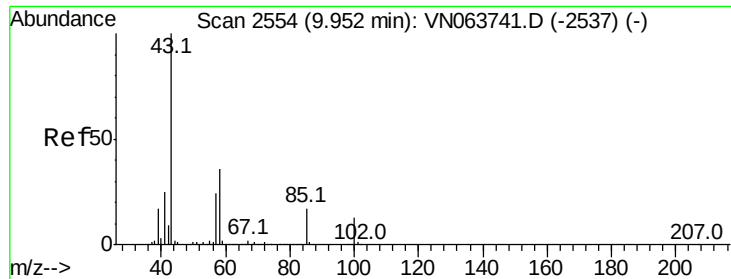
Tot Ion: 41 Resp: 5809
Ion Ratio Lower Upper
41 100
69 0.0 60.9 91.3#
39 32.8 57.5 86.3#



#50
Toluene-d8
Concen: 50.267 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063924.D
Acq: 7 Oct 2020 4:41

Tgt Ion: 98 Resp: 544967
Ion Ratio Lower Upper
98 100
100 63.9 49.8 74.6





#51

4-Methyl-2-Pentanone

Concen: 2.291 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063924.D

Acq: 7 Oct 2020 4:41

Instrument :

MSVOA_N

ClientSampleId :

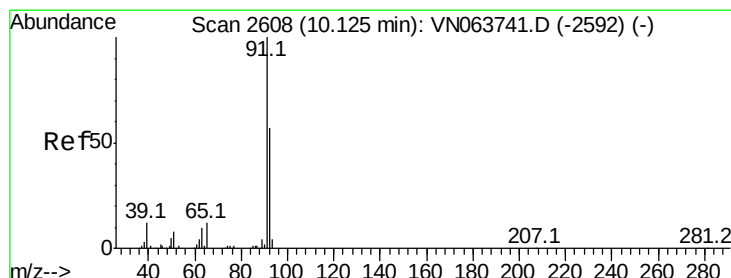
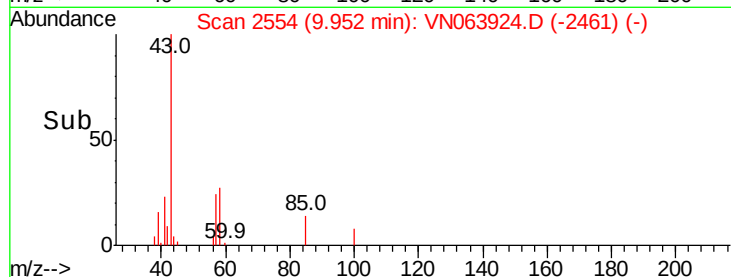
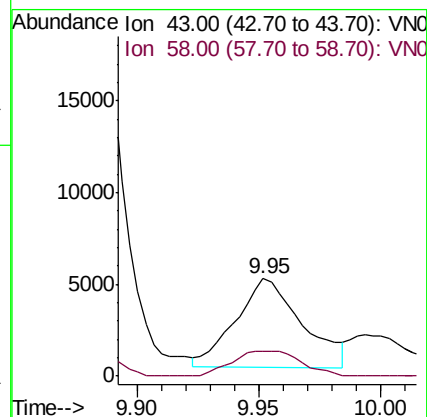
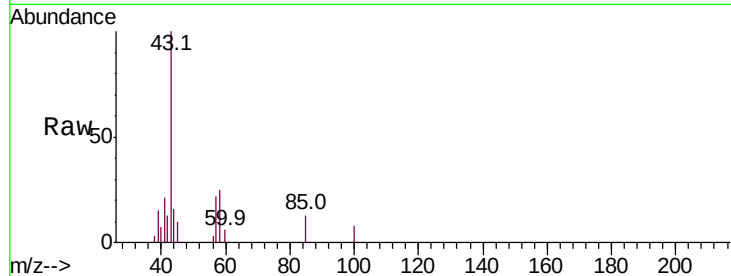
B-18(0-1)

Tot Ion: 43 Resp: 9198

Ion Ratio Lower Upper

43 100

58 29.1 28.4 42.6



#52

Toluene

Concen: 0.202 ug/l

RT: 10.13 min Scan# 2610

Delta R.T. 0.01 min

Lab File: VN063924.D

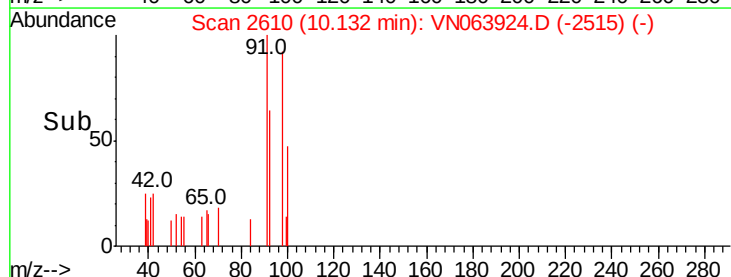
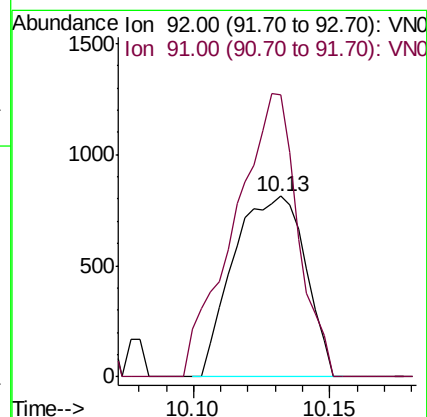
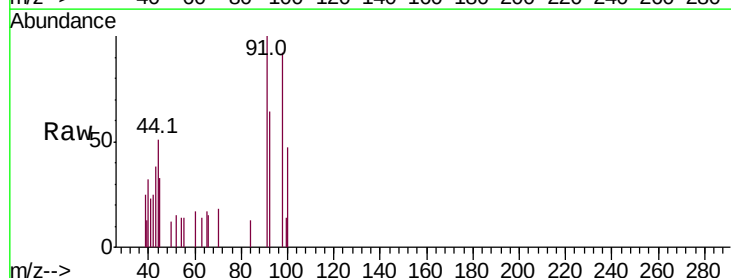
Acq: 7 Oct 2020 4:41

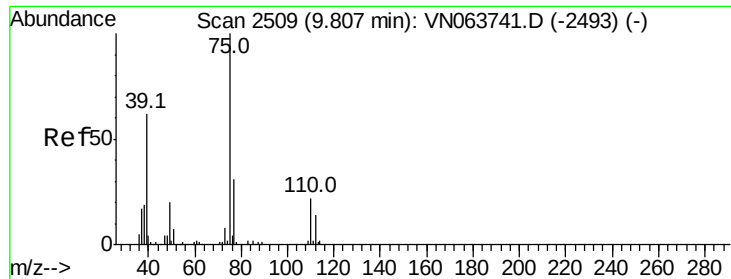
Tgt Ion: 92 Resp: 1490

Ion Ratio Lower Upper

92 100

91 137.8 140.6 210.8#





#54

cis-1,3-Dichloropropene

Concen: 5.621 ug/l

RT: 9.87 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN063924.D

Acq: 7 Oct 2020 4:41

Instrument :

MSVOA_N

ClientSampleId :

B-18(0-1)

