

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063266.D
 Acq On : 5 Sep 2020 4:00
 Operator : JC/MD
 Sample : L3877-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Sep 05 07:34:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	291817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	554245	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	546848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	221739	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	227506	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
35) Dibromofluoromethane	7.55	113	172258	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
50) Toluene-d8	10.06	98	700529	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.38	95	252607	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	

Target Compounds

					Qvalue	
3) Chloromethane	2.03	50	1797	0.429	ug/l	96
5) Bromomethane	2.55	94	1950	0.501	ug/l #	76
7) Trichlorofluoromethane	3.00	101	31	Below Cal	#	19
11) Tert butyl alcohol	4.72	59	182	0.311	ug/l #	72
13) Acrolein	3.58	56	31	15.900	ug/l #	1
15) Acrylonitrile	4.97	53	30	2.422	ug/l #	17
16) Acetone	3.78	43	30329	22.365	ug/l	95
17) Carbon Disulfide	4.02	76	2285	0.240	ug/l #	74
18) Methyl Acetate	4.29	43	4192	1.206	ug/l #	88
20) Methylene Chloride	4.51	84	19691	4.719	ug/l	96
25) 2-Butanone	6.79	43	6990	3.329	ug/l #	66
29) Tetrahydrofuran	7.17	42	3093	2.130	ug/l #	49
31) Cyclohexane	7.63	56	8795	Below Cal	#	52
36) 1,1-Dichloropropene	7.63	75	27956	5.247	ug/l #	44
37) Ethyl Acetate	6.89	43	656	0.510	ug/l #	72
38) Carbon Tetrachloride	7.62	117	30314	5.610	ug/l #	15
40) Benzene	8.00	78	117080	7.477	ug/l	98
43) Isopropyl Acetate	8.13	43	83160	9.570	ug/l #	89
44) Trichloroethene	8.80	130	1875	0.494	ug/l	80
48) Methyl methacrylate	9.15	41	5091	1.300	ug/l #	13
49) 1,4-Dioxane	9.15	88	149	2.459	ug/l #	1
51) 4-Methyl-2-Pentanone	9.95	43	8353	1.769	ug/l #	70
52) Toluene	10.13	92	8860	0.908	ug/l	87
54) cis-1,3-Dichloropropene	9.87	75	33920	5.017	ug/l #	70
57) 1,3-Dichloropropane	10.74	76	4959	0.745	ug/l #	44
59) 2-Hexanone	10.74	43	58152	17.523	ug/l #	56
67) Ethyl Benzene	11.49	91	14291	0.711	ug/l	94
68) m/p-Xylenes	11.60	106	5665	0.761	ug/l	97
69) o-Xylene	11.92	106	2629	0.366	ug/l	78
73) Isopropylbenzene	12.23	105	8679	0.510	ug/l	90
76) 1,2,3-Trichloropropane	12.38	75	147975	33.965	ug/l #	100
77) Bromobenzene	12.43	156	38369	9.975	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.70	105	4803	0.339	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	147975	82.093	ug/l #	11

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

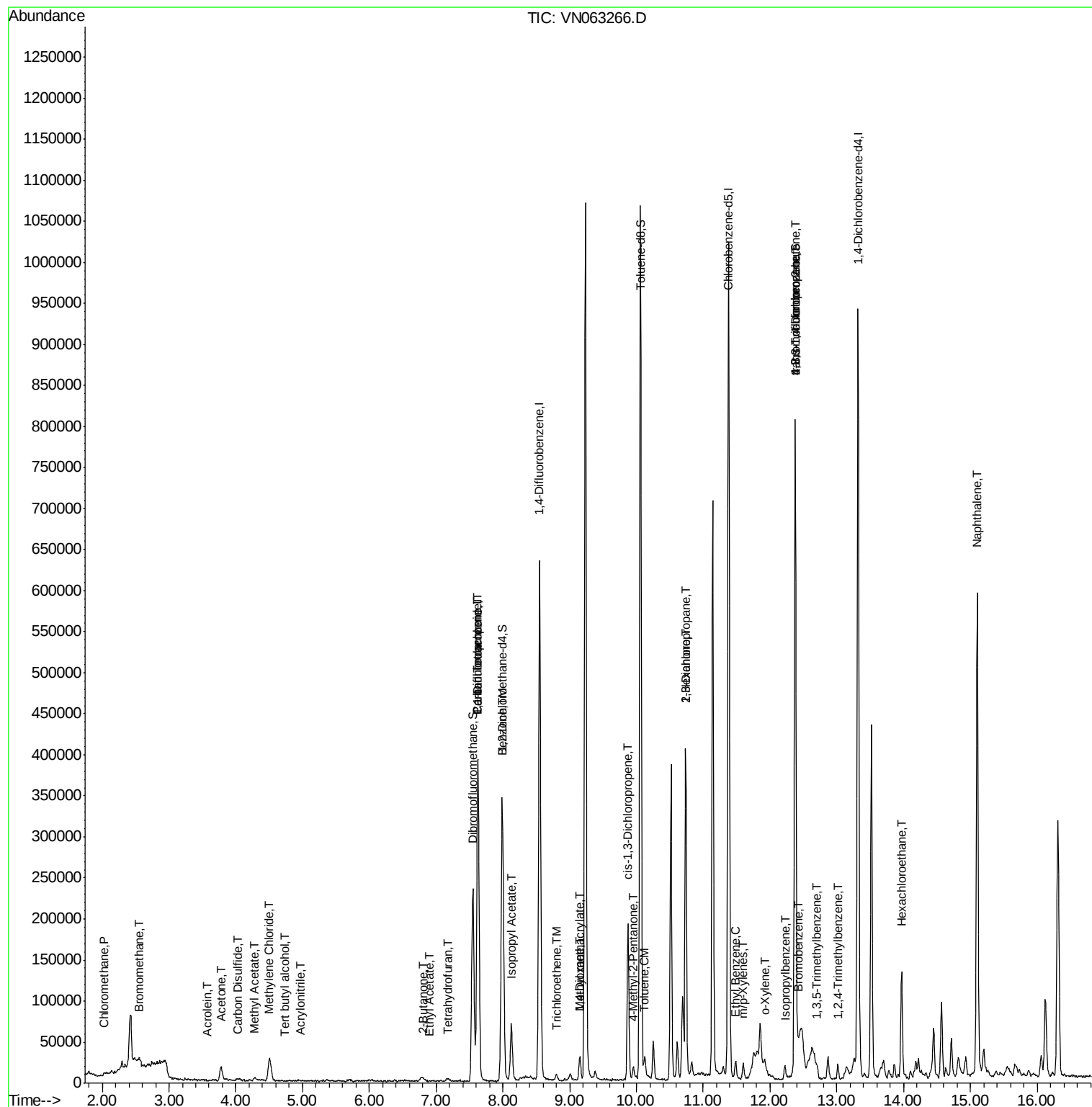
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.02	105	10158	0.712	ug/l	100
90) Hexachloroethane	13.97	117	62012	23.847	ug/l #	20
95) Naphthalene	15.10	128	486302	38.049	ug/l	100

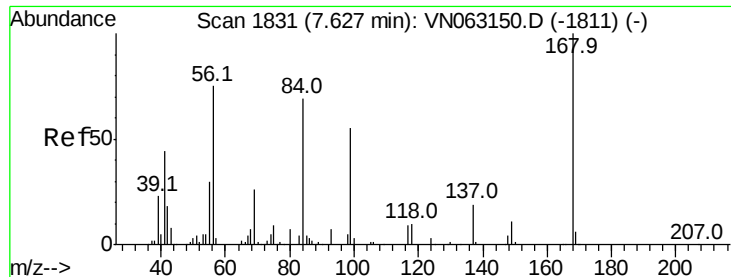
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090420\
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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: VN063266.D

Acq: 5 Sep 2020 4:00

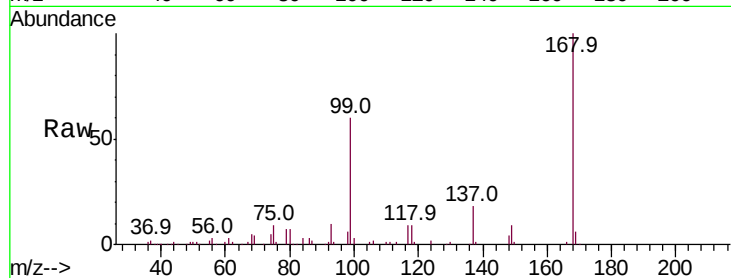
Instrument :
MSVOA_N
ClientSampled :
TP-2

Tot Ion:168 Resp: 291817

Ion Ratio Lower Upper

168 100

99 59.9 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

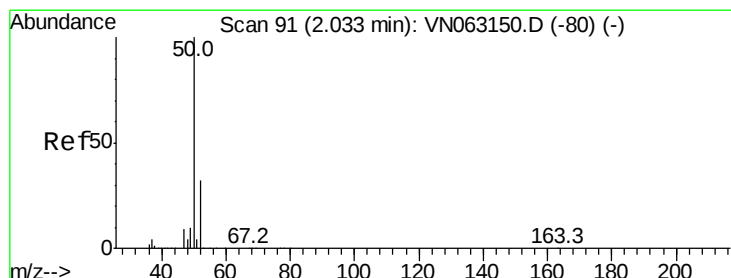
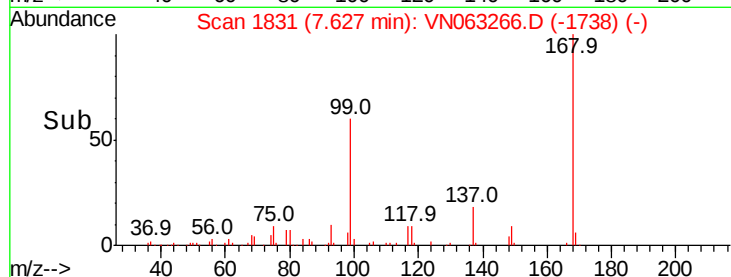
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.429 ug/l

RT: 2.03 min Scan# 91

Delta R.T. 0.00 min

Lab File: VN063266.D

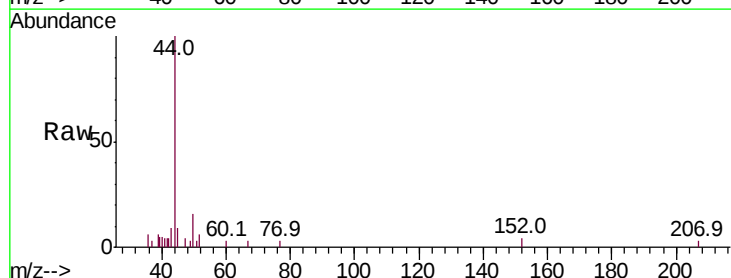
Acq: 5 Sep 2020 4:00

Tgt Ion: 50 Resp: 1797

Ion Ratio Lower Upper

50 100

52 34.5 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.03

1200

1000

800

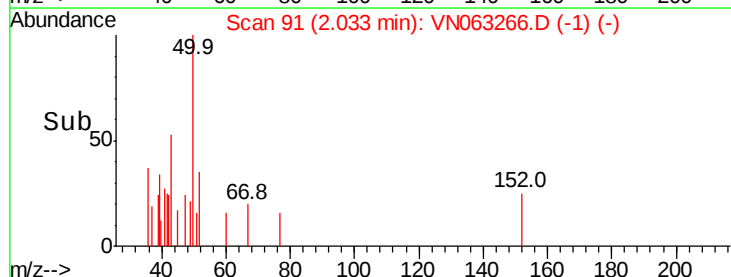
600

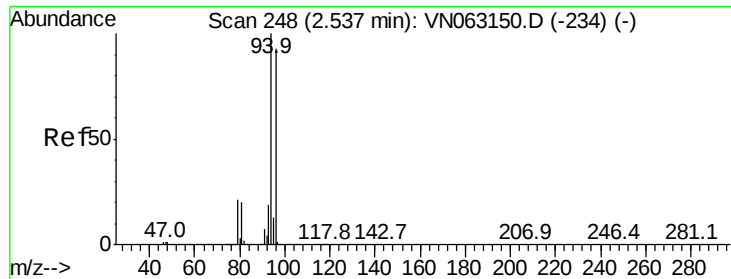
400

200

0

Time--> 2.00 2.05





#5

Bromomethane

Concen: 0.501 ug/l

RT: 2.55 min Scan# 253

Delta R.T. 0.02 min

Lab File: VN063266.D

Acq: 5 Sep 2020 4:00

Instrument :

MSVOA_N

ClientSampled :

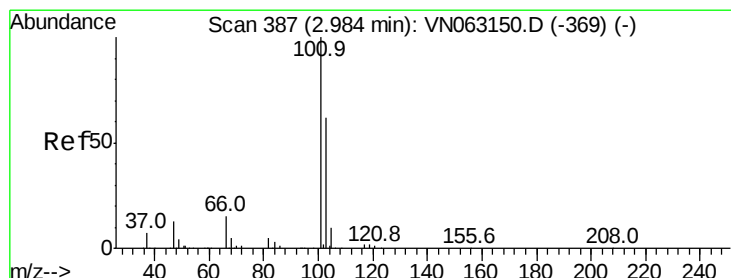
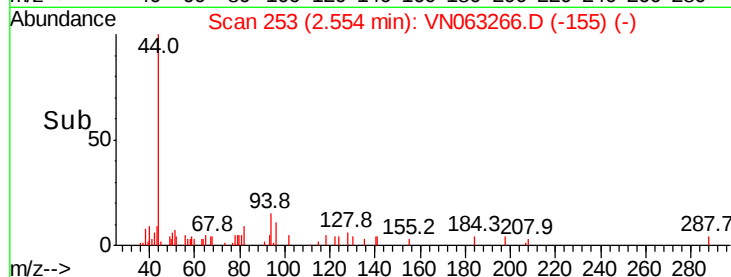
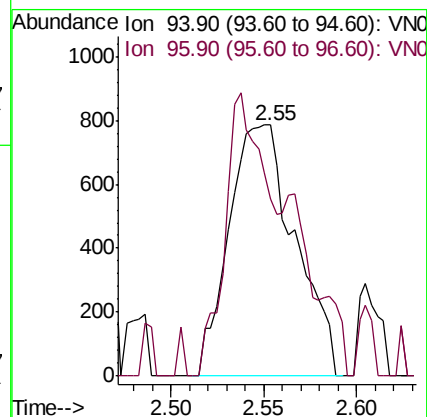
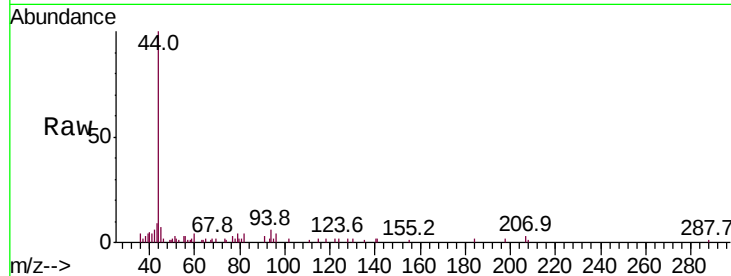
TP-2

Tot Ion: 94 Resp: 1950

Ion Ratio Lower Upper

94 100

96 70.4 74.4 111.6#



#7

Trichlorofluoromethane

Concen: Below Cal

RT: 3.00 min Scan# 393

Delta R.T. 0.02 min

Lab File: VN063266.D

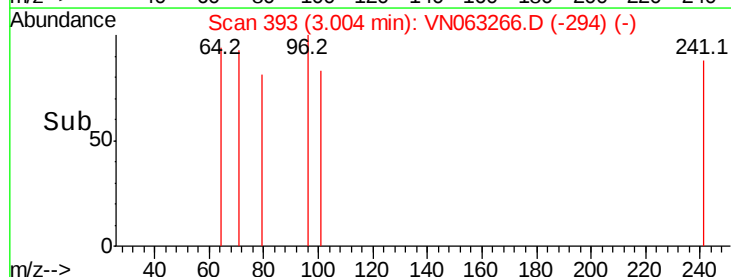
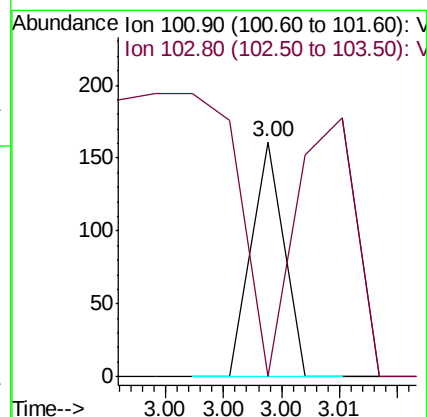
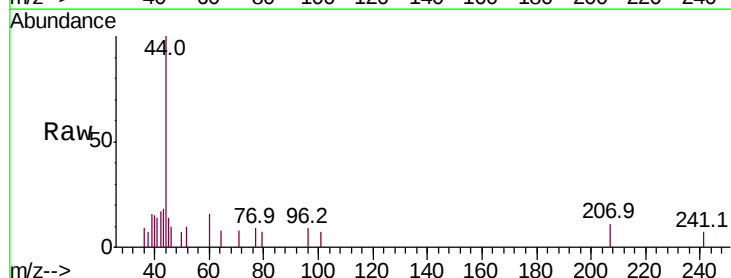
Acq: 5 Sep 2020 4:00

