

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050219\
 Data File : VN055355.D
 Acq On : 2 May 2019 17:35
 Operator : JC/SP
 Sample : K2658-14DL 40X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-E3-4DL

Quant Time: May 03 01:55:42 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	376136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	648860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	582550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	194571	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	258771	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
35) Dibromofluoromethane	7.59	113	206779	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	10.09	98	796620	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
62) 4-Bromofluorobenzene	12.40	95	261319	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.78	59	357	1.267	ug/l #	73
16) Acetone	3.83	43	15902	10.372	ug/l	92
17) Carbon Disulfide	4.06	76	2487	0.256	ug/l #	74
18) Methyl Acetate	4.34	43	5813	0.532	ug/l #	72
25) 2-Butanone	6.85	43	581	0.296	ug/l #	53
29) Tetrahydrofuran	7.22	42	300	0.239	ug/l #	40
31) Cyclohexane	7.67	56	8537	1.103	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	28333	4.559	ug/l #	51
38) Carbon Tetrachloride	7.67	117	35205	5.872	ug/l #	15
41) Methacrylonitrile	7.18	41	30	0.751	ug/l #	23
43) Isopropyl Acetate	8.20	43	7742	1.011	ug/l #	56
51) 4-Methyl-2-Pentanone	9.99	43	982	0.228	ug/l #	85
59) 2-Hexanone	10.75	43	971	0.360	ug/l	83
67) Ethyl Benzene	11.51	91	68222	3.317	ug/l	99
68) m/p-Xylenes	11.62	106	67669	9.217	ug/l	100
69) o-Xylene	11.95	106	17444	2.397	ug/l	97
71) Bromoform	12.39	173	646	0.261	ug/l #	29
73) Isopropylbenzene	12.25	105	68159	1.324	ug/l	98
74) N-amyl acetate	12.05	43	14314	2.867	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.45	83	383	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	134954	36.643	ug/l #	100
77) Bromobenzene	12.53	156	273	Below Cal	#	9
78) n-propylbenzene	12.59	91	132649	6.637	ug/l	100
79) 2-Chlorotoluene	12.65	91	15916	Below Cal	#	42
80) 1,3,5-Trimethylbenzene	12.73	105	126363	8.284	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	134954	131.441	ug/l #	7
82) 4-Chlorotoluene	12.73	91	11798	1.015	ug/l #	42
83) tert-Butylbenzene	12.99	119	7480	Below Cal		98
84) 1,2,4-Trimethylbenzene	13.04	105	677420	49.656	ug/l	99
85) sec-Butylbenzene	13.17	105	32887	1.984	ug/l #	76
86) p-Isopropyltoluene	13.29	119	17877	1.312	ug/l	93
88) 1,4-Dichlorobenzene	13.36	146	1284	0.209	ug/l #	1
89) n-Butylbenzene	13.62	91	17986	1.857	ug/l #	82
90) Hexachloroethane	13.89	117	4304	0.433	ug/l #	7

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Quant Title : SW846 8260
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Response via : Initial Calibration

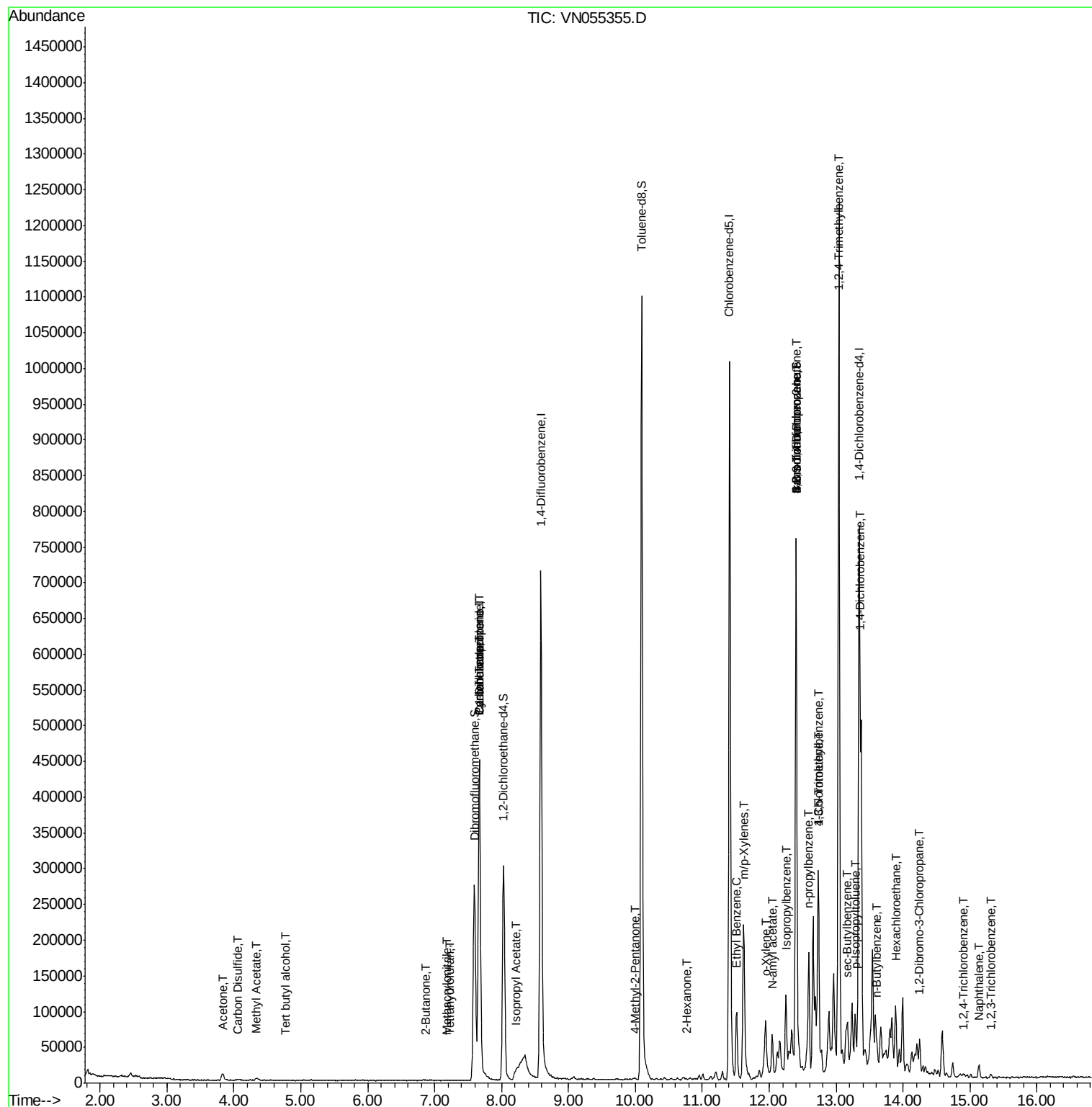
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.25	75	149	0.291	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	1616	3.904	ug/l #	71
94) Hexachlorobutadiene	15.01	225	870	Below Cal		97
95) Naphthalene	15.14	128	15908	6.074	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	1175	3.057	ug/l #	54

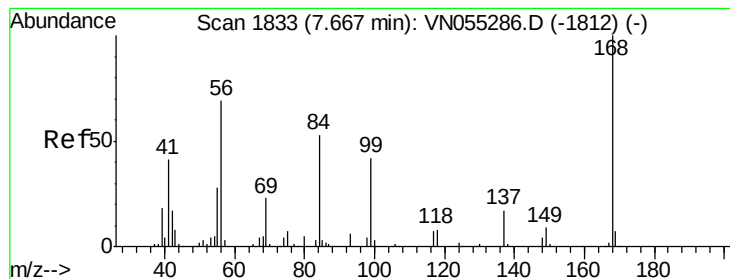
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN055355.D

Acq: 2 May 2019 17:35

Instrument :

MSVOA_N

ClientSampleId :

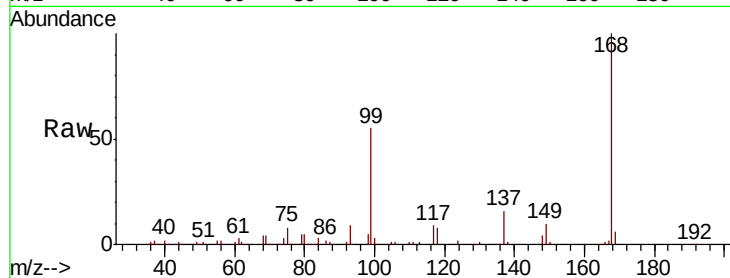
EP1-PZ-E3-4DL

Tot Ion:168 Resp: 376136

Ion Ratio Lower Upper

168 100

99 55.0 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

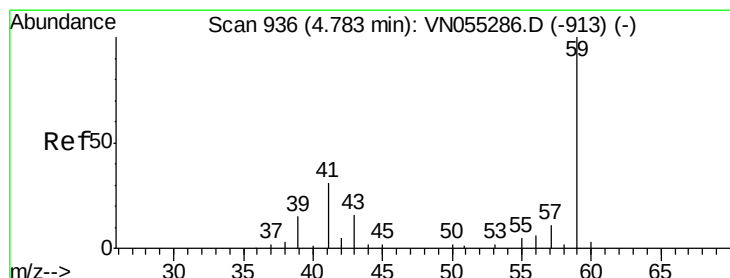
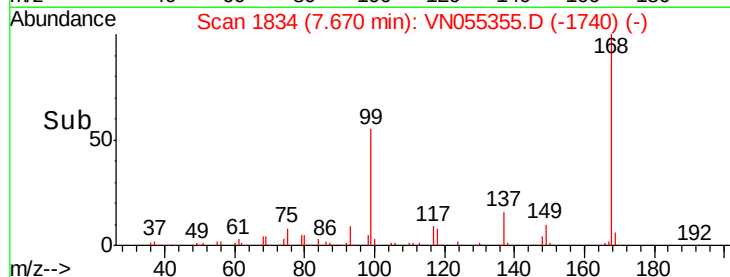
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.267 ug/l

RT: 4.78 min Scan# 934

Delta R.T. -0.01 min

Lab File: VN055355.D

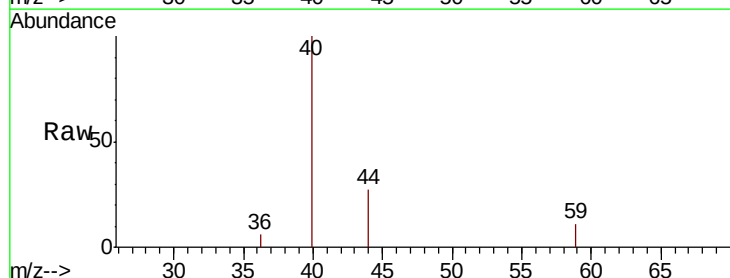
Acq: 2 May 2019 17:35

Tgt Ion: 59 Resp: 357

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.78

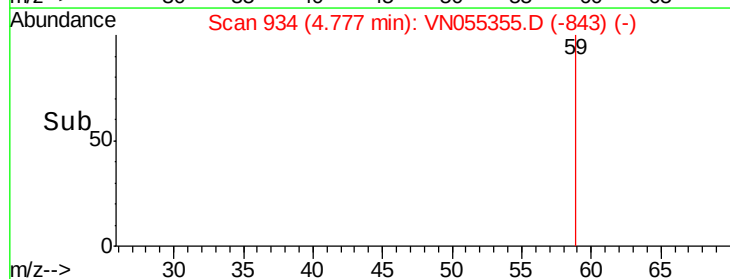
300

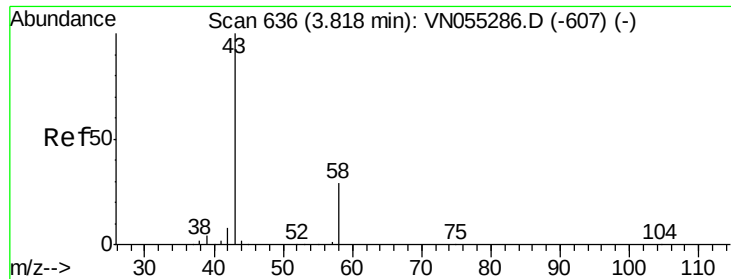
200

100

0

Time-->





#16

Acetone

Concen: 10.372 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN055355.D

Acq: 2 May 2019 17:35

Instrument :

MSVOA_N

ClientSampleId :

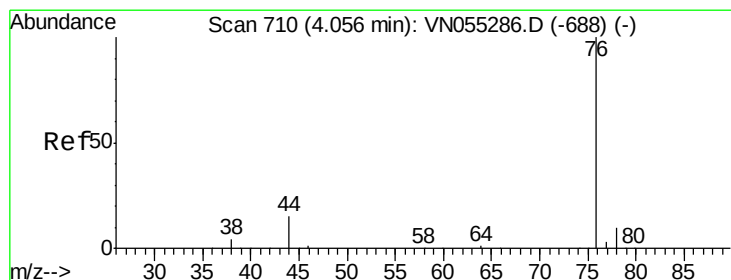
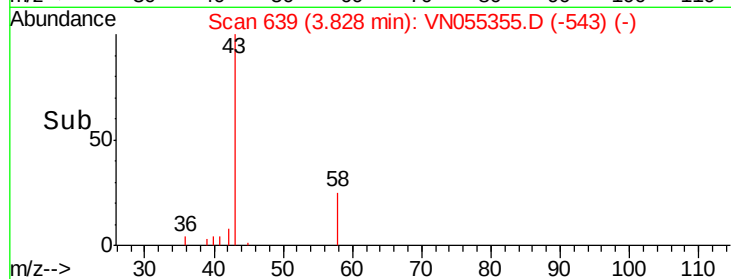
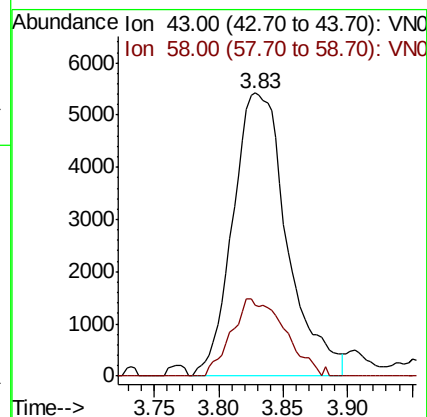
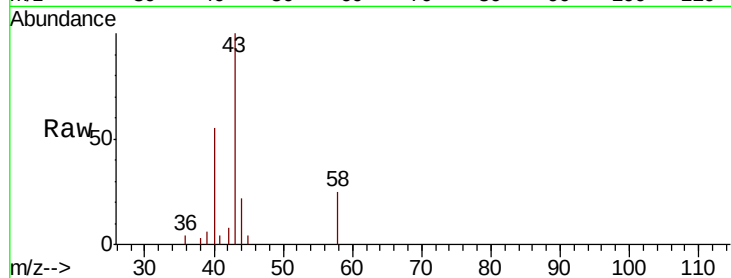
EP1-PZ-E3-4DL

Tot Ion: 43 Resp: 15902

Ion Ratio Lower Upper

43 100

58 25.1 23.6 35.4



#17

Carbon Disulfide

Concen: 0.256 ug/l

RT: 4.06 min Scan# 712

Delta R.T. 0.01 min

Lab File: VN055355.D

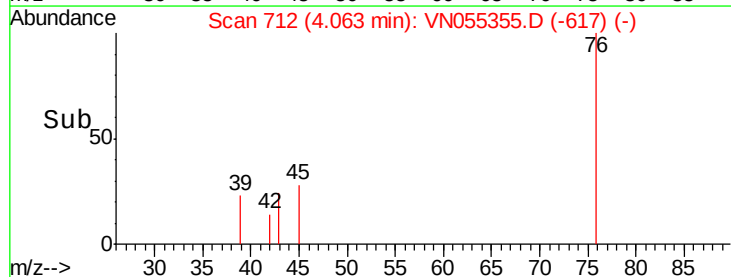
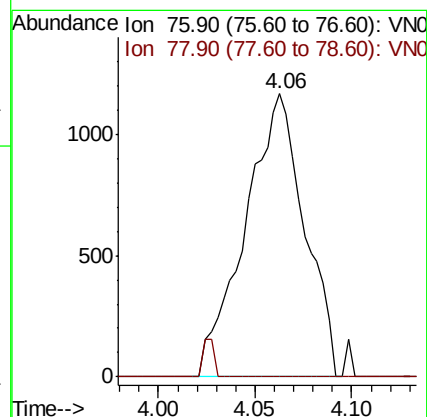
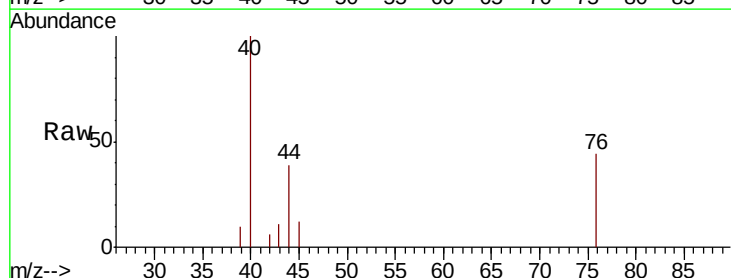
Acq: 2 May 2019 17:35

