

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053051.D
 Acq On : 20 Dec 2018 12:47
 Operator : MD\SY
 Sample : J6411-10DL 100X
 Misc : 5.85u/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-3B(17-18FT)1218DL

Quant Time: Dec 21 00:16:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1330887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2023757	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1797652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	775294	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	630140	46.66	ug/l	0.00
Spiked Amount			Recovery	=	93.32%	
35) Dibromofluoromethane	7.59	113	528849	57.21	ug/l	0.00
Spiked Amount			Recovery	=	114.42%	
50) Toluene-d8	10.09	98	2486668	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.40	95	854224	49.03	ug/l	0.00
Spiked Amount			Recovery	=	98.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.63	56	165	0.221	ug/l #	14
16) Acetone	3.83	43	1462	0.552	ug/l #	81
18) Methyl Acetate	4.32	43	2994	1.236	ug/l #	75
31) Cyclohexane	7.66	56	22374	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	87577	4.509	ug/l #	48
38) Carbon Tetrachloride	7.67	117	114061	6.406	ug/l #	16
39) Methylcyclohexane	9.08	83	11401	0.483	ug/l	95
43) Isopropyl Acetate	8.29	43	71155	2.396	ug/l #	53
55) 1,1,2-Trichloroethane	10.53	97	12138	0.972	ug/l #	21
56) Ethyl methacrylate	10.43	69	5193	0.314	ug/l #	24
59) 2-Hexanone	10.72	43	44954	6.327	ug/l #	28
68) m/p-Xylenes	11.62	106	179494	6.890	ug/l	99
73) Isopropylbenzene	12.25	105	255029	4.204	ug/l	100
74) N-amyl acetate	12.04	43	339207	20.141	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.47	83	29876	2.510	ug/l #	25
76) 1,2,3-Trichloropropane	12.40	75	385958	29.572	ug/l #	100
78) n-propylbenzene	12.59	91	707956	10.247	ug/l	100
79) 2-Chlorotoluene	12.69	91	98018	2.289	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.73	105	1131415	22.883	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	385958	95.315	ug/l #	13
82) 4-Chlorotoluene	12.73	91	111937	2.670	ug/l #	47
83) tert-Butylbenzene	12.99	119	50427	1.153	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	3491726	70.250	ug/l	100
85) sec-Butylbenzene	13.17	105	379577	6.418	ug/l #	73
86) p-Isopropyltoluene	13.29	119	355004	6.946	ug/l	100
89) n-Butylbenzene	13.61	91	321352	7.309	ug/l #	81
90) Hexachloroethane	13.89	117	47717	6.084	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.25	75	2075	1.008	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	876	0.658	ug/l #	1
94) Hexachlorobutadiene	15.00	225	112	Below Cal	#	19
95) Naphthalene	15.13	128	6185	1.345	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.31	180	577	0.554	ug/l #	1

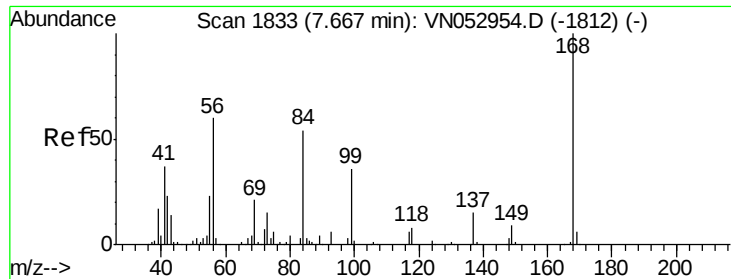
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
Data File : VN053051.D
Acq On : 20 Dec 2018 12:47
Operator : MD\SY
Sample : J6411-10DL 100X
Misc : 5.85g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 28

Instrument :
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Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

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

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053051.D

Acq: 20 Dec 2018 12:47

Instrument :

MSVOA_N

ClientSampleId :

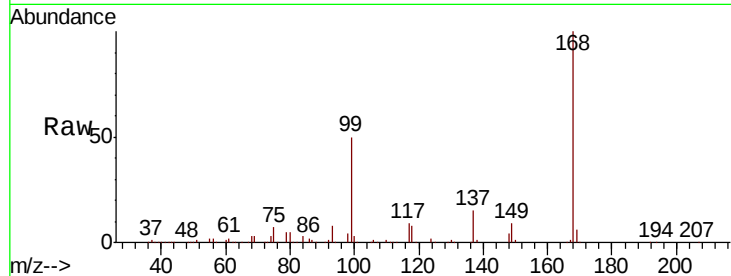
EP1-SBR-3B(17-18FT)1218DL

Tot Ion:168 Resp: 1330887

Ion Ratio Lower Upper

168 100

99 50.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

600000

500000

400000

300000

200000

100000

0

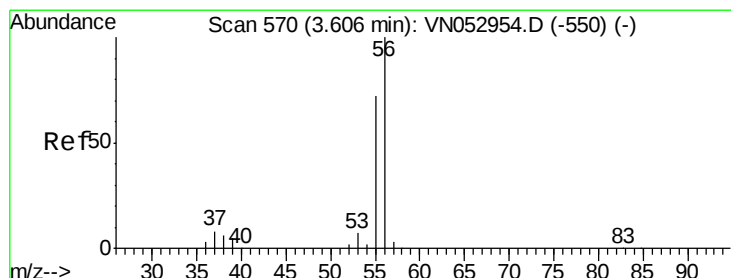
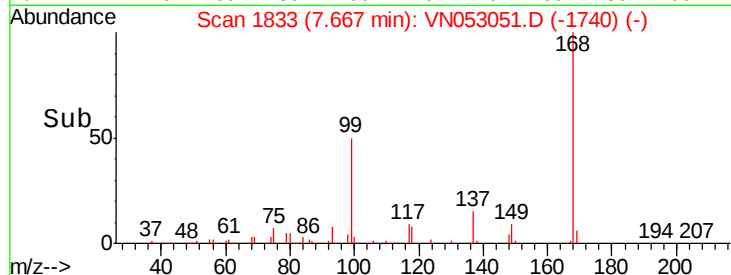
7.67

7.60

7.70

7.80

Time-->



#13

Acrolein

Concen: 0.221 ug/l

RT: 3.63 min Scan# 579

Delta R.T. 0.03 min

Lab File: VN053051.D

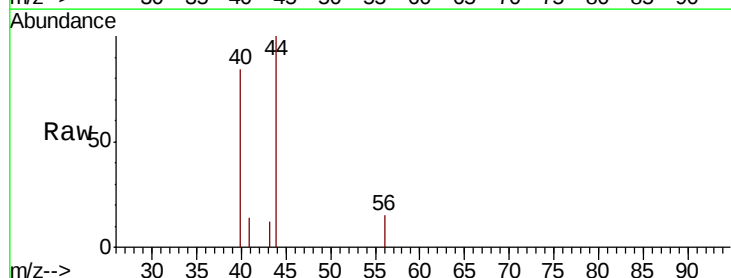
Acq: 20 Dec 2018 12:47

Tgt Ion: 56 Resp: 165

Ion Ratio Lower Upper

56 100

55 0.0 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

200

150

100

50

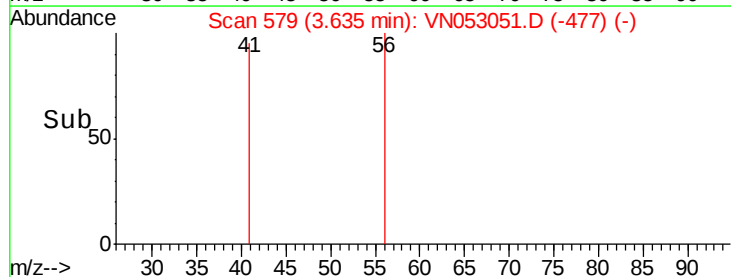
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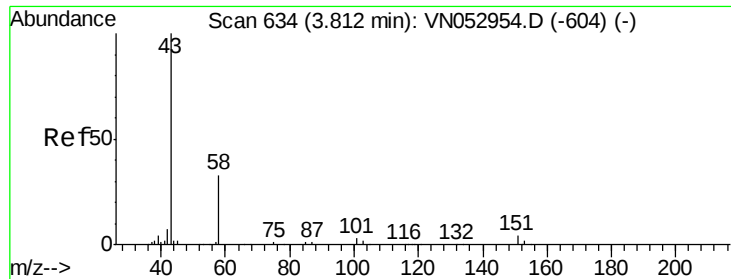
3.63

3.62

3.64

Time-->





#16

Acetone

Concen: 0.552 ug/l

RT: 3.83 min Scan# 641

Delta R.T. 0.02 min

Lab File: VN053051.D

Acq: 20 Dec 2018 12:47

Instrument :

MSVOA_N

ClientSampleId :

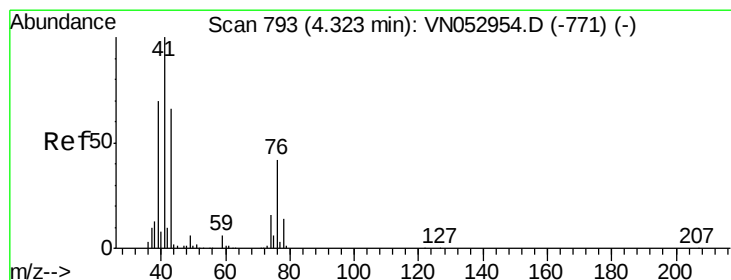
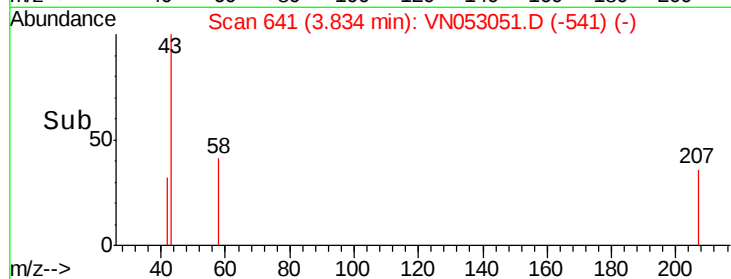
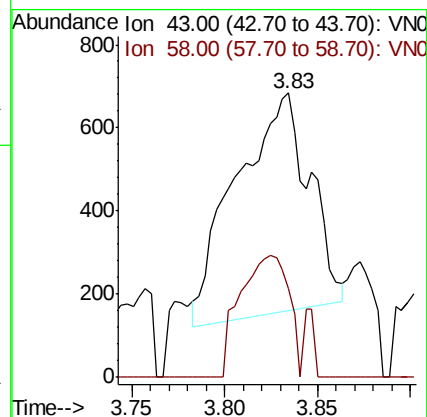
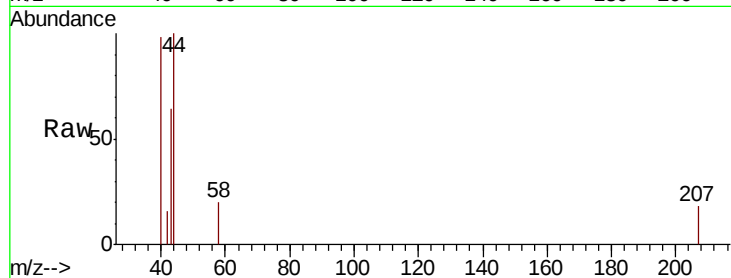
EP1-SBR-3B(17-18FT)1218DL

Tot Ion: 43 Resp: 1462

Ion Ratio Lower Upper

43 100

58 42.3 25.4 38.0#



#18

Methyl Acetate

Concen: 1.236 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN053051.D

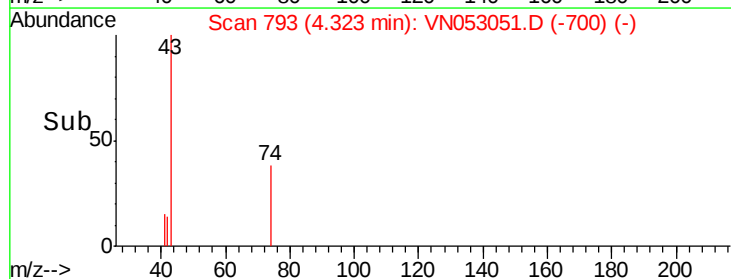
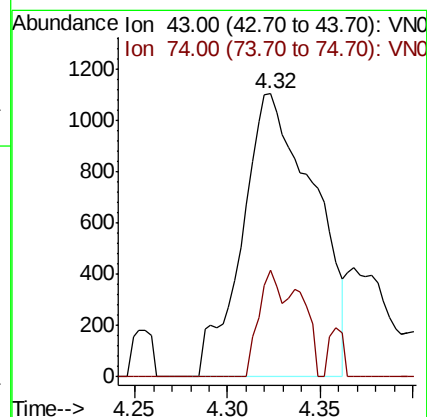
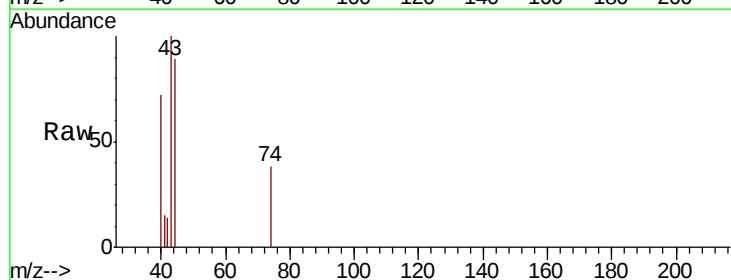
Acq: 20 Dec 2018 12:47

