

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050219\
 Data File : VN055340.D
 Acq On : 2 May 2019 10:47
 Operator : JC/SP
 Sample : PB119387TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB119387TB

Quant Time: May 03 01:51:05 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	338160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	591132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	547225	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	154750	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	242610	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	
35) Dibromofluoromethane	7.59	113	196993	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
50) Toluene-d8	10.09	98	723245	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
62) 4-Bromofluorobenzene	12.40	95	230407	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	

Target Compounds

					Qvalue
11) Tert butyl alcohol	4.79	59	102	0.403 ug/l #	73
16) Acetone	3.83	43	8741	6.341 ug/l	90
17) Carbon Disulfide	4.07	76	3183	0.365 ug/l #	74
18) Methyl Acetate	4.33	43	2358	Below Cal #	83
20) Methylene Chloride	4.54	84	3262	0.775 ug/l	94
25) 2-Butanone	6.86	43	4526	2.567 ug/l	99
29) Tetrahydrofuran	7.21	42	879	0.779 ug/l #	50
31) Cyclohexane	7.66	56	7659	1.101 ug/l #	1
38) Carbon Tetrachloride	7.67	117	32330	5.919 ug/l #	17
41) Methacrylonitrile	7.17	41	117	0.789 ug/l #	23
43) Isopropyl Acetate	8.17	43	14533	2.084 ug/l #	89
45) 1,2-Dichloropropane	9.27	63	1307	0.271 ug/l #	45
48) Methyl methacrylate	9.18	41	8279	2.415 ug/l #	18
51) 4-Methyl-2-Pentanone	9.99	43	5443	1.386 ug/l	95
52) Toluene	10.15	92	1918	0.200 ug/l	94
54) cis-1,3-Dichloropropene	9.90	75	51513	8.431 ug/l #	70
57) 1,3-Dichloropropane	10.77	76	10390	1.665 ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.69	63	64	12.450 ug/l #	52
59) 2-Hexanone	10.76	43	179028	72.873 ug/l #	54
71) Bromoform	12.39	173	567	0.244 ug/l #	29
73) Isopropylbenzene	12.25	105	1295	Below Cal	92
74) N-amyl acetate	11.88	43	17116	4.310 ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.50	83	251	Below Cal #	38
76) 1,2,3-Trichloropropane	12.40	75	121250	41.737 ug/l #	100
77) Bromobenzene	12.53	156	520	Below Cal	90
79) 2-Chlorotoluene	12.68	91	1056	Below Cal	80
80) 1,3,5-Trimethylbenzene	12.73	105	5894	0.486 ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	121250	148.483 ug/l #	7
83) tert-Butylbenzene	12.99	119	1102	Below Cal	67
87) 1,3-Dichlorobenzene	13.28	146	1053	0.203 ug/l	70
88) 1,4-Dichlorobenzene	13.28	146	1053	0.216 ug/l	69
89) n-Butylbenzene	13.61	91	2426	0.315 ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	1254	0.244 ug/l	82
93) 1,2,4-Trichlorobenzene	14.90	180	604	3.589 ug/l #	5

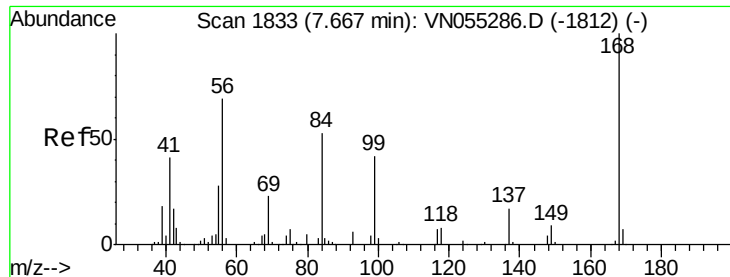
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050219\
Data File : VN055340.D
Acq On : 2 May 2019 10:47
Operator : JC/SP
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Quant Time: May 03 01:51:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	783	Below Cal	85
95) Naphthalene	15.14	128	2930	3.964 ug/l #	86
96) 1,2,3-Trichlorobenzene	15.32	180	1279	3.221 ug/l	92

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055340.D

Acq: 2 May 2019 10:47

Instrument :

MSVOA_N

ClientSampleId :

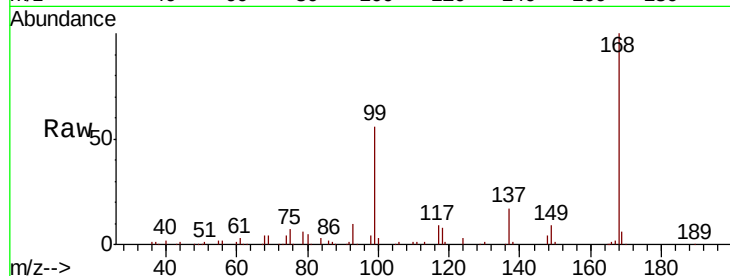
PB119387TB

Tot Ion:168 Resp: 338160

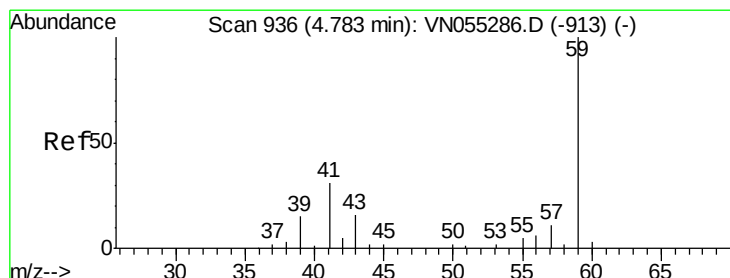
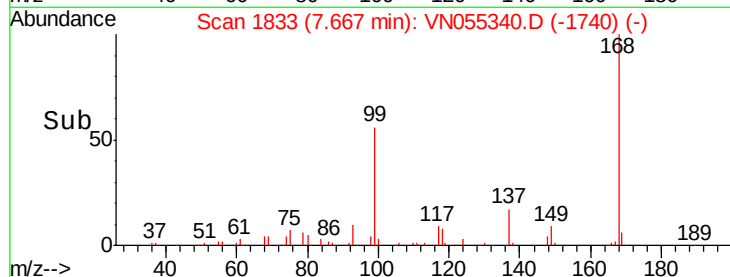
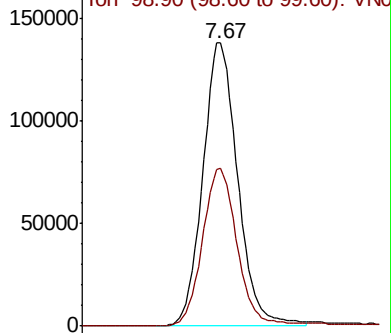
Ion Ratio Lower Upper

168 100

99 55.7 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055340.D (-1740) (-)



#11

Tert butyl alcohol

Concen: 0.403 ug/l

RT: 4.79 min Scan# 938

Delta R.T. 0.01 min

Lab File: VN055340.D

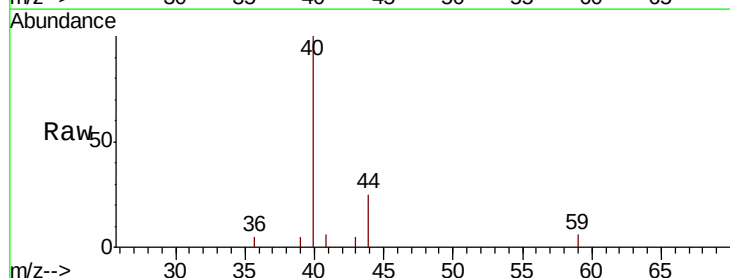
Acq: 2 May 2019 10:47

Tgt Ion: 59 Resp: 102

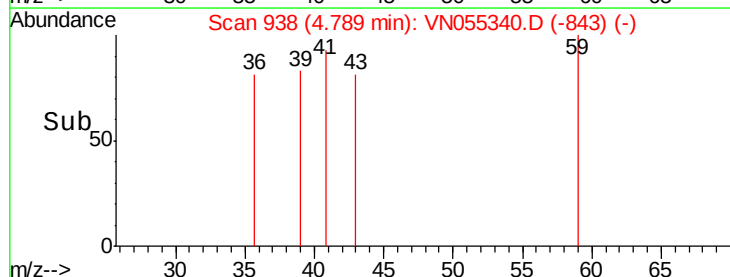
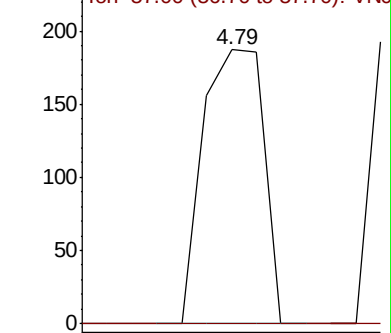
Ion Ratio Lower Upper

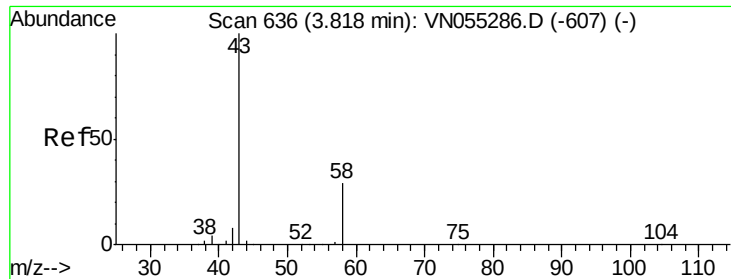
59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN055340.D (-843) (-)





#16

Acetone

Concen: 6.341 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN055340.D

Acq: 2 May 2019 10:47

Instrument :

MSVOA_N

ClientSampled :

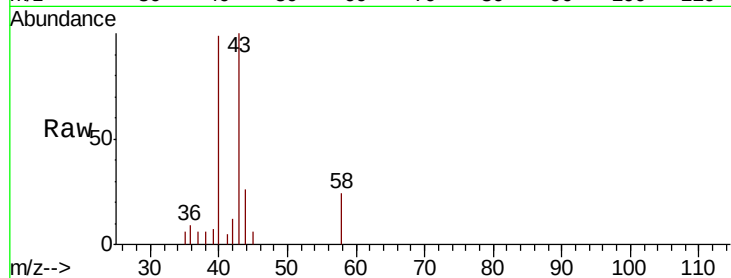
PB119387TB

Tot Ion: 43 Resp: 8741

Ion Ratio Lower Upper

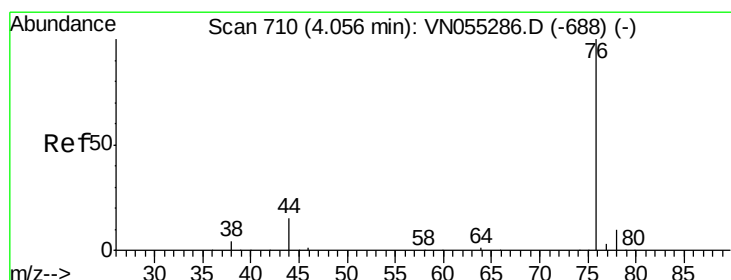
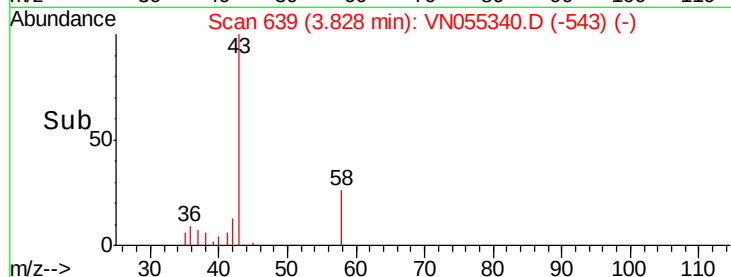
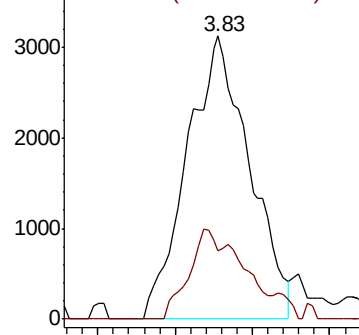
43 100

58 24.3 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.365 ug/l

RT: 4.07 min Scan# 714

Delta R.T. 0.01 min

Lab File: VN055340.D

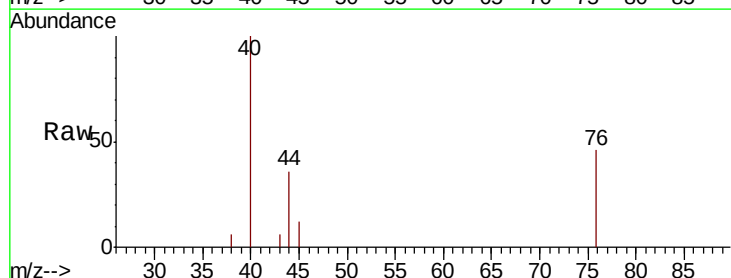
Acq: 2 May 2019 10:47

Tgt Ion: 76 Resp: 3183

Ion Ratio Lower Upper

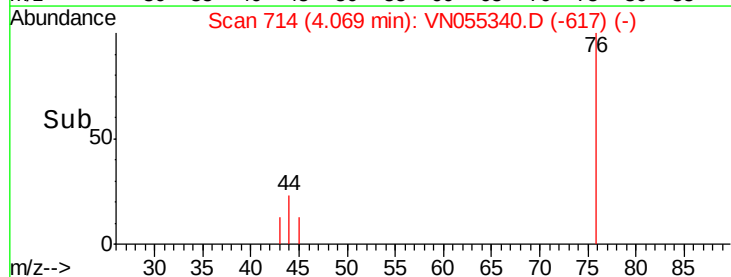
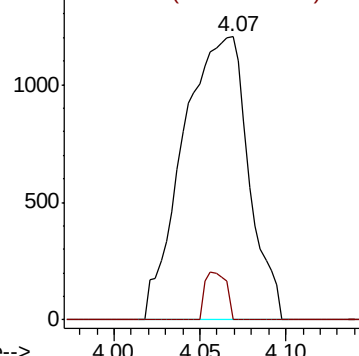
76 100

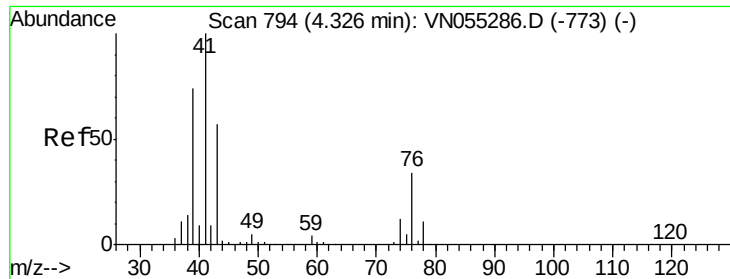
78 0.0 7.6 11.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

