

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090220\
 Data File : VN063192.D
 Acq On : 2 Sep 2020 13:53
 Operator : JC/MD
 Sample : PB131350ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131350ZHE#01

Quant Time: Sep 03 00:59:56 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	335660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	646617	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	640210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	254805	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	265015	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
35) Dibromofluoromethane	7.55	113	207943	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	
50) Toluene-d8	10.06	98	828538	51.89	ug/l	0.00
Spiked Amount			Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.38	95	294479	52.72	ug/l	0.00
Spiked Amount			Recovery	=	105.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	1982	0.412	ug/l #	68
5) Bromomethane	2.55	94	1830	0.409	ug/l	98
7) Trichlorofluoromethane	2.98	101	738	Below Cal	#	53
10) Methyl Iodide	3.93	142	1683	0.341	ug/l #	75
11) Tert butyl alcohol	4.73	59	315	0.468	ug/l #	72
13) Acrolein	3.55	56	210	16.537	ug/l #	80
15) Acrylonitrile	4.94	53	553	2.694	ug/l #	70
16) Acetone	3.78	43	27611	17.701	ug/l	97
17) Carbon Disulfide	4.02	76	6360	0.580	ug/l #	73
18) Methyl Acetate	4.29	43	6355	1.589	ug/l #	84
20) Methylene Chloride	4.51	84	13406	2.590	ug/l	87
25) 2-Butanone	6.80	43	6608	2.736	ug/l #	75
29) Tetrahydrofuran	7.17	42	2113	1.265	ug/l #	84
31) Cyclohexane	7.62	56	11290	Below Cal	#	48
36) 1,1-Dichloropropene	7.63	75	30672	4.934	ug/l #	50
37) Ethyl Acetate	6.88	43	277	0.427	ug/l #	94
38) Carbon Tetrachloride	7.63	117	38215	6.062	ug/l #	15
43) Isopropyl Acetate	8.13	43	129337	12.758	ug/l #	89
48) Methyl methacrylate	9.23	41	202017	44.204	ug/l #	45
49) 1,4-Dioxane	9.17	88	182	2.575	ug/l #	25
51) 4-Methyl-2-Pentanone	9.95	43	17385	3.156	ug/l	97
52) Toluene	10.13	92	2606	0.229	ug/l	77
54) cis-1,3-Dichloropropene	9.87	75	56087	7.110	ug/l #	64
59) 2-Hexanone	10.74	43	132649	34.262	ug/l #	52
68) m/p-Xylenes	11.60	106	2412	0.277	ug/l	84
74) N-amyl acetate	12.00	43	1981	0.245	ug/l #	53
76) 1,2,3-Trichloropropane	12.38	75	168502	33.657	ug/l #	100
77) Bromobenzene	12.50	156	961	0.217	ug/l #	22
78) n-propylbenzene	12.57	91	5086	0.225	ug/l	99
79) 2-Chlorotoluene	12.66	91	2988	0.221	ug/l	80
80) 1,3,5-Trimethylbenzene	12.71	105	10572	0.650	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	168502	81.349	ug/l #	10
82) 4-Chlorotoluene	12.75	91	3354	0.239	ug/l	76
84) 1,2,4-Trimethylbenzene	13.02	105	3378	0.206	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090220\
 Data File : VN063192.D
 Acq On : 2 Sep 2020 13:53
 Operator : JC/MD
 Sample : PB131350ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131350ZHE#01

Quant Time: Sep 03 00:59:56 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

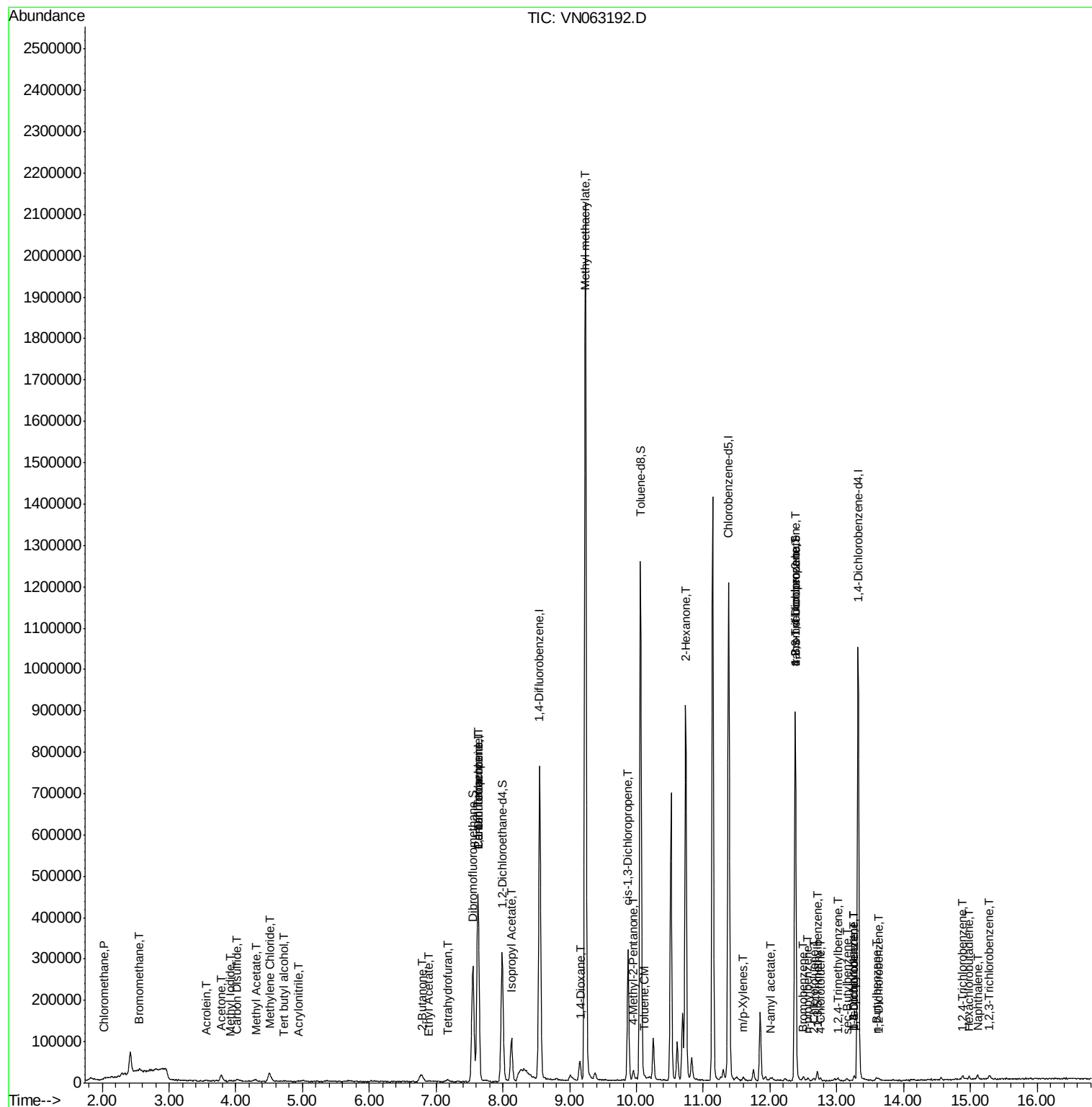
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.15	105	3714	0.204	ug/l	99
86) p-Isopropyltoluene	13.27	119	4060	0.252	ug/l #	81
87) 1,3-Dichlorobenzene	13.26	146	2444	0.301	ug/l	88
88) 1,4-Dichlorobenzene	13.26	146	2444	0.291	ug/l	88
89) n-Butylbenzene	13.59	91	4228	0.284	ug/l	88
91) 1,2-Dichlorobenzene	13.63	146	1890	0.240	ug/l	92
93) 1,2,4-Trichlorobenzene	14.88	180	2480	0.563	ug/l	96
94) Hexachlorobutadiene	14.99	225	930	0.566	ug/l	86
95) Naphthalene	15.11	128	8803	0.599	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.29	180	2683	0.626	ug/l	92

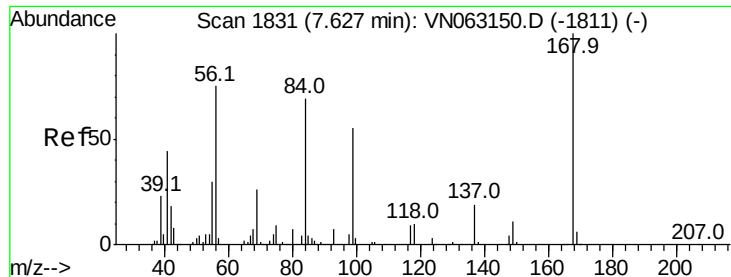
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090220\
Data File : VN063192.D
Acq On : 2 Sep 2020 13:53
Operator : JC/MD
Sample : PB131350ZHE#01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB131350ZHE#01

Quant Time: Sep 03 00:59:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN063192.D

Acq: 2 Sep 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

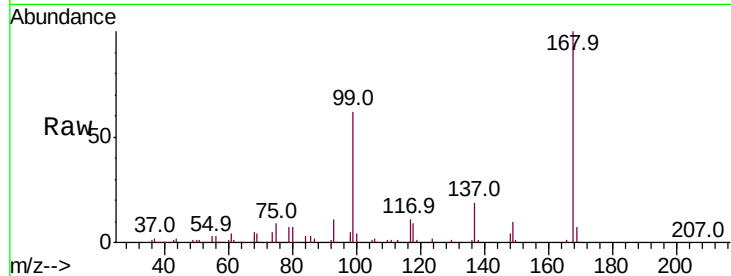
PB131350ZHE#01

Tot Ion:168 Resp: 335660

Ion Ratio Lower Upper

168 100

99 61.5 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): VN063192.D (-1738) (-)

Ion 98.90 (98.60 to 99.60): VN063192.D (-1738) (-)

7.63

150000

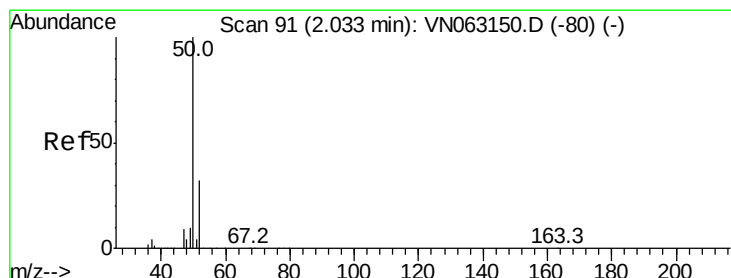
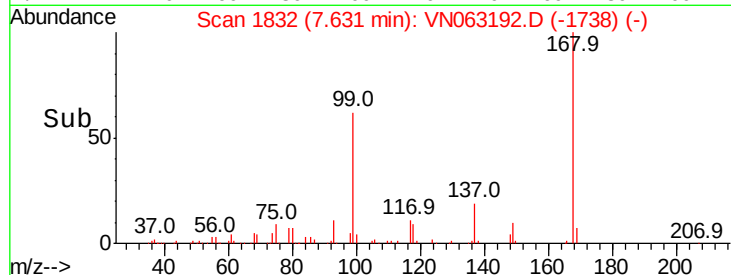
100000

50000

0

7.50 7.60 7.70

Time-->



#3

Chloromethane

Concen: 0.412 ug/l

RT: 2.03 min Scan# 90

Delta R.T. -0.00 min

Lab File: VN063192.D

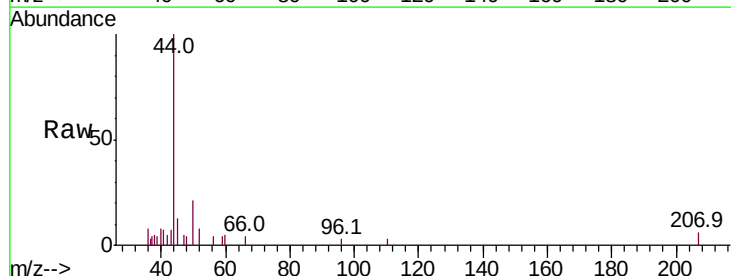
Acq: 2 Sep 2020 13:53

Tgt Ion: 50 Resp: 1982

Ion Ratio Lower Upper

50 100

52 50.1 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VN063192.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN063192.D (-1) (-)

2.03

1200

1000

800

600

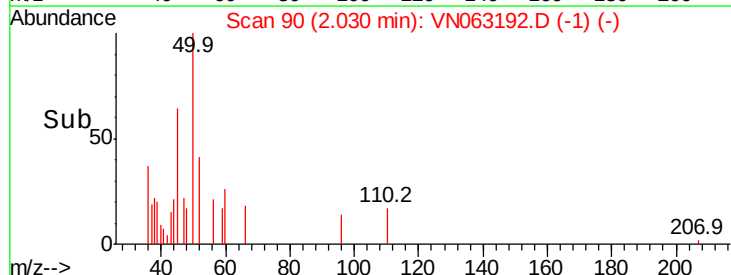
400

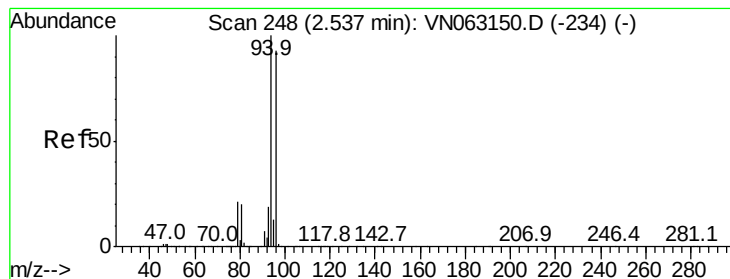
200

0

2.00 2.05

Time-->





#5

Bromomethane

Concen: 0.409 ug/l

RT: 2.55 min Scan# 251

Delta R.T. 0.01 min

Lab File: VN063192.D

Acq: 2 Sep 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

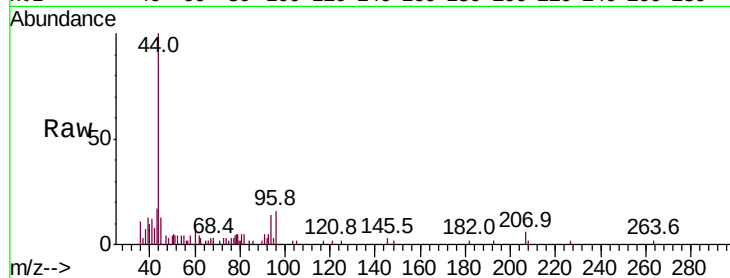
PB131350ZHE#01

Tot Ion: 94 Resp: 1830

Ion Ratio Lower Upper

94 100

96 94.7 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VN063192.D (-251) (-)

Ion 95.90 (95.60 to 96.60): VN063192.D (-251) (-)

2.55

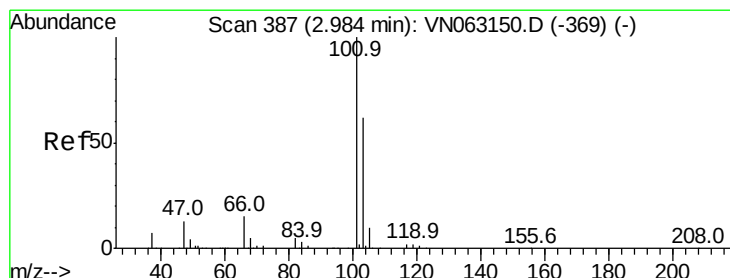
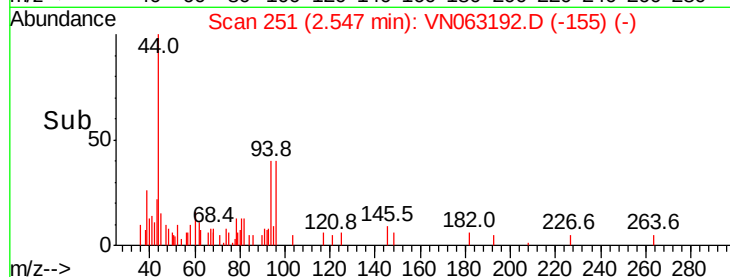
1500

1000

500

0

Time-->



#7

Trichlorofluoromethane

Concen: Below Cal

RT: 2.98 min Scan# 387

Delta R.T. 0.00 min

Lab File: VN063192.D

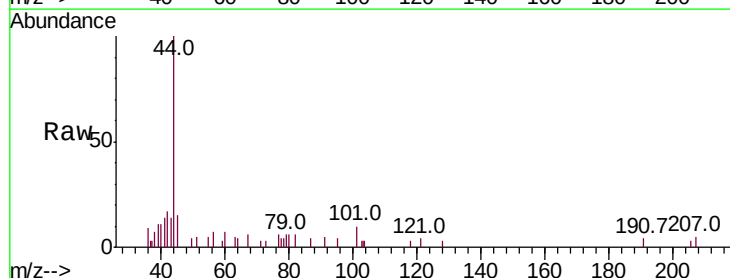
Acq: 2 Sep 2020 13:53

Tgt Ion: 101 Resp: 738

Ion Ratio Lower Upper

101 100

103 25.8 49.7 74.5#



Abundance Ion 100.90 (100.60 to 101.60): VN063192.D (-387) (-)

Ion 102.80 (102.50 to 103.50): VN063192.D (-387) (-)

