

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
 Data File : VN055770.D
 Acq On : 23 May 2019 22:12
 Operator : JC/SP
 Sample : K2976-06ME
 Misc : 3.93g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E-6R(17-20)

Quant Time: May 24 06:52:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	373676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	516957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	466604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	226031	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	170013	44.06	ug/l	0.00
Spiked Amount			Recovery	=	88.12%	
35) Dibromofluoromethane	7.59	113	154624	47.31	ug/l	0.00
Spiked Amount			Recovery	=	94.62%	
50) Toluene-d8	10.09	98	611381	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.40	95	215708	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.74	59	15603	21.161	ug/l #	74
16) Acetone	3.82	43	1848	1.089	ug/l #	41
18) Methyl Acetate	4.33	43	12428	2.400	ug/l	94
25) 2-Butanone	6.86	43	3054	1.289	ug/l	100
31) Cyclohexane	7.66	56	5395	0.931	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	20727	4.601	ug/l #	48
38) Carbon Tetrachloride	7.66	117	29464	6.279	ug/l #	15
39) Methylcyclohexane	9.08	83	3175	0.569	ug/l	90
43) Isopropyl Acetate	8.24	43	3884	0.531	ug/l #	53
55) 1,1,2-Trichloroethane	10.53	97	7265	2.124	ug/l #	19
56) Ethyl methacrylate	10.43	69	3036	0.574	ug/l #	5
59) 2-Hexanone	10.72	43	40994	13.374	ug/l #	27
64) Tetrachloroethene	10.63	164	1561	0.397	ug/l	93
65) Chlorobenzene	11.54	112	2657	0.284	ug/l #	42
67) Ethyl Benzene	11.51	91	20545	1.227	ug/l	99
68) m/p-Xylenes	11.63	106	30570	4.827	ug/l	94
69) o-Xylene	11.95	106	1748	0.278	ug/l #	18
71) Bromoform	12.40	173	1575	0.496	ug/l #	1
73) Isopropylbenzene	12.25	105	101323	3.840	ug/l	100
74) N-amyl acetate	12.04	43	272601	44.277	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.47	83	20715	1.112	ug/l #	25
76) 1,2,3-Trichloropropane	12.40	75	95497	22.825	ug/l #	100
78) n-propylbenzene	12.59	91	258722	13.170	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	308026	21.290	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	95497	56.846	ug/l #	18
82) 4-Chlorotoluene	12.73	91	32274	2.795	ug/l #	62
83) tert-Butylbenzene	12.99	119	24382	Below Cal		93
84) 1,2,4-Trimethylbenzene	13.04	105	1490161	113.249	ug/l	98
85) sec-Butylbenzene	13.17	105	186530	10.388	ug/l #	71
86) p-Isopropyltoluene	13.29	119	165603	10.550	ug/l	99
89) n-Butylbenzene	13.61	91	216503	18.001	ug/l #	70
90) Hexachloroethane	13.89	117	29681	9.934	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1751	1.748	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	341	3.709	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

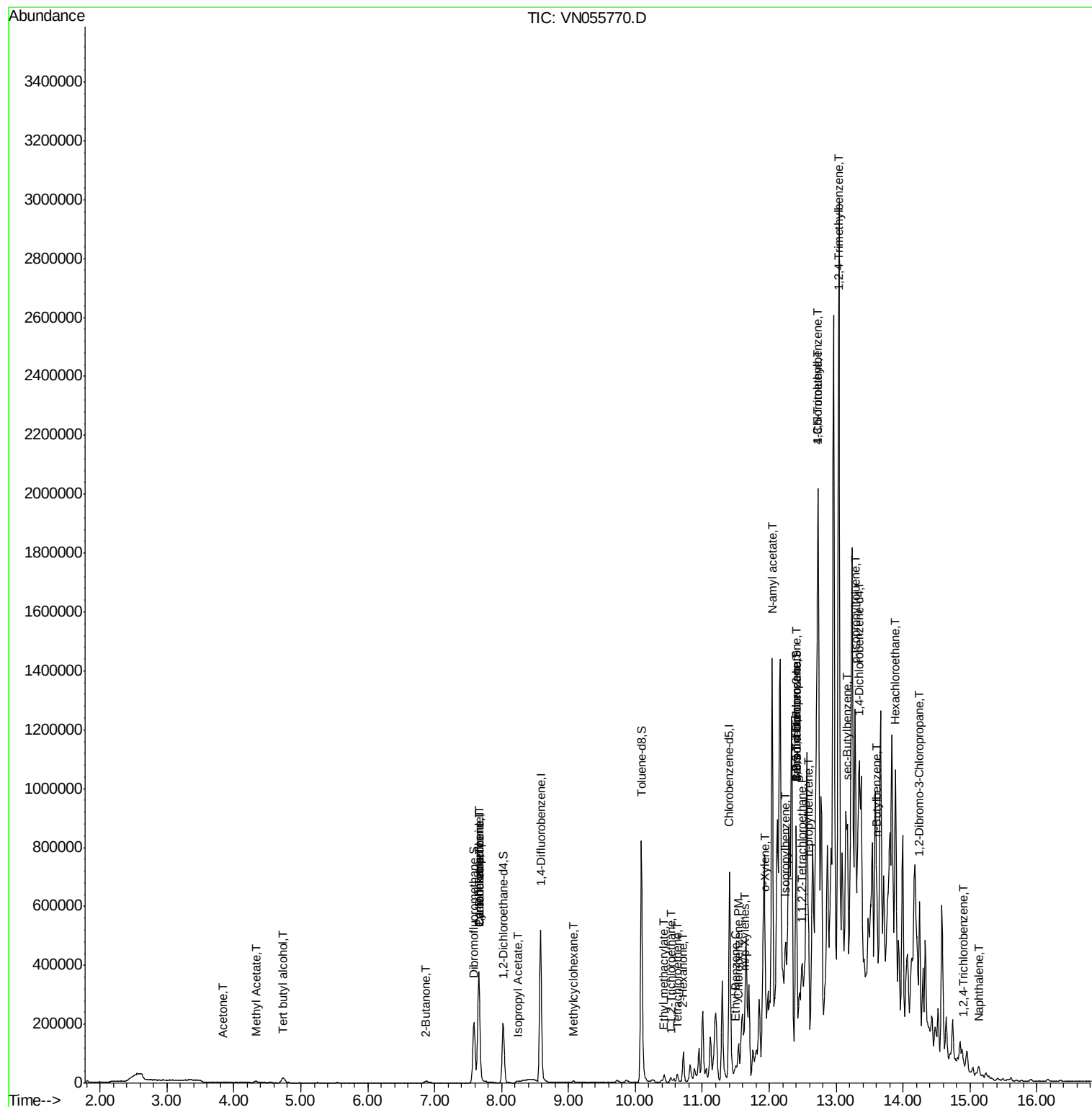
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.13	128	29518	2.823	ug/l	97