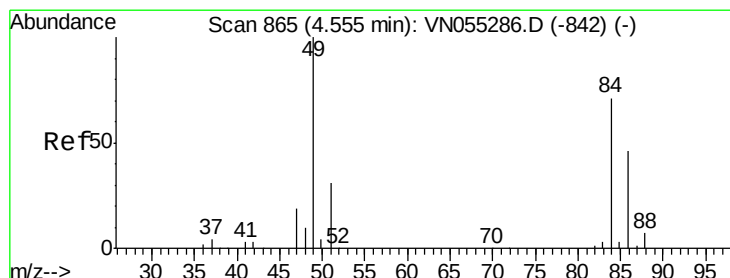
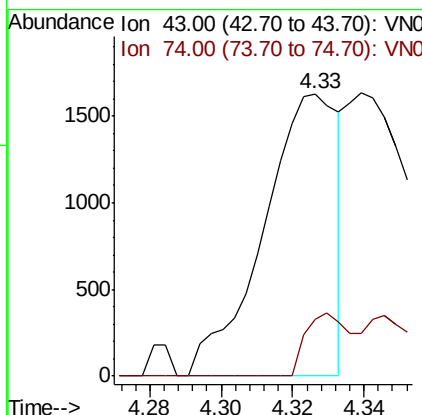
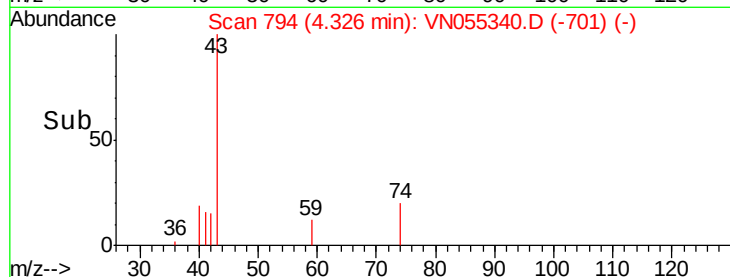
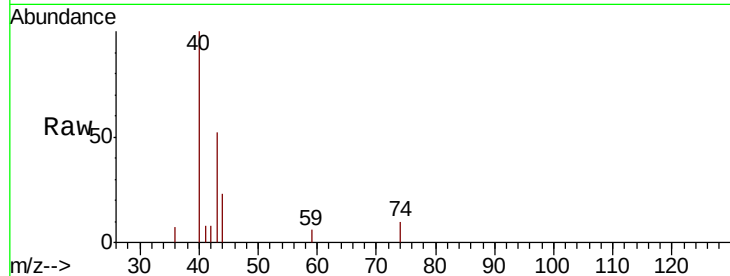




#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055340.D
Acq: 2 May 2019 10:47

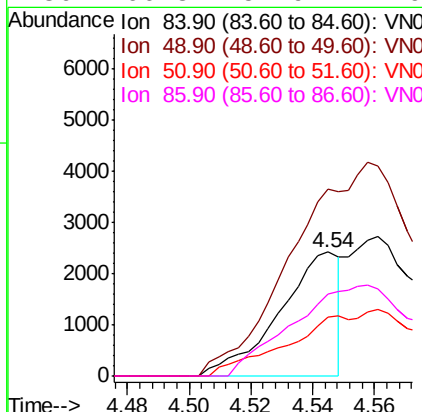
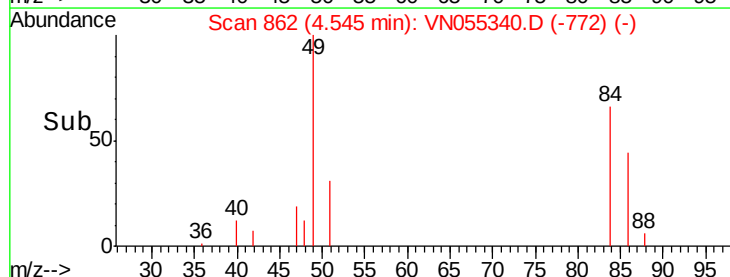
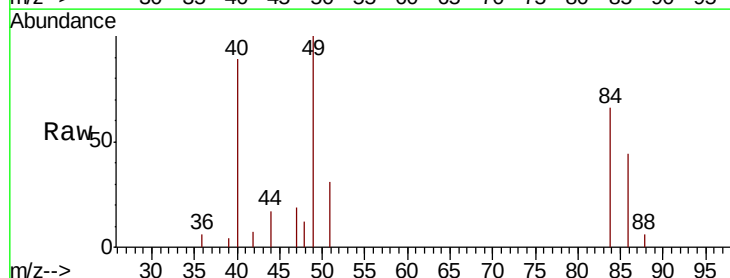
Instrument :
MSVOA_N
ClientSampled :
PB119387TB

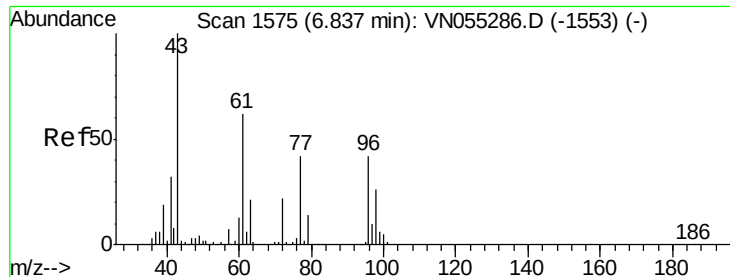
Tot Ion: 43 Resp: 2358
Ion Ratio Lower Upper
43 100
74 12.2 15.8 23.8#



#20
Methylene Chloride
Concen: 0.775 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.01 min
Lab File: VN055340.D
Acq: 2 May 2019 10:47

Tgt Ion: 84 Resp: 3262
Ion Ratio Lower Upper
84 100
49 150.8 112.4 168.6
51 47.2 34.6 51.8
86 66.3 51.9 77.9





#25

2-Butanone

Concen: 2.567 ug/l

RT: 6.86 min Scan# 1581

Delta R.T. 0.02 min

Lab File: VN055340.D

Acq: 2 May 2019 10:47

Instrument :

MSVOA_N

ClientSampled :

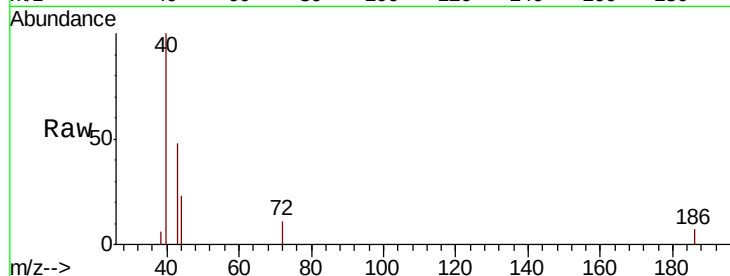
PB119387TB

Tot Ion: 43 Resp: 4526

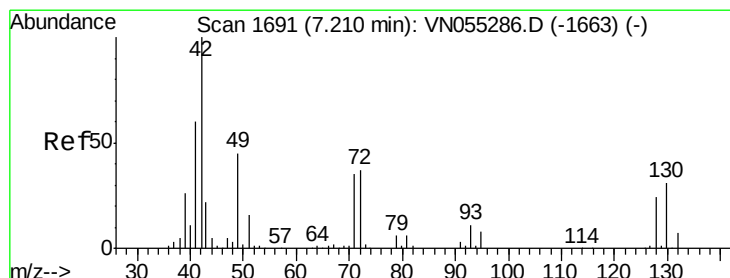
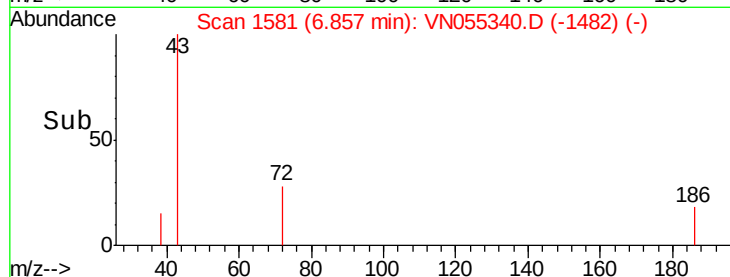
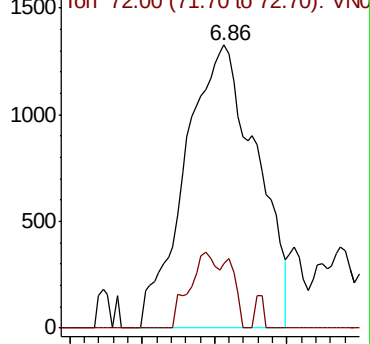
Ion Ratio Lower Upper

43 100

72 22.9 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-1553) (-)



#29

Tetrahydrofuran

Concen: 0.779 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN055340.D

Acq: 2 May 2019 10:47

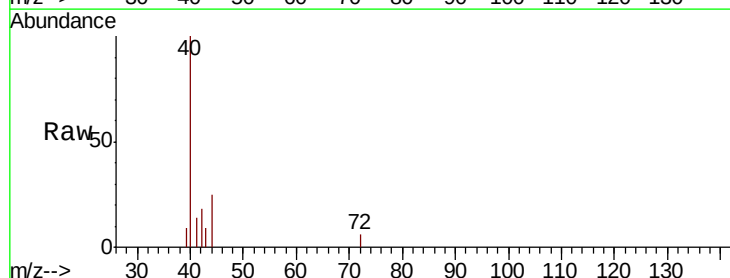
Tgt Ion: 42 Resp: 879

Ion Ratio Lower Upper

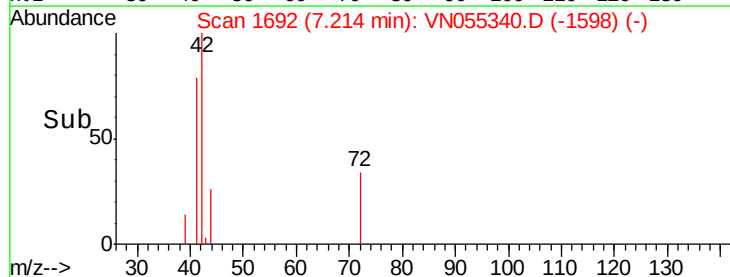
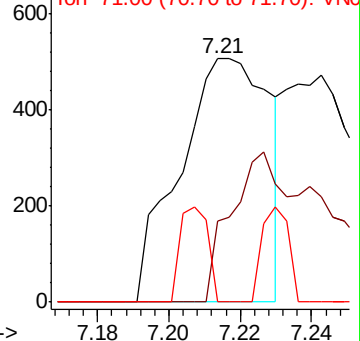
42 100

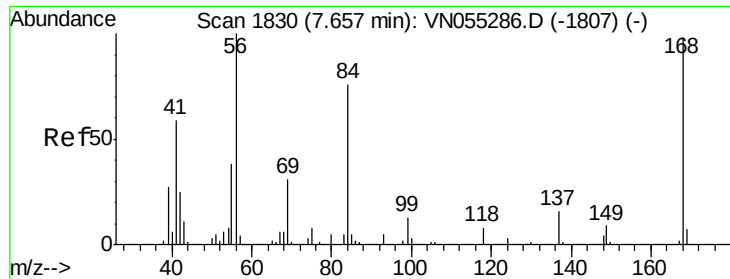
72 0.0 29.0 43.6#

71 12.2 27.1 40.7#



Abundance Ion 42.00 (41.70 to 42.70): VN055286.D (-1663) (-)

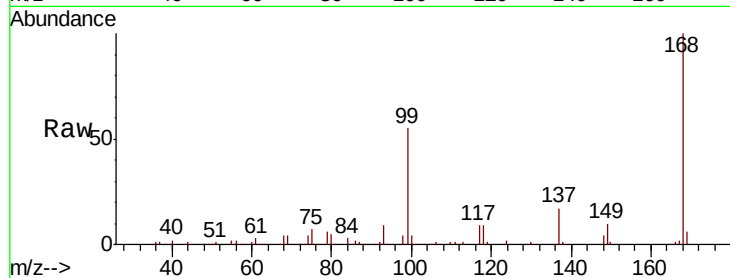




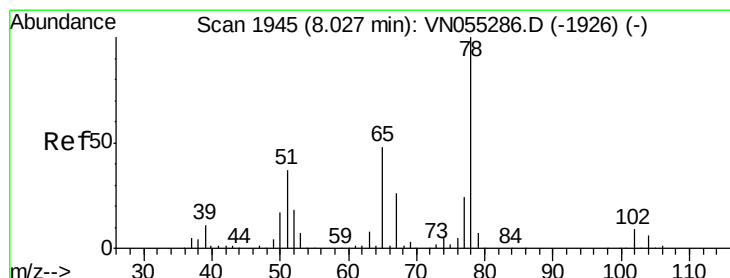
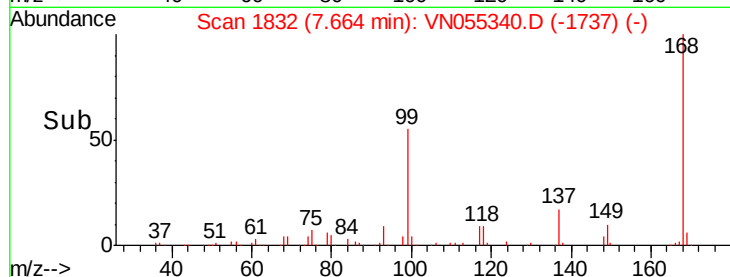
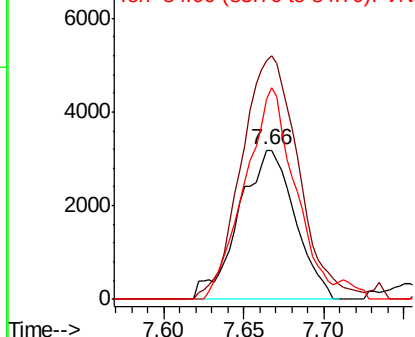
#31
Cyclohexane
Concen: 1.101 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN055340.D
Acq: 2 May 2019 10:47

Instrument :
MSVOA_N
ClientSampleId :
PB119387TB

Tot Ion: 56 Resp: 7659
Ion Ratio Lower Upper
56 100
69 160.1 25.2 37.8#
84 133.9 61.1 91.7#

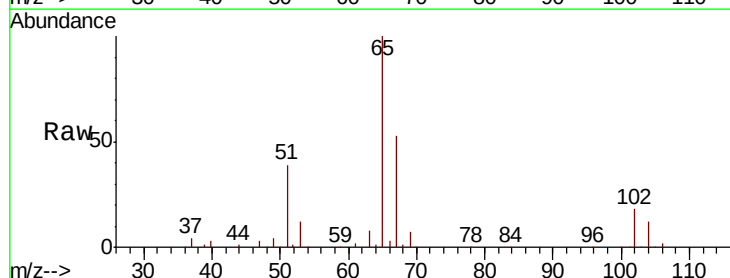


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

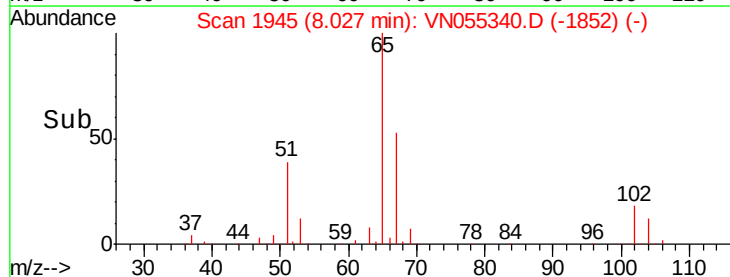
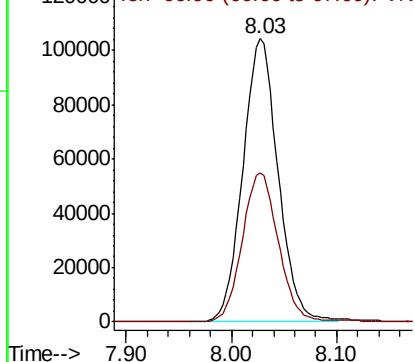


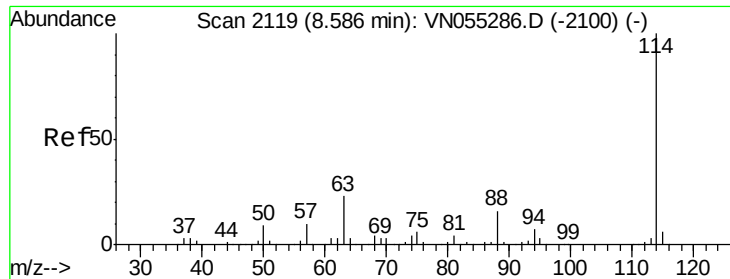
#33
1,2-Dichloroethane-d4
Concen: 54.841 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055340.D
Acq: 2 May 2019 10:47