2.98

500

400

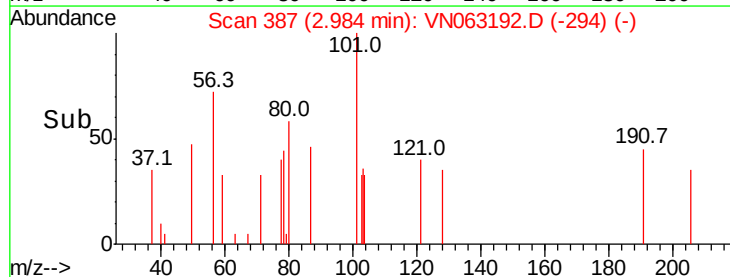
300

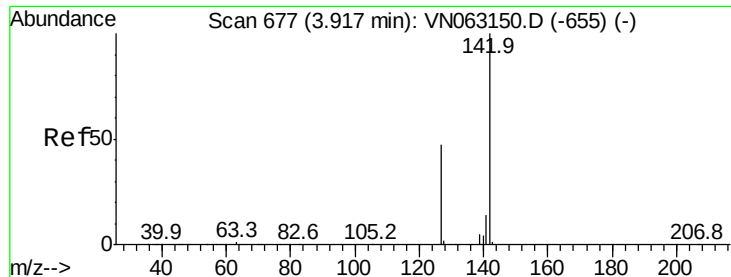
200

100

0

Time-->

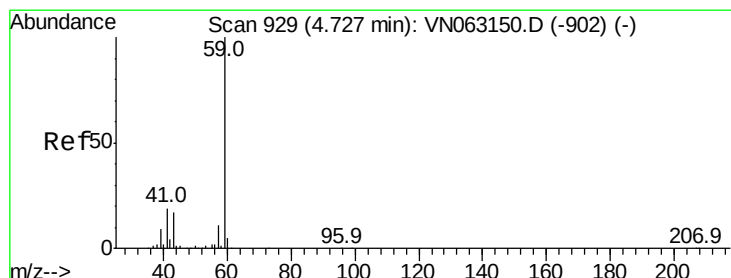
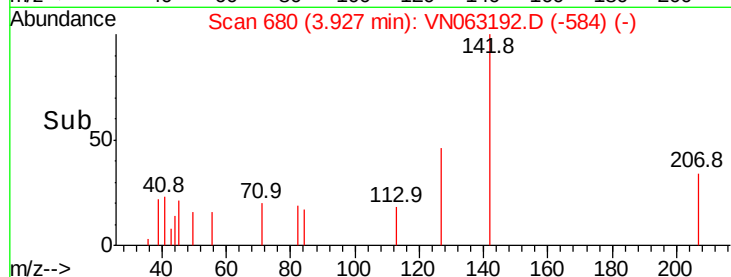
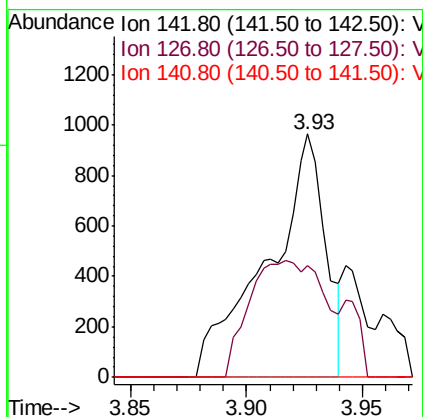
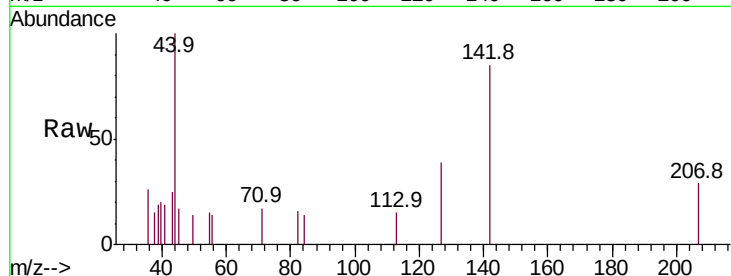




#10
Methvl Iodide
Concen: 0.341 ug/l
RT: 3.93 min Scan# 680
Delta R.T. 0.01 min
Lab File: VN063192.D
Acq: 2 Sep 2020 13:53

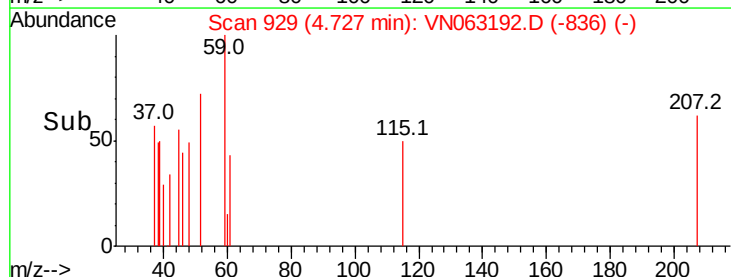
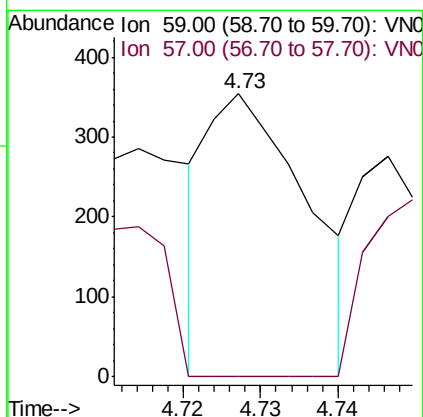
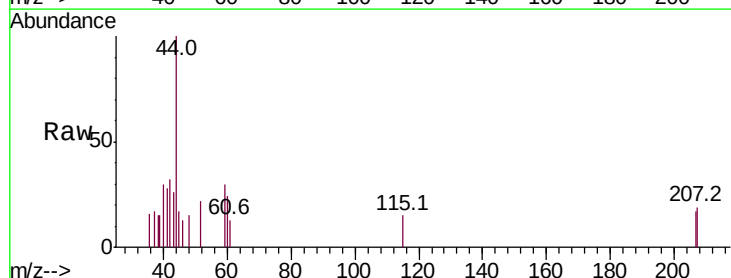
Instrument :
MSVOA_N
ClientSampleId :
PB131350ZHE#01

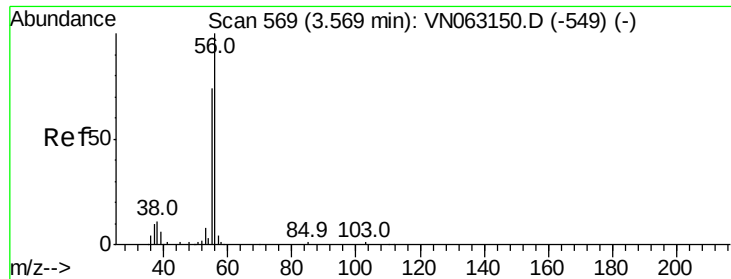
Tot Ion:142 Resp: 1683
Ion Ratio Lower Upper
142 100
127 61.9 37.6 56.4#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.468 ug/l
RT: 4.73 min Scan# 929
Delta R.T. 0.00 min
Lab File: VN063192.D
Acq: 2 Sep 2020 13:53

Tgt Ion: 59 Resp: 315
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#

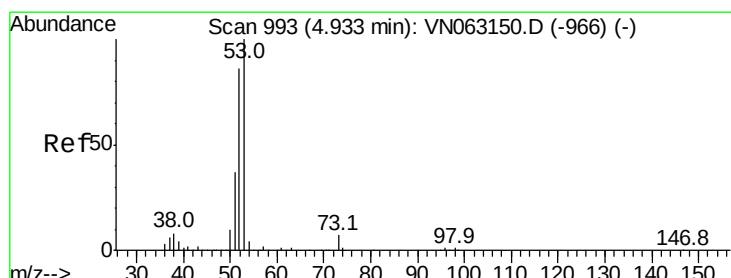
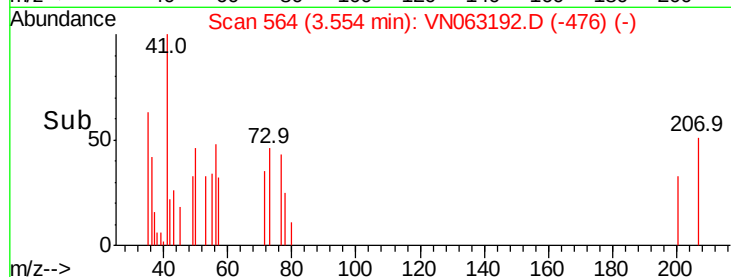
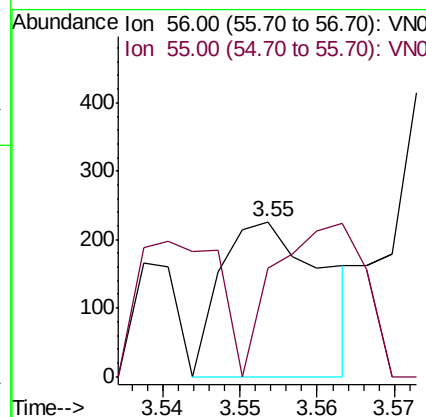
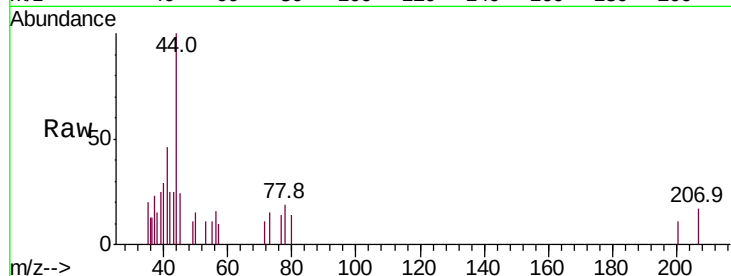




#13
Acrolein
Concen: 16.537 ug/l
RT: 3.55 min Scan# 564
Delta R.T. -0.02 min
Lab File: VN063192.D
Acq: 2 Sep 2020 13:53

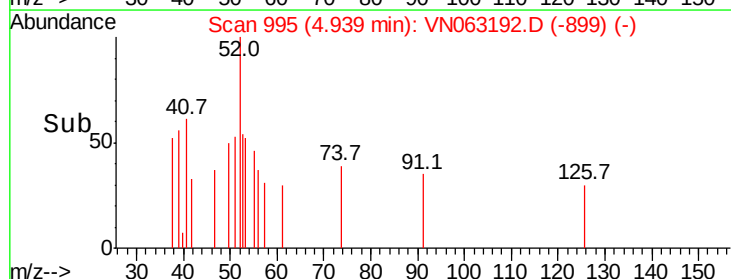
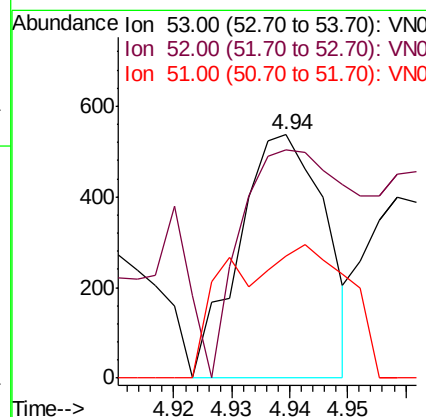
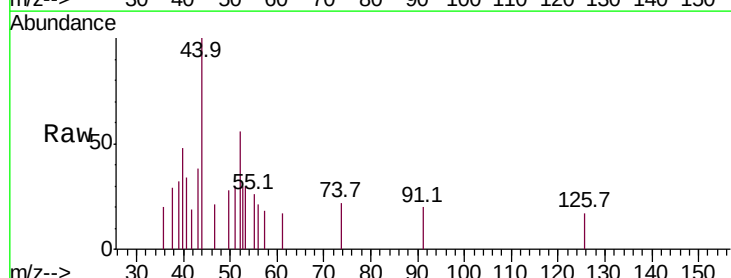
Instrument :
MSVOA_N
ClientSampleId :
PB131350ZHE#01

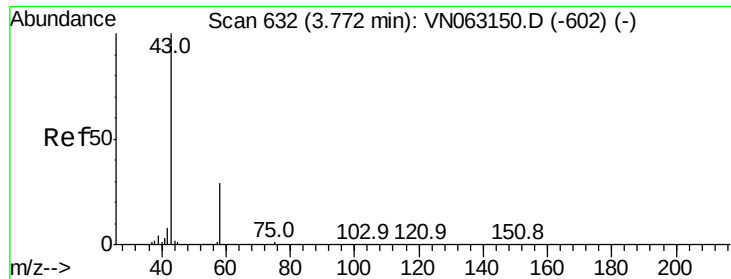
Tot Ion: 56 Resp: 210
Ion Ratio Lower Upper
56 100
55 85.2 55.4 83.0#



#15
Acrylonitrile
Concen: 2.694 ug/l
RT: 4.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: VN063192.D
Acq: 2 Sep 2020 13:53

Tgt Ion: 53 Resp: 553
Ion Ratio Lower Upper
53 100
52 119.7 67.2 100.8#
51 43.8 30.2 45.4





#16

Acetone

Concen: 17.701 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063192.D

Acq: 2 Sep 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

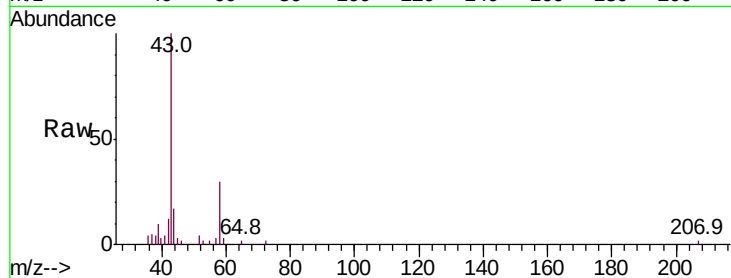
PB131350ZHE#01

Tot Ion: 43 Resp: 27611

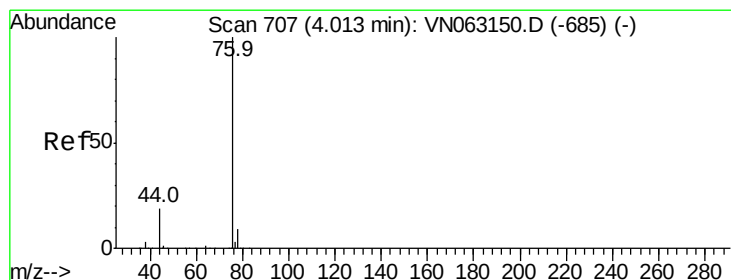
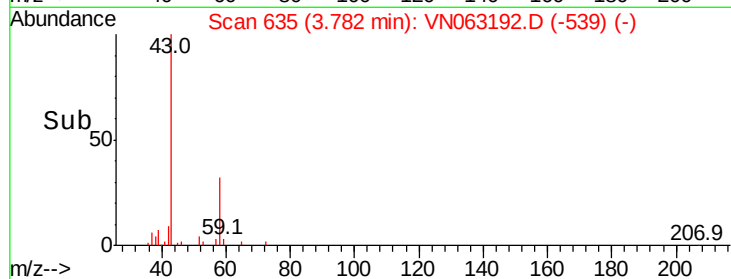
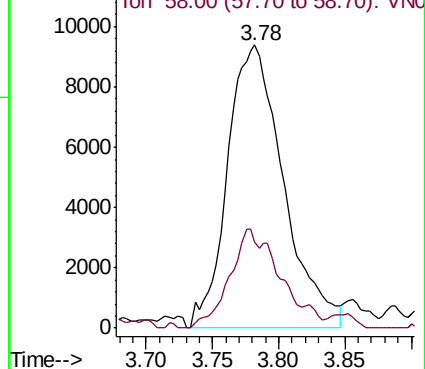
Ion Ratio Lower Upper

43 100

58 30.3 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN063192.D (-635) (-)



#17

Carbon Disulfide

Concen: 0.580 ug/l

RT: 4.02 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN063192.D

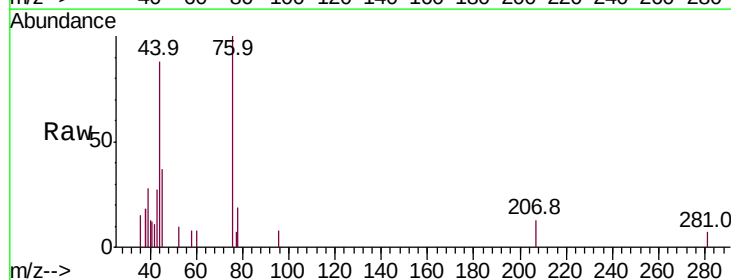
Acq: 2 Sep 2020 13:53

Tgt Ion: 76 Resp: 6360

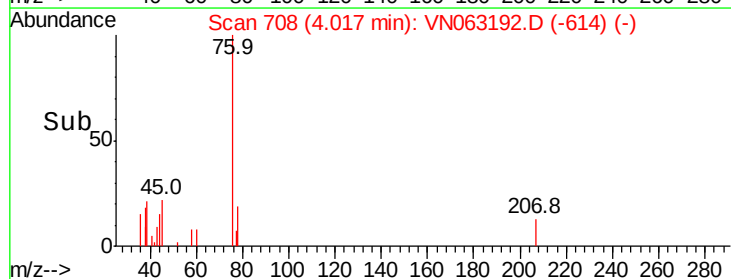
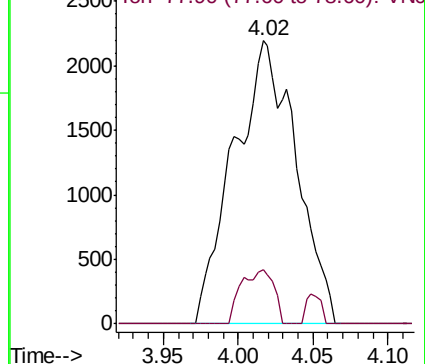
Ion Ratio Lower Upper

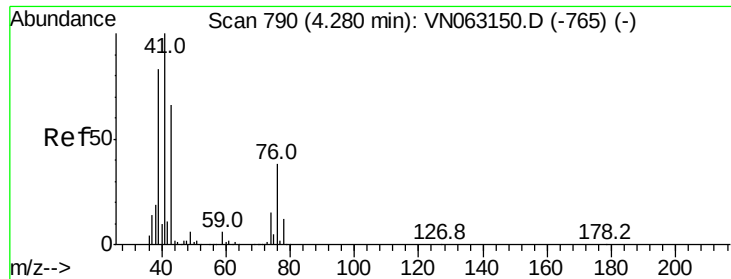
76 100

78 19.4 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VN063192.D (-708) (-)

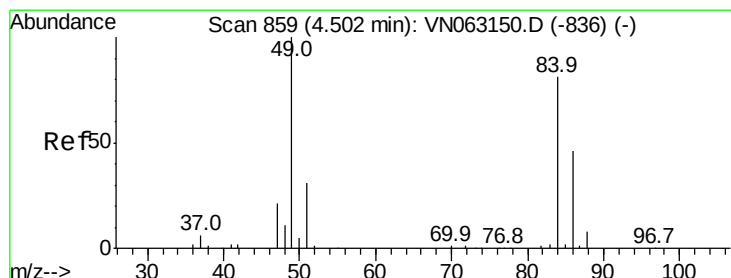
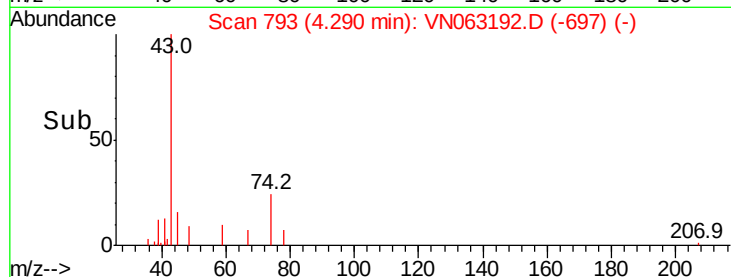
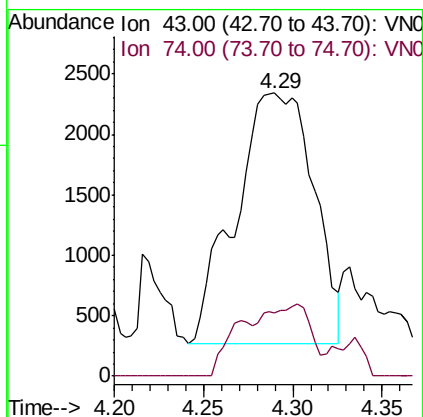
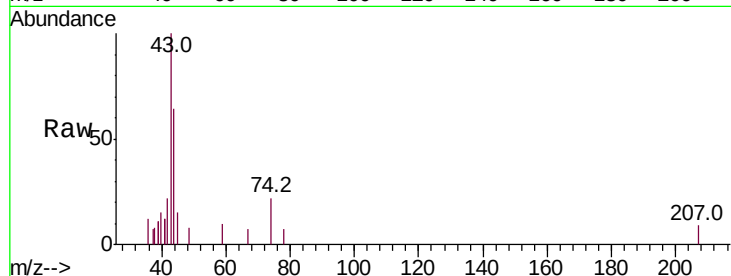