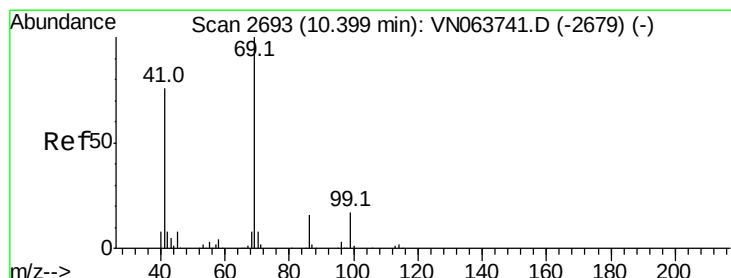
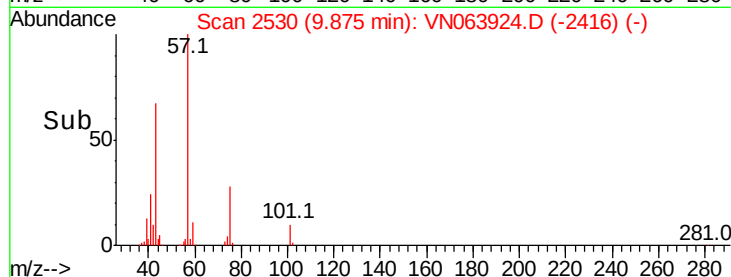
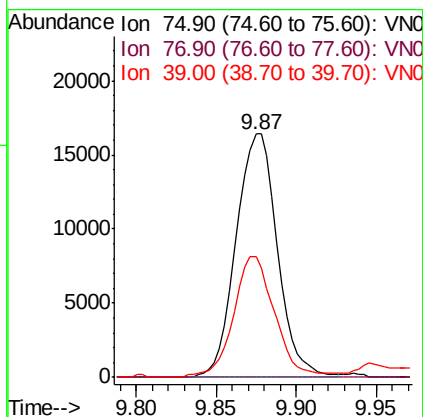
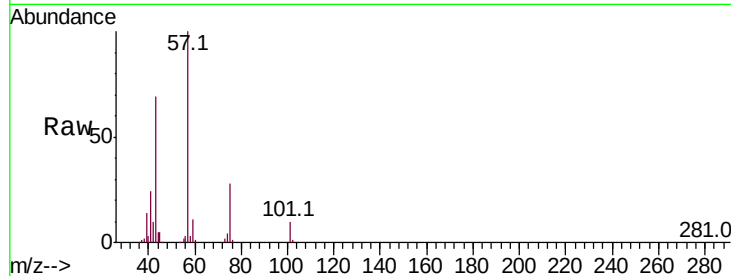
Tot Ion: 75 Resp: 28859

Ion Ratio Lower Upper

75 100

77 0.0 24.6 36.8#

39 48.6 49.7 74.5#



#56

Ethyl methacrylate

Concen: 0.244 ug/l

RT: 10.51 min Scan# 2727

Delta R.T. 0.11 min

Lab File: VN063924.D

Acq: 7 Oct 2020 4:41

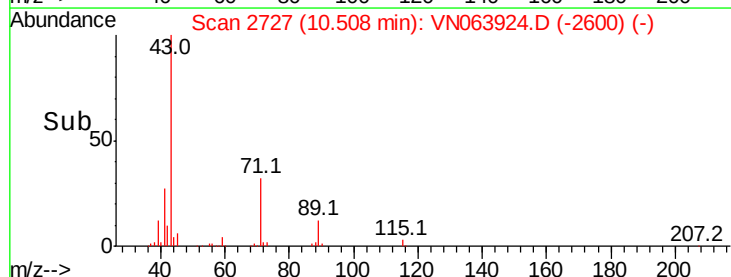
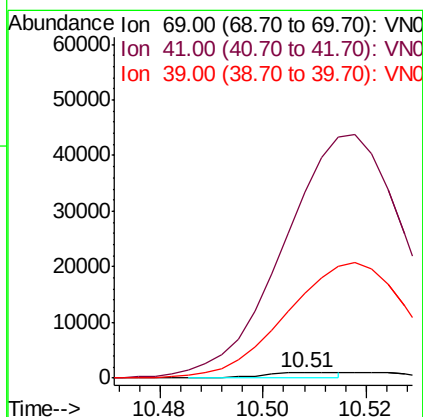
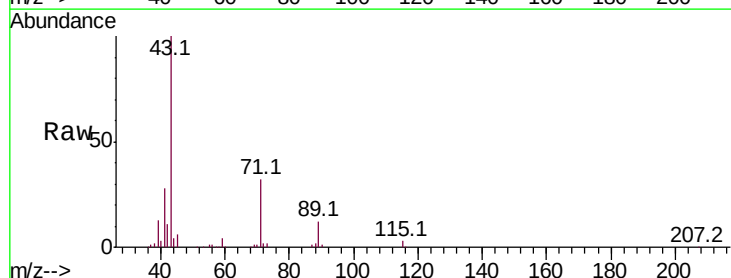
Tgt Ion: 69 Resp: 1022

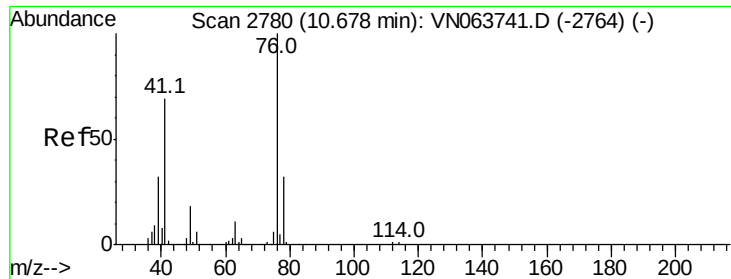
Ion Ratio Lower Upper

69 100

41 7252.7 61.1 91.7#

39 3486.0 42.2 63.4#





#57

1,3-Dichloropropane

Concen: 0.754 ug/l

RT: 10.74 min Scan# 2798

Delta R.T. 0.06 min

Lab File: VN063924.D

Acq: 7 Oct 2020 4:41

Instrument :

MSVOA_N

ClientSampled :

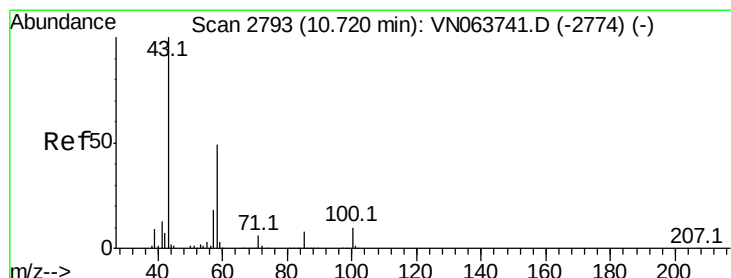
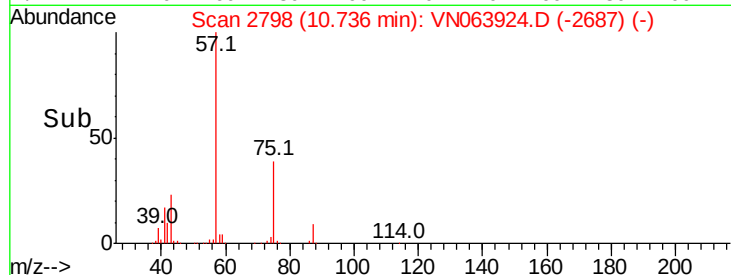
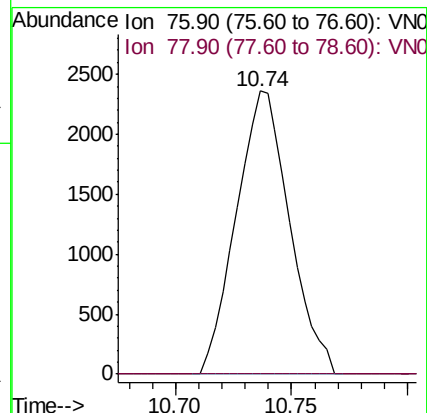
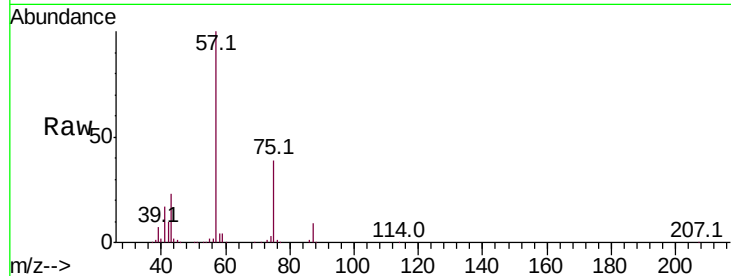
B-18(0-1)

