

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050319\
 Data File : VN055393.D
 Acq On : 3 May 2019 16:37
 Operator : JC/SP
 Sample : K2658-09DL 200X
 Misc : 5.65u/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)DL

Quant Time: May 03 23:23:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	465033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	817591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	761536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	284255	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	318935	52.42	ug/l	0.00
Spiked Amount			Recovery	=	104.84%	
35) Dibromofluoromethane	7.59	113	253862	47.31	ug/l	0.00
Spiked Amount			Recovery	=	94.62%	
50) Toluene-d8	10.09	98	1006872	51.96	ug/l	0.00
Spiked Amount			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.40	95	352453	58.20	ug/l	0.00
Spiked Amount			Recovery	=	116.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	564	0.298	ug/l #	45
18) Methyl Acetate	4.34	43	1536	Below Cal	#	61
31) Cyclohexane	7.67	56	10327	1.079	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	36380	4.645	ug/l #	50
38) Carbon Tetrachloride	7.67	117	41951	5.553	ug/l #	16
39) Methylcyclohexane	9.08	83	2846	0.342	ug/l	90
41) Methacrylonitrile	7.17	41	30	0.749	ug/l #	23
43) Isopropyl Acetate	8.22	43	4574	0.474	ug/l #	56
51) 4-Methyl-2-Pentanone	10.09	43	5488	1.011	ug/l #	1
55) 1,1,2-Trichloroethane	10.53	97	4016	0.816	ug/l #	19
56) Ethyl methacrylate	10.43	69	2171	0.359	ug/l #	8
59) 2-Hexanone	10.72	43	18031	5.307	ug/l #	32
67) Ethyl Benzene	11.51	91	57590	2.142	ug/l	97
68) m/p-Xylenes	11.62	106	82360	8.582	ug/l	100
69) o-Xylene	11.95	106	5896	0.620	ug/l	92
71) Bromoform	12.41	173	3011	0.931	ug/l #	1
73) Isopropylbenzene	12.25	105	102625	1.468	ug/l	100
74) N-amyl acetate	12.04	43	79482	10.895	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	12.45	83	4061	Below Cal	#	73
76) 1,2,3-Trichloropropane	12.40	75	182878	33.797	ug/l #	100
78) n-propylbenzene	12.59	91	271919	9.313	ug/l	99
79) 2-Chlorotoluene	12.65	91	72741	2.175	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.73	105	474768	21.305	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	182878	121.921	ug/l #	7
82) 4-Chlorotoluene	12.73	91	50916	2.999	ug/l #	44
83) tert-Butylbenzene	12.99	119	18831	Below Cal		98
84) 1,2,4-Trimethylbenzene	13.04	105	1418751	71.186	ug/l	100
85) sec-Butylbenzene	13.17	105	144580	5.969	ug/l #	78
86) p-Isopropyltoluene	13.29	119	121383	6.097	ug/l	99
89) n-Butylbenzene	13.61	91	104991	7.422	ug/l #	80
90) Hexachloroethane	13.89	117	16742	3.857	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.24	75	1101	1.472	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.90	180	68	3.328	ug/l #	1
95) Naphthalene	15.13	128	25350	6.323	ug/l	97

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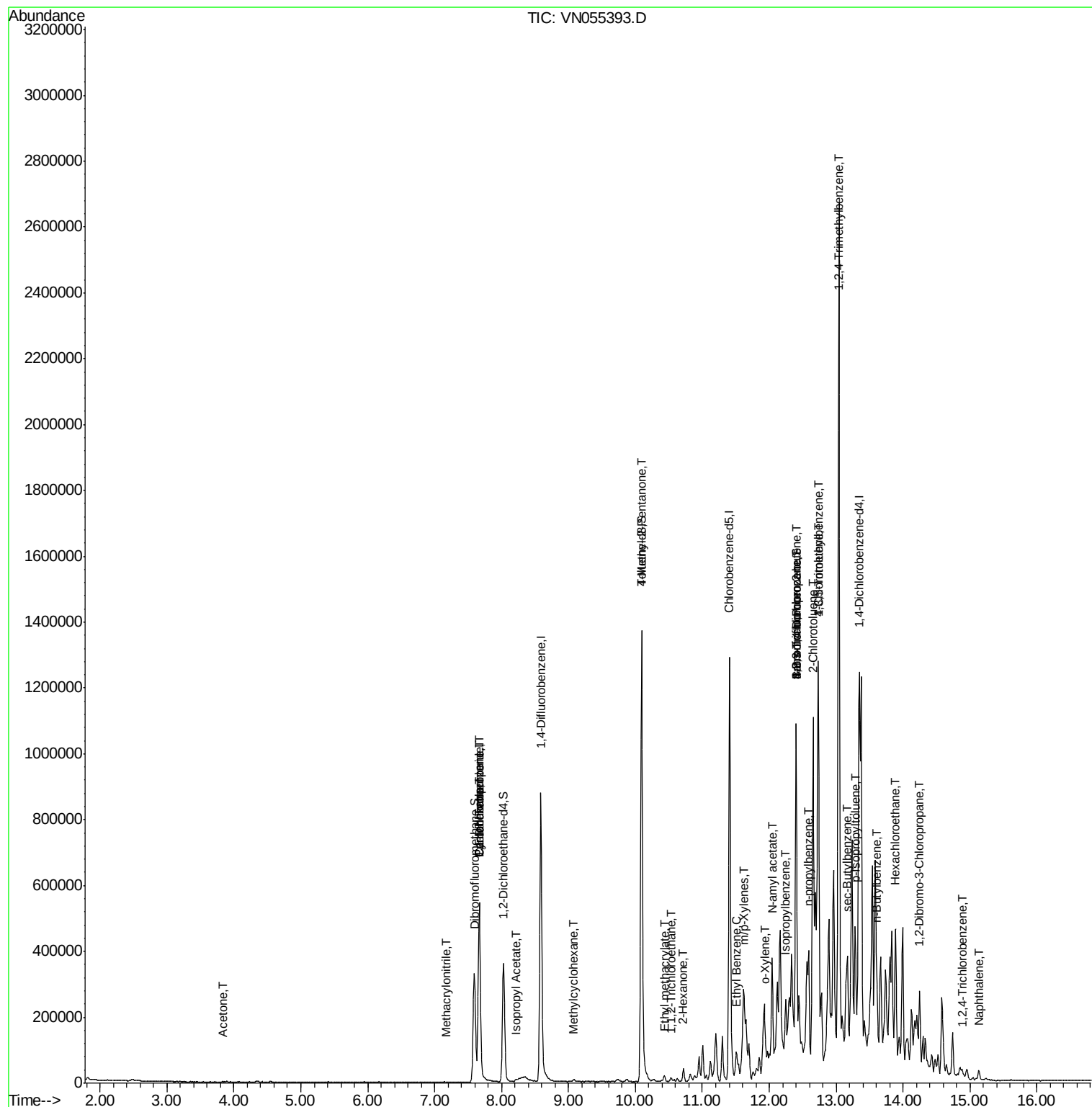
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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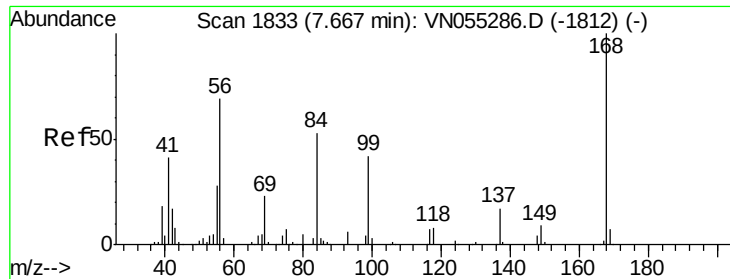
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055393.D

Acq: 3 May 2019 16:37

Instrument :

MSVOA_N

ClientSampleId :

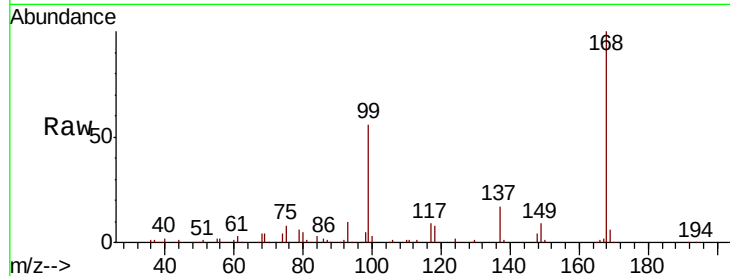
EP1-SB-E2-3(14-17)DL

Tot Ion:168 Resp: 465033

Ion Ratio Lower Upper

168 100

99 55.7 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055286.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055286.D (-1812) (-)

7.67

200000

150000

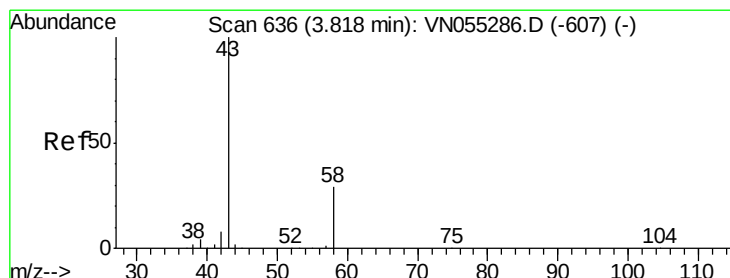
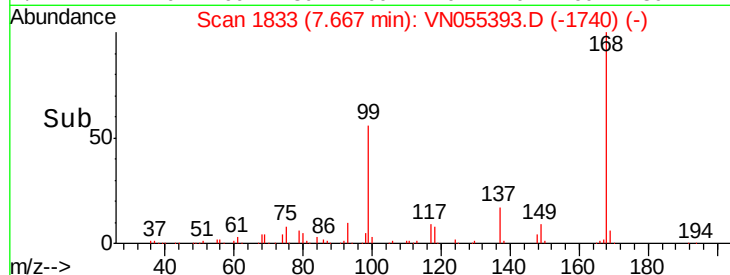
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 0.298 ug/l

RT: 3.83 min Scan# 641

Delta R.T. 0.02 min

Lab File: VN055393.D

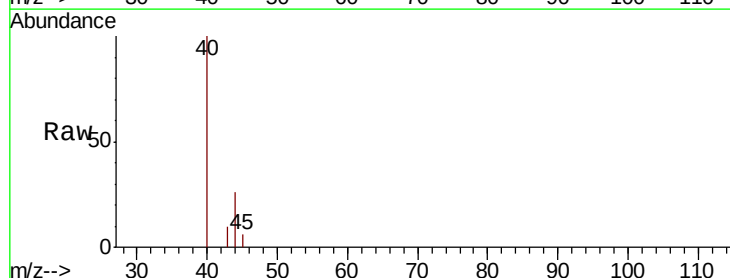
Acq: 3 May 2019 16:37

Tgt Ion: 43 Resp: 564

Ion Ratio Lower Upper

43 100

58 0.0 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-607) (-)

Ion 58.00 (57.70 to 58.70): VN055286.D (-607) (-)

3.83

300

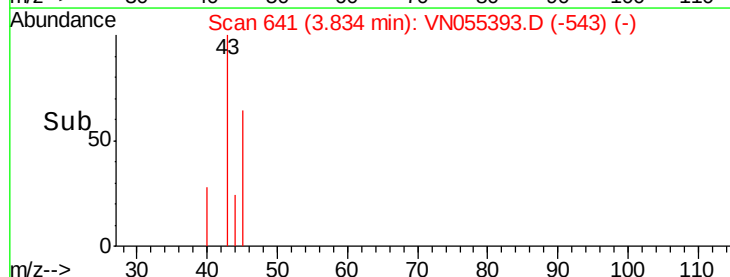
200

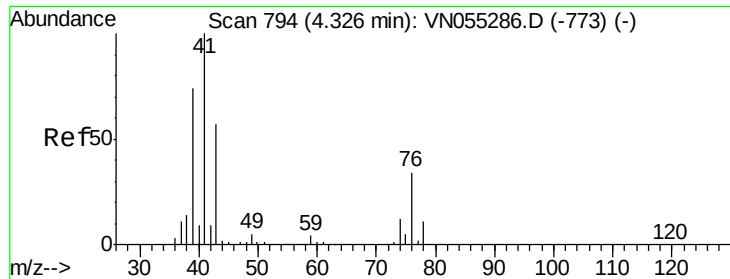
100

0

3.80 3.82 3.84 3.86

Time-->

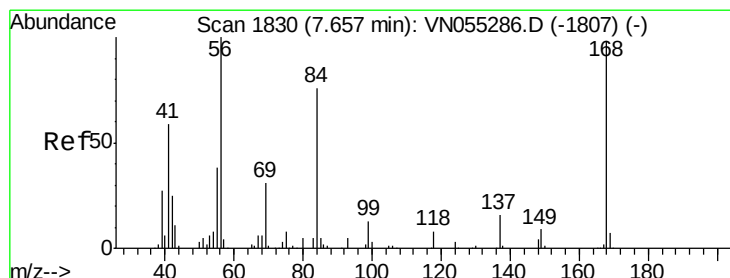
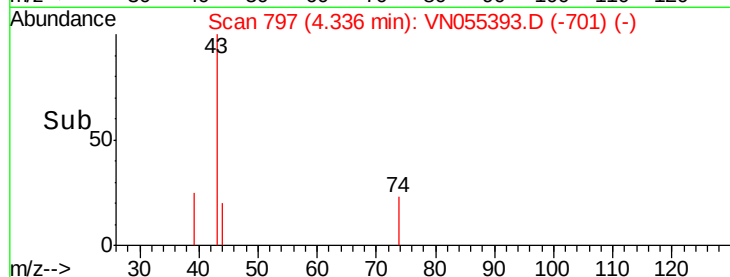
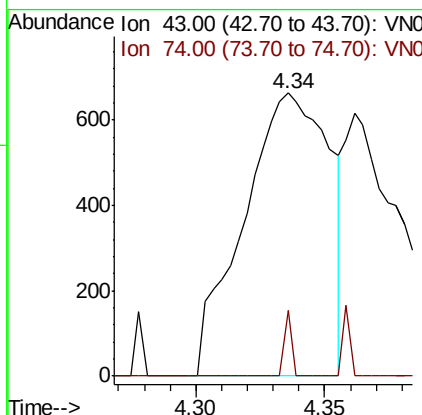
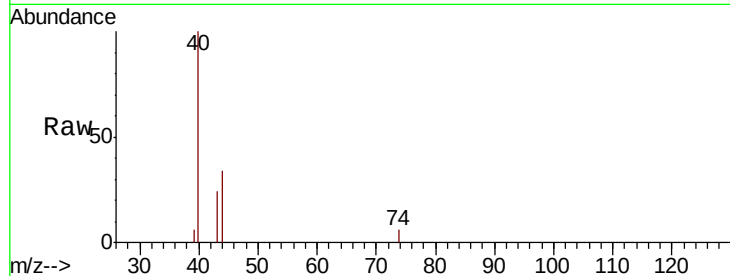




#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN055393.D
Acq: 3 May 2019 16:37