Tgt Ion: 65 Resp: 242610
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055340.D

Acq: 2 May 2019 10:47

Instrument :

MSVOA_N

ClientSampleId :

PB119387TB

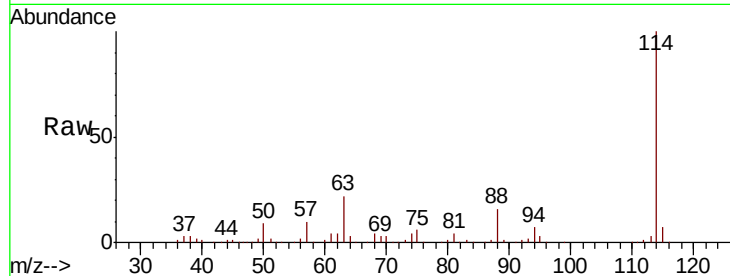
Tot Ion:114 Resp: 591132

Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.2

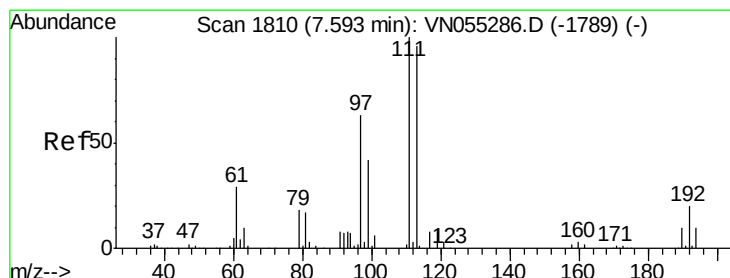
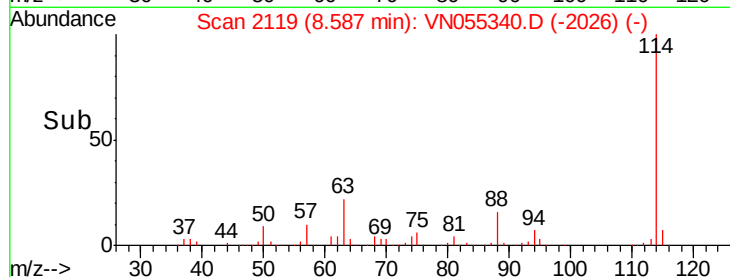
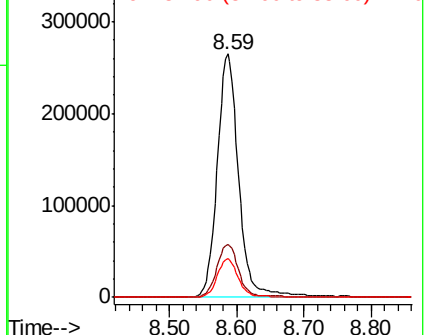
88 15.8 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.771 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055340.D

Acq: 2 May 2019 10:47

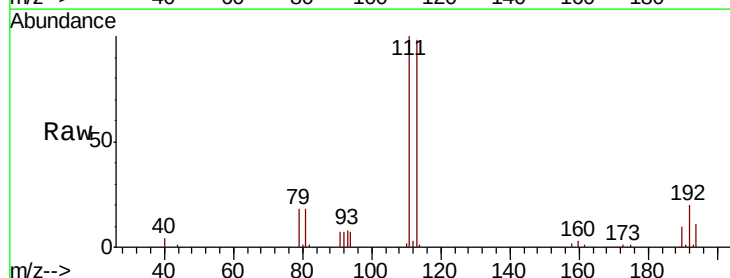
Tgt Ion:113 Resp: 196993

Ion Ratio Lower Upper

113 100

111 100.4 82.3 123.5

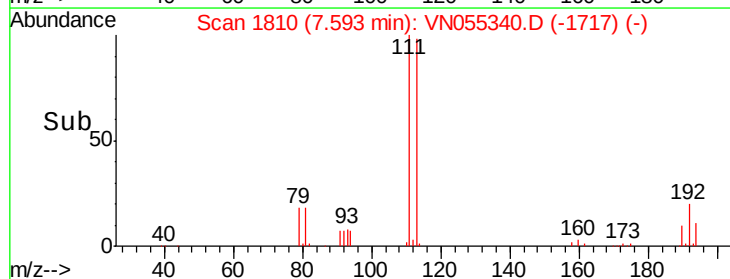
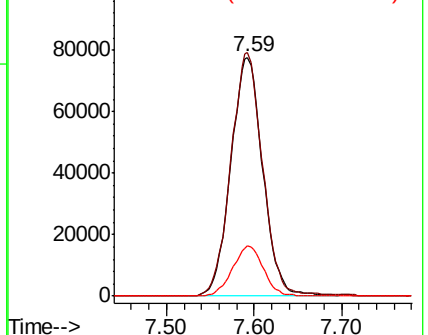
192 20.2 17.0 25.6

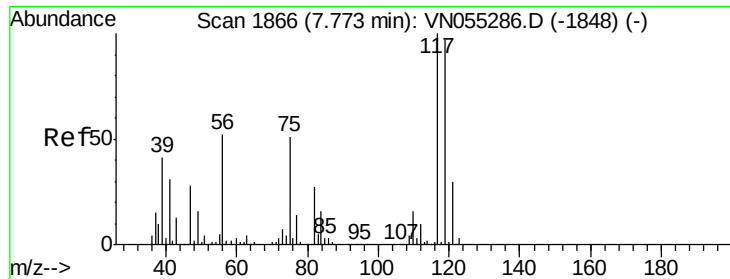


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#38

Carbon Tetrachloride

Concen: 5.919 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055340.D

Acq: 2 May 2019 10:47

Instrument :

MSVOA_N

ClientSampled :

PB119387TB

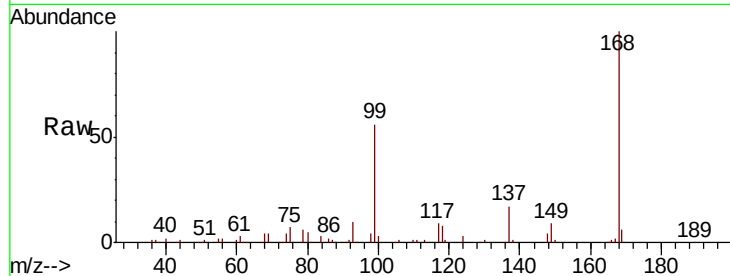
Tot Ion:117 Resp: 32330

Ion Ratio Lower Upper

117 100

119 6.7 77.0 115.6#

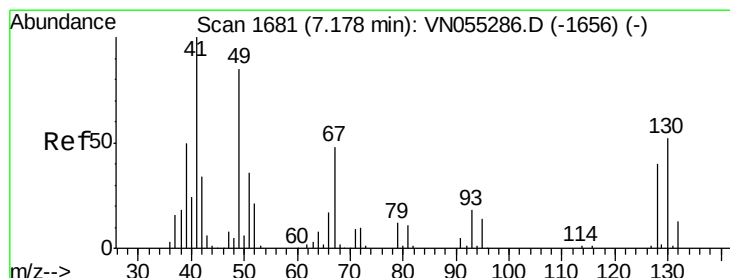
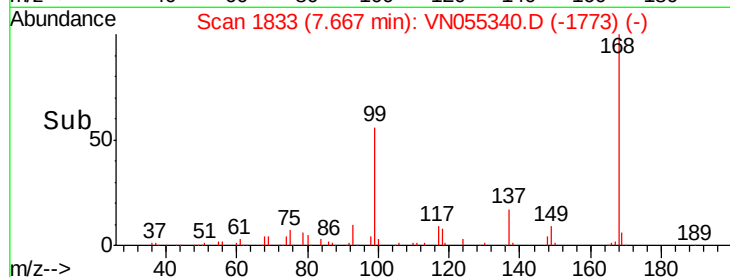
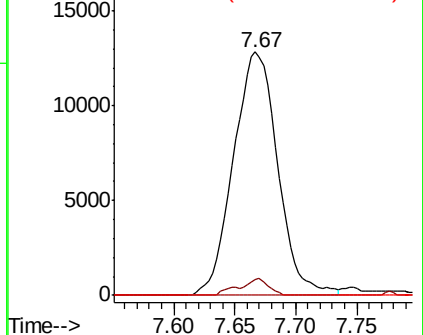
121 0.0 23.8 35.8#



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: 0.789 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.01 min

Lab File: VN055340.D

Acq: 2 May 2019 10:47

Tgt Ion: 41 Resp: 117

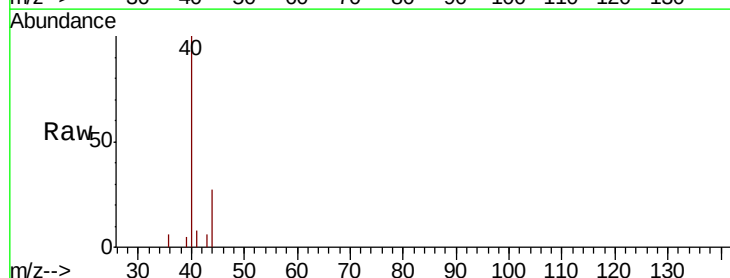
Ion Ratio Lower Upper

41 100

39 0.0 48.5 72.7#

67 0.0 54.9 82.3#

52 0.0 24.9 37.3#

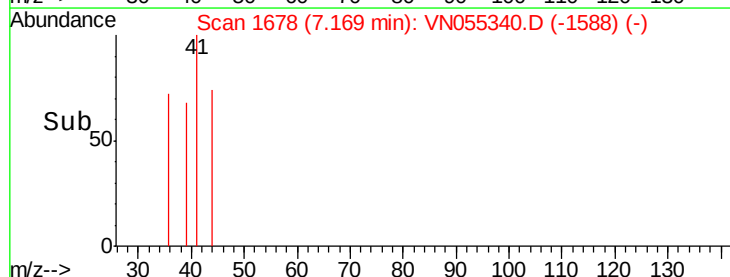
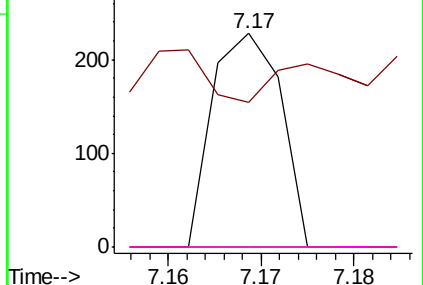


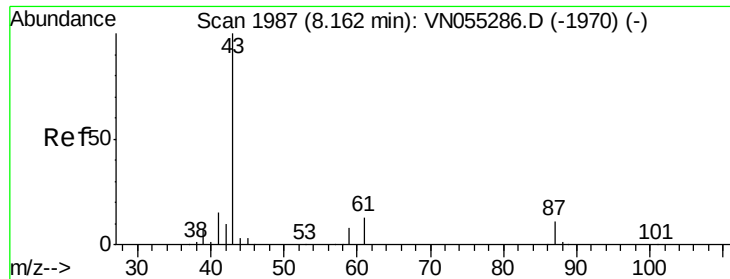
Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO





#43

Isopropyl Acetate

Concen: 2.084 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055340.D

Acq: 2 May 2019 10:47

Instrument :

MSVOA_N

ClientSampled :

PB119387TB

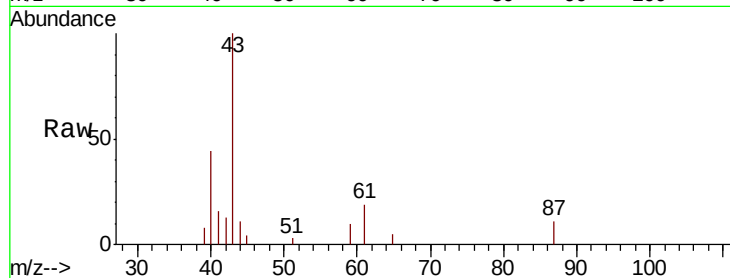
Tot Ion: 43 Resp: 14533

Ion Ratio Lower Upper

43 100

61 18.6 20.8 31.2#

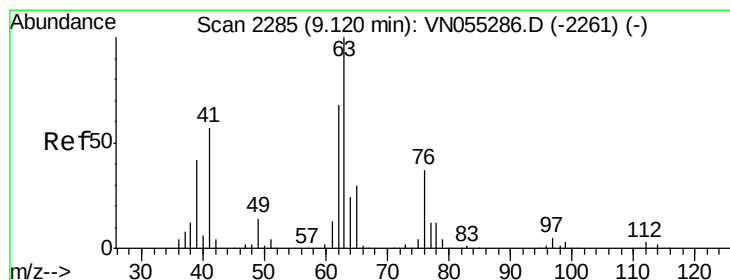
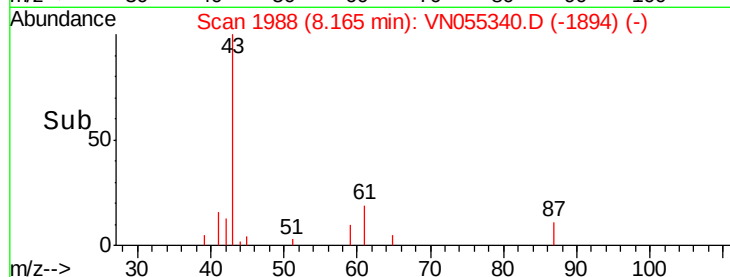
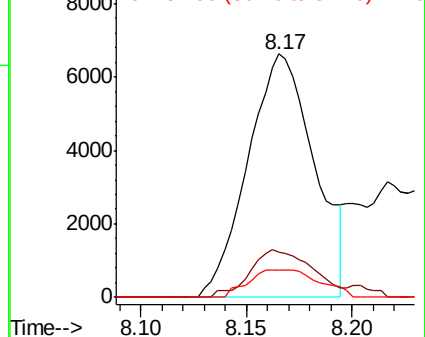
87 12.0 8.5 12.7



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



#45

1,2-Dichloropropane

Concen: 0.271 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN055340.D

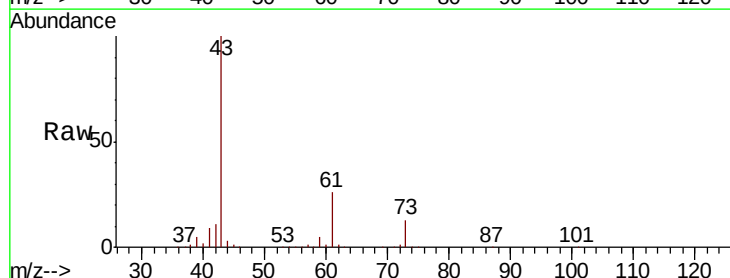
Acq: 2 May 2019 10:47

Tgt Ion: 63 Resp: 1307

Ion Ratio Lower Upper

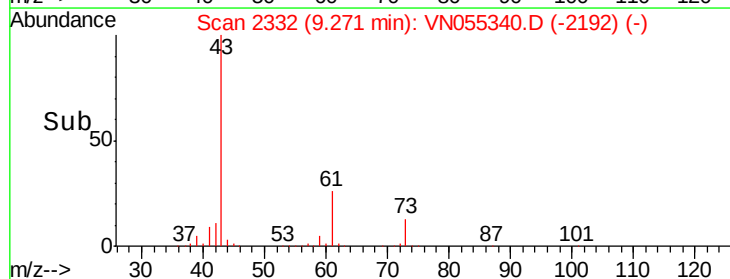
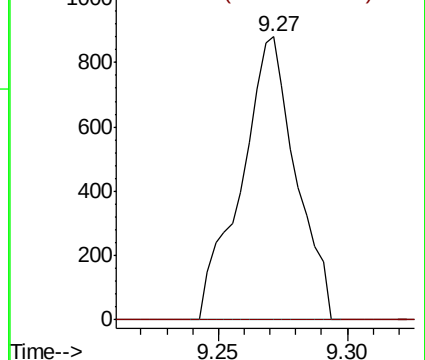
63 100