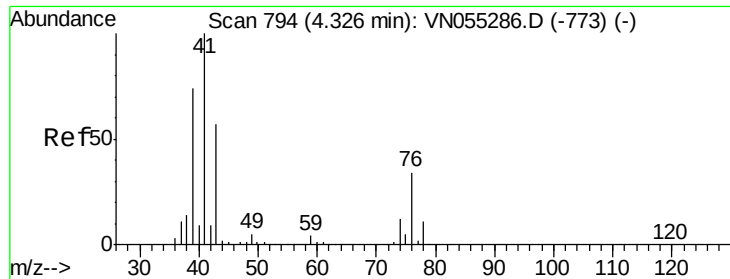
Tgt Ion: 76 Resp: 2487

Ion Ratio Lower Upper

76 100

78 0.0 7.6 11.4#

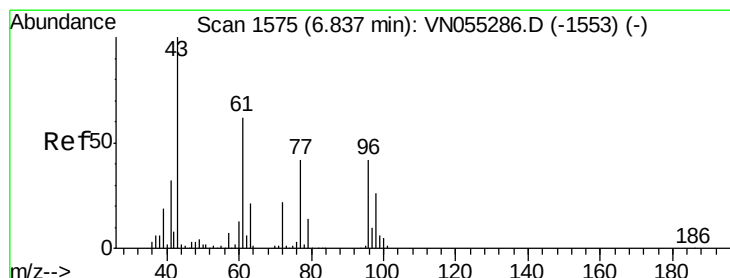
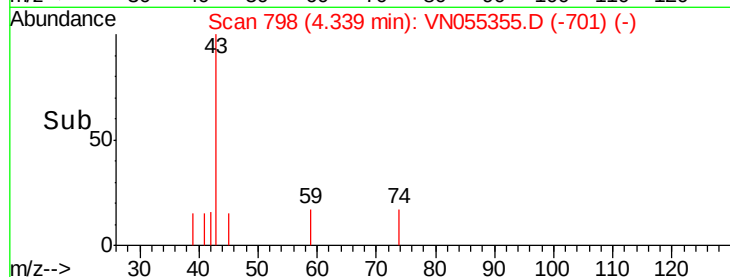
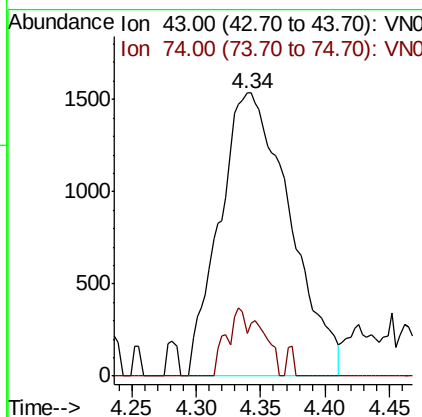
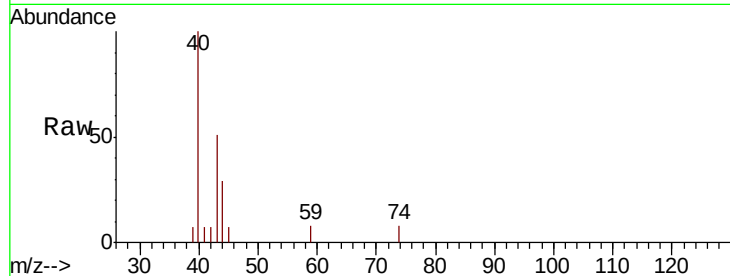




#18
Methyl Acetate
Concen: 0.532 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN055355.D
Acq: 2 May 2019 17:35

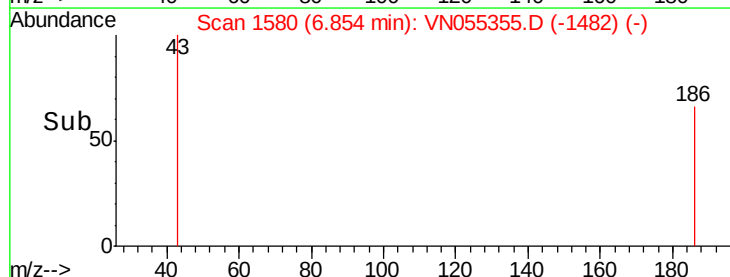
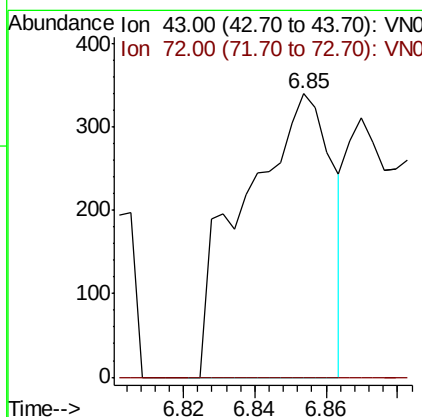
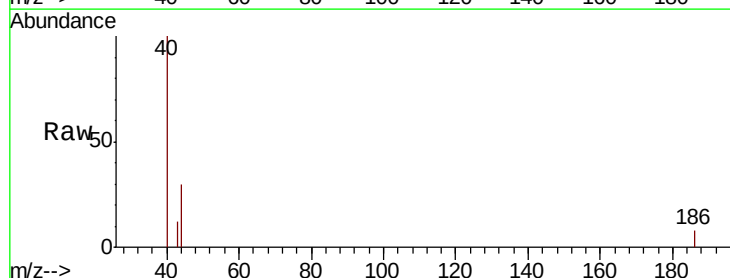
Instrument :
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EP1-PZ-E3-4DL

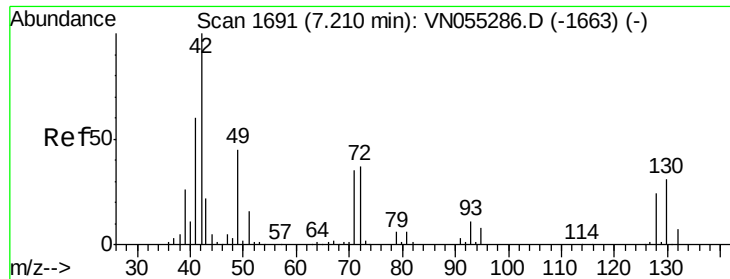
Tot Ion: 43 Resp: 5813
Ion Ratio Lower Upper
43 100
74 6.8 15.8 23.8#



#25
2-Butanone
Concen: 0.296 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN055355.D
Acq: 2 May 2019 17:35

Tgt Ion: 43 Resp: 581
Ion Ratio Lower Upper
43 100
72 0.0 18.0 27.0#

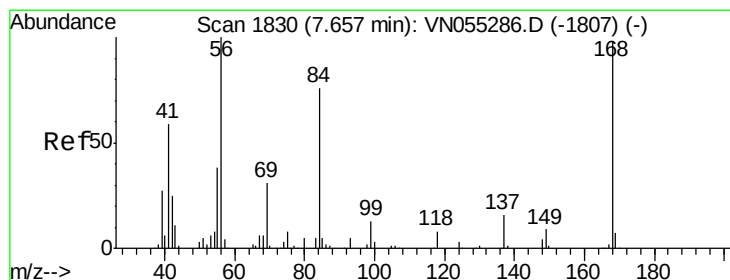
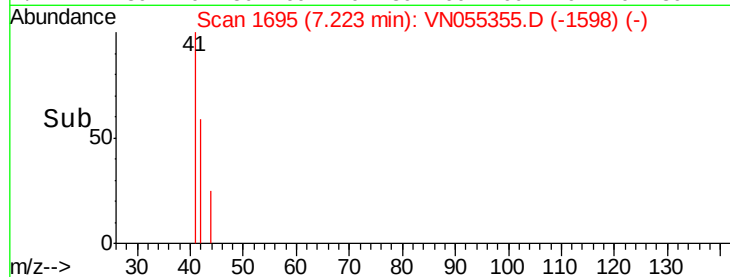
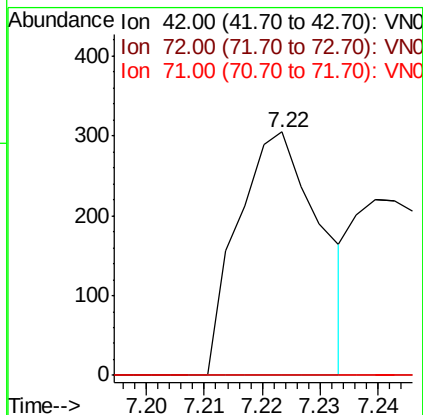
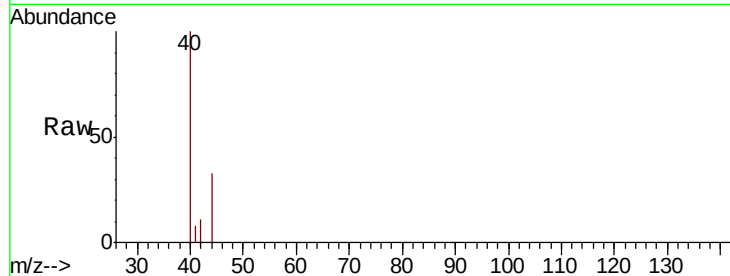




#29
Tetrahydrofuran
Concen: 0.239 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN055355.D
Acq: 2 May 2019 17:35

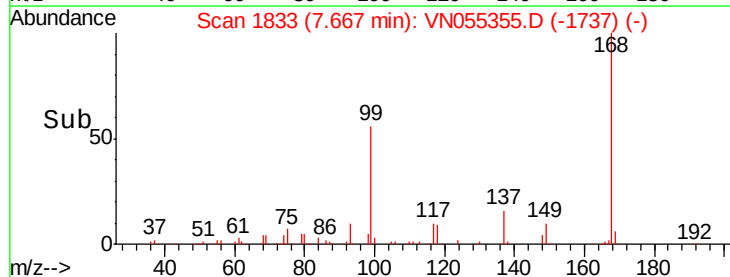
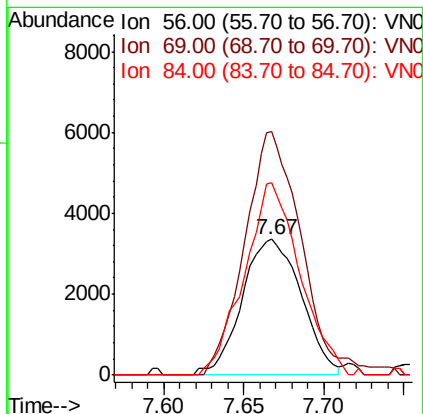
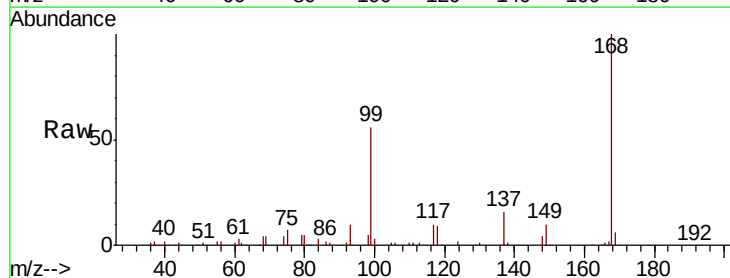
Instrument :
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ClientSampleId :
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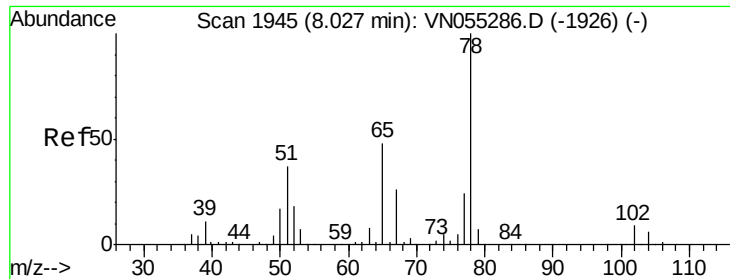
Tot Ion: 42 Resp: 300
Ion Ratio Lower Upper
42 100
72 0.0 29.0 43.6#
71 0.0 27.1 40.7#



#31
Cyclohexane
Concen: 1.103 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN055355.D
Acq: 2 May 2019 17:35

Tgt Ion: 56 Resp: 8537
Ion Ratio Lower Upper
56 100
69 179.5 25.2 37.8#
84 141.7 61.1 91.7#

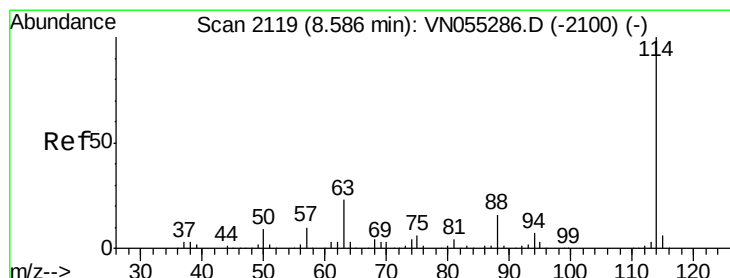
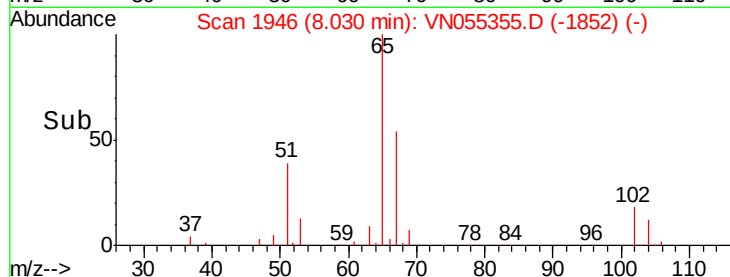
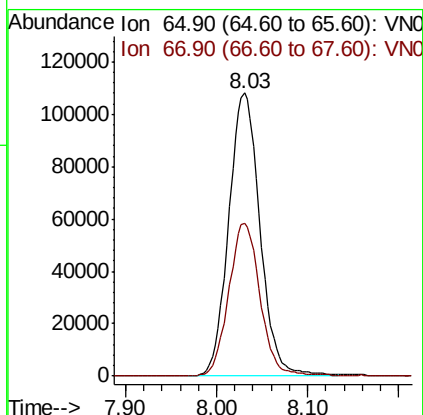
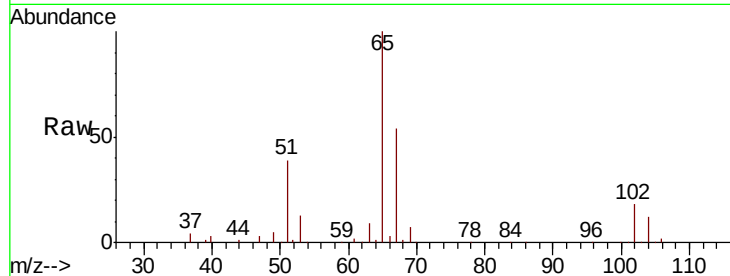




#33
 1,2-Dichloroethane-d4
 Concen: 52.588 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN055355.D
 Acq: 2 May 2019 17:35

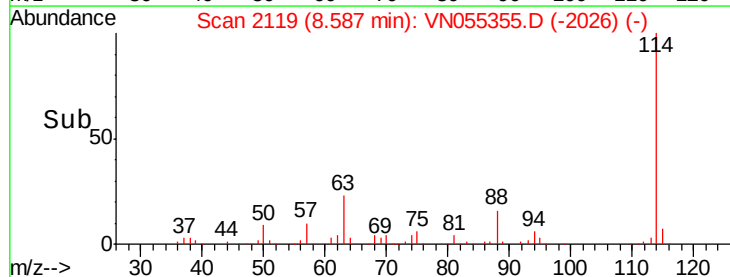
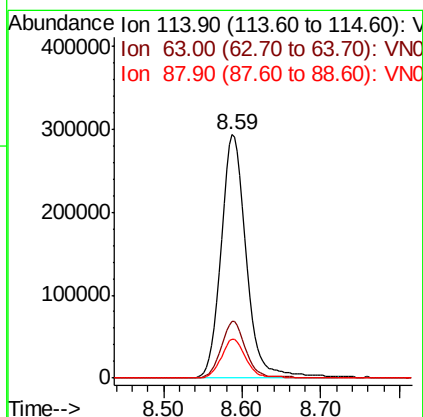
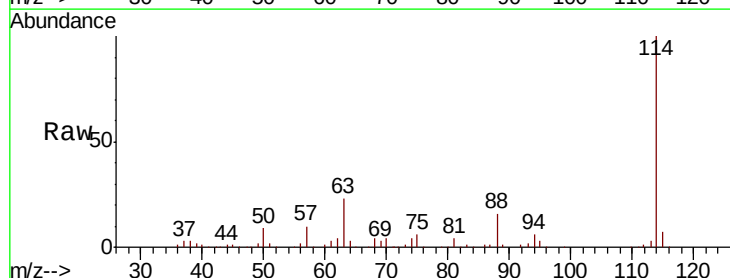
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 EP1-PZ-E3-4DL