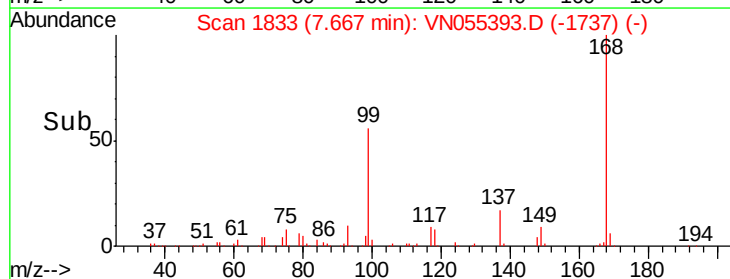
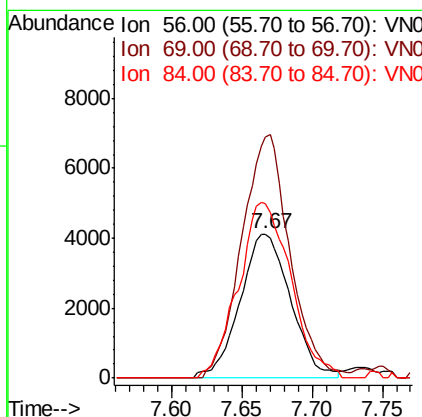
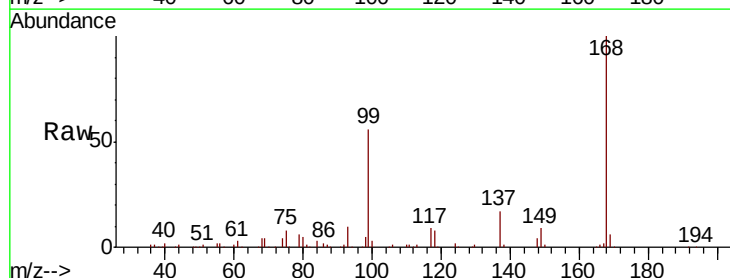
Instrument :
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EP1-SB-E2-3(14-17)DL

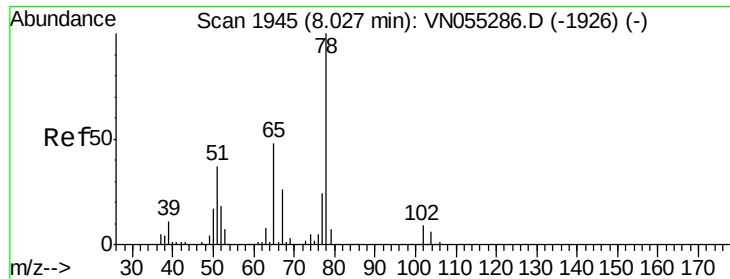
Tot Ion: 43 Resp: 1536
Ion Ratio Lower Upper
43 100
74 2.0 15.8 23.8#



#31
Cyclohexane
Concen: 1.079 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN055393.D
Acq: 3 May 2019 16:37

Tgt Ion: 56 Resp: 10327
Ion Ratio Lower Upper
56 100
69 167.3 25.2 37.8#
84 120.8 61.1 91.7#

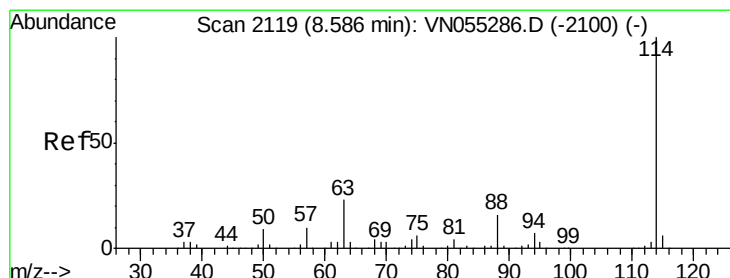
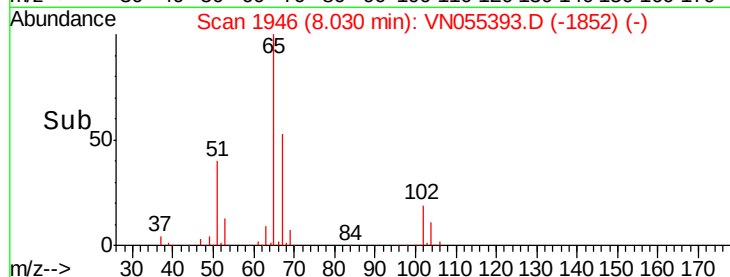
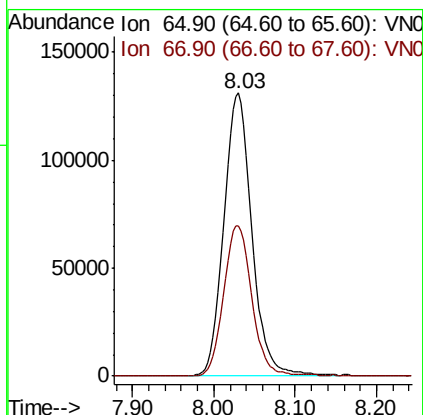
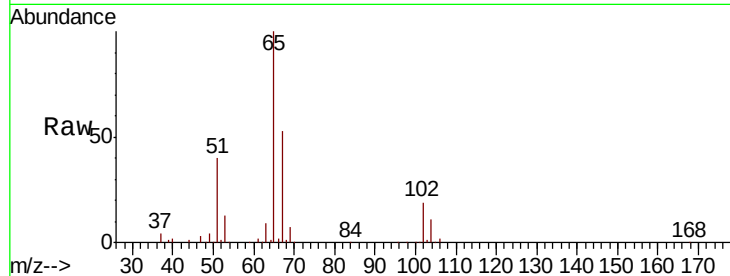




#33
 1,2-Dichloroethane-d4
 Concen: 52.425 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN055393.D
 Acq: 3 May 2019 16:37

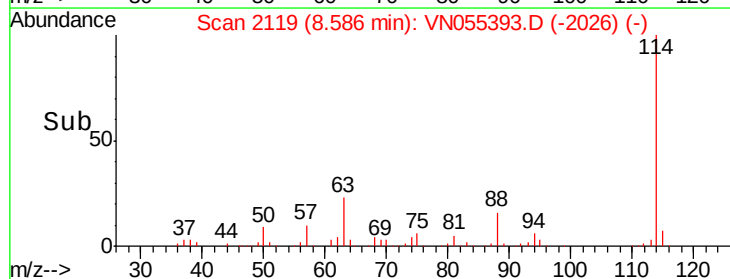
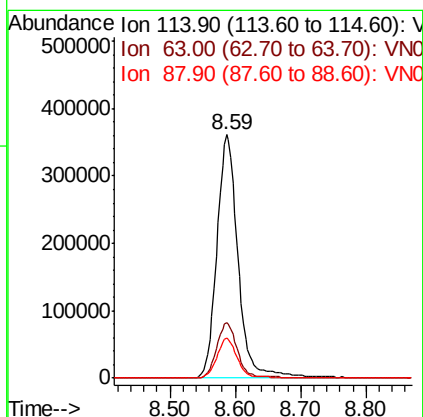
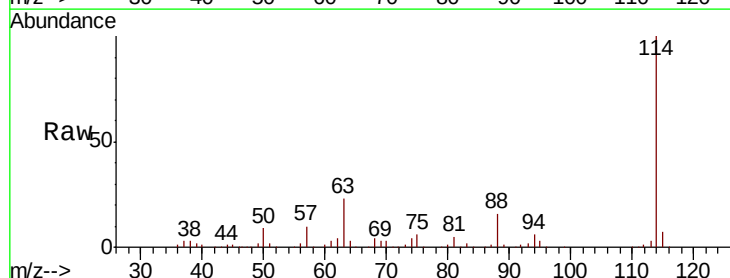
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)DL

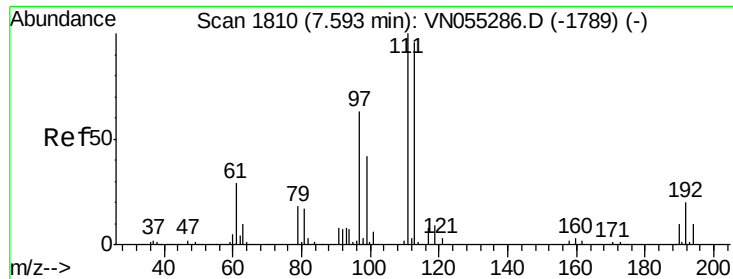
Tot Ion: 65 Resp: 318935
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055393.D
 Acq: 3 May 2019 16:37

Tgt Ion: 114 Resp: 817591
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.2
 88 16.5 0.0 31.6

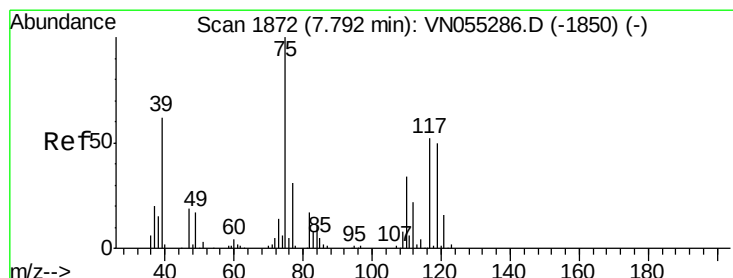
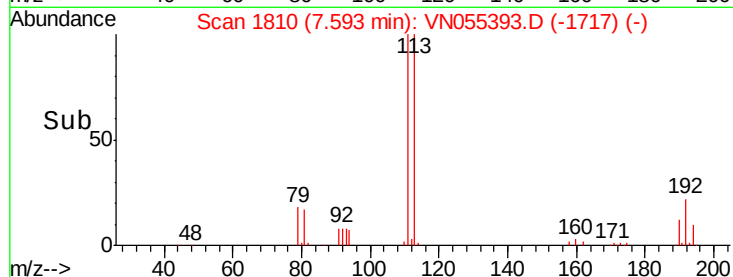
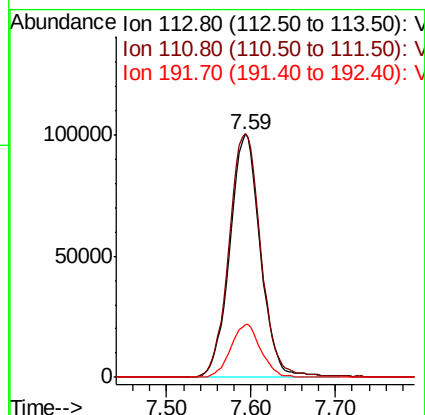
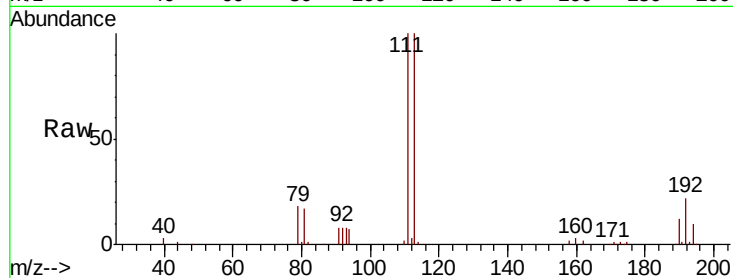




#35
 Dibromofluoromethane
 Concen: 47.306 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055393.D
 Acq: 3 May 2019 16:37

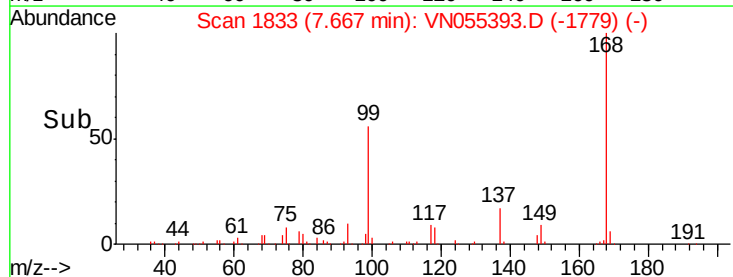
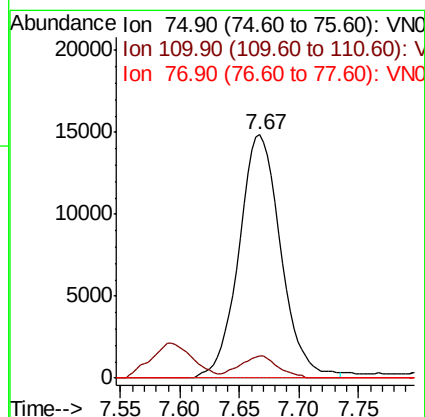
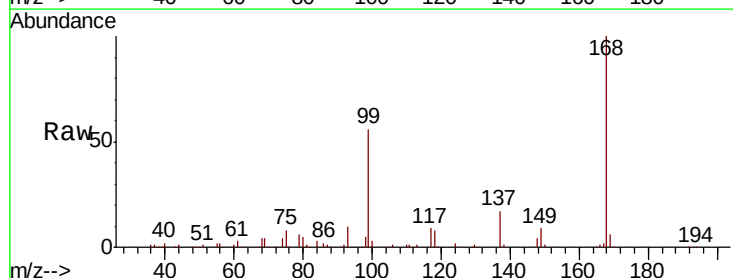
Instrument :
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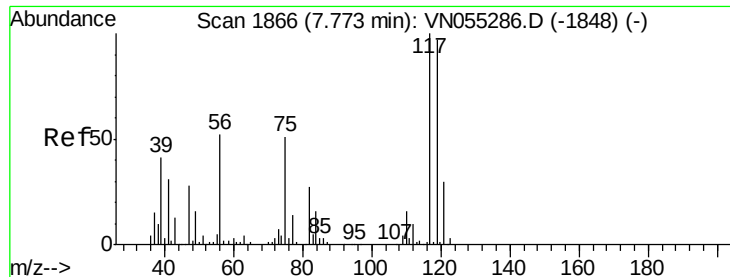
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.3	123.5
192	21.5	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 4.645 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN055393.D
 Acq: 3 May 2019 16:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	16.8	50.4#
77	0.0	25.0	37.6#