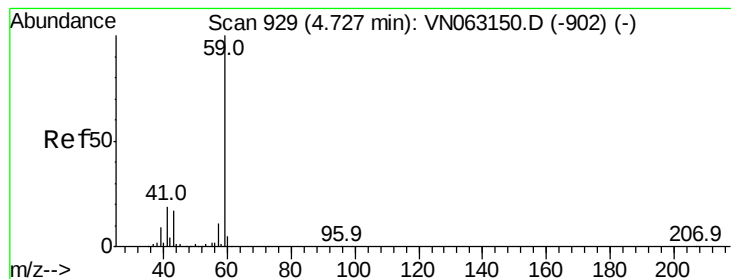
Tgt Ion: 101 Resp: 31

Ion Ratio Lower Upper

101 100

103 0.0 49.7 74.5#





#11

Tert butyl alcohol

Concen: 0.311 ug/l

RT: 4.72 min Scan# 928

Delta R.T. -0.00 min

Lab File: VN063266.D

Acq: 5 Sep 2020 4:00

Instrument :

MSVOA_N

ClientSampled :

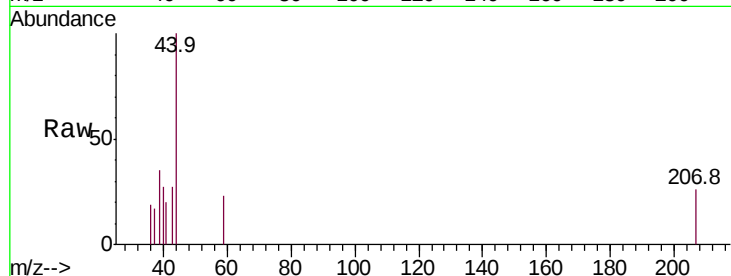
TP-2

Tot Ion: 59 Resp: 182

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.72

250

200

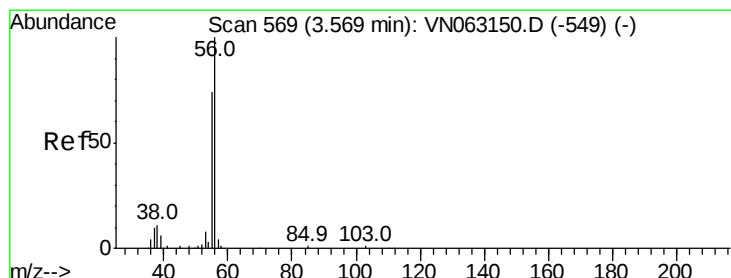
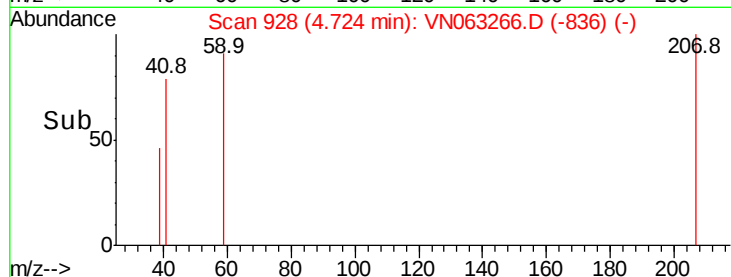
150

100

50

0

Time-->



#13

Acrolein

Concen: 15.900 ug/l

RT: 3.58 min Scan# 571

Delta R.T. 0.01 min

Lab File: VN063266.D

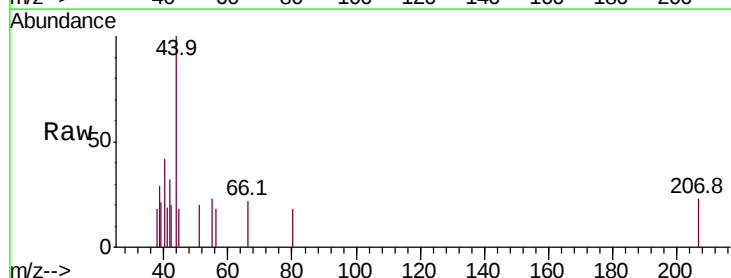
Acq: 5 Sep 2020 4:00

Tgt Ion: 56 Resp: 31

Ion Ratio Lower Upper

56 100

55 793.5 55.4 83.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

250

200

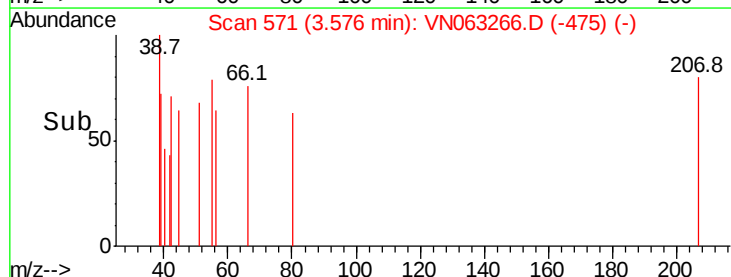
150

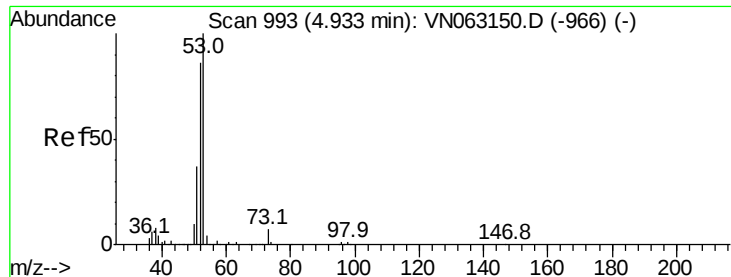
100

50

0

Time-->





#15

Acrylonitrile

Concen: 2.422 ug/l

RT: 4.97 min Scan# 1003

Delta R.T. 0.03 min

Lab File: VN063266.D

Acq: 5 Sep 2020 4:00

Instrument :

MSVOA_N

ClientSampled :

TP-2

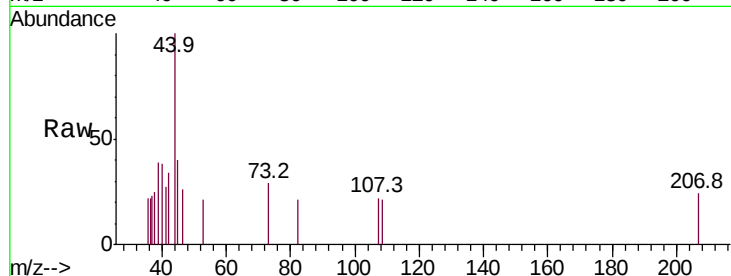
Tot Ion: 53 Resp: 30

Ion Ratio Lower Upper

53 100

52 0.0 67.2 100.8#

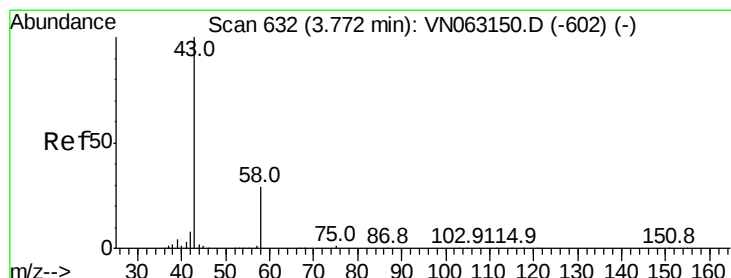
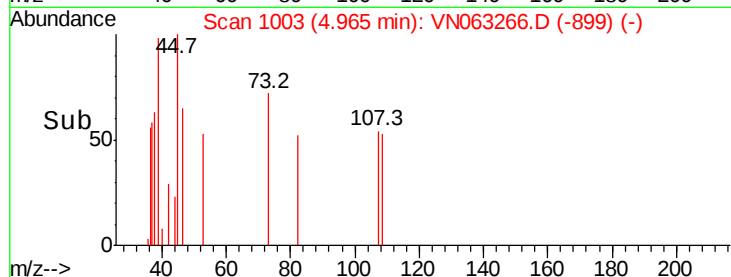
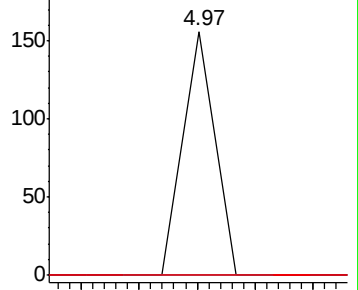
51 0.0 30.2 45.4#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 22.365 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063266.D

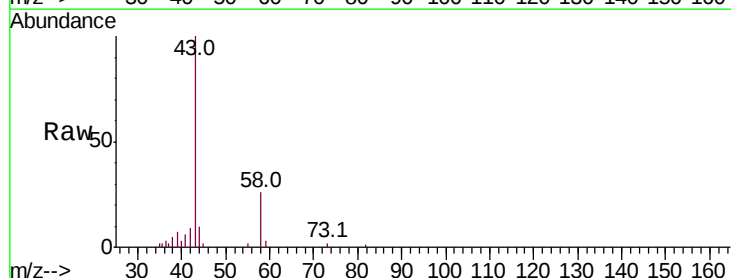
Acq: 5 Sep 2020 4:00

Tgt Ion: 43 Resp: 30329

Ion Ratio Lower Upper

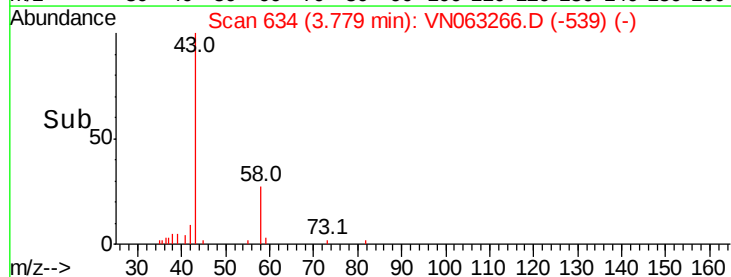
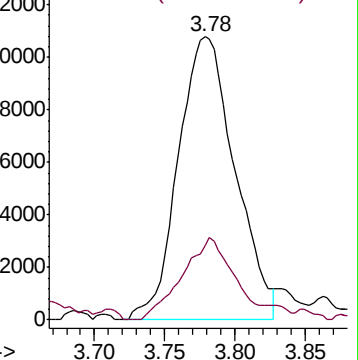
43 100

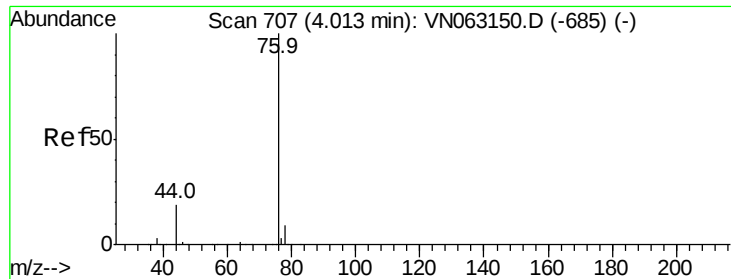
58 26.4 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

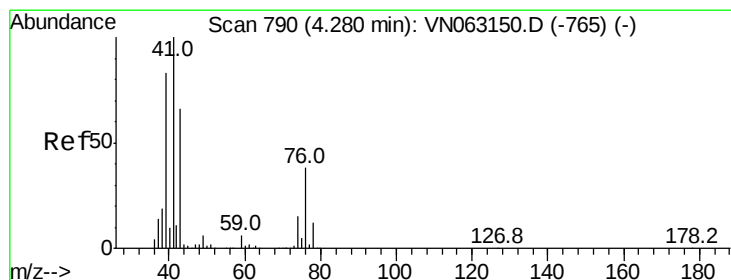
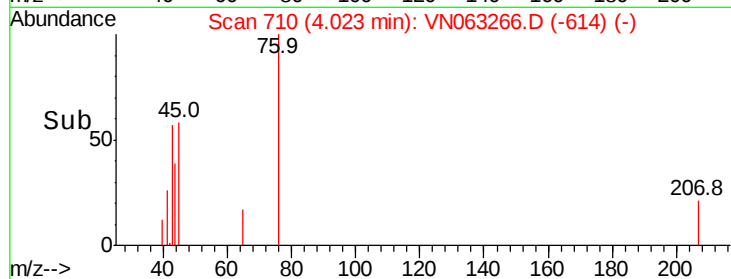
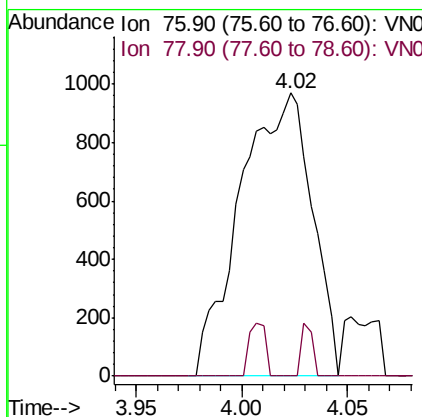
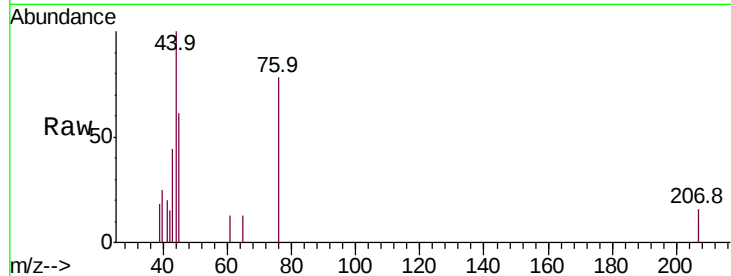




#17
Carbon Disulfide
Concen: 0.240 ug/l
RT: 4.02 min Scan# 710
Delta R.T. 0.01 min
Lab File: VN063266.D
Acq: 5 Sep 2020 4:00

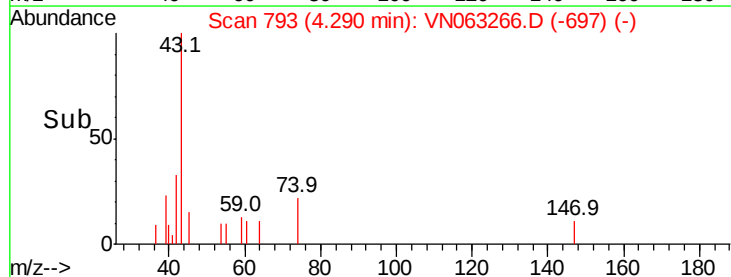
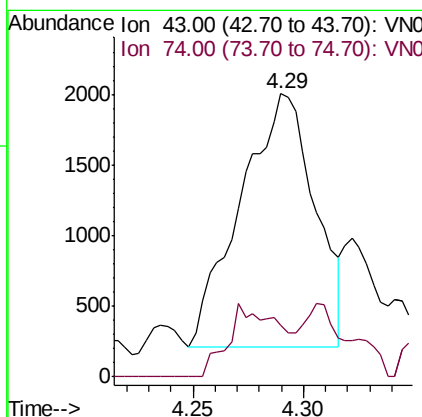
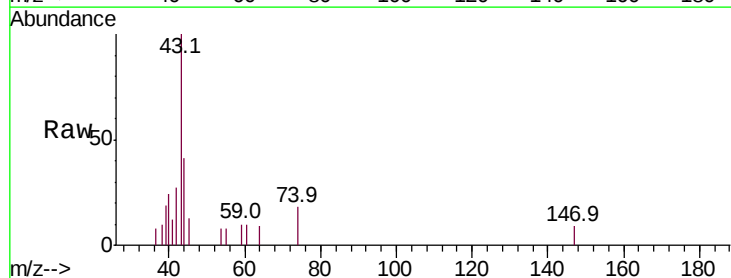
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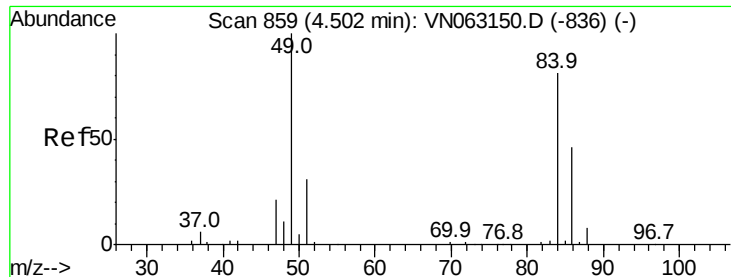
Tot Ion: 76 Resp: 2285
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#18
Methyl Acetate
Concen: 1.206 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN063266.D
Acq: 5 Sep 2020 4:00