#18
Methyl Acetate
Concen: 1.589 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN063192.D
Acq: 2 Sep 2020 13:53

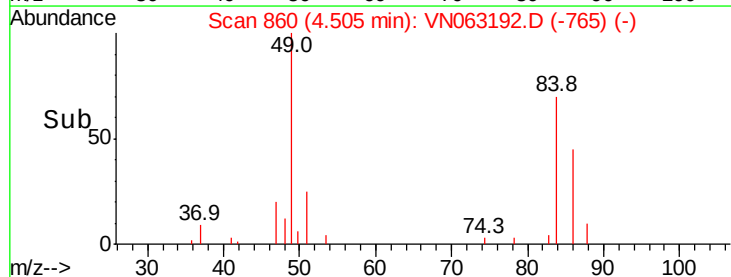
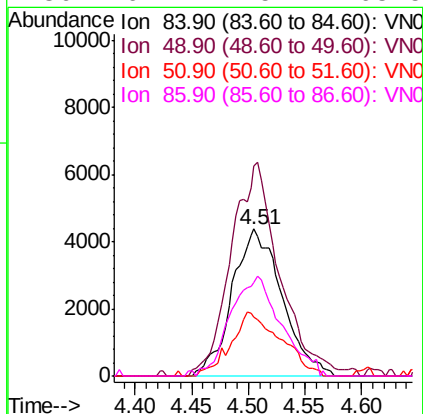
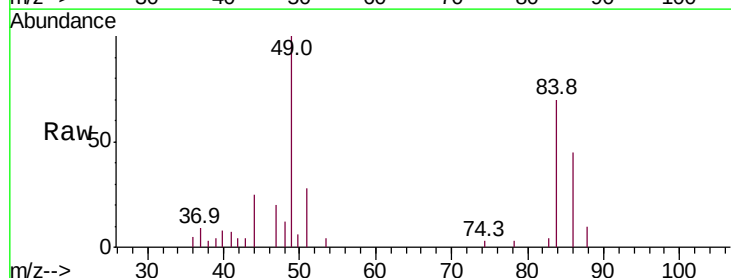
Instrument :
MSVOA_N
ClientSampleId :
PB131350ZHE#01

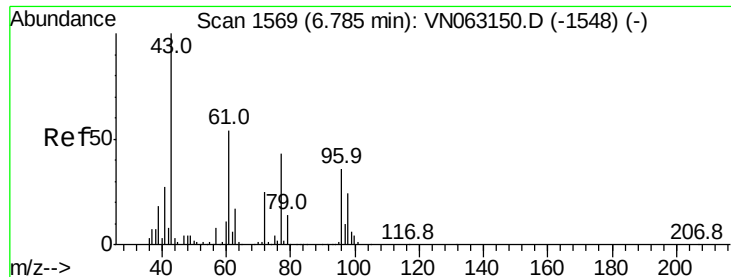
Tot Ion: 43 Resp: 6355
Ion Ratio Lower Upper
43 100
74 16.1 19.0 28.6#



#20
Methylene Chloride
Concen: 2.590 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063192.D
Acq: 2 Sep 2020 13:53

Tgt Ion: 84 Resp: 13406
Ion Ratio Lower Upper
84 100
49 143.3 98.4 147.6
51 40.3 30.4 45.6
86 64.1 45.7 68.5

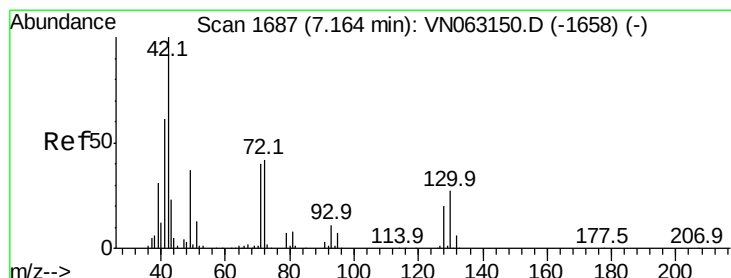
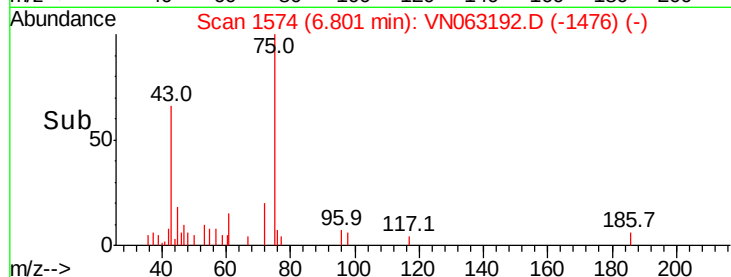
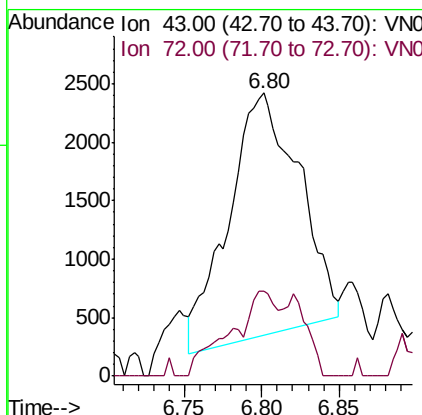
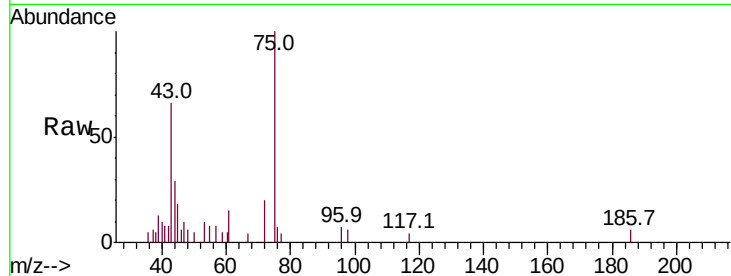




#25
2-Butanone
Concen: 2.736 ug/l
RT: 6.80 min Scan# 1574
Delta R.T. 0.02 min
Lab File: VN063192.D
Acq: 2 Sep 2020 13:53

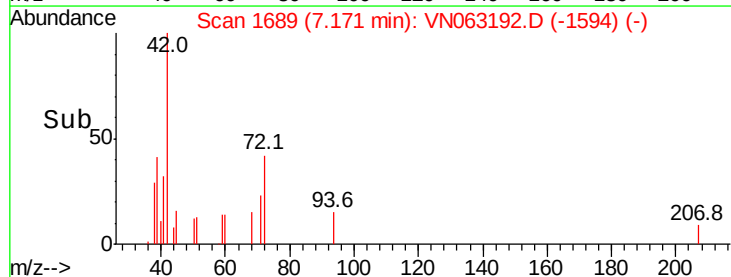
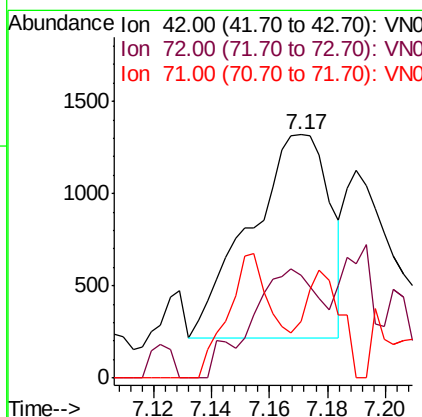
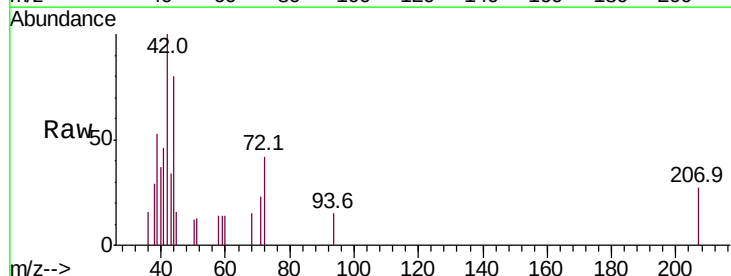
Instrument :
MSVOA_N
ClientSampleId :
PB131350ZHE#01

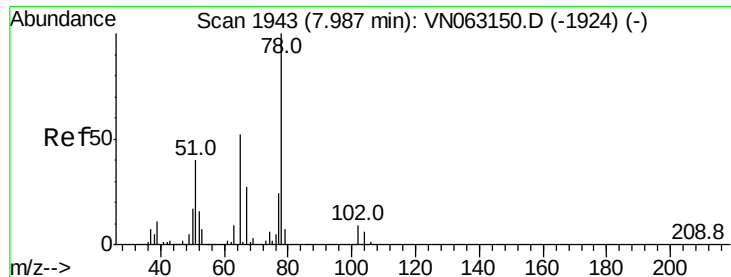
Tot Ion: 43 Resp: 6608
Ion Ratio Lower Upper
43 100
72 37.9 20.2 30.4#



#29
Tetrahydrofuran
Concen: 1.265 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VN063192.D
Acq: 2 Sep 2020 13:53

Tgt Ion: 42 Resp: 2113
Ion Ratio Lower Upper
42 100
72 46.8 33.9 50.9
71 23.6 31.9 47.9#

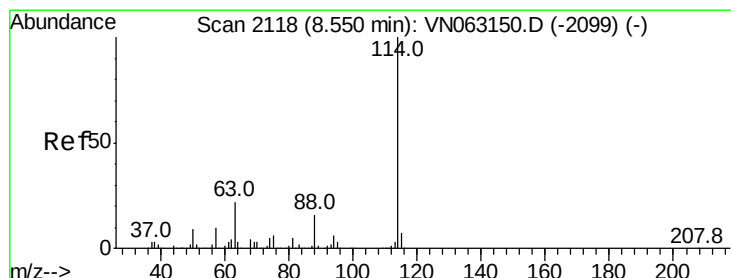
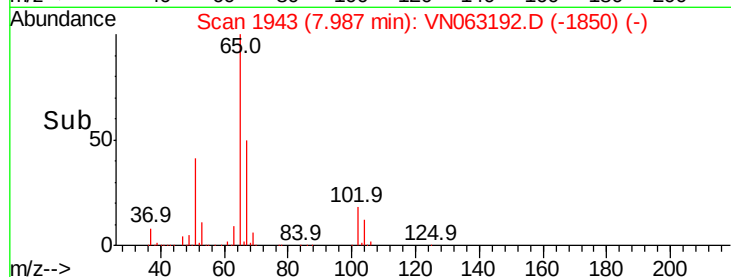
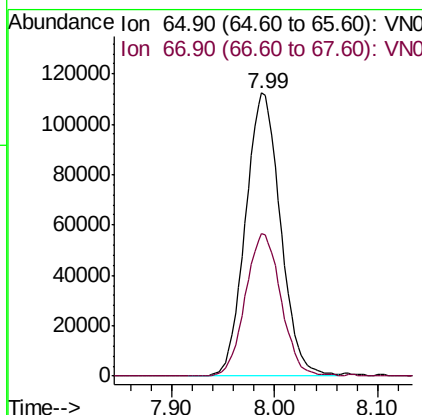
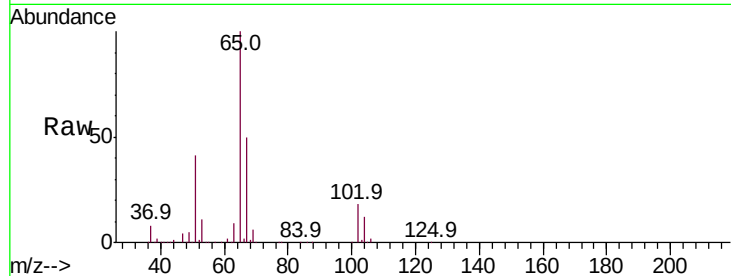




#33
 1,2-Dichloroethane-d4
 Concen: 48.298 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063192.D
 Acq: 2 Sep 2020 13:53

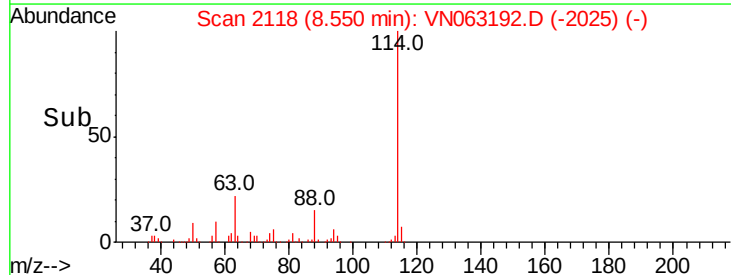
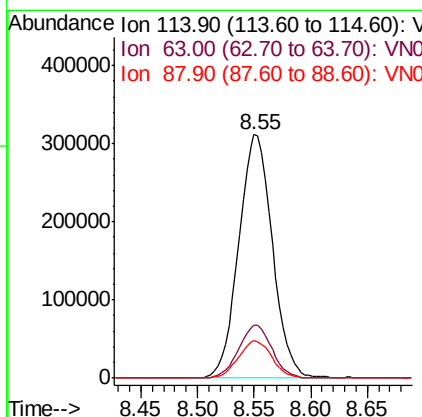
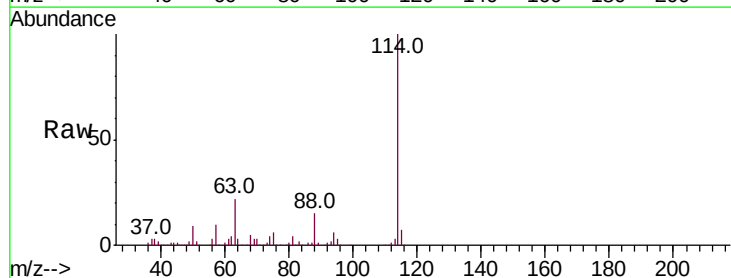
Instrument :
 MSVOA_N
 ClientSampleId :
 PB131350ZHE#01

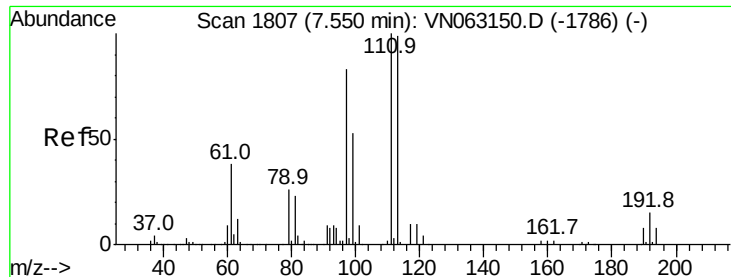
Tot Ion: 65 Resp: 265015
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063192.D
 Acq: 2 Sep 2020 13:53

Tgt Ion: 114 Resp: 646617
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.0
 88 15.2 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.126 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063192.D

Acq: 2 Sep 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

PB131350ZHE#01

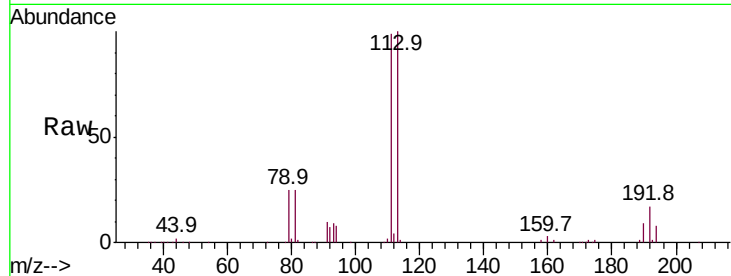
Tot Ion:113 Resp: 207943

Ion Ratio Lower Upper

113 100

111 101.9 80.7 121.1

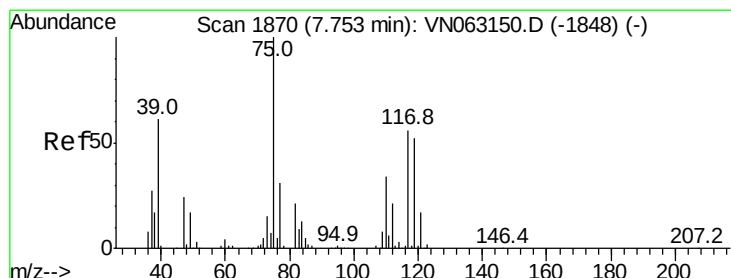
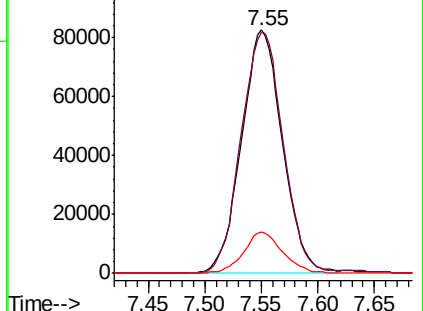
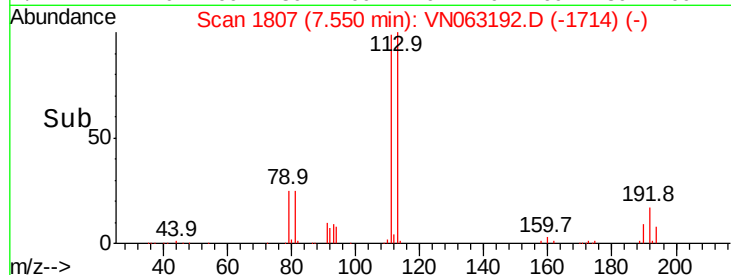
192 16.1 12.6 19.0



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: 4.934 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN063192.D