#38

Carbon Tetrachloride

Concen: 5.553 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.10 min

Lab File: VN055393.D

Acq: 3 May 2019 16:37

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)DL

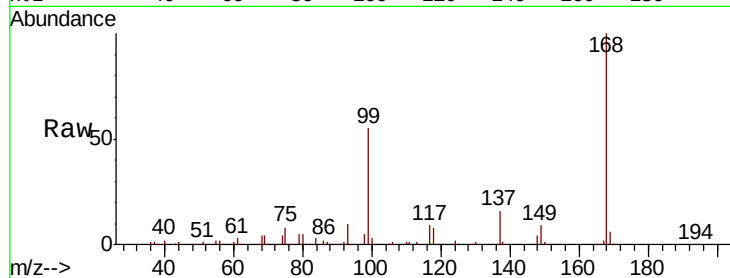
Tot Ion:117 Resp: 41951

Ion Ratio Lower Upper

117 100

119 5.1 77.0 115.6#

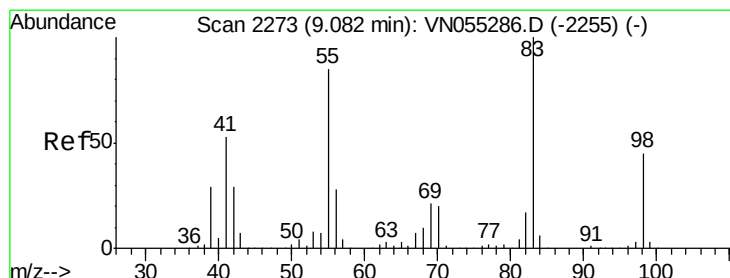
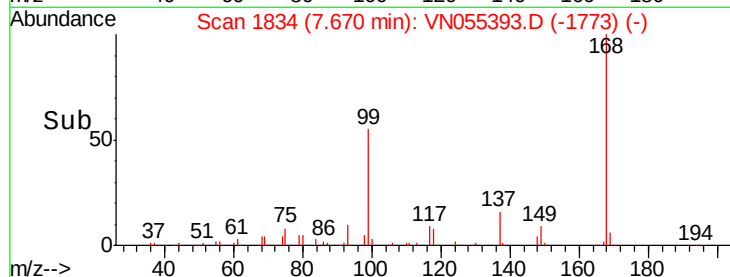
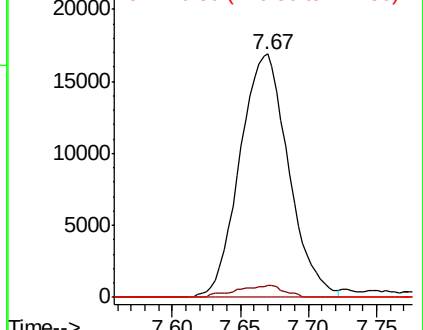
121 0.0 23.8 35.8#



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: 0.342 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN055393.D

Acq: 3 May 2019 16:37

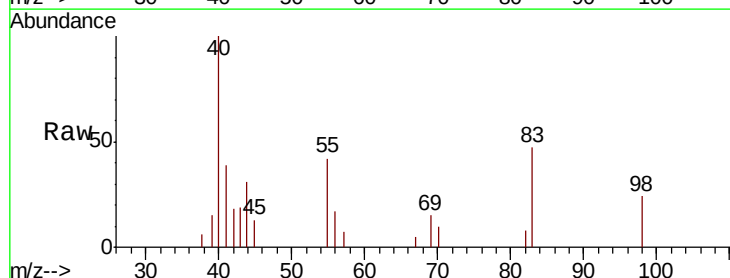
Tgt Ion: 83 Resp: 2846

Ion Ratio Lower Upper

83 100

55 75.1 67.8 101.6

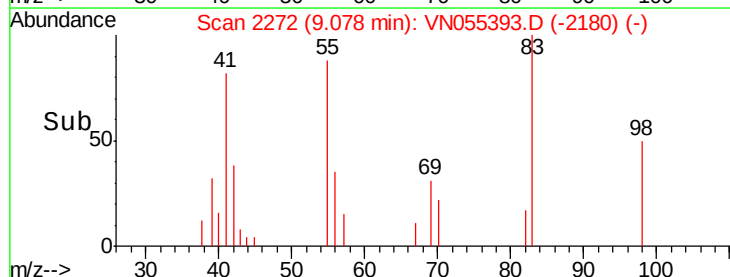
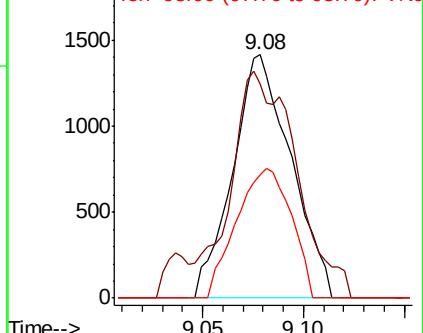
98 50.5 36.2 54.4

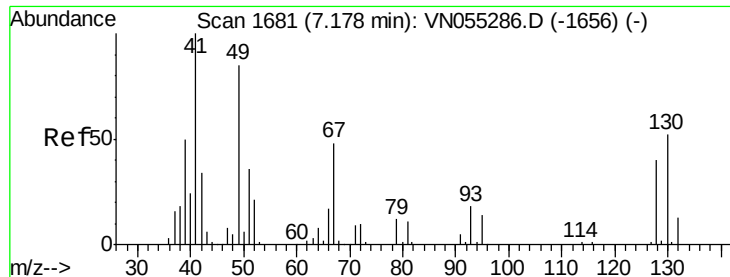


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

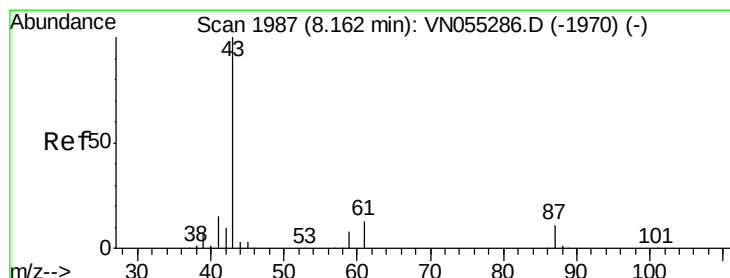
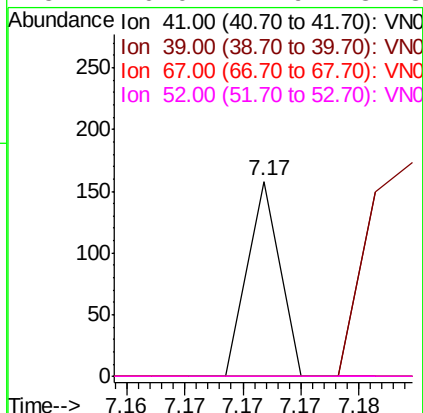
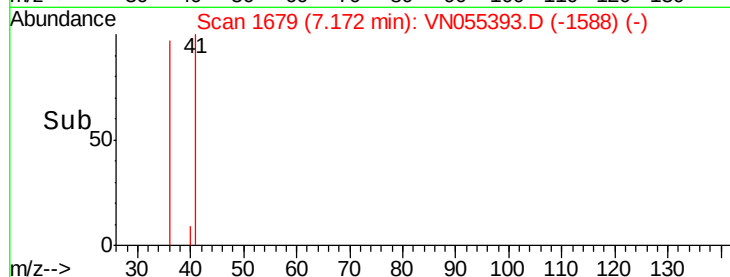
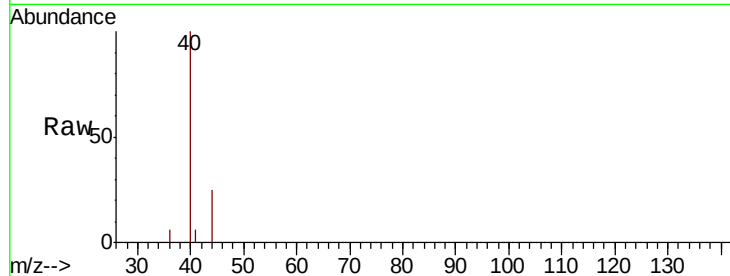




#41
Methacrylonitrile
Concen: 0.749 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.01 min
Lab File: VN055393.D
Acq: 3 May 2019 16:37

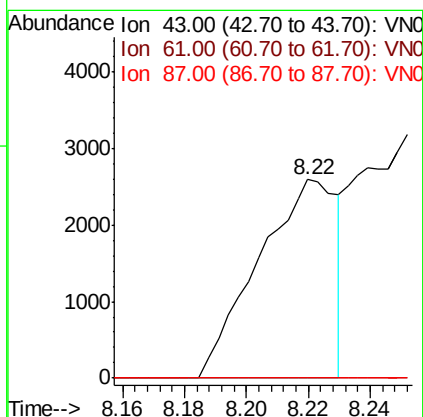
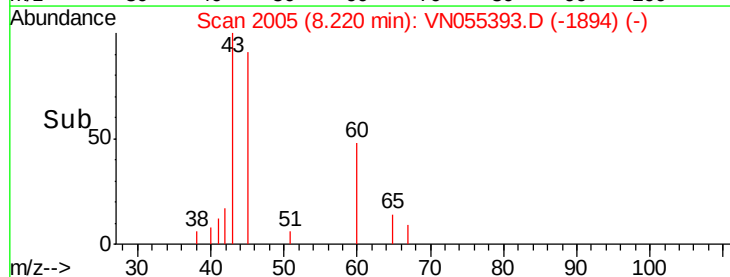
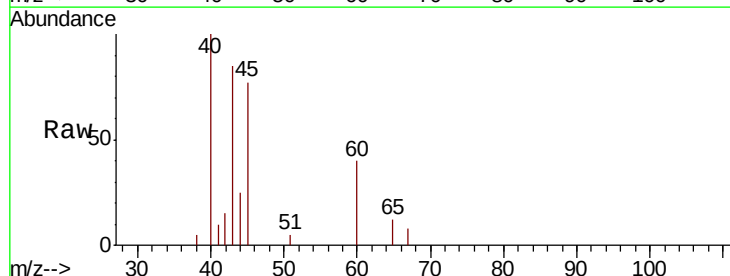
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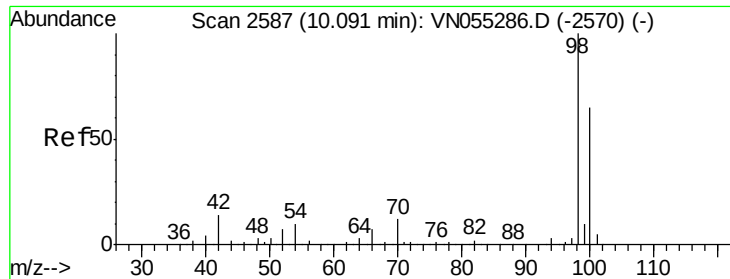
Tot Ion:	41	Resp:	30
Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.5	72.7#
67	0.0	54.9	82.3#
52	0.0	24.9	37.3#



#43
Isopropyl Acetate
Concen: 0.474 ug/l
RT: 8.22 min Scan# 2005
Delta R.T. 0.06 min
Lab File: VN055393.D
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Tgt Ion:	43	Resp:	4574
Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.8	31.2#
87	0.0	8.5	12.7#





#50

Toluene-d8

Concen: 51.961 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055393.D

Acq: 3 May 2019 16:37

Instrument :

MSVOA_N

ClientSampleId :

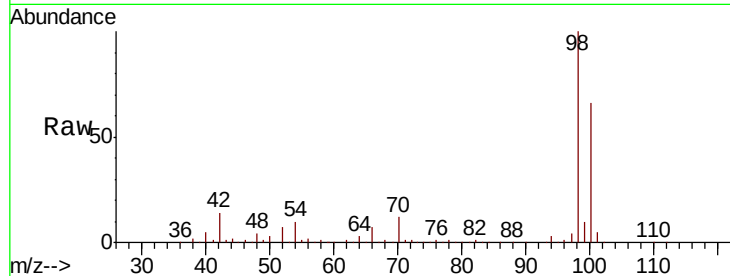
EP1-SB-E2-3(14-17)DL

Tot Ion: 98 Resp: 1006872

Ion Ratio Lower Upper

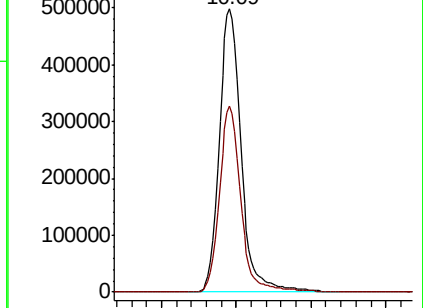
98 100

100 64.2 51.7 77.5

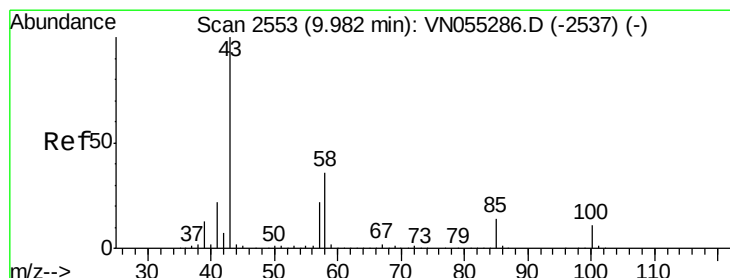
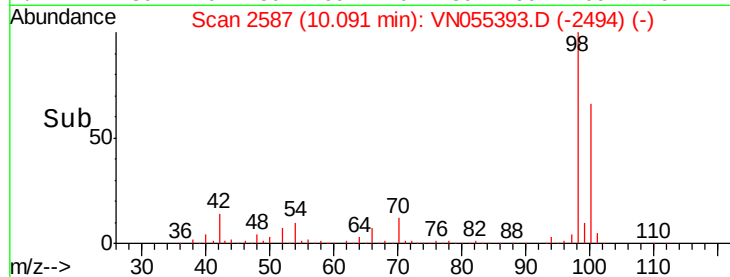


Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.011 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.11 min

Lab File: VN055393.D

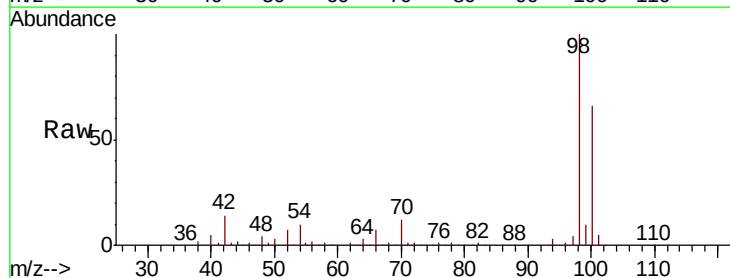
Acq: 3 May 2019 16:37

Tgt Ion: 43 Resp: 5488

Ion Ratio Lower Upper

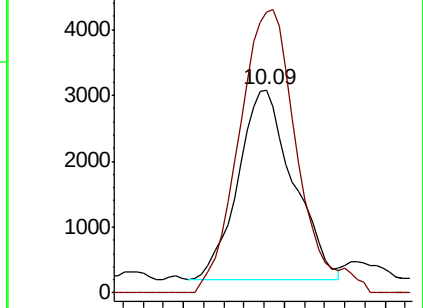
43 100

58 157.7 28.5 42.7#

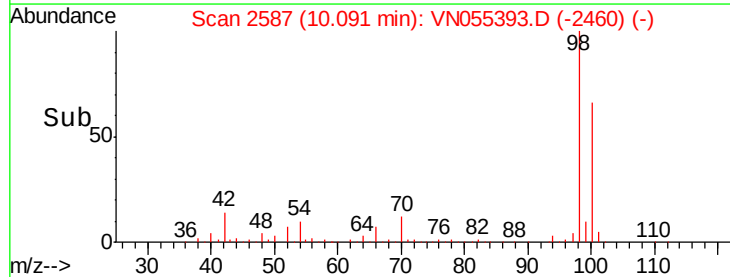


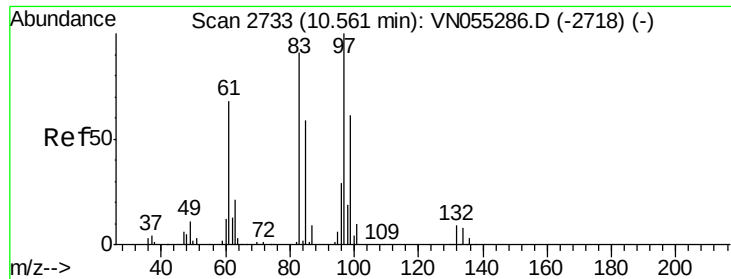
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->