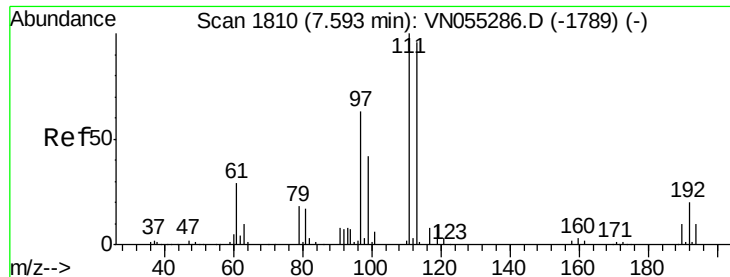
Tot Ion: 65 Resp: 258771
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055355.D
 Acq: 2 May 2019 17:35

Tgt Ion: 114 Resp: 648860
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.2
 88 16.2 0.0 31.6

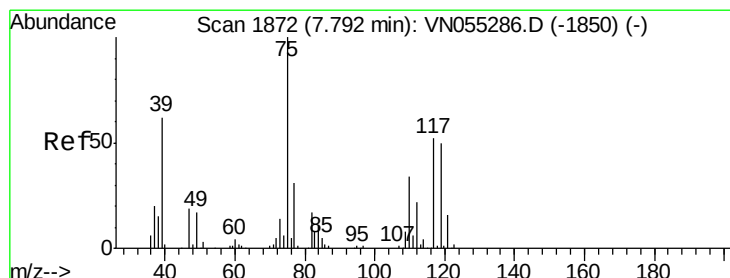
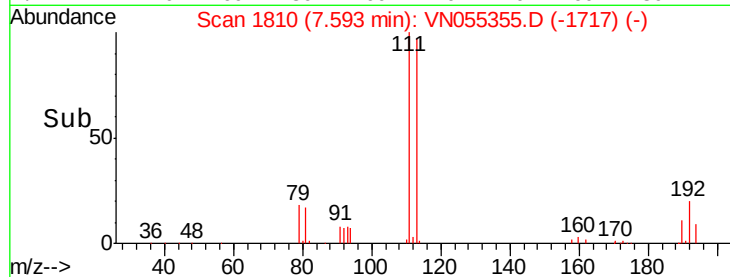
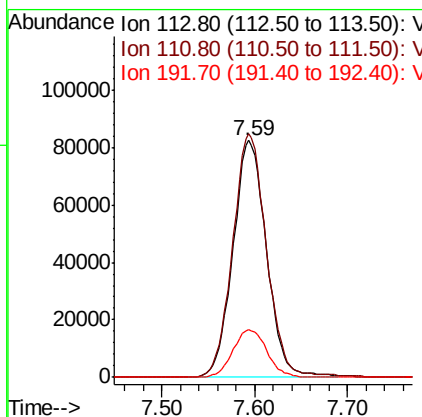
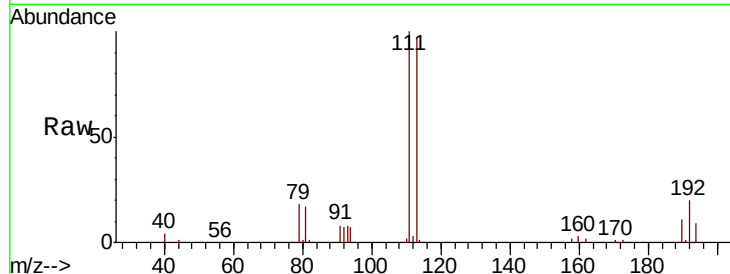




#35
 Dibromofluoromethane
 Concen: 48.552 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055355.D
 Acq: 2 May 2019 17:35

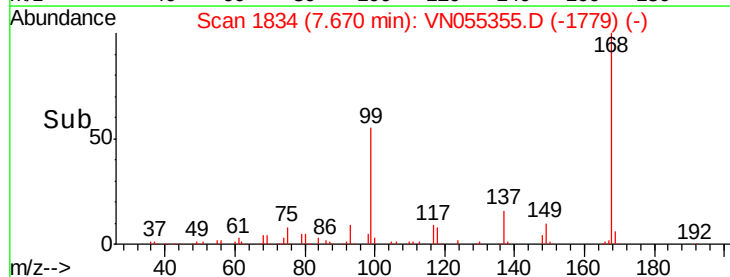
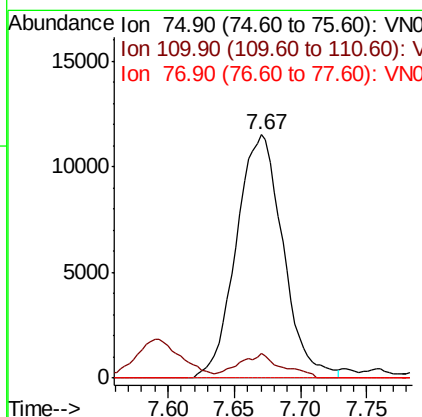
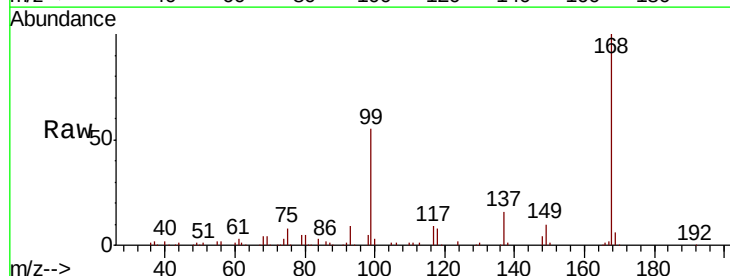
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-E3-4DL

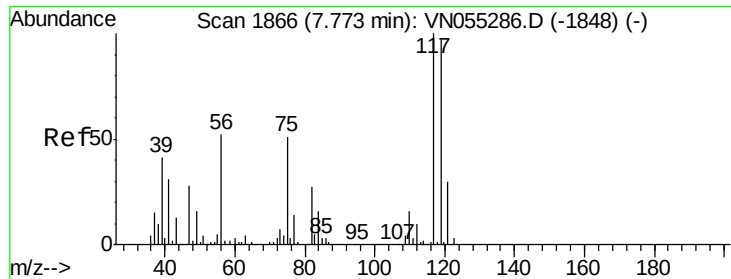
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.3	123.5
192	20.5	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 4.559 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.12 min
 Lab File: VN055355.D
 Acq: 2 May 2019 17:35

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	16.8	50.4#
77	0.0	25.0	37.6#





#38

Carbon Tetrachloride

Concen: 5.872 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055355.D

Acq: 2 May 2019 17:35

Instrument :

MSVOA_N

ClientSampleId :

EP1-PZ-E3-4DL

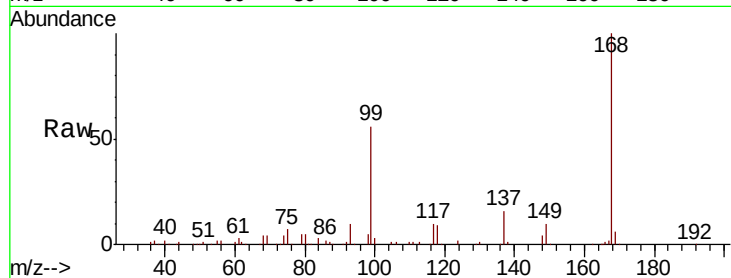
Tot Ion:117 Resp: 35205

Ion Ratio Lower Upper

117 100

119 4.4 77.0 115.6#

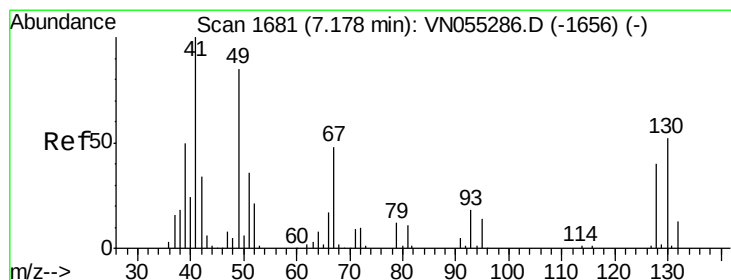
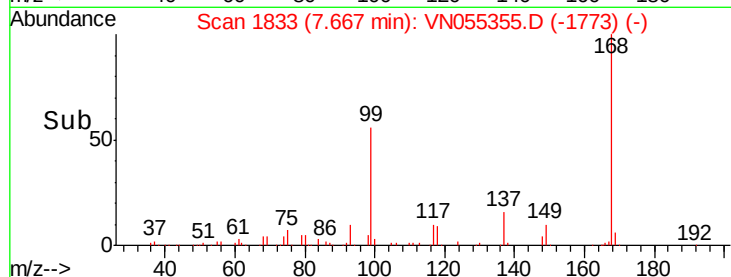
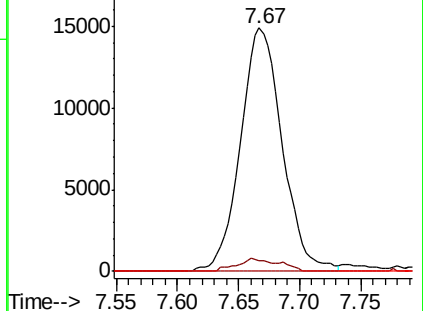
121 0.0 23.8 35.8#



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



#41

Methacrylonitrile

Concen: 0.751 ug/l

RT: 7.18 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VN055355.D

Acq: 2 May 2019 17:35

Tgt Ion: 41 Resp: 30

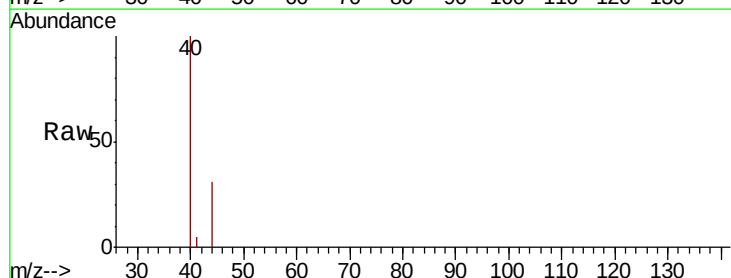
Ion Ratio Lower Upper

41 100

39 0.0 48.5 72.7#

67 0.0 54.9 82.3#

52 0.0 24.9 37.3#

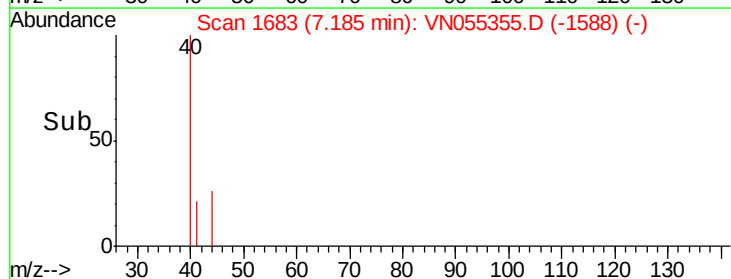
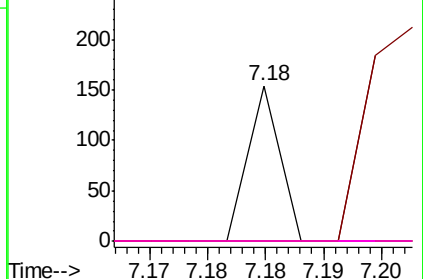


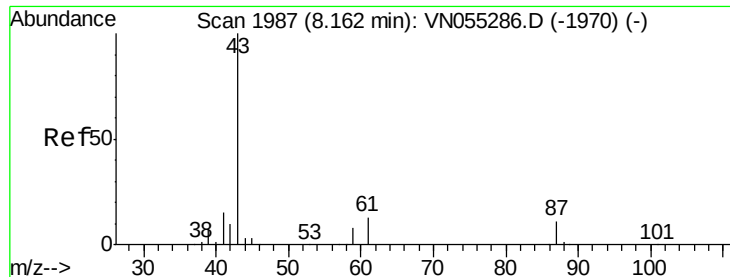
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 1.011 ug/l

RT: 8.20 min Scan# 2000

Delta R.T. 0.04 min

Lab File: VN055355.D

Acq: 2 May 2019 17:35

Instrument :

MSVOA_N

ClientSampleId :

EP1-PZ-E3-4DL

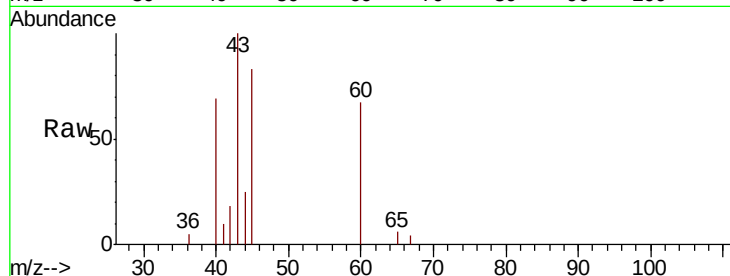
Tot Ion: 43 Resp: 7742

Ion Ratio Lower Upper

43 100

61 0.0 20.8 31.2#

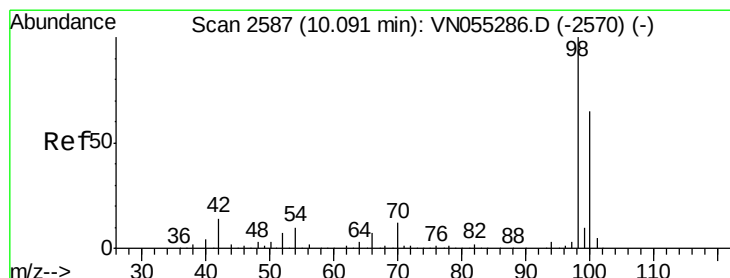
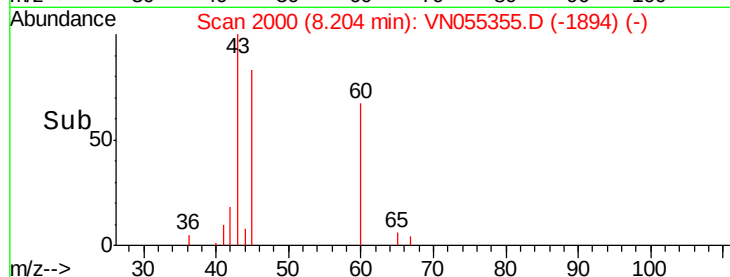
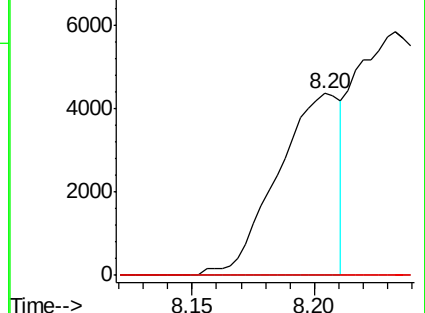
87 0.0 8.5 12.7#



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



#50

Toluene-d8

Concen: 51.801 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055355.D

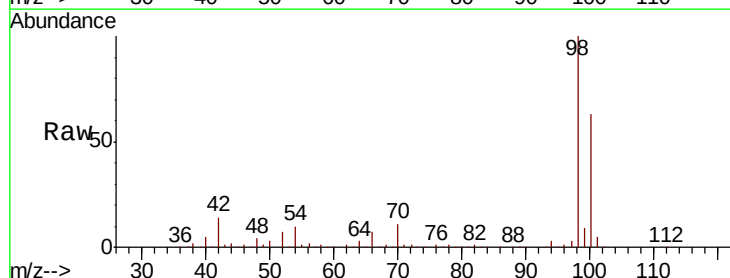
Acq: 2 May 2019 17:35

Tgt Ion: 98 Resp: 796620

Ion Ratio Lower Upper

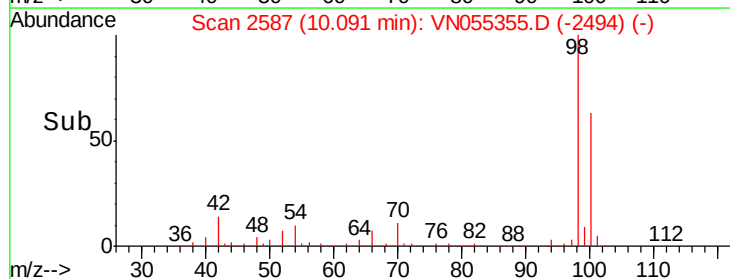
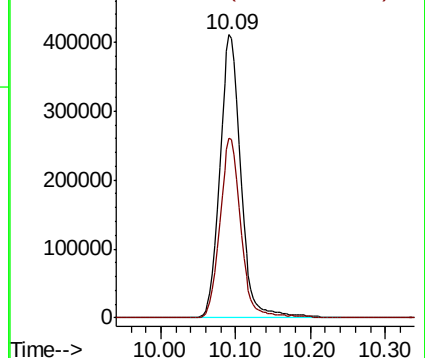
98 100

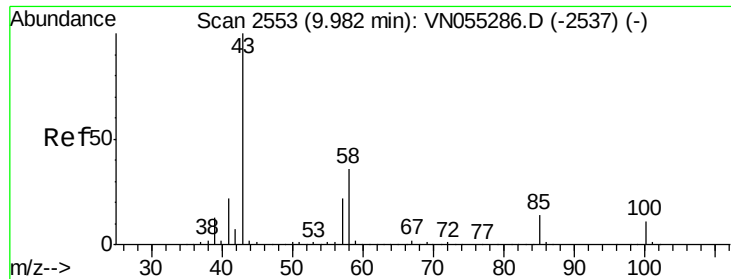
100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.228 ug/l