Acq: 2 Sep 2020 13:53

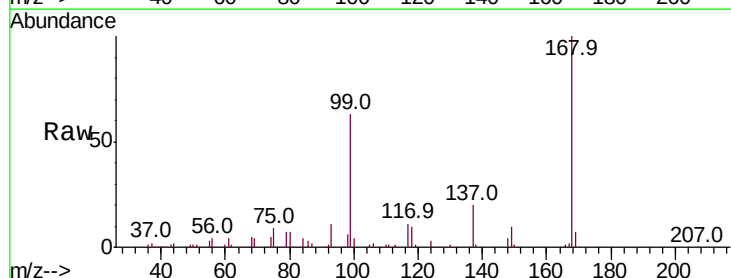
Tgt Ion: 75 Resp: 30672

Ion Ratio Lower Upper

75 100

110 8.4 16.6 49.8#

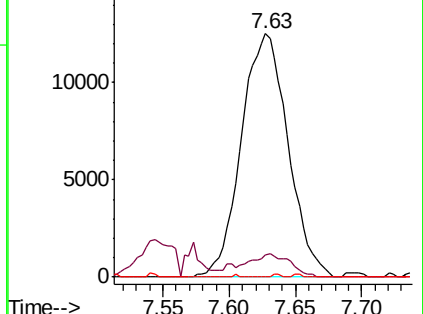
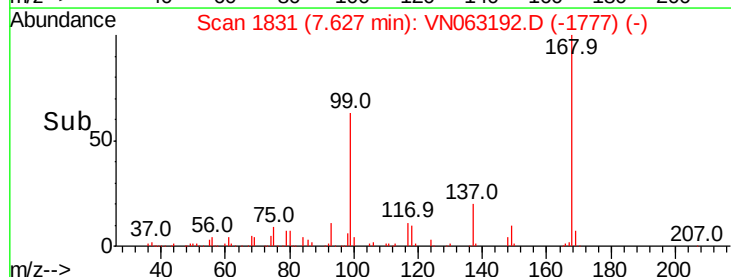
77 0.2 25.4 38.2#

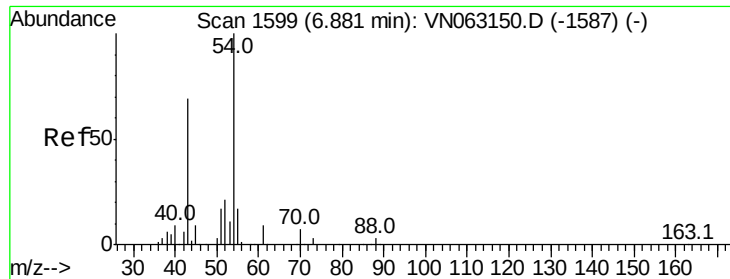


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

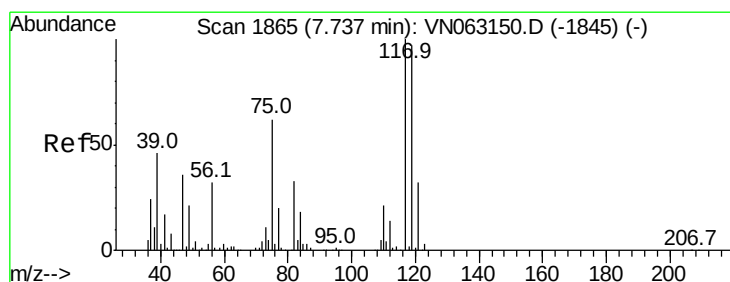
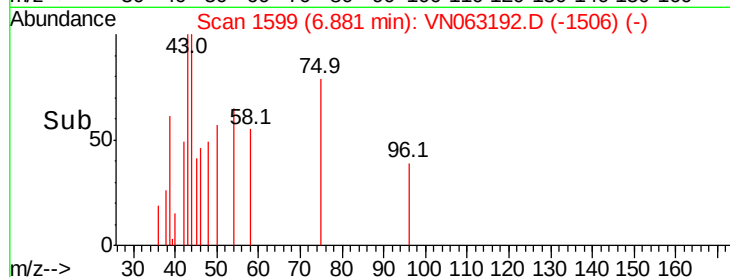
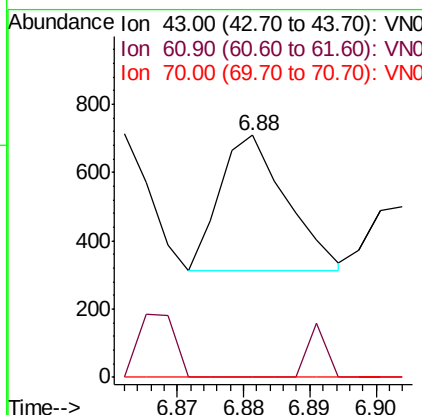
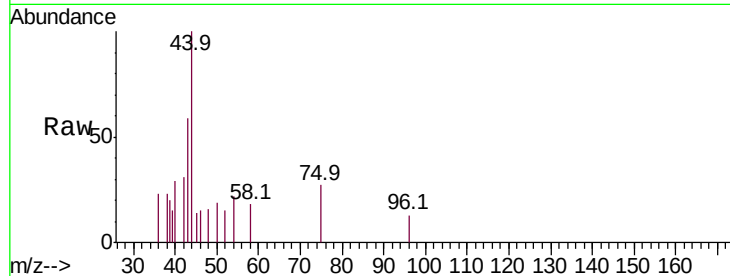




#37
Ethyl Acetate
Concen: 0.427 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063192.D
Acq: 2 Sep 2020 13:53

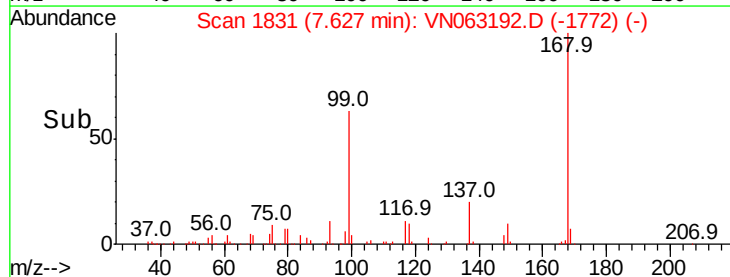
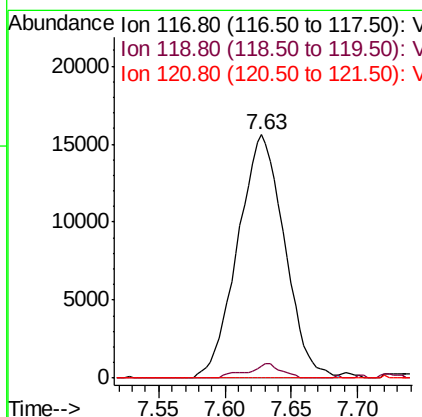
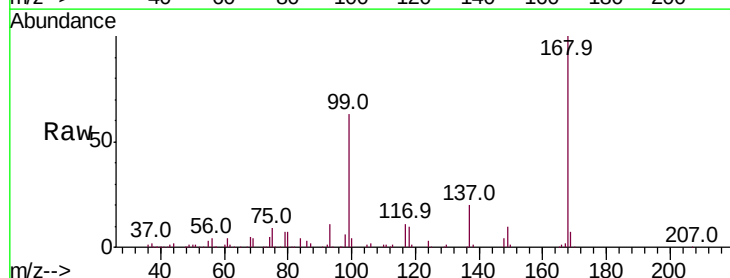
Instrument :
MSVOA_N
ClientSampleId :
PB131350ZHE#01

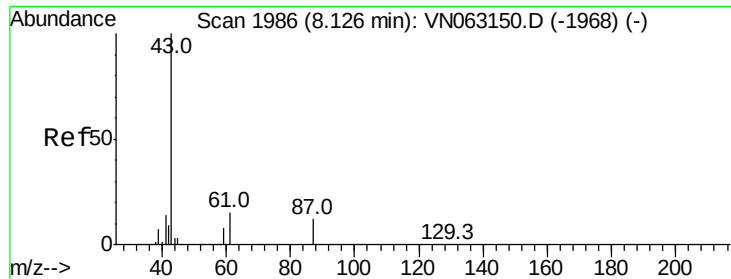
Tot Ion: 43 Resp: 277
Ion Ratio Lower Upper
43 100
61 11.2 10.2 15.4
70 0.0 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 6.062 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN063192.D
Acq: 2 Sep 2020 13:53

Tgt Ion: 117 Resp: 38215
Ion Ratio Lower Upper
117 100
119 4.9 77.2 115.8#
121 0.0 25.6 38.4#





#43

Isopropyl Acetate

Concen: 12.758 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063192.D

Acq: 2 Sep 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

PB131350ZHE#01

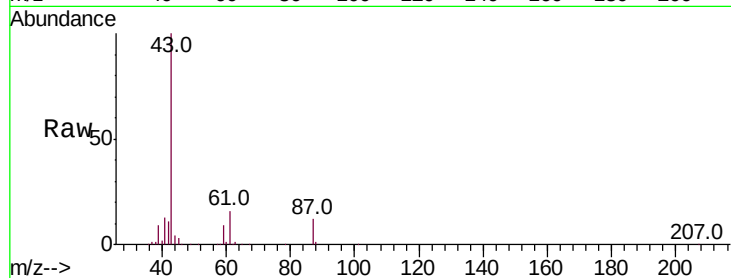
Tot Ion: 43 Resp: 129337

Ion Ratio Lower Upper

43 100

61 17.2 20.2 30.4#

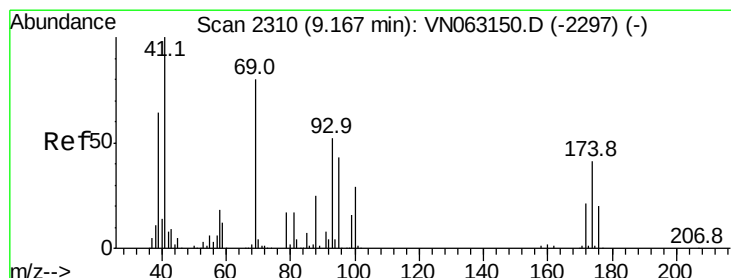
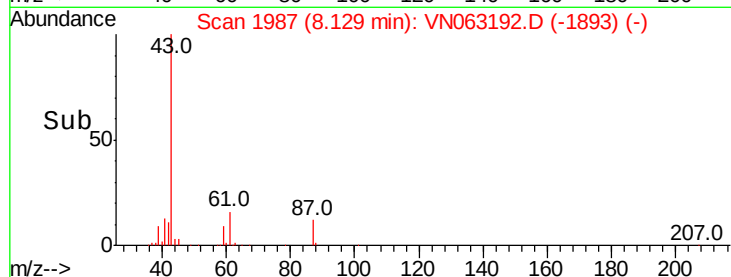
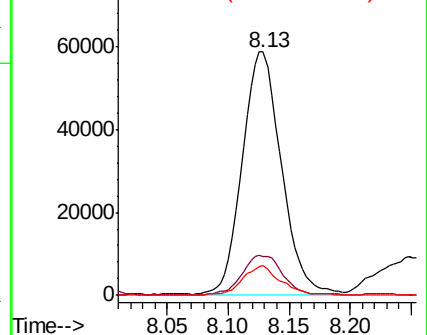
87 12.0 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#48

Methyl methacrylate

Concen: 44.204 ug/l

RT: 9.23 min Scan# 2331

Delta R.T. 0.07 min

Lab File: VN063192.D

Acq: 2 Sep 2020 13:53

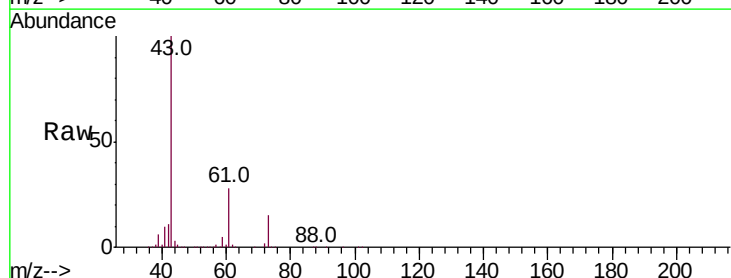
Tgt Ion: 41 Resp: 202017

Ion Ratio Lower Upper

41 100

69 0.2 65.9 98.9#

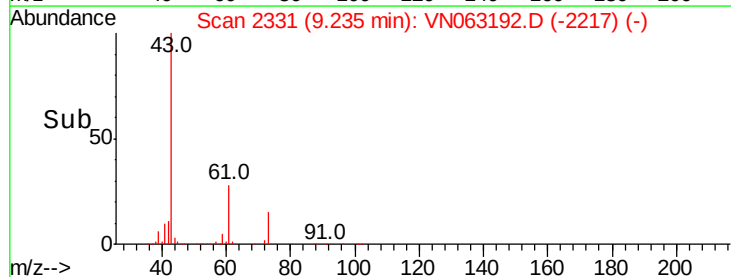
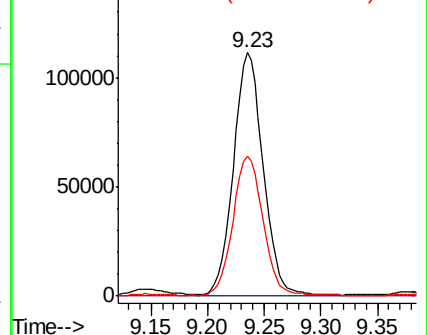
39 58.0 52.0 78.0

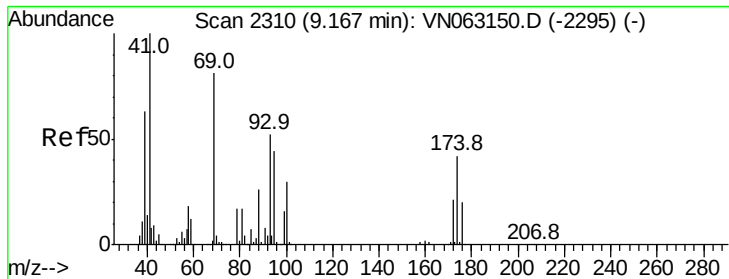


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

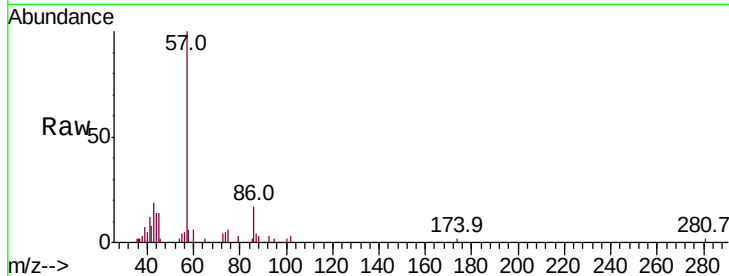




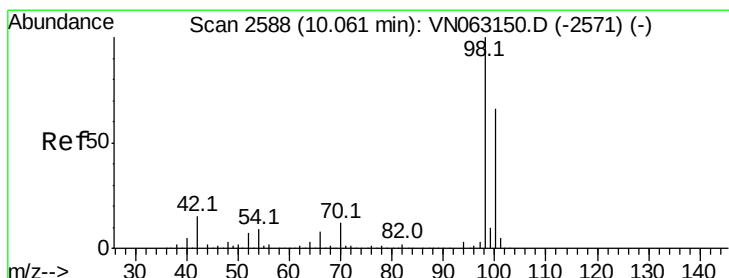
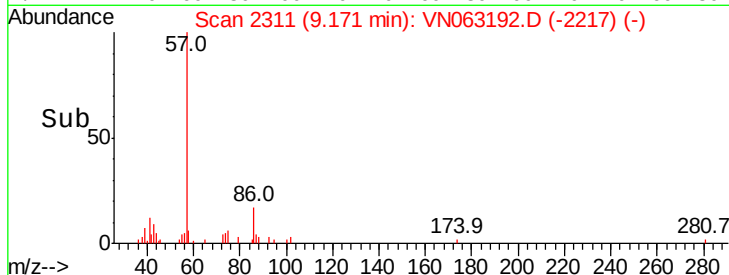
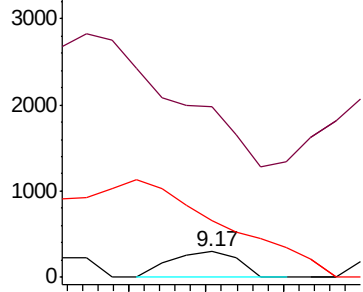
#49
1,4-Dioxane
Concen: 2.575 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN063192.D
Acq: 2 Sep 2020 13:53

Instrument :
MSVOA_N
ClientSampleId :
PB131350ZHE#01

Tot Ion: 88 Resp: 182
Ion Ratio Lower Upper
88 100
43 0.0 28.6 42.8#
58 0.0 53.2 79.8#

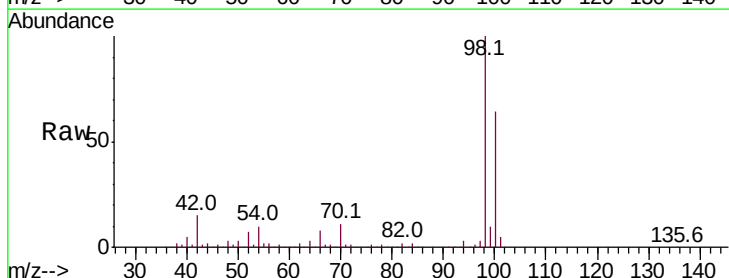


Abundance Ion 88.00 (87.70 to 88.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO

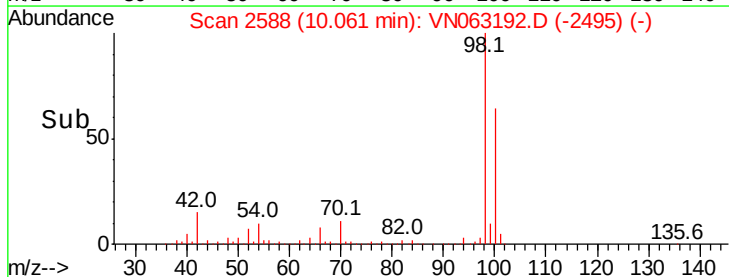
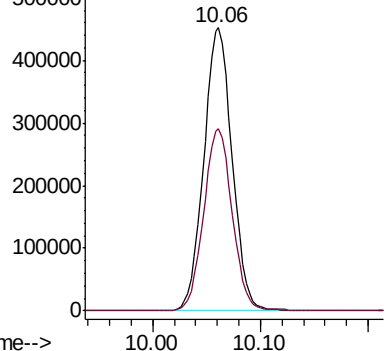