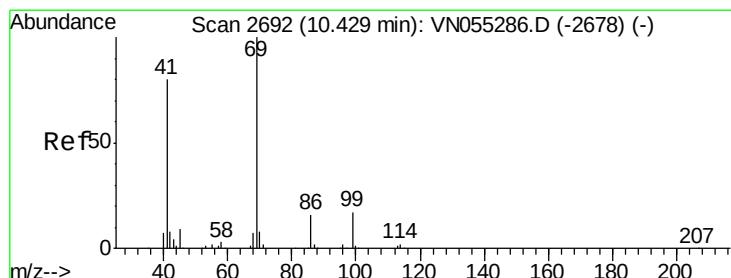
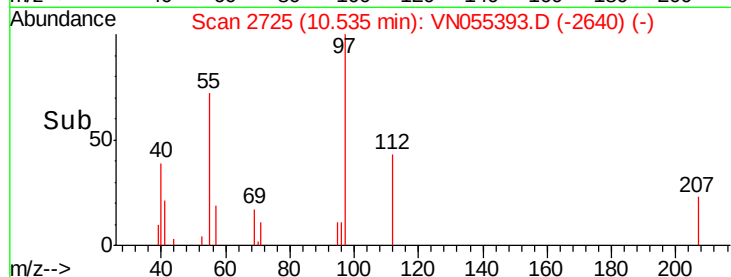
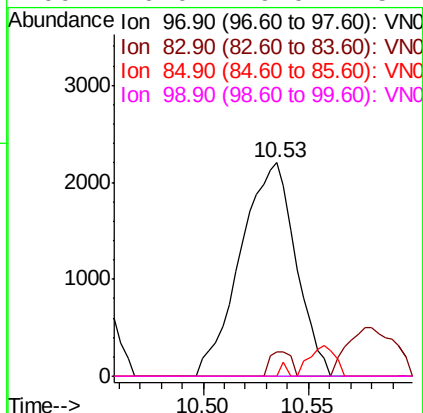
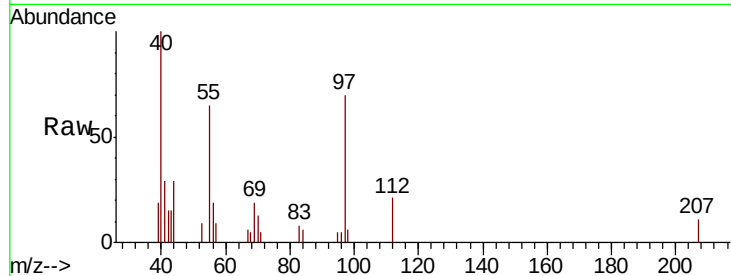




#55
 1,1,2-Trichloroethane
 Concen: 0.816 ug/l
 RT: 10.53 min Scan# 2725
 Delta R.T. -0.03 min
 Lab File: VN055393.D
 Acq: 3 May 2019 16:37

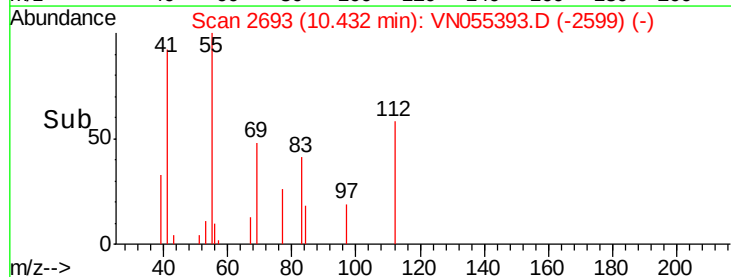
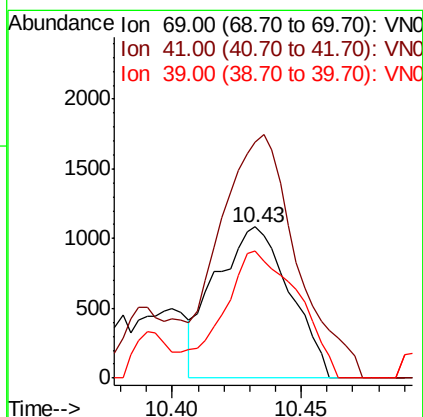
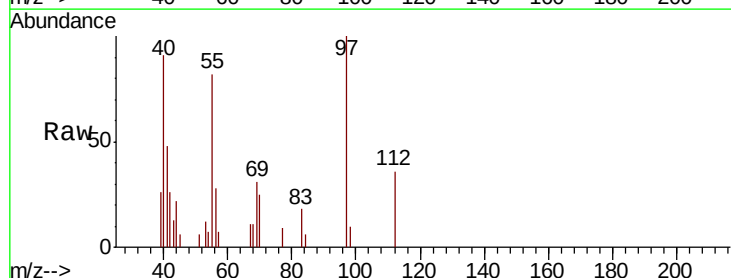
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)DL

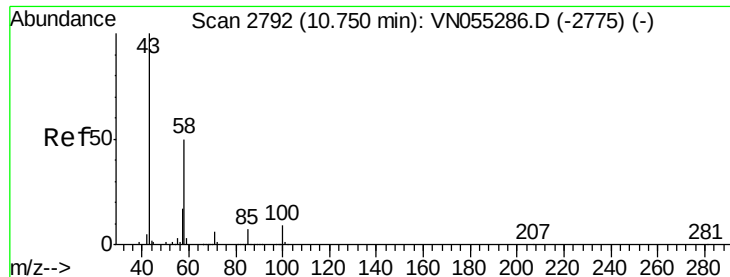
Tot Ion: 97 Resp: 4016
 Ion Ratio Lower Upper
 97 100
 83 11.3 72.8 109.2#
 85 0.0 47.0 70.6#
 99 0.0 49.0 73.4#



#56
 Ethyl methacrylate
 Concen: 0.359 ug/l
 RT: 10.43 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN055393.D
 Acq: 3 May 2019 16:37

Tgt Ion: 69 Resp: 2171
 Ion Ratio Lower Upper
 69 100
 41 166.1 62.7 94.1#
 39 86.0 32.0 48.0#





#59

2-Hexanone

Concen: 5.307 ug/l

RT: 10.72 min Scan# 2783

Delta R.T. -0.03 min

Lab File: VN055393.D

Acq: 3 May 2019 16:37

Instrument :

MSVOA_N

ClientSampleId :

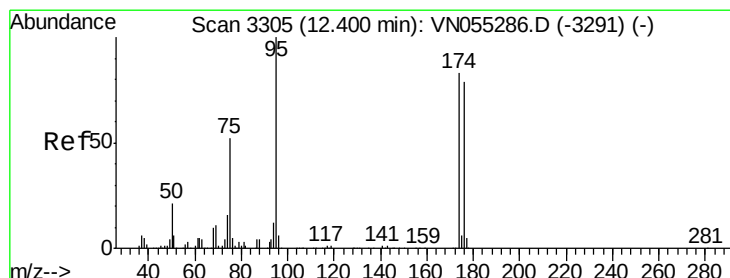
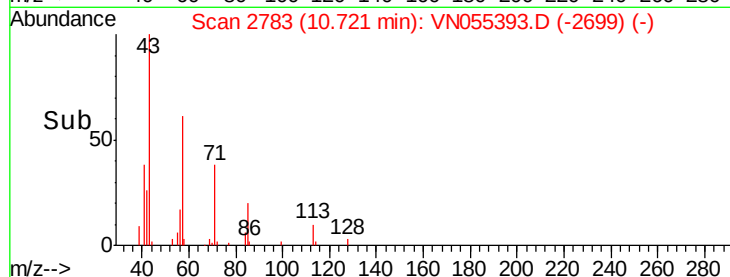
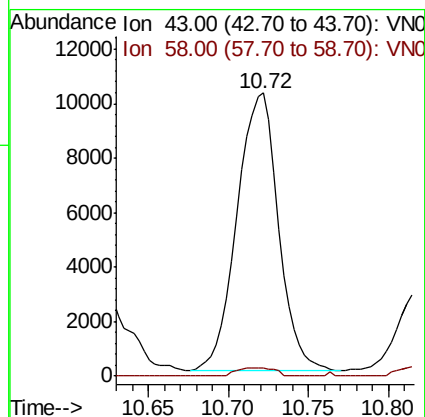
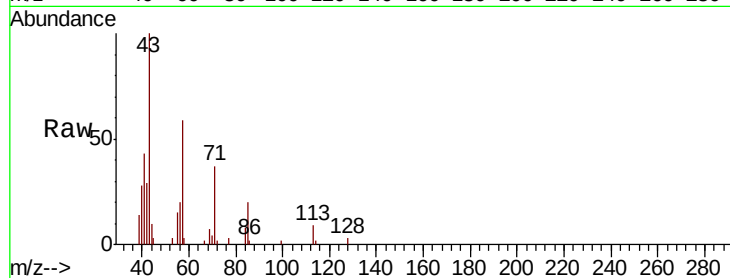
EP1-SB-E2-3(14-17)DL

Tot Ion: 43 Resp: 18031

Ion Ratio Lower Upper

43 100

58 2.8 24.9 74.6#



#62

4-Bromofluorobenzene

Concen: 58.198 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055393.D

Acq: 3 May 2019 16:37

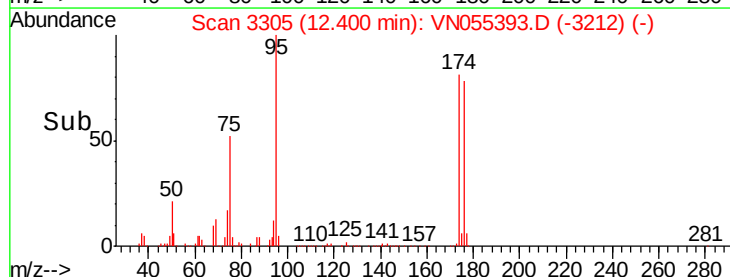
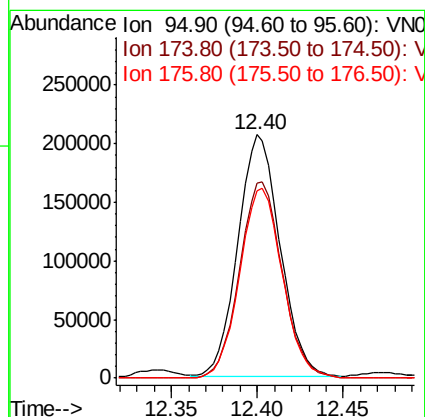
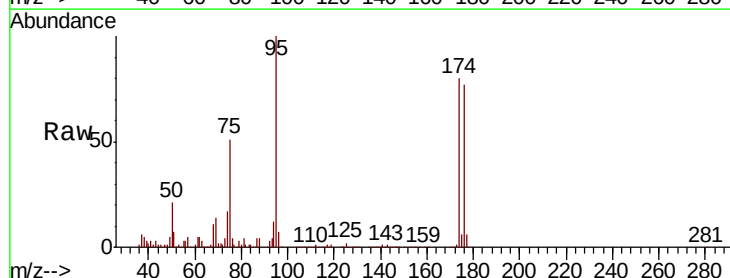
Tgt Ion: 95 Resp: 352453

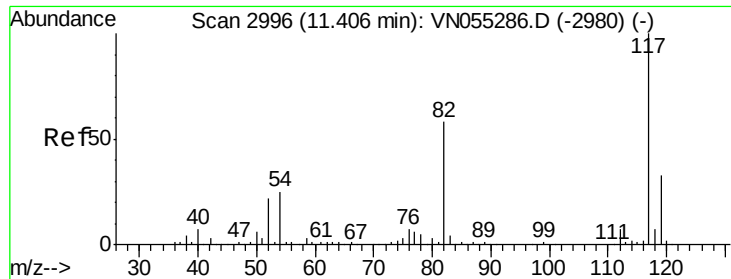
Ion Ratio Lower Upper

95 100

174 82.4 0.0 166.6

176 79.5 0.0 157.8

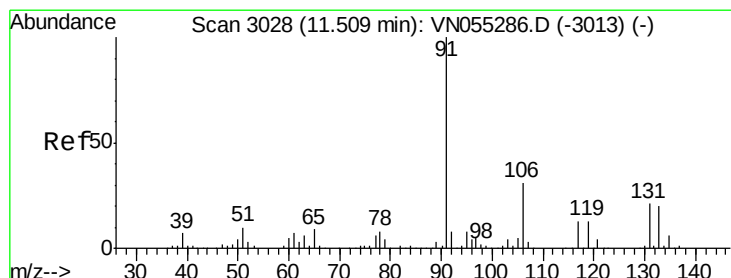
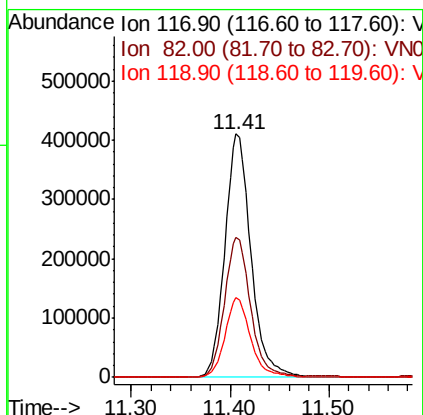
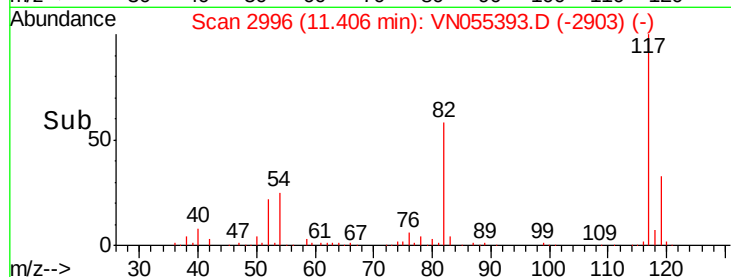
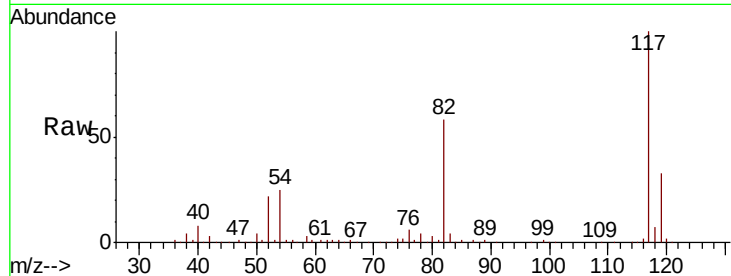




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055393.D
Acq: 3 May 2019 16:37