RT: 9.99 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN055355.D

Acq: 2 May 2019 17:35

Instrument :

MSVOA_N

ClientSampled :

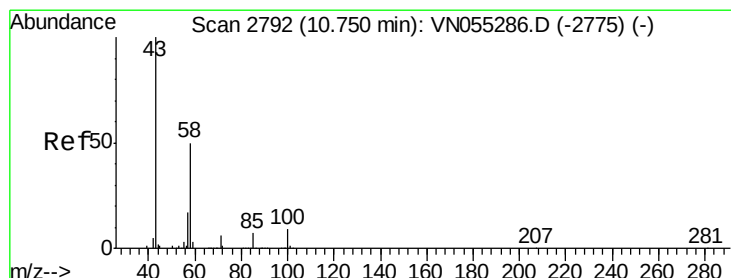
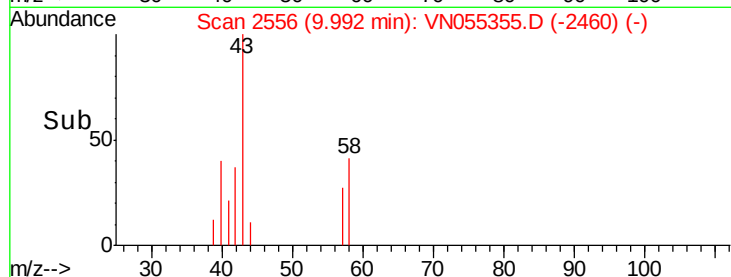
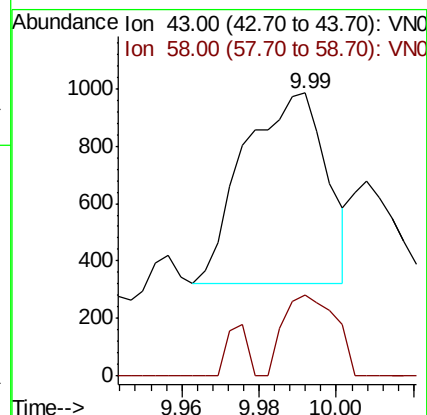
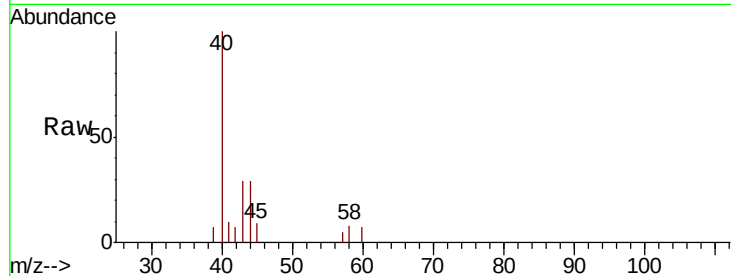
EP1-PZ-E3-4DL

Tot Ion: 43 Resp: 982

Ion Ratio Lower Upper

43 100

58 27.0 28.5 42.7#



#59

2-Hexanone

Concen: 0.360 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.00 min

Lab File: VN055355.D

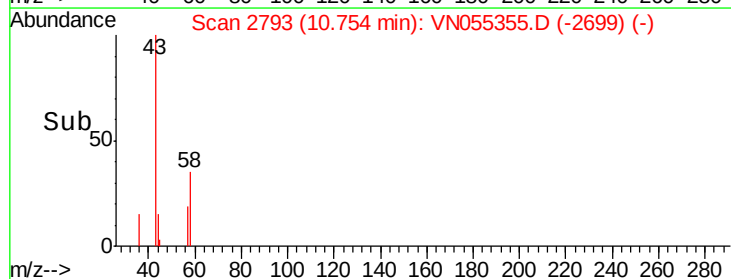
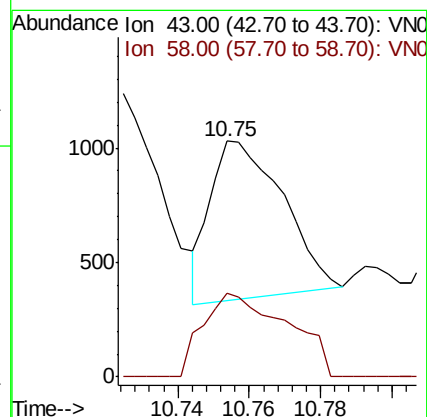
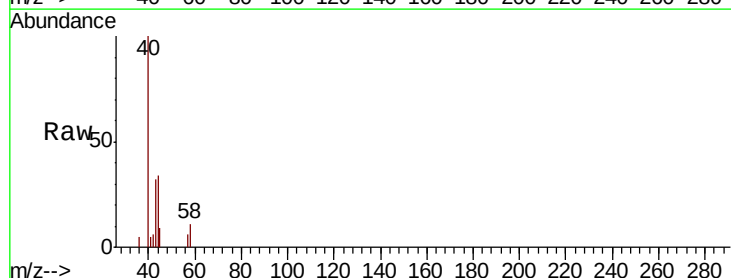
Acq: 2 May 2019 17:35

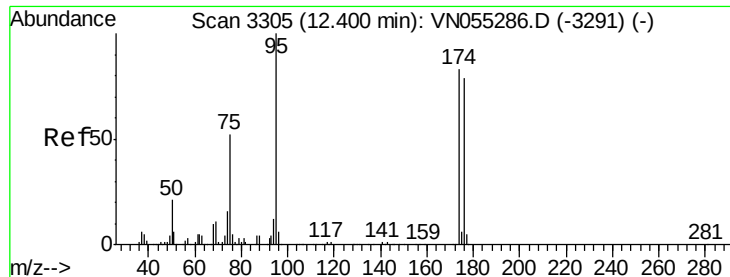
Tgt Ion: 43 Resp: 971

Ion Ratio Lower Upper

43 100

58 61.6 24.9 74.6

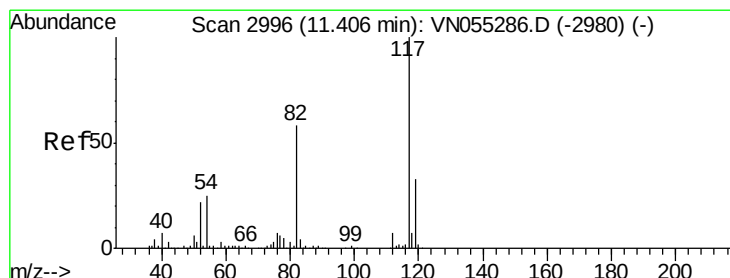
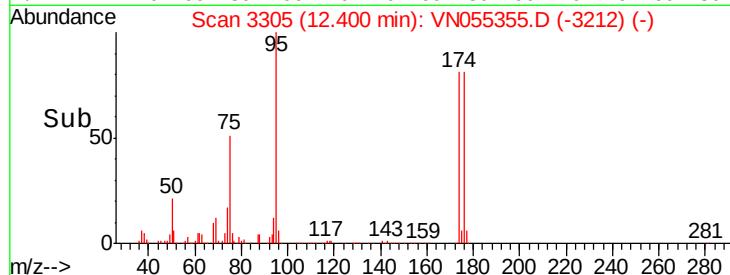
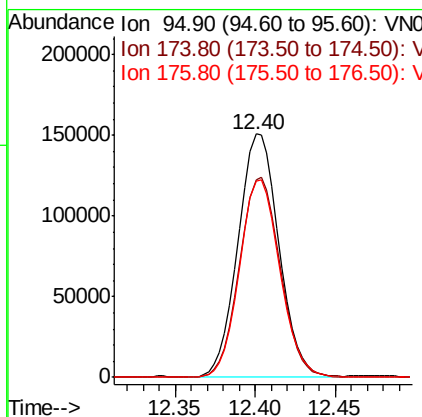
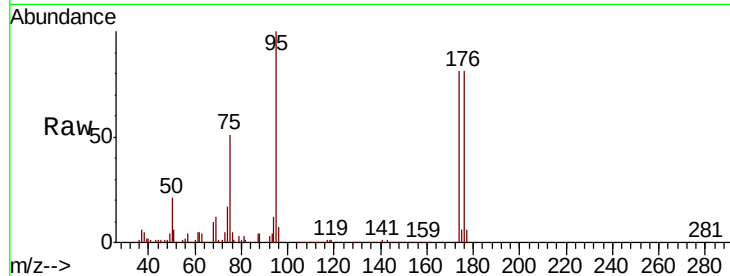




#62
4-Bromofluorobenzene
Concen: 54.370 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055355.D
Acq: 2 May 2019 17:35

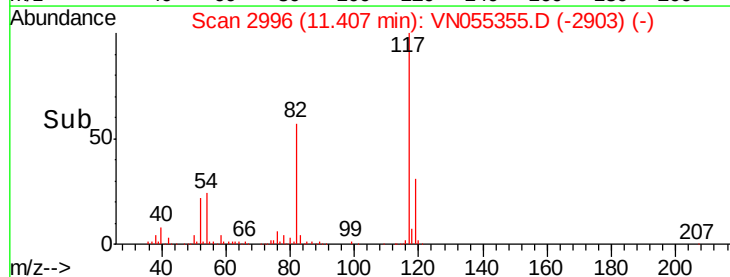
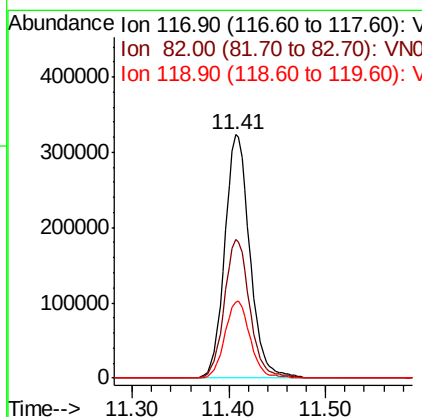
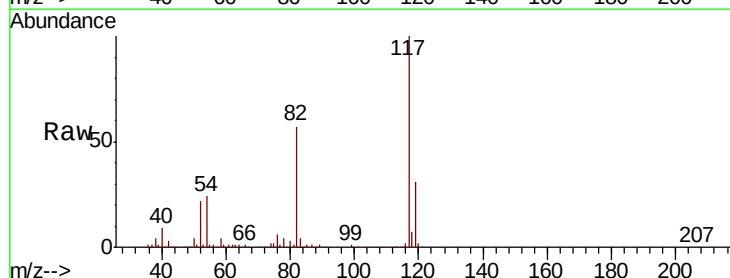
Instrument :
MSVOA_N
ClientSampleId :
EP1-PZ-E3-4DL

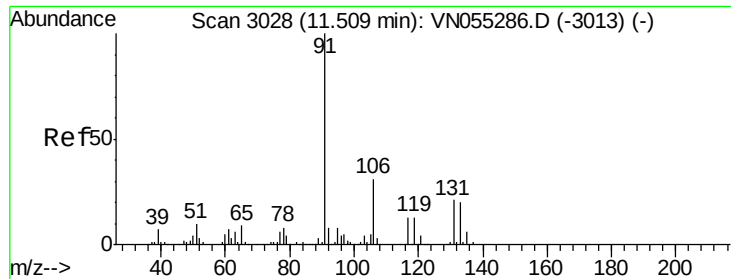
Tot Ion: 95 Resp: 261319
Ion Ratio Lower Upper
95 100
174 82.5 0.0 166.6
176 80.8 0.0 157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055355.D
Acq: 2 May 2019 17:35

Tgt Ion: 117 Resp: 582550
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.4
119 31.4 26.6 40.0

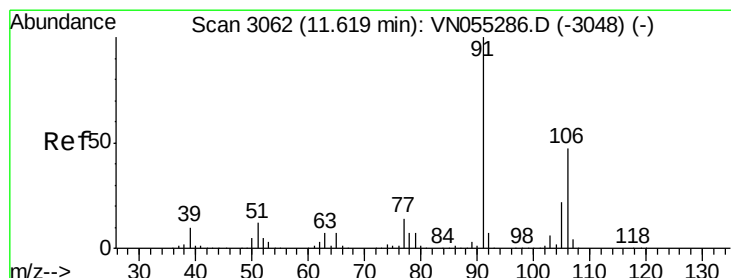
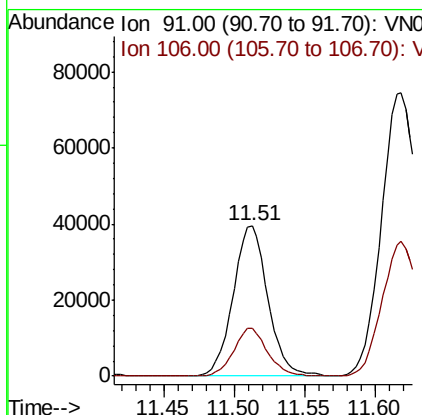
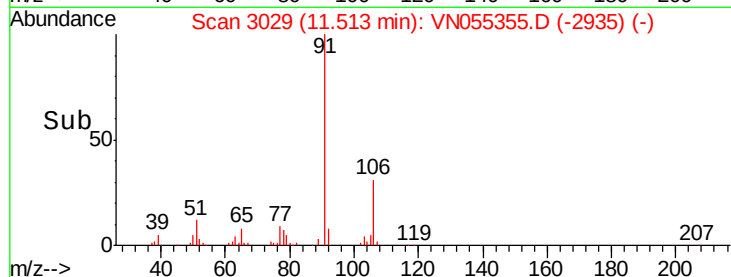
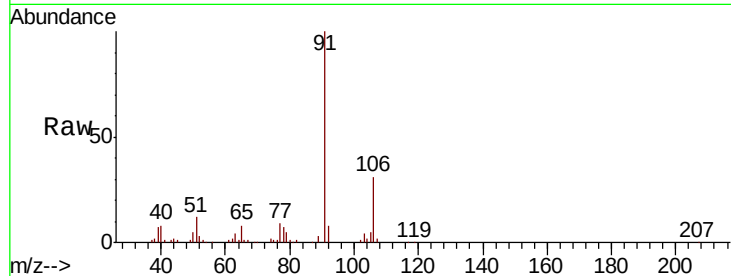




#67
Ethyl Benzene
Concen: 3.317 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055355.D
Acq: 2 May 2019 17:35

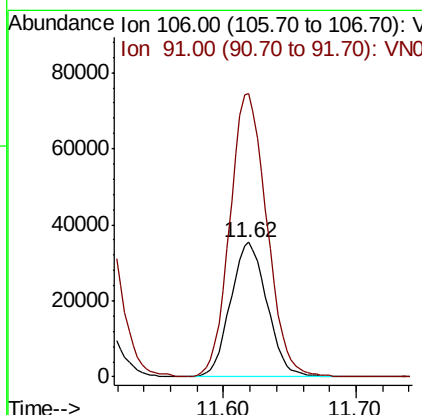
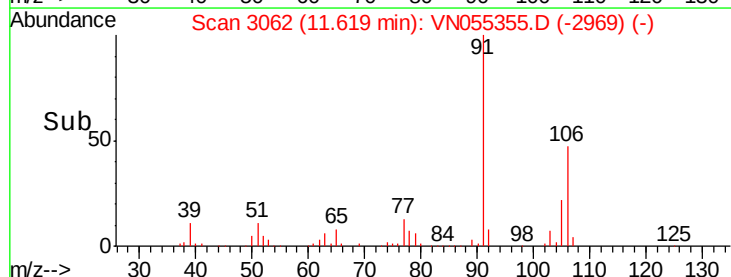
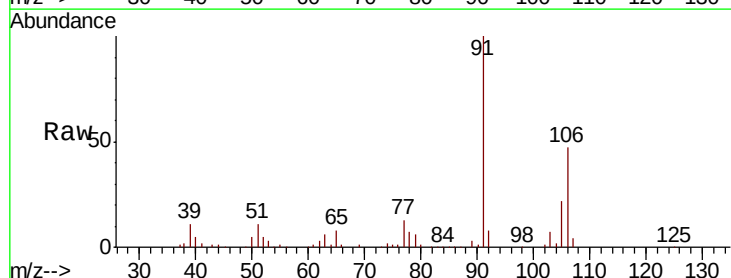
Instrument :
MSVOA_N
ClientSampled :
EP1-PZ-E3-4DL

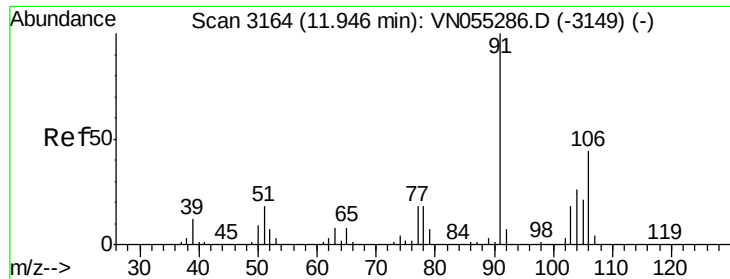
Tot Ion: 91 Resp: 68222
Ion Ratio Lower Upper
91 100
106 31.5 24.6 36.8