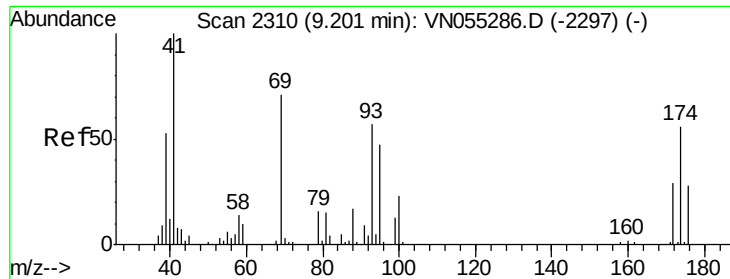
65 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





#48

Methvl methacrylate

Concen: 2.415 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN055340.D

Acq: 2 May 2019 10:47

Instrument :

MSVOA_N

ClientSampleId :

PB119387TB

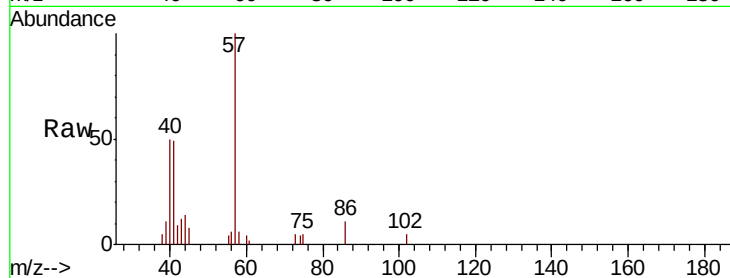
Tot Ion: 41 Resp: 8279

Ion Ratio Lower Upper

41 100

69 0.0 58.6 87.8#

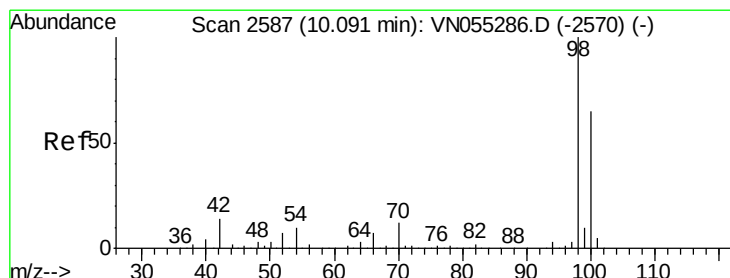
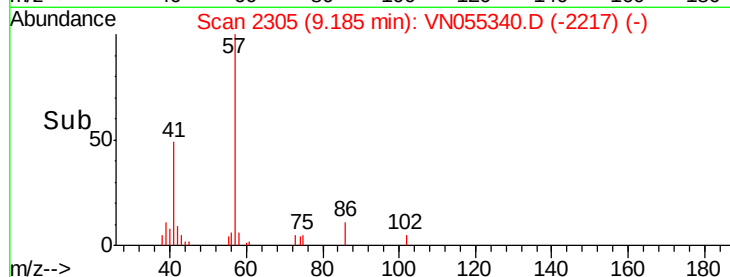
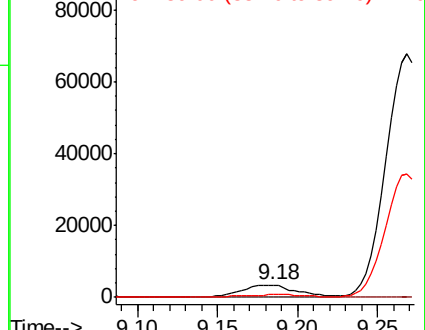
39 0.0 43.8 65.6#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#50

Toluene-d8

Concen: 51.623 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055340.D

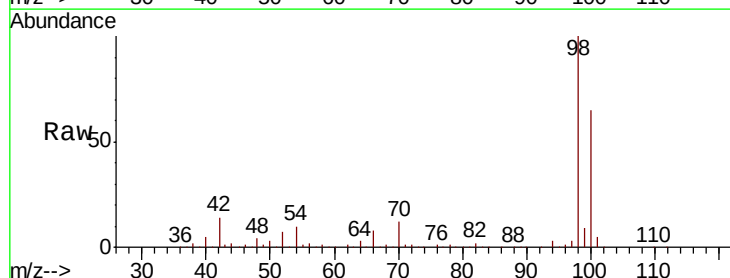
Acq: 2 May 2019 10:47

Tgt Ion: 98 Resp: 723245

Ion Ratio Lower Upper

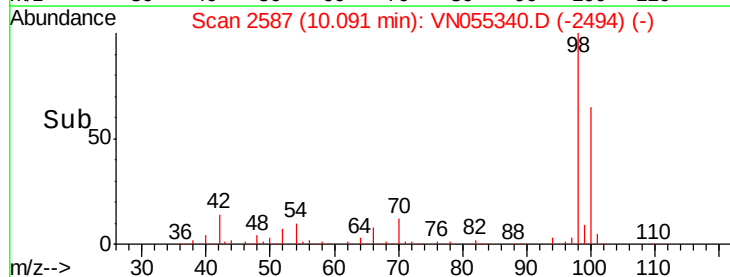
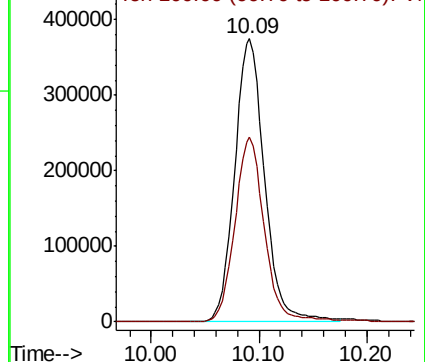
98 100

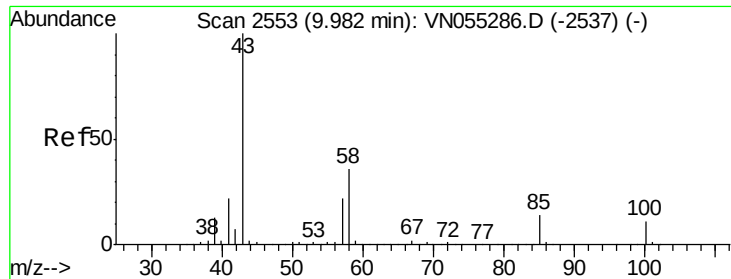
100 65.0 51.7 77.5



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: 1.386 ug/l

RT: 9.99 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN055340.D

Acq: 2 May 2019 10:47

Instrument :

MSVOA_N

ClientSampled :

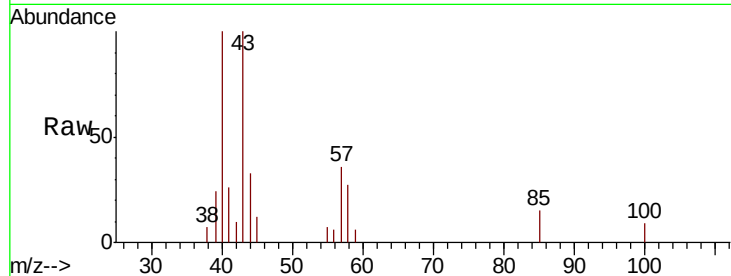
PB119387TB

Tot Ion: 43 Resp: 5443

Ion Ratio Lower Upper

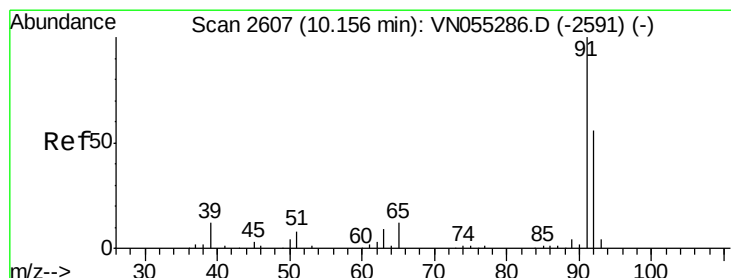
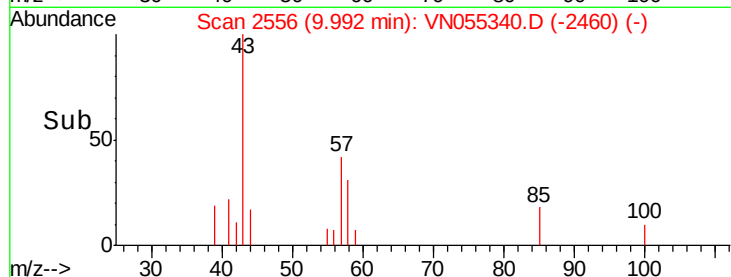
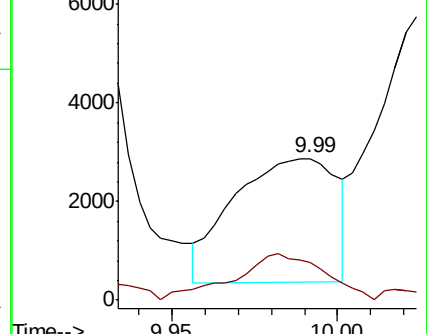
43 100

58 32.9 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 0.200 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN055340.D

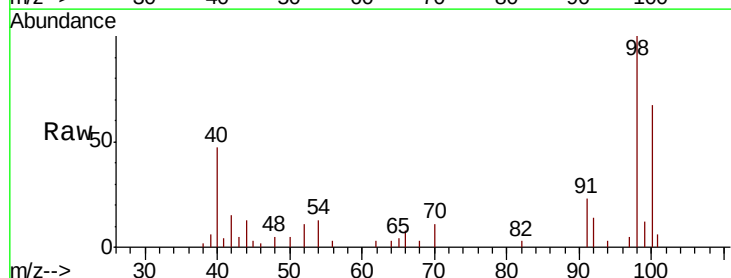
Acq: 2 May 2019 10:47

Tgt Ion: 92 Resp: 1918

Ion Ratio Lower Upper

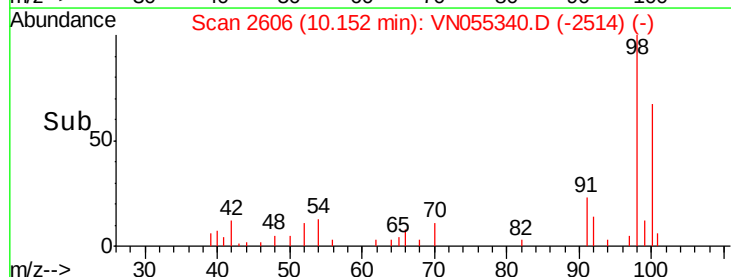
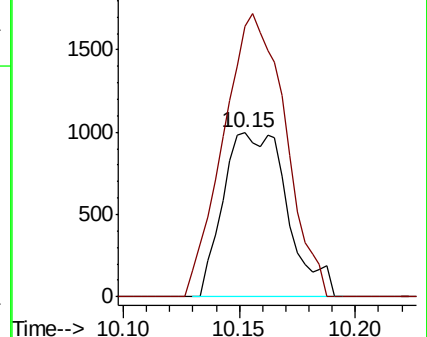
92 100

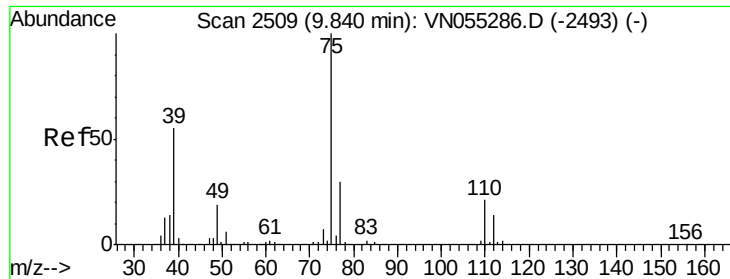
91 166.2 140.1 210.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#54

cis-1,3-Dichloropropene

Concen: 8.431 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055340.D

Acq: 2 May 2019 10:47

Instrument :

MSVOA_N

ClientSampleId :

PB119387TB

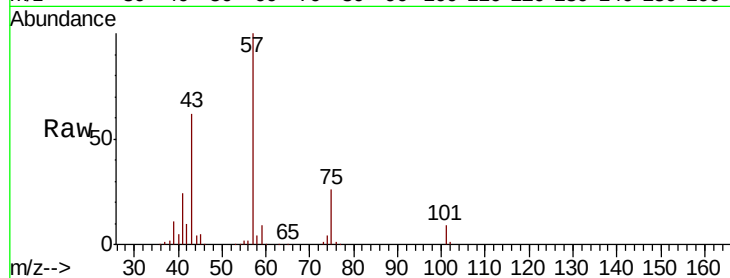
Tot Ion: 75 Resp: 51513

Ion Ratio Lower Upper

75 100

77 0.6 24.2 36.2#

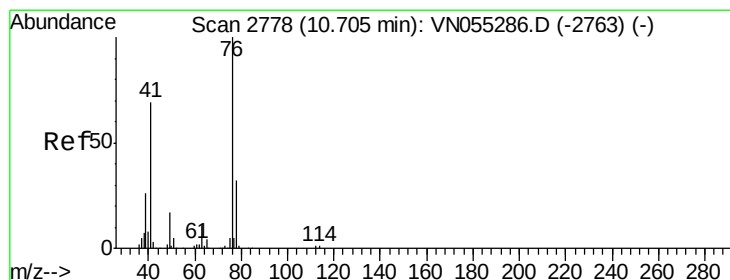
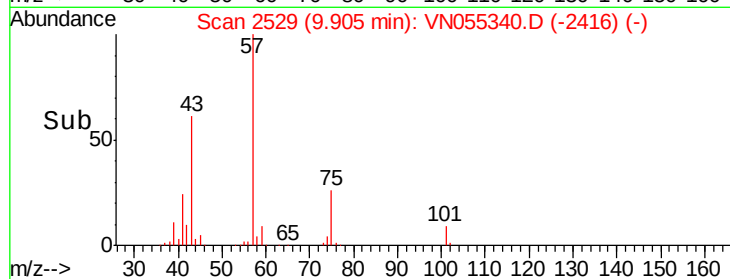
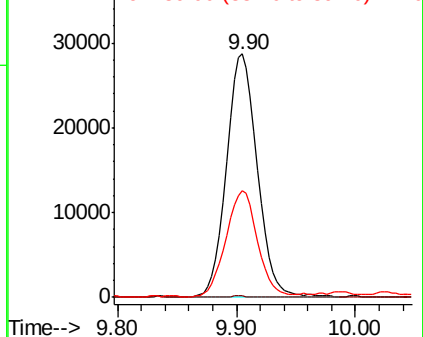
39 43.6 44.2 66.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.665 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN055340.D

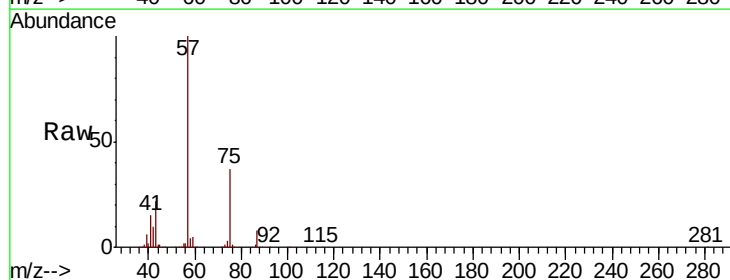
Acq: 2 May 2019 10:47

Tgt Ion: 76 Resp: 10390

Ion Ratio Lower Upper

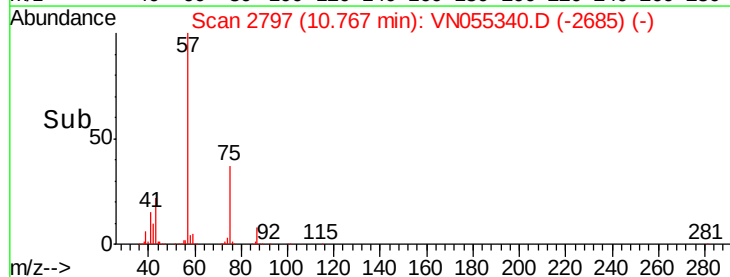
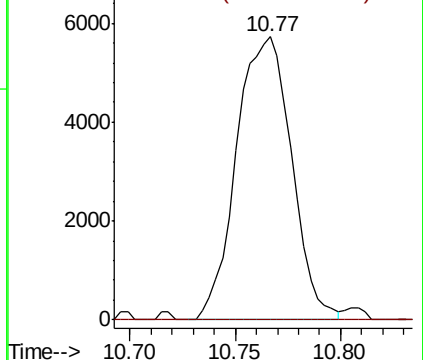
76 100