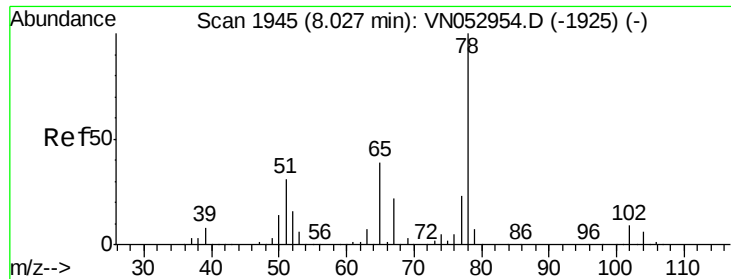
Tgt Ion: 43 Resp: 2994

Ion Ratio Lower Upper

43 100

74 11.6 19.2 28.8#





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053051.D

Acq: 20 Dec 2018 12:47

Instrument :

MSVOA_N

ClientSampleId :

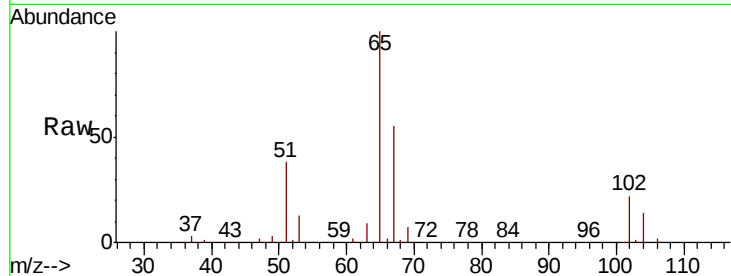
EP1-SBR-3B(17-18FT)1218DL

Tot Ion: 65 Resp: 630140

Ion Ratio Lower Upper

65 100

67 55.0 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN052954.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN052954.D (-1925) (-)

8.03

250000

200000

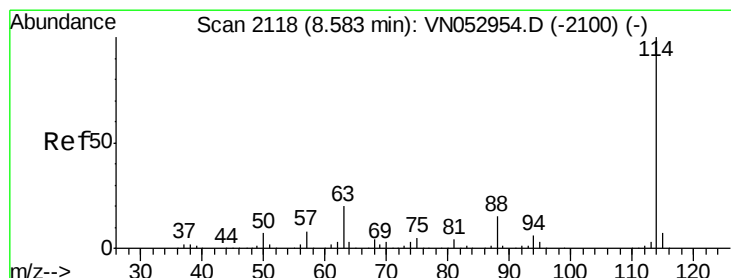
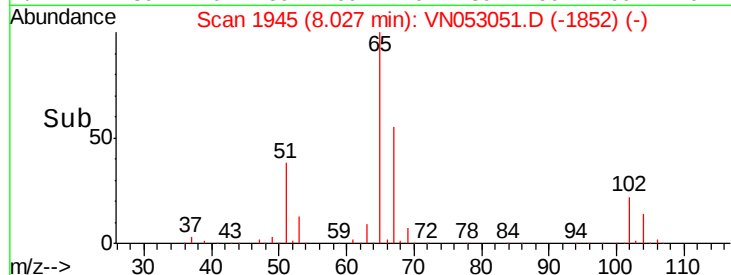
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053051.D

Acq: 20 Dec 2018 12:47

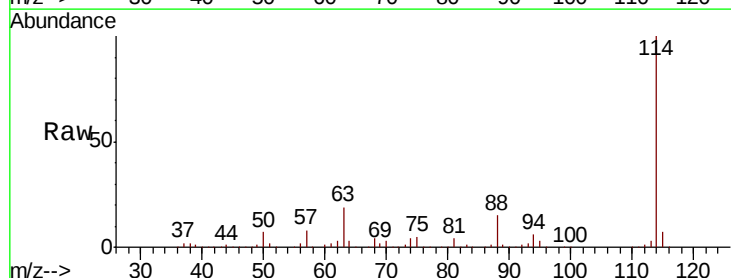
Tgt Ion:114 Resp: 2023757

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.8

88 15.1 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN052954.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN052954.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN052954.D (-2100) (-)

8.59

1200000

1000000

800000

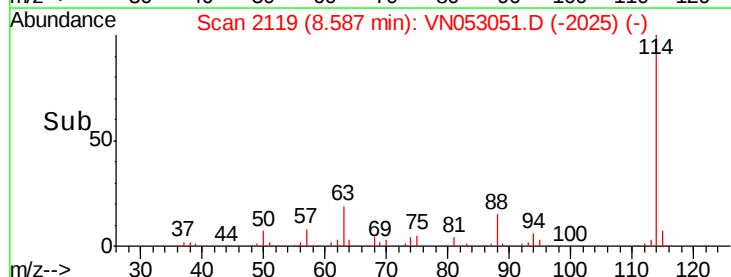
600000

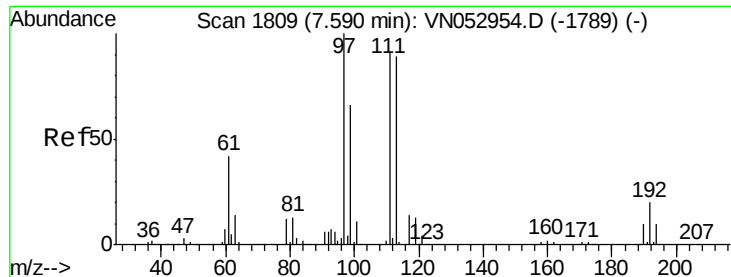
400000

200000

0

Time-->

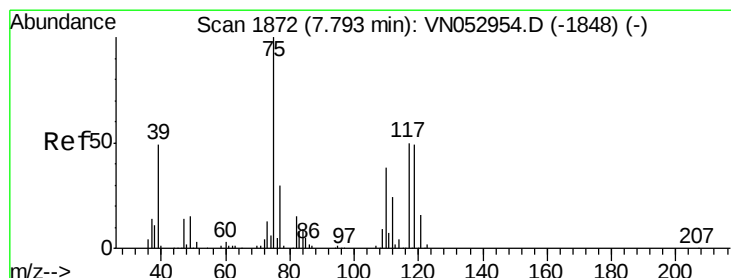
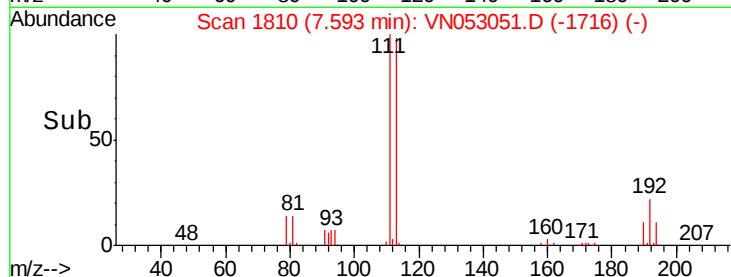
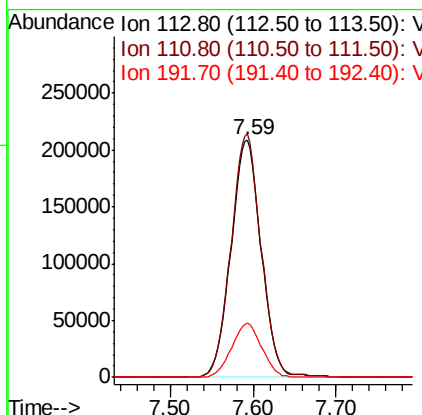
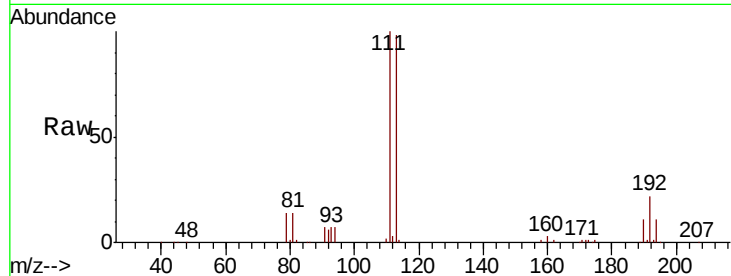




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053051.D
 Acq: 20 Dec 2018 12:47

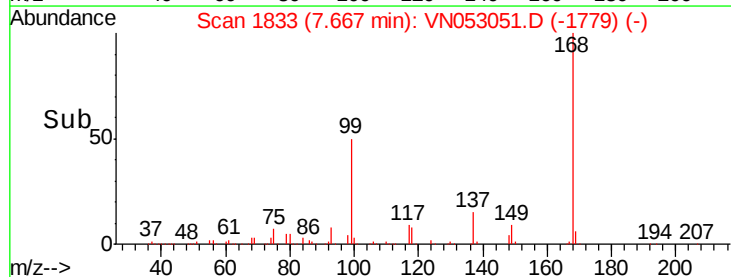
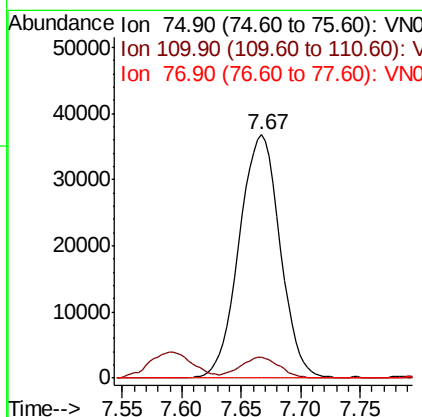
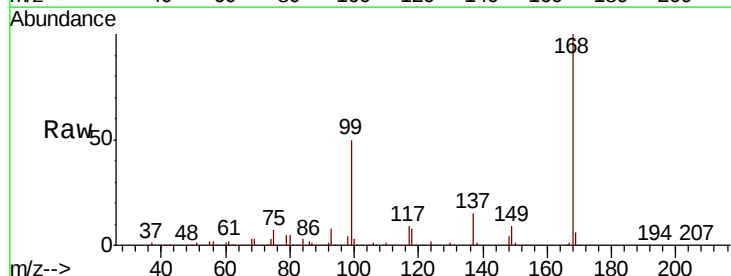
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-3B(17-18FT)1218DL

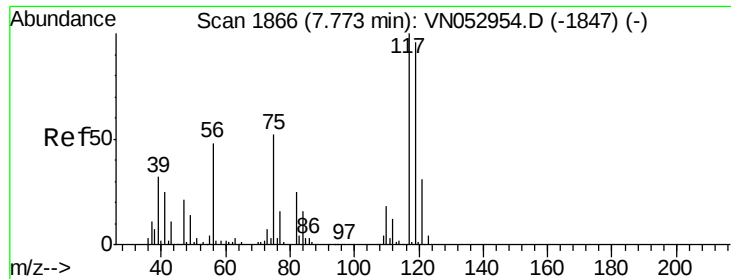
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.0	124.4
192	22.6	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 4.509 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053051.D
 Acq: 20 Dec 2018 12:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.2	54.6#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 6.406 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053051.D

Acq: 20 Dec 2018 12:47

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-3B(17-18FT)1218DL

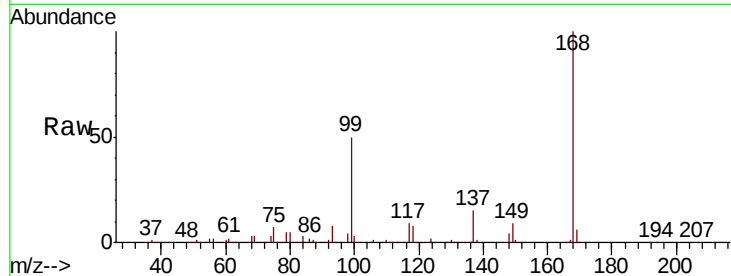
Tot Ion:117 Resp: 114061

Ion Ratio Lower Upper

117 100

119 4.9 77.1 115.7#

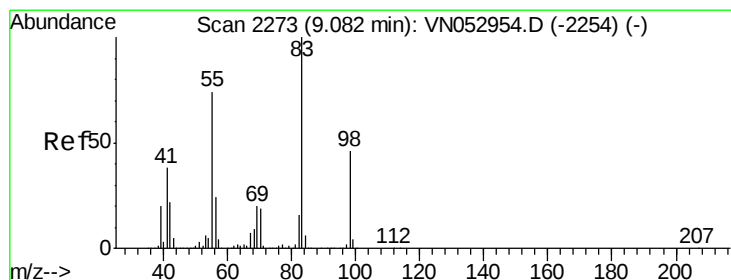
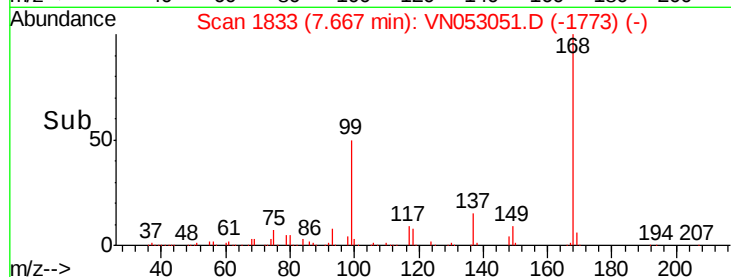
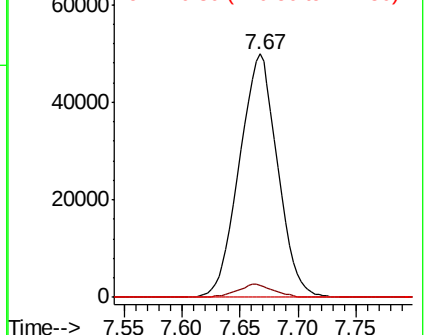
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.483 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN053051.D