Tot Ion: 76 Resp: 3772

Ion Ratio Lower Upper

76 100

78 0.0 25.2 37.8#



#59

2-Hexanone

Concen: 22.485 ug/l

RT: 10.74 min Scan# 2798

Delta R.T. 0.02 min

Lab File: VN063924.D

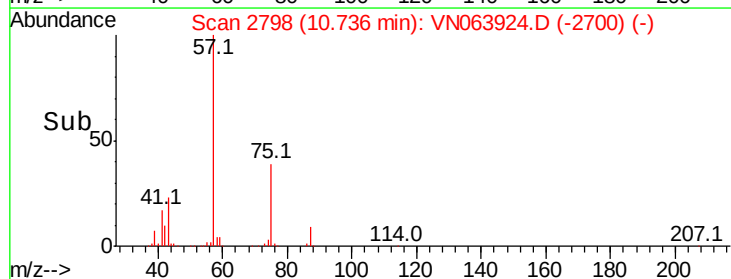
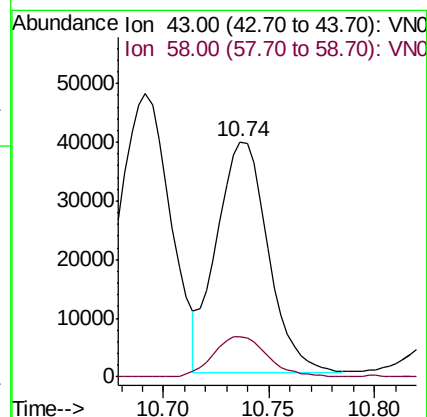
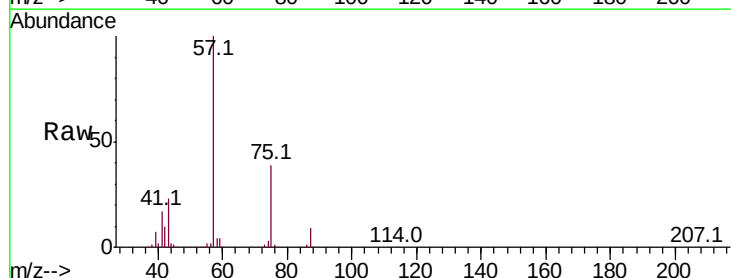
Acq: 7 Oct 2020 4:41

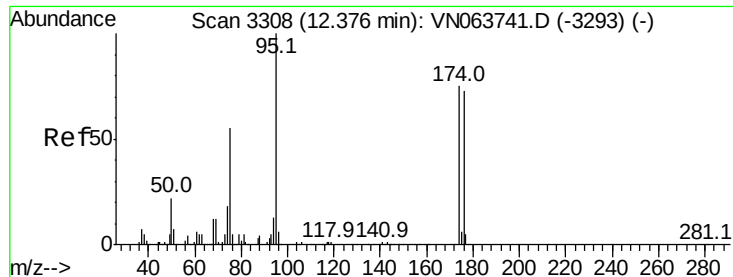
Tgt Ion: 43 Resp: 67073

Ion Ratio Lower Upper

43 100

58 18.3 24.6 73.8#





#62

4-Bromofluorobenzene

Concen: 51.251 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063924.D

Acq: 7 Oct 2020 4:41

Instrument :

MSVOA_N

ClientSampleId :

B-18(0-1)

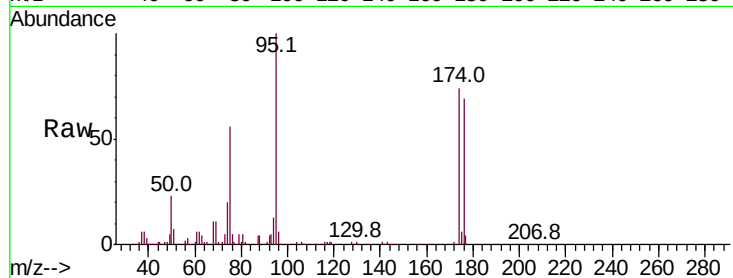
Tot Ion: 95 Resp: 208867

Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.6

176 71.2 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063741.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063741.D (-3293) (-)

12.38

150000

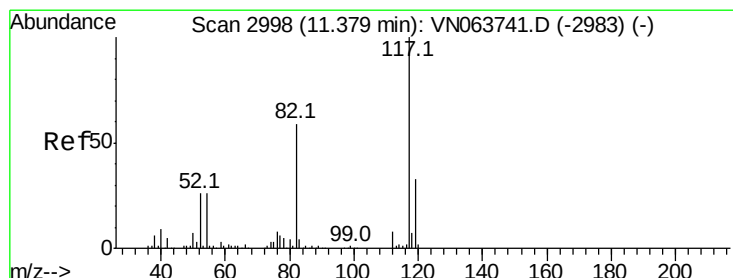
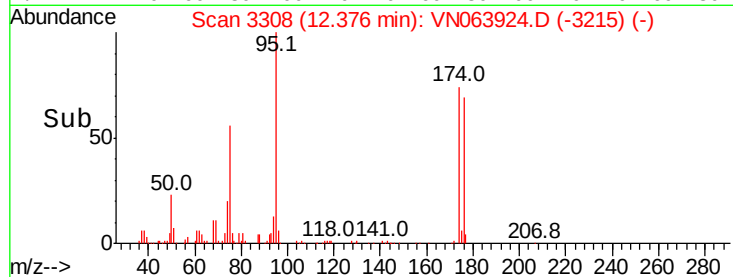
100000

50000

0

12.30 12.35 12.40 12.45

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063924.D

Acq: 7 Oct 2020 4:41

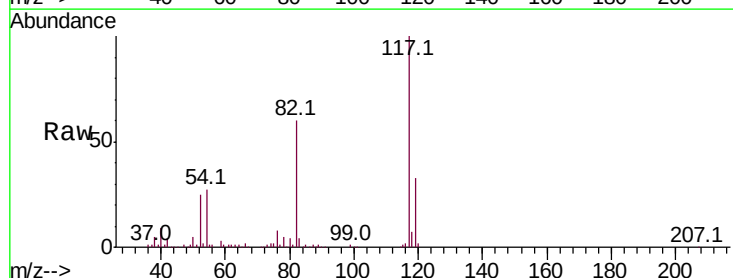
Tgt Ion: 117 Resp: 433463

Ion Ratio Lower Upper

117 100

82 60.4 47.4 71.2

119 32.5 26.4 39.6



Abundance Ion 116.90 (116.60 to 117.60): VN063741.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063741.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063741.D (-2983) (-)