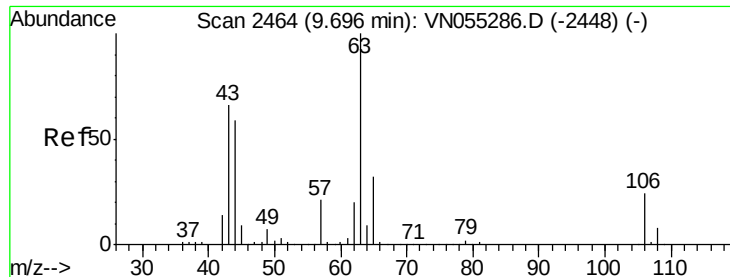
78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

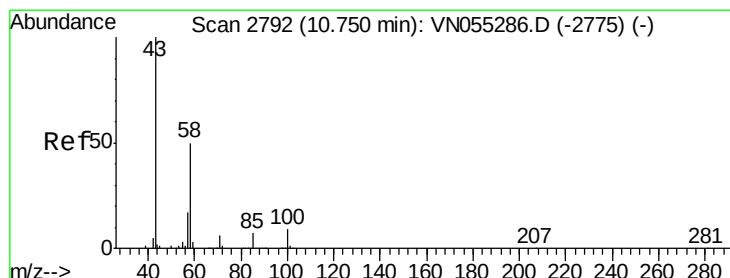
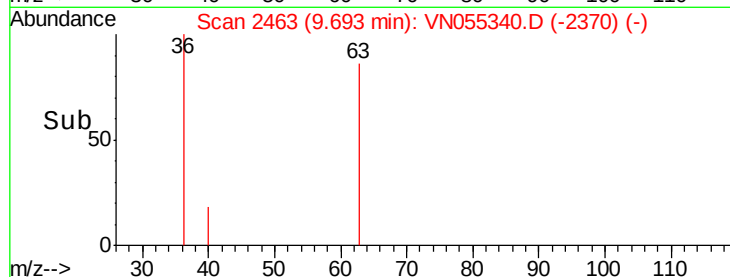
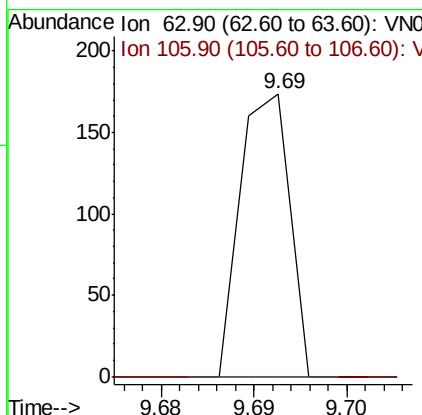
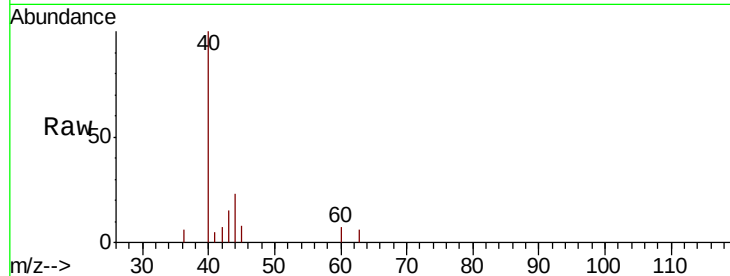




#58
 2-Chloroethyl Vinyl ether
 Concen: 12.450 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN055340.D
 Acq: 2 May 2019 10:47

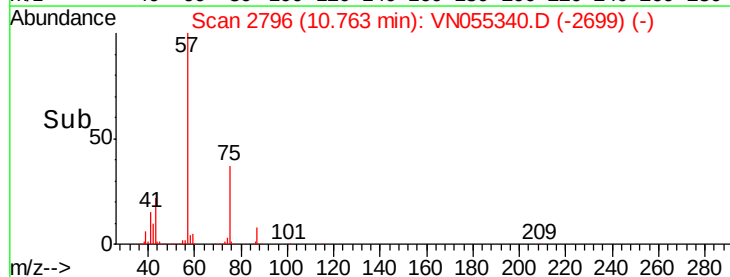
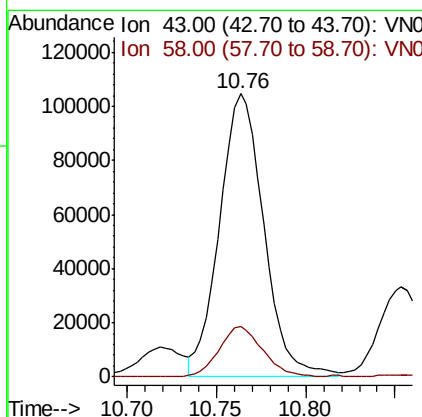
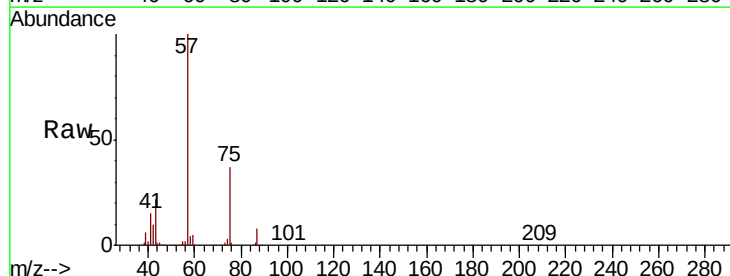
Instrument :
 MSVOA_N
 ClientSampleId :
 PB119387TB

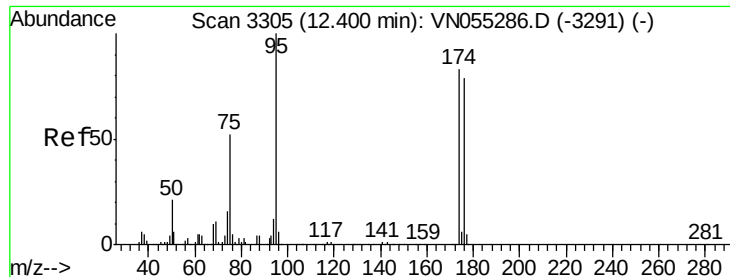
Tot Ion: 63 Resp: 64
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.0 28.4#



#59
 2-Hexanone
 Concen: 72.873 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN055340.D
 Acq: 2 May 2019 10:47

Tgt Ion: 43 Resp: 179028
 Ion Ratio Lower Upper
 43 100
 58 17.8 24.9 74.6#

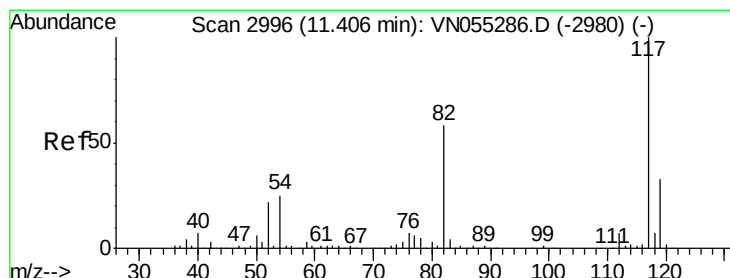
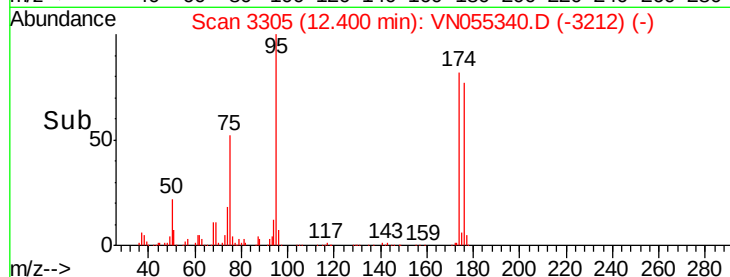
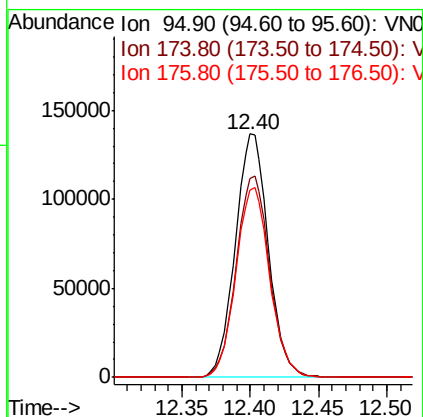
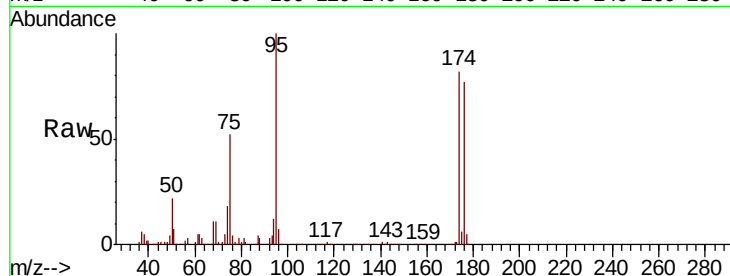




#62
4-Bromofluorobenzene
Concen: 52.620 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055340.D
Acq: 2 May 2019 10:47

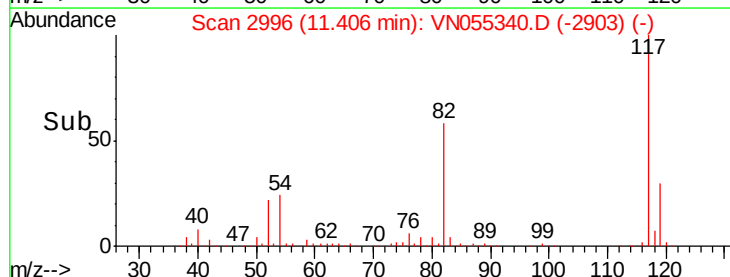
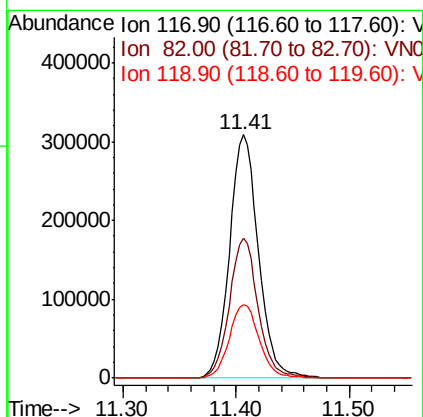
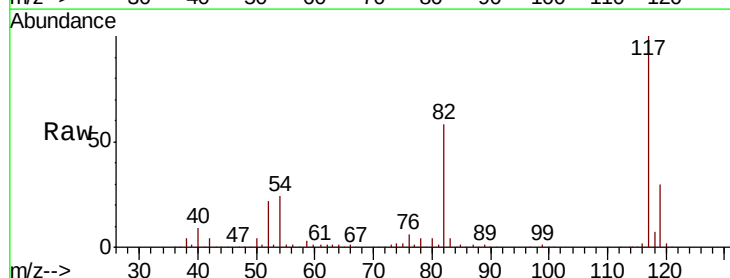
Instrument :
MSVOA_N
ClientSampled :
PB119387TB

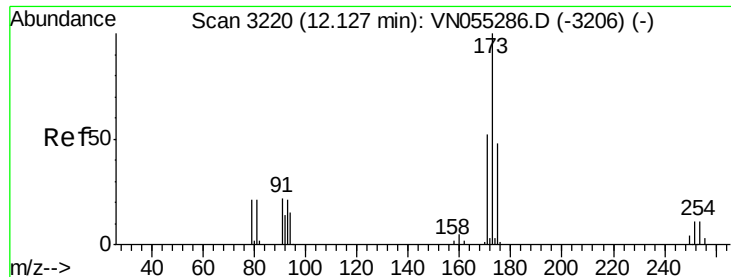
Tot Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	166.6
176	79.5	0.0	157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055340.D
Acq: 2 May 2019 10:47

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.2	69.4
119	30.3	26.6	40.0





#71

Bromoform

Concen: 0.244 ug/l

RT: 12.39 min Scan# 3302

Delta R.T. 0.26 min

Lab File: VN055340.D

Acq: 2 May 2019 10:47

Instrument :

MSVOA_N

ClientSampled :

PB119387TB

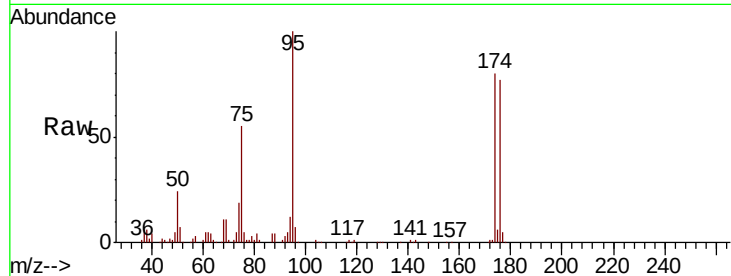
Tot Ion:173 Resp: 567

Ion Ratio Lower Upper

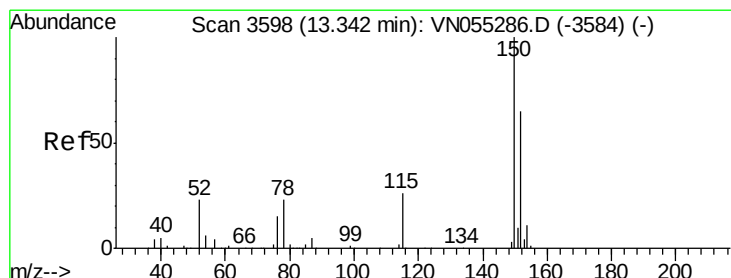
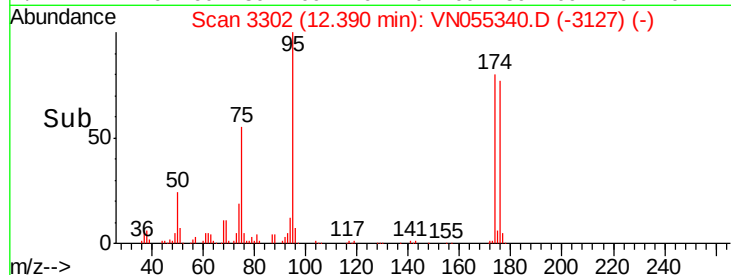
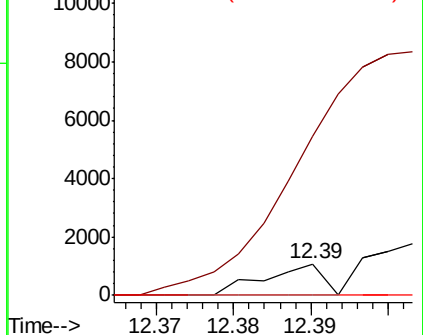
173 100