Acq: 20 Dec 2018 12:47

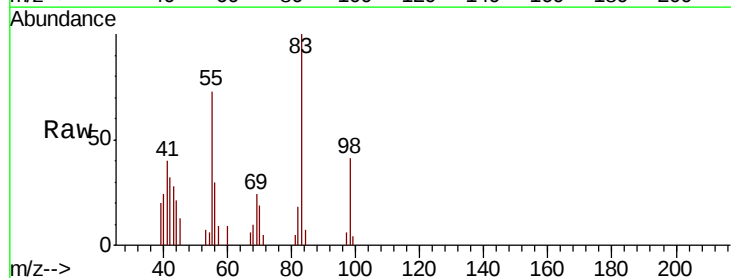
Tgt Ion: 83 Resp: 11401

Ion Ratio Lower Upper

83 100

55 73.4 61.3 91.9

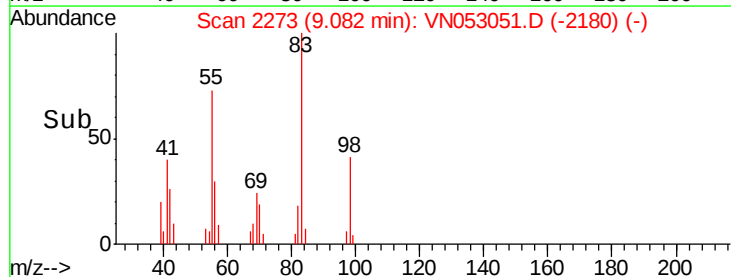
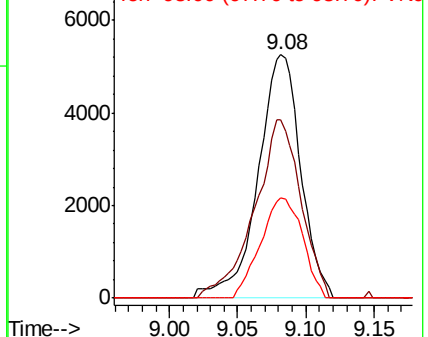
98 41.3 37.0 55.4

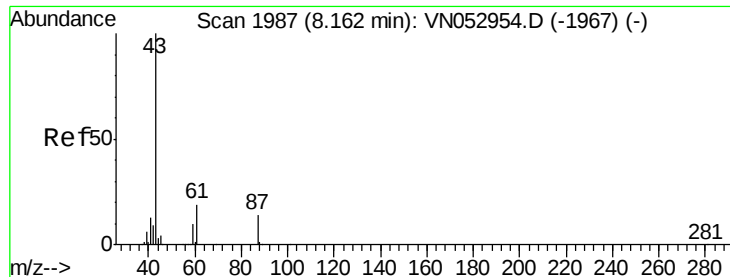


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#43

Isopropyl Acetate

Concen: 2.396 ug/l

RT: 8.29 min Scan# 2028

Delta R.T. 0.13 min

Lab File: VN053051.D

Acq: 20 Dec 2018 12:47

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EP1-SBR-3B(17-18FT)1218DL

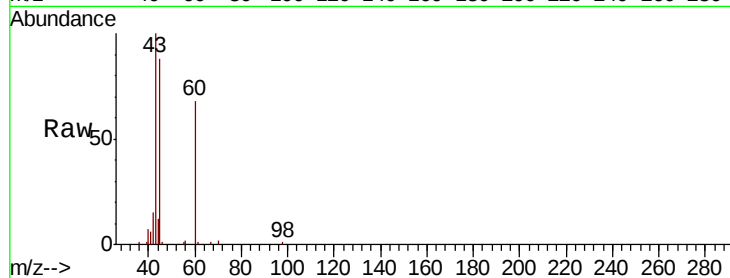
Tot Ion: 43 Resp: 71155

Ion Ratio Lower Upper

43 100

61 0.6 22.9 34.3#

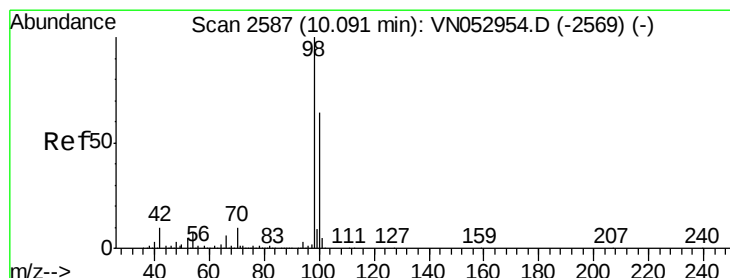
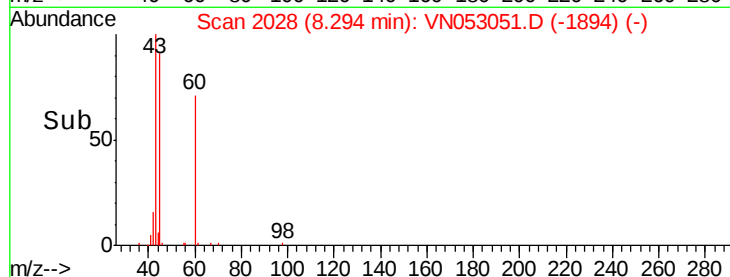
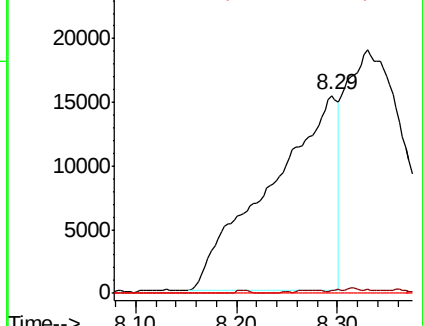
87 0.0 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN053051.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN053051.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN053051.D (-1894) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053051.D

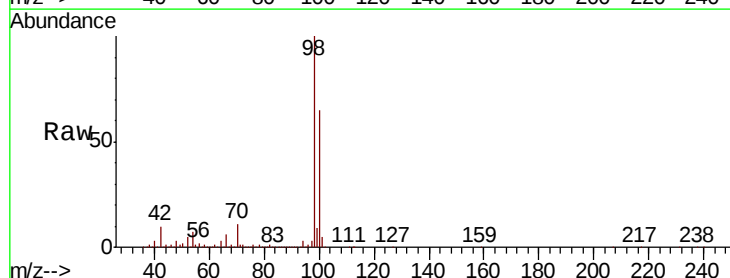
Acq: 20 Dec 2018 12:47

Tgt Ion: 98 Resp: 2486668

Ion Ratio Lower Upper

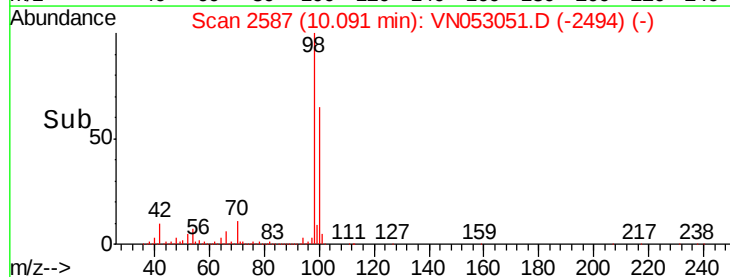
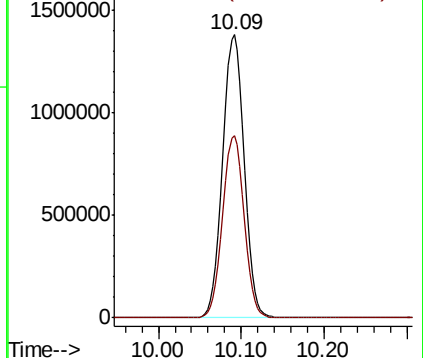
98 100

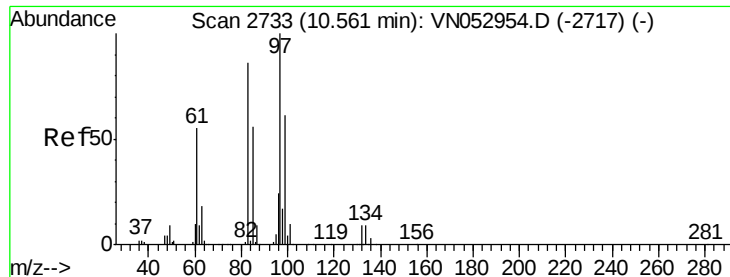
100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN053051.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053051.D (-2494) (-)

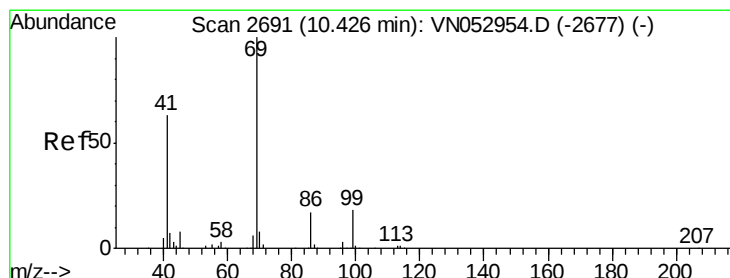
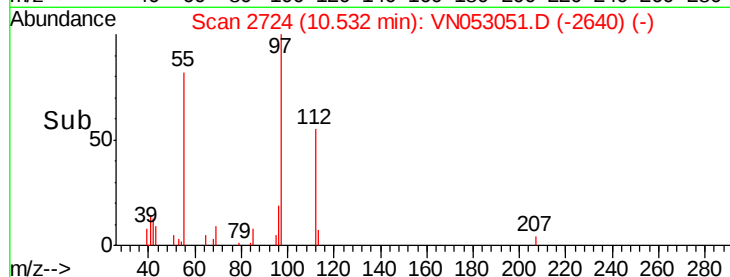
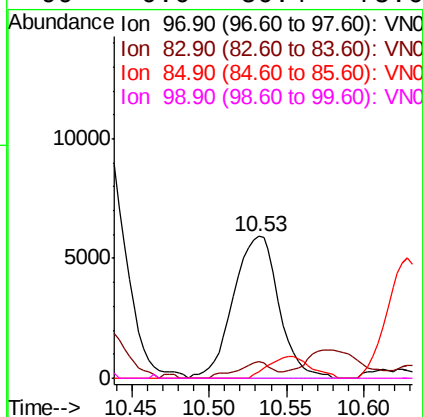
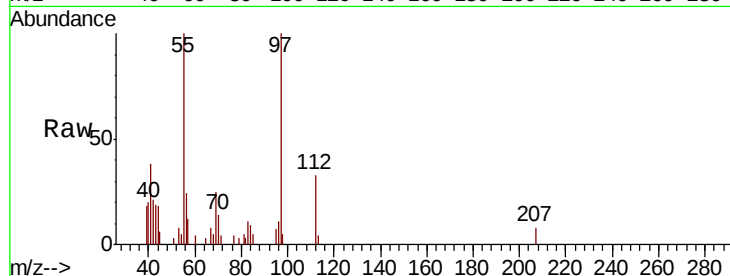




#55
 1,1,2-Trichloroethane
 Concen: 0.972 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.03 min
 Lab File: VN053051.D
 Acq: 20 Dec 2018 12:47

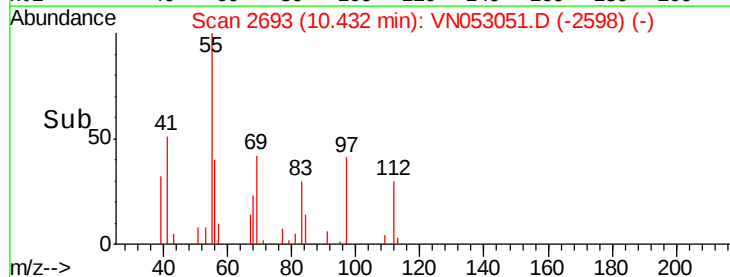
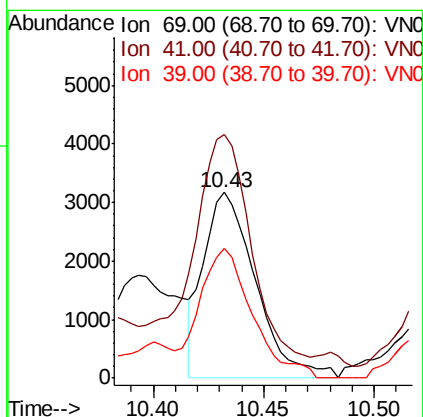
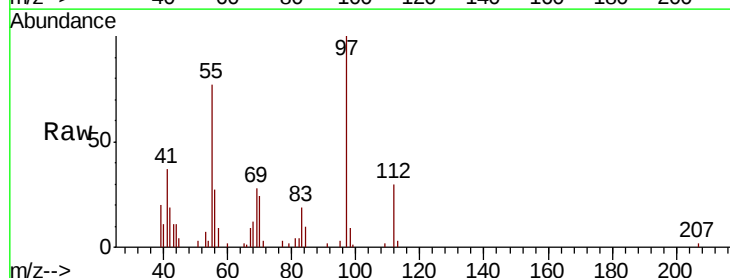
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-3B(17-18FT)1218DL