Tgt Ion: 43 Resp: 4192
Ion Ratio Lower Upper
43 100
74 17.9 19.0 28.6#

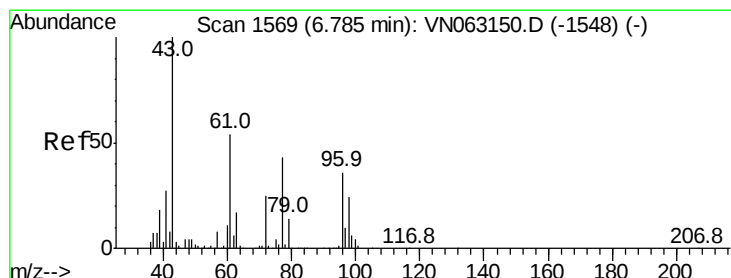
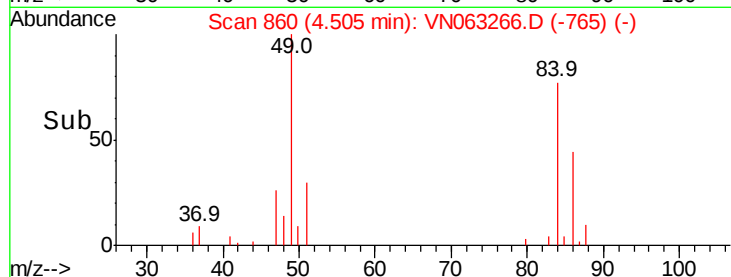
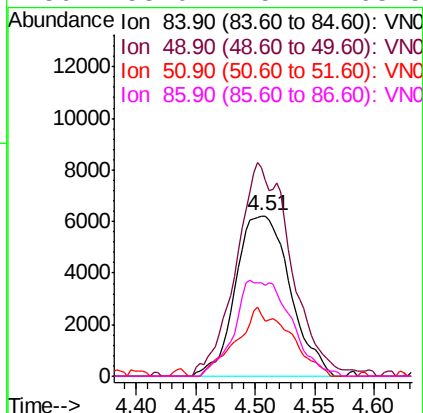
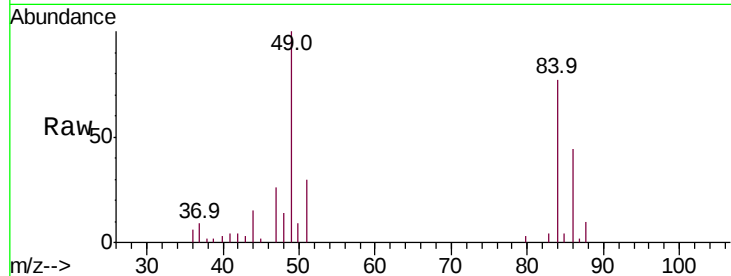




#20
Methvlene Chloride
Concen: 4.719 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063266.D
Acq: 5 Sep 2020 4:00

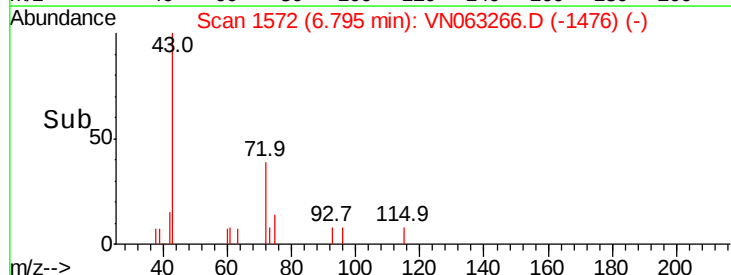
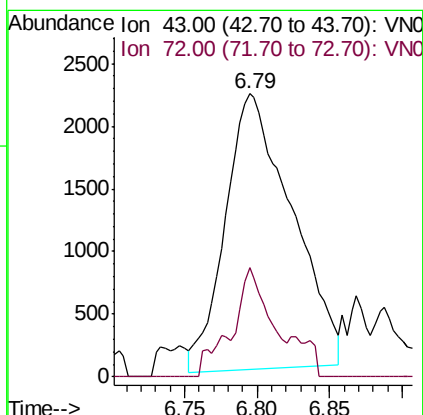
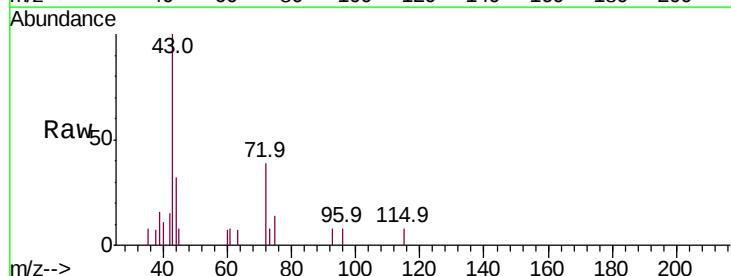
Instrument :
MSVOA_N
ClientSampled :
TP-2

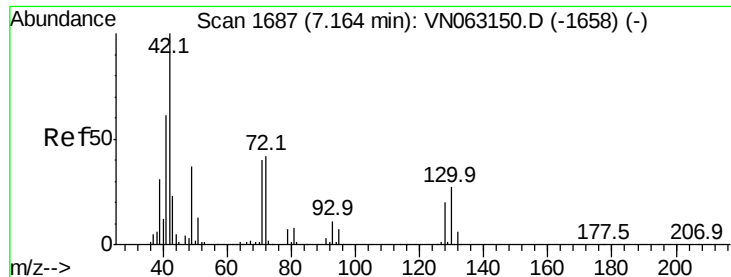
Tot Ion:	84	Resp:	19691
Ion	Ratio	Lower	Upper
84	100		
49	130.3	98.4	147.6
51	38.5	30.4	45.6
86	58.0	45.7	68.5



#25
2-Butanone
Concen: 3.329 ug/l
RT: 6.79 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN063266.D
Acq: 5 Sep 2020 4:00

Tgt Ion:	43	Resp:	6990
Ion	Ratio	Lower	Upper
43	100		
72	42.4	20.2	30.4#





#29

Tetrahydrofuran

Concen: 2.130 ug/l

RT: 7.17 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VN063266.D

Acq: 5 Sep 2020 4:00

Instrument :

MSVOA_N

ClientSampled :

TP-2

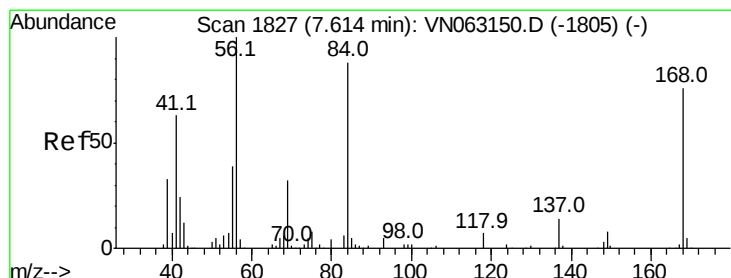
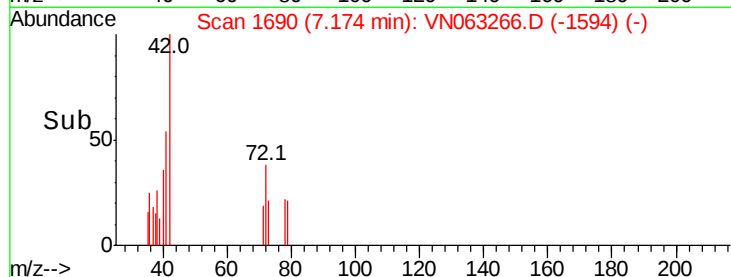
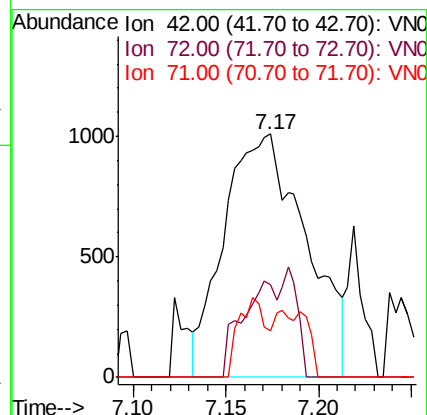
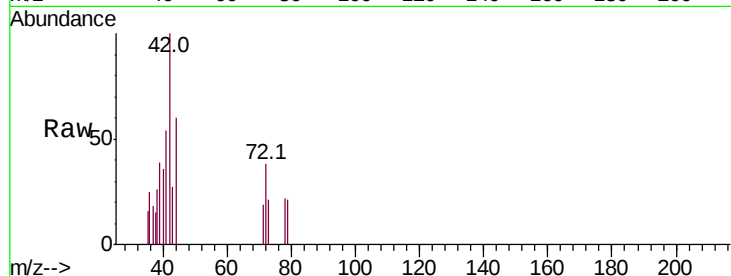
Tot Ion: 42 Resp: 3093

Ion Ratio Lower Upper

42 100

72 16.8 33.9 50.9#

71 2.0 31.9 47.9#



#31

Cyclohexane

Concen: Below Cal

RT: 7.63 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN063266.D

Acq: 5 Sep 2020 4:00

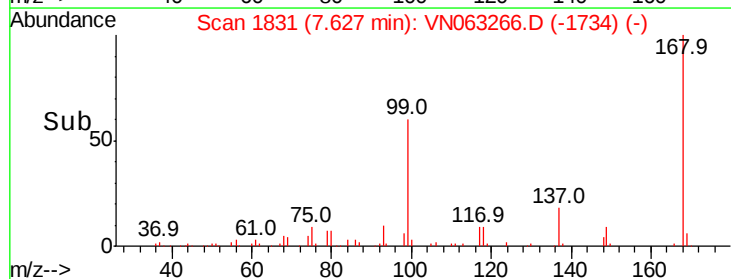
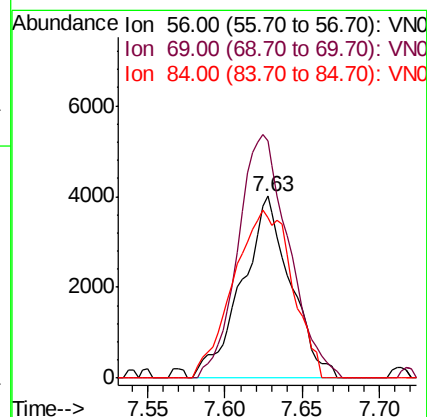
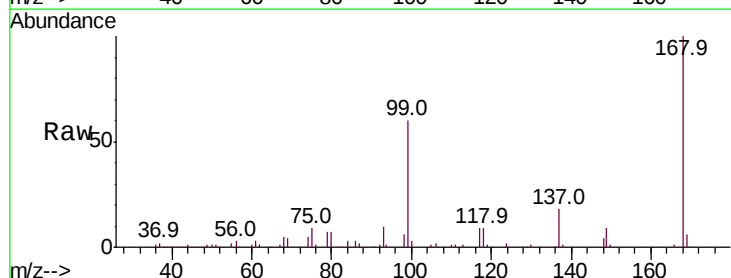
Tgt Ion: 56 Resp: 8795

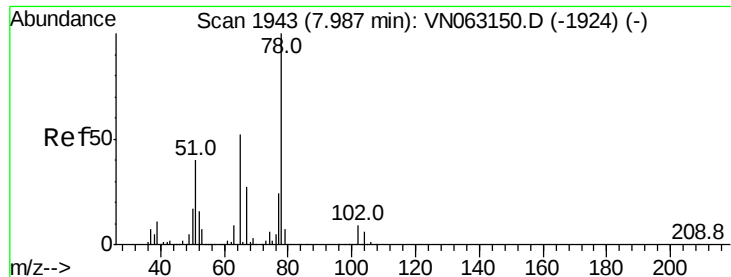
Ion Ratio Lower Upper

56 100

69 130.6 25.4 38.0#

84 88.3 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 47.692 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063266.D

Acq: 5 Sep 2020 4:00

Instrument :

MSVOA_N

ClientSampled :

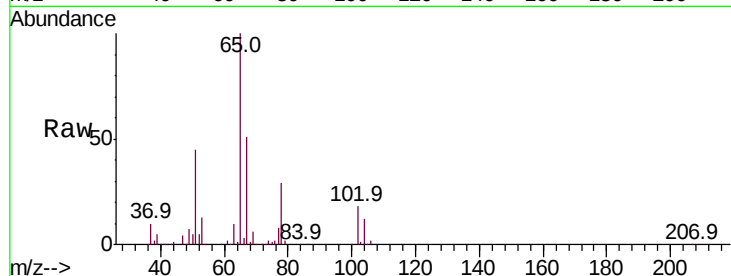
TP-2

Tot Ion: 65 Resp: 227506

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN063150.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063150.D (-1924) (-)

7.99

100000

80000

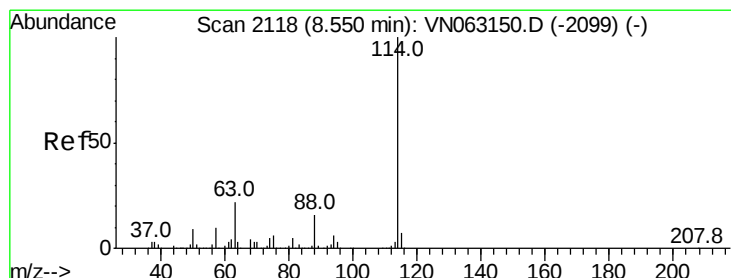
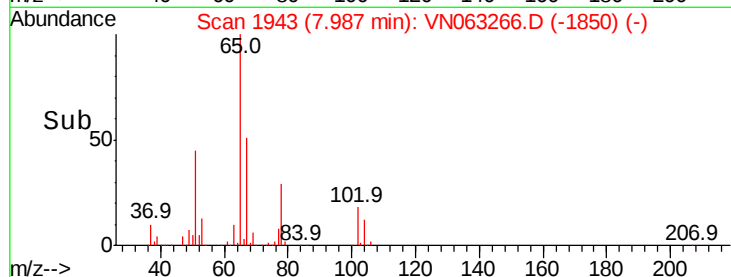
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063266.D

Acq: 5 Sep 2020 4:00

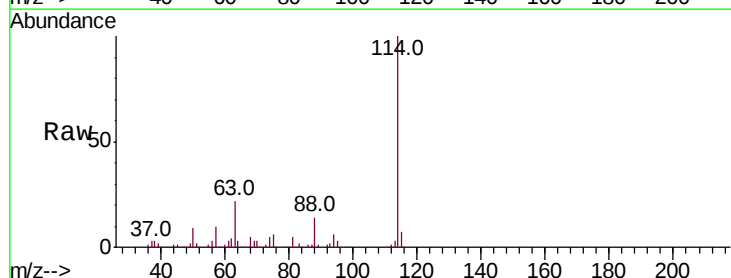
Tgt Ion: 114 Resp: 554245

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.0

88 14.5 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN063150.D (-2099) (-)