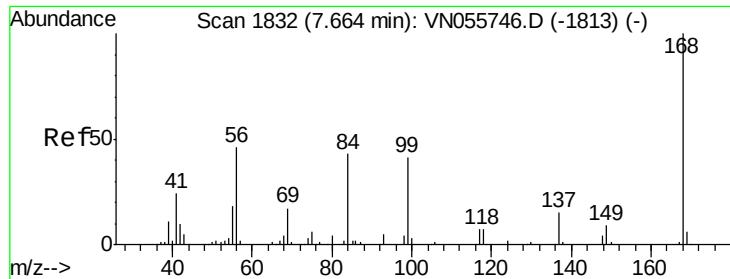
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052319\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN055770.D

Acq: 23 May 2019 22:12

Instrument :

MSVOA_N

ClientSampleId :

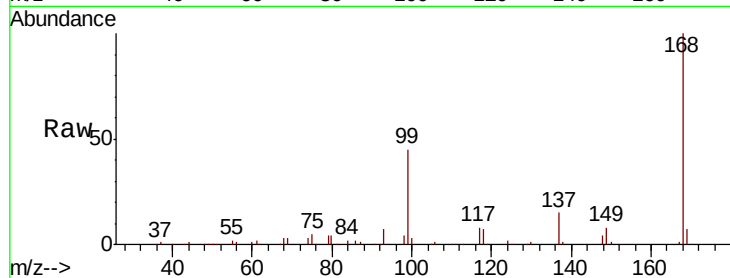
EP1-SB-E-6R(17-20)

Tot Ion:168 Resp: 373676

Ion Ratio Lower Upper

168 100

99 44.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055770.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055770.D (-1739) (-)

7.66

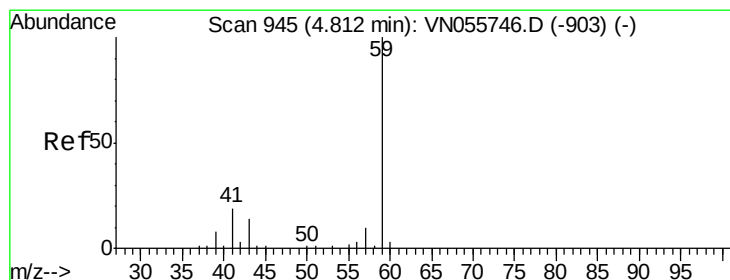
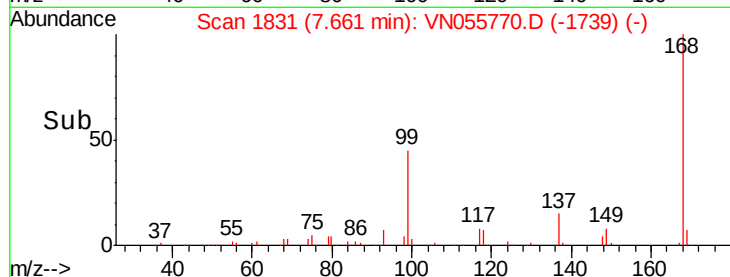
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#11