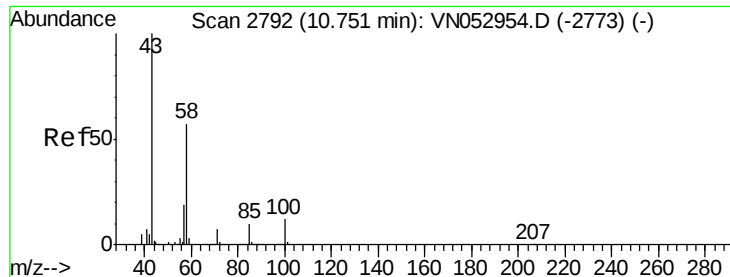
Tot Ion: 97 Resp: 12138
 Ion Ratio Lower Upper
 97 100
 83 11.4 70.9 106.3#
 85 4.9 45.4 68.2#
 99 0.0 50.4 75.6#



#56
 Ethyl methacrylate
 Concen: 0.314 ug/l
 RT: 10.43 min Scan# 2693
 Delta R.T. 0.01 min
 Lab File: VN053051.D
 Acq: 20 Dec 2018 12:47

Tgt Ion: 69 Resp: 5193
 Ion Ratio Lower Upper
 69 100
 41 125.6 51.7 77.5#
 39 71.0 24.6 37.0#

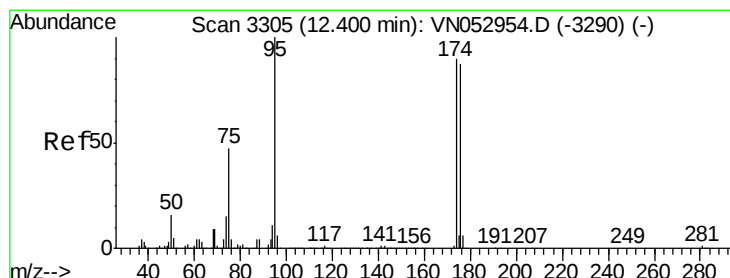
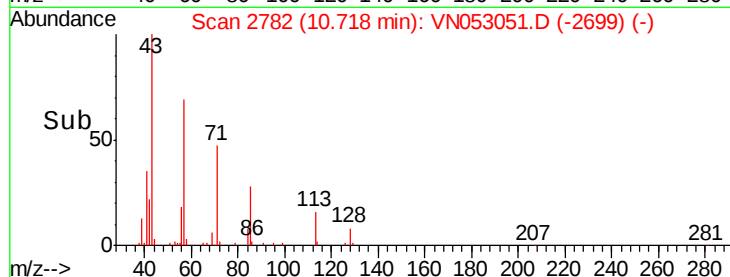
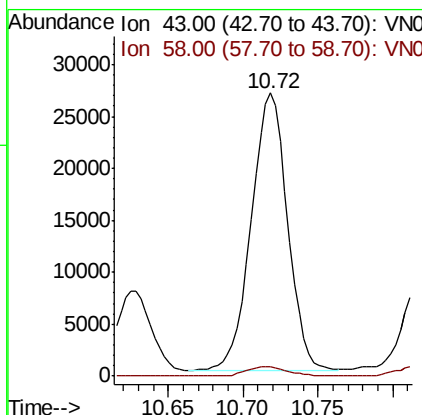
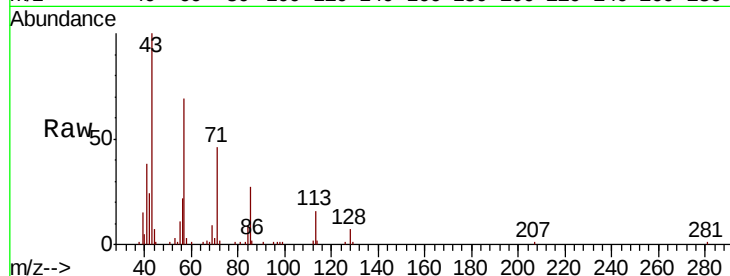




#59
2-Hexanone
Concen: 6.327 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

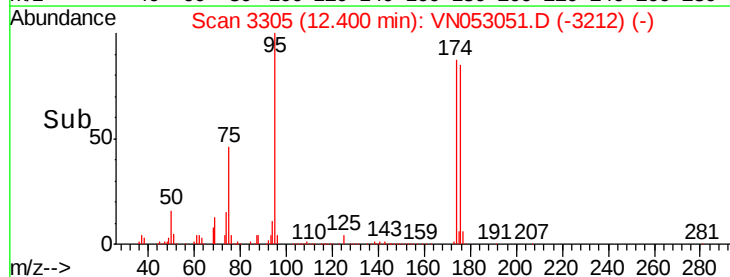
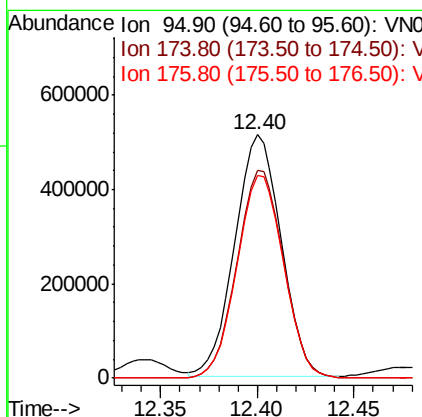
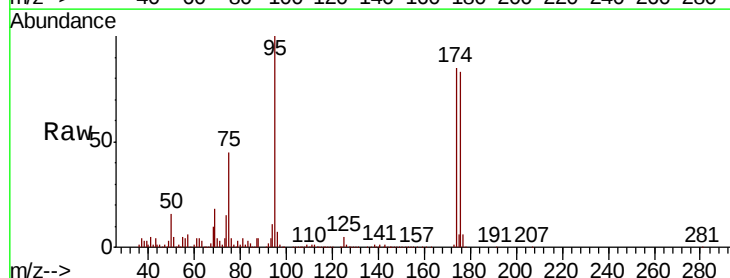
Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-3B(17-18FT)1218DL

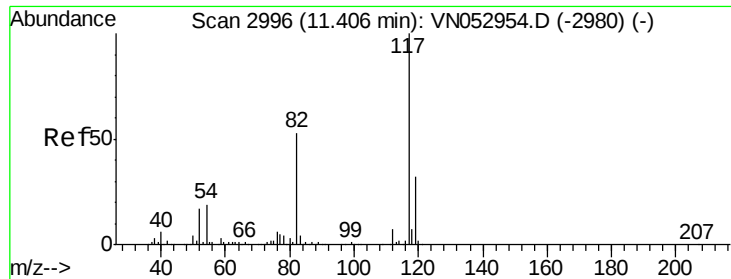
Tot Ion: 43 Resp: 44954
Ion Ratio Lower Upper
43 100
58 3.6 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Tgt Ion: 95 Resp: 854224
Ion Ratio Lower Upper
95 100
174 86.6 0.0 178.8
176 84.7 0.0 173.8

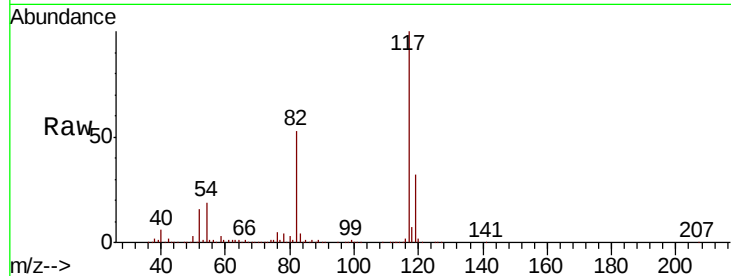




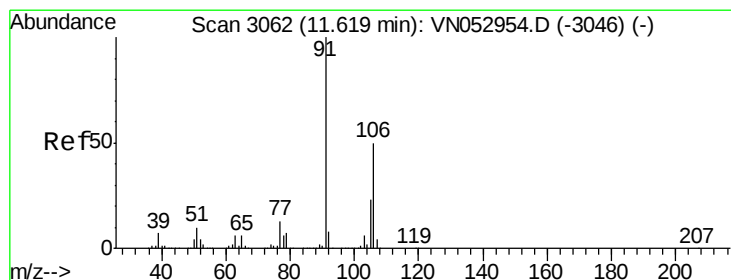
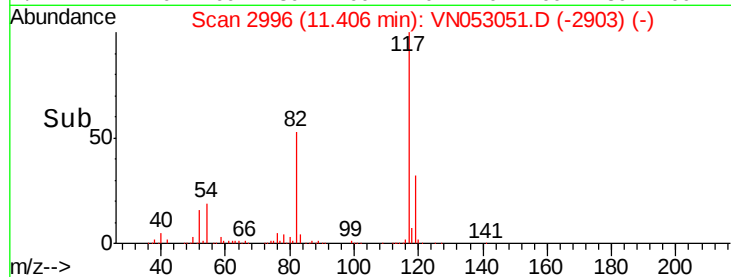
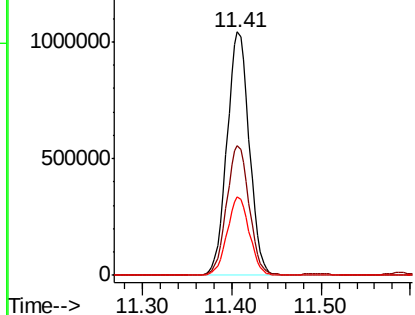
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-3B(17-18FT)1218DL

Tot Ion:117 Resp: 1797652
Ion Ratio Lower Upper
117 100
82 53.1 42.8 64.2
119 32.0 25.5 38.3

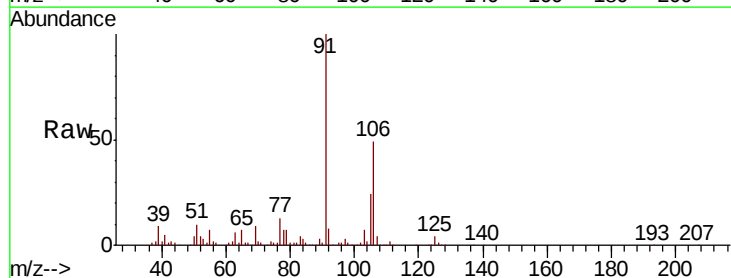


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

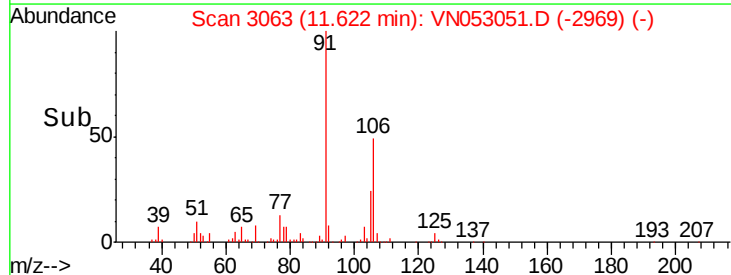
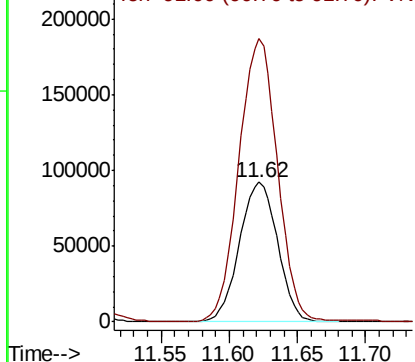


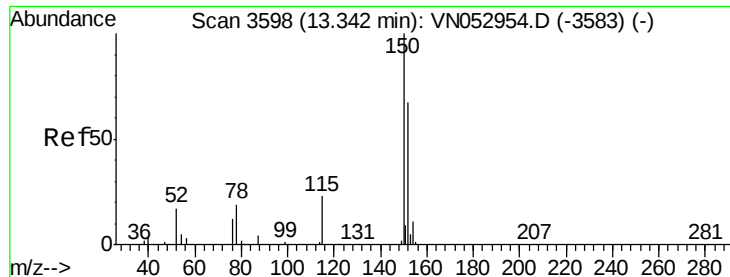
#68
m/p-Xylenes
Concen: 6.890 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Tgt Ion:106 Resp: 179494
Ion Ratio Lower Upper
106 100
91 204.0 162.2 243.4



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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053051.D