175 0.0 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: VN055340.D

Acq: 2 May 2019 10:47

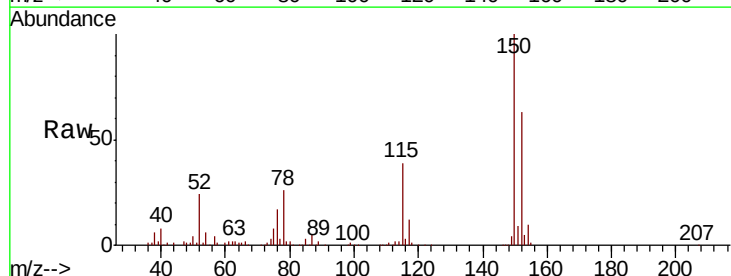
Tgt Ion:152 Resp: 154750

Ion Ratio Lower Upper

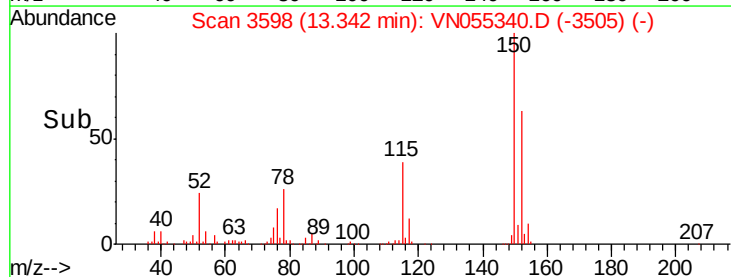
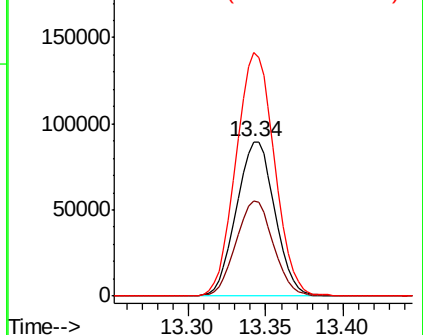
152 100

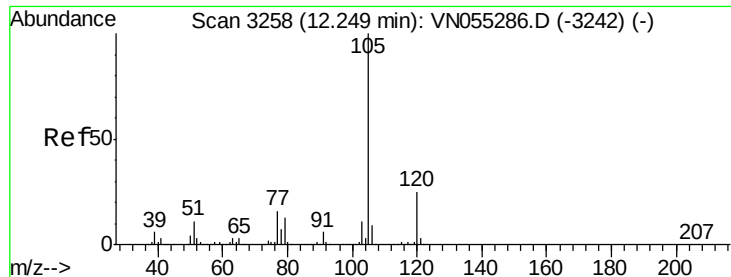
115 60.0 29.0 87.0

150 158.2 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: Below Cal

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN055340.D

Acq: 2 May 2019 10:47

Instrument :

MSVOA_N

ClientSampleId :

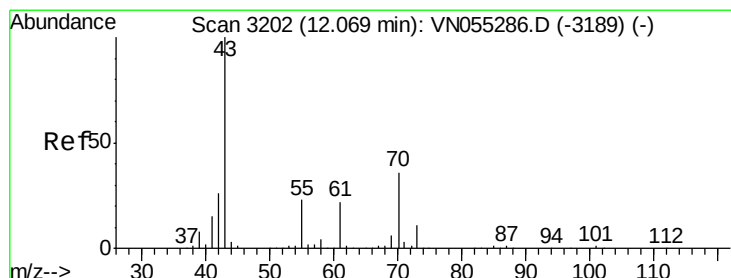
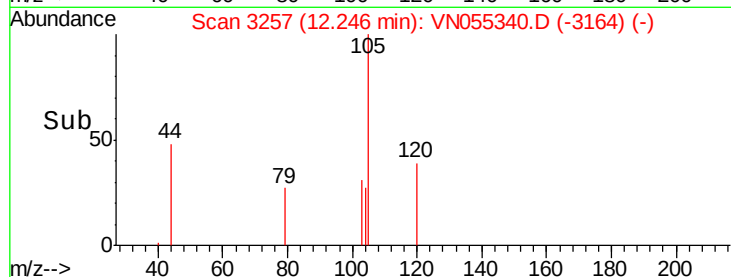
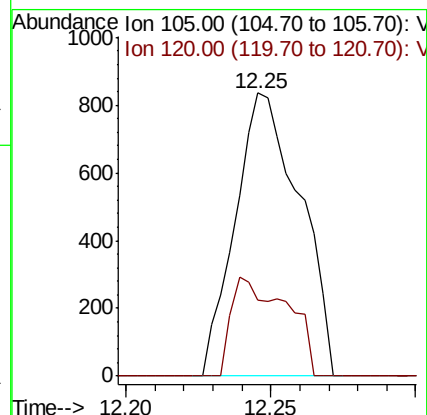
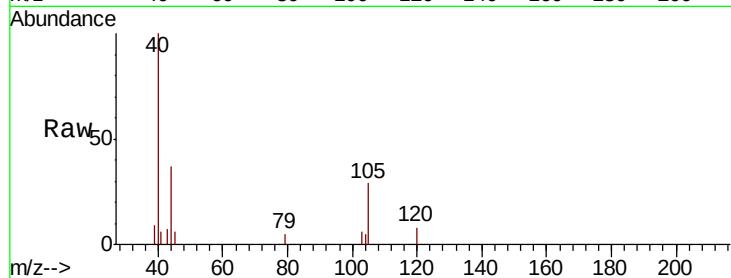
PB119387TB

Tot Ion:105 Resp: 1295

Ion Ratio Lower Upper

105 100

120 30.0 12.9 38.7



#74

N-ethyl acetate

Concen: 4.310 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN055340.D

Acq: 2 May 2019 10:47

Tgt Ion: 43 Resp: 17116

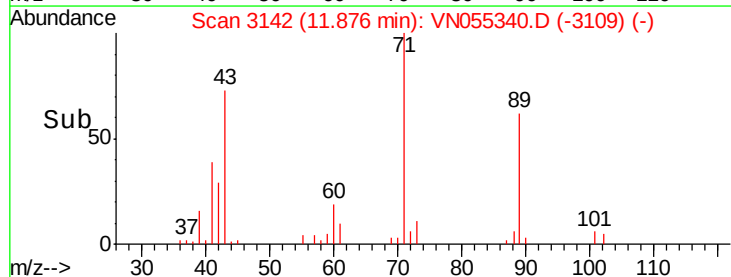
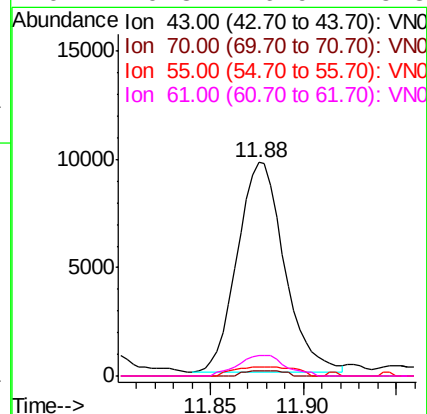
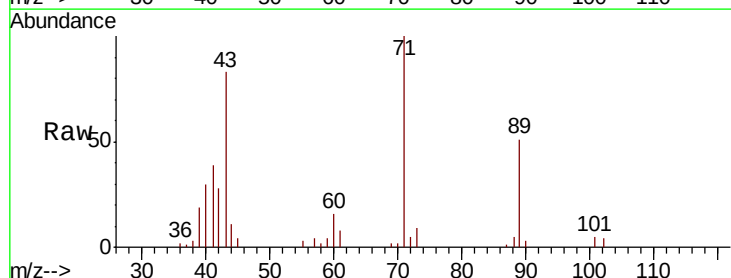
Ion Ratio Lower Upper

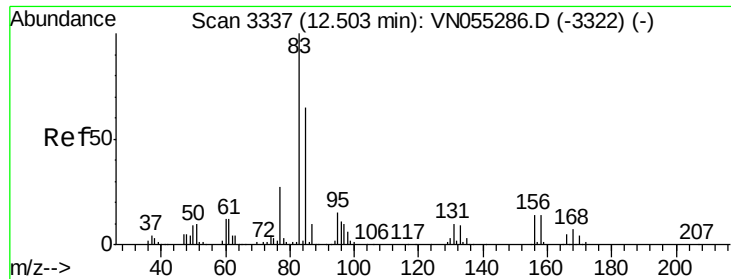
43 100

70 2.2 27.9 41.9#

55 5.6 18.2 27.2#

61 9.8 16.9 25.3#

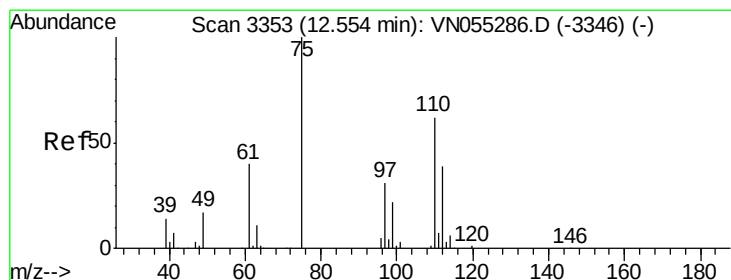
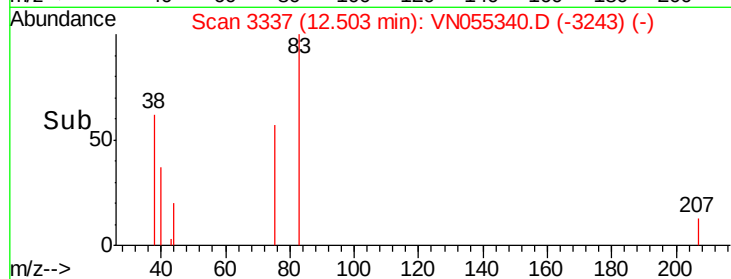
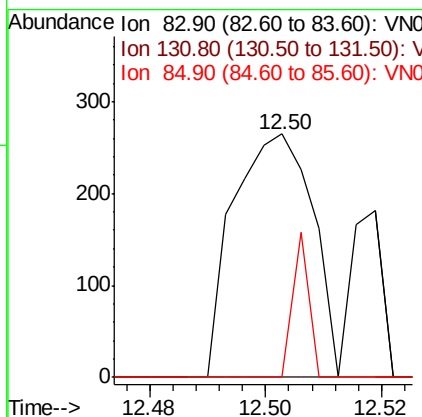
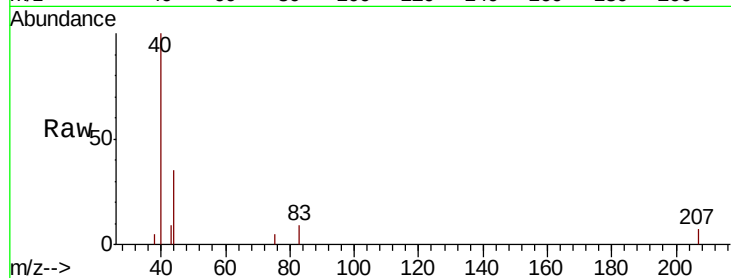




#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.50 min Scan# 3337
 Delta R.T. 0.00 min
 Lab File: VN055340.D
 Acq: 2 May 2019 10:47

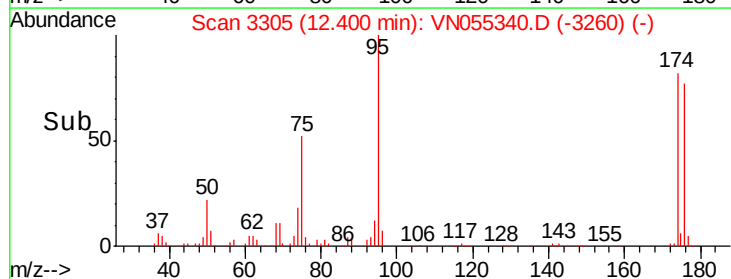
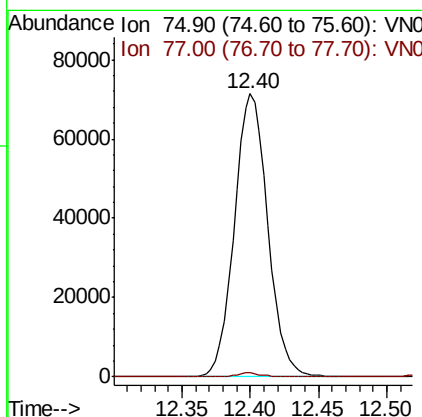
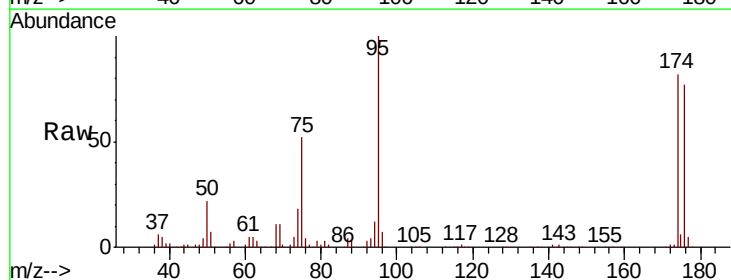
Instrument :
 MSVOA_N
 ClientSampled :
 PB119387TB

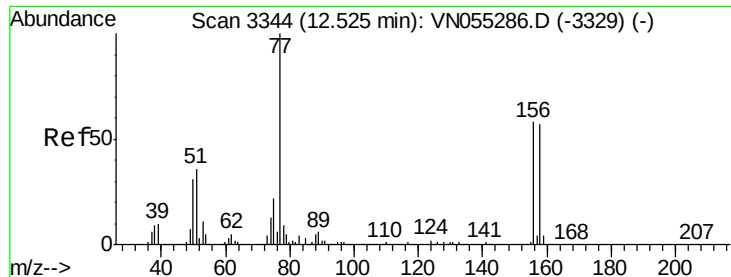
Tot Ion: 83 Resp: 251
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.1 15.2#
 85 12.0 32.3 96.8#



#76
 1,2,3-Trichloropropane
 Concen: 41.737 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN055340.D
 Acq: 2 May 2019 10:47

Tgt Ion: 75 Resp: 121250
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#77

Bromobenzene

Concen: Below Cal

RT: 12.53 min Scan# 3347

Delta R.T. 0.01 min

Lab File: VN055340.D

Acq: 2 May 2019 10:47

Instrument :

MSVOA_N

ClientSampled :

PB119387TB

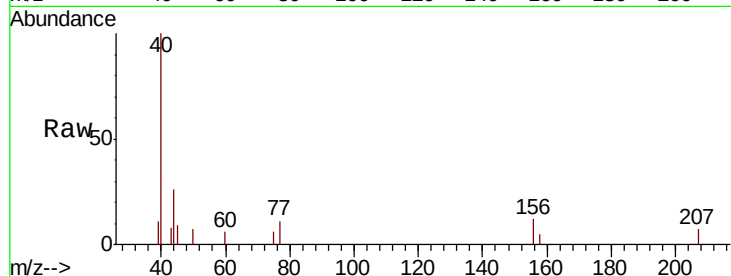
Tot Ion:156 Resp: 520

Ion Ratio Lower Upper

156 100

77 187.7 99.6 298.8

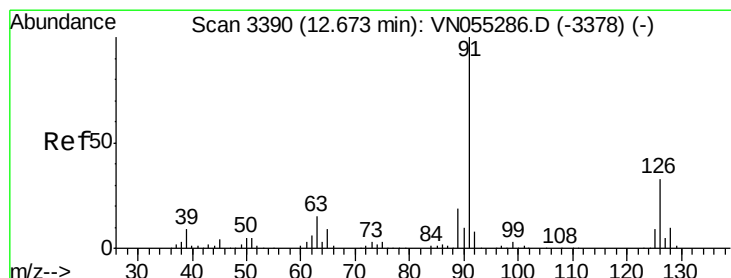
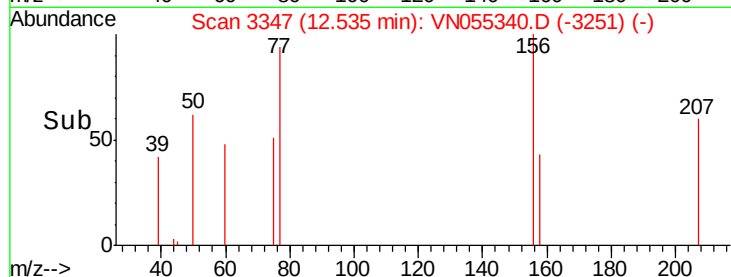
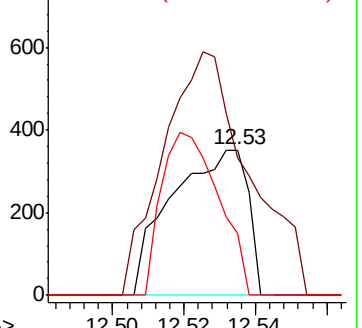
158 84.0 49.3 147.8