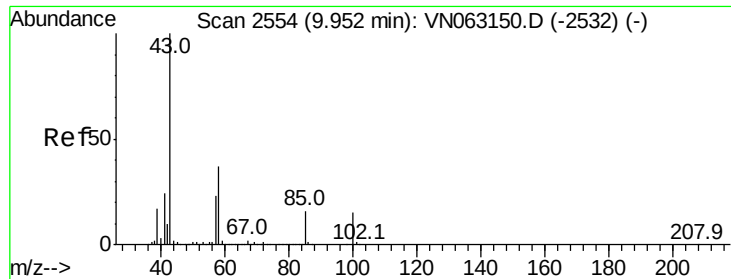
#50
Toluene-d8
Concen: 51.890 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063192.D
Acq: 2 Sep 2020 13:53

Tgt Ion: 98 Resp: 828538
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



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





#51

4-Methyl-2-Pentanone

Concen: 3.156 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063192.D

Acq: 2 Sep 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

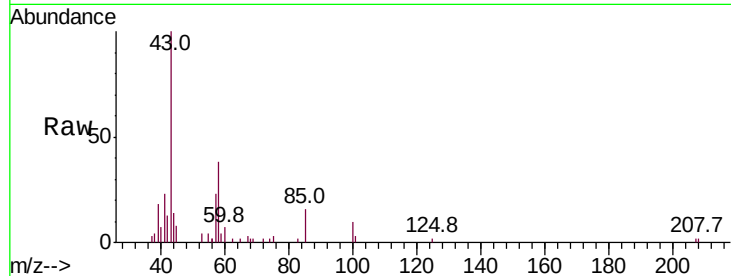
PB131350ZHE#01

Tot Ion: 43 Resp: 17385

Ion Ratio Lower Upper

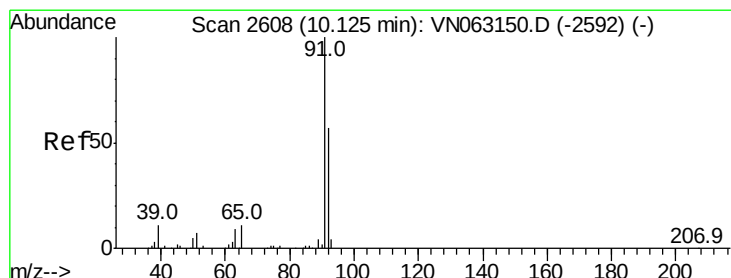
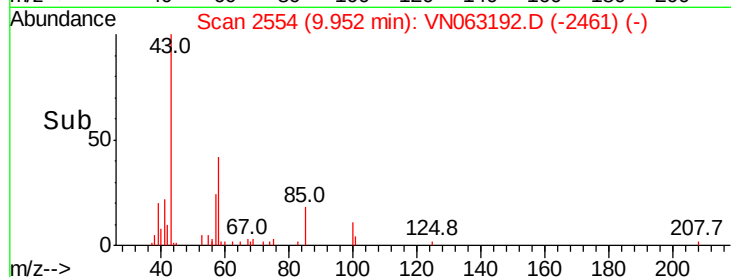
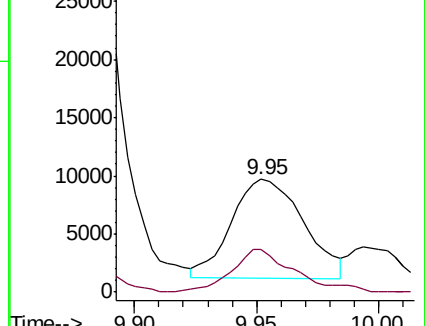
43 100

58 38.0 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: 0.229 ug/l

RT: 10.13 min Scan# 2609

Delta R.T. 0.00 min

Lab File: VN063192.D

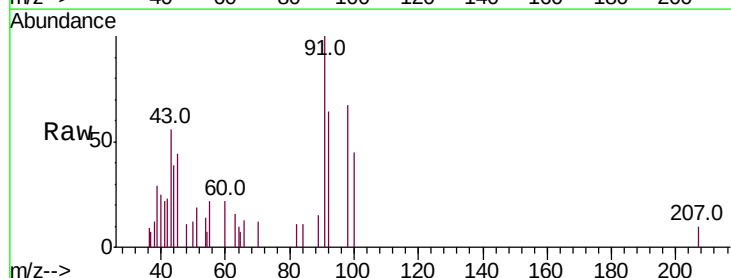
Acq: 2 Sep 2020 13:53

Tgt Ion: 92 Resp: 2606

Ion Ratio Lower Upper

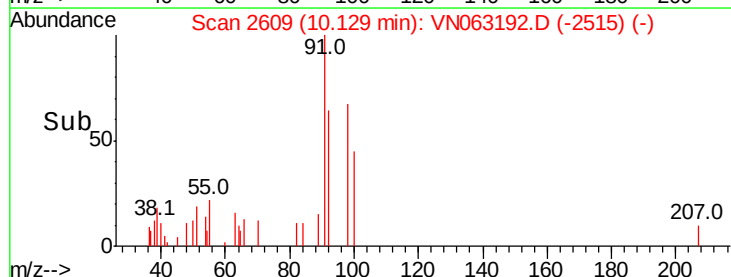
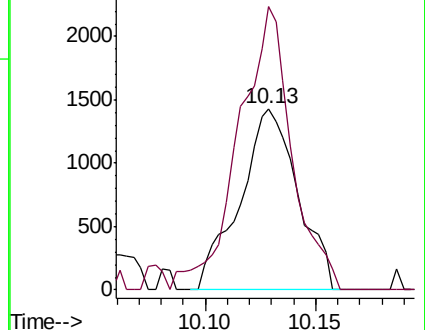
92 100

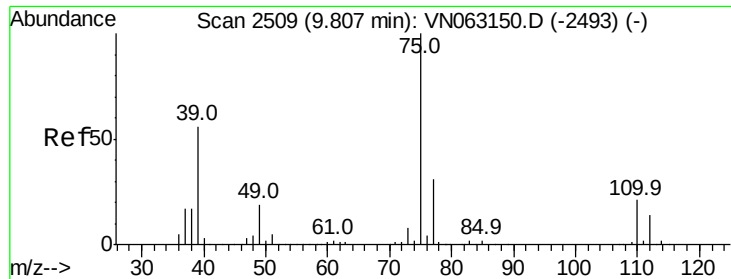
91 143.7 141.2 211.8



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: 7.110 ug/l

RT: 9.87 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN063192.D

Acq: 2 Sep 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

PB131350ZHE#01

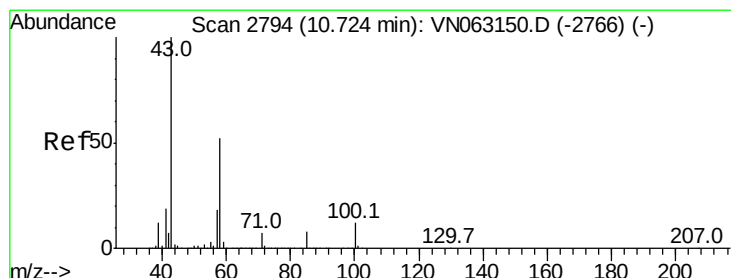
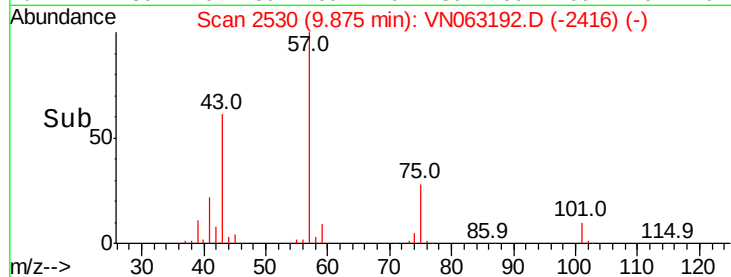
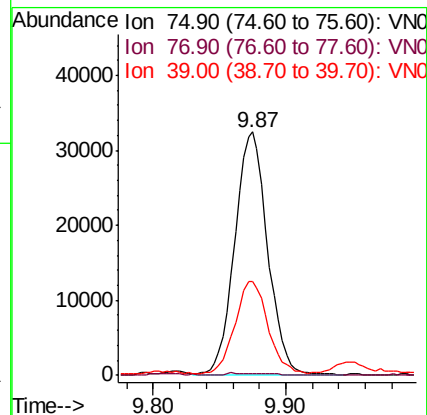
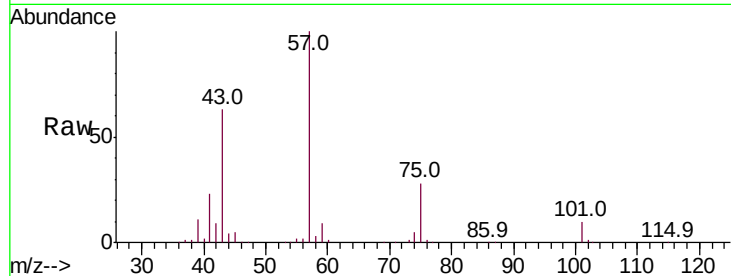
Tot Ion: 75 Resp: 56087

Ion Ratio Lower Upper

75 100

77 0.6 24.8 37.2#

39 37.5 45.0 67.6#



#59

2-Hexanone

Concen: 34.262 ug/l

RT: 10.74 min Scan# 2798

Delta R.T. 0.01 min

Lab File: VN063192.D

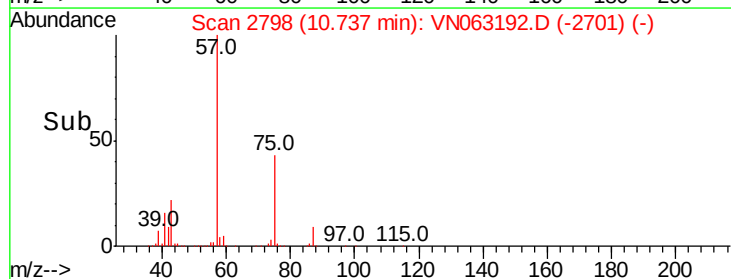
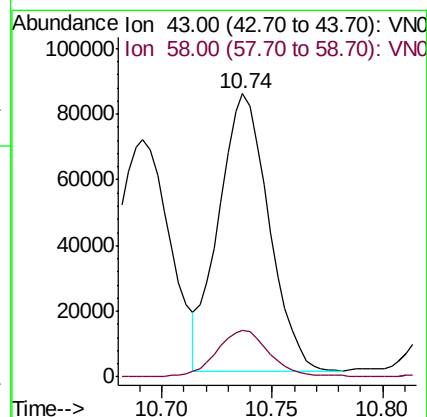
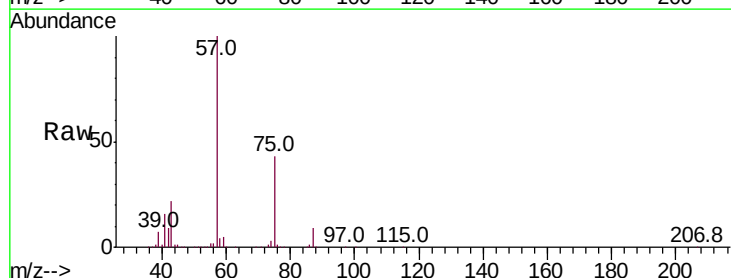
Acq: 2 Sep 2020 13:53

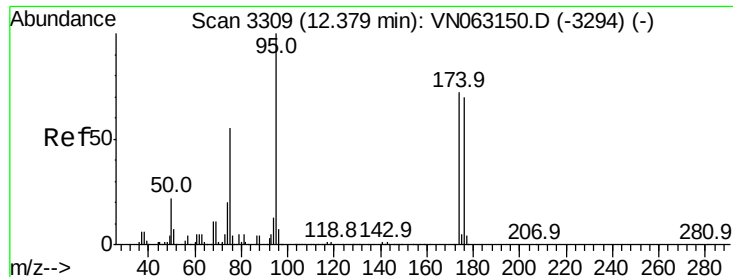
Tgt Ion: 43 Resp: 132649

Ion Ratio Lower Upper

43 100

58 18.0 25.9 77.8#





#62

4-Bromofluorobenzene

Concen: 52.723 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063192.D

Acq: 2 Sep 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

PB131350ZHE#01

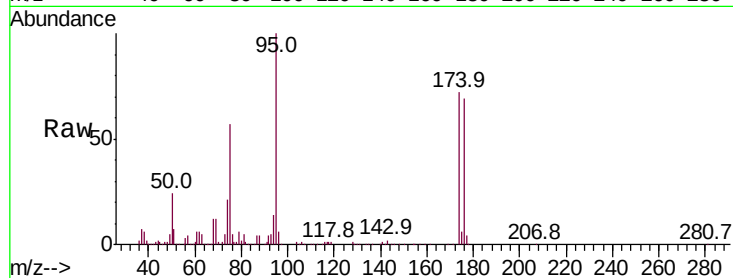
Tot Ion: 95 Resp: 294479

Ion Ratio Lower Upper

95 100

174 74.0 0.0 143.8

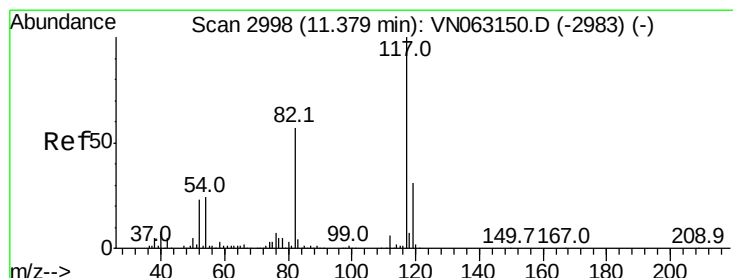
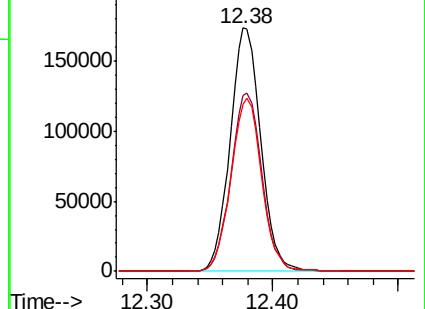
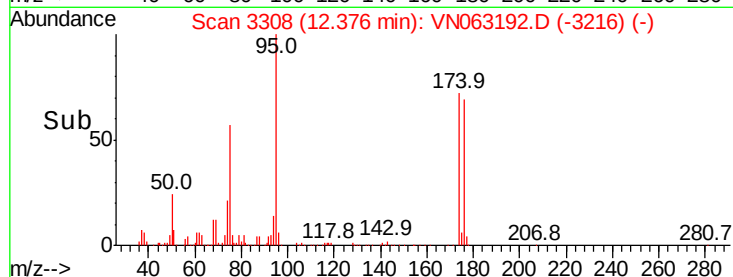
176 71.6 0.0 138.4



Abundance Ion 94.90 (94.60 to 95.60): VN063150.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN063150.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN063150.D (-3294) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063192.D

Acq: 2 Sep 2020 13:53

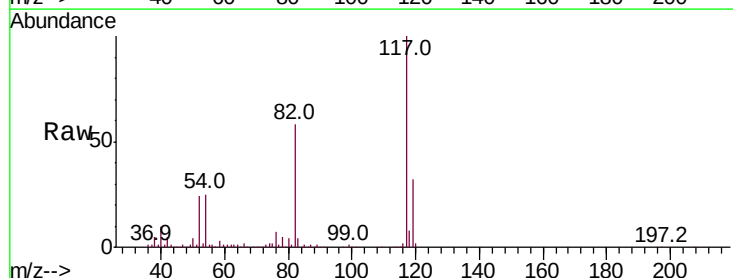
Tgt Ion: 117 Resp: 640210

Ion Ratio Lower Upper

117 100

82 57.8 45.4 68.0

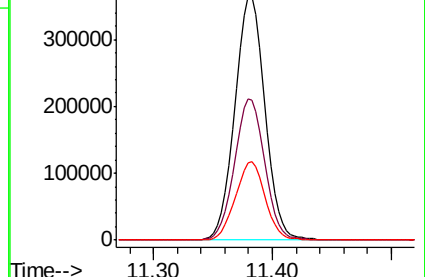
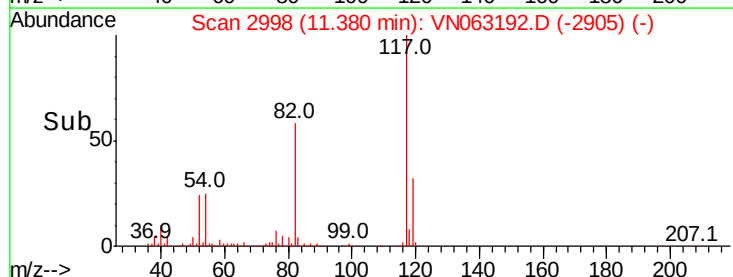
119 31.6 24.6 37.0

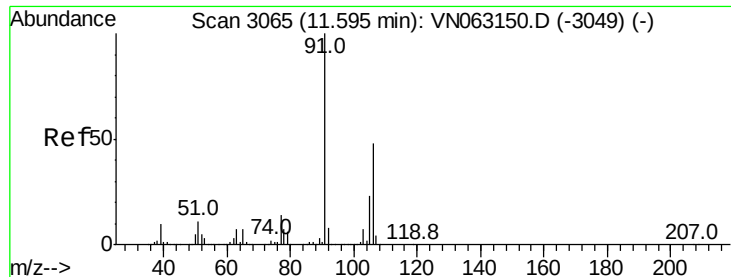


Abundance Ion 116.90 (116.60 to 117.60): VN063150.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063150.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063150.D (-2983) (-)