Ion 63.00 (62.70 to 63.70): VN063150.D (-2099) (-)

Ion 87.90 (87.60 to 88.60): VN063150.D (-2099) (-)

8.55

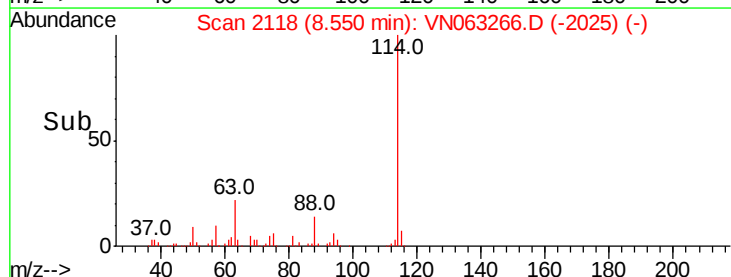
300000

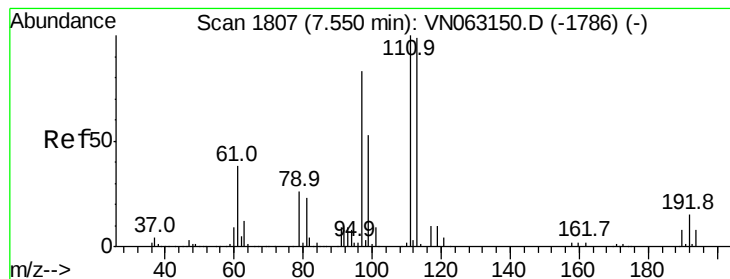
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 48.445 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063266.D

Acq: 5 Sep 2020 4:00

Instrument :

MSVOA_N

ClientSampleId :

TP-2

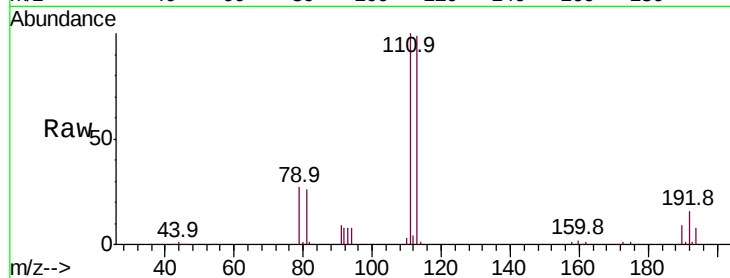
Tot Ion:113 Resp: 172258

Ion Ratio Lower Upper

113 100

111 104.9 80.7 121.1

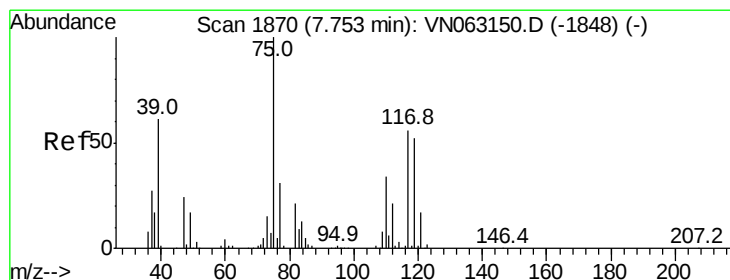
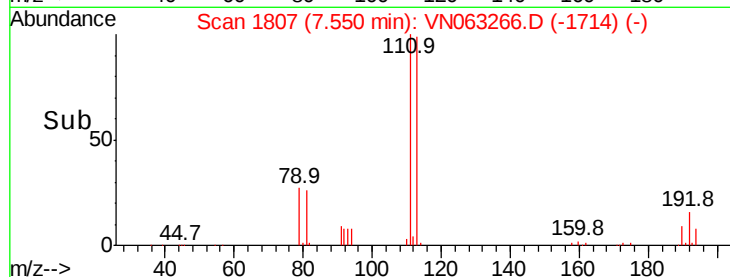
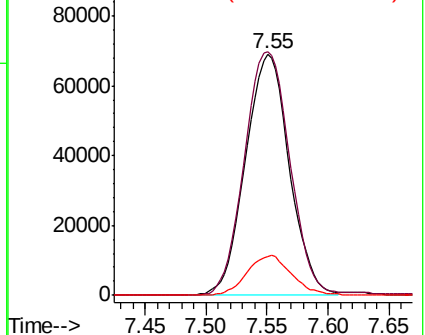
192 16.9 12.6 19.0



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: 5.247 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN063266.D

Acq: 5 Sep 2020 4:00

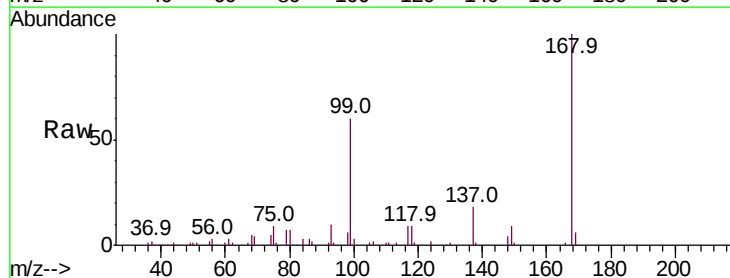
Tgt Ion: 75 Resp: 27956

Ion Ratio Lower Upper

75 100

110 2.3 16.6 49.8#

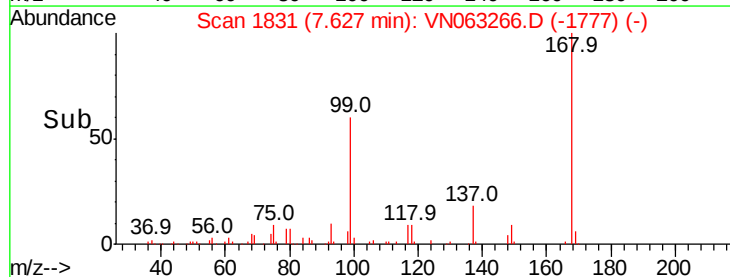
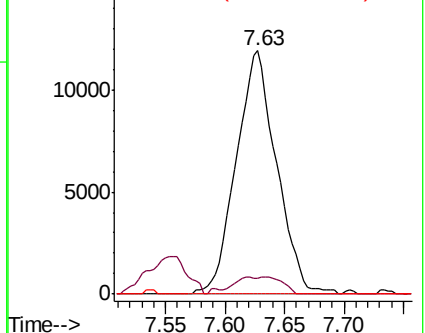
77 0.0 25.4 38.2#

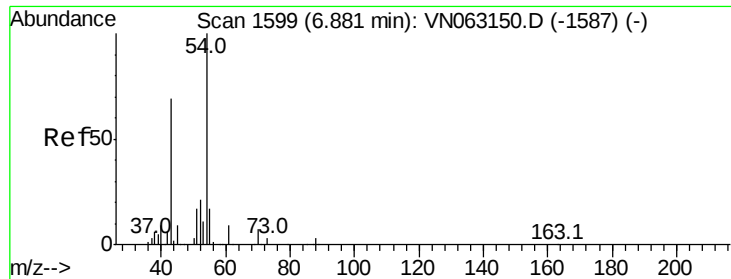


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

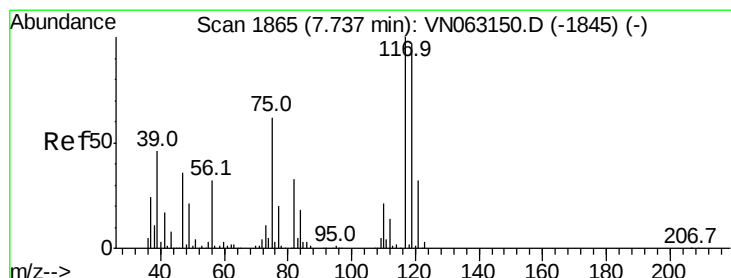
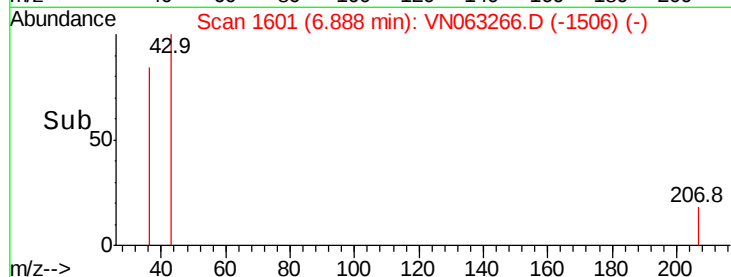
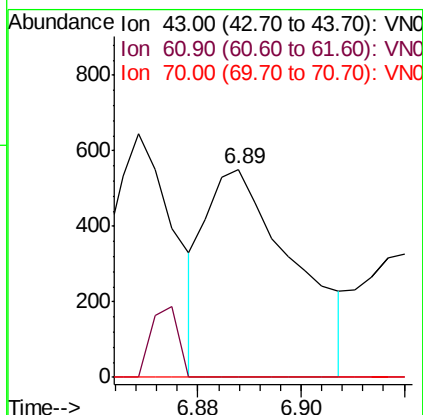
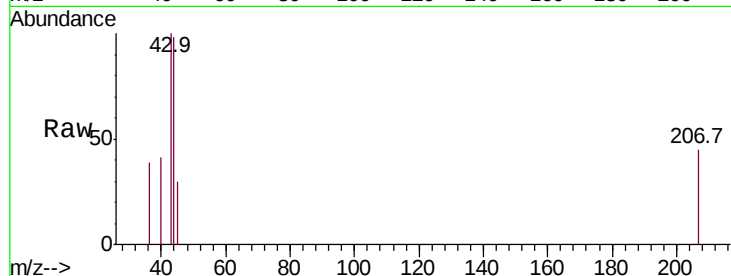




#37
Ethyl Acetate
Concen: 0.510 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VN063266.D
Acq: 5 Sep 2020 4:00

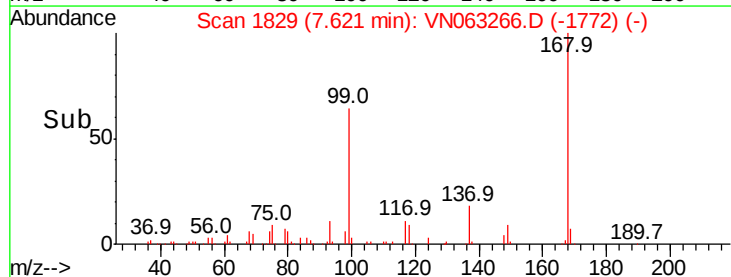
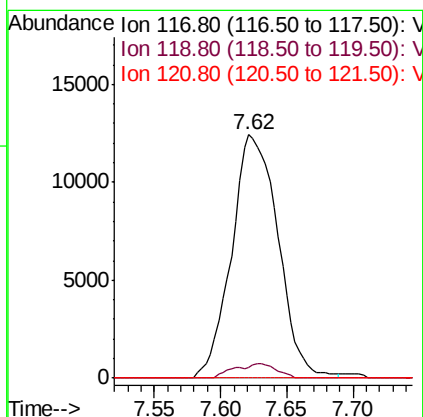
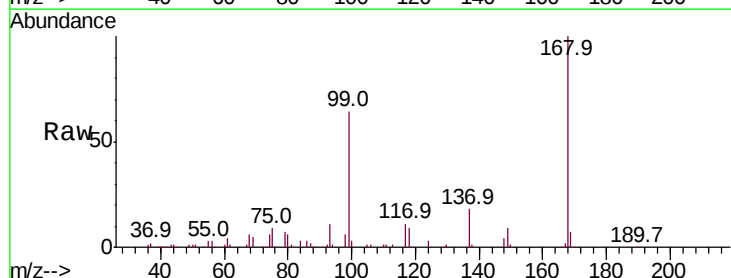
Instrument :
MSVOA_N
ClientSampled :
TP-2

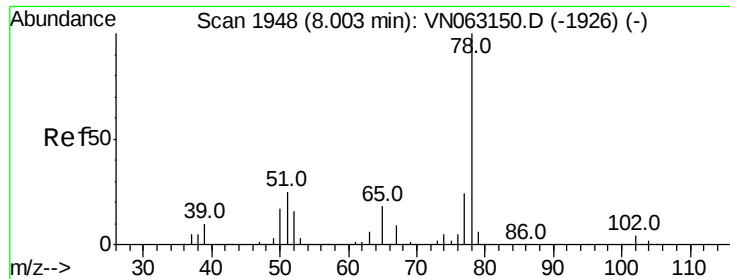
Tot Ion: 43 Resp: 656
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.4#
70 0.0 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 5.610 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. -0.12 min
Lab File: VN063266.D
Acq: 5 Sep 2020 4:00

Tgt Ion: 117 Resp: 30314
Ion Ratio Lower Upper
117 100
119 4.5 77.2 115.8#
121 0.0 25.6 38.4#





#40

Benzene

Concen: 7.477 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN063266.D

Acq: 5 Sep 2020 4:00

Instrument :

MSVOA_N

ClientSampled :

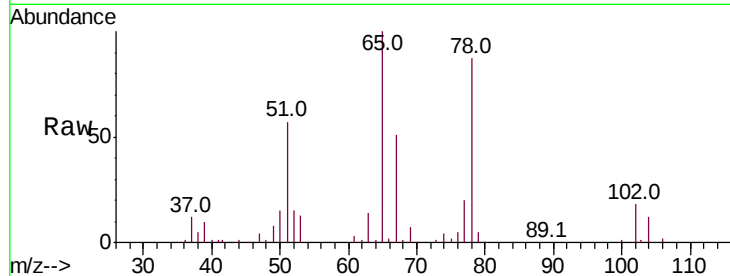
TP-2

Tot Ion: 78 Resp: 117080

Ion Ratio Lower Upper

78 100

77 23.3 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VN063150.D (-1926) (-)

Ion 77.00 (76.70 to 77.70): VN063150.D (-1926) (-)

8.00

50000

40000

30000

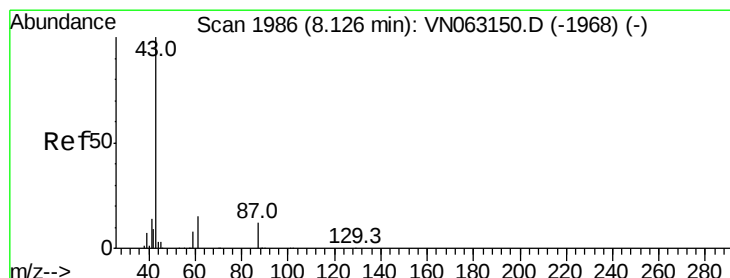
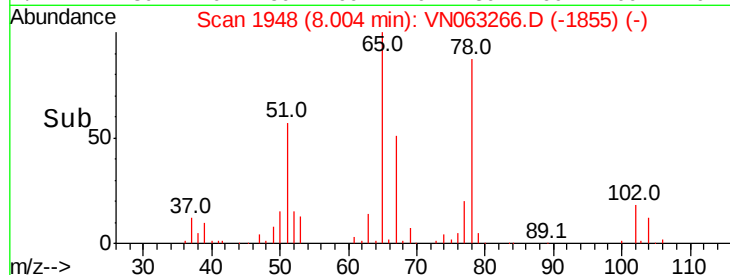
20000

10000

0

7.90 8.00 8.10

Time-->



#43

Isopropyl Acetate

Concen: 9.570 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063266.D

Acq: 5 Sep 2020 4:00

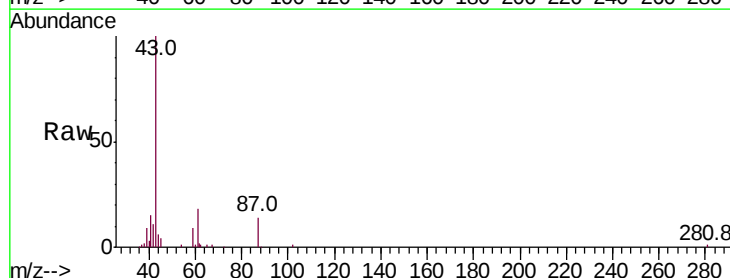
Tgt Ion: 43 Resp: 83160

Ion Ratio Lower Upper

43 100

61 18.0 20.2 30.4#

87 13.8 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN063150.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN063150.D (-1968) (-)