Tert butyl alcohol

Concen: 21.161 ug/l

RT: 4.74 min Scan# 922

Delta R.T. -0.07 min

Lab File: VN055770.D

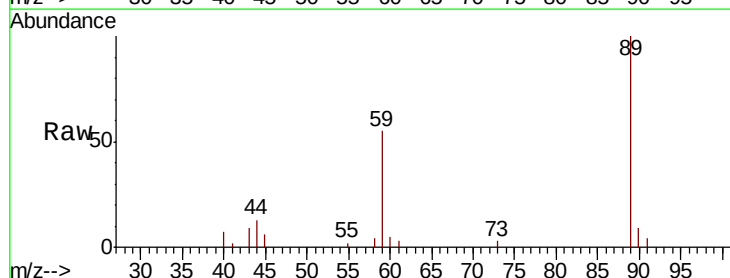
Acq: 23 May 2019 22:12

Tgt Ion: 59 Resp: 15603

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN055770.D (-852) (-)

Ion 57.00 (56.70 to 57.70): VN055770.D (-852) (-)

4.74

5000

4000

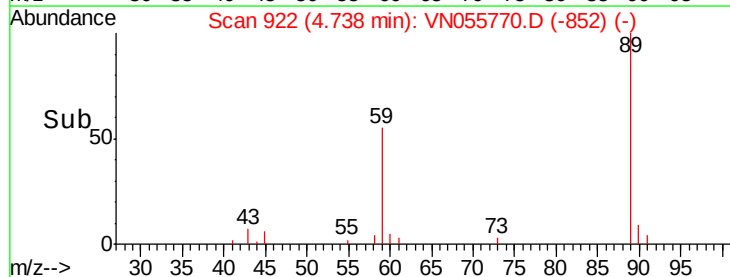
3000

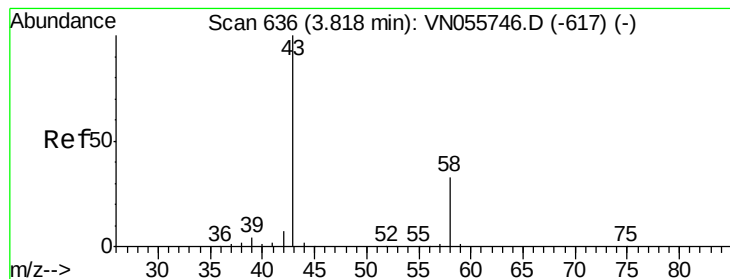
2000

1000

0

Time--> 4.60 4.70 4.80





#16

Acetone

Concen: 1.089 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055770.D

Acq: 23 May 2019 22:12

Instrument :

MSVOA_N

ClientSampleId :

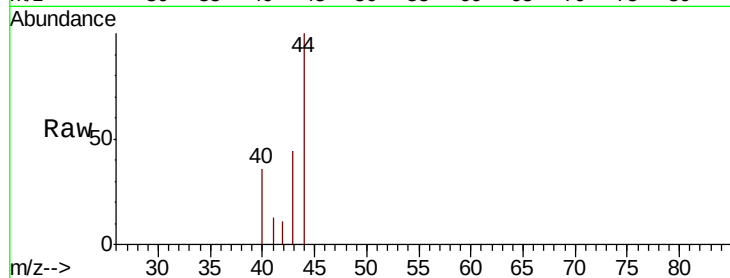
EP1-SB-E-6R(17-20)

Tot Ion: 43 Resp: 1848

Ion Ratio Lower Upper

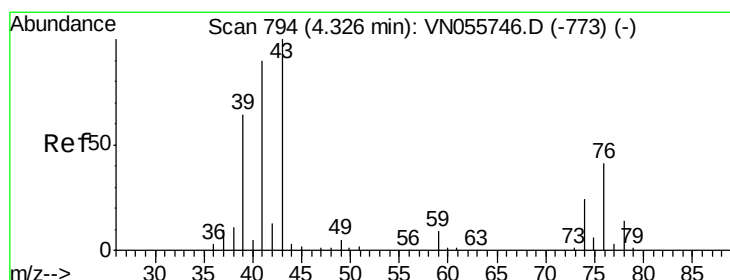
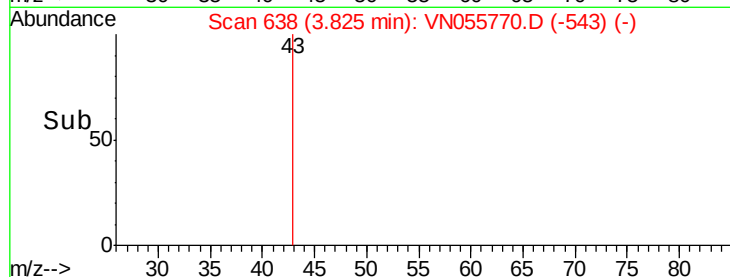
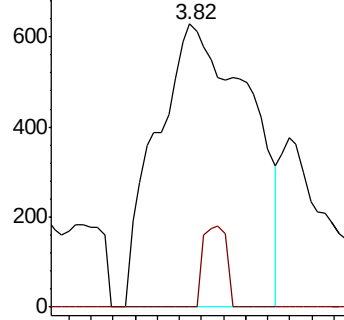
43 100

58 0.0 26.6 39.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 2.400 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055770.D