#68

m/p-Xvlenes

Concen: 0.277 ug/l

RT: 11.60 min Scan# 3066

Delta R.T. 0.00 min

Lab File: VN063192.D

Acq: 2 Sep 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

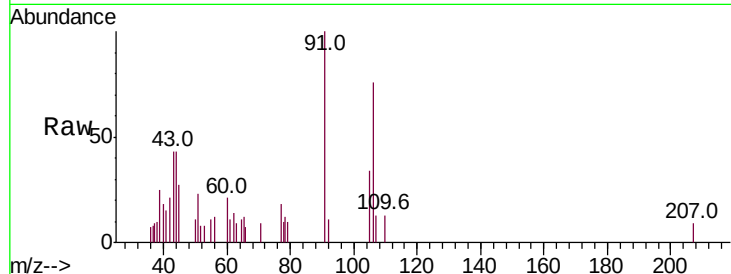
PB131350ZHE#01

Tot Ion:106 Resp: 2412

Ion Ratio Lower Upper

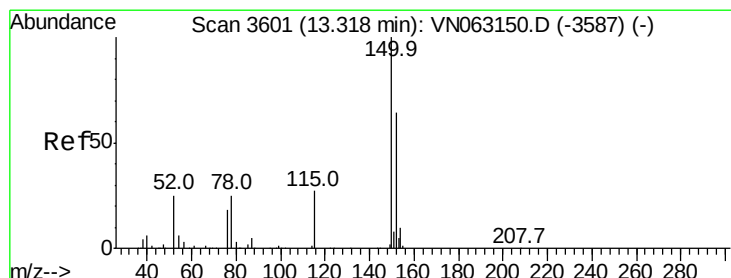
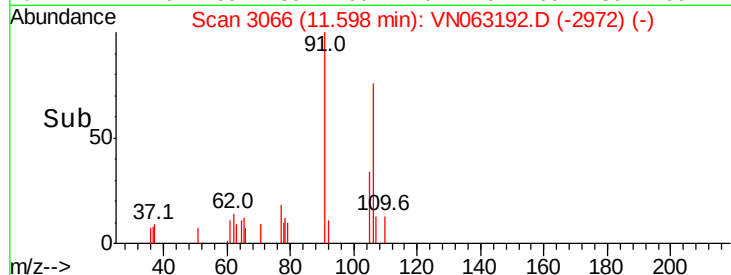
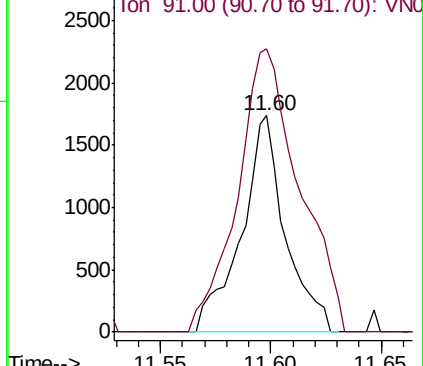
106 100

91 183.8 166.7 250.1



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: VN063192.D

Acq: 2 Sep 2020 13:53

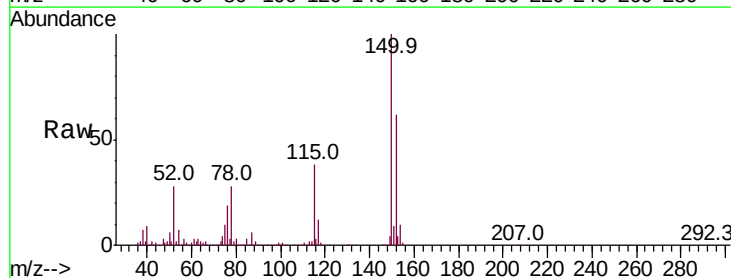
Tgt Ion:152 Resp: 254805

Ion Ratio Lower Upper

152 100

115 61.6 32.0 96.2

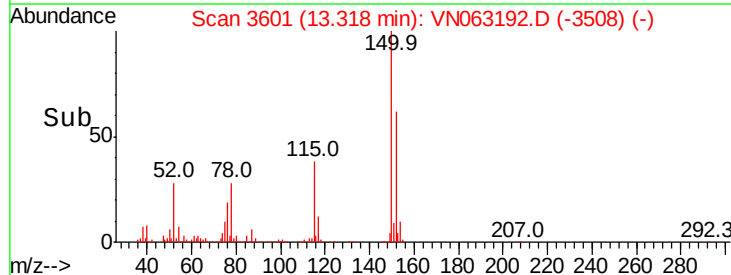
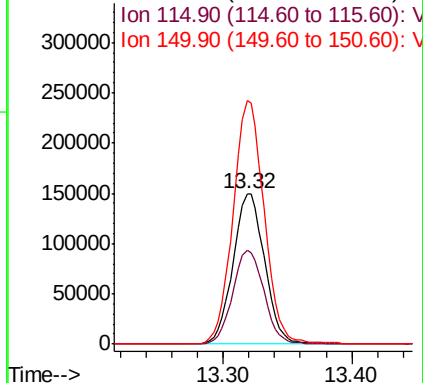
150 159.0 0.0 353.0

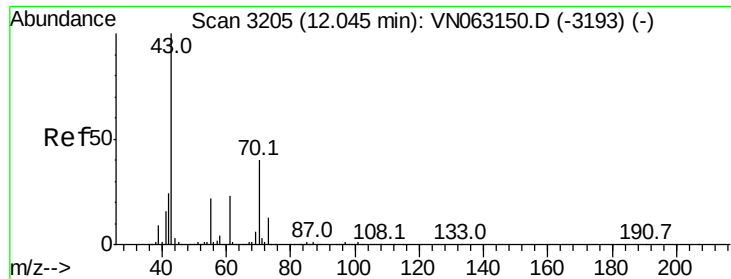


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

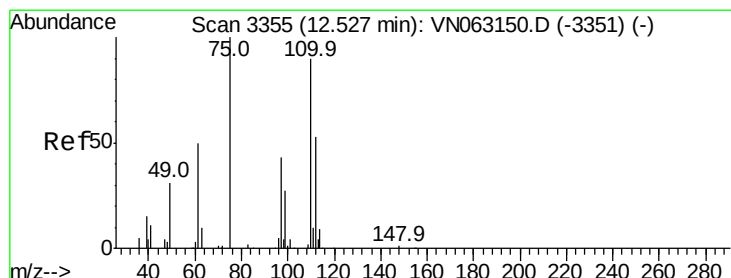
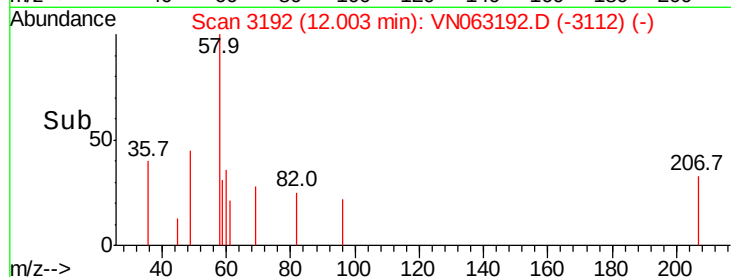
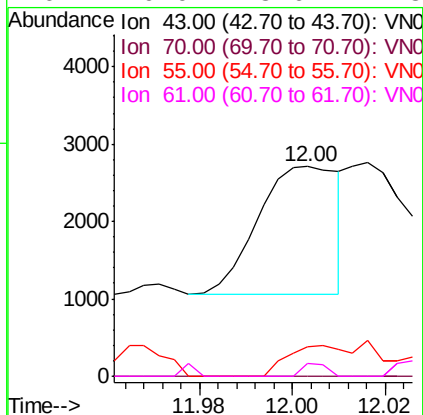
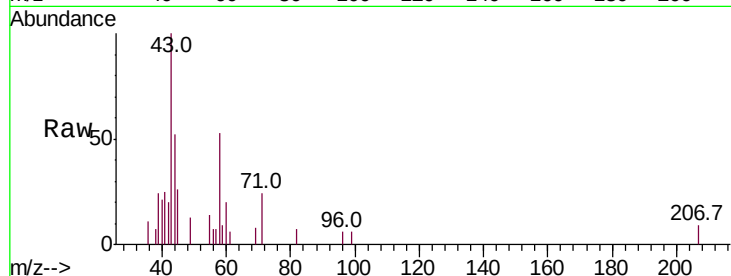




#74
N-amyl acetate
Concen: 0.245 ug/l
RT: 12.00 min Scan# 3192
Delta R.T. -0.04 min
Lab File: VN063192.D
Acq: 2 Sep 2020 13:53

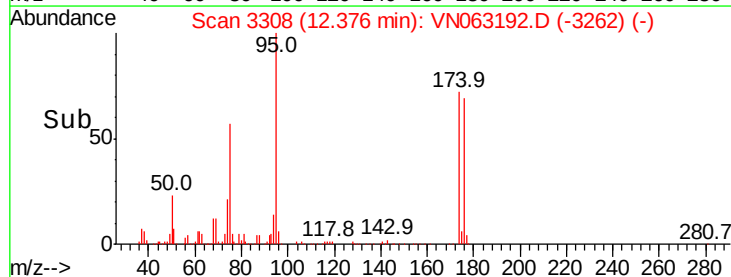
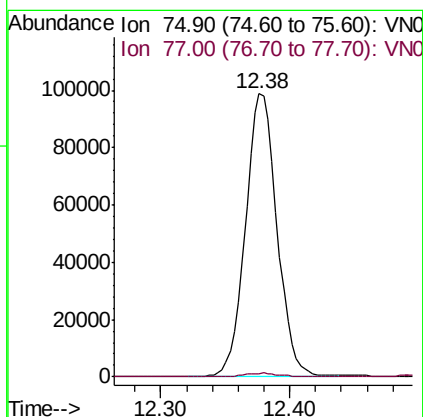
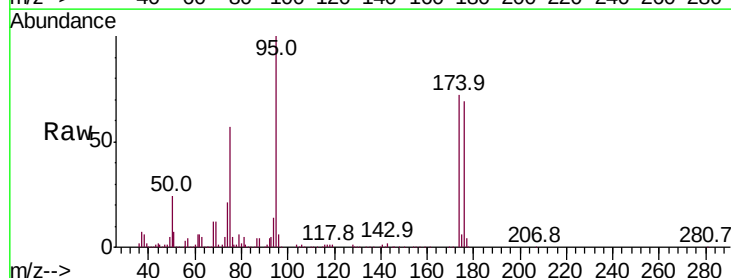
Instrument :
MSVOA_N
ClientSampleId :
PB131350ZHE#01

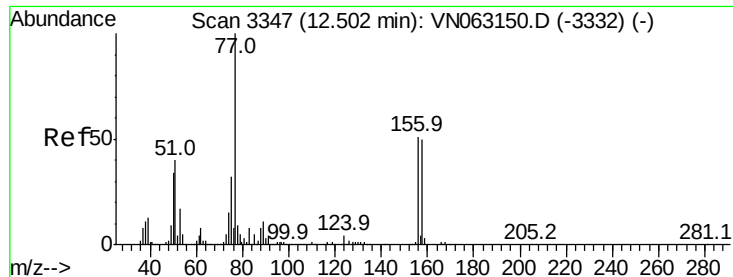
Tot Ion: 43 Resp: 1981
Ion Ratio Lower Upper
43 100
70 0.0 32.1 48.1#
55 27.2 17.4 26.0#
61 0.0 18.6 27.8#



#76
1,2,3-Trichloropropane
Concen: 33.657 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN063192.D
Acq: 2 Sep 2020 13:53

Tgt Ion: 75 Resp: 168502
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#77

Bromobenzene

Concen: 0.217 ug/l

RT: 12.50 min Scan# 3348

Delta R.T. 0.00 min

Lab File: VN063192.D

Acq: 2 Sep 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

PB131350ZHE#01

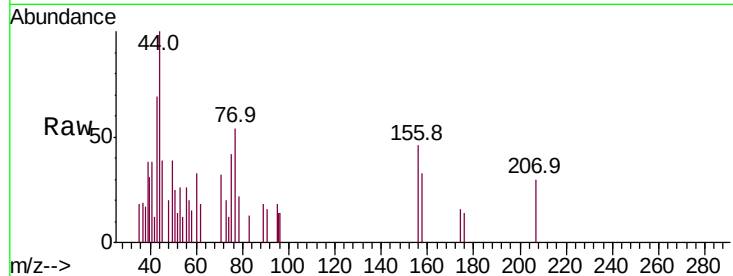
Tot Ion:156 Resp: 961

Ion Ratio Lower Upper

156 100

77 68.6 116.1 348.3#

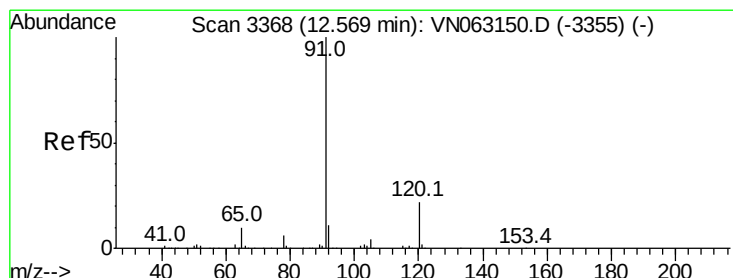
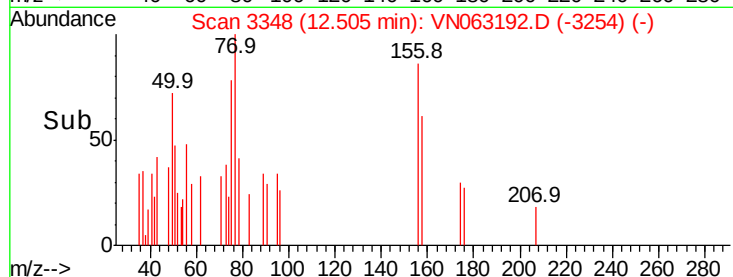
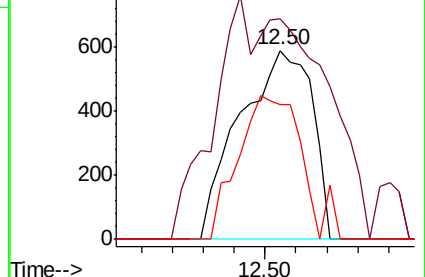
158 66.8 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.225 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063192.D

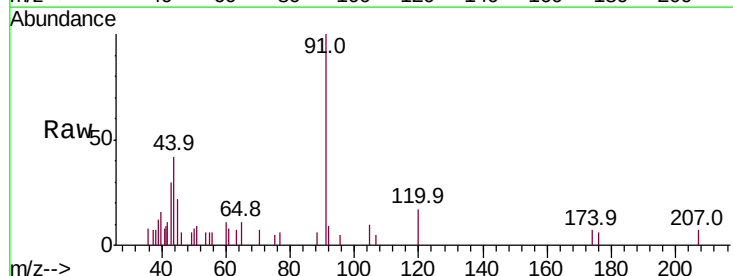
Acq: 2 Sep 2020 13:53

Tgt Ion: 91 Resp: 5086

Ion Ratio Lower Upper

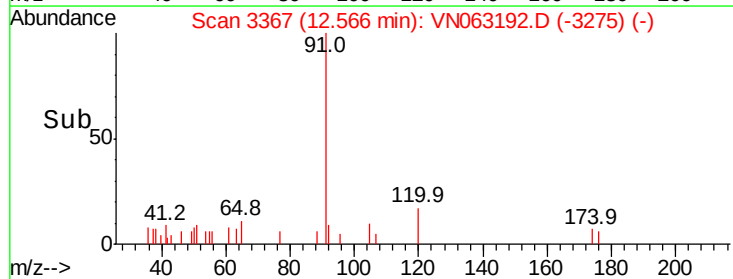
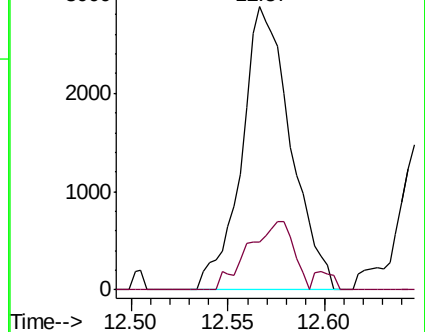
91 100

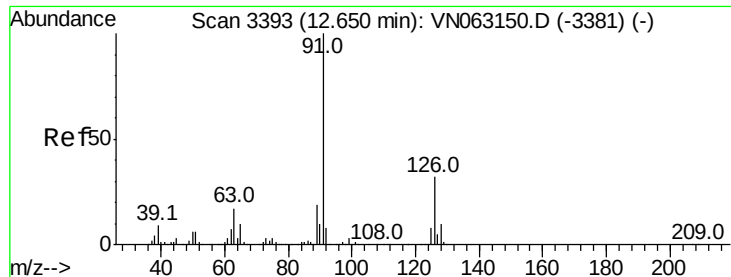
120 22.3 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

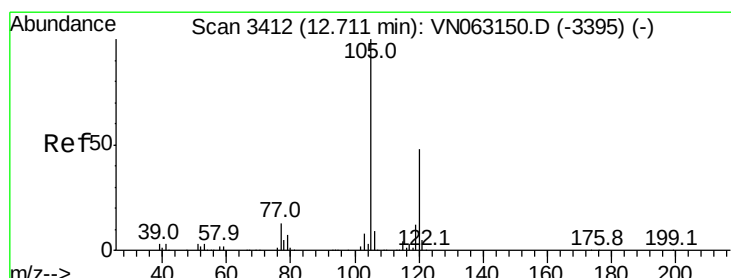
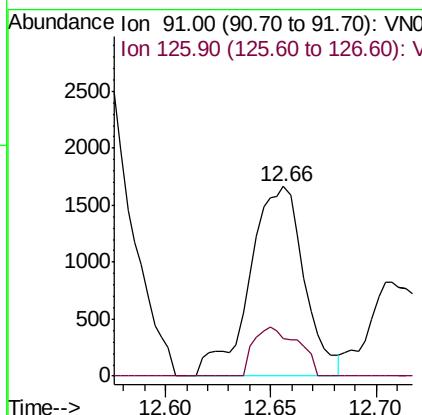
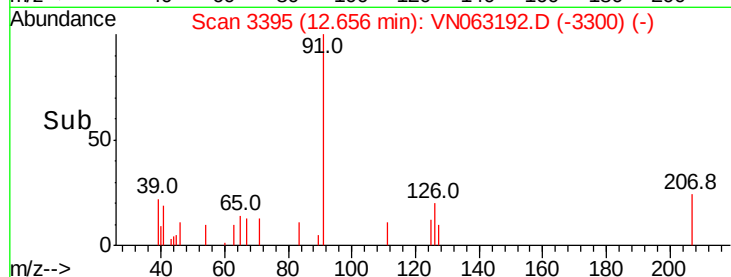
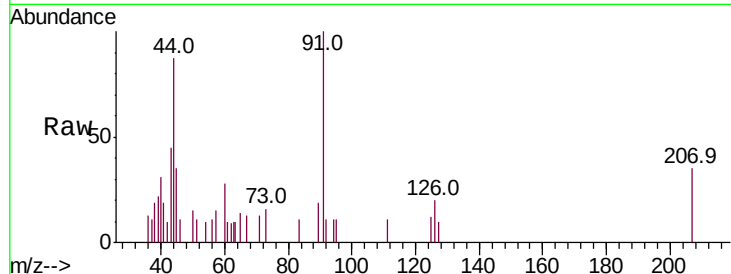




#79
 2-Chlorotoluene
 Concen: 0.221 ug/l
 RT: 12.66 min Scan# 3395
 Delta R.T. 0.01 min
 Lab File: VN063192.D
 Acq: 2 Sep 2020 13:53