8.13

50000

40000

30000

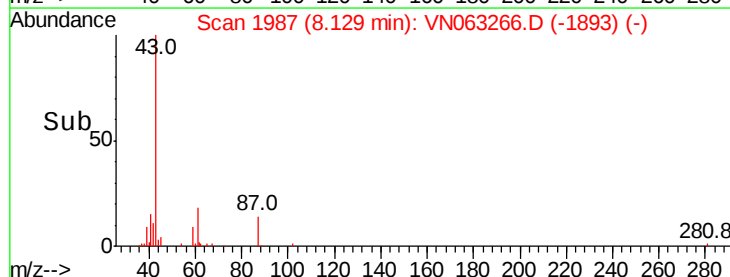
20000

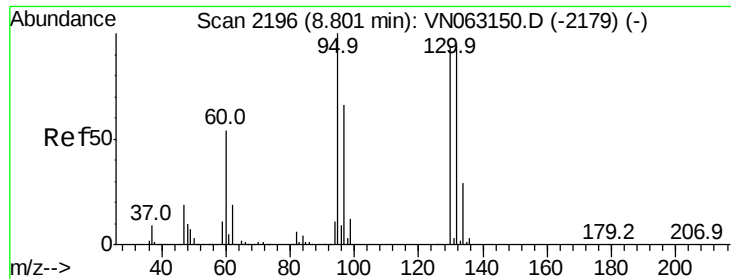
10000

0

8.05 8.10 8.15 8.20

Time-->

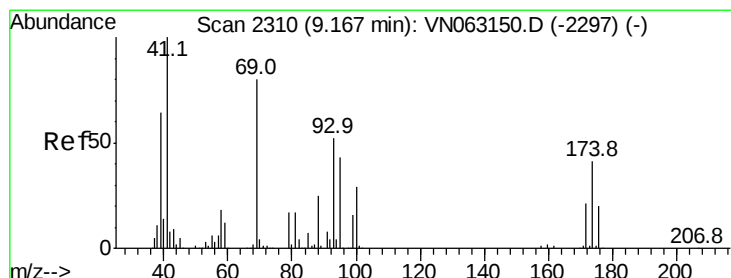
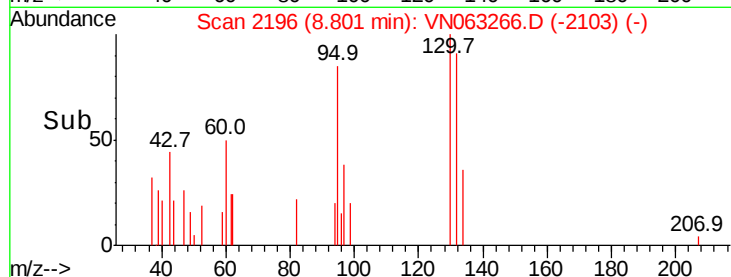
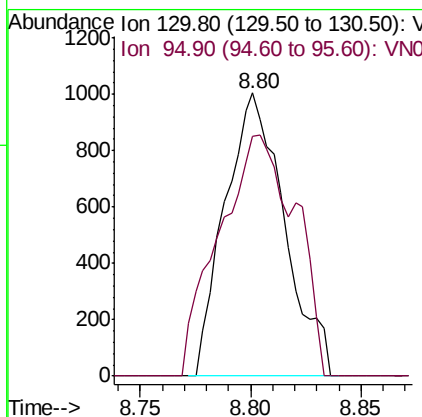
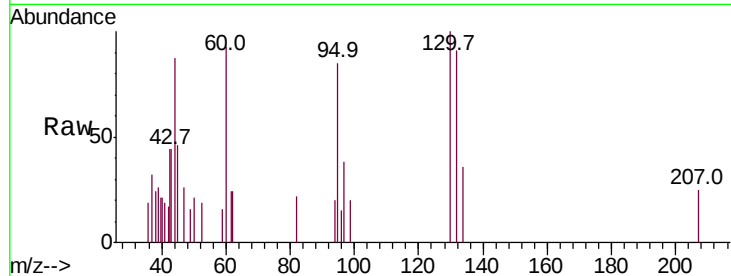




#44
 Trichloroethene
 Concen: 0.494 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN063266.D
 Acq: 5 Sep 2020 4:00

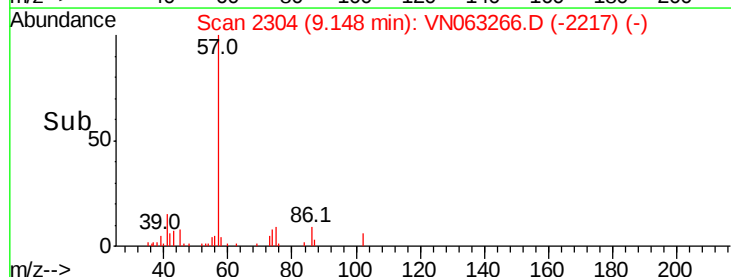
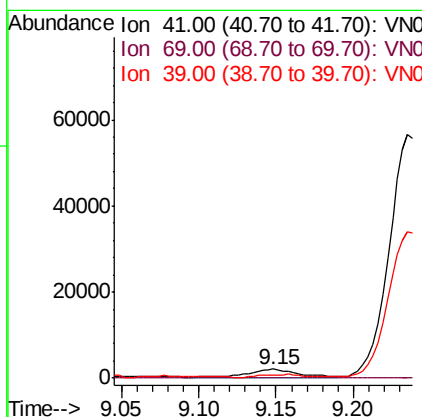
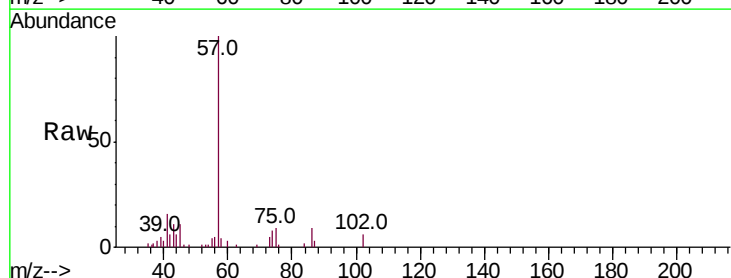
Instrument :
 MSVOA_N
 ClientSampled :
 TP-2

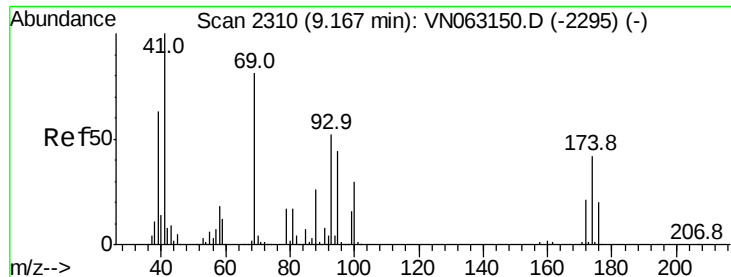
Tot Ion:130 Resp: 1875
 Ion Ratio Lower Upper
 130 100
 95 84.9 0.0 212.0



#48
 Methyl methacrylate
 Concen: 1.300 ug/l
 RT: 9.15 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN063266.D
 Acq: 5 Sep 2020 4:00

Tgt Ion: 41 Resp: 5091
 Ion Ratio Lower Upper
 41 100
 69 0.6 65.9 98.9#
 39 0.0 52.0 78.0#





#49

1,4-Dioxane

Concen: 2.459 ug/l

RT: 9.15 min Scan# 2306

Delta R.T. -0.01 min

Lab File: VN063266.D

Acq: 5 Sep 2020 4:00

Instrument :

MSVOA_N

ClientSampled :

TP-2

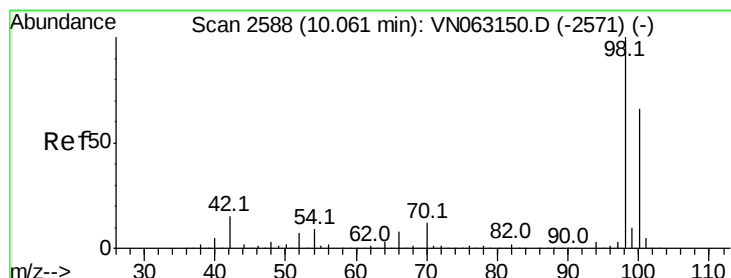
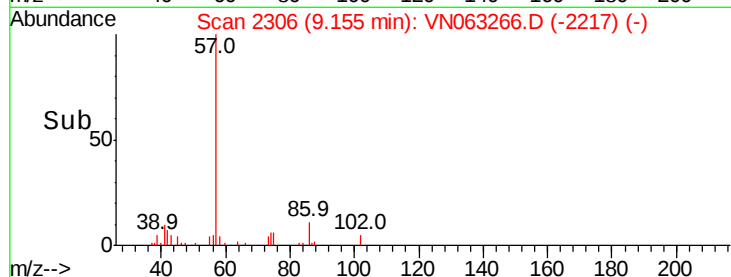
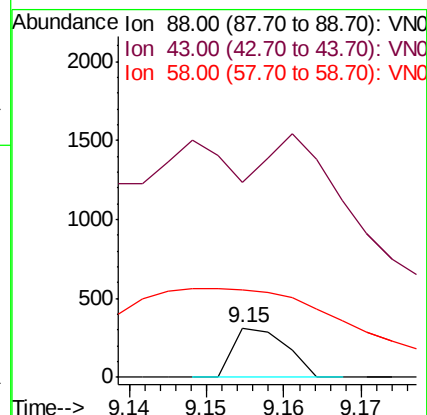
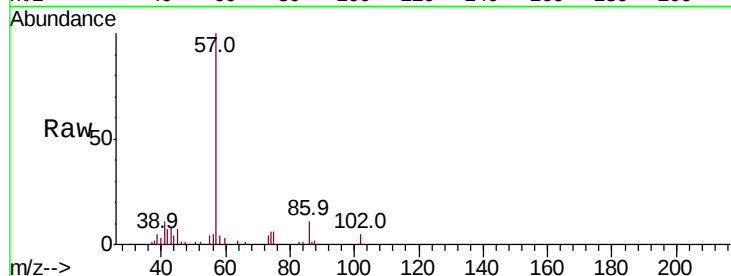
Tot Ion: 88 Resp: 149

Ion Ratio Lower Upper

88 100

43 0.0 28.6 42.8#

58 926.8 53.2 79.8#



#50

Toluene-d8

Concen: 51.185 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063266.D

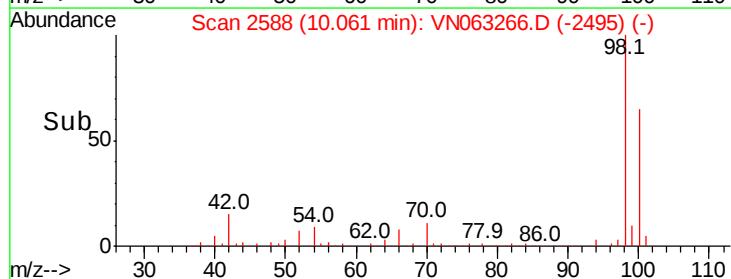
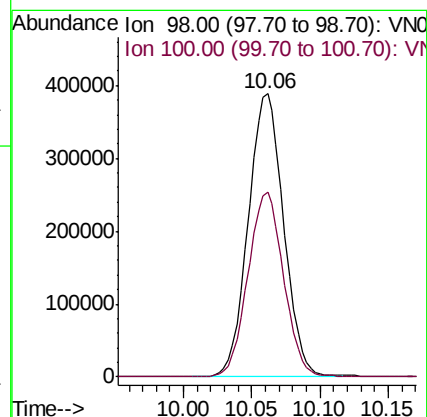
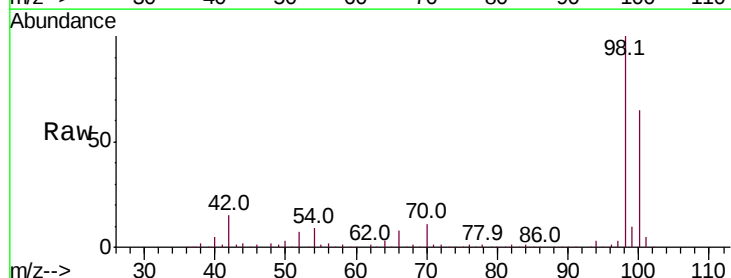
Acq: 5 Sep 2020 4:00

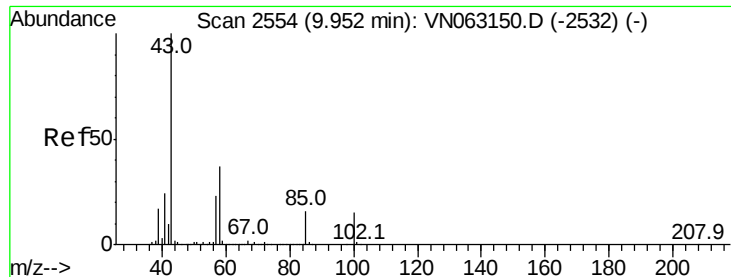
Tgt Ion: 98 Resp: 700529

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.769 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063266.D

Acq: 5 Sep 2020 4:00

Instrument :

MSVOA_N

ClientSampled :

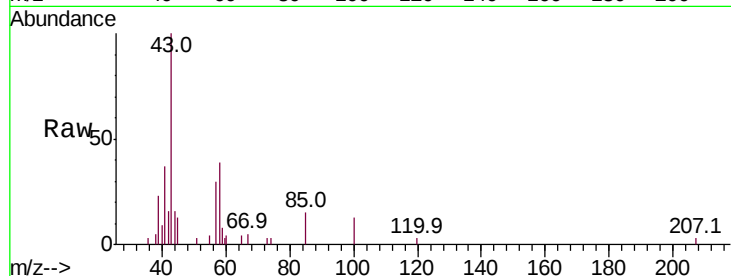
TP-2

Tot Ion: 43 Resp: 8353

Ion Ratio Lower Upper

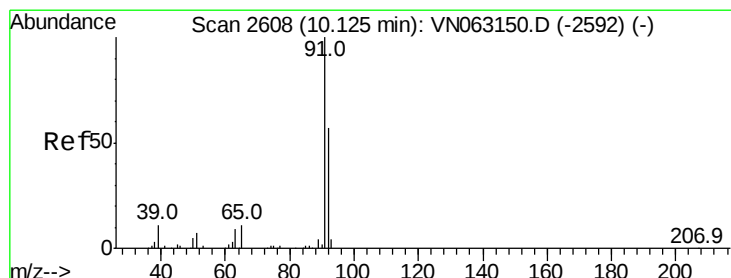
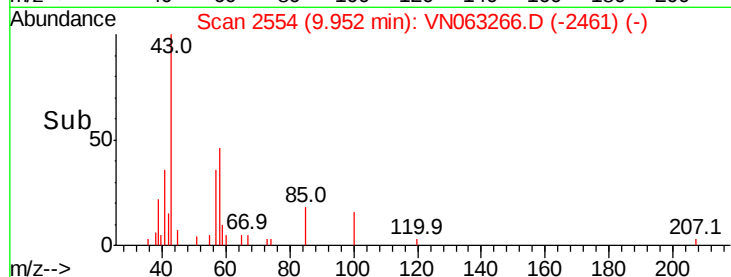
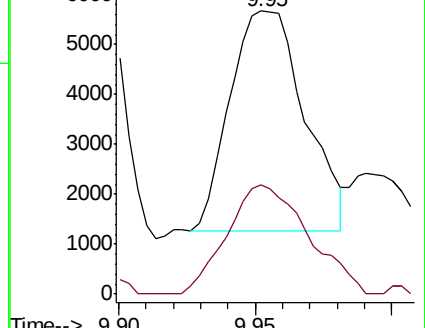
43 100

58 54.2 29.2 43.8#



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-2532) (-)

Ion 58.00 (57.70 to 58.70): VN063150.D (-2532) (-)