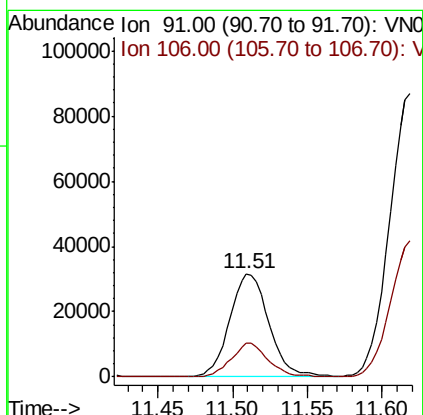
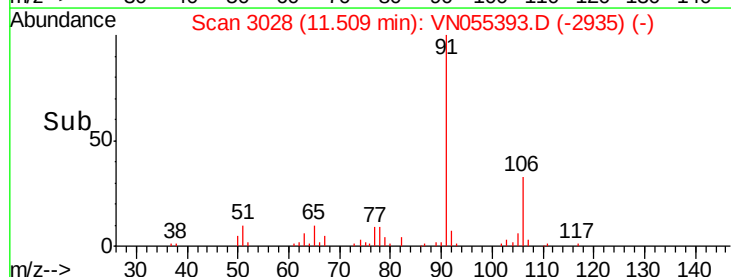
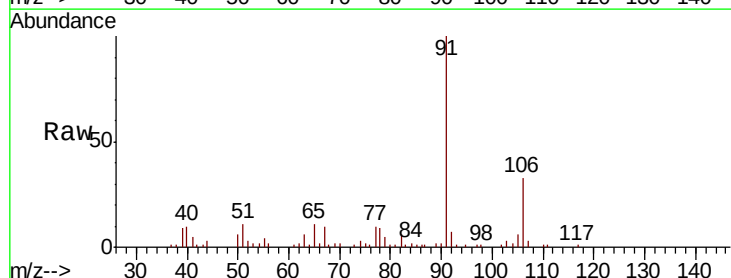
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)DL

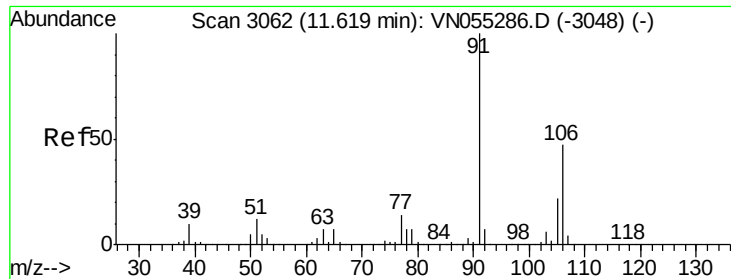
Tot Ion:117 Resp: 761536
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 32.6 26.6 40.0



#67
Ethyl Benzene
Concen: 2.142 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055393.D
Acq: 3 May 2019 16:37

Tgt Ion: 91 Resp: 57590
Ion Ratio Lower Upper
91 100
106 32.5 24.6 36.8

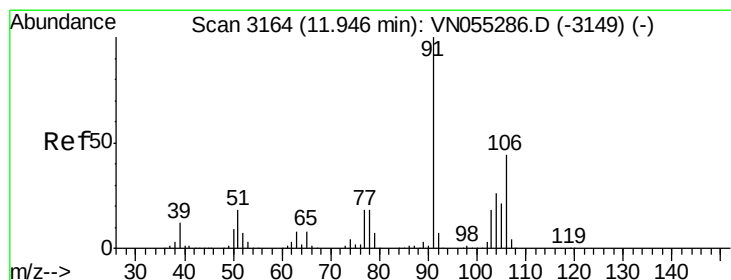
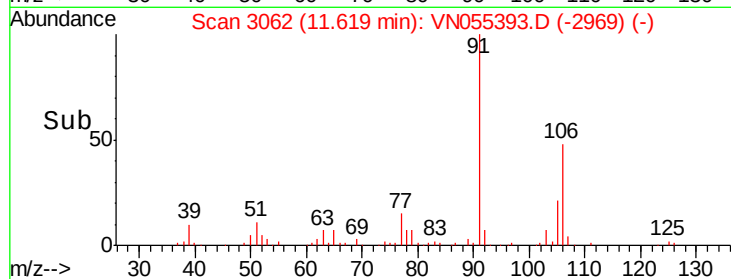
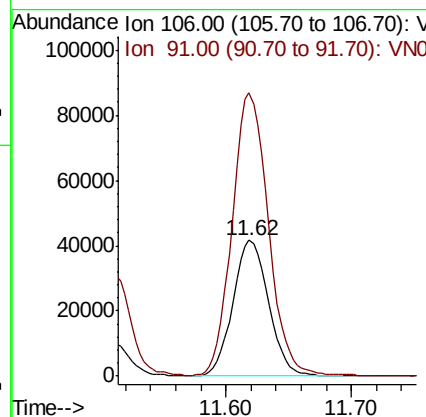
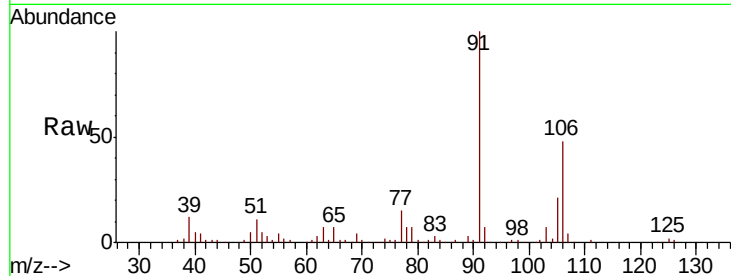




#68
m/p-Xylenes
Concen: 8.582 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055393.D
Acq: 3 May 2019 16:37

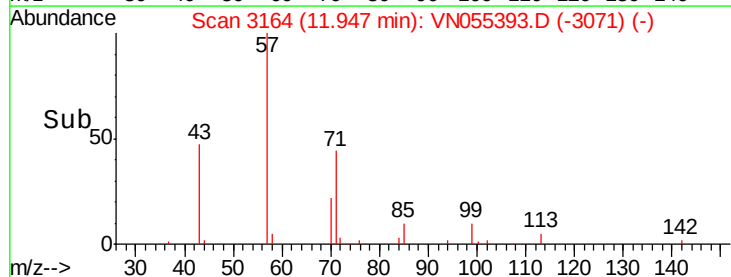
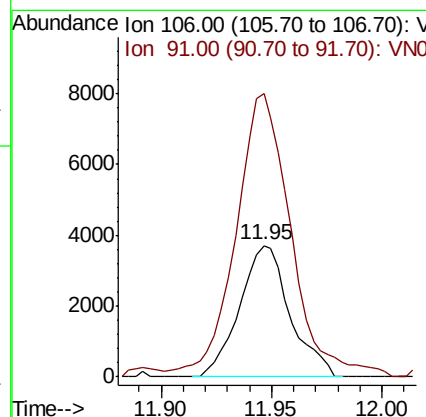
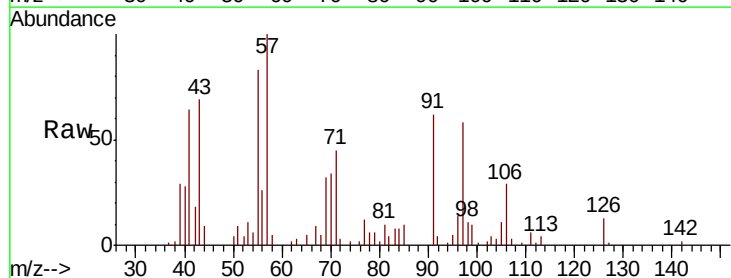
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)DL

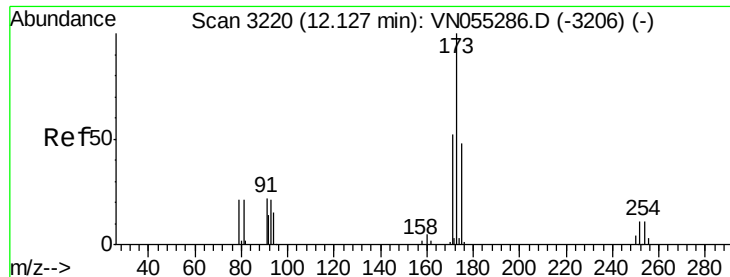
Tot Ion:106 Resp: 82360
Ion Ratio Lower Upper
106 100
91 212.7 169.5 254.3



#69
o-Xylene
Concen: 0.620 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055393.D
Acq: 3 May 2019 16:37

Tgt Ion:106 Resp: 5896
Ion Ratio Lower Upper
106 100
91 236.3 111.5 334.5





#71

Bromoform

Concen: 0.931 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN055393.D

Acq: 3 May 2019 16:37

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)DL

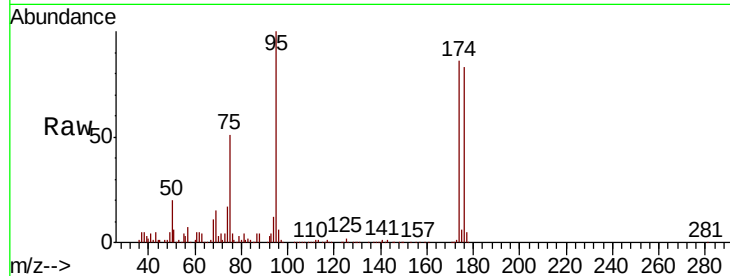
Tot Ion:173 Resp: 3011

Ion Ratio Lower Upper

173 100

175 624.0 23.6 71.0#

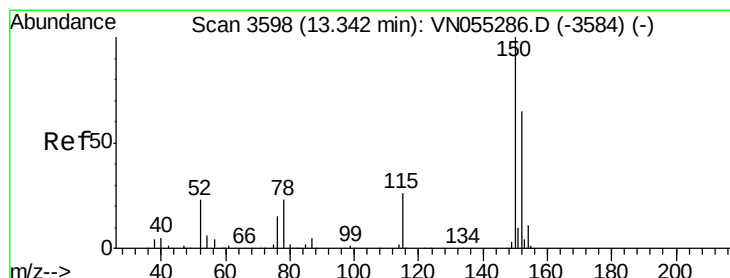
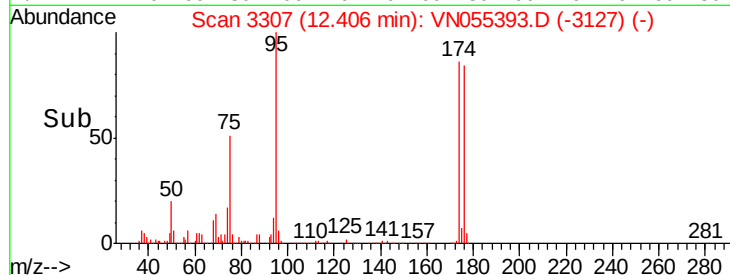
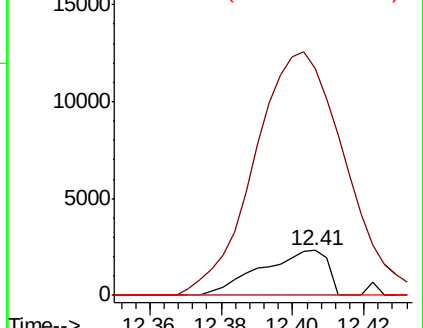
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055393.D

Acq: 3 May 2019 16:37

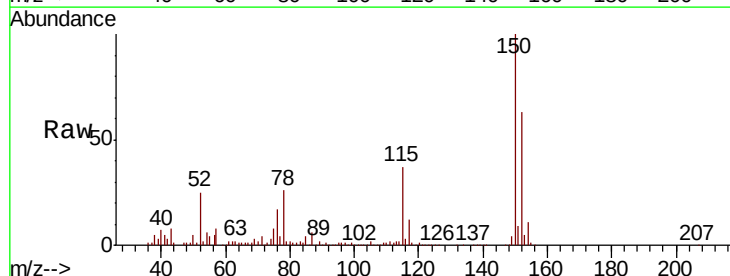
Tgt Ion:152 Resp: 284255

Ion Ratio Lower Upper

152 100

115 66.3 29.0 87.0

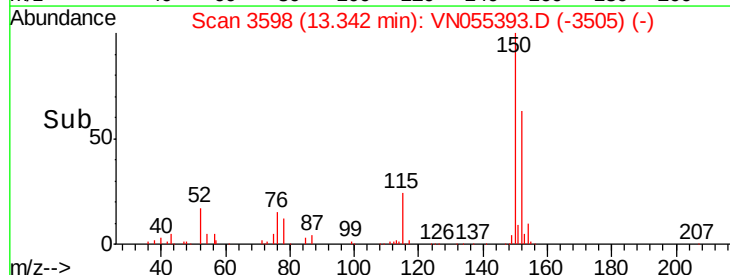
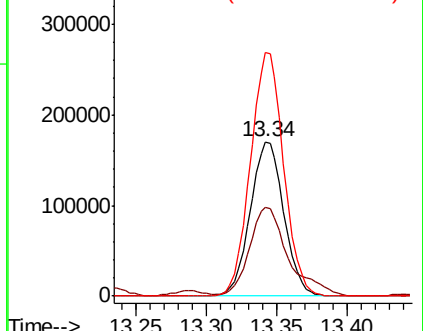
150 155.8 0.0 345.6

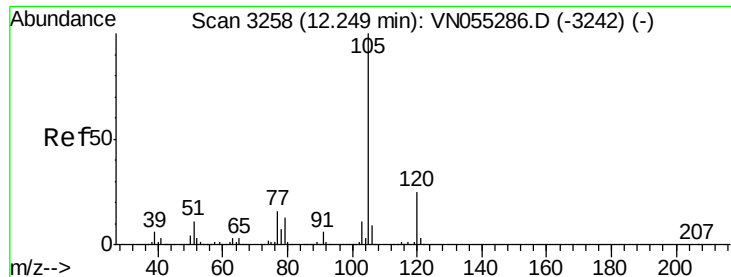


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.468 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055393.D

Acq: 3 May 2019 16:37

Instrument :

MSVOA_N

ClientSampleId :

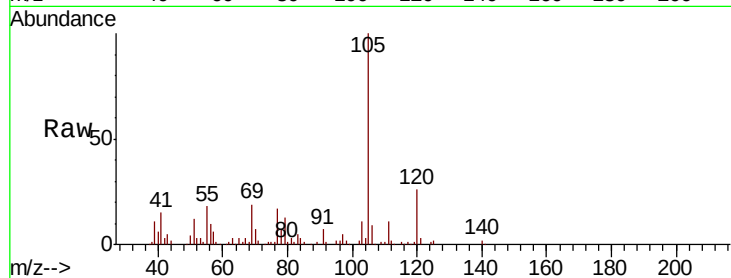
EP1-SB-E2-3(14-17)DL

Tot Ion:105 Resp: 102625

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

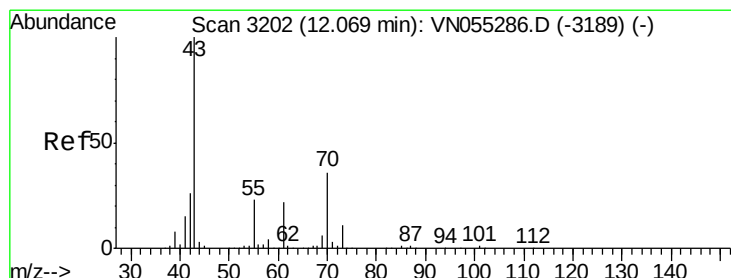
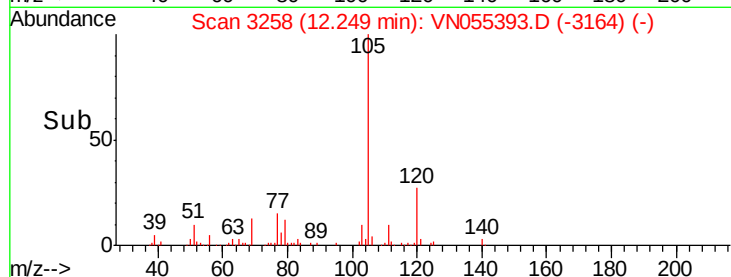
60000