#68
m/p-Xylenes
Concen: 9.217 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055355.D
Acq: 2 May 2019 17:35

Tgt Ion: 106 Resp: 67669
Ion Ratio Lower Upper
106 100
91 211.8 169.5 254.3

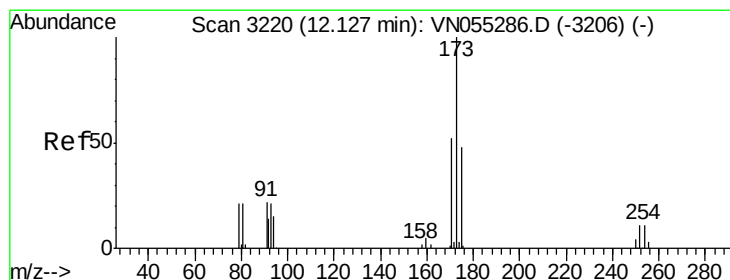
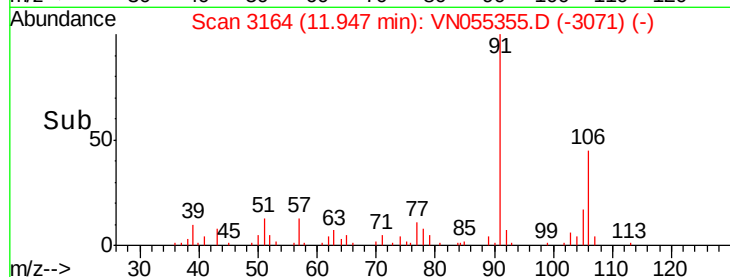
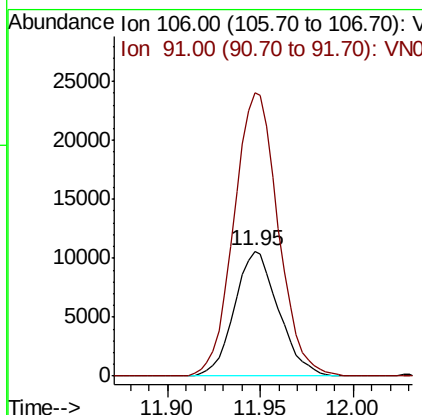
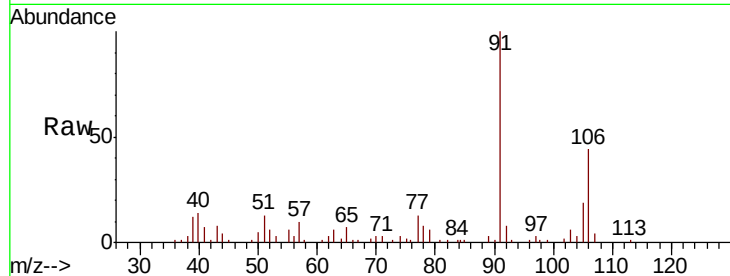




#69
o-Xylene
Concen: 2.397 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055355.D
Acq: 2 May 2019 17:35

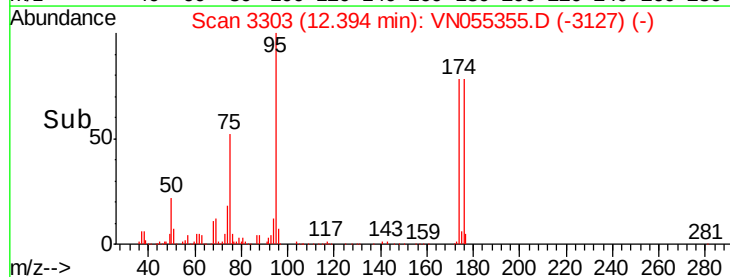
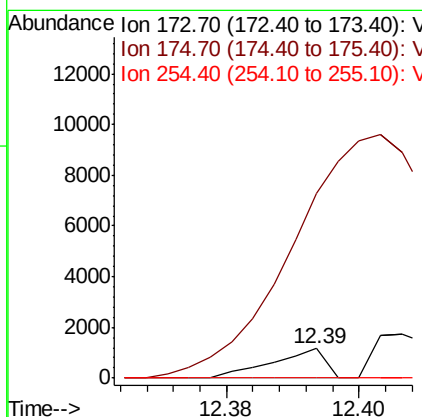
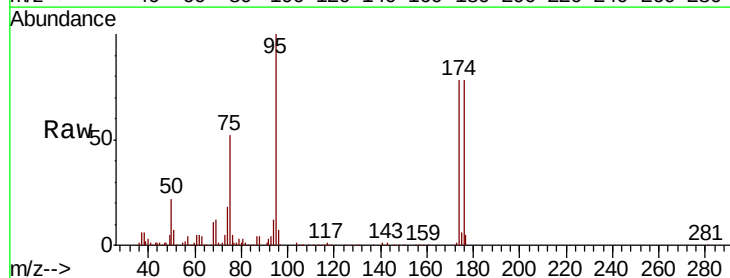
Instrument :
MSVOA_N
ClientSampled :
EP1-PZ-E3-4DL

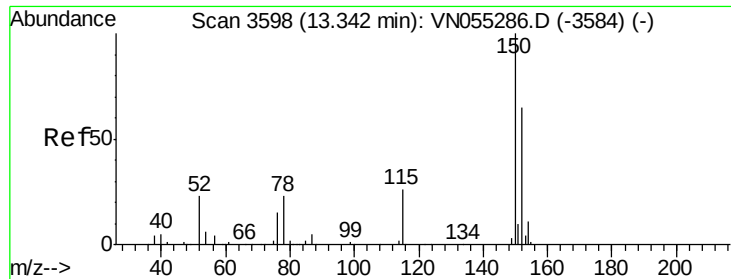
Tot Ion:106 Resp: 17444
Ion Ratio Lower Upper
106 100
91 228.1 111.5 334.5



#71
Bromoform
Concen: 0.261 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.27 min
Lab File: VN055355.D
Acq: 2 May 2019 17:35

Tgt Ion:173 Resp: 646
Ion Ratio Lower Upper
173 100
175 0.0 23.6 71.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055355.D

Acq: 2 May 2019 17:35

Instrument :

MSVOA_N

ClientSampleId :

EP1-PZ-E3-4DL

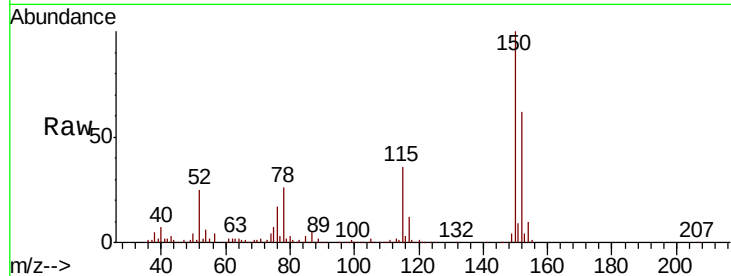
Tot Ion:152 Resp: 194571

Ion Ratio Lower Upper

152 100

115 63.4 29.0 87.0

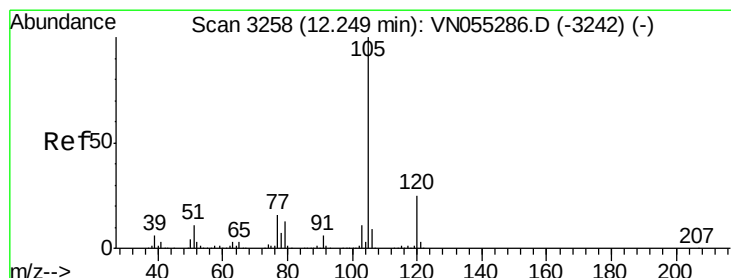
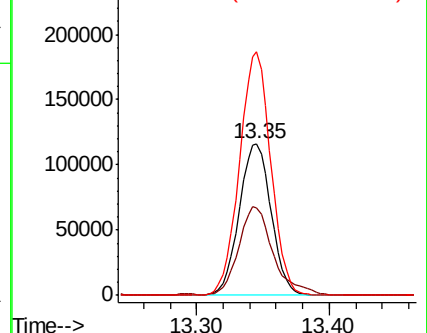
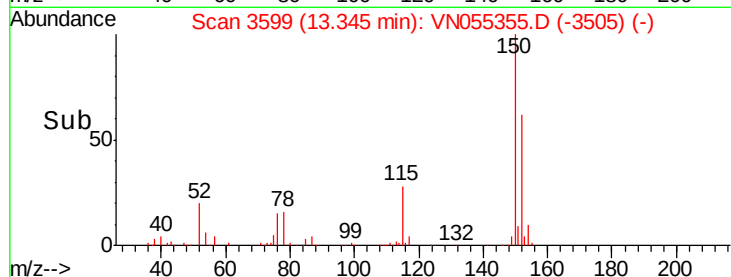
150 157.0 0.0 345.6



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: 1.324 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055355.D

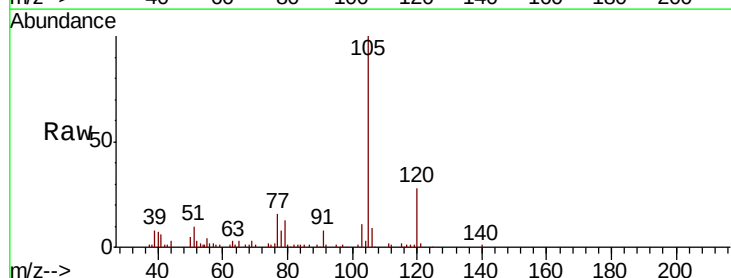
Acq: 2 May 2019 17:35

Tgt Ion:105 Resp: 68159

Ion Ratio Lower Upper

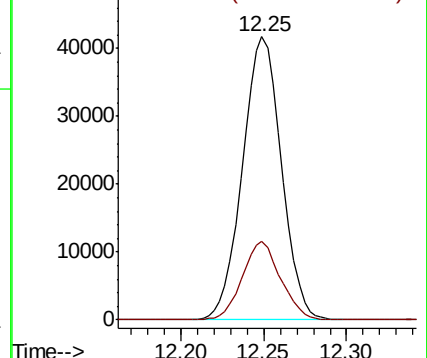
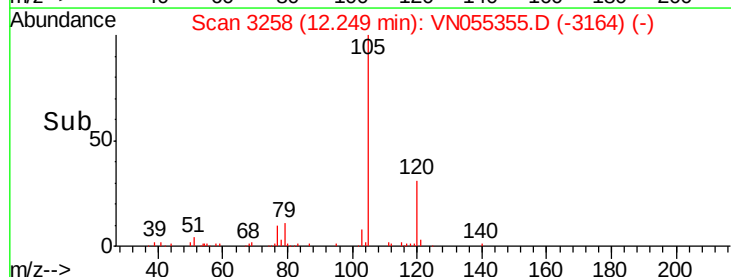
105 100

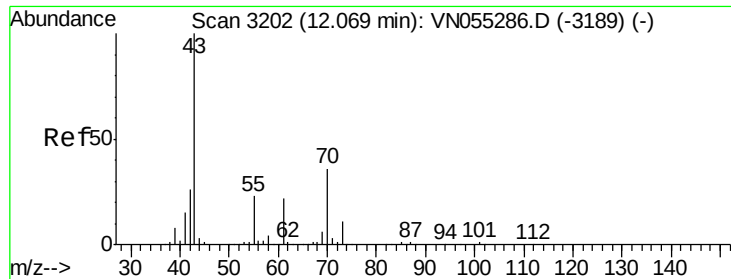
120 27.0 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.867 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN055355.D

Acq: 2 May 2019 17:35

Instrument :

MSVOA_N

ClientSampleId :

EP1-PZ-E3-4DL

Tot Ion: 43 Resp: 14314

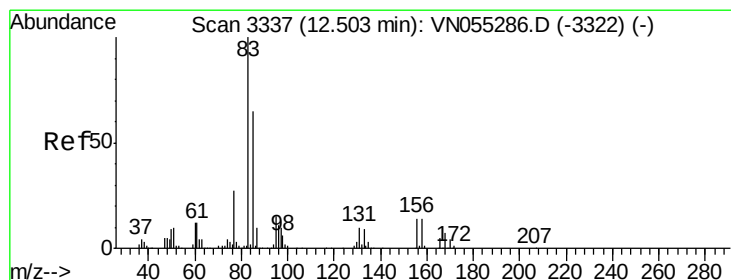
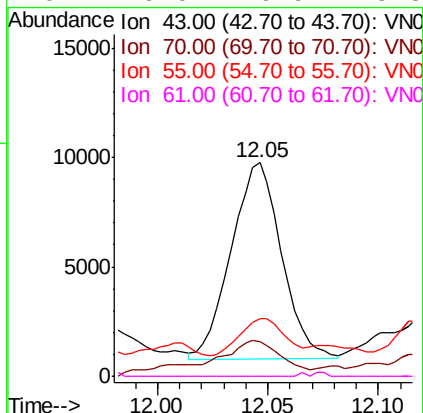
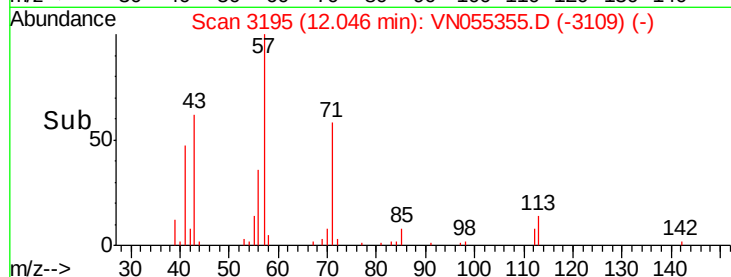
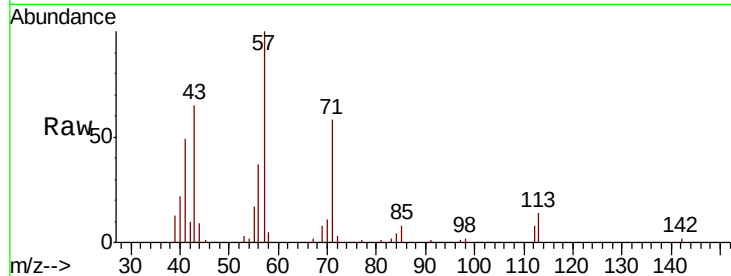
Ion Ratio Lower Upper

43 100

70 27.0 27.9 41.9#

55 16.4 18.2 27.2#

61 0.0 16.9 25.3#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.45 min Scan# 3321

Delta R.T. -0.05 min

Lab File: VN055355.D

Acq: 2 May 2019 17:35

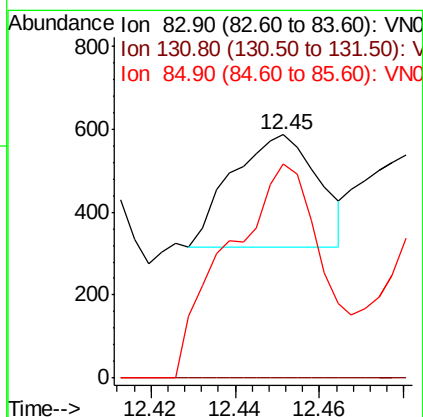
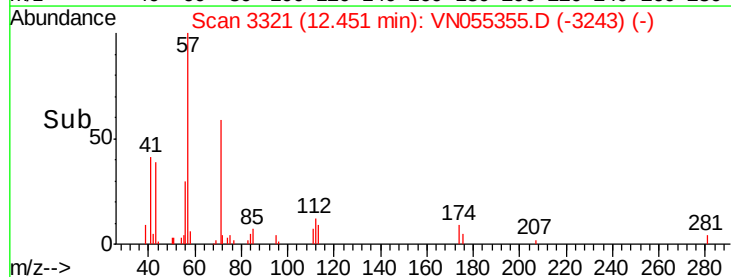
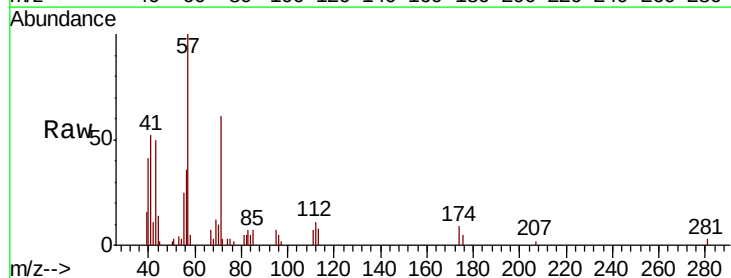
Tgt Ion: 83 Resp: 383

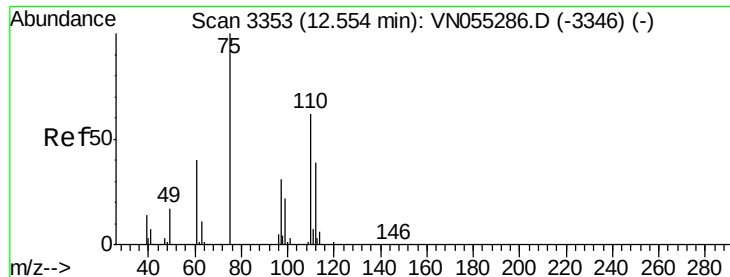
Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.2#