#52

Toluene

Concen: 0.908 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063266.D

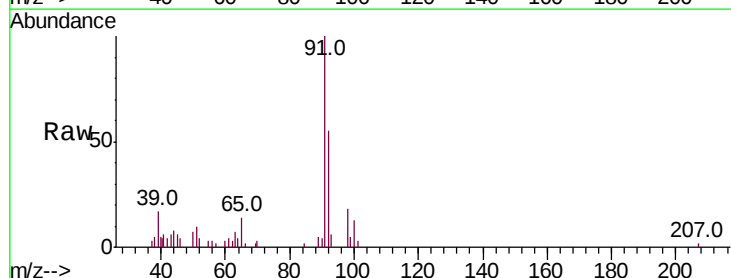
Acq: 5 Sep 2020 4:00

Tgt Ion: 92 Resp: 8860

Ion Ratio Lower Upper

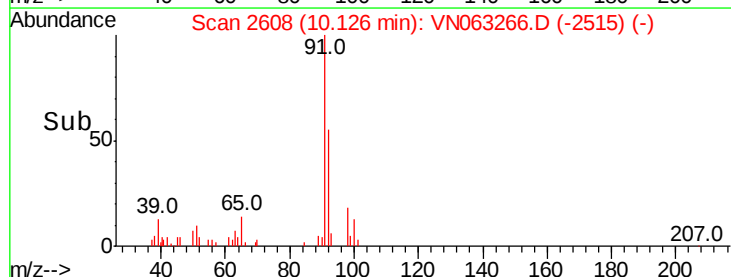
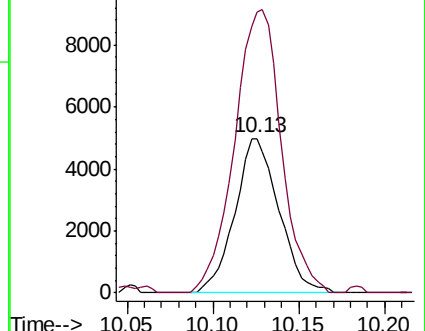
92 100

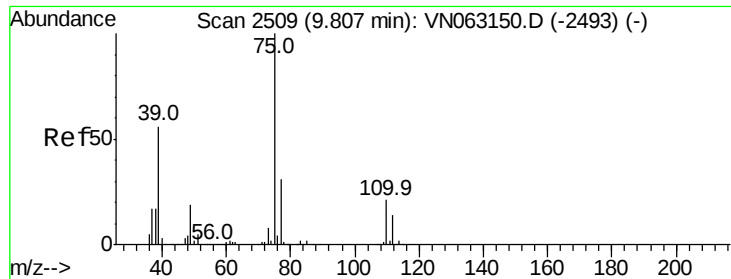
91 194.8 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN063150.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063150.D (-2592) (-)





#54

cis-1,3-Dichloropropene

Concen: 5.017 ug/l

RT: 9.87 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN063266.D

Acq: 5 Sep 2020 4:00

Instrument :

MSVOA_N

ClientSampleId :

TP-2

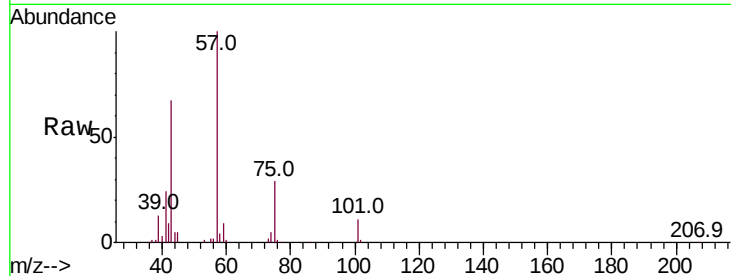
Tot Ion: 75 Resp: 33920

Ion Ratio Lower Upper

75 100

77 1.2 24.8 37.2#

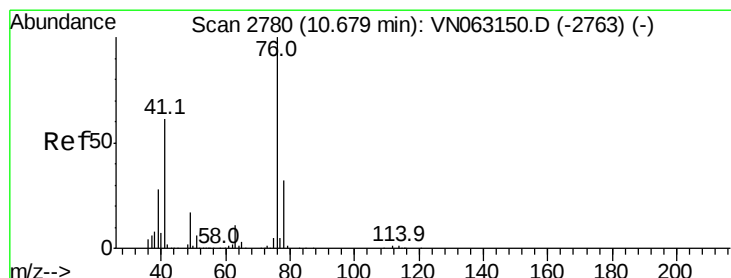
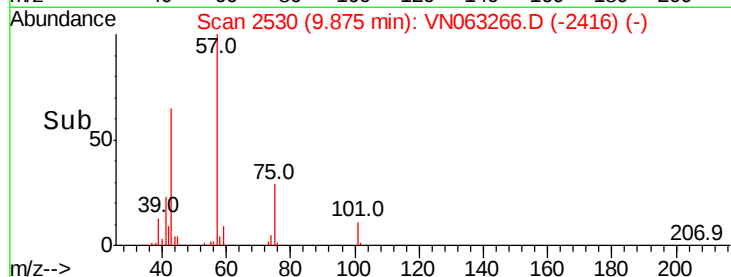
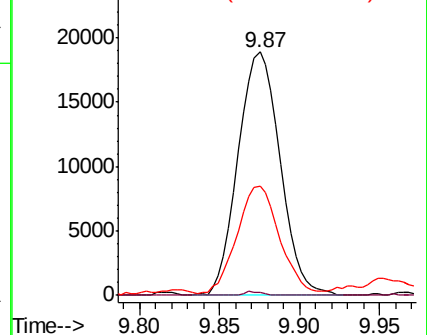
39 43.8 45.0 67.6#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.745 ug/l

RT: 10.74 min Scan# 2798

Delta R.T. 0.06 min

Lab File: VN063266.D

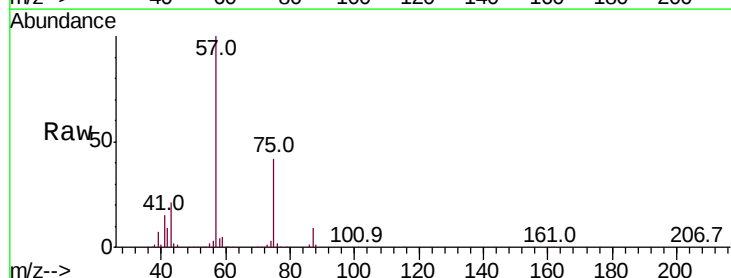
Acq: 5 Sep 2020 4:00

Tgt Ion: 76 Resp: 4959

Ion Ratio Lower Upper

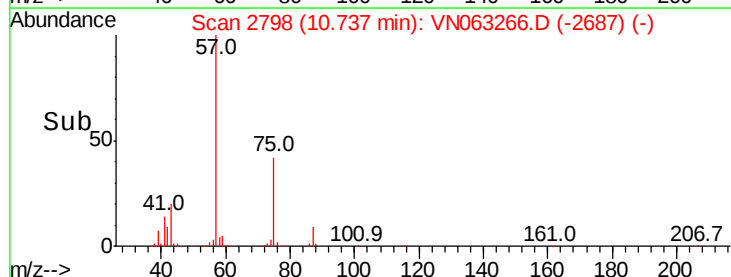
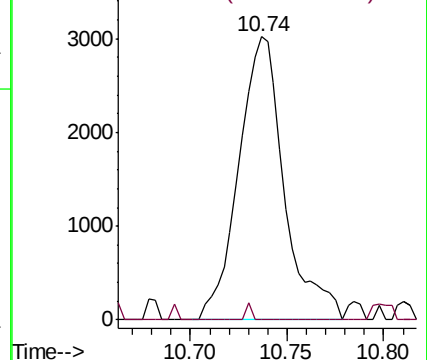
76 100

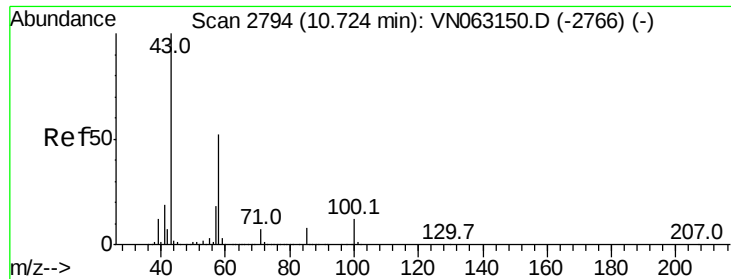
78 0.7 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0





#59

2-Hexanone

Concen: 17.523 ug/l

RT: 10.74 min Scan# 2798

Delta R.T. 0.01 min

Lab File: VN063266.D

Acq: 5 Sep 2020 4:00

Instrument :

MSVOA_N

ClientSampleId :

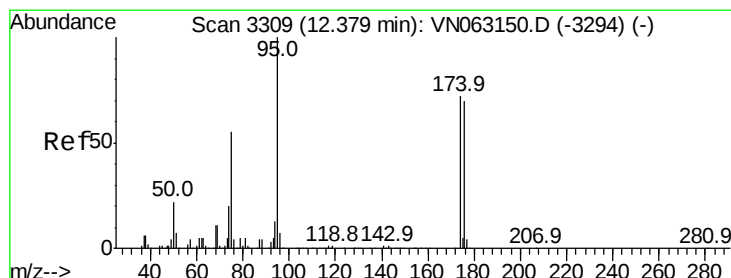
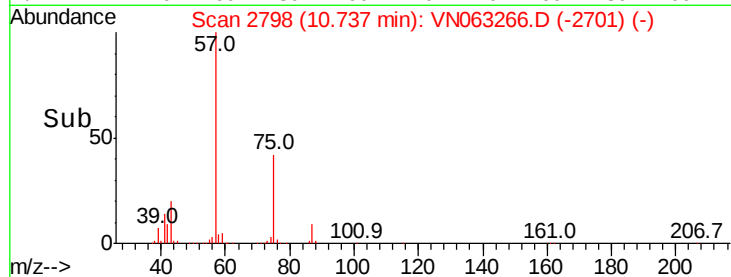
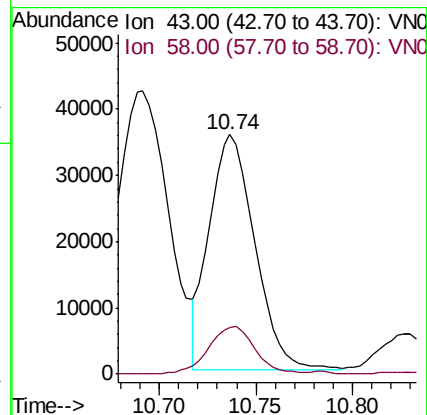
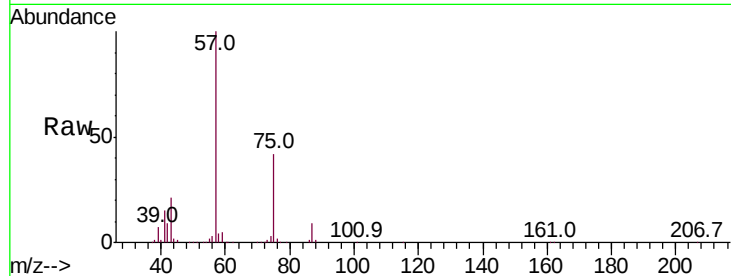
TP-2

Tot Ion: 43 Resp: 58152

Ion Ratio Lower Upper

43 100

58 21.0 25.9 77.8#



#62

4-Bromofluorobenzene

Concen: 52.764 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063266.D

Acq: 5 Sep 2020 4:00

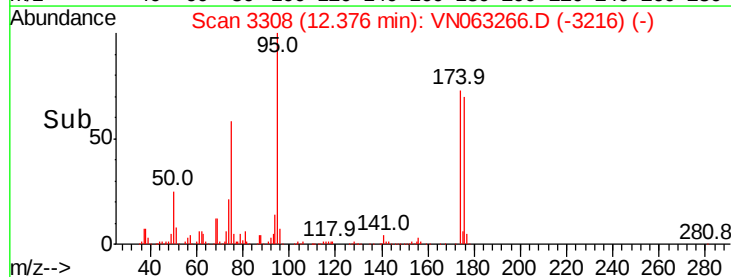
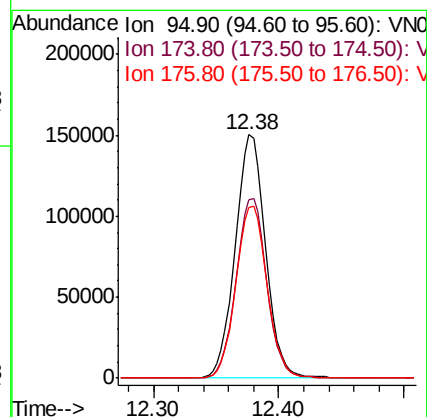
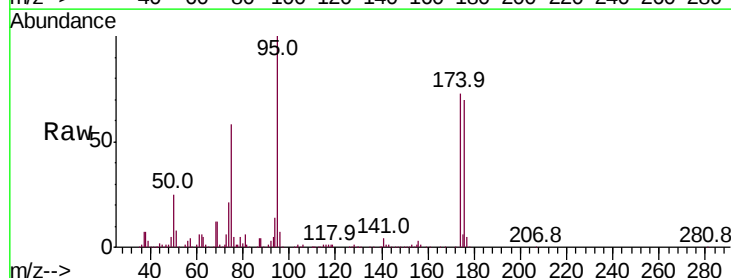
Tgt Ion: 95 Resp: 252607

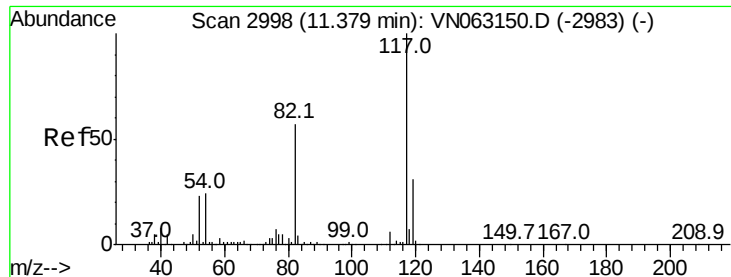
Ion Ratio Lower Upper

95 100

174 74.5 0.0 143.8

176 72.7 0.0 138.4

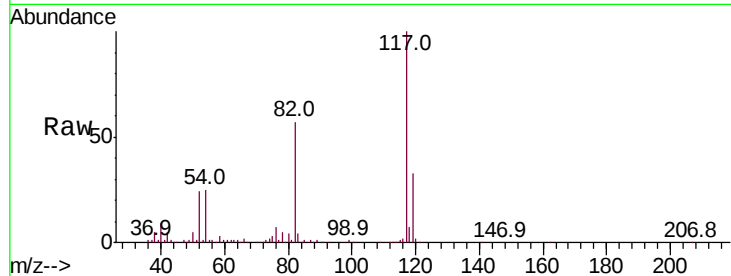




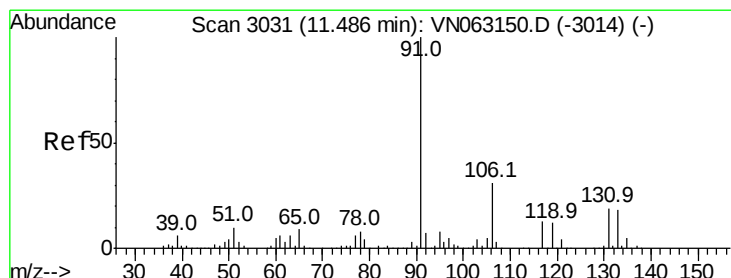
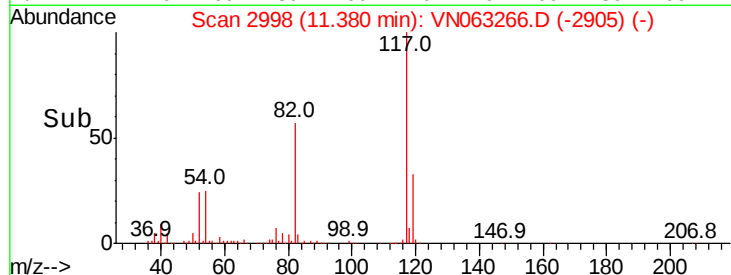
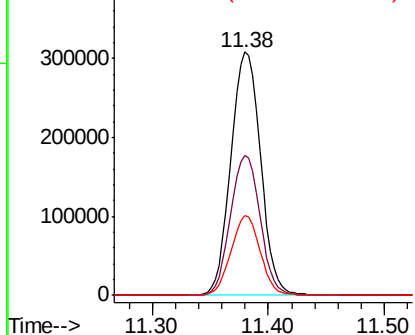
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063266.D
Acq: 5 Sep 2020 4:00