40000

20000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 10.895 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN055393.D

Acq: 3 May 2019 16:37

Tgt Ion: 43 Resp: 79482

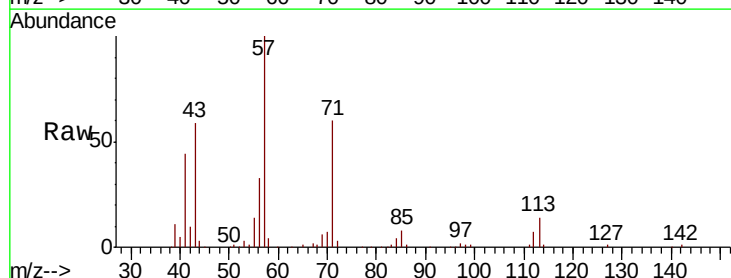
Ion Ratio Lower Upper

43 100

70 10.3 27.9 41.9#

55 16.2 18.2 27.2#

61 0.0 16.9 25.3#



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

12.04

80000

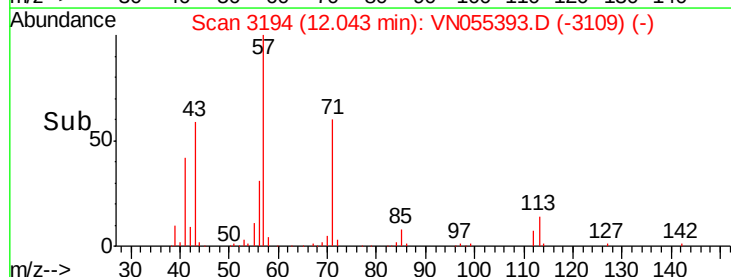
60000

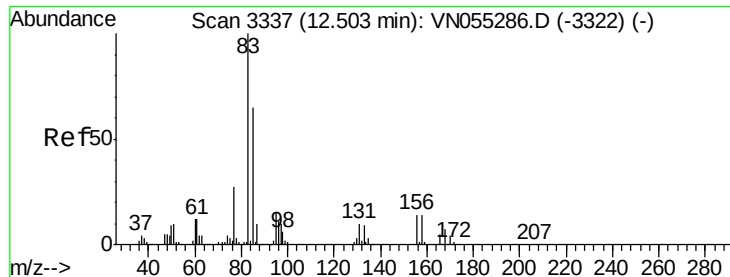
40000

20000

0

Time--> 12.00 12.05





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.45 min Scan# 3321

Delta R.T. -0.05 min

Lab File: VN055393.D

Acq: 3 May 2019 16:37

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)DL

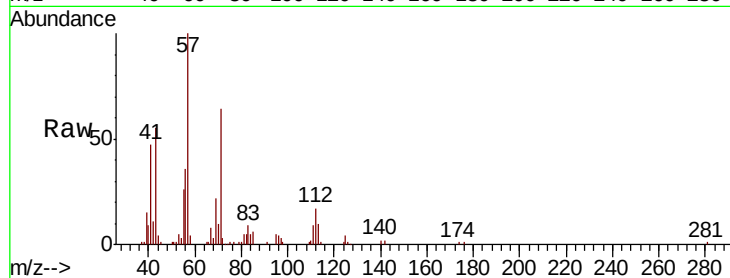
Tot Ion: 83 Resp: 4061

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.2#

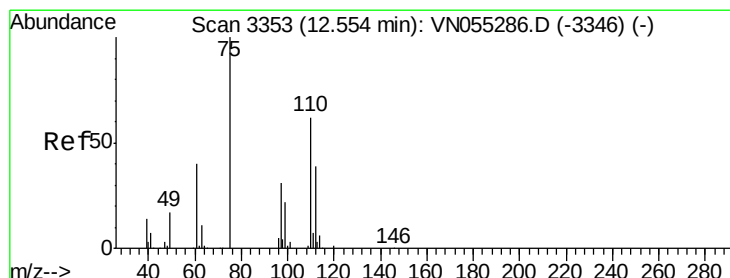
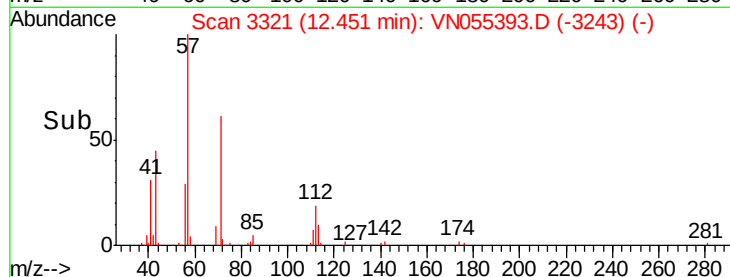
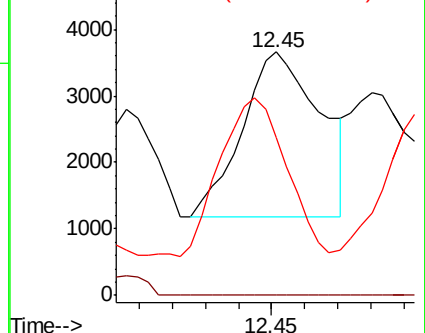
85 85.7 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 33.797 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055393.D

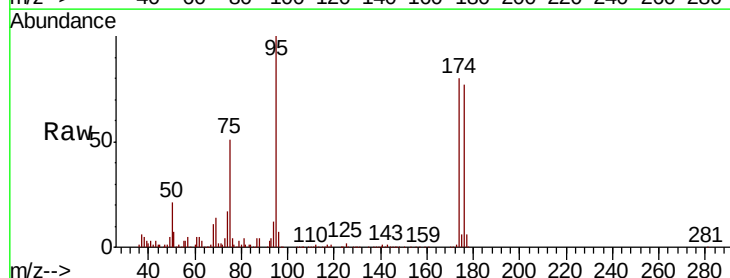
Acq: 3 May 2019 16:37

Tgt Ion: 75 Resp: 182878

Ion Ratio Lower Upper

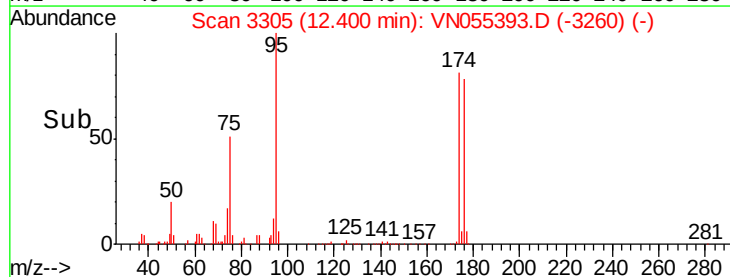
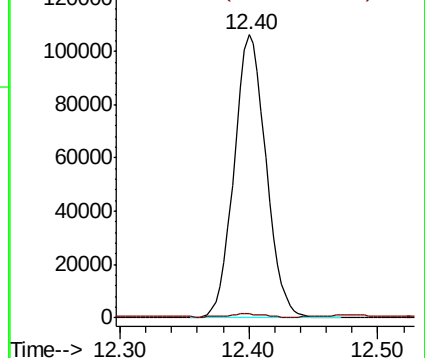
75 100

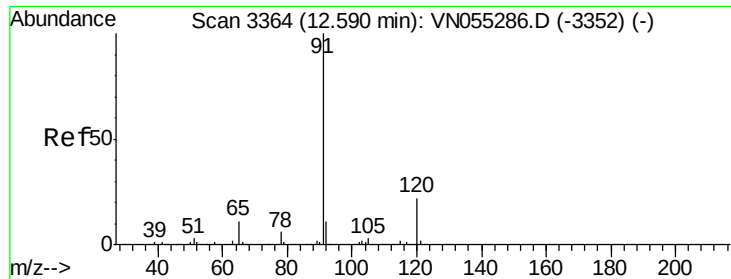
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 9.313 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055393.D

Acq: 3 May 2019 16:37

Instrument :

MSVOA_N

ClientSampleId :

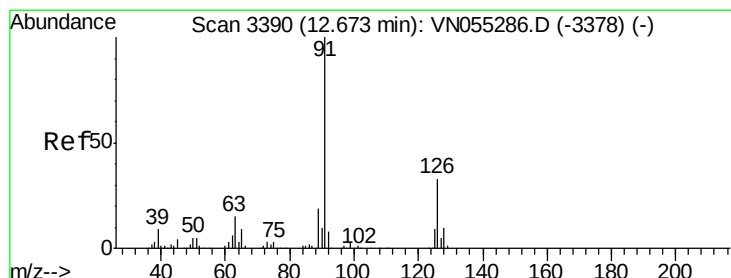
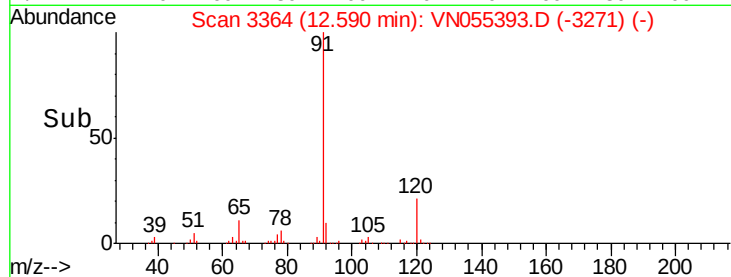
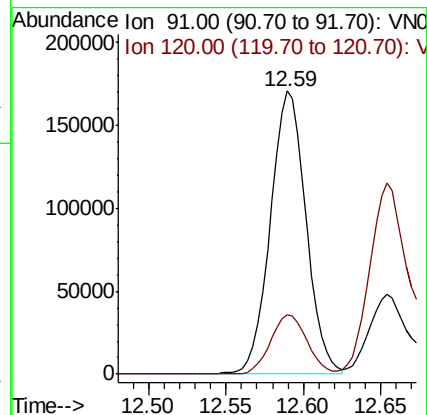
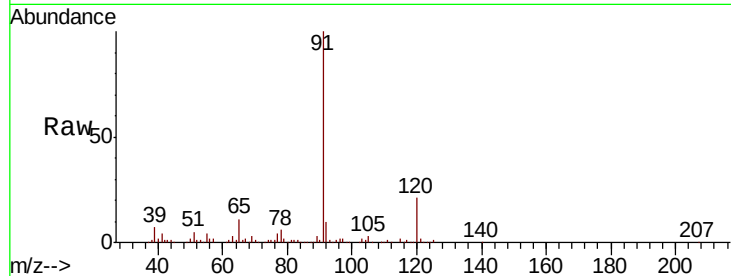
EP1-SB-E2-3(14-17)DL

Tot Ion: 91 Resp: 271919

Ion Ratio Lower Upper

91 100

120 21.6 11.0 33.0



#79

2-Chlorotoluene

Concen: 2.175 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN055393.D

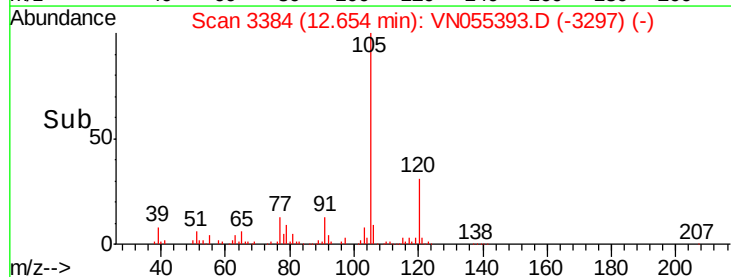
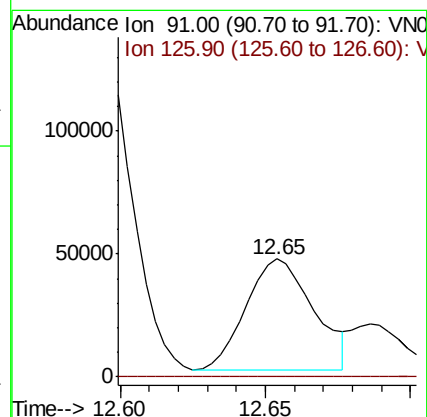
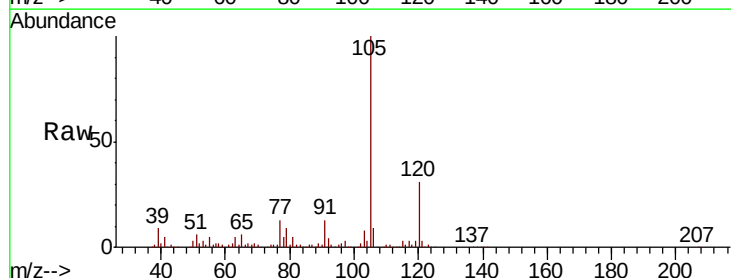
Acq: 3 May 2019 16:37

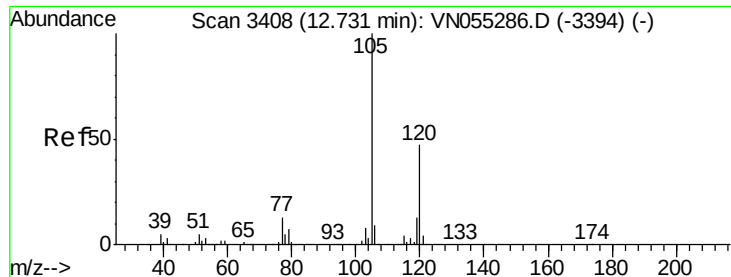
Tgt Ion: 91 Resp: 72741

Ion Ratio Lower Upper

91 100

126 0.0 16.6 49.7#





#80

1,3,5-Trimethylbenzene

Concen: 21.305 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055393.D

Acq: 3 May 2019 16:37

Instrument :

MSVOA_N

ClientSampleId :