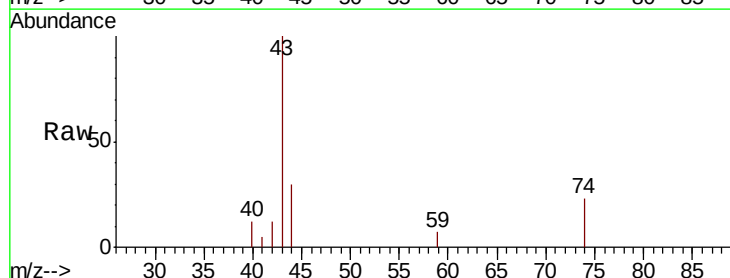
Acq: 23 May 2019 22:12

Tgt Ion: 43 Resp: 12428

Ion Ratio Lower Upper

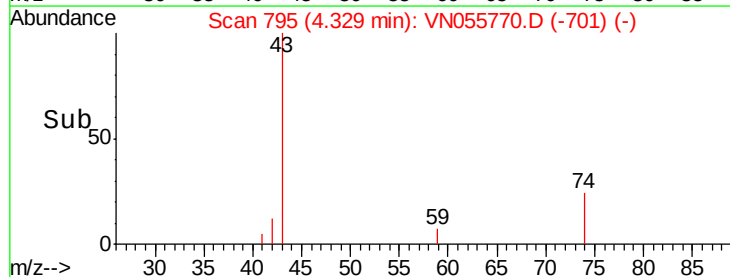
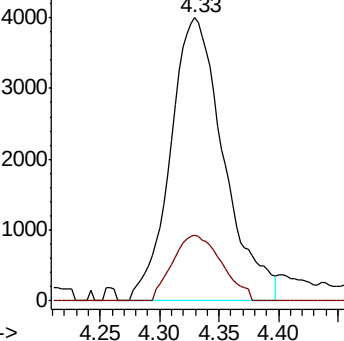
43 100

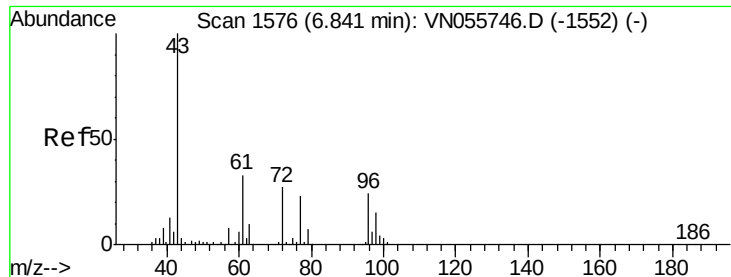
74 21.3 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#25

2-Butanone

Concen: 1.289 ug/l

RT: 6.86 min Scan# 1582

Delta R.T. 0.02 min

Lab File: VN055770.D

Acq: 23 May 2019 22:12

Instrument :

MSVOA_N

ClientSampleId :

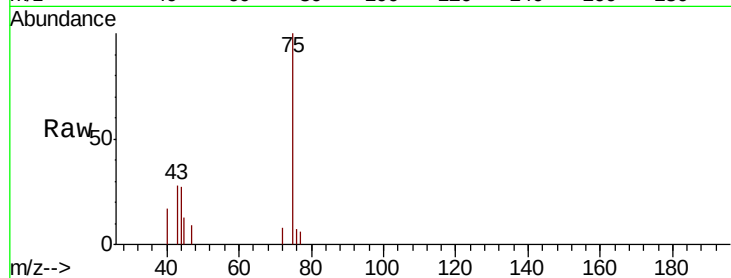
EP1-SB-E-6R(17-20)

Tot Ion: 43 Resp: 3054

Ion Ratio Lower Upper

43 100

72 27.5 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.86

800

600

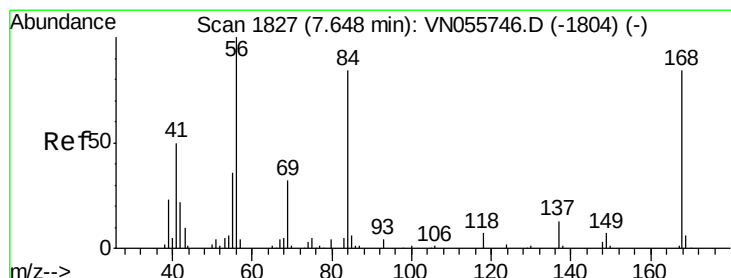
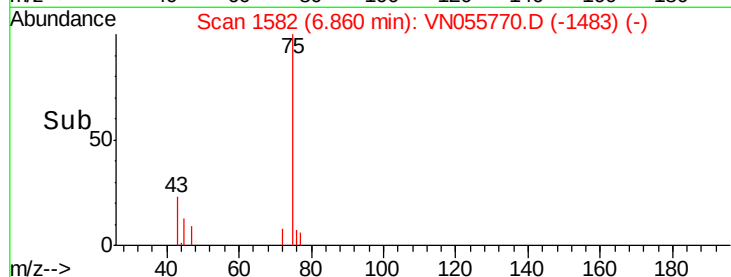
400