Instrument :
MSVOA_N
ClientSampled :
TP-2

Tot Ion:117 Resp: 546848
Ion Ratio Lower Upper
117 100
82 57.3 45.4 68.0
119 32.8 24.6 37.0

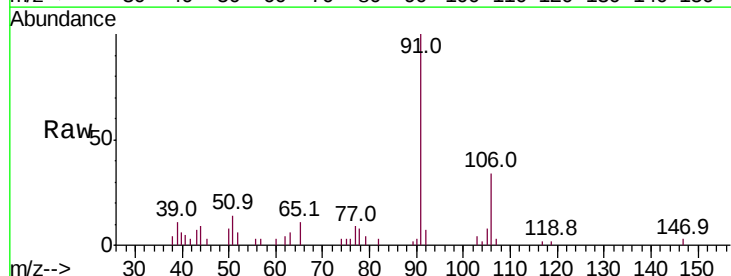


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

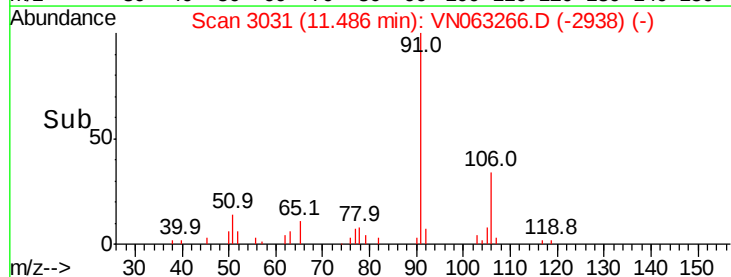
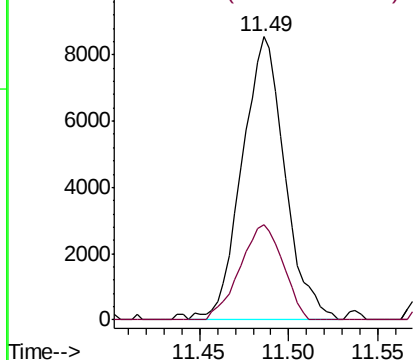


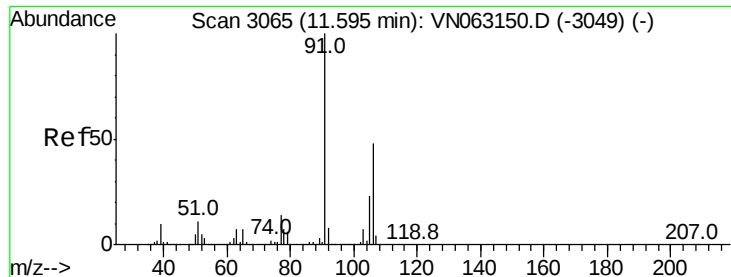
#67
Ethyl Benzene
Concen: 0.711 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063266.D
Acq: 5 Sep 2020 4:00

Tgt Ion: 91 Resp: 14291
Ion Ratio Lower Upper
91 100
106 33.6 24.4 36.6



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





#68

m/p-Xylenes

Concen: 0.761 ug/l

RT: 11.60 min Scan# 3067

Delta R.T. 0.01 min

Lab File: VN063266.D

Acq: 5 Sep 2020 4:00

Instrument :

MSVOA_N

ClientSampled :

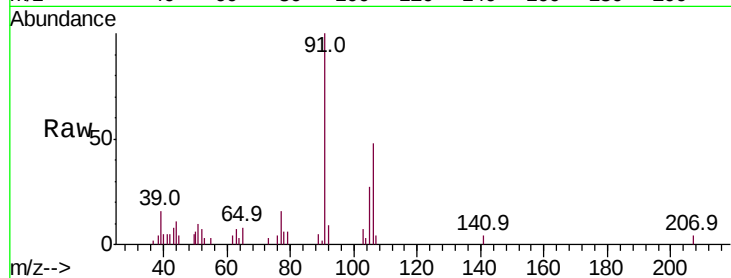
TP-2

Tot Ion:106 Resp: 5665

Ion Ratio Lower Upper

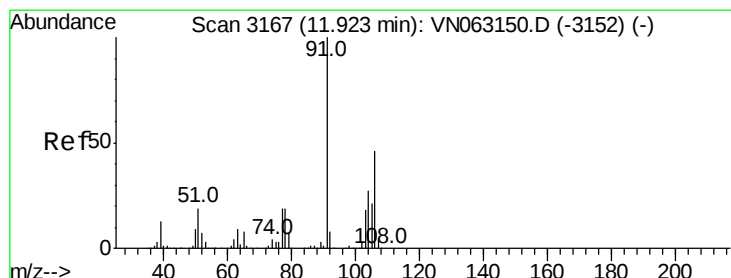
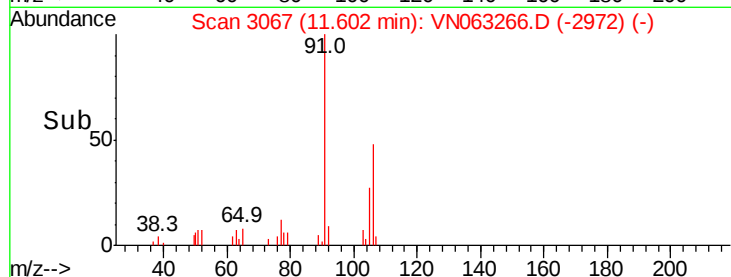
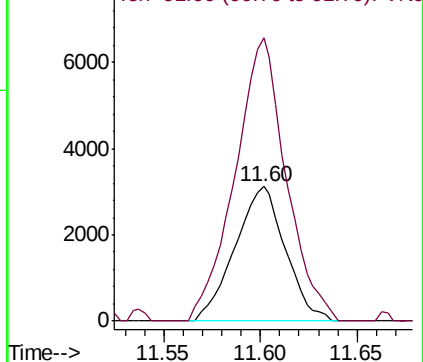
106 100

91 213.3 166.7 250.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

o-Xylene

Concen: 0.366 ug/l

RT: 11.92 min Scan# 3166

Delta R.T. -0.00 min

Lab File: VN063266.D

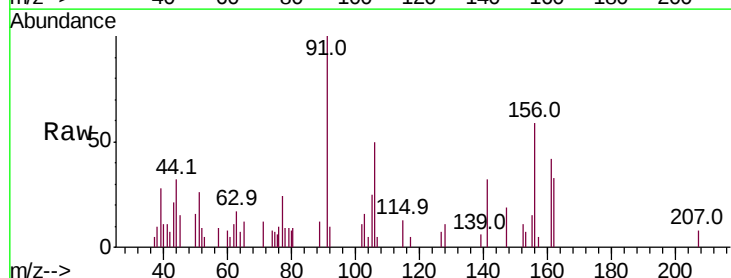
Acq: 5 Sep 2020 4:00

Tgt Ion:106 Resp: 2629

Ion Ratio Lower Upper

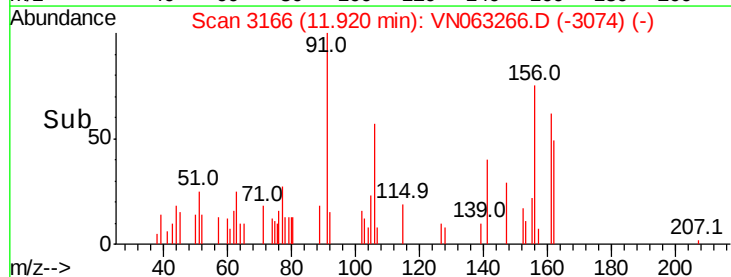
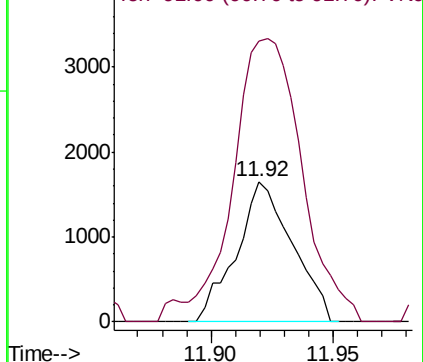
106 100

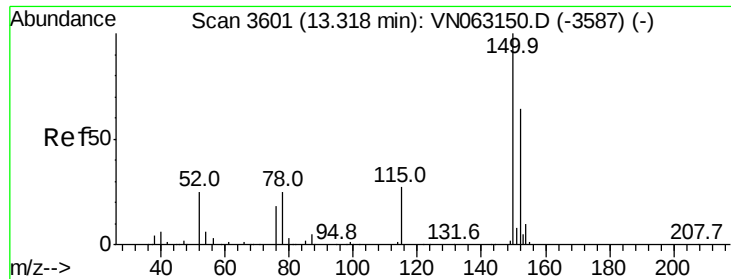
91 251.8 108.6 325.6



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: VN063266.D

Acq: 5 Sep 2020 4:00

Instrument :

MSVOA_N

ClientSampled :

TP-2

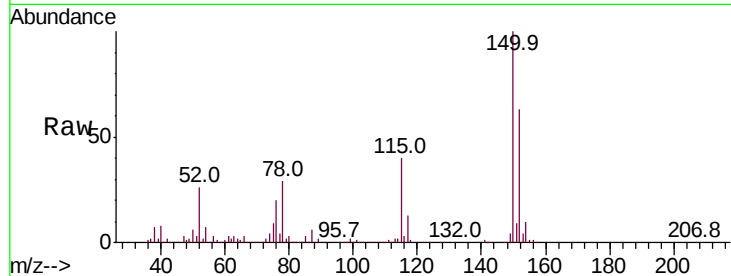
Tot Ion:152 Resp: 221739

Ion Ratio Lower Upper

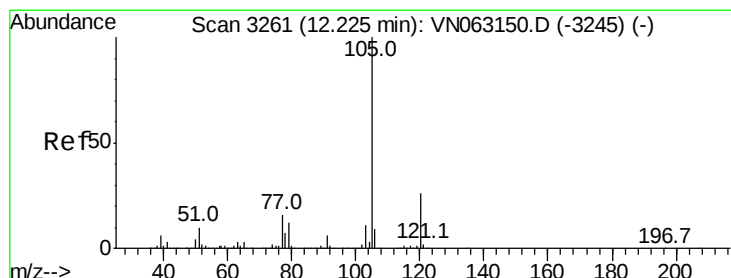
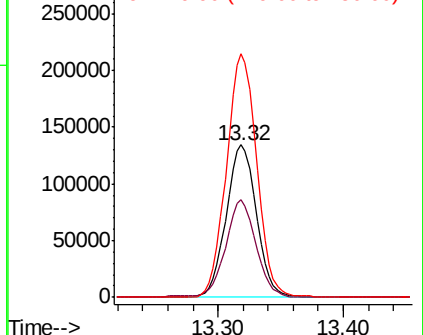
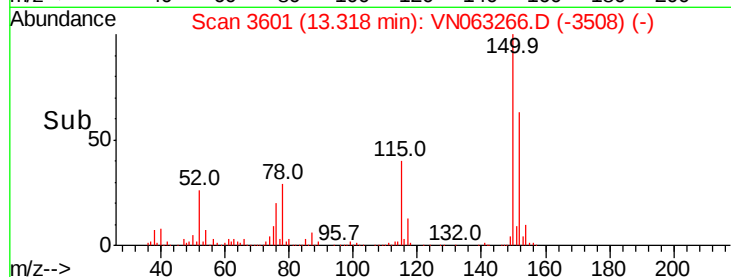
152 100

115 63.4 32.0 96.2

150 162.5 0.0 353.0



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: 0.510 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063266.D

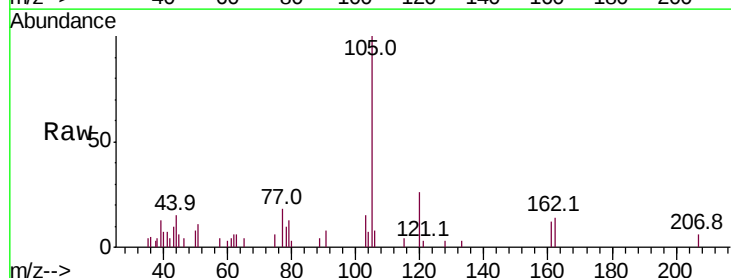
Acq: 5 Sep 2020 4:00

Tgt Ion:105 Resp: 8679

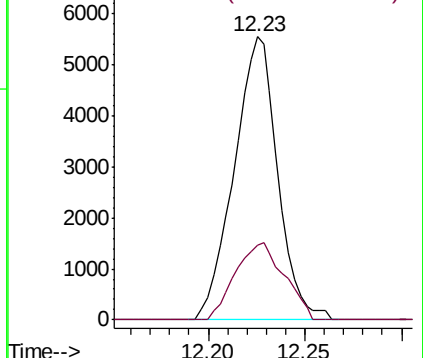
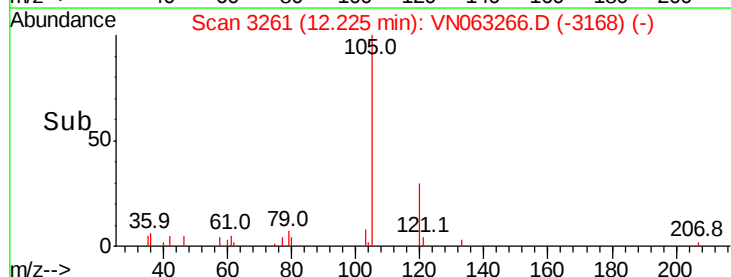
Ion Ratio Lower Upper

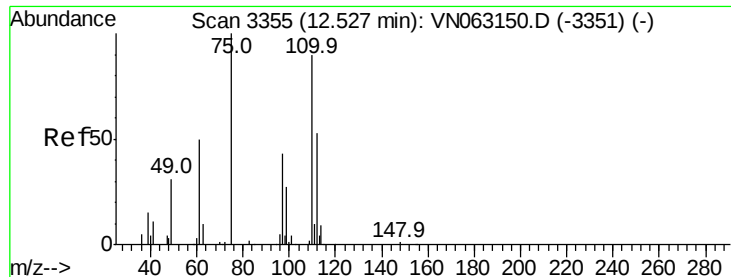
105 100

120 30.7 12.9 38.6



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: 33.965 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063266.D

Acq: 5 Sep 2020 4:00

Instrument :

MSVOA_N

ClientSampleId :

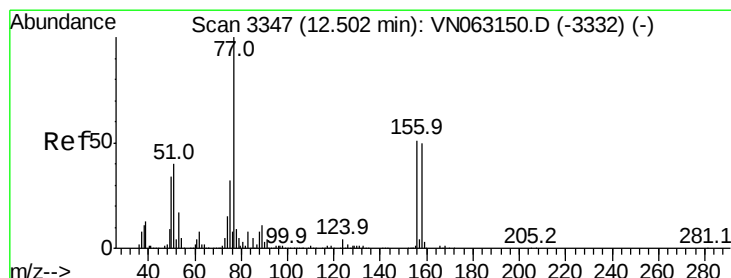
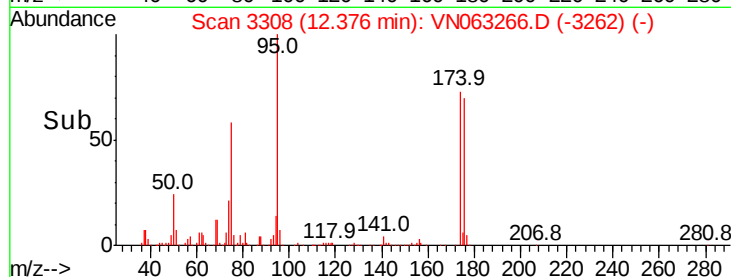
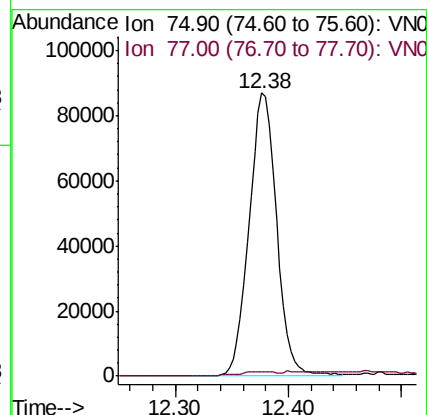
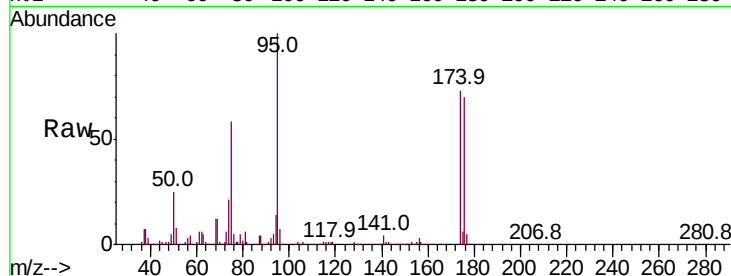
TP-2