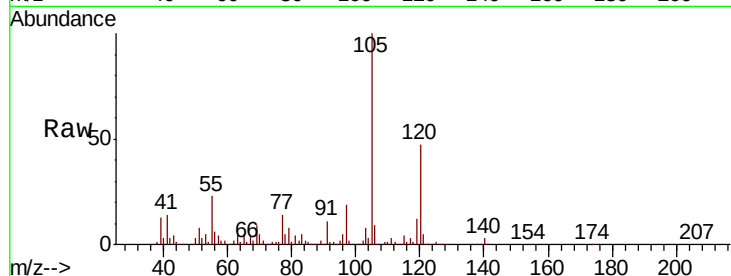
EP1-SB-E2-3(14-17)DL

Tot Ion:105 Resp: 474768

Ion Ratio Lower Upper

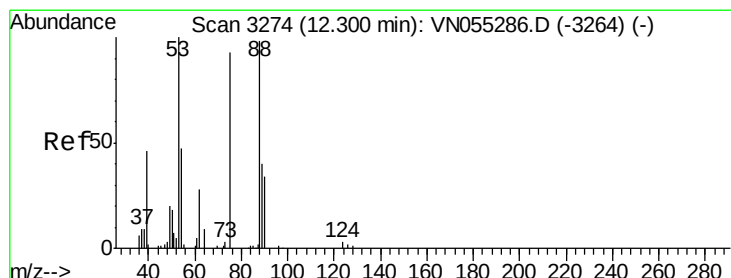
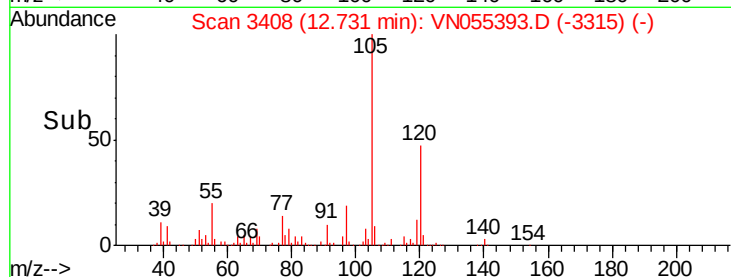
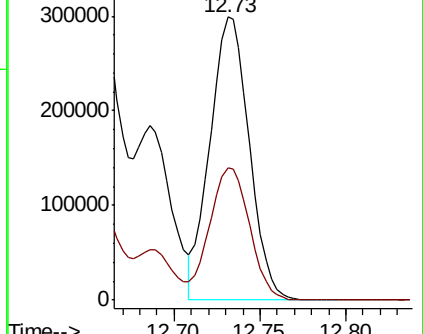
105 100

120 48.6 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 121.921 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055393.D

Acq: 3 May 2019 16:37

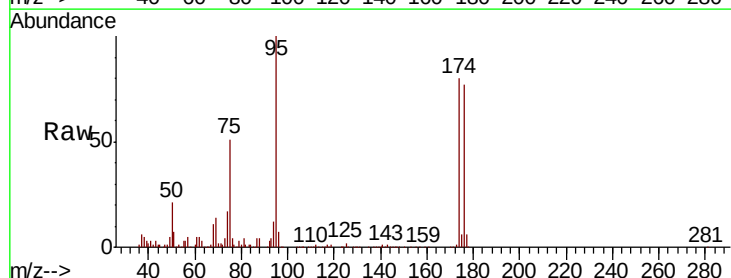
Tgt Ion: 75 Resp: 182878

Ion Ratio Lower Upper

75 100

53 0.4 86.3 129.5#

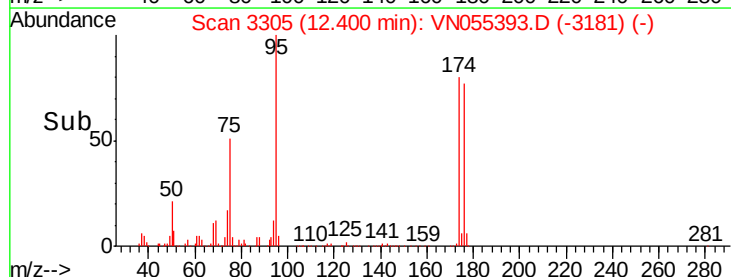
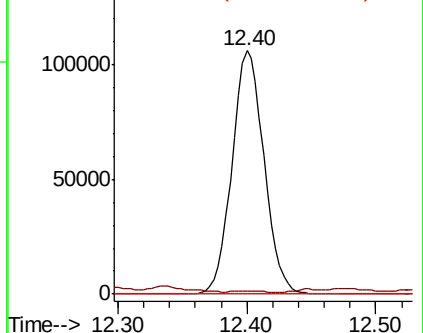
89 0.0 34.6 51.8#

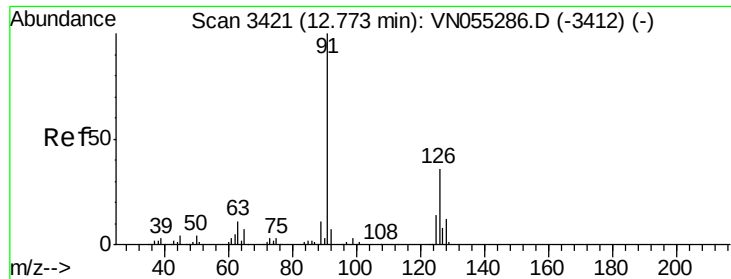


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 2.999 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN055393.D

Acq: 3 May 2019 16:37

Instrument :

MSVOA_N

ClientSampleId :

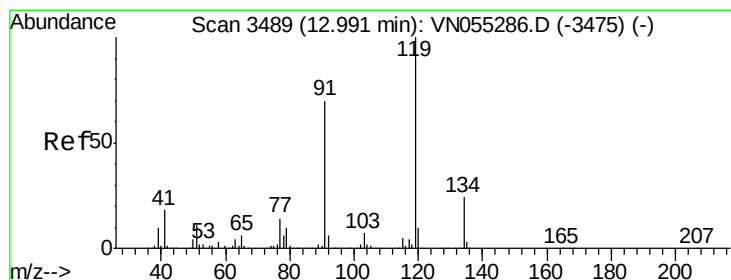
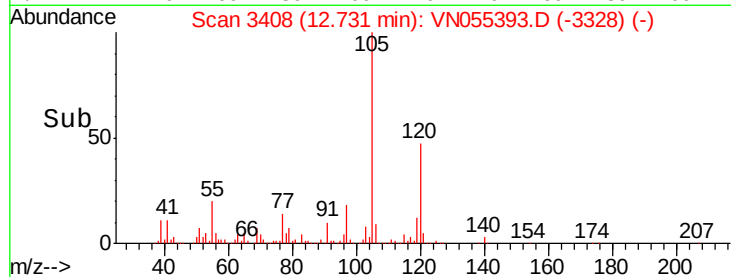
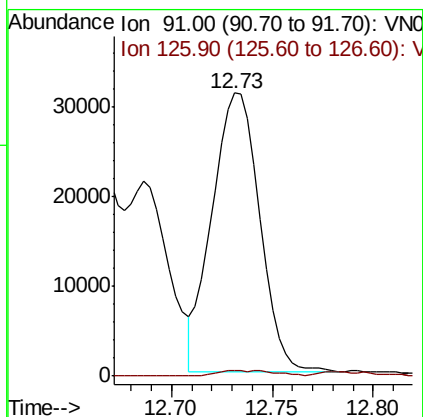
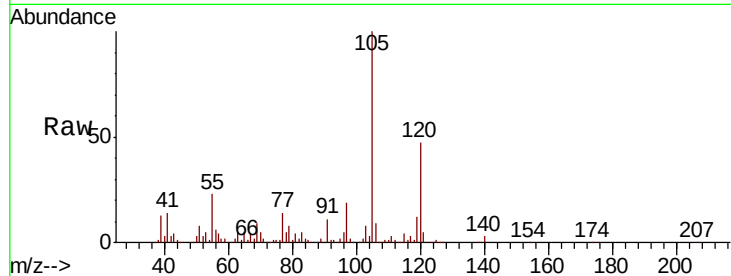
EP1-SB-E2-3(14-17)DL

Tot Ion: 91 Resp: 50916

Ion Ratio Lower Upper

91 100

126 1.3 16.6 49.7#



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN055393.D

Acq: 3 May 2019 16:37

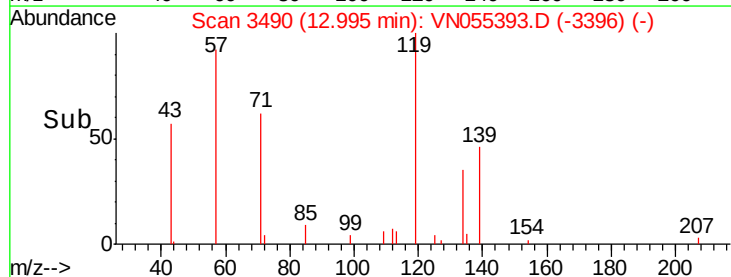
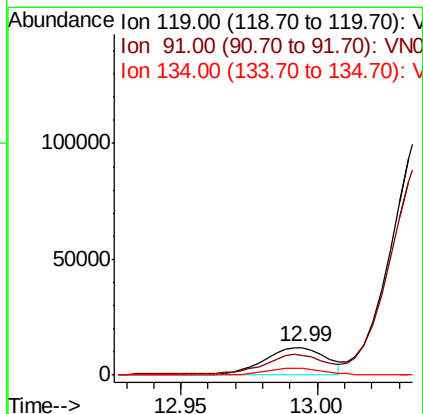
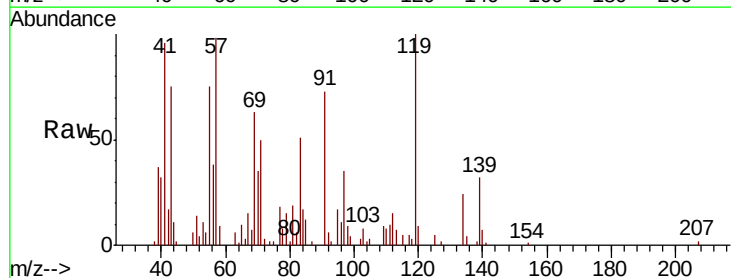
Tgt Ion: 119 Resp: 18831

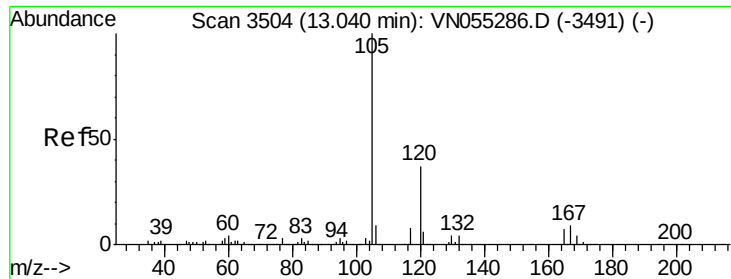
Ion Ratio Lower Upper

119 100

91 69.6 34.3 102.9

134 23.9 13.1 39.3

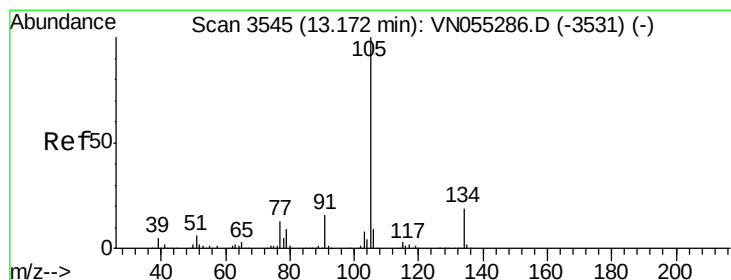
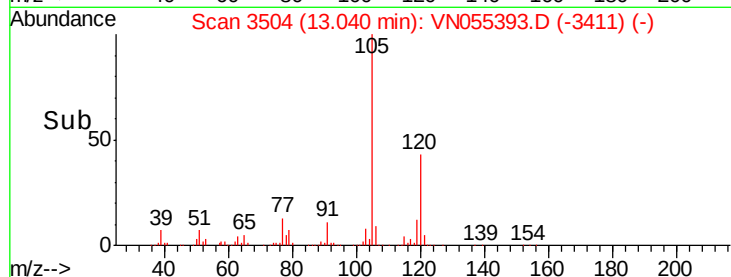
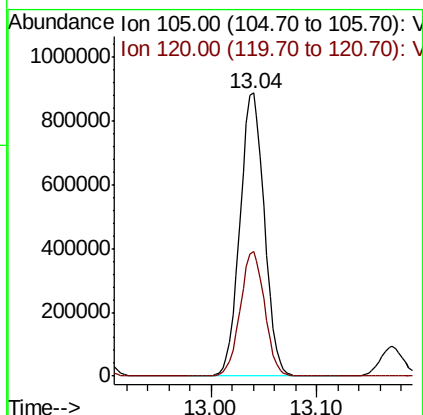
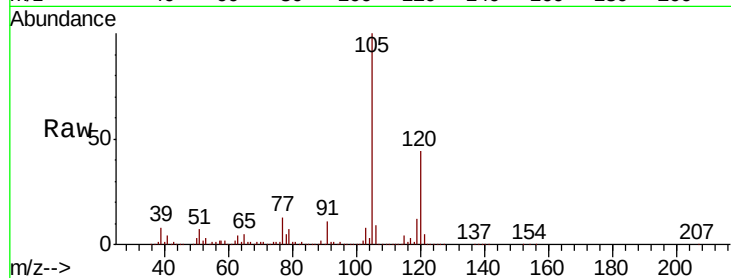




#84
 1,2,4-Trimethylbenzene
 Concen: 71.186 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055393.D
 Acq: 3 May 2019 16:37

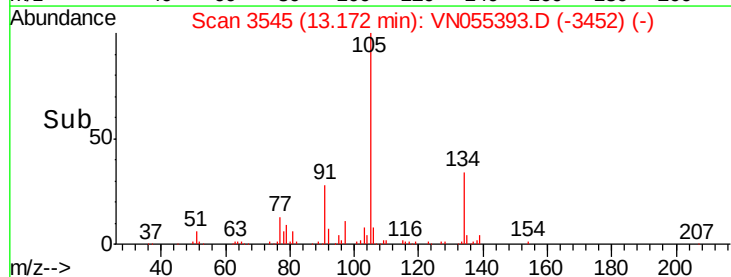
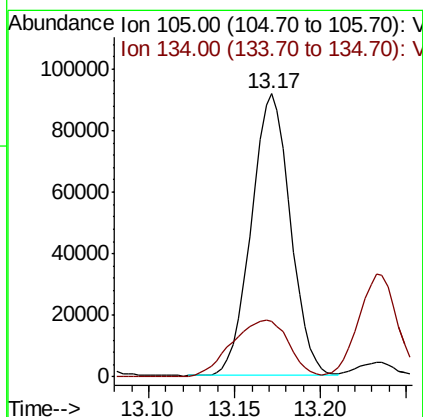
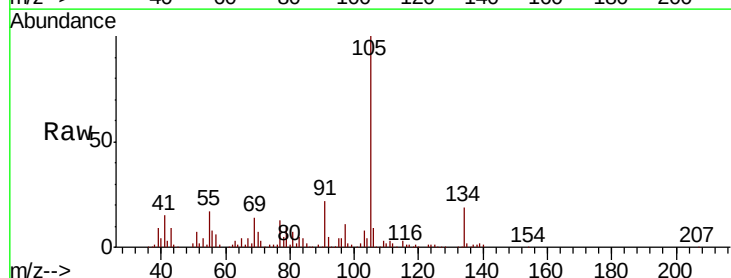
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)DL

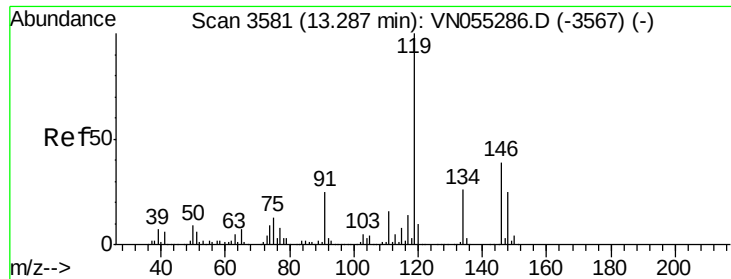
Tot Ion:105 Resp: 1418751
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 5.969 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055393.D
 Acq: 3 May 2019 16:37