200

0

6.80 6.85 6.90 6.95

Time-->



#31

Cyclohexane

Concen: 0.931 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN055770.D

Acq: 23 May 2019 22:12

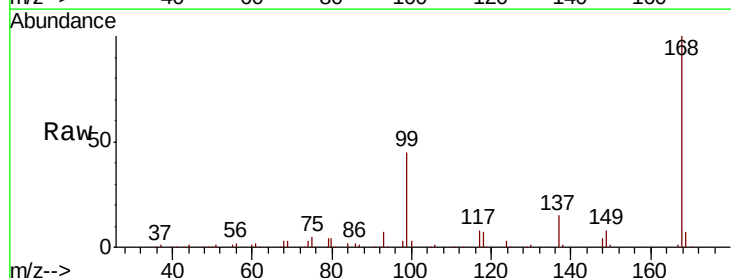
Tgt Ion: 56 Resp: 5395

Ion Ratio Lower Upper

56 100

69 178.2 25.6 38.4#

84 157.7 67.4 101.0#



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

5000

4000

3000

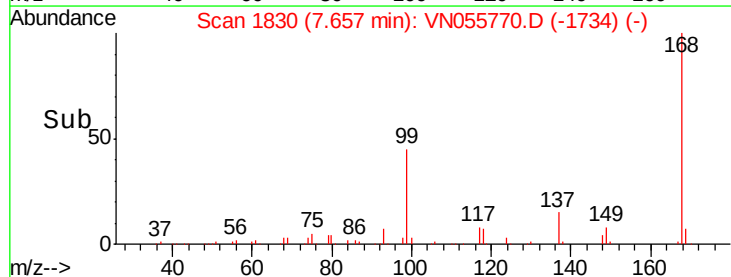
2000

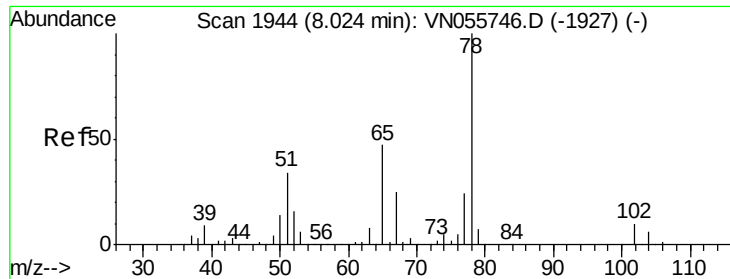
1000

0

7.60 7.65 7.70

Time-->

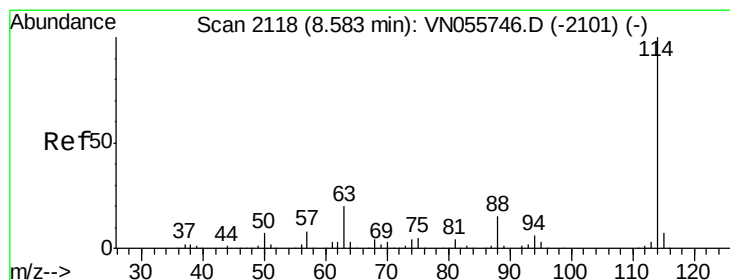
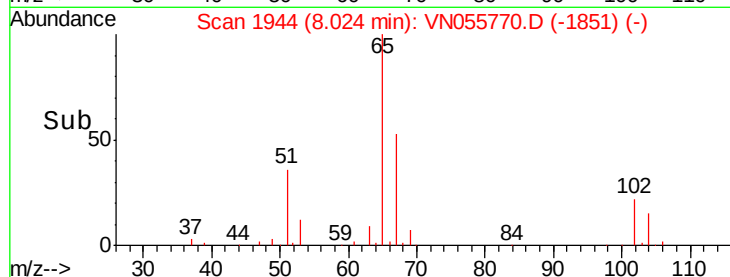
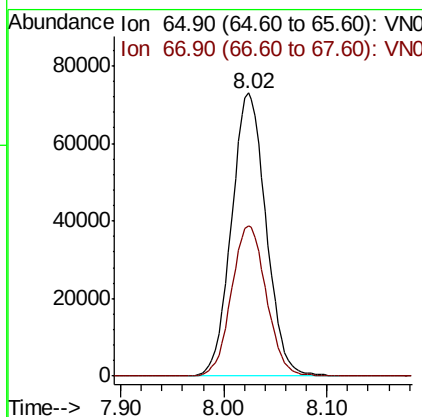
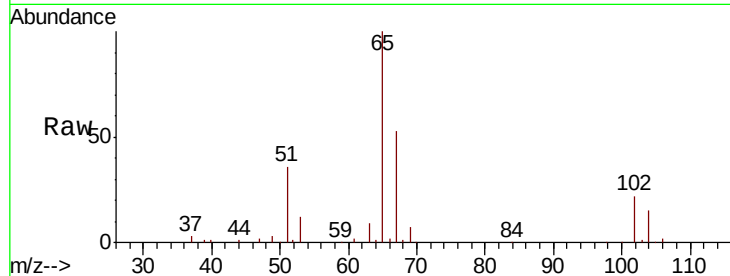




#33
 1,2-Dichloroethane-d4
 Concen: 44.056 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN055770.D
 Acq: 23 May 2019 22:12