Tot Ion: 75 Resp: 147975

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#77

Bromobenzene

Concen: 9.975 ug/l

RT: 12.43 min Scan# 3324

Delta R.T. -0.07 min

Lab File: VN063266.D

Acq: 5 Sep 2020 4:00

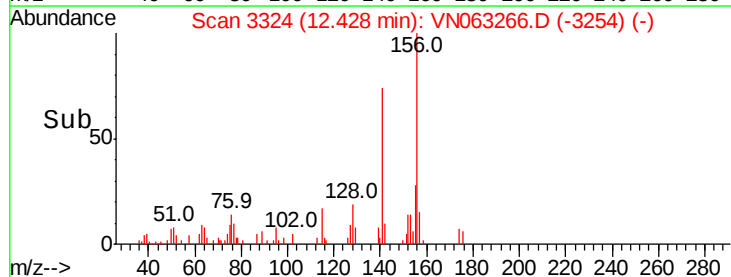
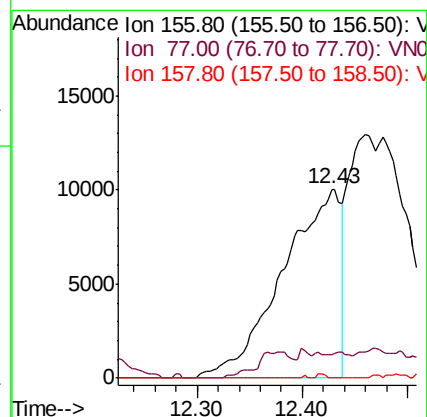
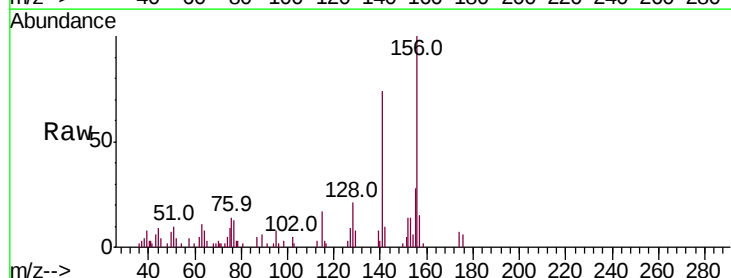
Tgt Ion: 156 Resp: 38369

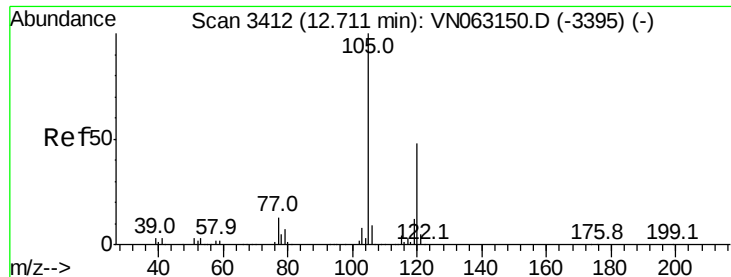
Ion Ratio Lower Upper

156 100

77 0.0 116.1 348.3#

158 0.3 48.8 146.4#

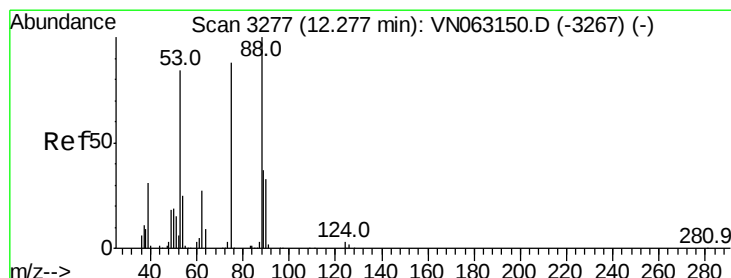
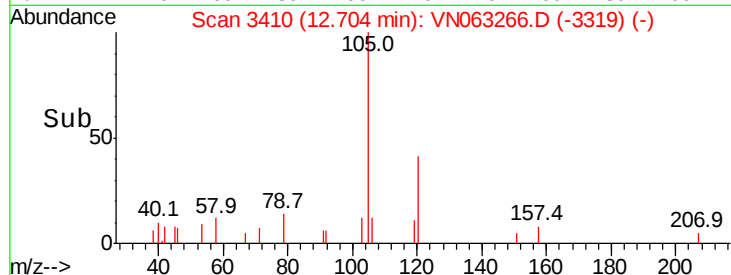
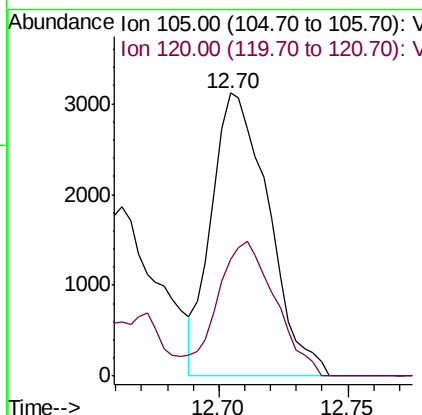
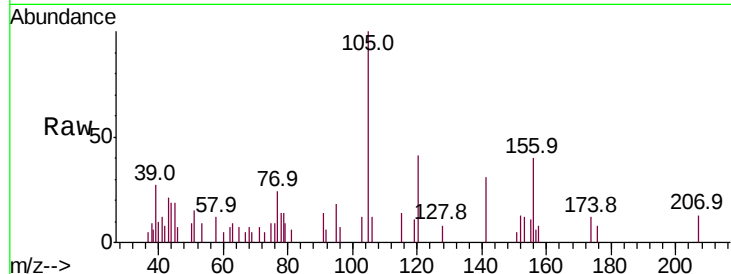




#80
 1,3,5-Trimethylbenzene
 Concen: 0.339 ug/l
 RT: 12.70 min Scan# 3410
 Delta R.T. -0.01 min
 Lab File: VN063266.D
 Acq: 5 Sep 2020 4:00

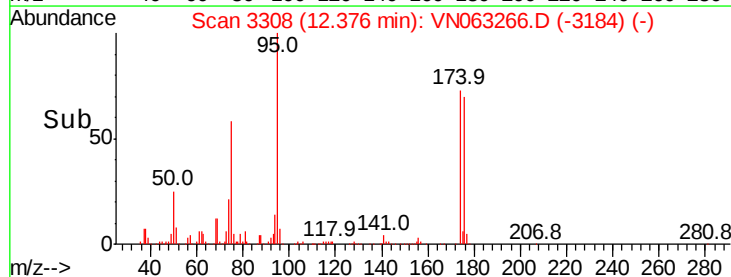
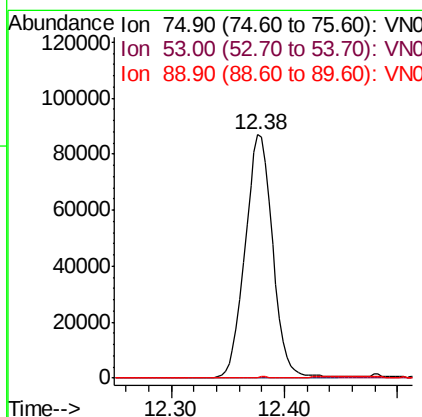
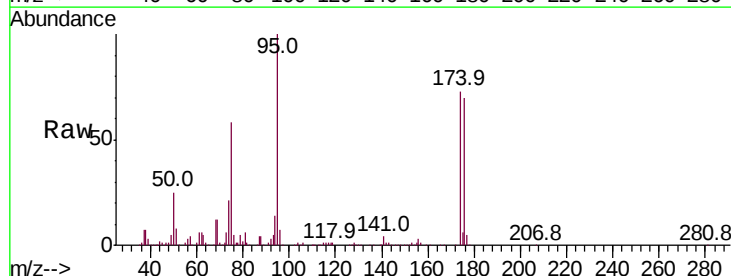
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

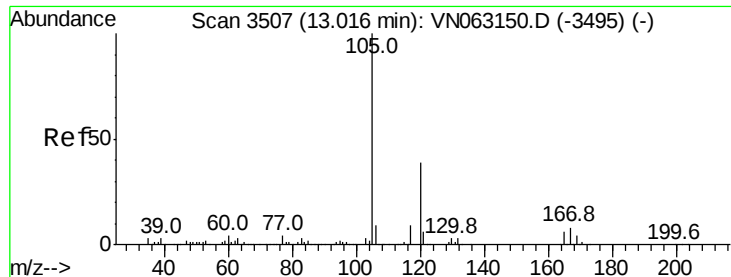
Tot Ion:105 Resp: 4803
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.2 72.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.093 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.10 min
 Lab File: VN063266.D
 Acq: 5 Sep 2020 4:00

Tgt Ion: 75 Resp: 147975
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.7 118.1#
 89 0.4 35.3 52.9#

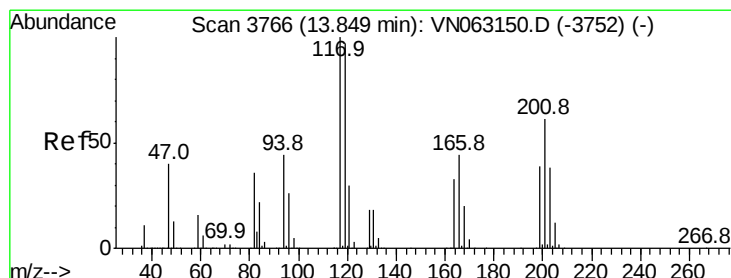
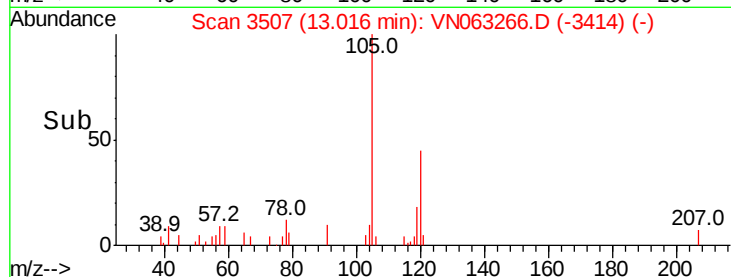
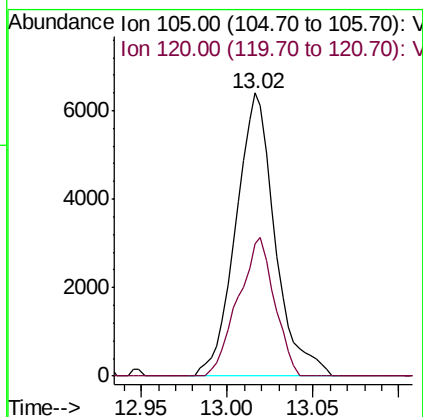
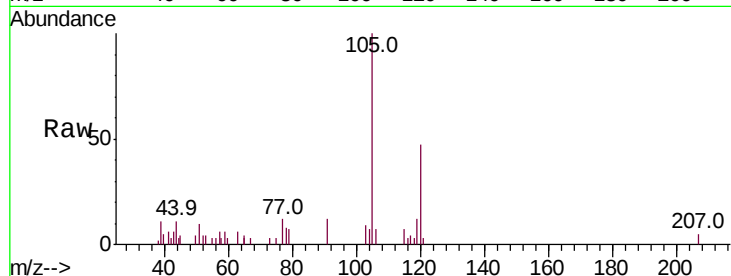




#84
 1,2,4-Trimethylbenzene
 Concen: 0.712 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063266.D
 Acq: 5 Sep 2020 4:00

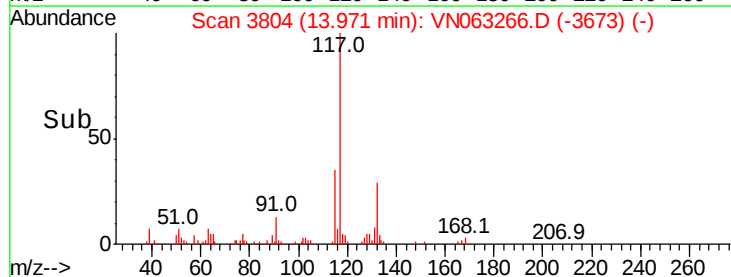
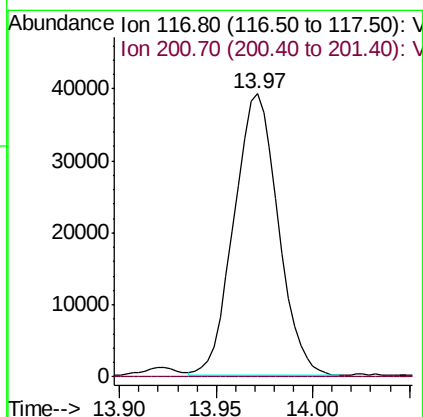
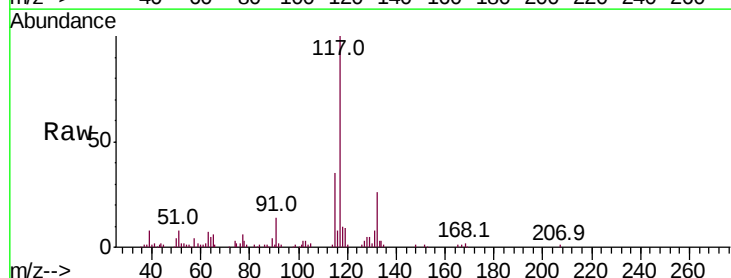
Instrument :
 MSVOA_N
 ClientSampled :
 TP-2

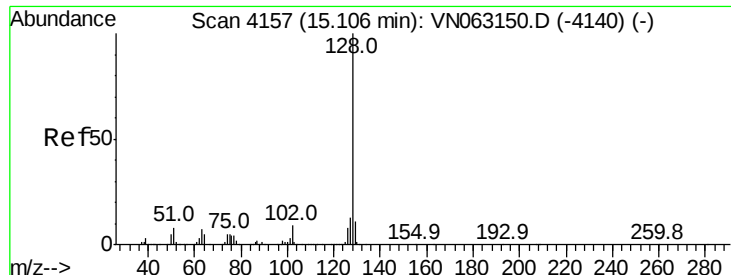
Tot Ion:105 Resp: 10158
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.6 67.7



#90
 Hexachloroethane
 Concen: 23.847 ug/l
 RT: 13.97 min Scan# 3804
 Delta R.T. 0.12 min
 Lab File: VN063266.D
 Acq: 5 Sep 2020 4:00

Tgt Ion:117 Resp: 62012
 Ion Ratio Lower Upper
 117 100
 201 0.0 30.6 92.0#





#95

Naphthalene

Concen: 38.049 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063266.D

Acq: 5 Sep 2020 4:00

Instrument :

MSVOA_N

ClientSampleId :

TP-2

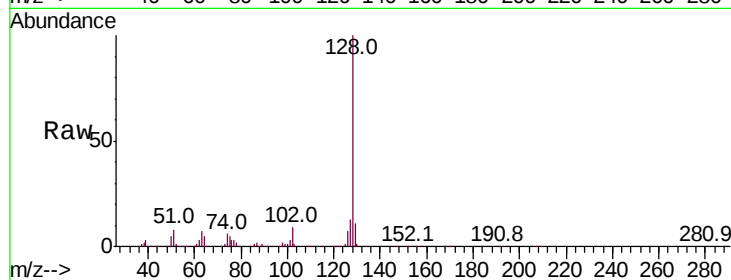
Tot Ion:128 Resp: 486302

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.9 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