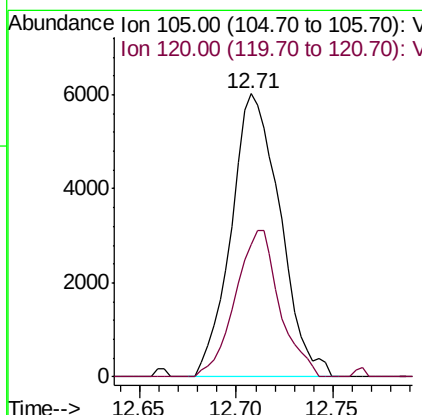
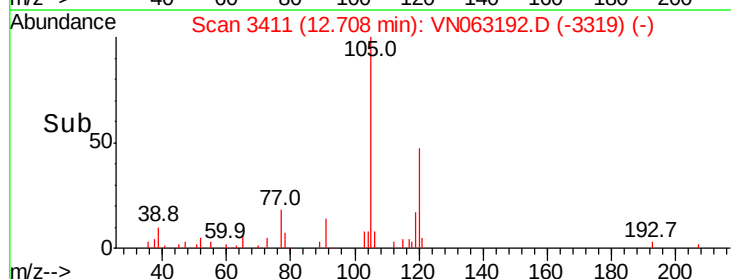
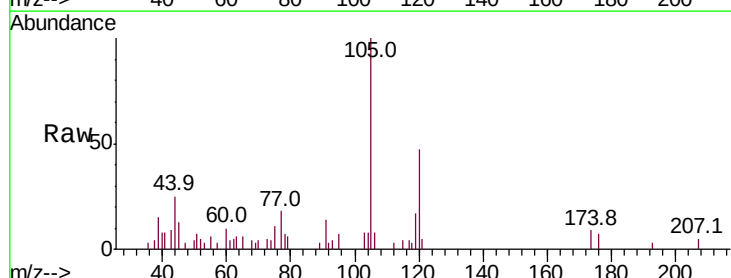
Instrument :
 MSVOA_N
 ClientSampleId :
 PB131350ZHE#01

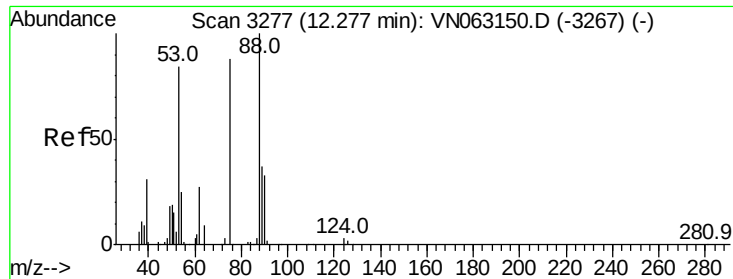
Tot Ion: 91 Resp: 2988
 Ion Ratio Lower Upper
 91 100
 126 21.0 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 0.650 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063192.D
 Acq: 2 Sep 2020 13:53

Tgt Ion: 105 Resp: 10572
 Ion Ratio Lower Upper
 105 100
 120 47.0 24.2 72.6

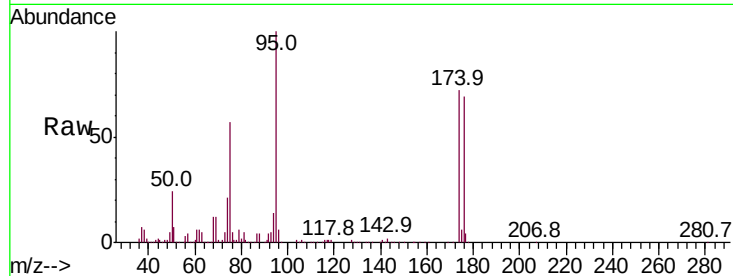




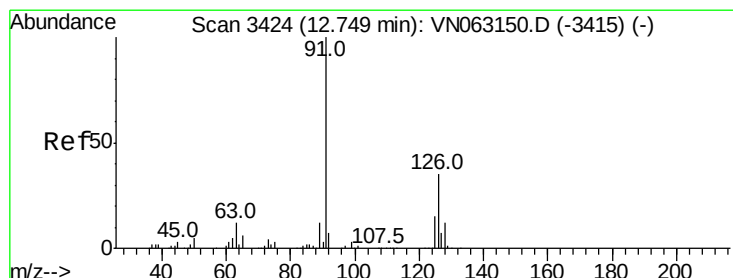
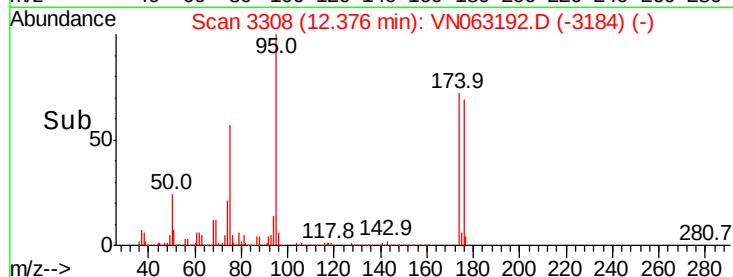
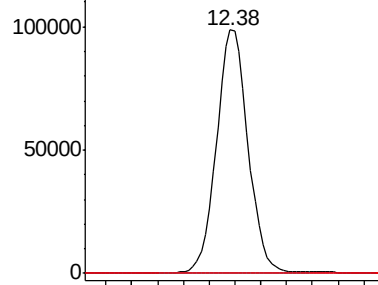
#81
trans-1,4-Dichloro-2-butene
Concen: 81.349 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN063192.D
Acq: 2 Sep 2020 13:53

Instrument :
MSVOA_N
ClientSampleId :
PB131350ZHE#01

Tot Ion: 75 Resp: 168502
Ion Ratio Lower Upper
75 100
53 0.1 78.7 118.1#
89 0.0 35.3 52.9#

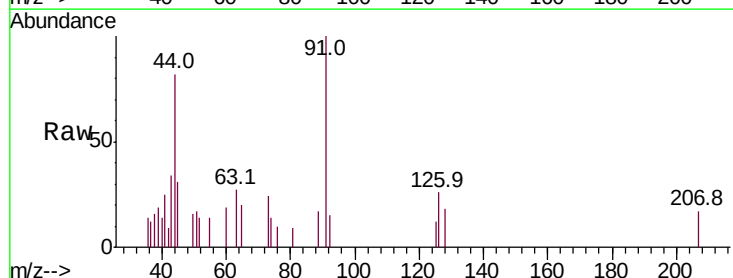


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

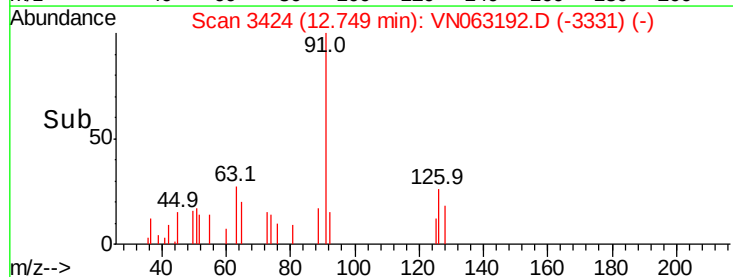
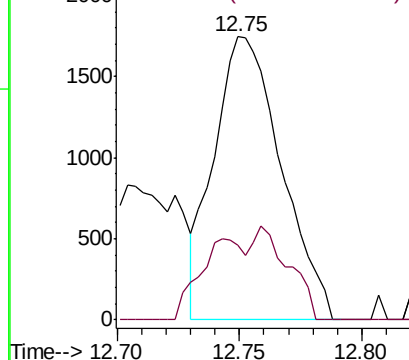


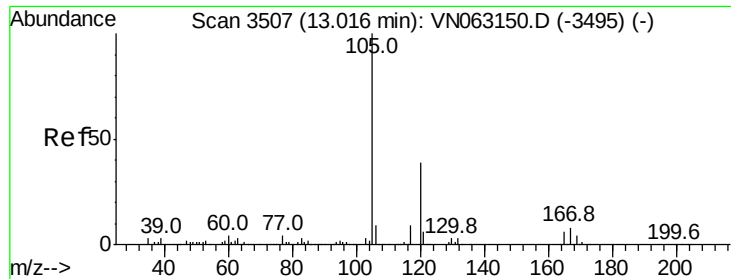
#82
4-Chlorotoluene
Concen: 0.239 ug/l
RT: 12.75 min Scan# 3424
Delta R.T. 0.00 min
Lab File: VN063192.D
Acq: 2 Sep 2020 13:53

Tgt Ion: 91 Resp: 3354
Ion Ratio Lower Upper
91 100
126 19.1 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 125.90 (125.60 to 126.60): V

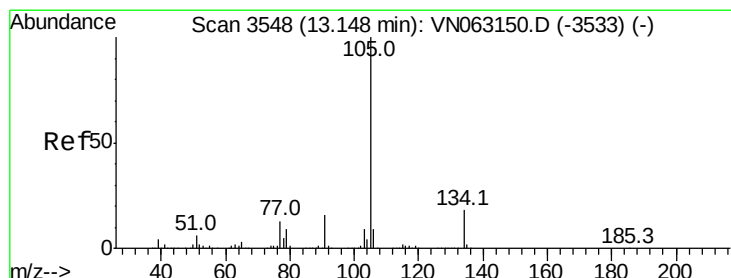
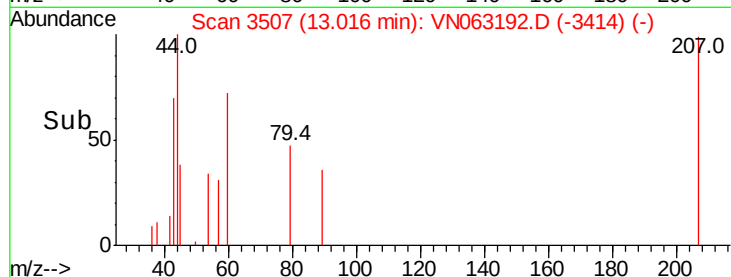
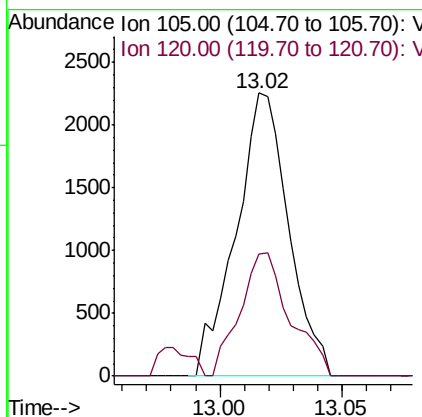
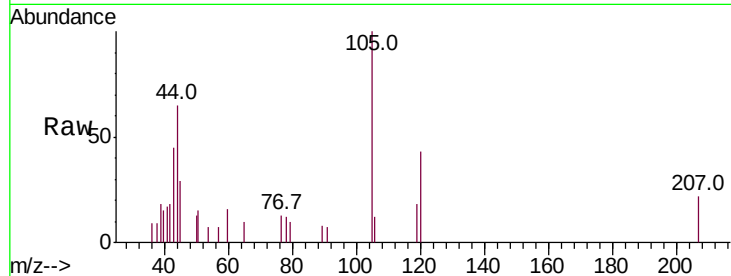




#84
 1,2,4-Trimethylbenzene
 Concen: 0.206 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063192.D
 Acq: 2 Sep 2020 13:53

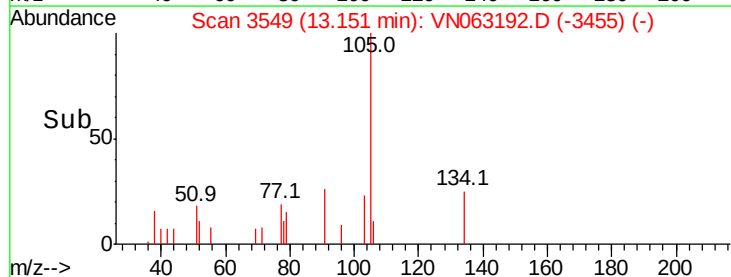
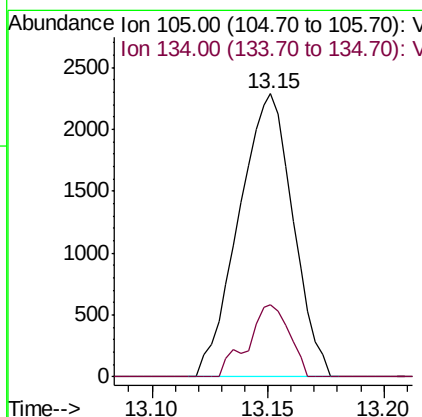
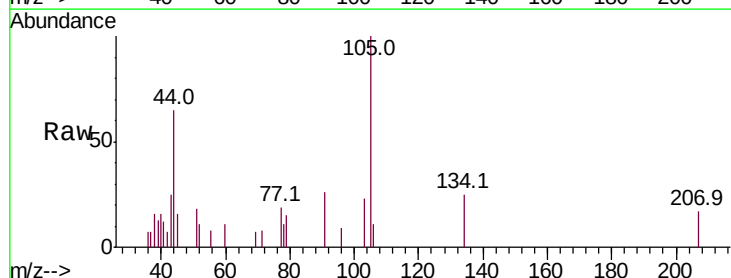
Instrument :
 MSVOA_N
 ClientSampleId :
 PB131350ZHE#01

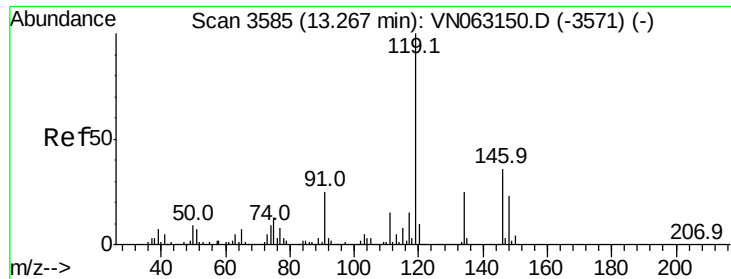
Tot Ion:105 Resp: 3378
 Ion Ratio Lower Upper
 105 100
 120 41.3 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 0.204 ug/l
 RT: 13.15 min Scan# 3549
 Delta R.T. 0.00 min
 Lab File: VN063192.D
 Acq: 2 Sep 2020 13:53

Tgt Ion:105 Resp: 3714
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.4 28.3

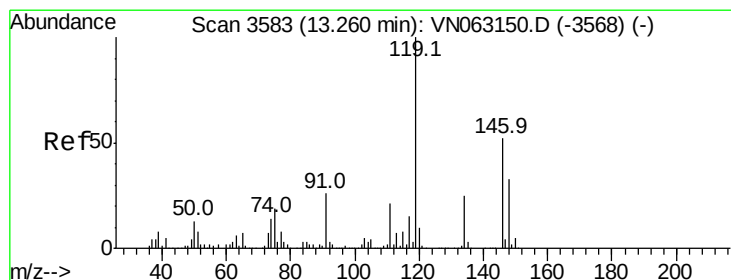
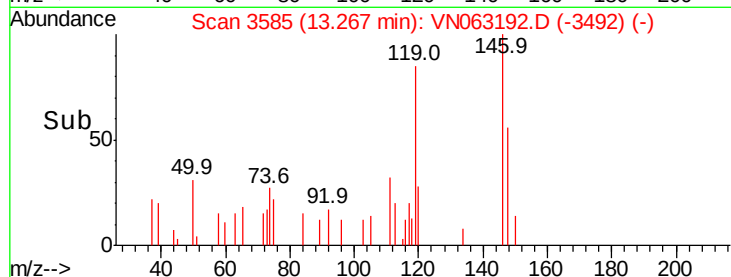
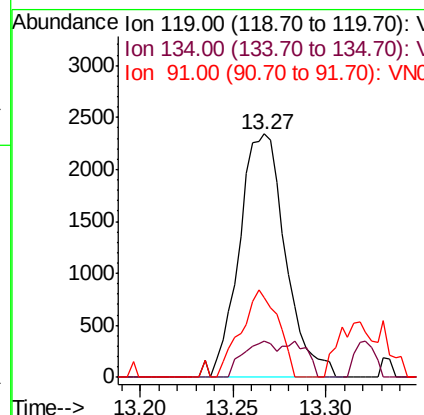
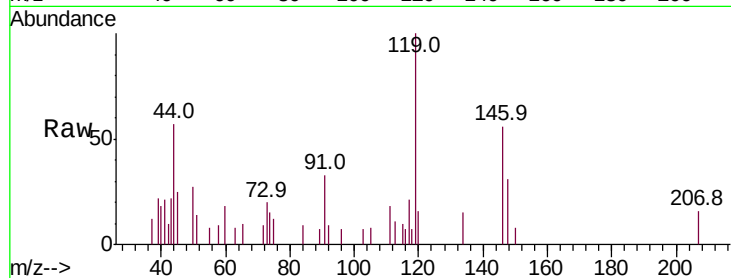




#86
 p-Isopropyltoluene
 Concen: 0.252 ug/l
 RT: 13.27 min Scan# 3585
 Delta R.T. 0.00 min
 Lab File: VN063192.D
 Acq: 2 Sep 2020 13:53

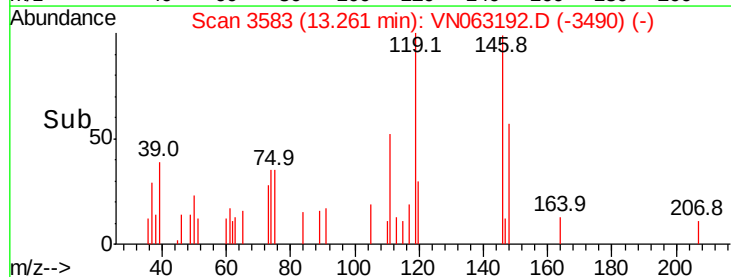
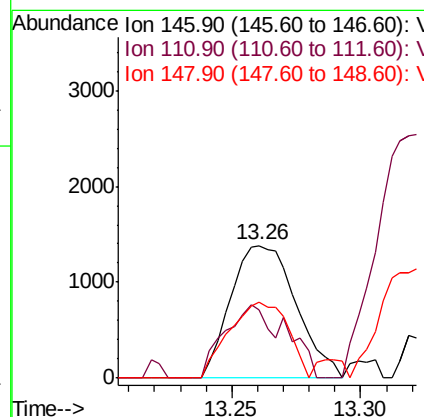
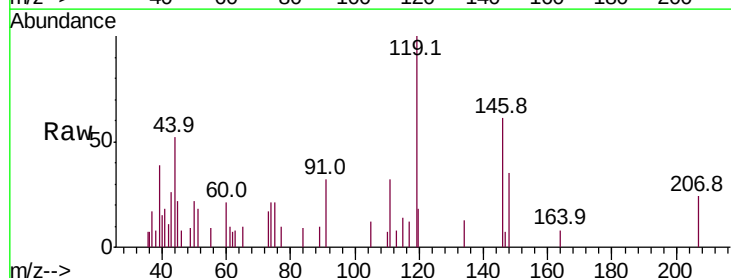
Instrument :
 MSVOA_N
 ClientSampleId :
 PB131350ZHE#01