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



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN055340.D

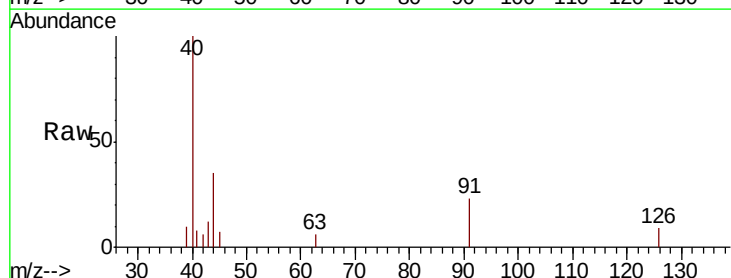
Acq: 2 May 2019 10:47

Tgt Ion: 91 Resp: 1056

Ion Ratio Lower Upper

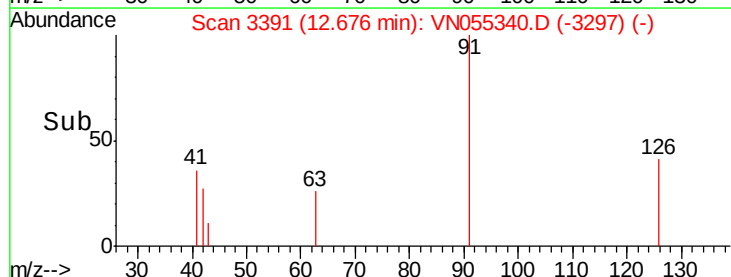
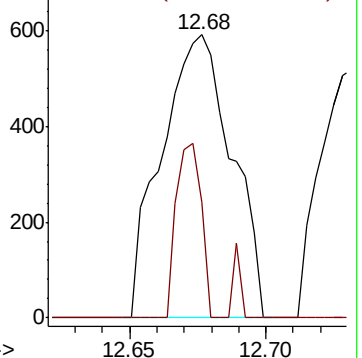
91 100

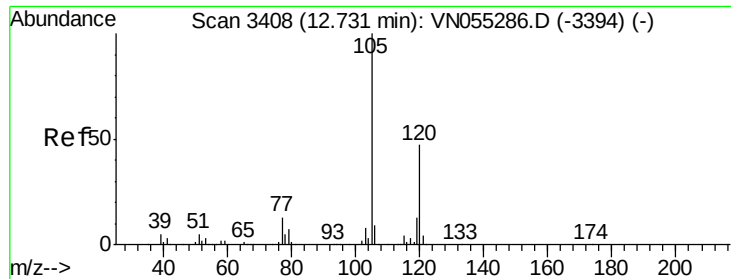
126 21.9 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

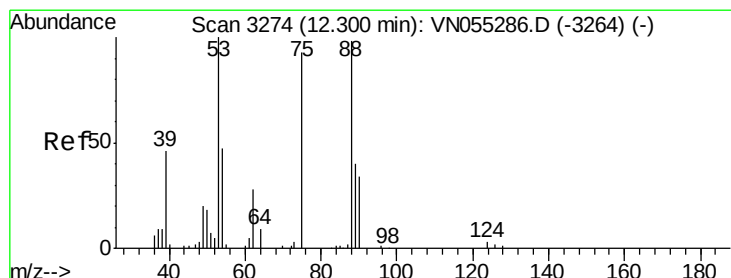
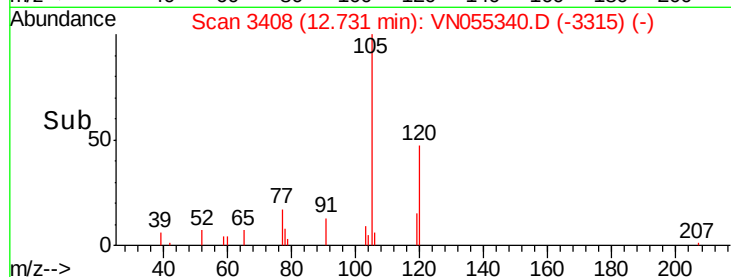
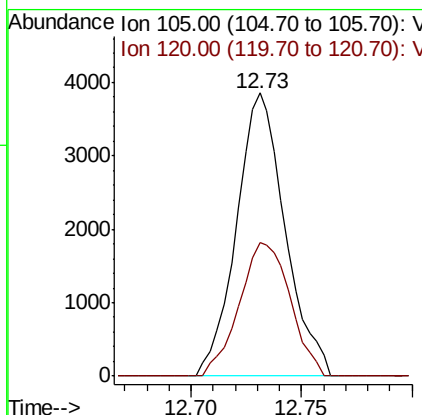
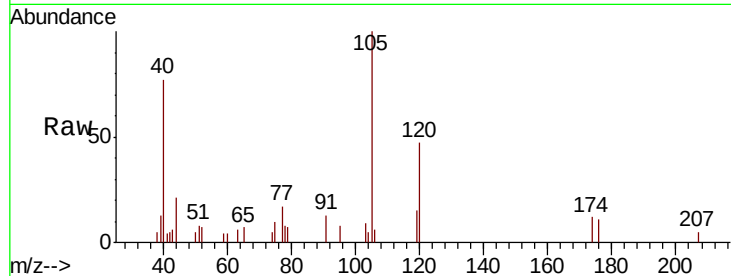




#80
 1,3,5-Trimethylbenzene
 Concen: 0.486 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055340.D
 Acq: 2 May 2019 10:47

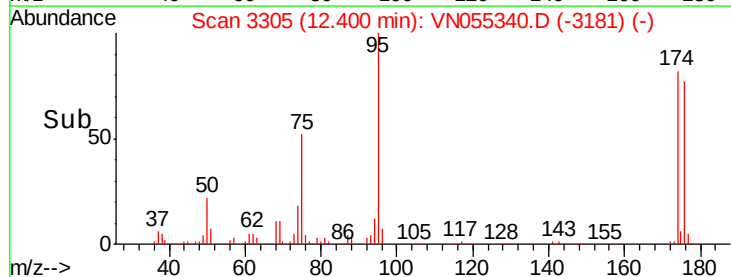
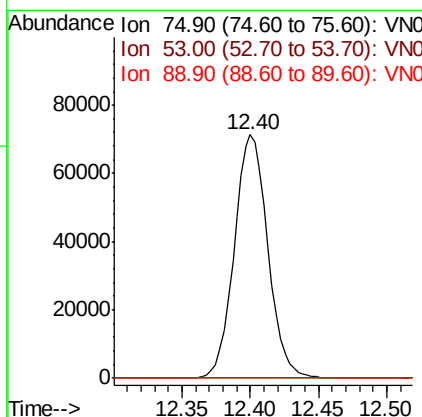
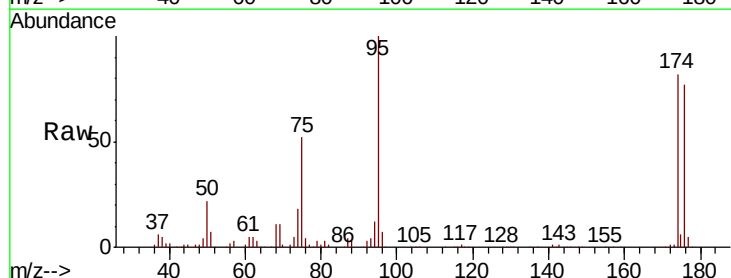
Instrument :
 MSVOA_N
 ClientSampled :
 PB119387TB

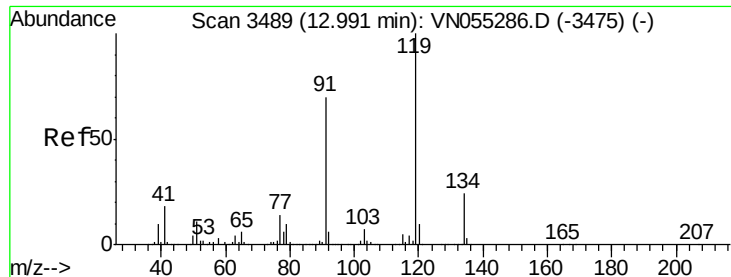
Tot Ion:105 Resp: 5894
 Ion Ratio Lower Upper
 105 100
 120 49.3 23.4 70.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 148.483 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055340.D
 Acq: 2 May 2019 10:47

Tgt Ion: 75 Resp: 121250
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.3 129.5#
 89 0.0 34.6 51.8#

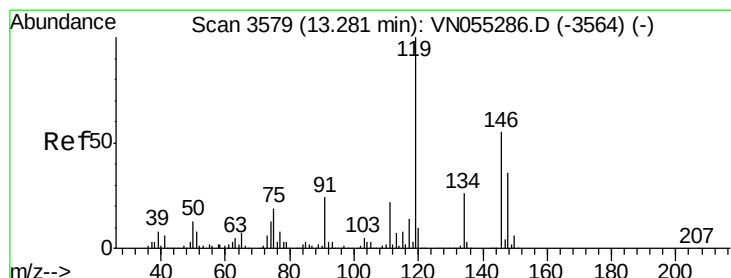
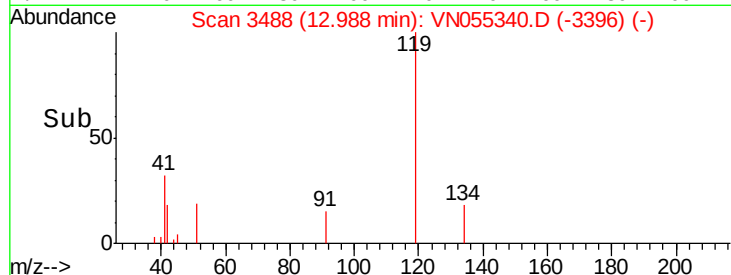
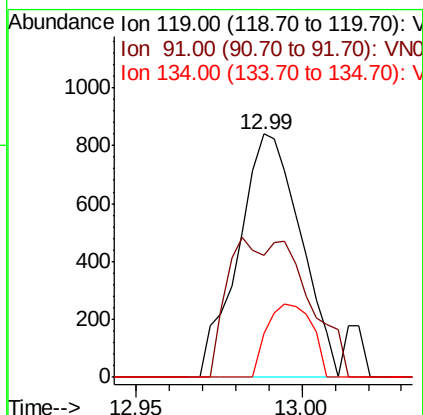
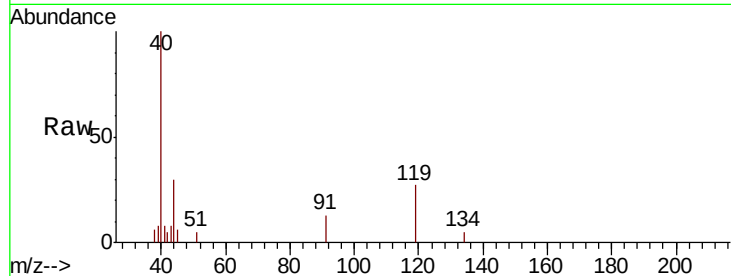




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN055340.D
 Acq: 2 May 2019 10:47

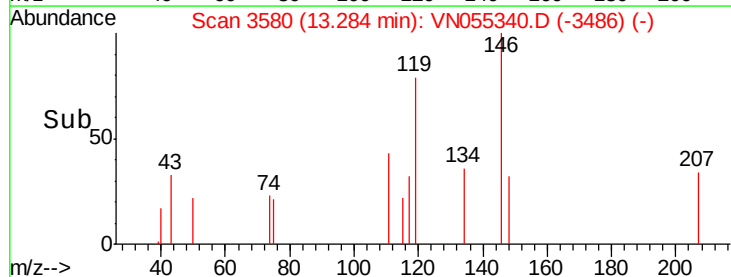
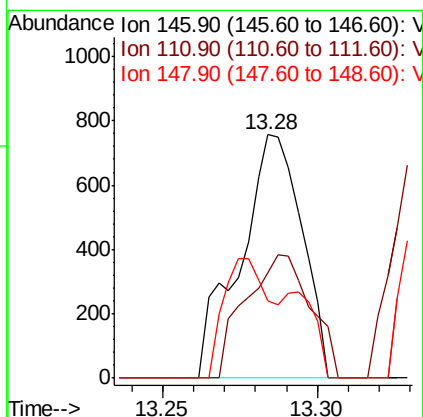
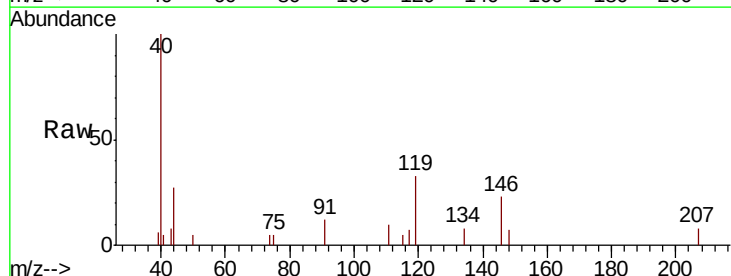
Instrument :
 MSVOA_N
 ClientSampled :
 PB119387TB

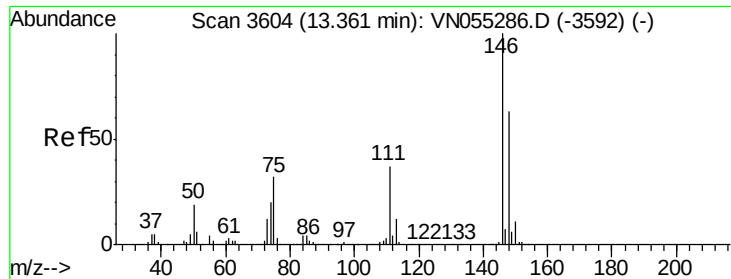
Tot Ion:119 Resp: 1102
 Ion Ratio Lower Upper
 119 100
 91 34.8 34.3 102.9
 134 21.8 13.1 39.3



#87
 1,3-Dichlorobenzene
 Concen: 0.203 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN055340.D
 Acq: 2 May 2019 10:47

Tgt Ion:146 Resp: 1053
 Ion Ratio Lower Upper
 146 100
 111 53.2 20.3 60.8
 148 36.8 32.5 97.5





#88

1,4-Dichlorobenzene

Concen: 0.216 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.08 min

Lab File: VN055340.D

Acq: 2 May 2019 10:47

Instrument :

MSVOA_N

ClientSampled :