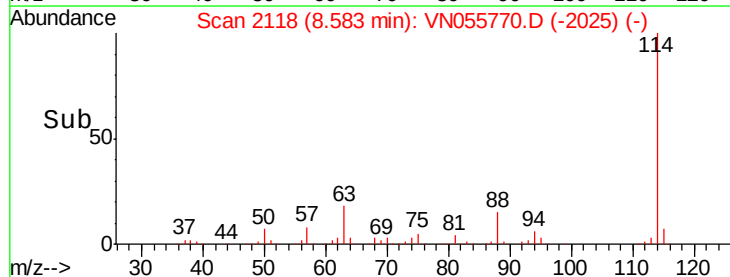
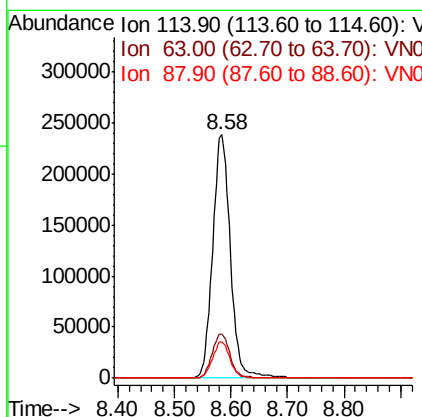
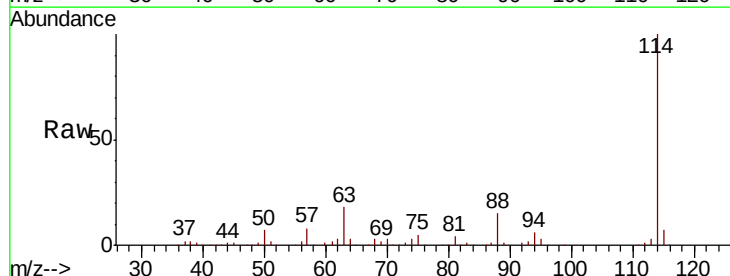
Instrument :
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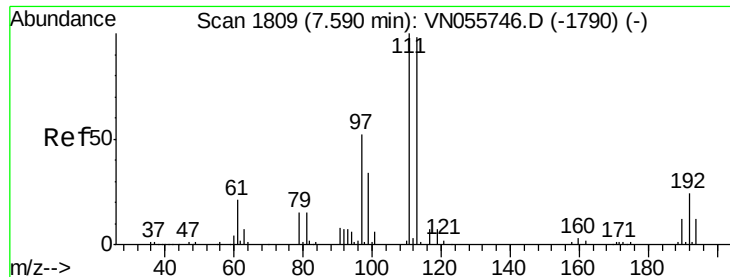
Tot Ion: 65 Resp: 170013
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055770.D
 Acq: 23 May 2019 22:12

Tgt Ion: 114 Resp: 516957
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 39.2
 88 14.9 0.0 31.0

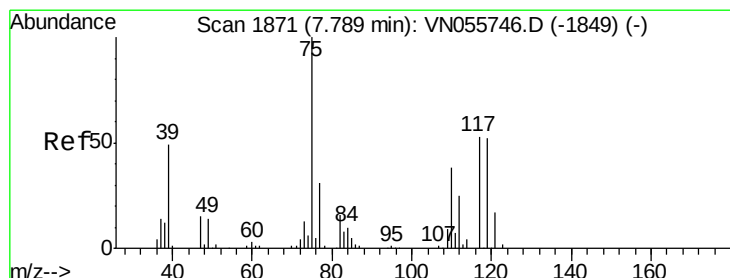
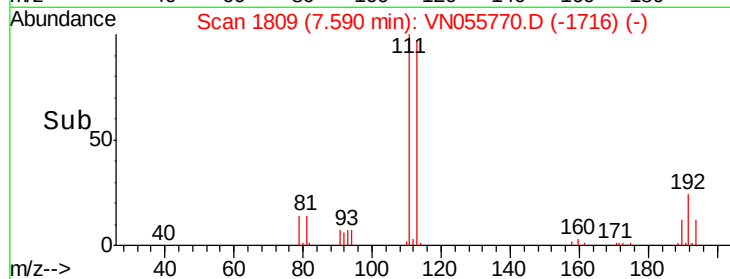
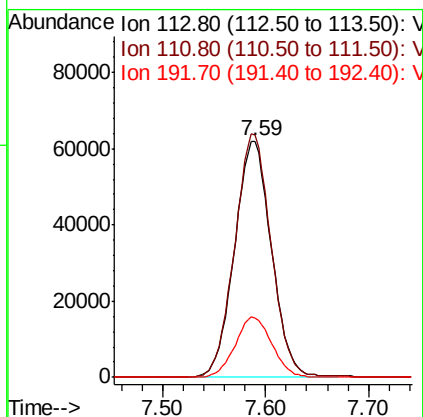
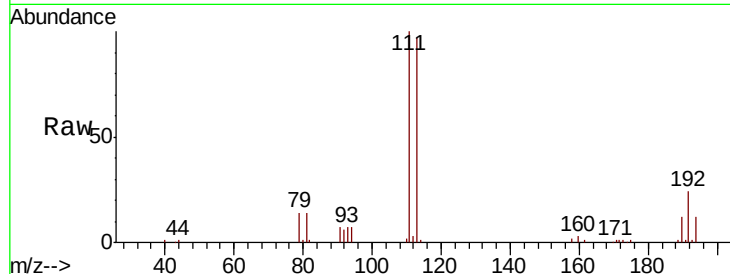