Acq: 20 Dec 2018 12:47

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-3B(17-18FT)1218DL

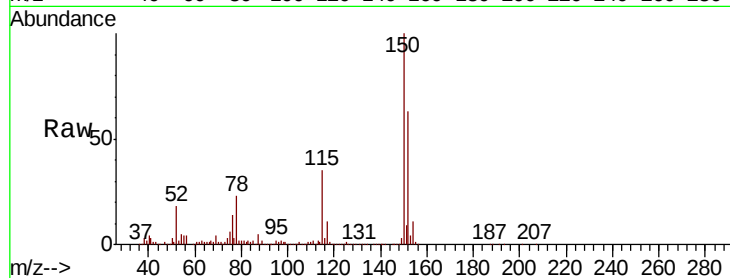
Tot Ion:152 Resp: 775294

Ion Ratio Lower Upper

152 100

115 60.3 28.3 85.0

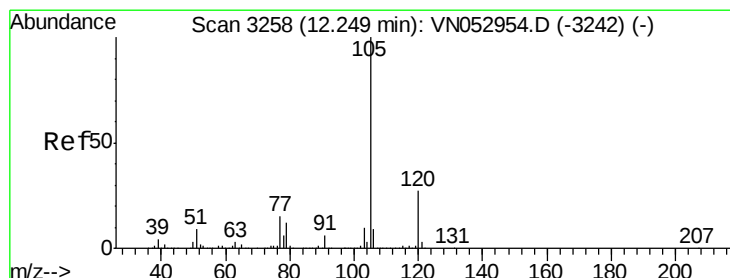
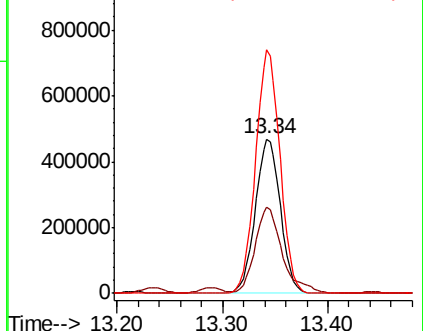
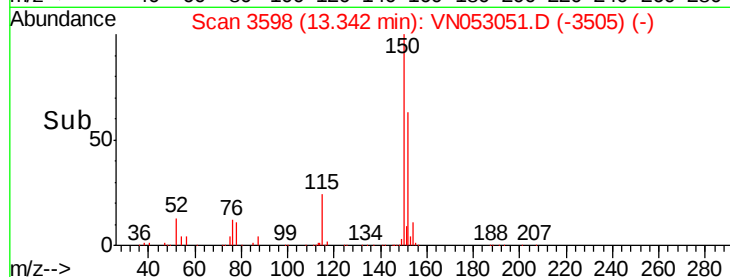
150 154.2 0.0 347.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 4.204 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053051.D

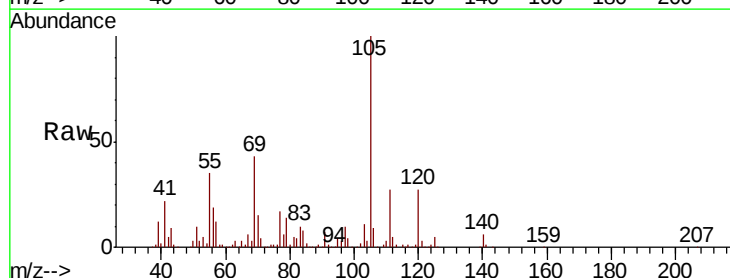
Acq: 20 Dec 2018 12:47

Tgt Ion:105 Resp: 255029

Ion Ratio Lower Upper

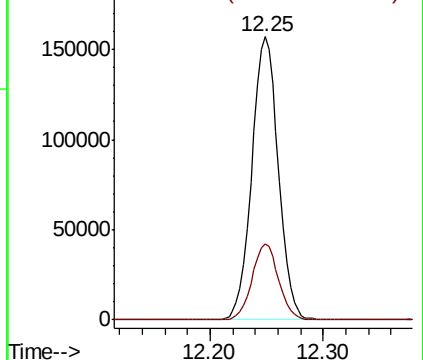
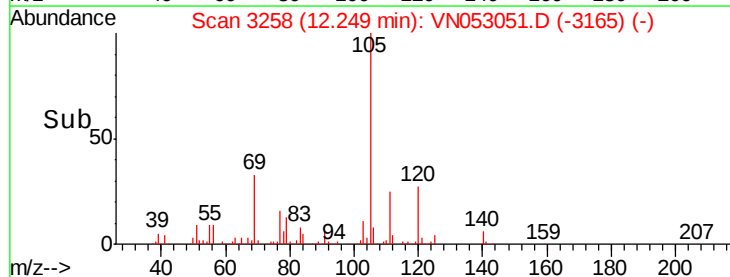
105 100

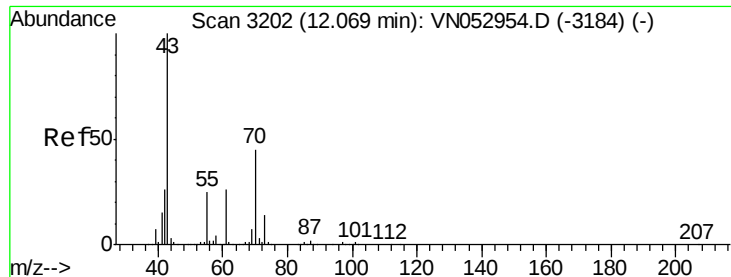
120 26.8 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 20.141 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN053051.D

Acq: 20 Dec 2018 12:47

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-3B(17-18FT)1218DL

Tot Ion: 43 Resp: 339207

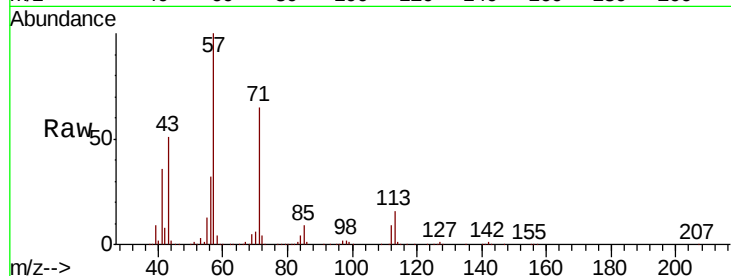
Ion Ratio Lower Upper

43 100

70 10.3 34.2 51.4#

55 18.9 20.3 30.5#

61 0.0 20.0 30.0#

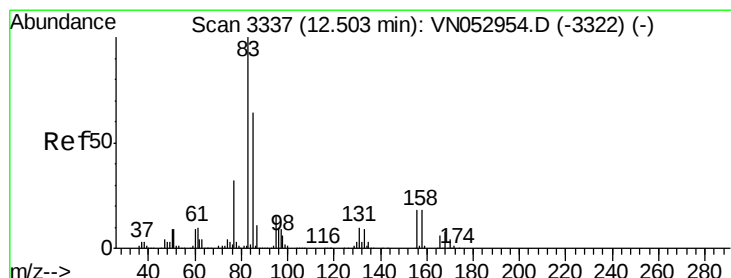
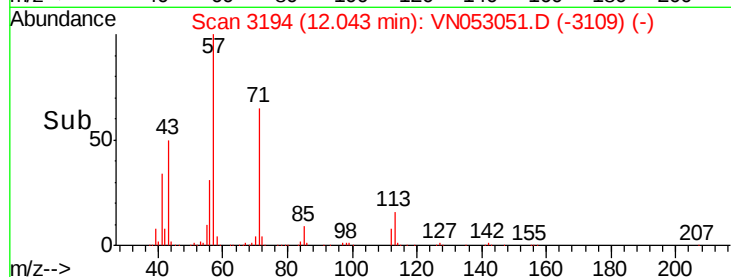
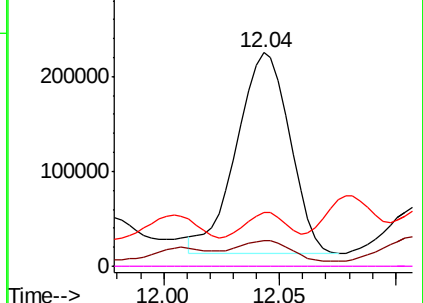


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: 2.510 ug/l

RT: 12.47 min Scan# 3328

Delta R.T. -0.03 min

Lab File: VN053051.D

Acq: 20 Dec 2018 12:47

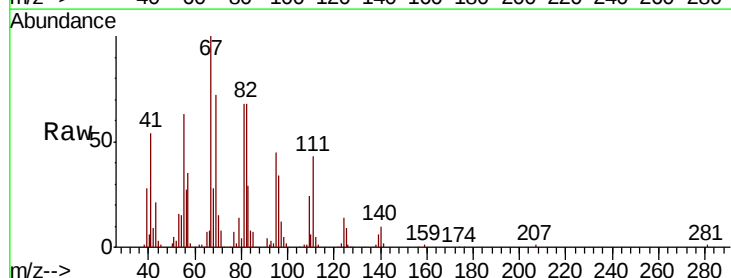
Tgt Ion: 83 Resp: 29876

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

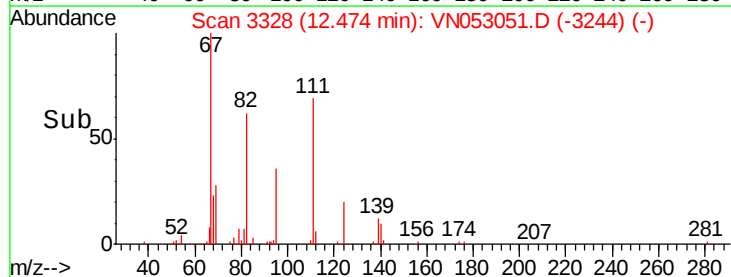
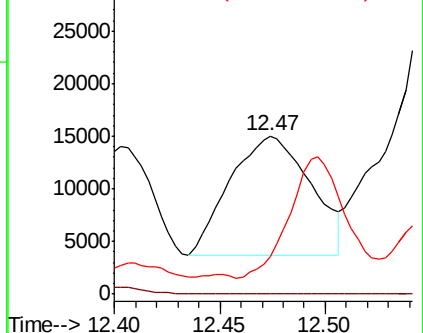
85 0.0 32.4 97.0#

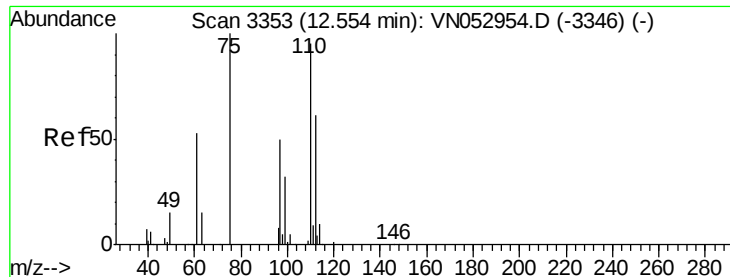


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

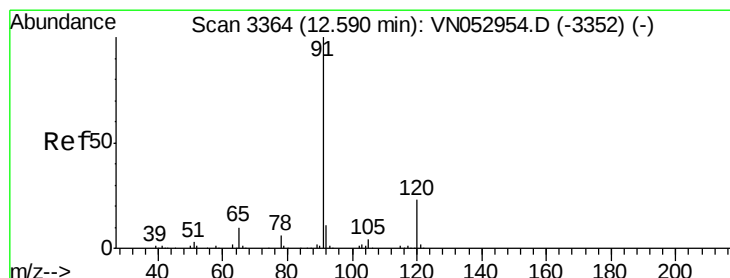
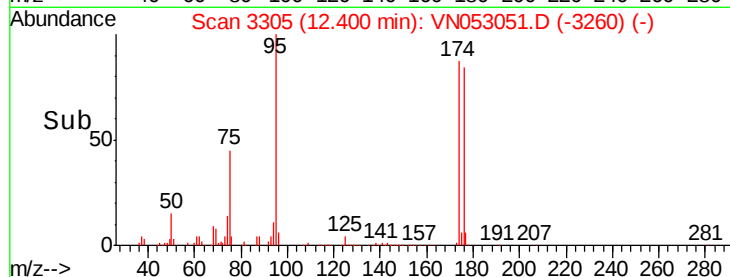
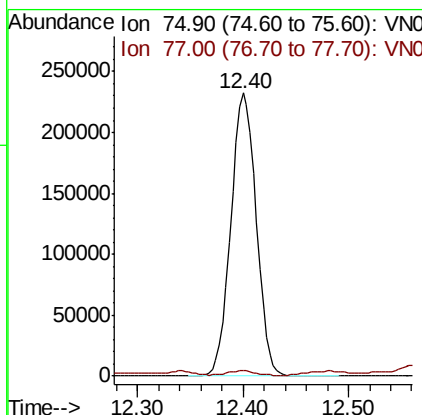
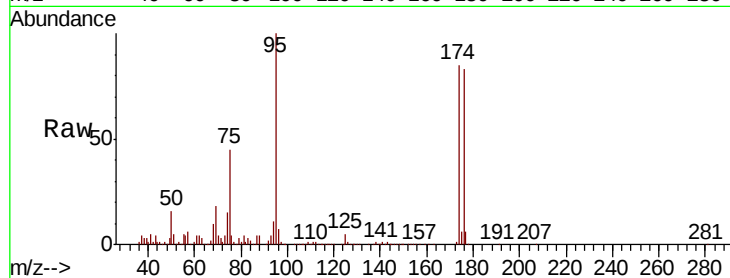




#76
 1,2,3-Trichloropropane
 Concen: 29.572 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN053051.D
 Acq: 20 Dec 2018 12:47

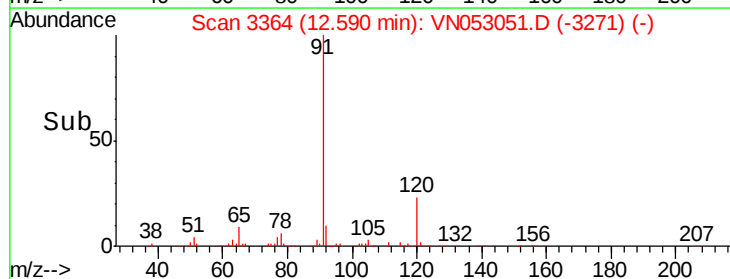
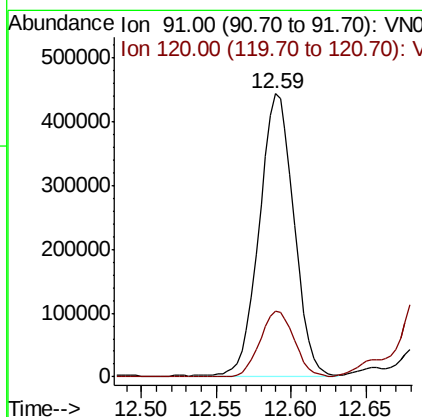
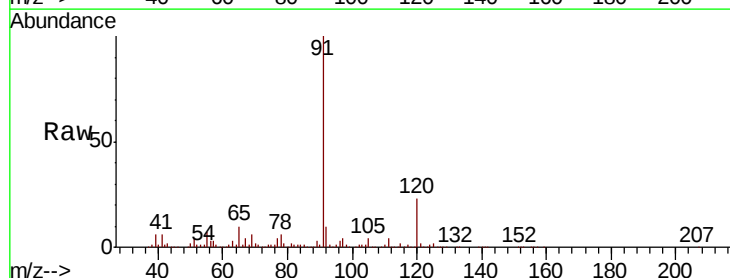
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-3B(17-18FT)1218DL