85 208.1 32.3 96.8#





#76

1,2,3-Trichloropropane

Concen: 36.643 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055355.D

Acq: 2 May 2019 17:35

Instrument :

MSVOA_N

ClientSampled :

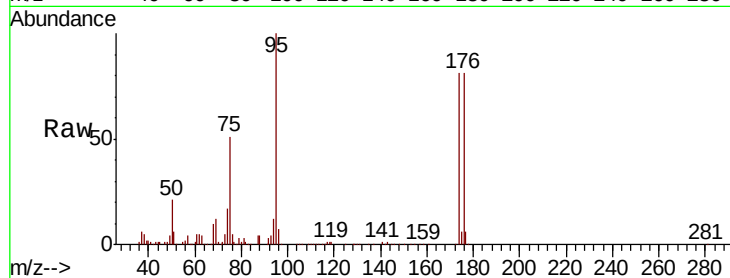
EP1-PZ-E3-4DL

Tot Ion: 75 Resp: 134954

Ion Ratio Lower Upper

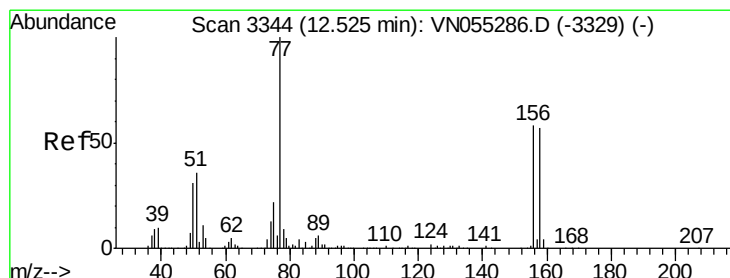
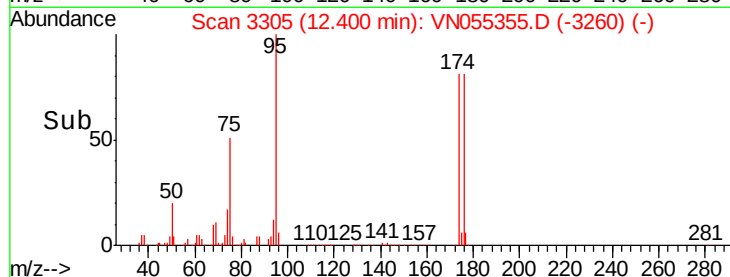
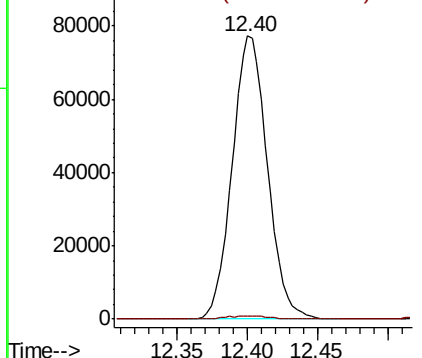
75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#77

Bromobenzene

Concen: Below Cal

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055355.D

Acq: 2 May 2019 17:35

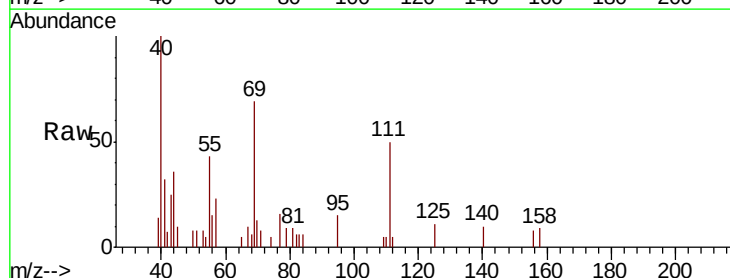
Tgt Ion: 156 Resp: 273

Ion Ratio Lower Upper

156 100

77 0.0 99.6 298.8#

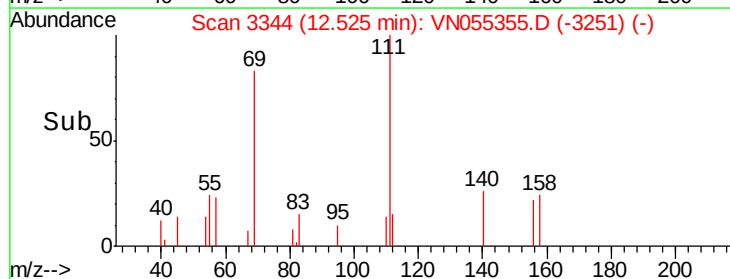
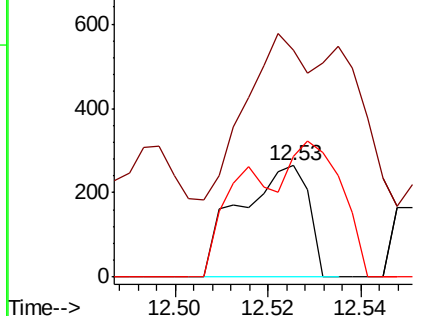
158 91.6 49.3 147.8

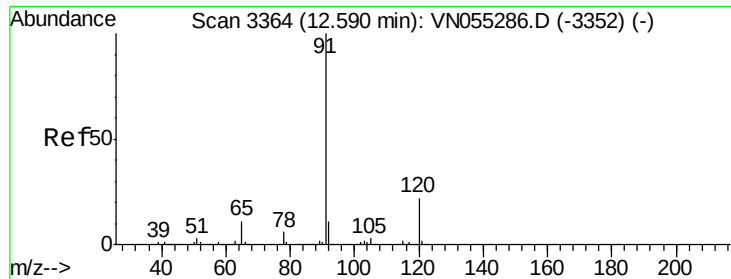


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 6.637 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055355.D

Acq: 2 May 2019 17:35

Instrument :

MSVOA_N

ClientSampled :

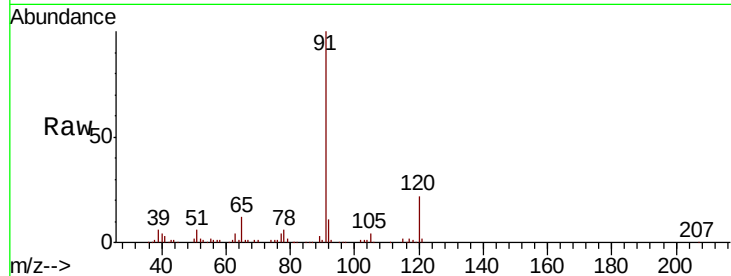
EP1-PZ-E3-4DL

Tot Ion: 91 Resp: 132649

Ion Ratio Lower Upper

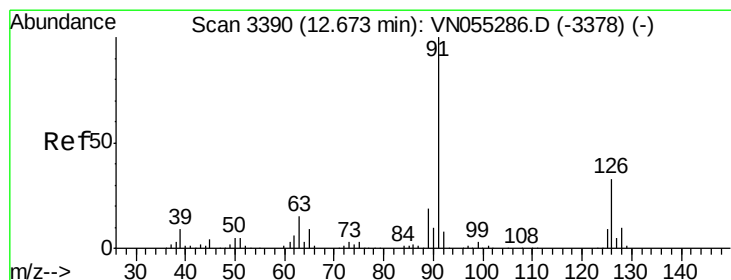
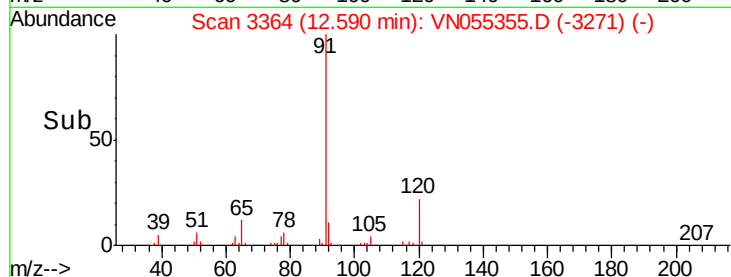
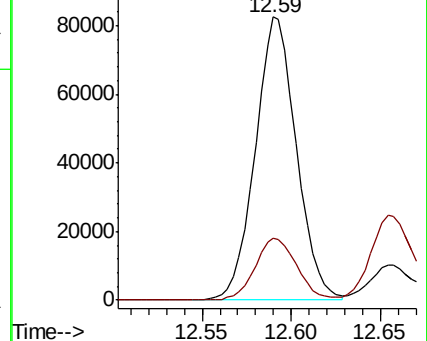
91 100

120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN055355.D

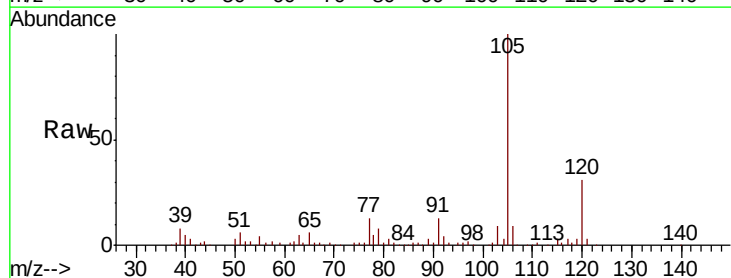
Acq: 2 May 2019 17:35

Tgt Ion: 91 Resp: 15916

Ion Ratio Lower Upper

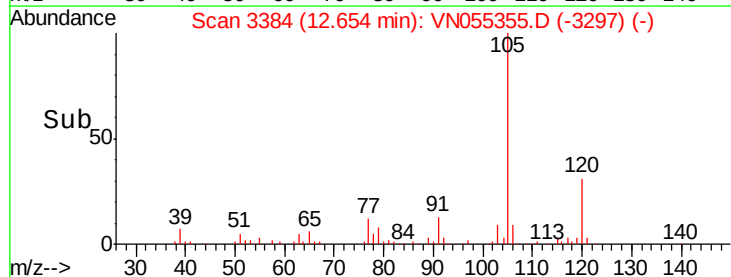
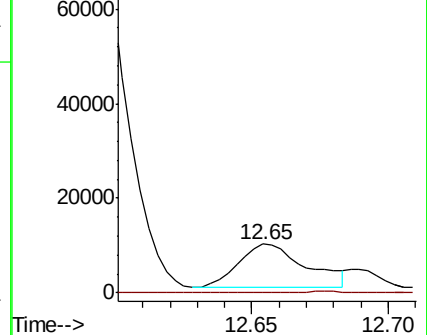
91 100

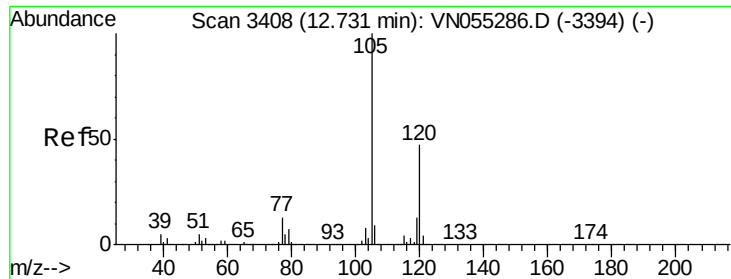
126 0.0 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 8.284 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055355.D

Acq: 2 May 2019 17:35

Instrument :

MSVOA_N

ClientSampled :

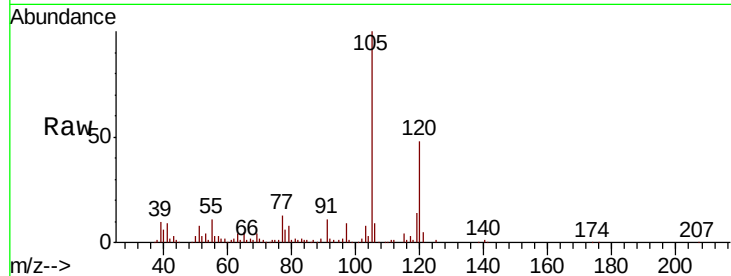
EP1-PZ-E3-4DL

Tot Ion:105 Resp: 126363

Ion Ratio Lower Upper

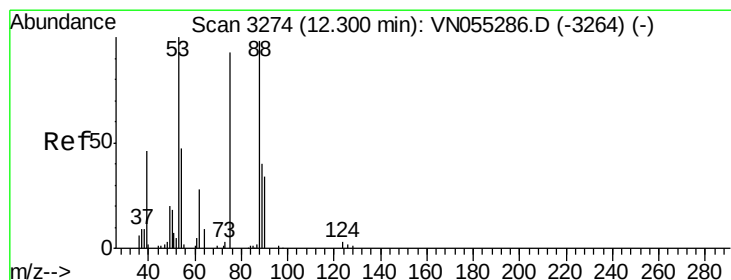
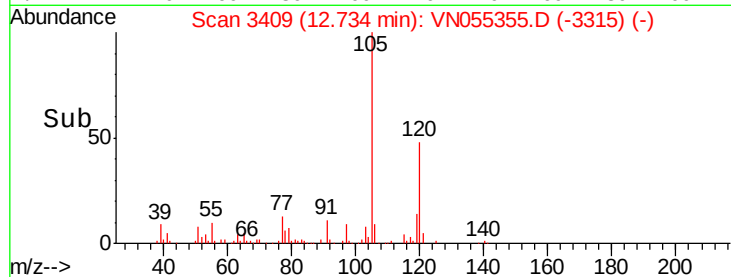
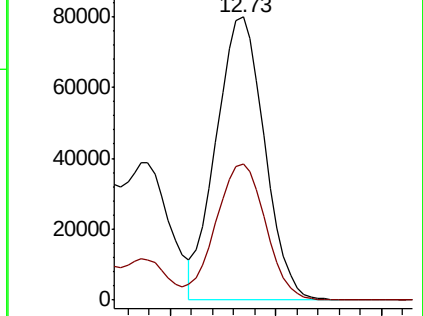
105 100

120 50.1 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: 131.441 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055355.D

Acq: 2 May 2019 17:35

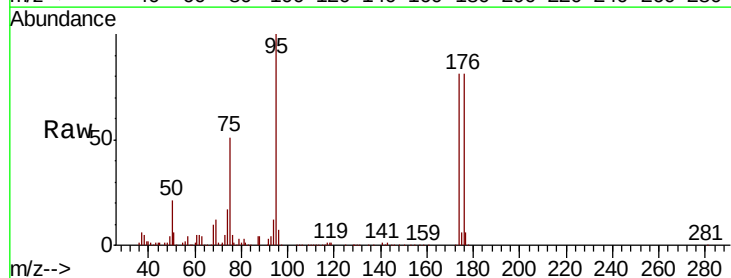
Tgt Ion: 75 Resp: 134954

Ion Ratio Lower Upper

75 100

53 0.0 86.3 129.5#

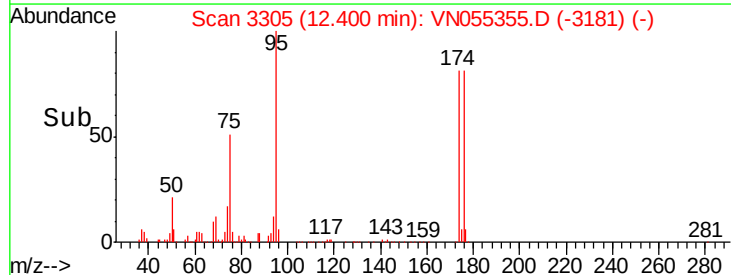
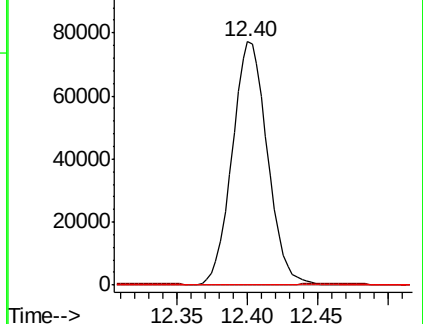
89 0.0 34.6 51.8#