11.38

300000

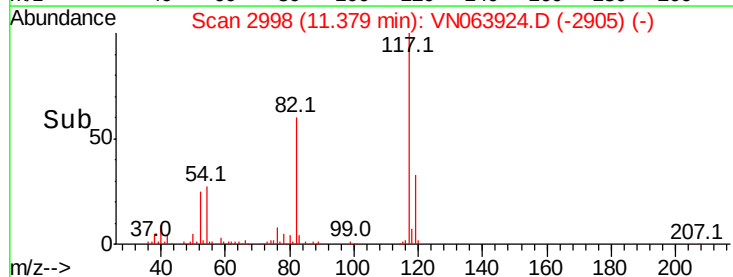
200000

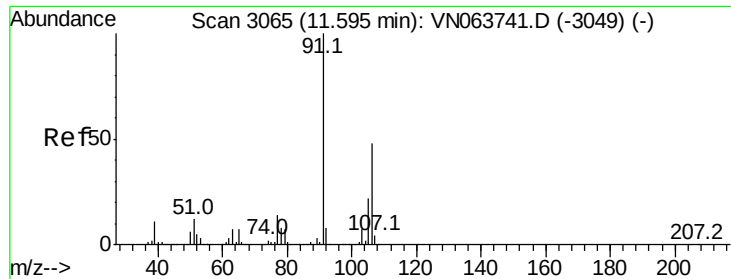
100000

0

11.30 11.40

Time-->

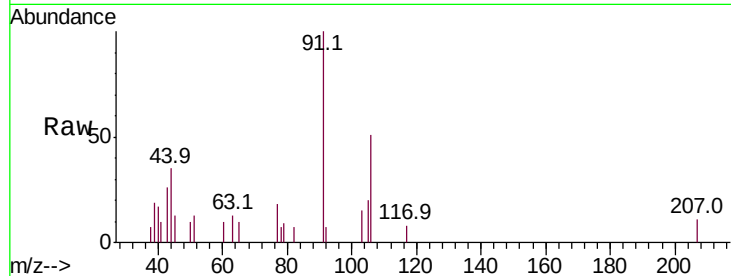




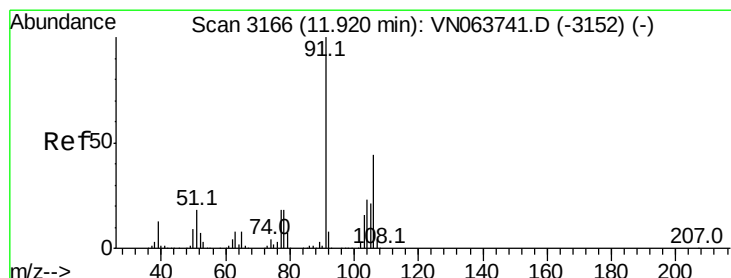
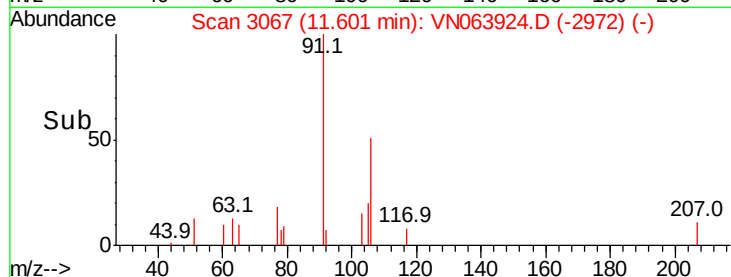
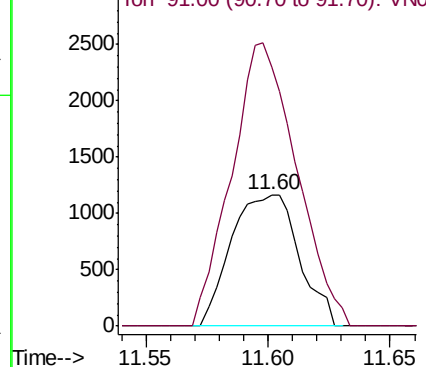
#68
m/p-Xylenes
Concen: 0.373 ug/l
RT: 11.60 min Scan# 3067
Delta R.T. 0.01 min
Lab File: VN063924.D
Acq: 7 Oct 2020 4:41

Instrument :
MSVOA_N
ClientSampled :
B-18(0-1)

Tot Ion:106 Resp: 2249
Ion Ratio Lower Upper
106 100
91 206.6 168.0 252.0

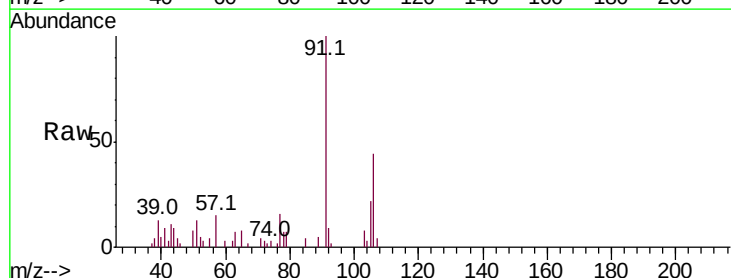


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

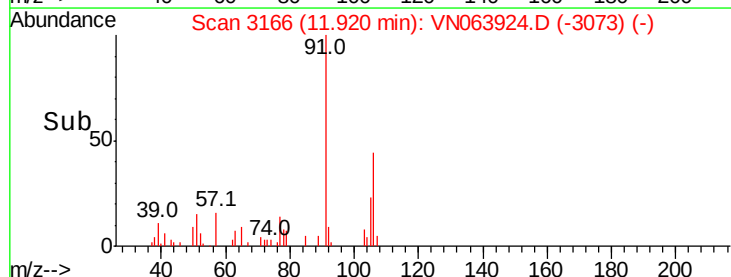
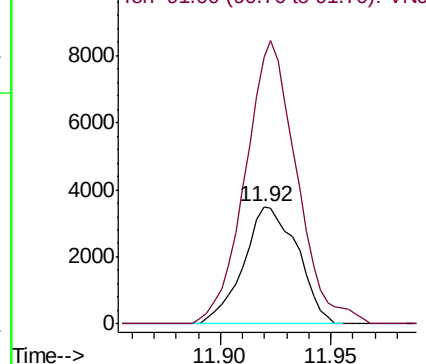


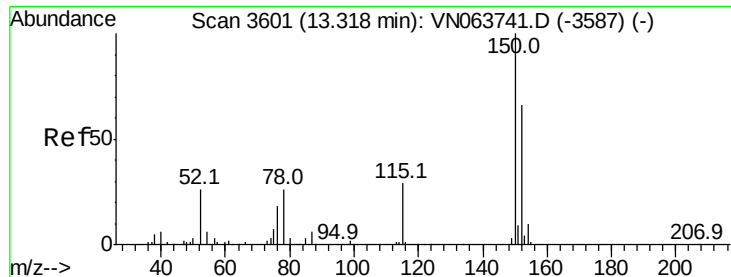
#69
o-Xylene
Concen: 1.051 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN063924.D
Acq: 7 Oct 2020 4:41

Tgt Ion:106 Resp: 5926
Ion Ratio Lower Upper
106 100
91 230.9 112.7 338.0



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063924.D

Acq: 7 Oct 2020 4:41

Instrument :

MSVOA_N

ClientSampleId :

B-18(0-1)