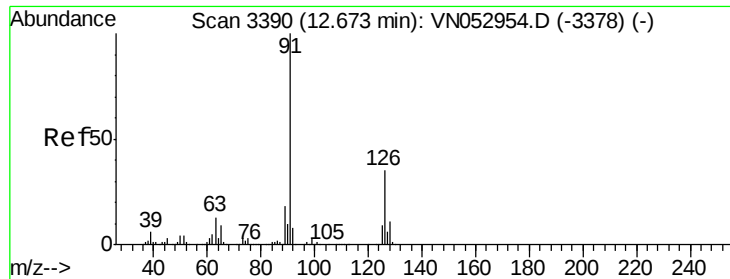
Tot Ion: 75 Resp: 385958
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#



#78
 n-propylbenzene
 Concen: 10.247 ug/l
 RT: 12.59 min Scan# 3364
 Delta R.T. -0.00 min
 Lab File: VN053051.D
 Acq: 20 Dec 2018 12:47

Tgt Ion: 91 Resp: 707956
 Ion Ratio Lower Upper
 91 100
 120 23.2 11.5 34.5





#79

2-Chlorotoluene

Concen: 2.289 ug/l

RT: 12.69 min Scan# 3394

Delta R.T. 0.01 min

Lab File: VN053051.D

Acq: 20 Dec 2018 12:47

Instrument :

MSVOA_N

ClientSampleId :

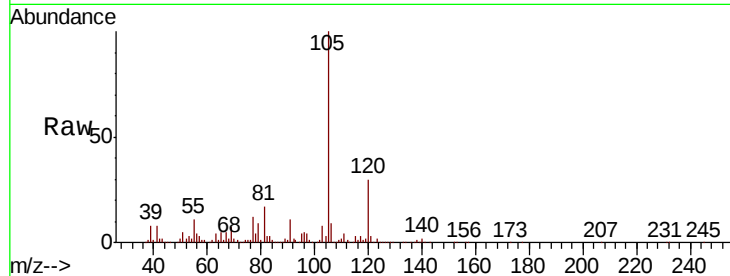
EP1-SBR-3B(17-18FT)1218DL

Tot Ion: 91 Resp: 98018

Ion Ratio Lower Upper

91 100

126 0.0 17.4 52.3#



Abundance Ion 91.00 (90.70 to 91.70): VN052954.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN052954.D (-3378) (-)

500000

400000

300000

200000

100000

0

12.60

12.65

12.70

12.75

12.80

12.85

12.90

12.95

13.00

13.05

13.10

13.15

13.20

13.25

13.30

13.35

13.40

13.45

13.50

13.55

13.60

13.65

13.70

13.75

13.80

13.85

13.90

13.95

14.00

14.05

14.10

14.15

14.20

14.25

14.30

14.35

14.40

14.45

14.50

14.55

14.60

14.65

14.70

14.75

14.80

14.85

14.90

14.95

15.00

15.05

15.10

15.15

15.20

15.25

15.30

15.35

15.40

15.45

15.50

15.55

15.60

15.65

15.70

15.75

15.80

15.85

15.90

15.95

16.00

16.05

16.10

16.15

16.20

16.25

16.30

16.35

16.40

16.45

16.50

16.55

16.60

16.65

16.70

16.75

16.80

16.85

16.90

16.95

17.00

17.05

17.10

17.15

17.20

17.25

17.30

17.35

17.40

17.45

17.50

17.55

17.60

17.65

17.70

17.75

17.80

17.85

17.90

17.95

18.00

18.05

18.10

18.15

18.20

18.25

18.30

18.35

18.40

18.45

18.50

18.55

18.60

18.65

18.70

18.75

18.80

18.85

18.90

18.95

19.00

19.05

19.10

19.15

19.20

19.25

19.30

19.35

19.40

19.45

19.50

19.55

19.60

19.65

19.70

19.75

19.80

19.85

19.90

19.95

20.00

20.05

20.10

20.15

20.20

20.25

20.30

20.35

20.40

20.45

20.50

20.55

20.60

20.65

20.70

20.75

20.80

20.85

20.90

20.95

21.00

21.05

21.10

21.15

21.20

21.25

21.30

21.35

21.40

21.45

21.50

21.55

21.60

21.65

21.70

21.75

21.80

21.85

21.90

21.95

22.00

22.05

22.10

22.15

22.20

22.25

22.30

22.35

22.40

22.45

22.50

22.55

22.60

22.65

22.70

22.75

22.80

22.85

22.90

22.95

23.00

23.05

23.10

23.15

23.20

23.25

23.30

23.35

23.40

23.45

23.50

23.55

23.60

23.65

23.70

23.75

23.80

23.85

23.90

23.95

24.00

24.05

24.10

24.15

24.20

24.25

24.30

24.35

24.40

24.45

24.50

24.55

24.60

24.65

24.70

24.75

24.80

24.85

24.90

24.95

25.00

25.05

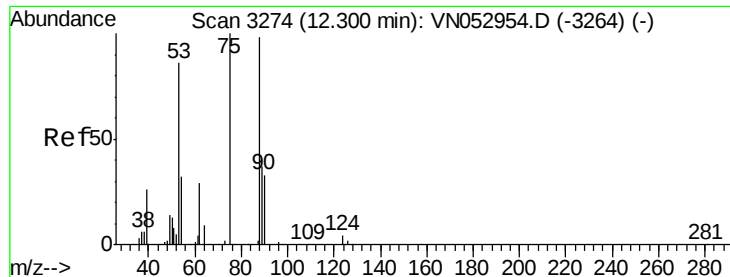
25.10

25.15

25.20

25.25

25.30



#81

trans-1,4-Dichloro-2-butene

Concen: 95.315 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053051.D

Acq: 20 Dec 2018 12:47

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-3B(17-18FT)1218DL

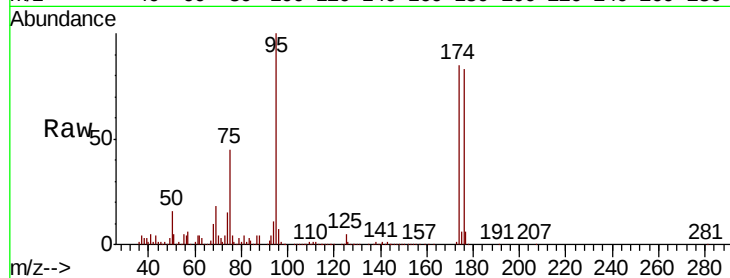
Tot Ion: 75 Resp: 385958

Ion Ratio Lower Upper

75 100

53 1.7 74.7 112.1#

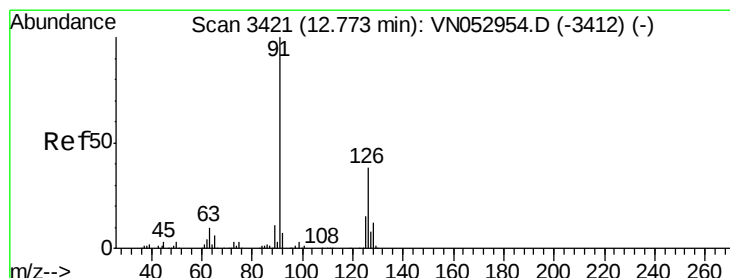
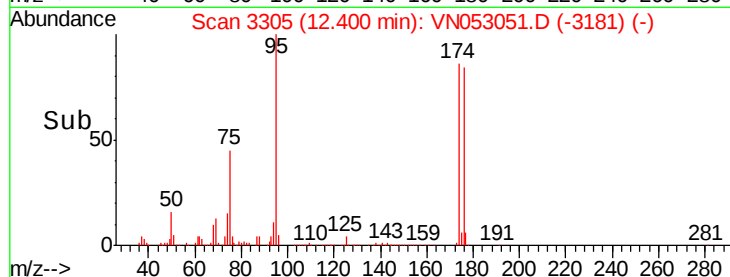
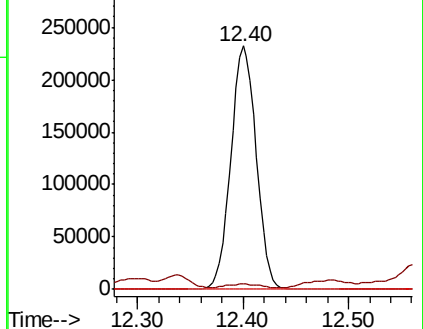
89 0.0 36.1 54.1#



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: 2.670 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN053051.D

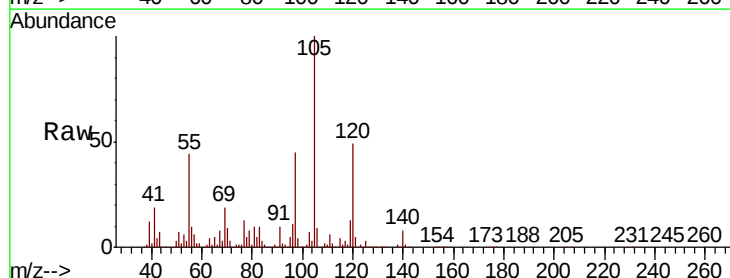
Acq: 20 Dec 2018 12:47

Tgt Ion: 91 Resp: 111937

Ion Ratio Lower Upper

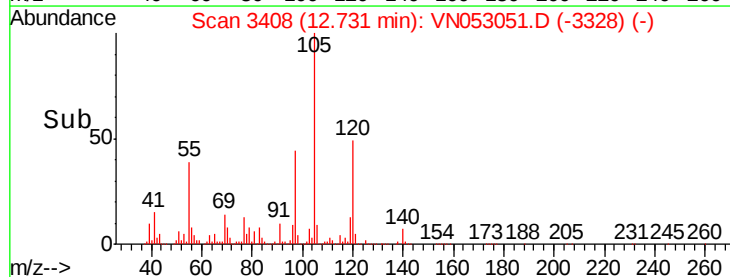
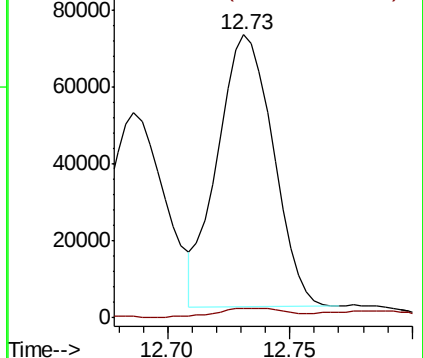
91 100

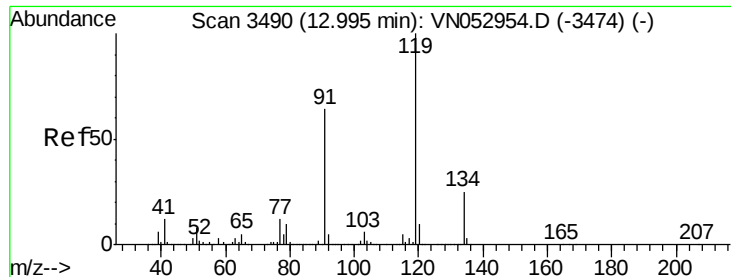
126 4.0 17.3 51.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

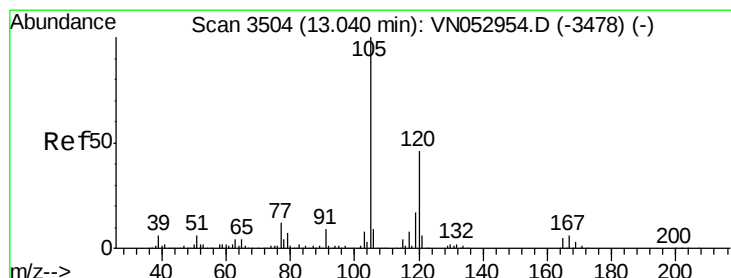
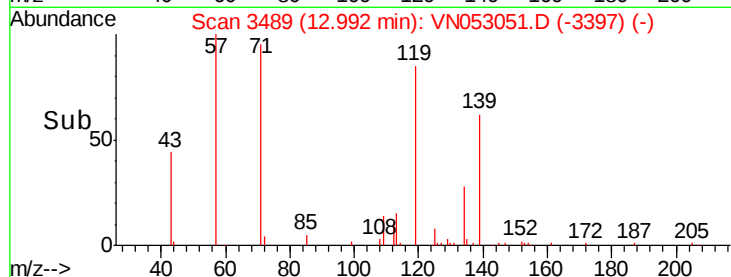
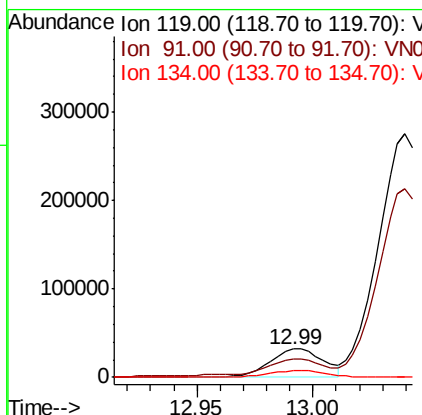
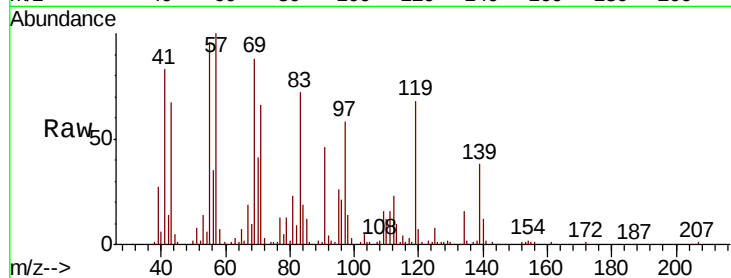