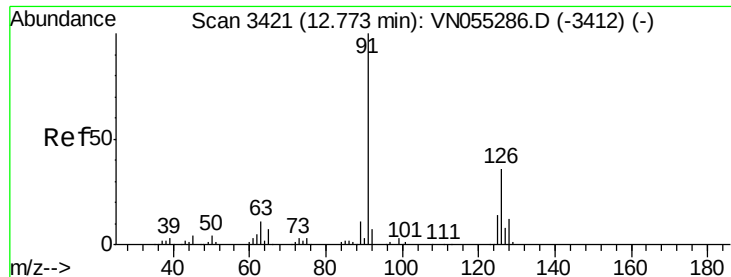


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

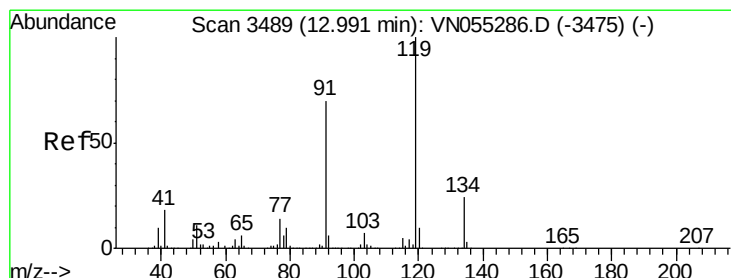
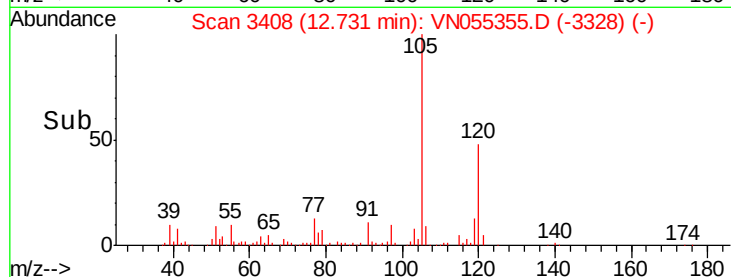
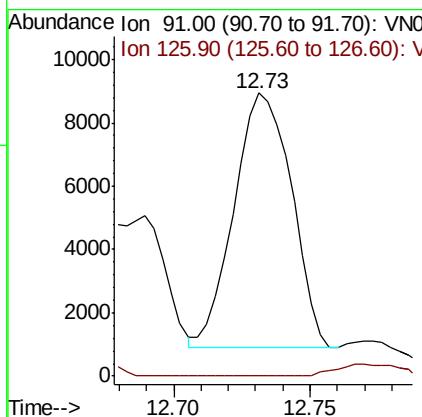
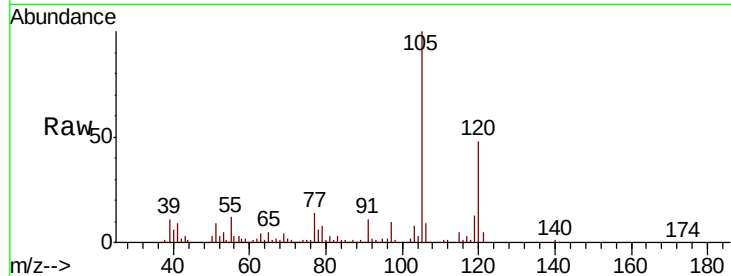




#82
 4-Chlorotoluene
 Concen: 1.015 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.04 min
 Lab File: VN055355.D
 Acq: 2 May 2019 17:35

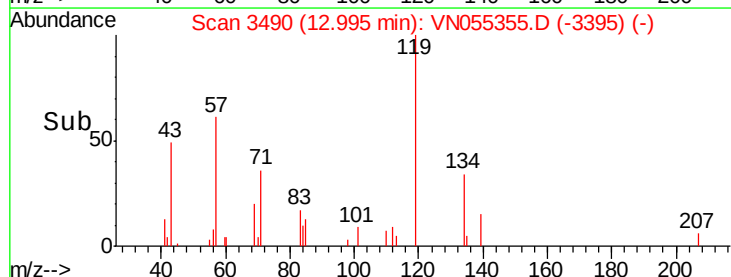
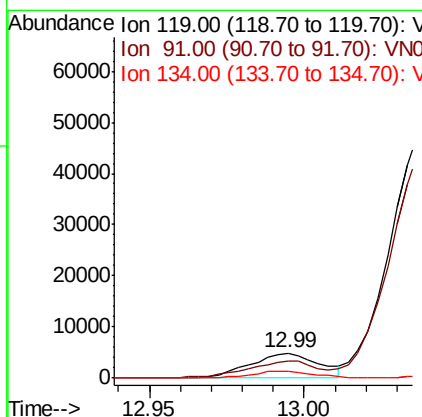
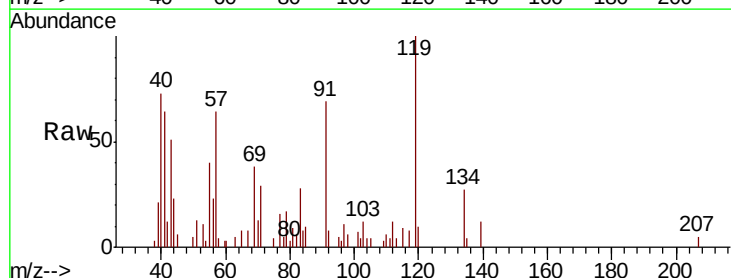
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-E3-4DL

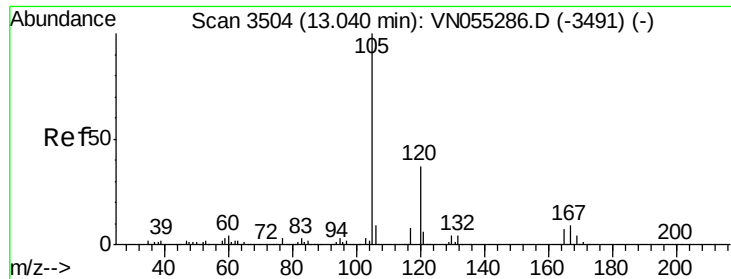
Tot Ion: 91 Resp: 11798
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.6 49.7#



#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN055355.D
 Acq: 2 May 2019 17:35

Tgt Ion: 119 Resp: 7480
 Ion Ratio Lower Upper
 119 100
 91 70.3 34.3 102.9
 134 26.2 13.1 39.3

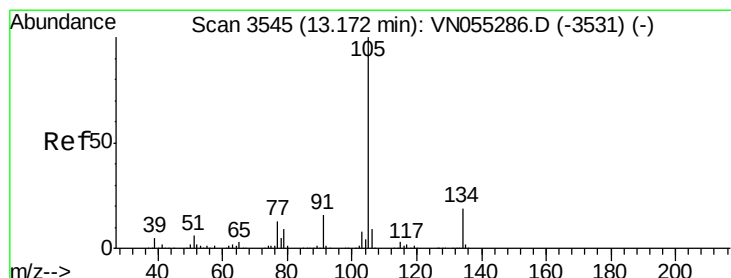
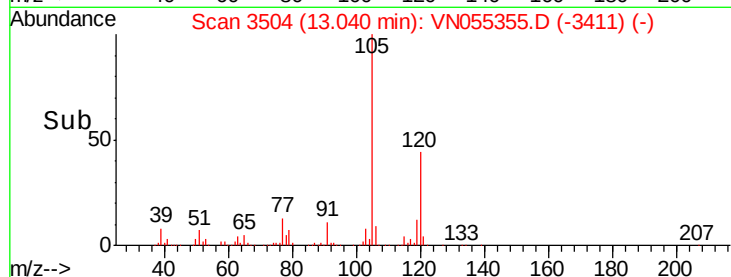
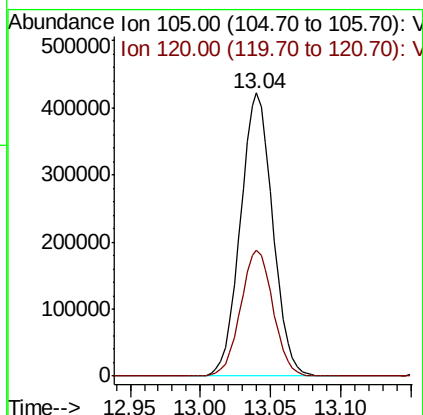
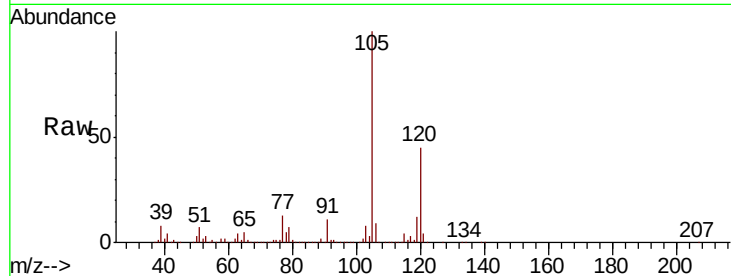




#84
 1,2,4-Trimethylbenzene
 Concen: 49.656 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055355.D
 Acq: 2 May 2019 17:35

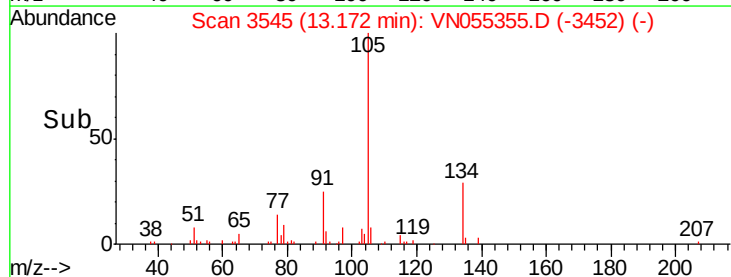
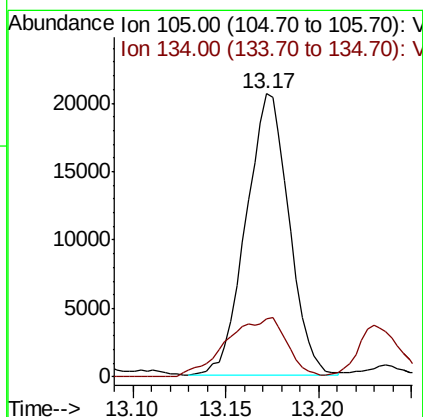
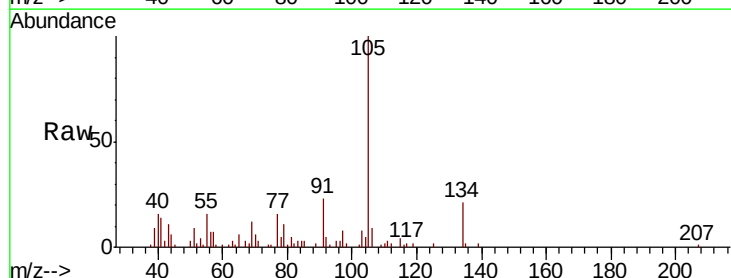
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-E3-4DL

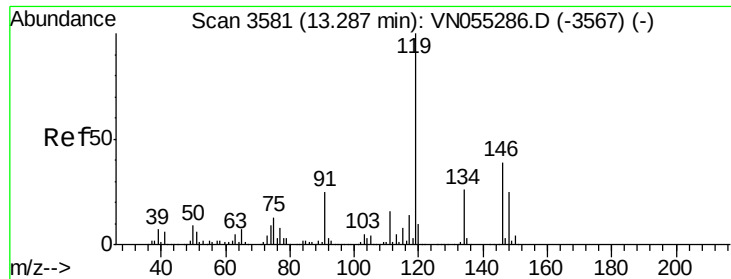
Tot Ion:105 Resp: 677420
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 1.984 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055355.D
 Acq: 2 May 2019 17:35

Tgt Ion:105 Resp: 32887
 Ion Ratio Lower Upper
 105 100
 134 29.9 9.6 28.8#

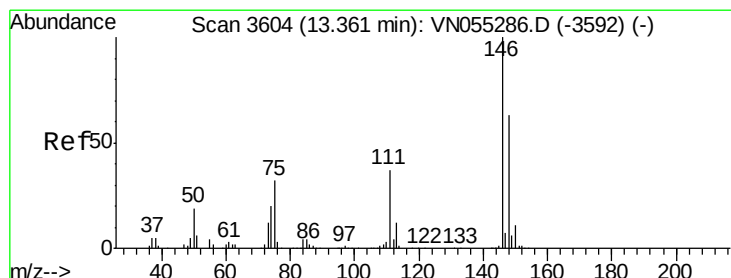
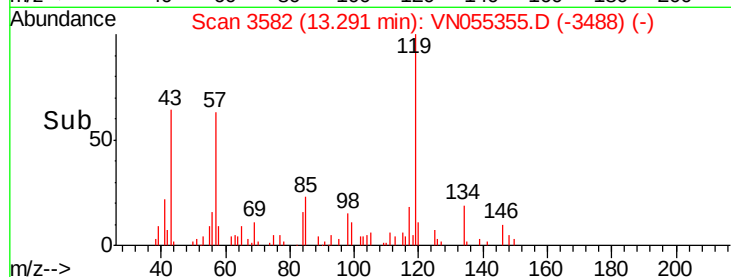
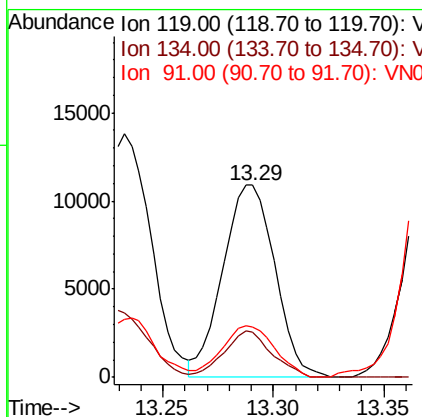
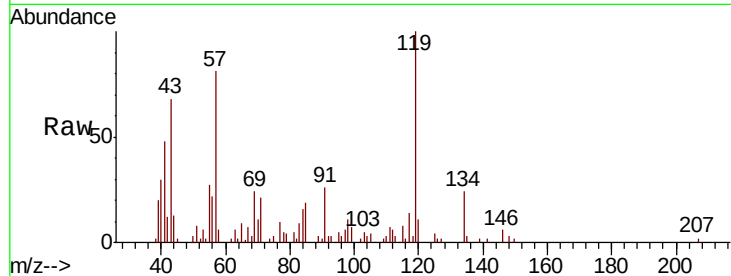




#86
 p-Isopropyltoluene
 Concen: 1.312 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN055355.D
 Acq: 2 May 2019 17:35

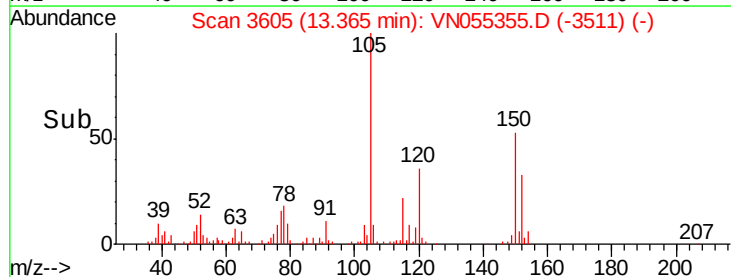
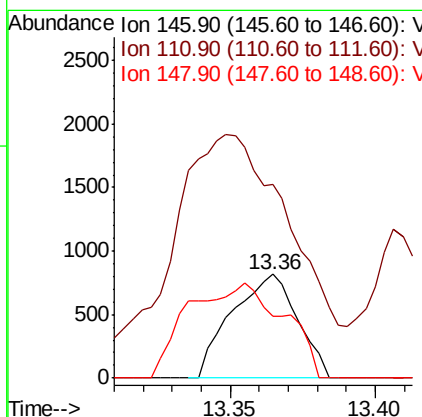
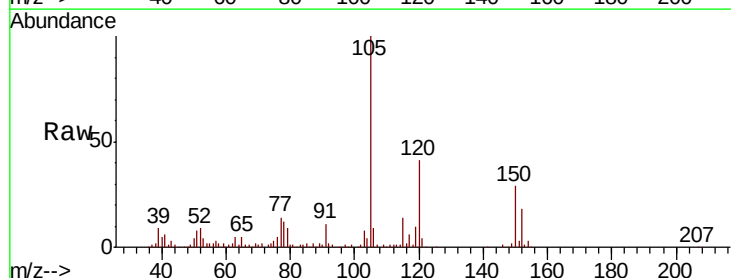
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-E3-4DL

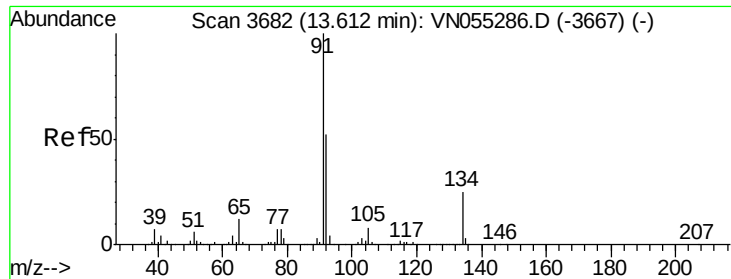
Tot Ion:119 Resp: 17877
 Ion Ratio Lower Upper
 119 100
 134 22.1 13.0 38.9
 91 27.4 12.2 36.6



#88
 1,4-Dichlorobenzene
 Concen: 0.209 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN055355.D
 Acq: 2 May 2019 17:35

Tgt Ion:146 Resp: 1284
 Ion Ratio Lower Upper
 146 100
 111 341.0 19.5 58.5#
 148 133.1 32.5 97.4#