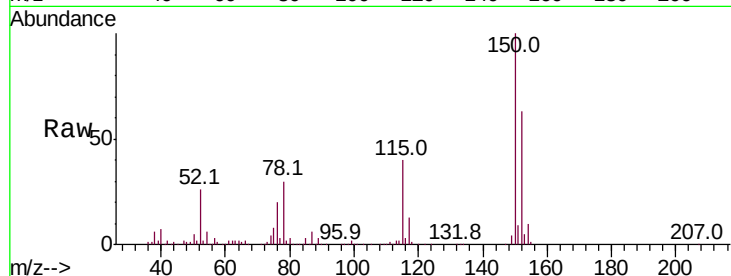
Tot Ion:152 Resp: 179635

Ion Ratio Lower Upper

152 100

115 64.1 31.3 93.8

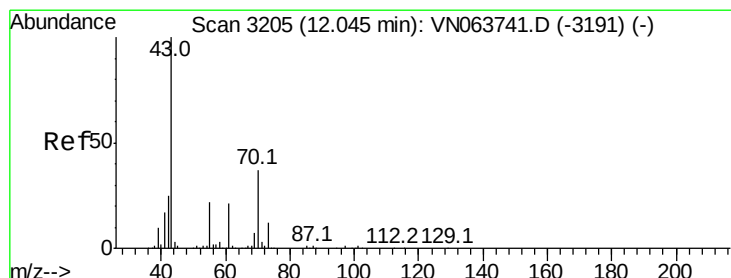
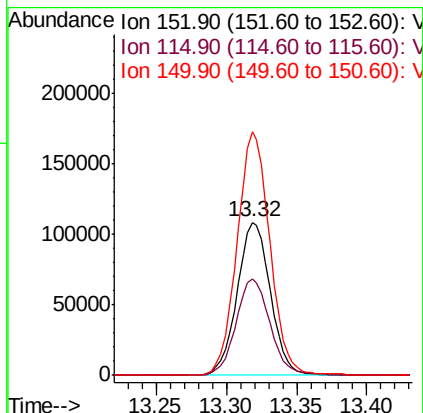
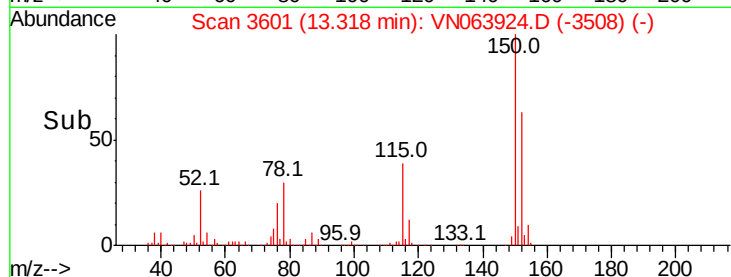
150 157.3 0.0 341.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 2.460 ug/l

RT: 12.01 min Scan# 3193

Delta R.T. -0.04 min

Lab File: VN063924.D

Acq: 7 Oct 2020 4:41

Tgt Ion: 43 Resp: 1558

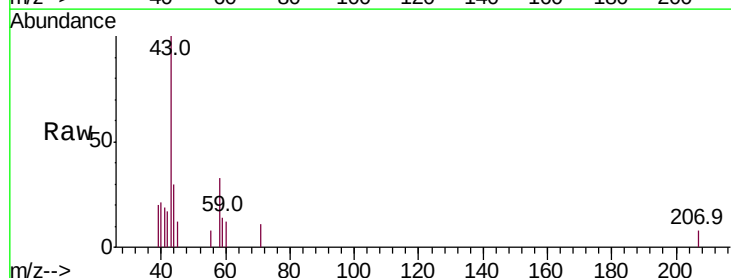
Ion Ratio Lower Upper

43 100

70 2.0 29.8 44.8#

55 11.5 17.9 26.9#

61 0.0 17.0 25.4#

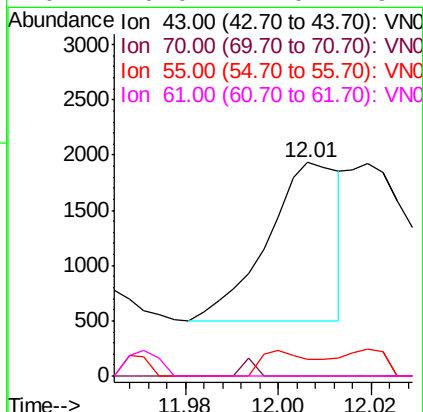
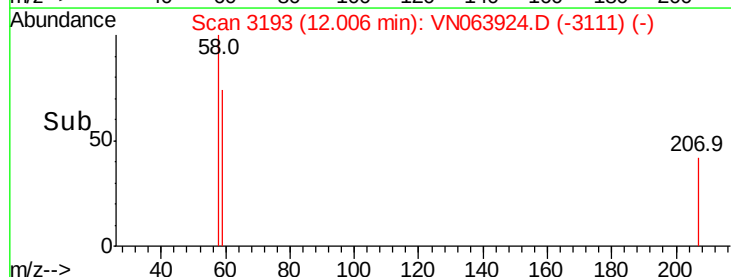


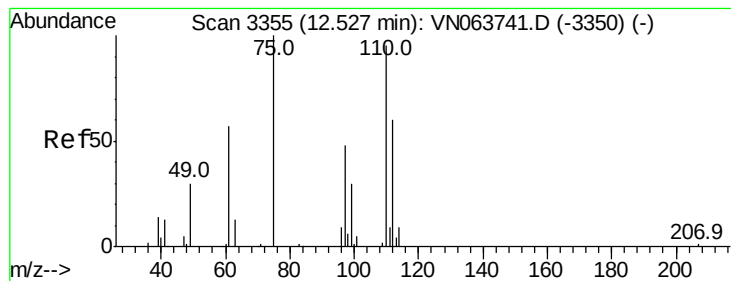
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 29.660 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063924.D

Acq: 7 Oct 2020 4:41

Instrument :

MSVOA_N

ClientSampleId :

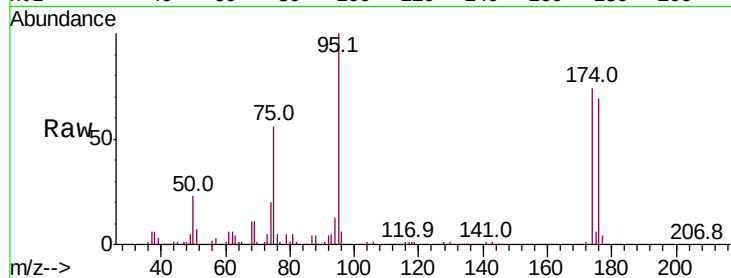
B-18(0-1)

Tot Ion: 75 Resp: 117448

Ion Ratio Lower Upper

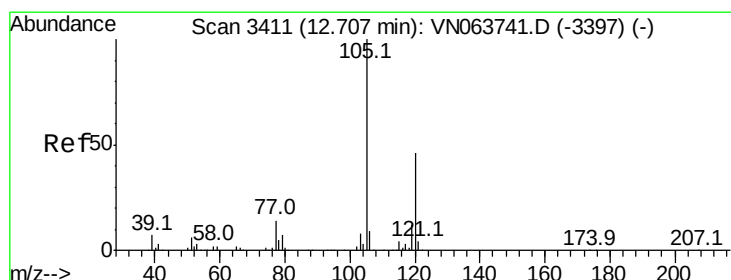
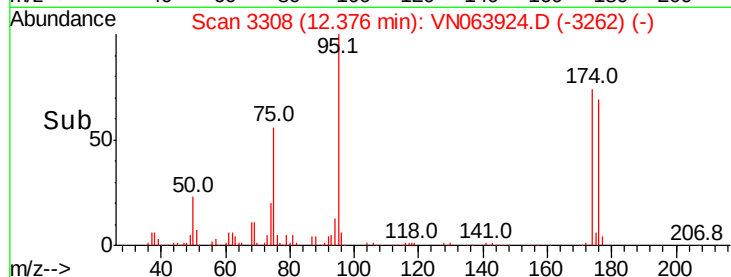
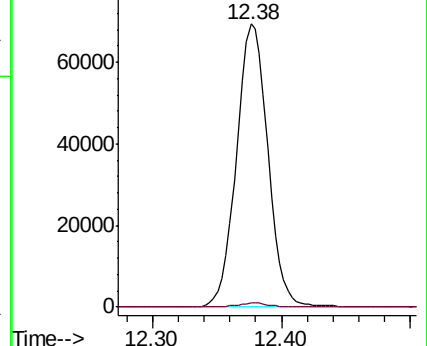
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN063741.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN063741.D (-3350) (-)