PB119387TB

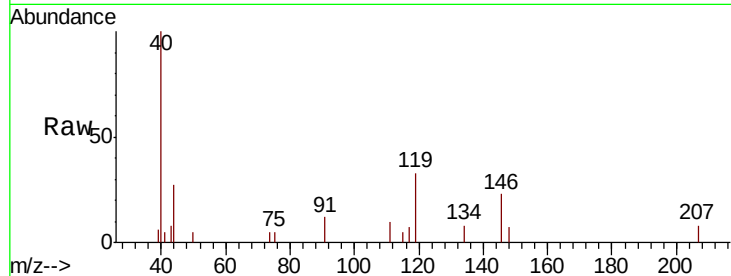
Tot Ion:146 Resp: 1053

Ion Ratio Lower Upper

146 100

111 53.2 19.5 58.5

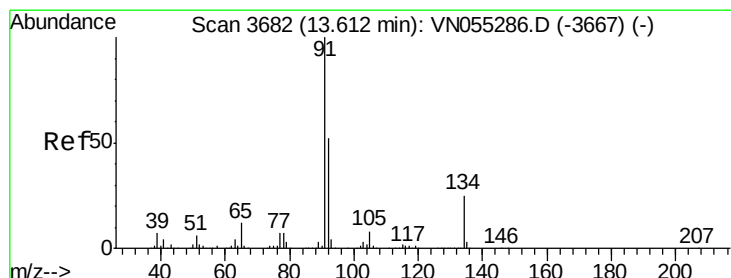
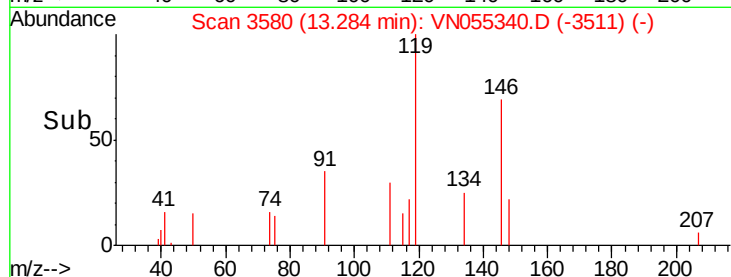
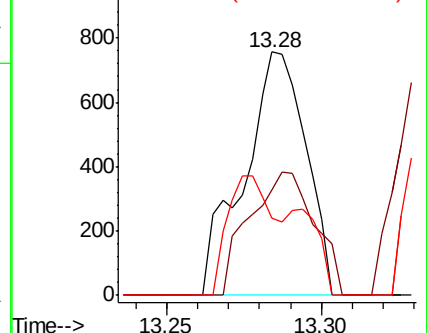
148 36.8 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.315 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055340.D

Acq: 2 May 2019 10:47

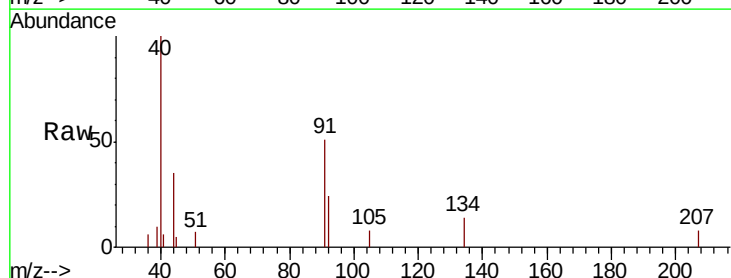
Tgt Ion: 91 Resp: 2426

Ion Ratio Lower Upper

91 100

92 55.6 26.1 78.3

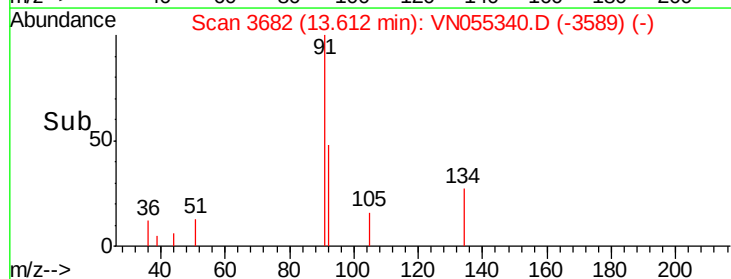
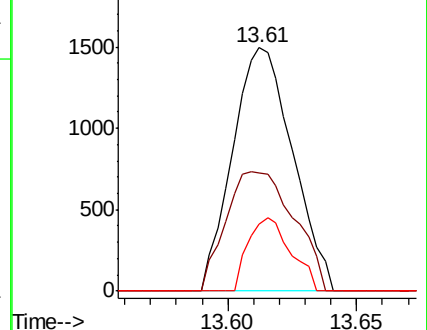
134 21.4 12.4 37.4

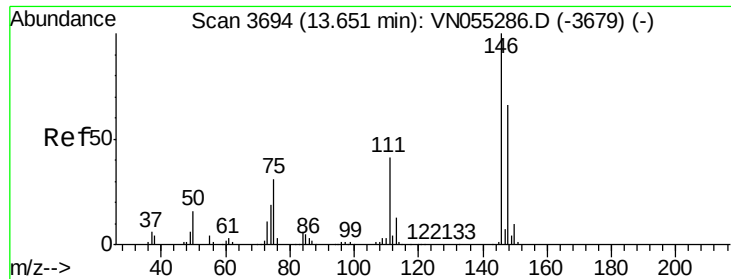


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

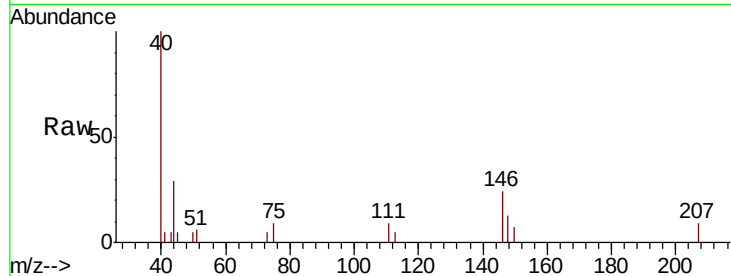




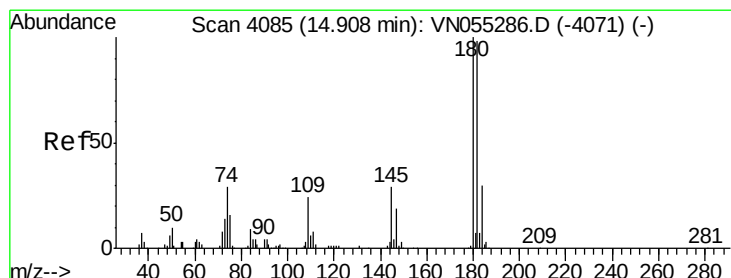
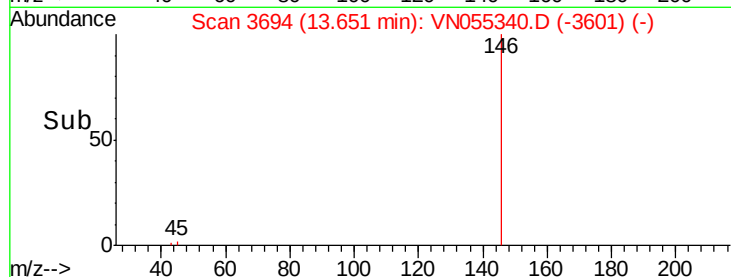
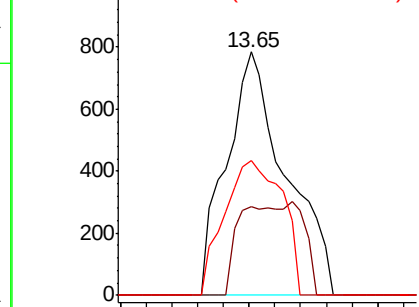
#91
 1,2-Dichlorobenzene
 Concen: 0.244 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN055340.D
 Acq: 2 May 2019 10:47

Instrument :
 MSVOA_N
 ClientSampled :
 PB119387TB

Tot Ion	Ratio	Lower	Upper
146	100		
111	24.8	20.3	61.0
148	54.5	32.4	97.2

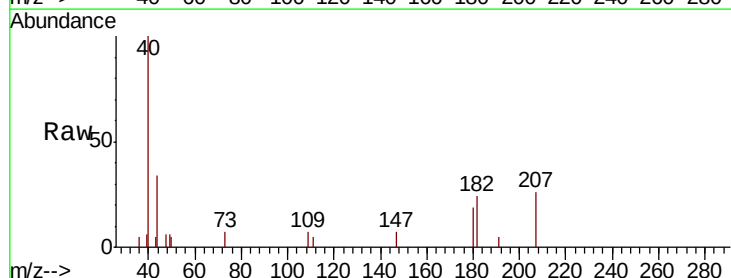


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

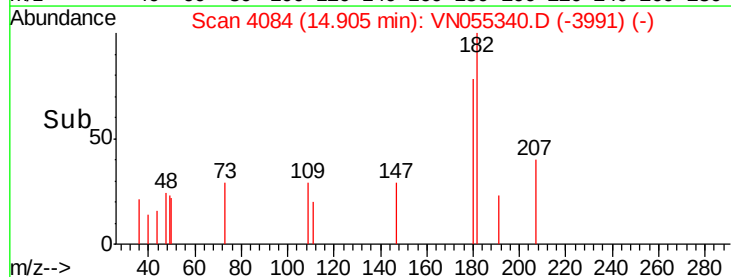
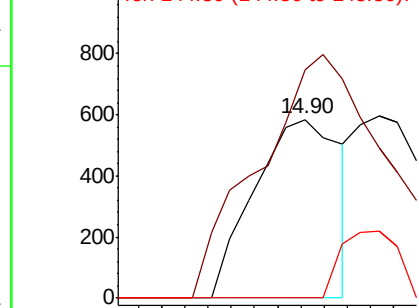


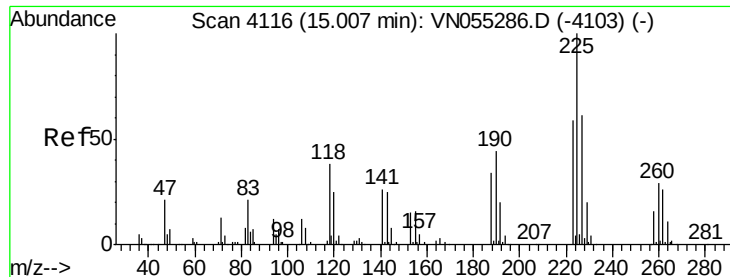
#93
 1,2,4-Trichlorobenzene
 Concen: 3.589 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN055340.D
 Acq: 2 May 2019 10:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	214.9	48.3	144.9#
145	25.0	14.2	42.6



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





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN055340.D

Acq: 2 May 2019 10:47

Instrument :

MSVOA_N

ClientSampled :

PB119387TB

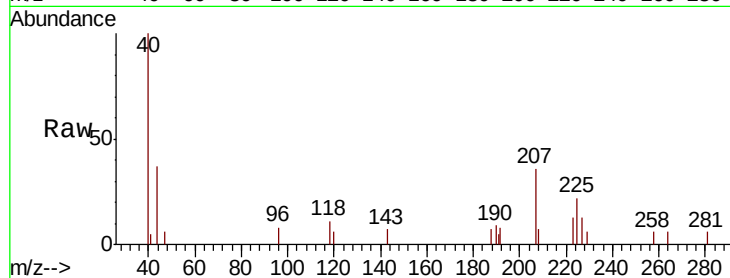
Tot Ion:225 Resp: 783

Ion Ratio Lower Upper

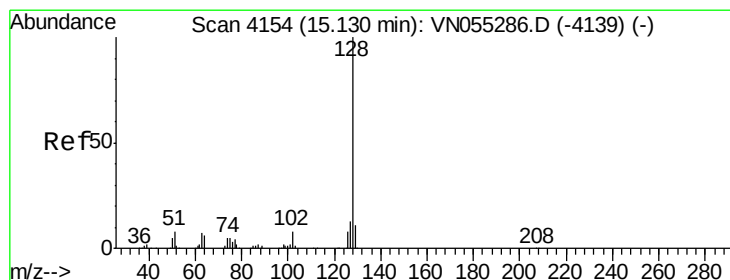
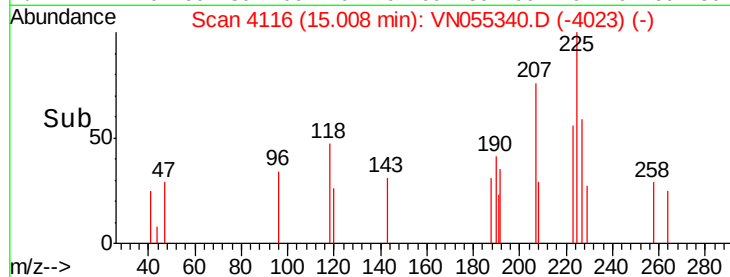
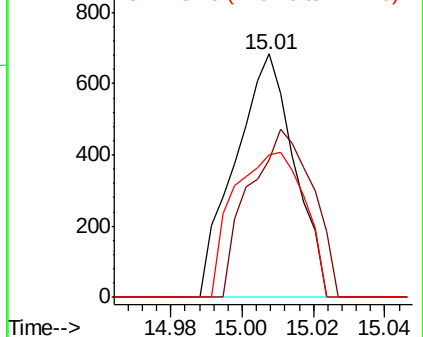
225 100

223 73.8 30.3 90.8

227 71.4 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: 3.964 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055340.D

Acq: 2 May 2019 10:47

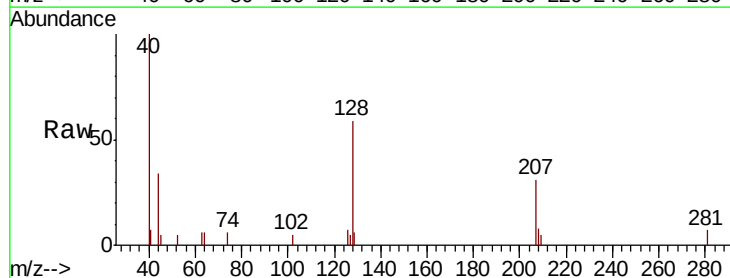
Tgt Ion:128 Resp: 2930

Ion Ratio Lower Upper

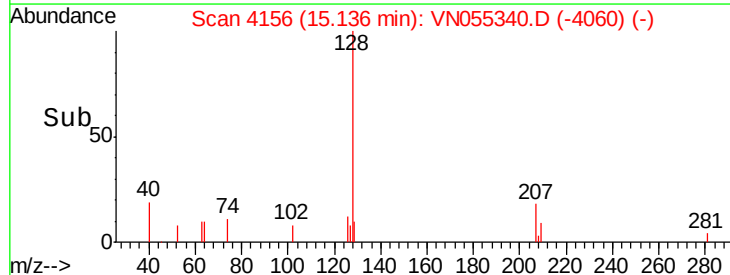
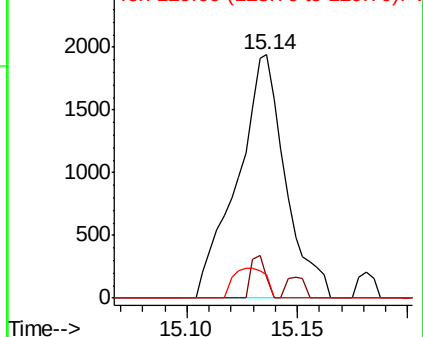
128 100

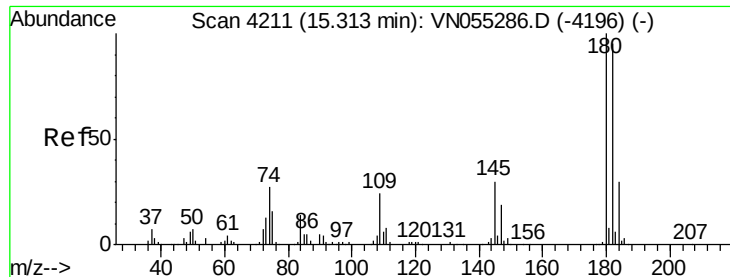
127 5.3 10.7 16.1#

129 8.4 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





#96
 1,2,3-Trichlorobenzene
 Concen: 3.221 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN055340.D
 Acq: 2 May 2019 10:47

Instrument :
 MSVOA_N
 ClientSampleId :
 PB119387TB

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.7	48.3	144.9
145	19.5	15.2	45.6