#35
 Dibromofluoromethane
 Concen: 47.309 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055770.D
 Acq: 23 May 2019 22:12

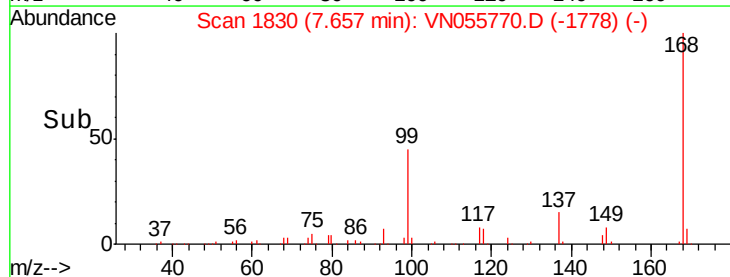
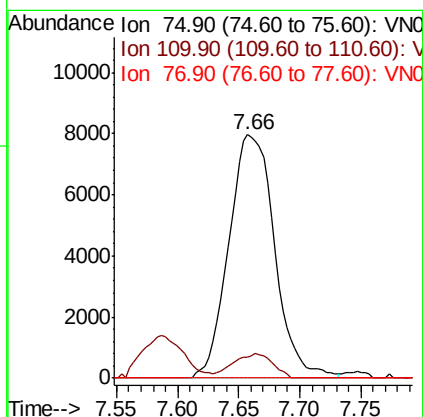
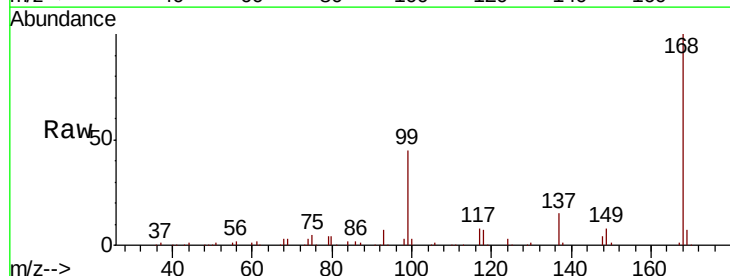
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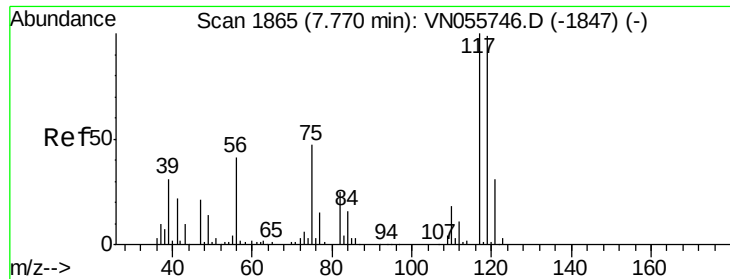
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.9	122.9
192	25.3	19.5	29.3



#36
 1,1-Dichloropropene
 Concen: 4.601 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN055770.D
 Acq: 23 May 2019 22:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	19.0	57.0#
77	0.0	25.1	37.7#

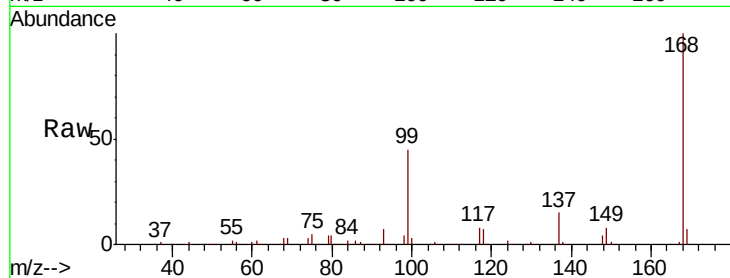




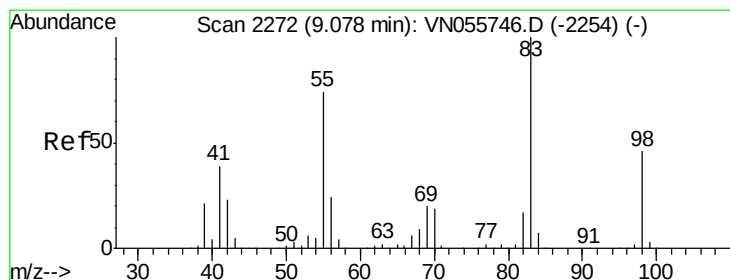
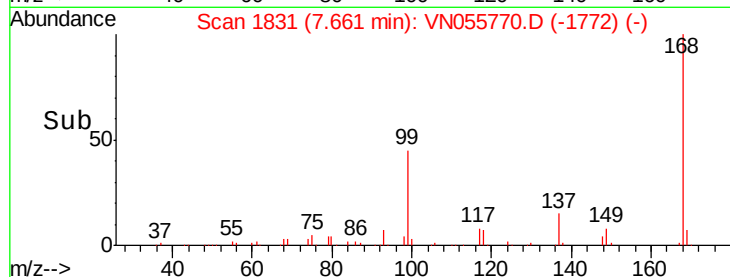
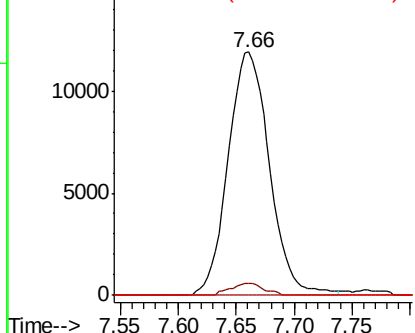
#38
Carbon Tetrachloride
Concen: 6.279 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN055770.D
Acq: 23 May 2019 22:12