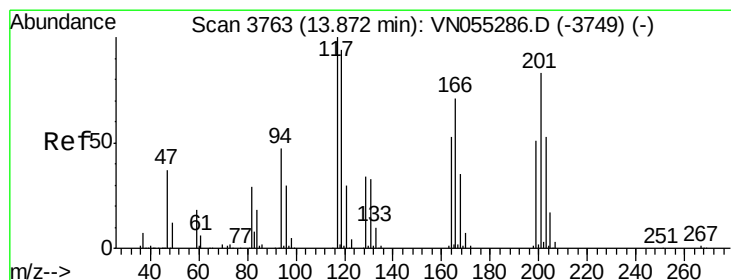
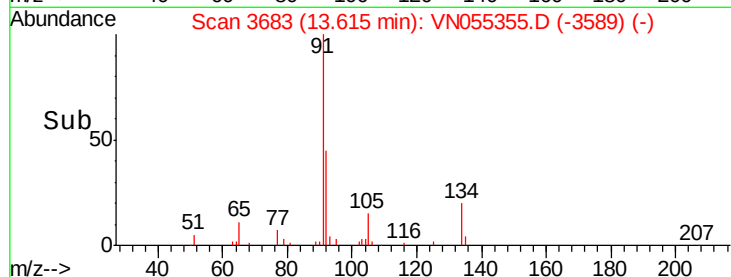
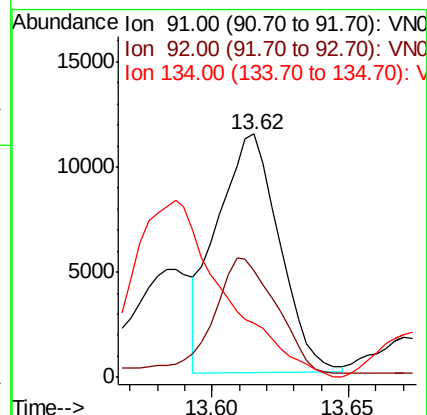
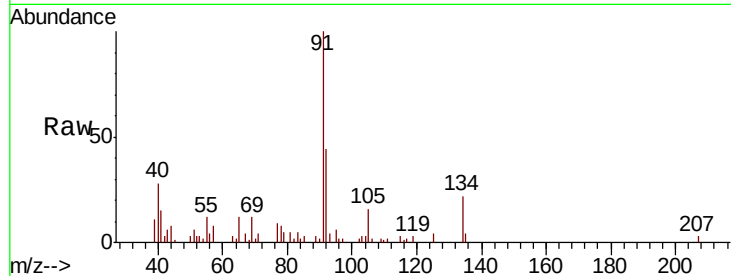




#89
n-Butylbenzene
Concen: 1.857 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN055355.D
Acq: 2 May 2019 17:35

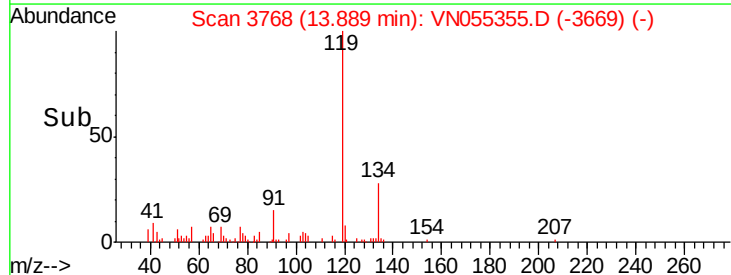
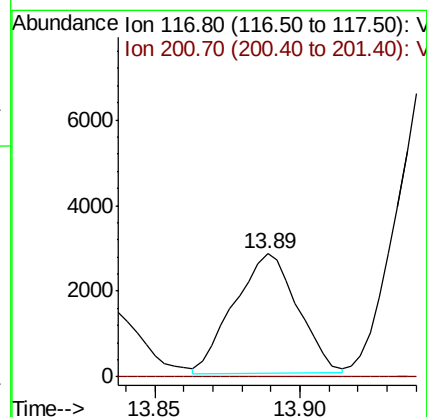
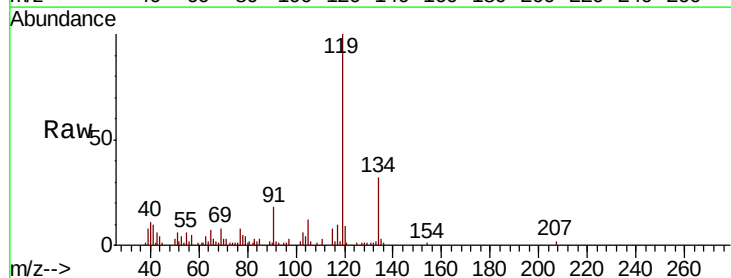
Instrument :
MSVOA_N
ClientSampled :
EP1-PZ-E3-4DL

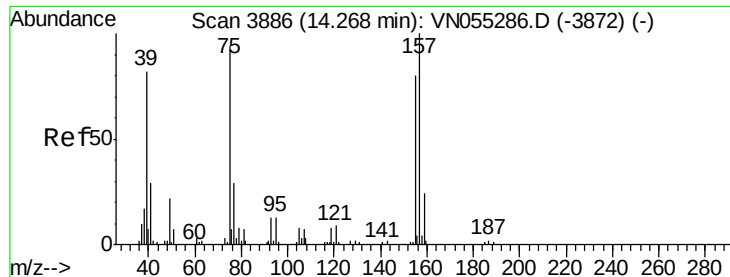
Tot Ion: 91 Resp: 17986
Ion Ratio Lower Upper
91 100
92 50.6 26.1 78.3
134 0.0 12.4 37.4#



#90
Hexachloroethane
Concen: 0.433 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.02 min
Lab File: VN055355.D
Acq: 2 May 2019 17:35

Tgt Ion: 117 Resp: 4304
Ion Ratio Lower Upper
117 100
201 0.0 41.9 125.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.291 ug/l

RT: 14.25 min Scan# 3881

Delta R.T. -0.02 min

Lab File: VN055355.D

Acq: 2 May 2019 17:35

Instrument :

MSVOA_N

ClientSampleId :

EP1-PZ-E3-4DL

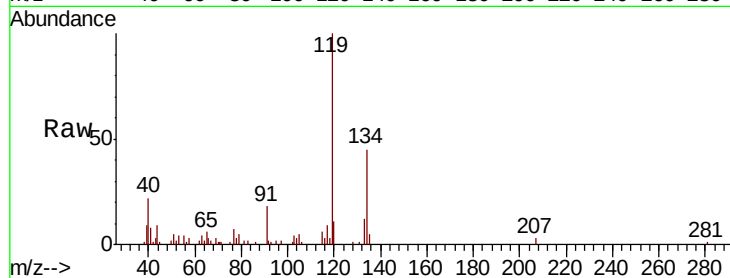
Tot Ion: 75 Resp: 149

Ion Ratio Lower Upper

75 100

155 0.0 41.5 124.6#

157 0.0 54.0 162.2#

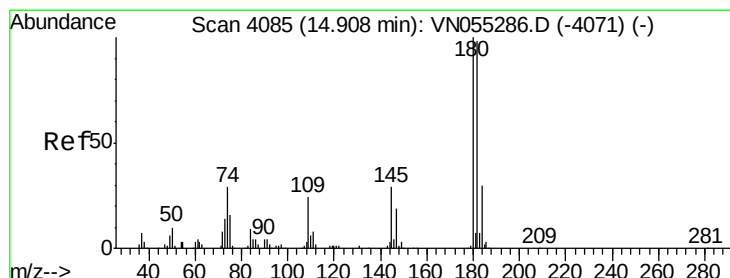
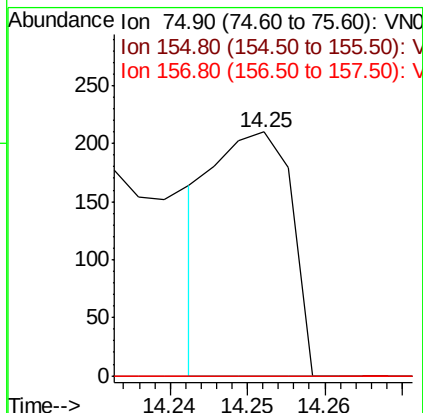
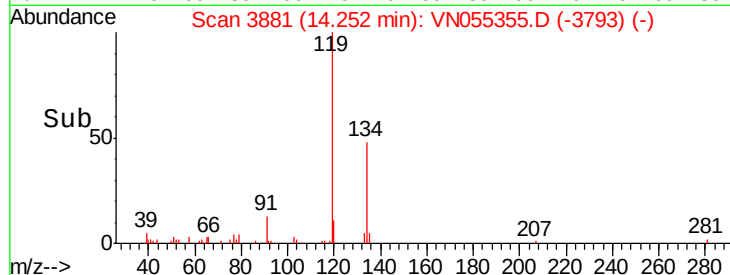


Abundance Ion 74.90 (74.60 to 75.60): VN055355.D (-3793) (-)

Ion 154.80 (154.50 to 155.50): VN055355.D (-3793) (-)

Ion 156.80 (156.50 to 157.50): VN055355.D (-3793) (-)

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 3.904 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN055355.D

Acq: 2 May 2019 17:35

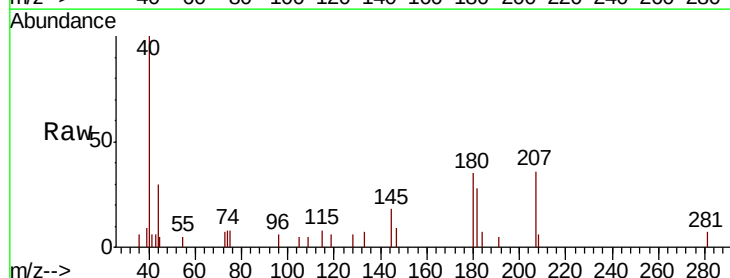
Tgt Ion: 180 Resp: 1616

Ion Ratio Lower Upper

180 100

182 83.6 48.3 144.9

145 71.6 14.2 42.6#

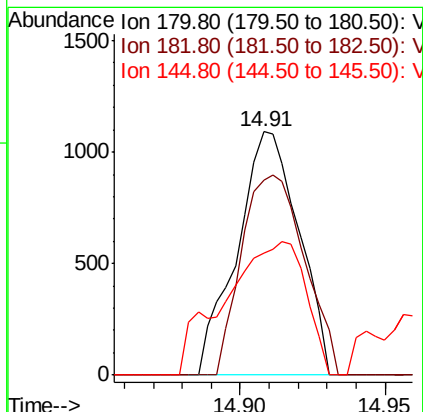
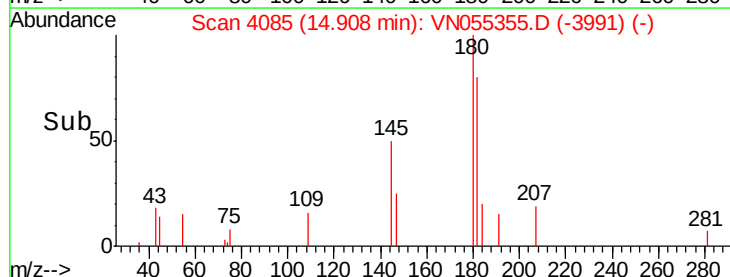


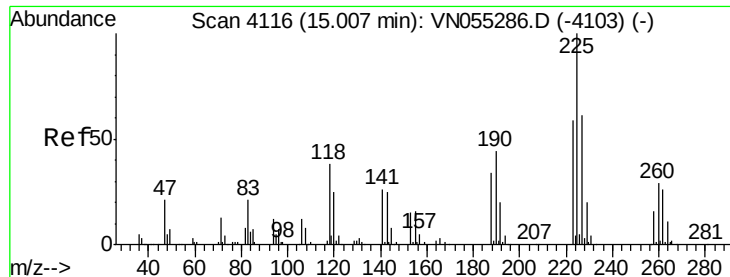
Abundance Ion 179.80 (179.50 to 180.50): VN055355.D (-3991) (-)

Ion 181.80 (181.50 to 182.50): VN055355.D (-3991) (-)

Ion 144.80 (144.50 to 145.50): VN055355.D (-3991) (-)

Time-->





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN055355.D

Acq: 2 May 2019 17:35

Instrument :

MSVOA_N

ClientSampleId :

EP1-PZ-E3-4DL

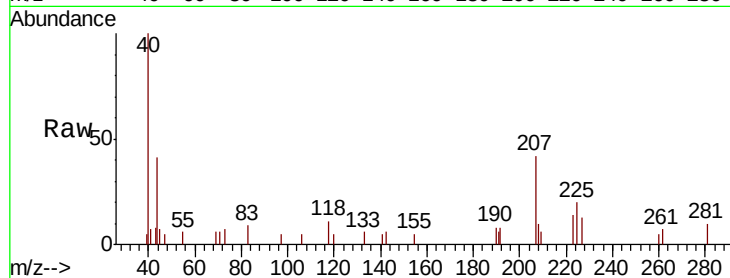
Tot Ion:225 Resp: 870

Ion Ratio Lower Upper

225 100

223 60.1 30.3 90.8

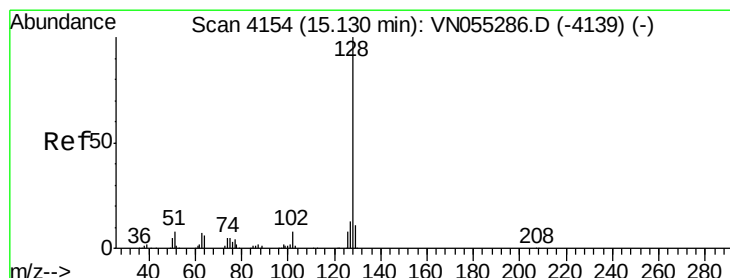
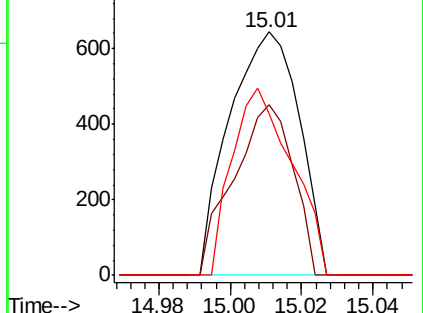
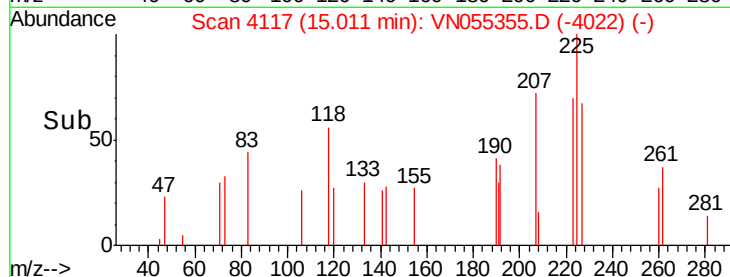
227 66.2 30.9 92.7



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: 6.074 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055355.D

Acq: 2 May 2019 17:35

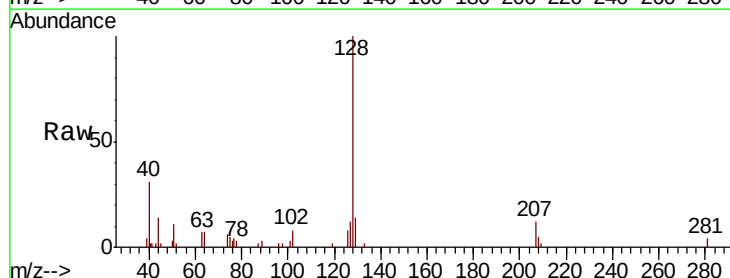
Tgt Ion:128 Resp: 15908

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

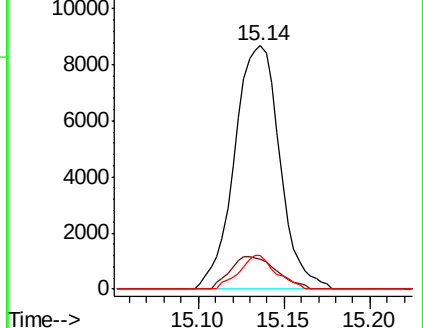
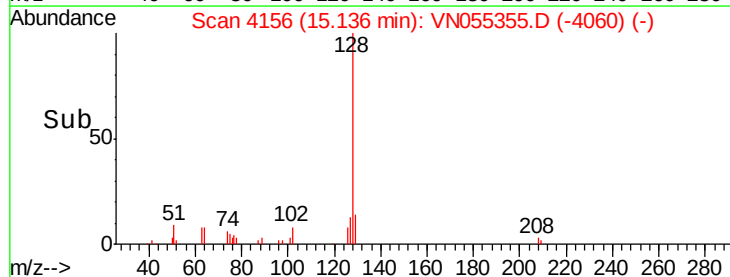
129 11.2 8.6 13.0

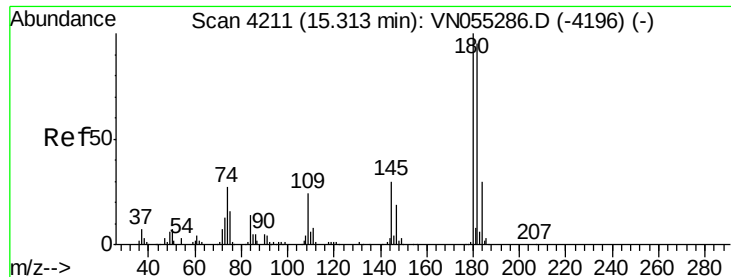


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 3.057 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. -0.00 min
 Lab File: VN055355.D
 Acq: 2 May 2019 17:35

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-E3-4DL

Tot Ion	Ratio	Lower	Upper
180	100		
182	150.0	48.3	144.9#
145	41.2	15.2	45.6