#83
tert-Butylbenzene
Concen: 1.153 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

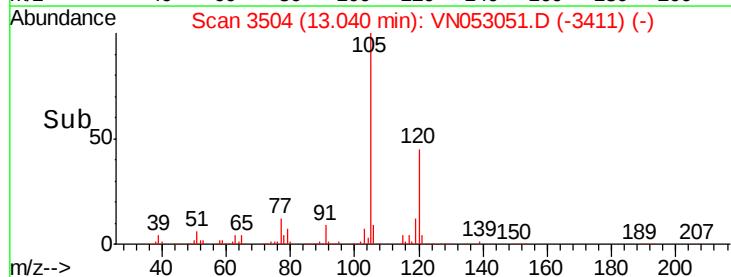
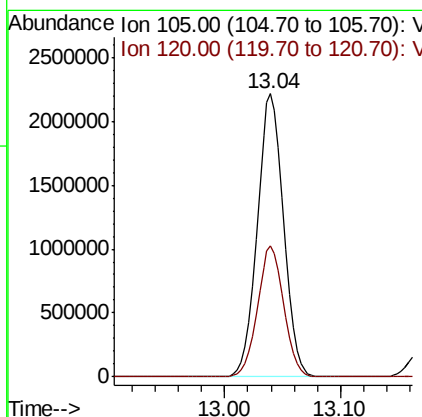
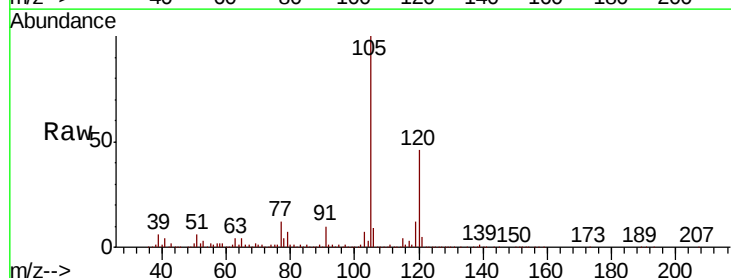
Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-3B(17-18FT)1218DL

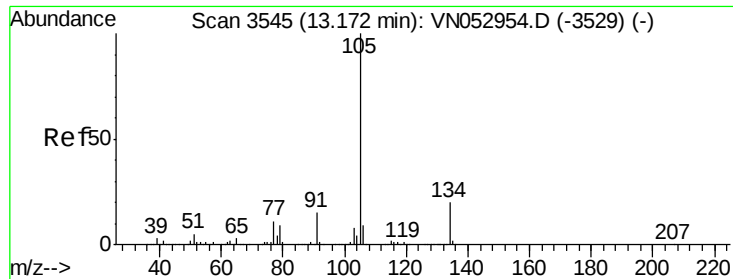
Tot Ion:119 Resp: 50427
Ion Ratio Lower Upper
119 100
91 69.6 31.9 95.5
134 25.7 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 70.250 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Tgt Ion:105 Resp: 3491726
Ion Ratio Lower Upper
105 100
120 46.2 22.9 68.8

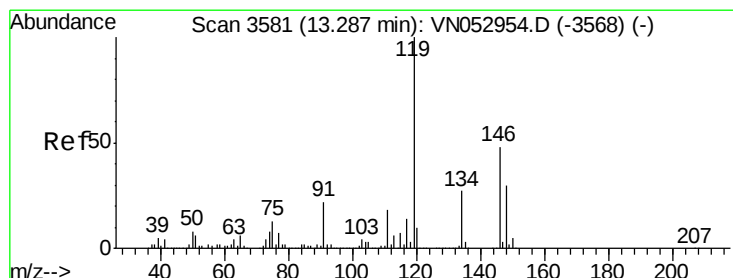
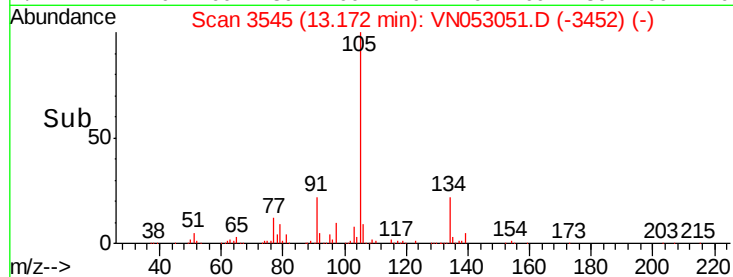
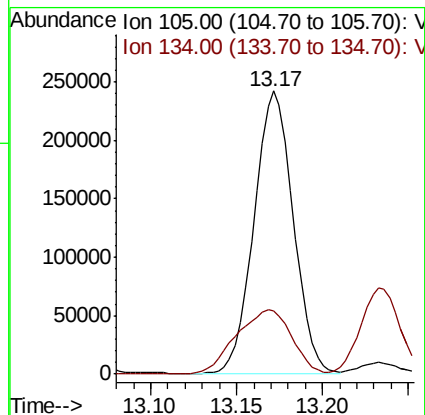
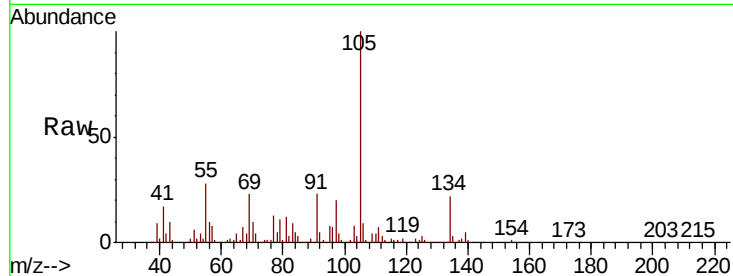




#85
 sec-Butylbenzene
 Concen: 6.418 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN053051.D
 Acq: 20 Dec 2018 12:47

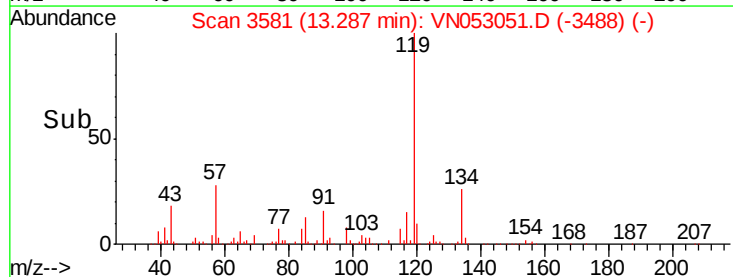
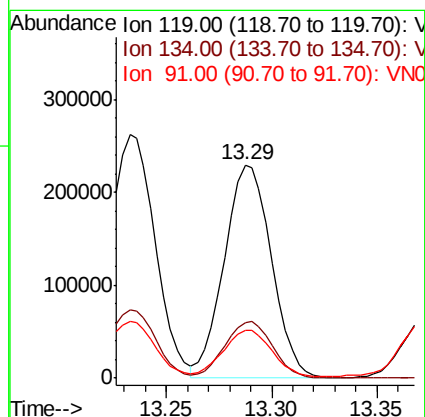
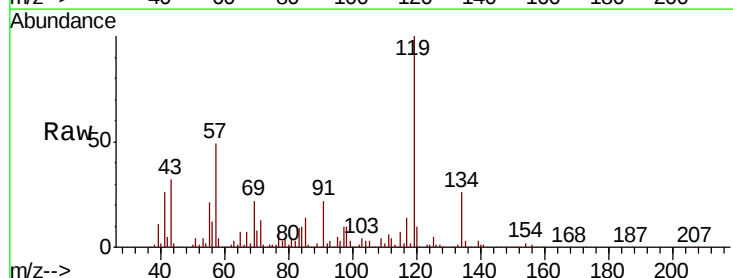
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-3B(17-18FT)1218DL

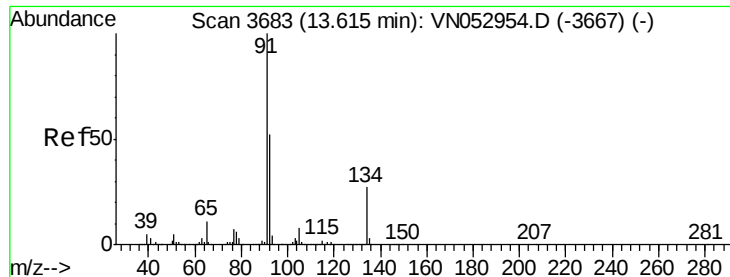
Tot Ion:105 Resp: 379577
 Ion Ratio Lower Upper
 105 100
 134 32.6 10.1 30.3#



#86
 p-Isopropyltoluene
 Concen: 6.946 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN053051.D
 Acq: 20 Dec 2018 12:47

Tgt Ion:119 Resp: 355004
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.2
 91 22.0 11.1 33.3

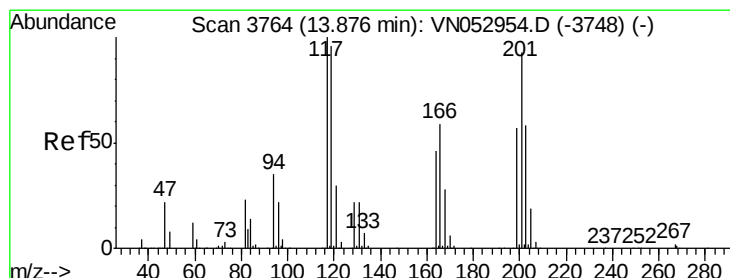
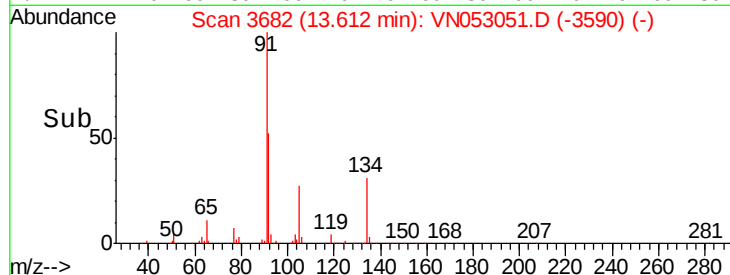
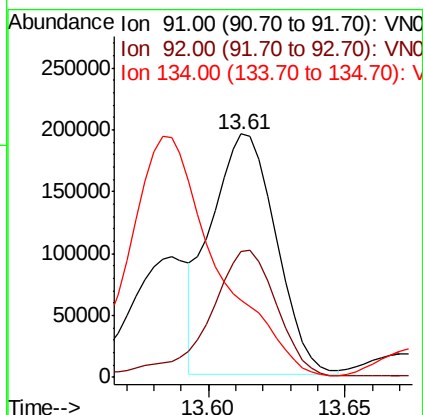
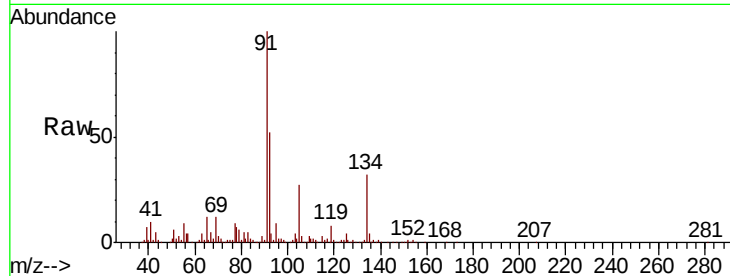




#89
n-Butylbenzene
Concen: 7.309 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