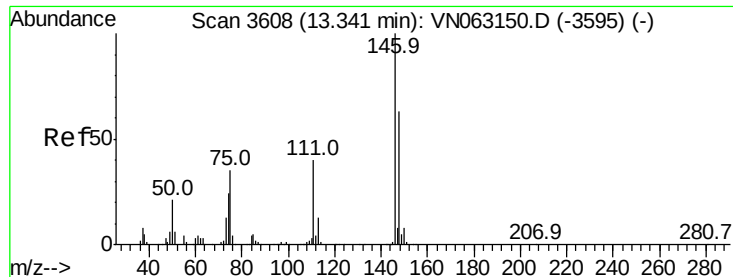
Tot Ion:119 Resp: 4060
 Ion Ratio Lower Upper
 119 100
 134 10.4 12.4 37.4#
 91 29.0 12.2 36.6



#87
 1,3-Dichlorobenzene
 Concen: 0.301 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN063192.D
 Acq: 2 Sep 2020 13:53

Tgt Ion:146 Resp: 2444
 Ion Ratio Lower Upper
 146 100
 111 38.1 21.3 63.7
 148 51.3 31.9 95.9





#88

1,4-Dichlorobenzene

Concen: 0.291 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.08 min

Lab File: VN063192.D

Acq: 2 Sep 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

PB131350ZHE#01

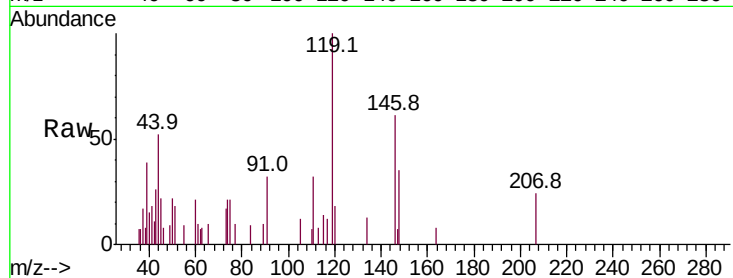
Tot Ion:146 Resp: 2444

Ion Ratio Lower Upper

146 100

111 38.1 20.5 61.5

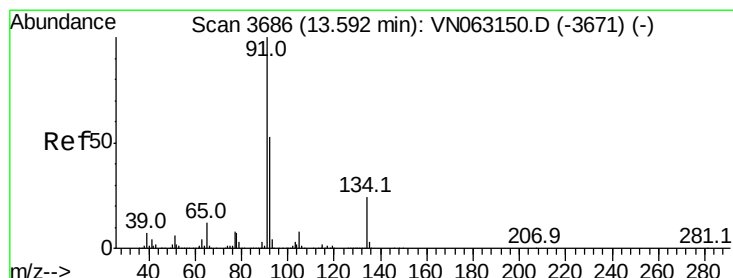
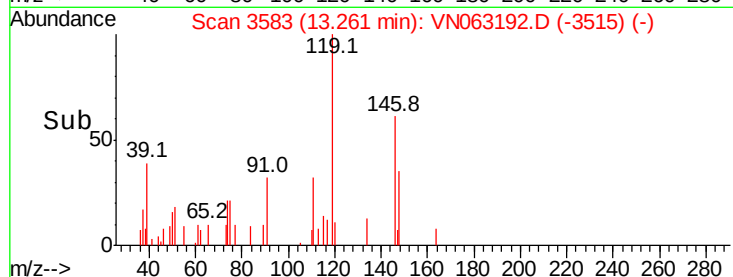
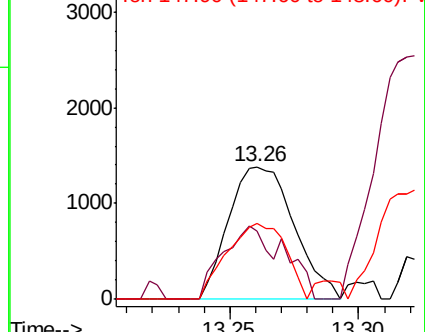
148 51.3 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.284 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063192.D

Acq: 2 Sep 2020 13:53

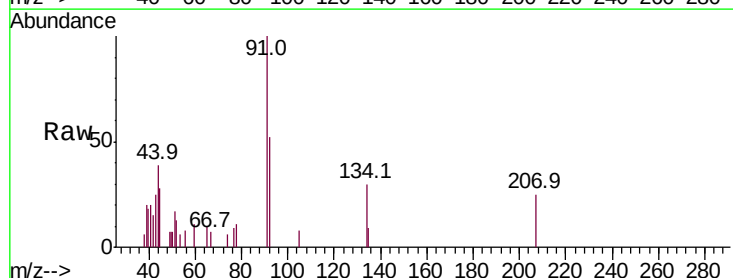
Tgt Ion: 91 Resp: 4228

Ion Ratio Lower Upper

91 100

92 62.3 26.3 78.8

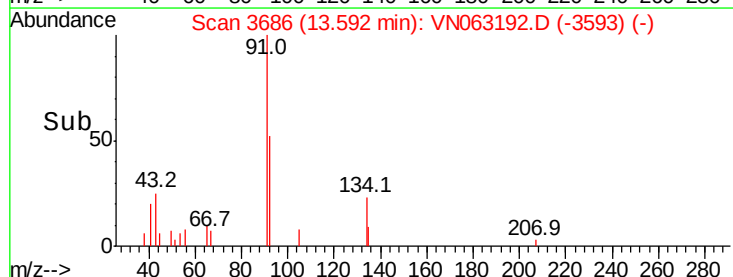
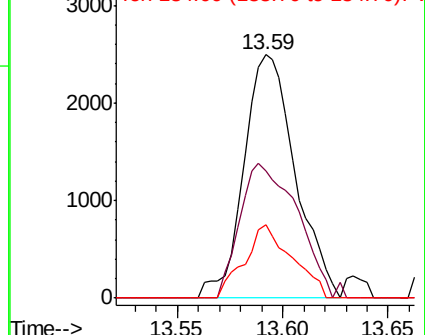
134 27.8 12.0 36.0

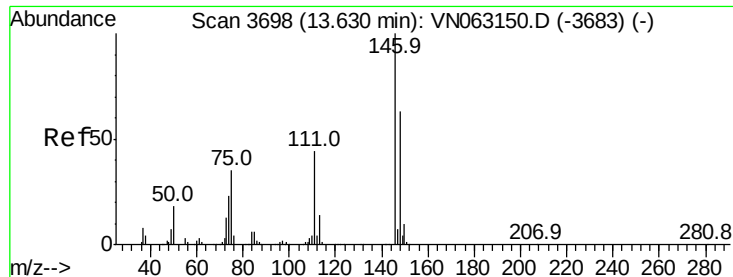


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#91

1,2-Dichlorobenzene

Concen: 0.240 ug/l

RT: 13.63 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VN063192.D

Acq: 2 Sep 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

PB131350ZHE#01

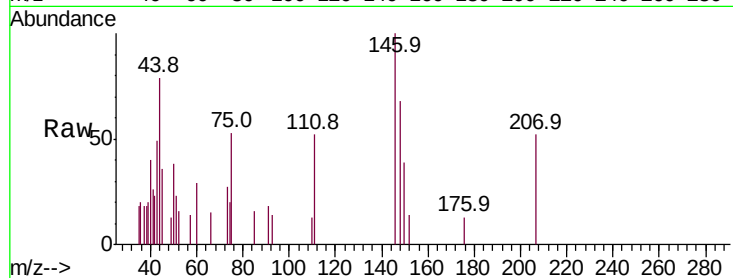
Tot Ion:146 Resp: 1890

Ion Ratio Lower Upper

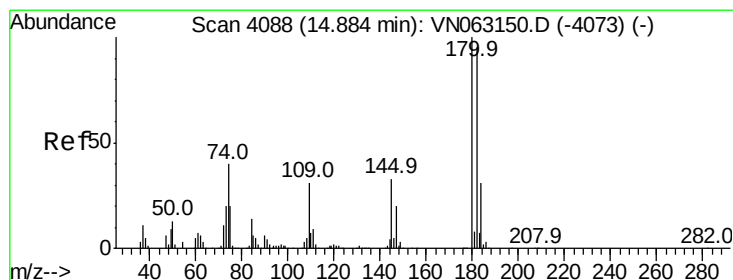
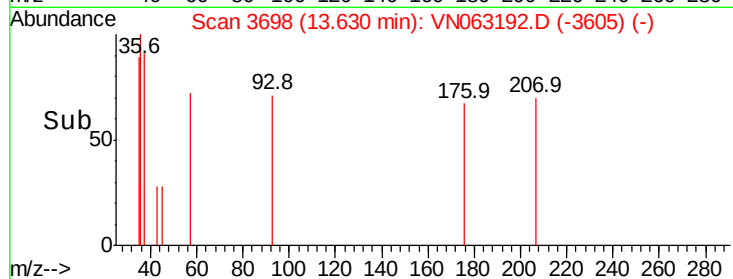
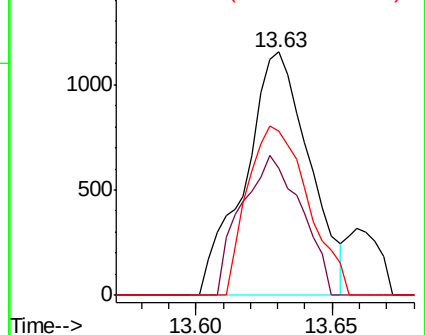
146 100

111 53.8 22.0 66.0

148 65.5 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#93

1,2,4-Trichlorobenzene

Concen: 0.563 ug/l

RT: 14.88 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN063192.D

Acq: 2 Sep 2020 13:53

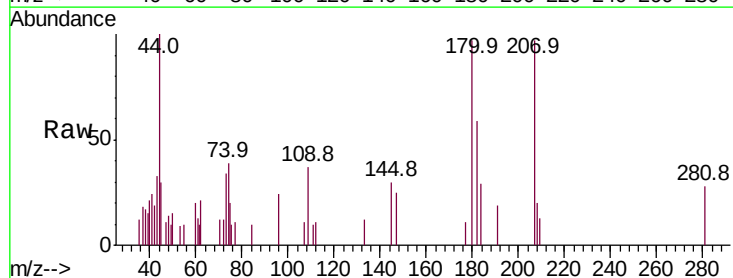
Tgt Ion:180 Resp: 2480

Ion Ratio Lower Upper

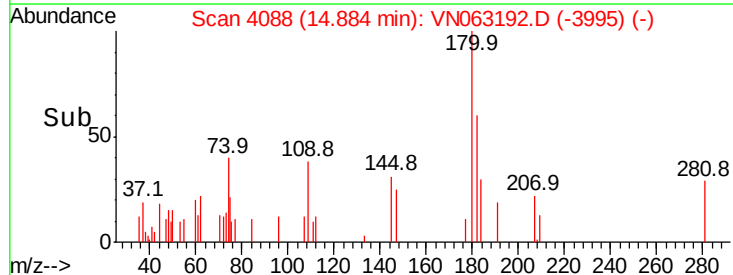
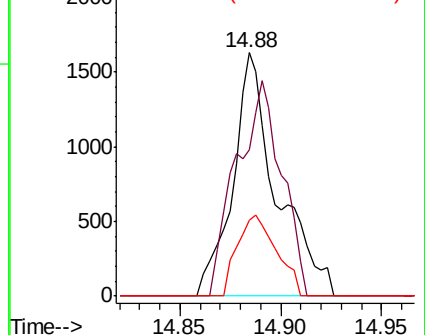
180 100

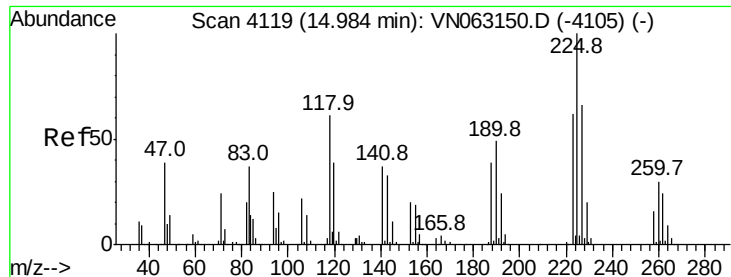
182 91.5 47.5 142.5

145 29.8 16.6 49.8



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





#94

Hexachlorobutadiene

Concen: 0.566 ug/l

RT: 14.99 min Scan# 4121

Delta R.T. 0.01 min

Lab File: VN063192.D

Acq: 2 Sep 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

PB131350ZHE#01

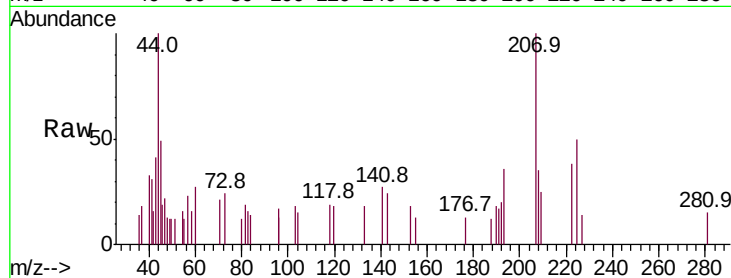
Tot Ion:225 Resp: 930

Ion Ratio Lower Upper

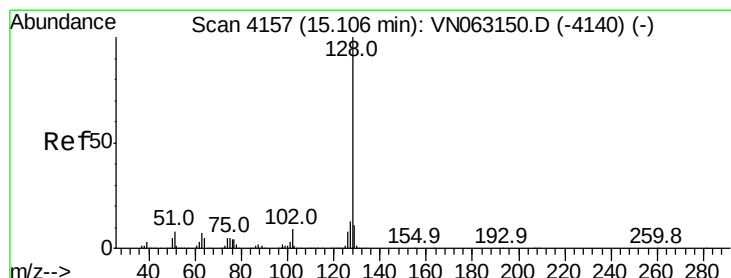
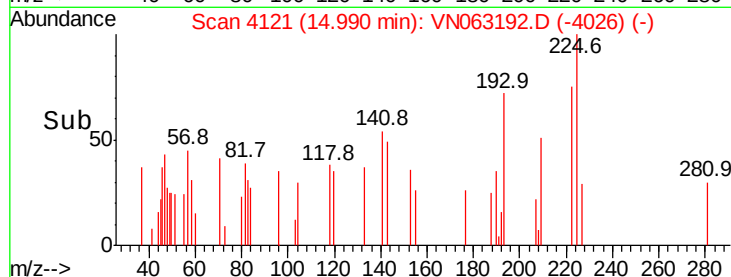
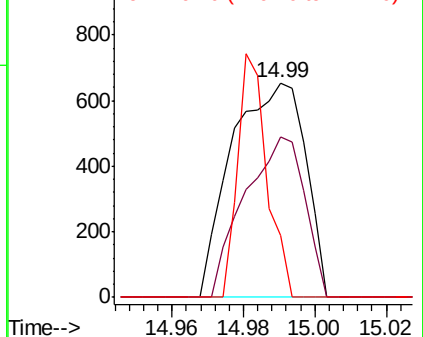
225 100

223 61.3 30.9 92.7

227 44.9 32.9 98.7



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.599 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063192.D

Acq: 2 Sep 2020 13:53

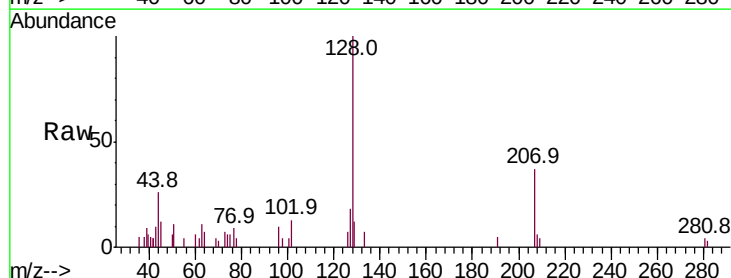
Tgt Ion:128 Resp: 8803

Ion Ratio Lower Upper

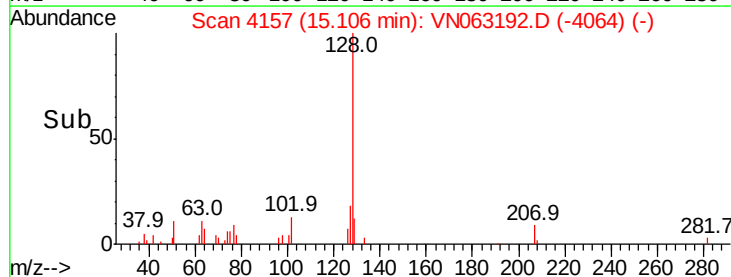
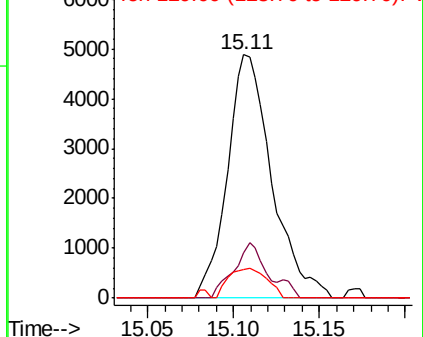
128 100

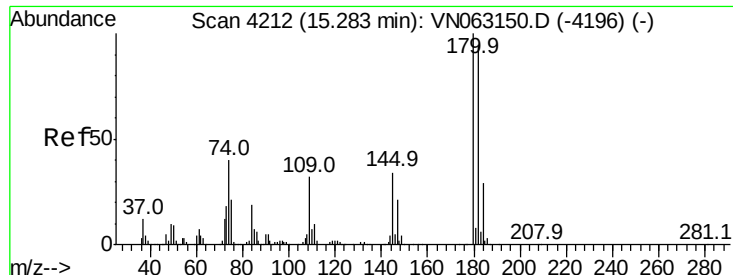
127 17.5 10.5 15.7#

129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.626 ug/l
 RT: 15.29 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN063192.D
 Acq: 2 Sep 2020 13:53

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131350ZHE#01

Tot Ion	Ratio	Lower	Upper
180	100		
182	105.6	47.5	142.5
145	34.4	17.3	52.0