#80

1,3,5-Trimethylbenzene

Concen: 2.742 ug/l

RT: 12.71 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VN063924.D

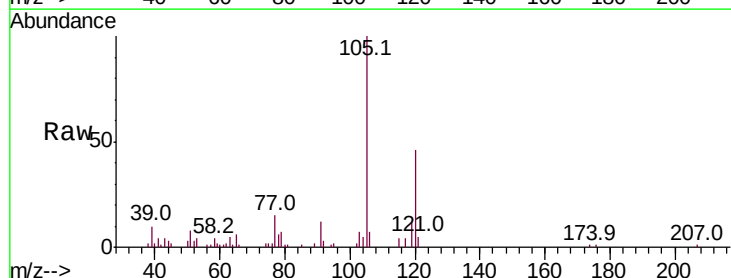
Acq: 7 Oct 2020 4:41

Tgt Ion: 105 Resp: 30143

Ion Ratio Lower Upper

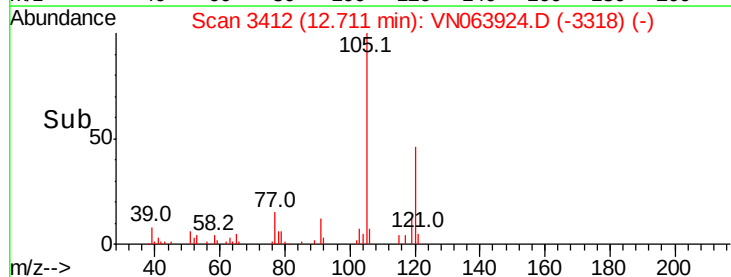
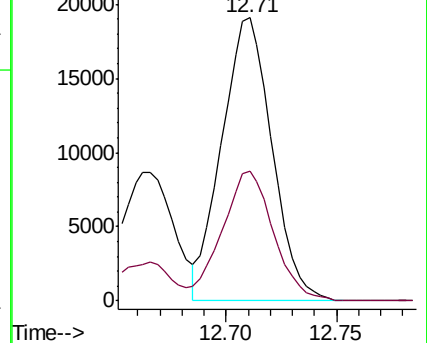
105 100

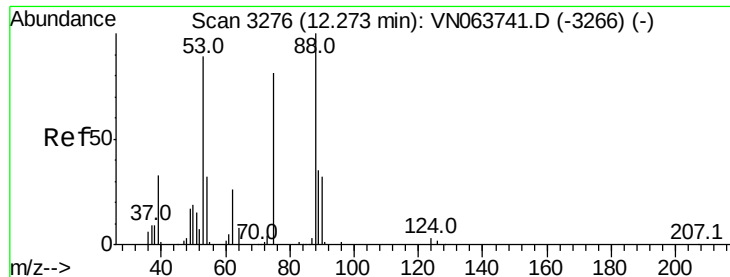
120 47.2 23.3 69.9



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: 85.424 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063924.D

Acq: 7 Oct 2020 4:41

Instrument :

MSVOA_N

ClientSampleId :

B-18(0-1)

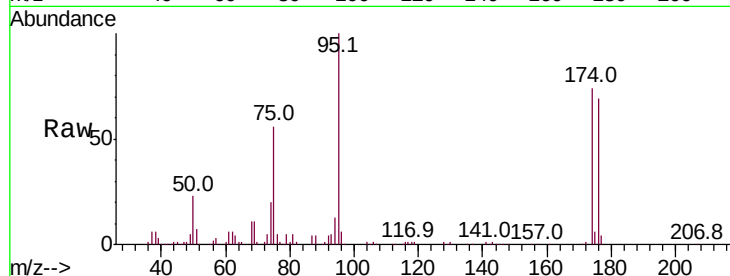
Tot Ion: 75 Resp: 117448

Ion Ratio Lower Upper

75 100

53 0.1 88.2 132.2#

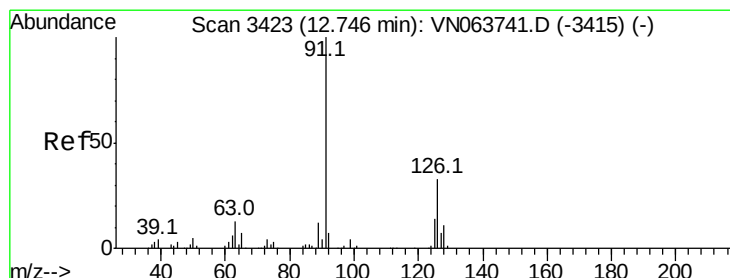
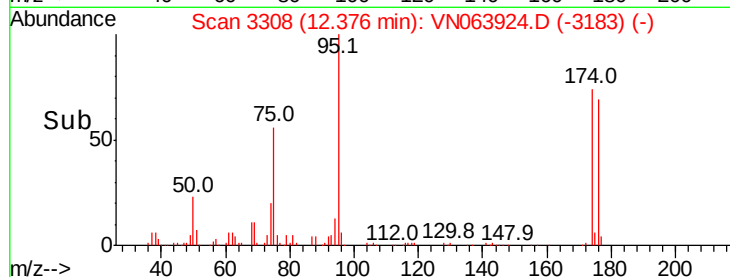
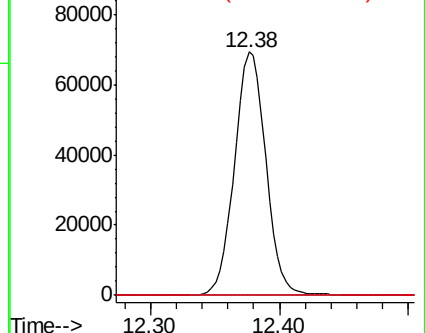
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.425 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.04 min

Lab File: VN063924.D

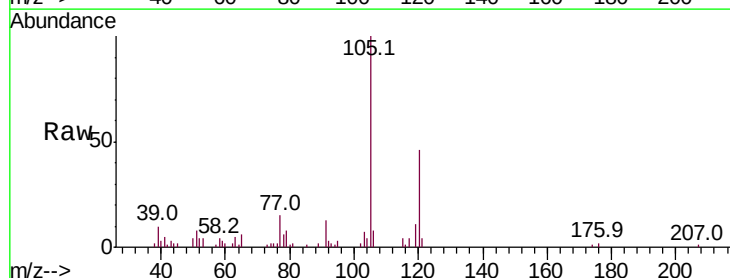
Acq: 7 Oct 2020 4:41

Tgt Ion: 91 Resp: 4142

Ion Ratio Lower Upper

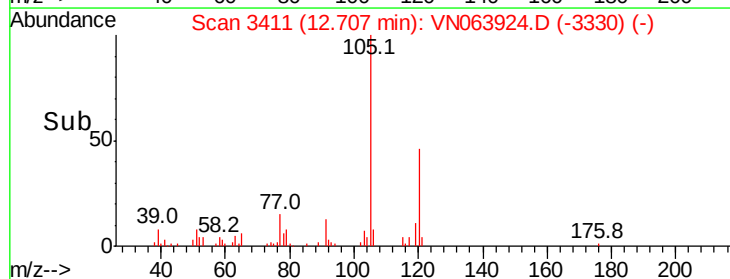
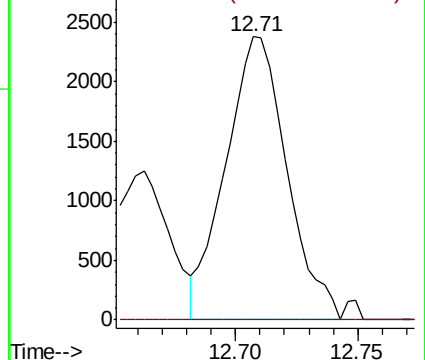
91 100

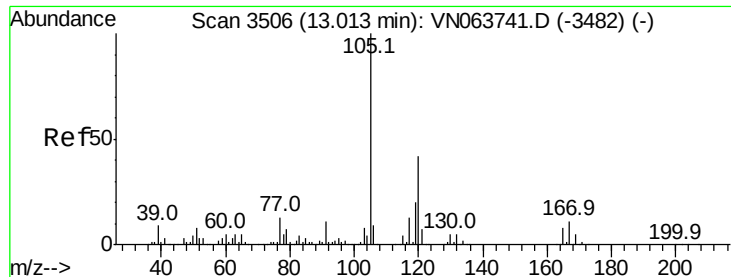
126 0.0 15.4 46.2#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#84