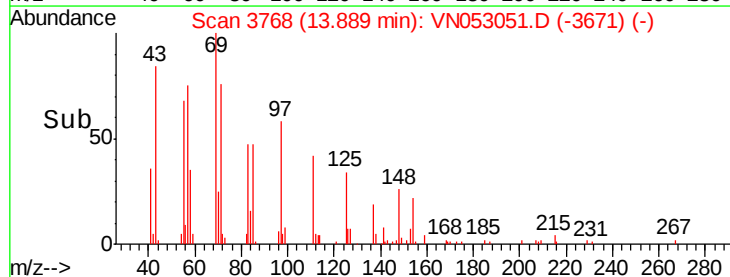
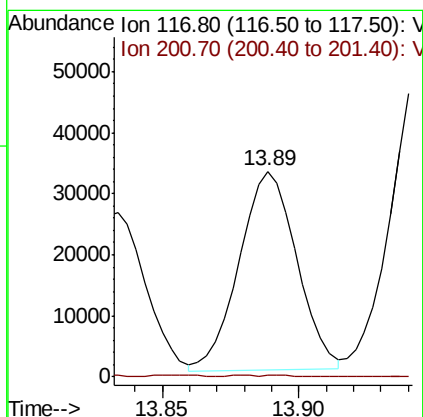
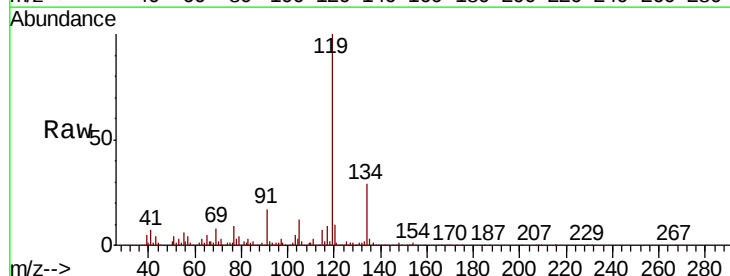
Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-3B(17-18FT)1218DL

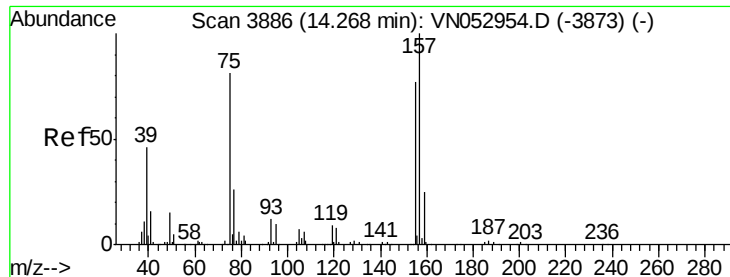
Tot Ion: 91 Resp: 321352
Ion Ratio Lower Upper
91 100
92 54.2 26.3 78.9
134 0.0 13.3 39.8#



#90
Hexachloroethane
Concen: 6.084 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.01 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Tgt Ion: 117 Resp: 47717
Ion Ratio Lower Upper
117 100
201 0.0 45.7 137.1#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.008 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. -0.02 min

Lab File: VN053051.D

Acq: 20 Dec 2018 12:47

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-3B(17-18FT)1218DL

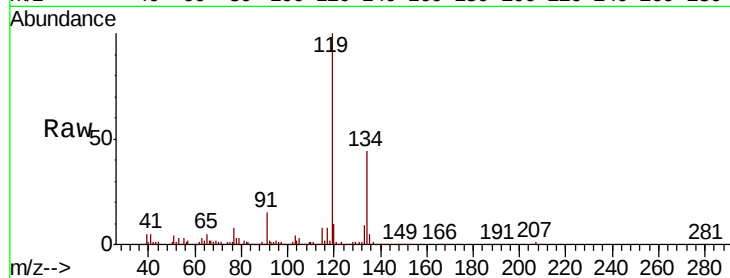
Tot Ion: 75 Resp: 2075

Ion Ratio Lower Upper

75 100

155 0.0 48.2 144.6#

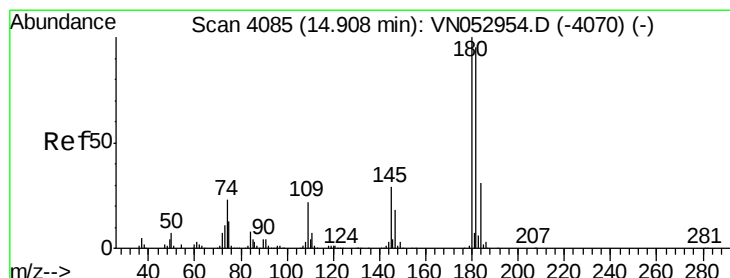
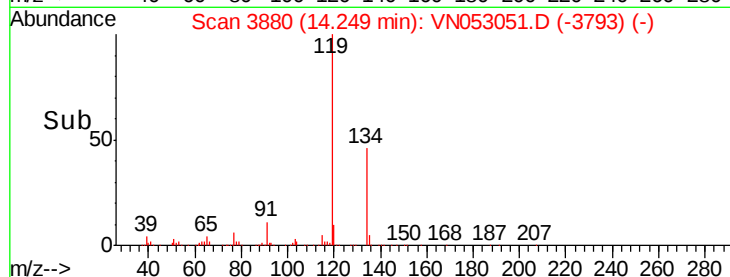
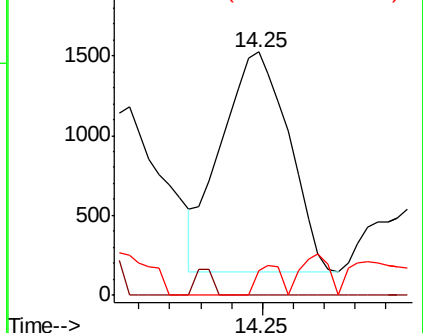
157 4.9 61.2 183.5#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 0.658 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN053051.D

Acq: 20 Dec 2018 12:47

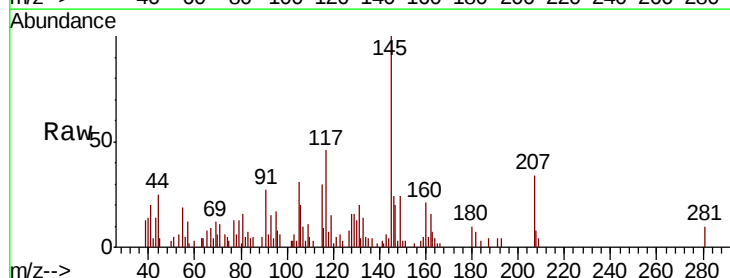
Tgt Ion: 180 Resp: 876

Ion Ratio Lower Upper

180 100

182 120.2 47.8 143.3

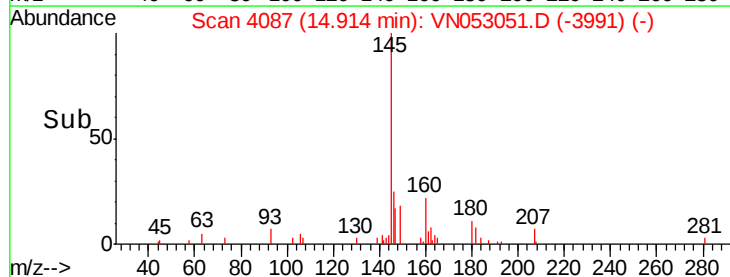
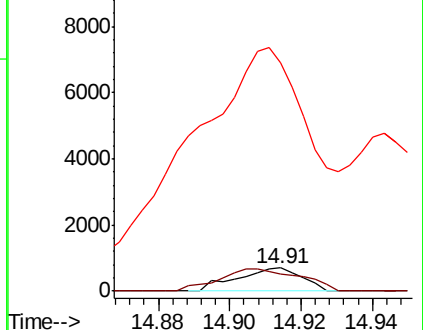
145 2096.1 14.2 42.6#

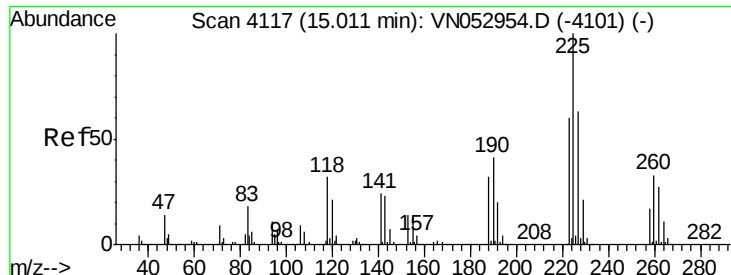


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4115

Delta R.T. -0.01 min

Lab File: VN053051.D

Acq: 20 Dec 2018 12:47

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-3B(17-18FT)1218DL

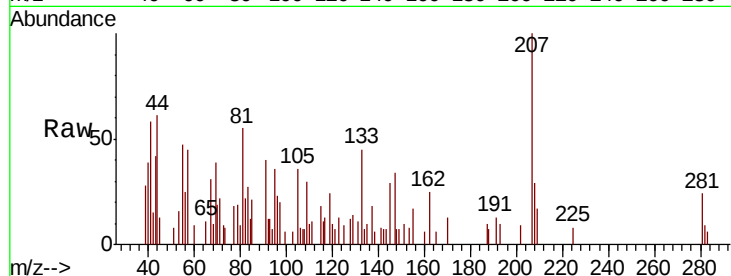
Tot Ion:225 Resp: 112

Ion Ratio Lower Upper

225 100

223 0.0 31.5 94.5#

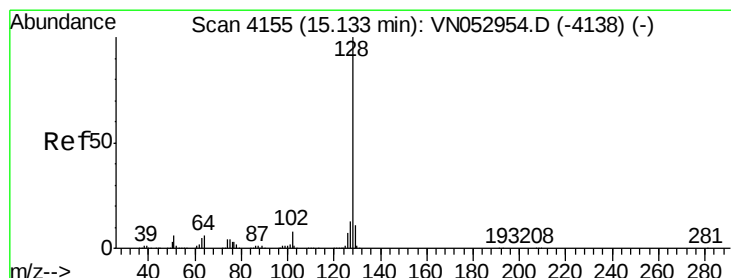
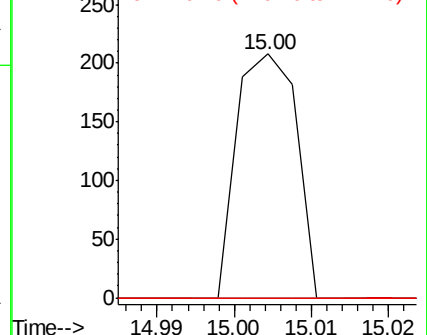
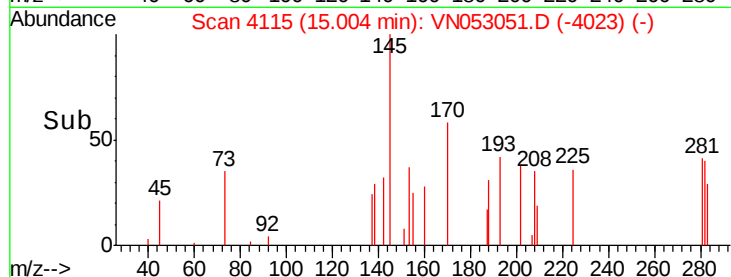
227 0.0 31.9 95.7#



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: 1.345 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN053051.D

Acq: 20 Dec 2018 12:47

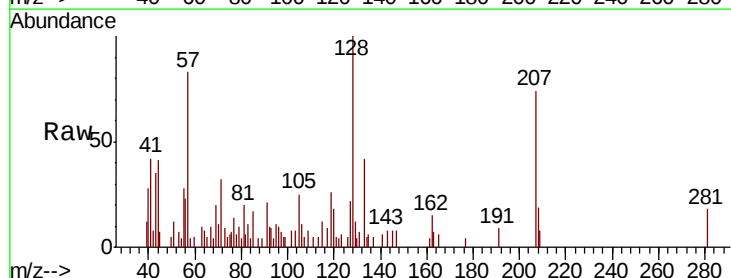
Tgt Ion:128 Resp: 6185

Ion Ratio Lower Upper

128 100

127 26.0 10.2 15.4#

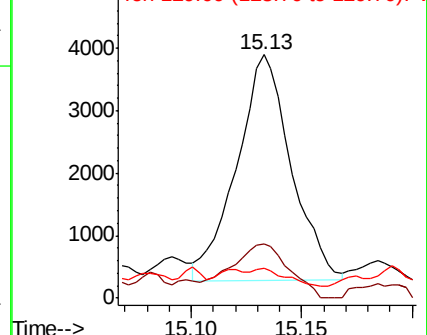
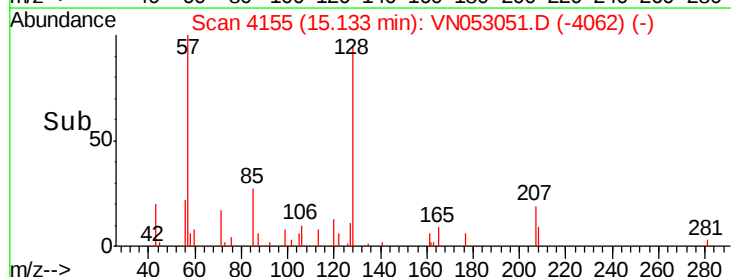
129 0.0 8.6 13.0#

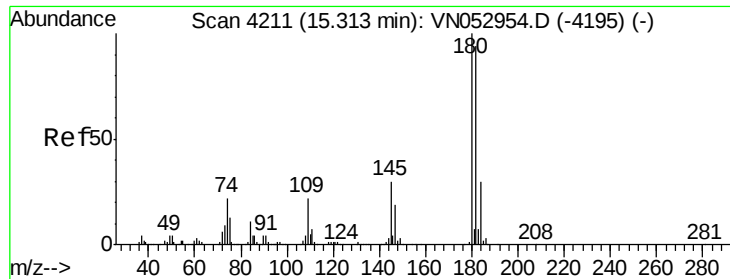


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.554 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. -0.00 min
 Lab File: VN053051.D
 Acq: 20 Dec 2018 12:47

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-3B(17-18FT)1218DL

Tot Ion	Ratio	Lower	Upper
180	100		
182	126.2	47.9	143.7
145	324.6	15.0	45.0#