Tgt Ion:105 Resp: 144580
 Ion Ratio Lower Upper
 105 100
 134 29.2 9.6 28.8#

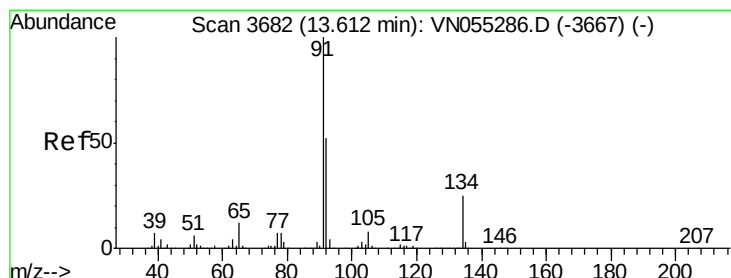
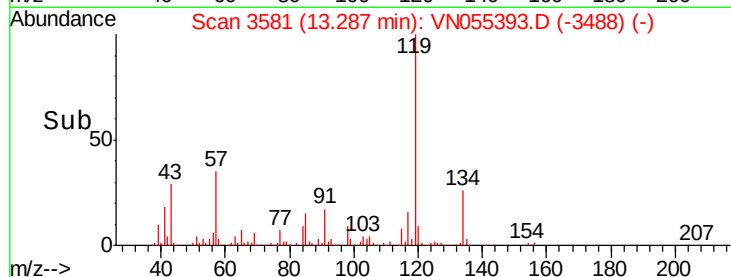
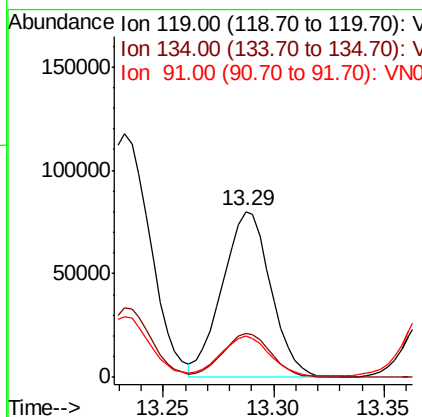
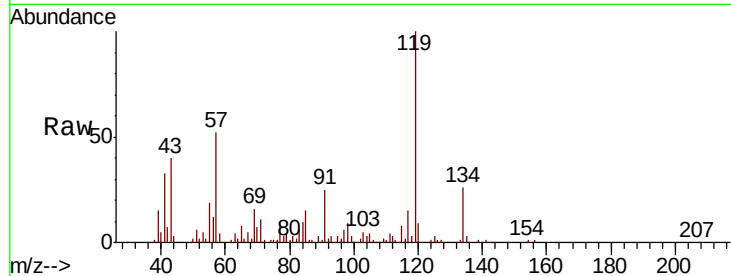




#86
 p-Isopropyltoluene
 Concen: 6.097 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055393.D
 Acq: 3 May 2019 16:37

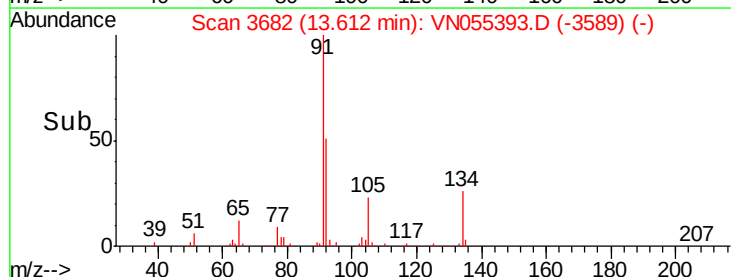
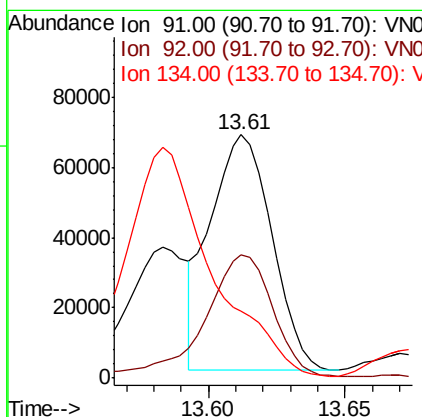
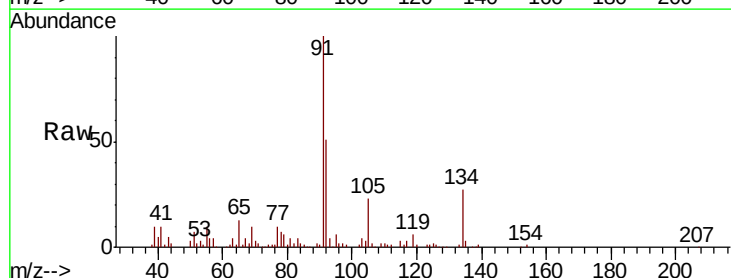
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)DL

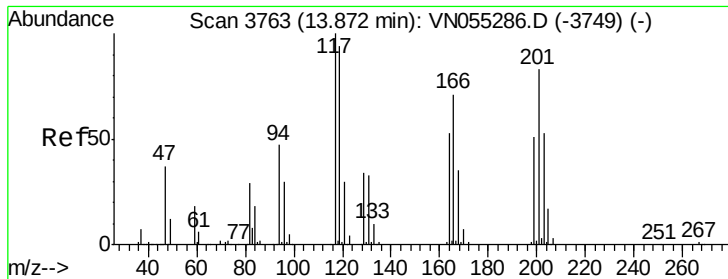
Tot Ion:119 Resp: 121383
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.0 38.9
 91 24.2 12.2 36.6



#89
 n-Butylbenzene
 Concen: 7.422 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN055393.D
 Acq: 3 May 2019 16:37

Tgt Ion: 91 Resp: 104991
 Ion Ratio Lower Upper
 91 100
 92 56.7 26.1 78.3
 134 0.0 12.4 37.4#





#90

Hexachloroethane

Concen: 3.857 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN055393.D

Acq: 3 May 2019 16:37

Instrument :

MSVOA_N

ClientSampleId :

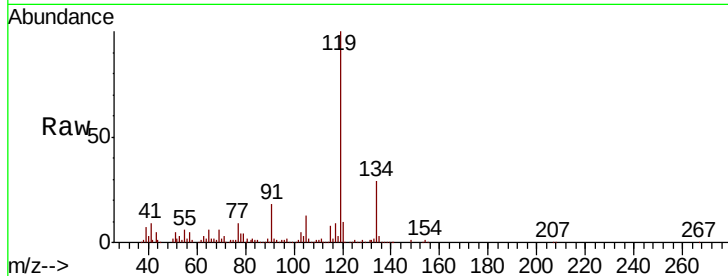
EP1-SB-E2-3(14-17)DL

Tot Ion:117 Resp: 16742

Ion Ratio Lower Upper

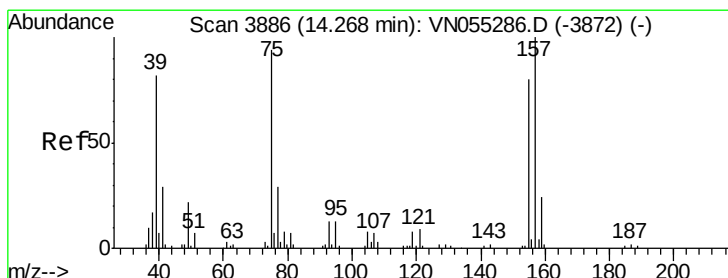
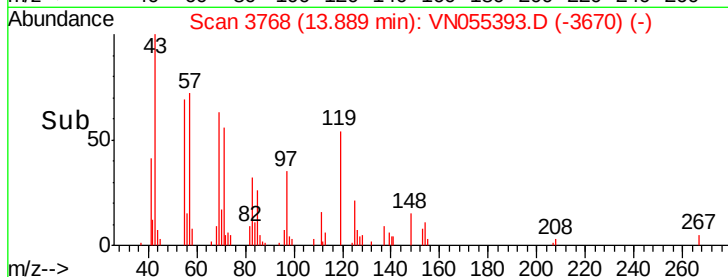
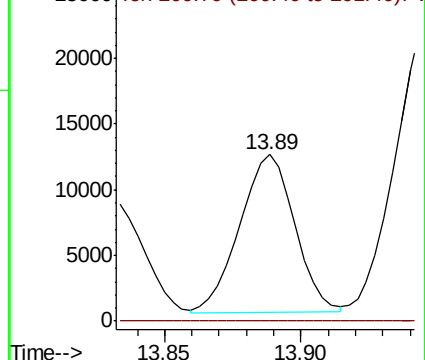
117 100

201 0.0 41.9 125.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.472 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.03 min

Lab File: VN055393.D

Acq: 3 May 2019 16:37

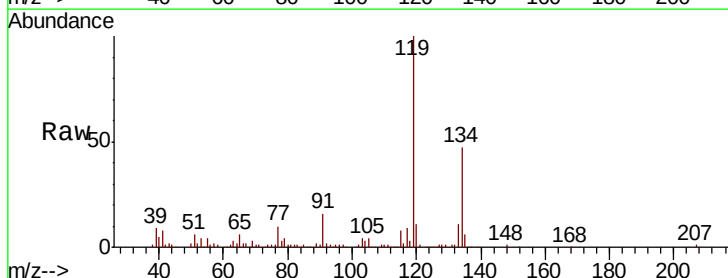
Tgt Ion: 75 Resp: 1101

Ion Ratio Lower Upper

75 100

155 0.0 41.5 124.6#

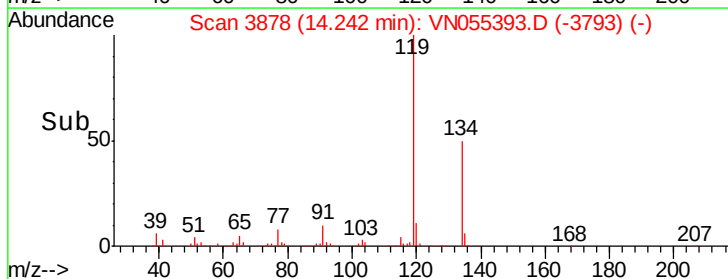
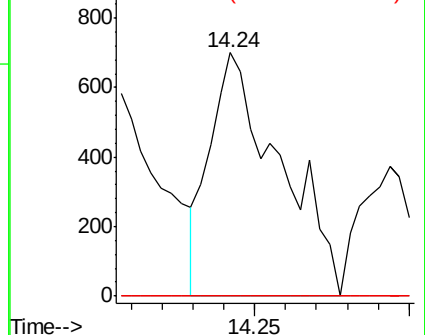
157 0.0 54.0 162.2#

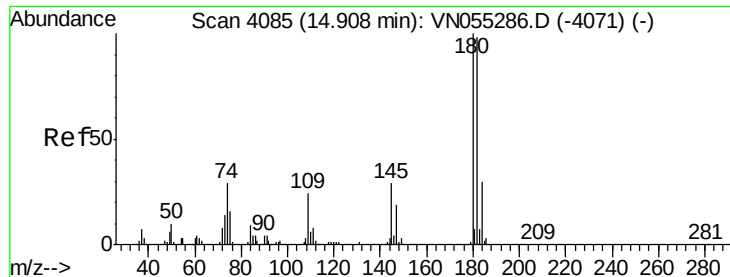


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

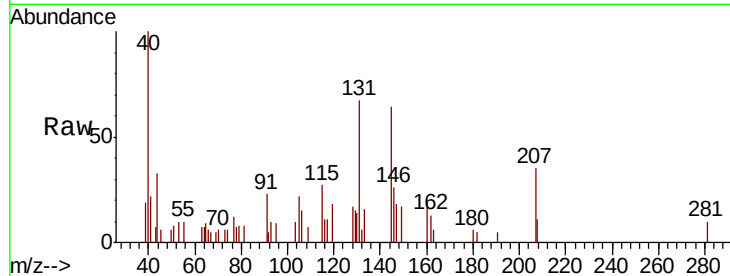




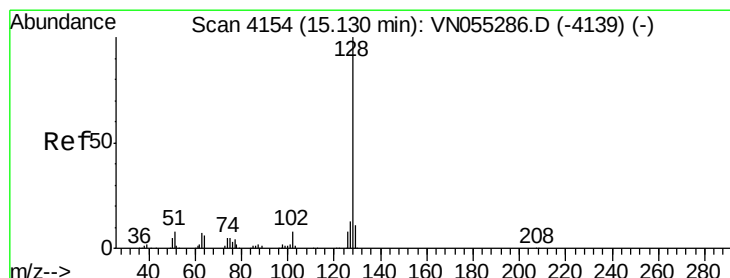
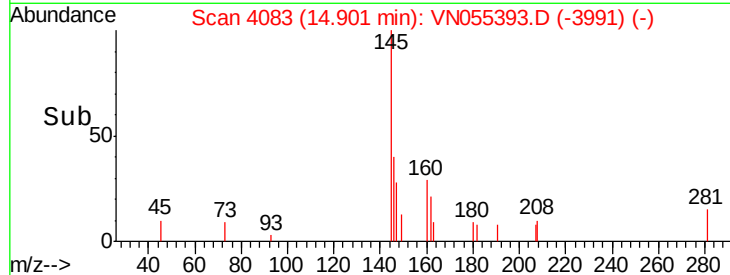
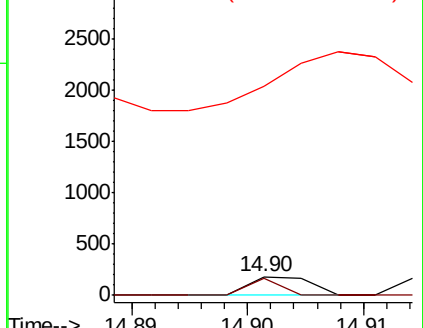
#93
 1,2,4-Trichlorobenzene
 Concen: 3.328 ug/l
 RT: 14.90 min Scan# 4083
 Delta R.T. -0.01 min
 Lab File: VN055393.D
 Acq: 3 May 2019 16:37

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)DL

Tot Ion:180 Resp: 68
 Ion Ratio Lower Upper
 180 100
 182 45.6 48.3 144.9#
 145 4286.8 14.2 42.6#

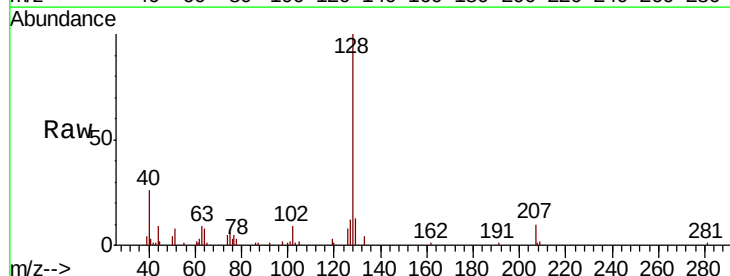


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 6.323 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN055393.D
 Acq: 3 May 2019 16:37

Tgt Ion:128 Resp: 25350
 Ion Ratio Lower Upper
 128 100
 127 12.0 10.7 16.1
 129 11.4 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