1,2,4-Trimethylbenzene

Concen: 1.161 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063924.D

Acq: 7 Oct 2020 4:41

Instrument :

MSVOA_N

ClientSampled :

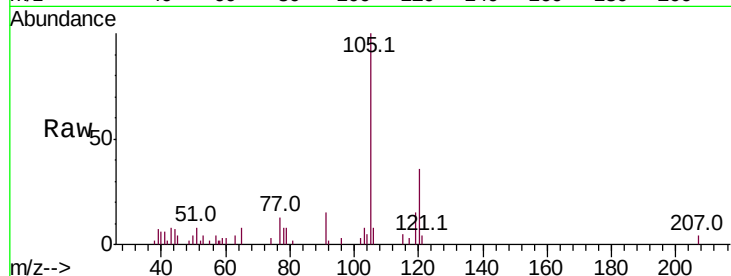
B-18(0-1)

Tot Ion:105 Resp: 12741

Ion Ratio Lower Upper

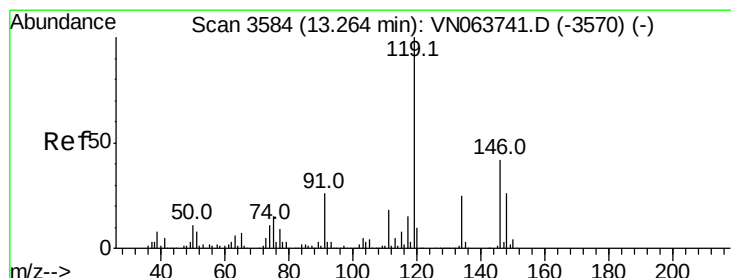
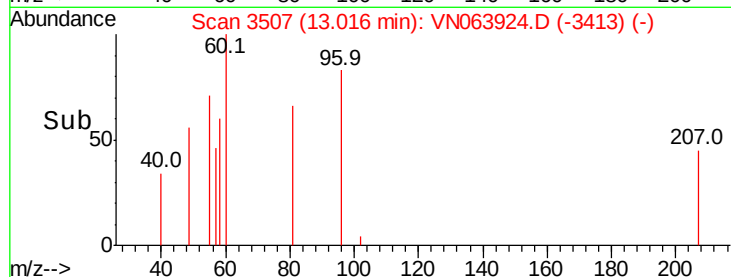
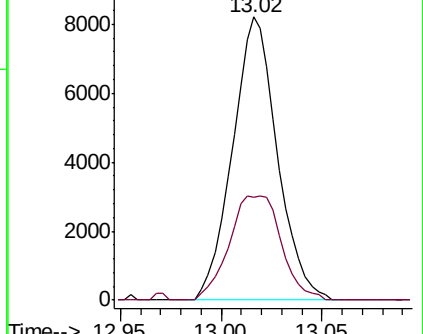
105 100

120 42.9 20.9 62.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#86

p-Isopropyltoluene

Concen: 0.376 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063924.D

Acq: 7 Oct 2020 4:41

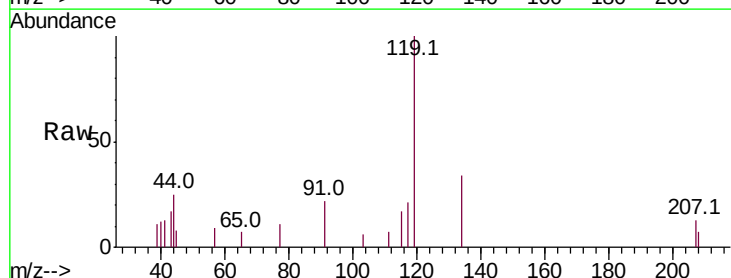
Tgt Ion:119 Resp: 3924

Ion Ratio Lower Upper

119 100

134 28.3 12.6 37.8

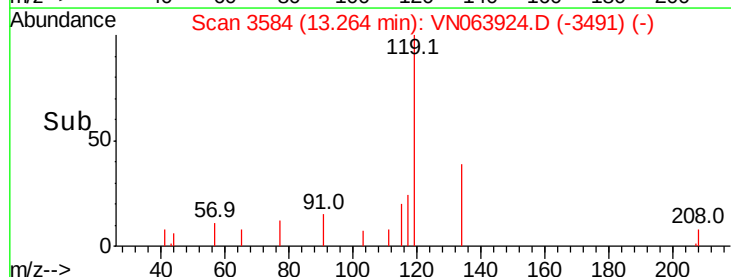
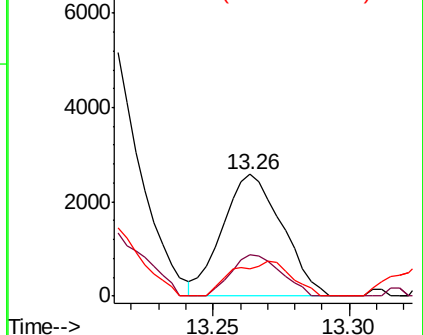
91 28.2 13.4 40.2

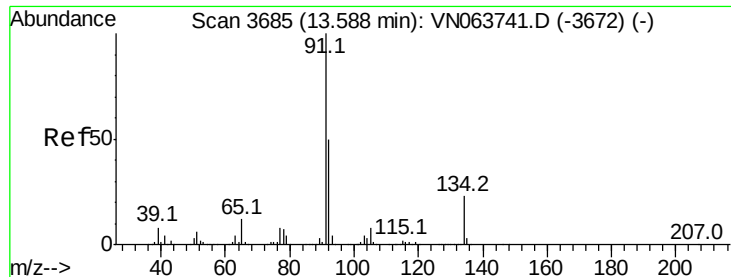


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 0.621 ug/l

RT: 13.56 min Scan# 3675

Delta R.T. -0.03 min

Lab File: VN063924.D

Acq: 7 Oct 2020 4:41

Instrument :

MSVOA_N

ClientSampled :

B-18(0-1)

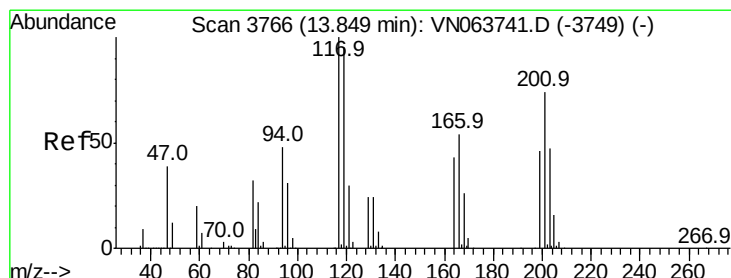
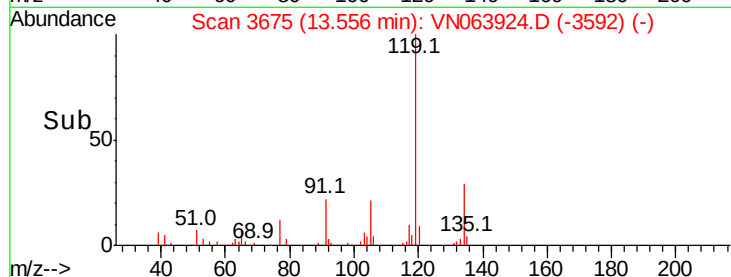
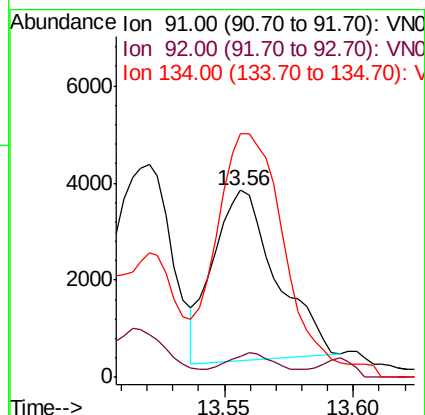
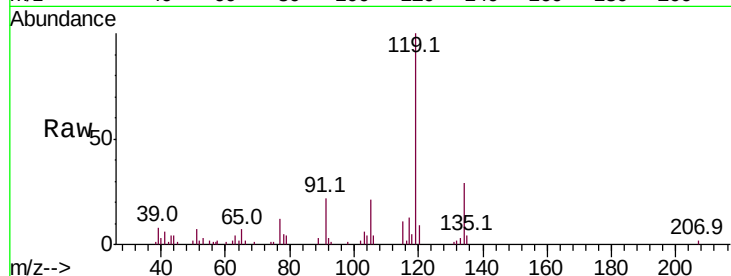
Tot Ion: 91 Resp: 5992

Ion Ratio Lower Upper

91 100

92 12.2 25.4 76.4#

134 156.4 11.7 35.1#



#90

Hexachloroethane

Concen: 1.328 ug/l

RT: 13.86 min Scan# 3771

Delta R.T. 0.02 min

Lab File: VN063924.D

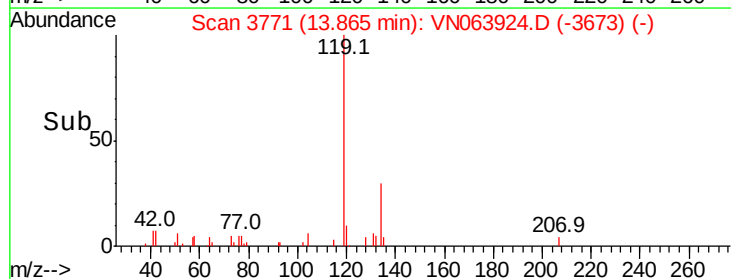
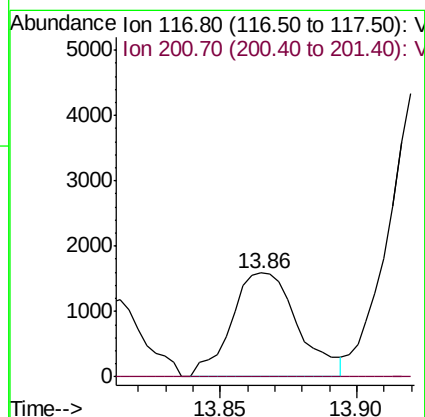
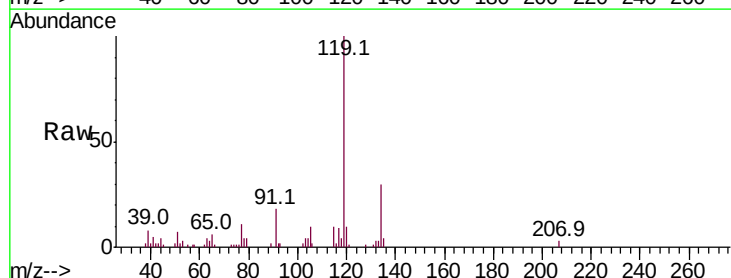
Acq: 7 Oct 2020 4:41

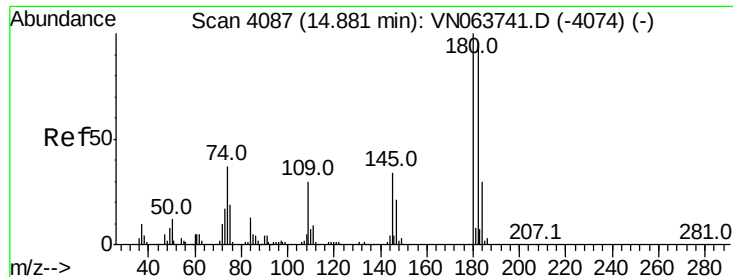
Tgt Ion: 117 Resp: 2688

Ion Ratio Lower Upper

117 100

201 0.0 36.0 108.0#





#93

1,2,4-Trichlorobenzene

Concen: 1.763 ug/l

RT: 14.88 min Scan# 4086

Delta R.T. -0.00 min

Lab File: VN063924.D

Acq: 7 Oct 2020 4:41

Instrument :

MSVOA_N

ClientSampleId :

B-18(0-1)

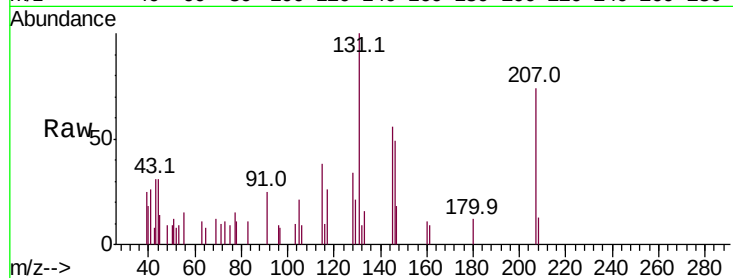
Tot Ion:180 Resp: 85

Ion Ratio Lower Upper

180 100

182 0.0 48.2 144.6#

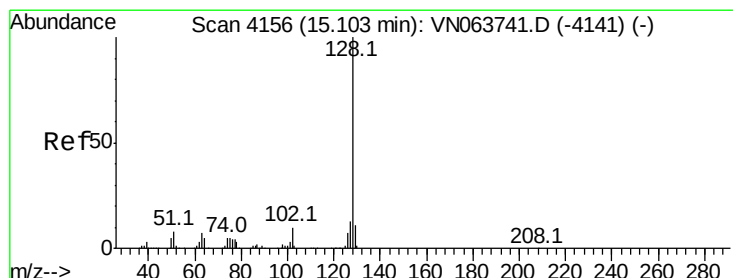
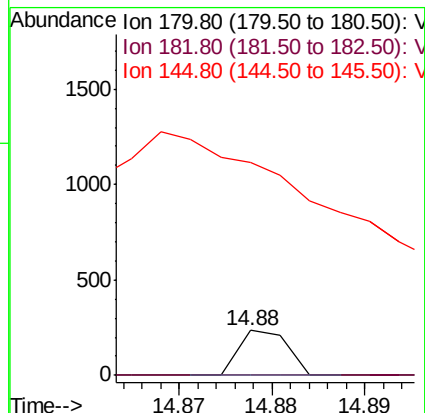
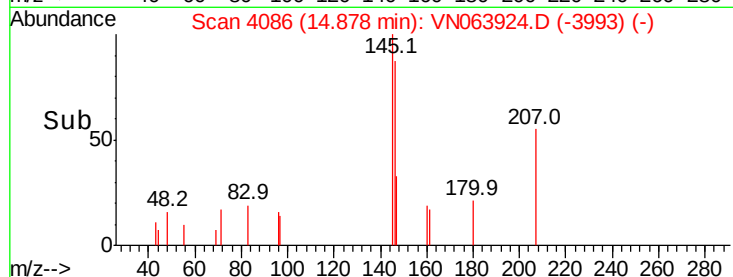
145 0.0 17.1 51.2#



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: 5.949 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063924.D

Acq: 7 Oct 2020 4:41

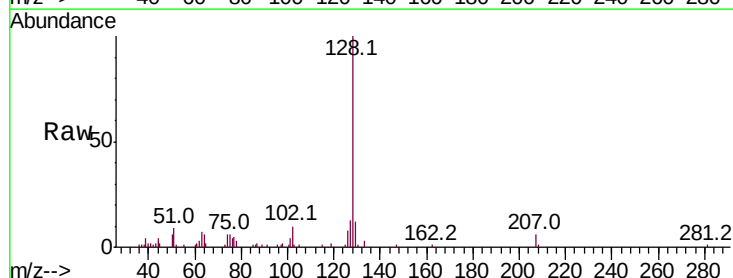
Tgt Ion:128 Resp: 40566

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 11.0 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