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E-6R(17-20)

Tot Ion:117 Resp: 29464
Ion Ratio Lower Upper
117 100
119 4.8 79.0 118.6#
121 0.0 24.7 37.1#

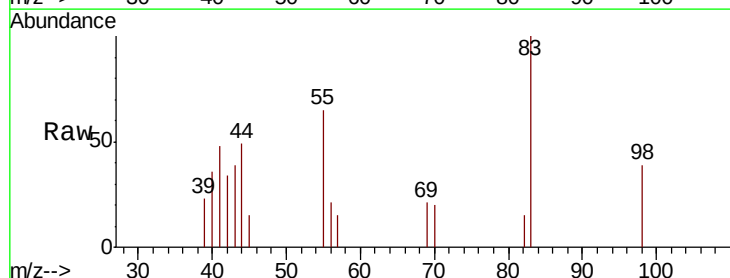


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

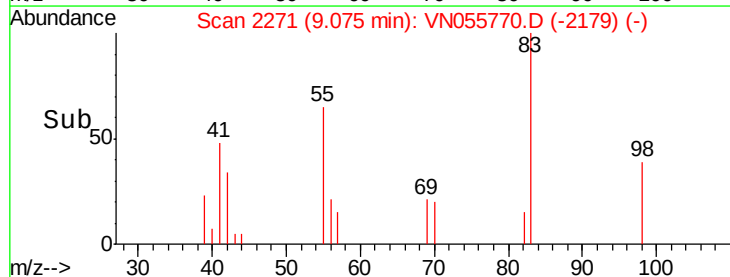
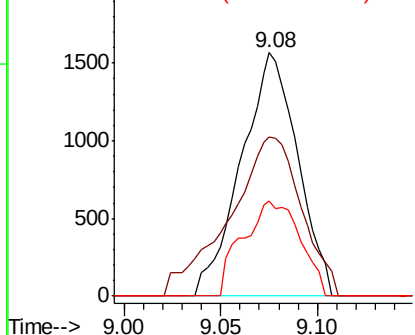


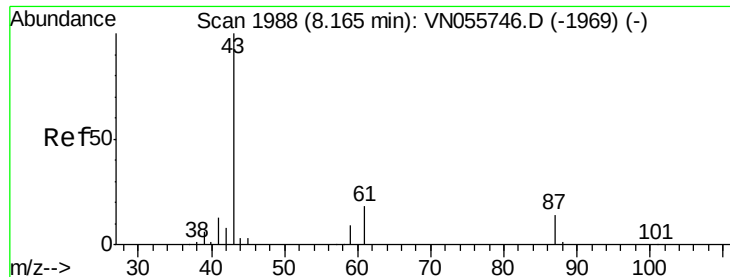
#39
Methylcyclohexane
Concen: 0.569 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN055770.D
Acq: 23 May 2019 22:12

Tgt Ion: 83 Resp: 3175
Ion Ratio Lower Upper
83 100
55 65.4 59.3 88.9
98 38.8 36.6 54.8



Abundance Ion 83.00 (82.70 to 83.70): VN
Ion 55.00 (54.70 to 55.70): VN
Ion 98.00 (97.70 to 98.70): VN





#43

Isopropyl Acetate

Concen: 0.531 ug/l

RT: 8.24 min Scan# 2011

Delta R.T. 0.07 min

Lab File: VN055770.D

Acq: 23 May 2019 22:12

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E-6R(17-20)

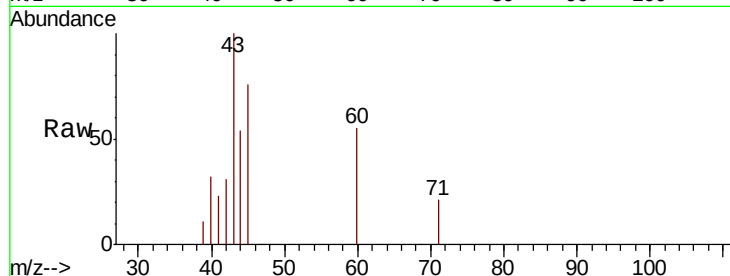
Tot Ion: 43 Resp: 3884

Ion Ratio Lower Upper

43 100

61 0.0 22.2 33.4#

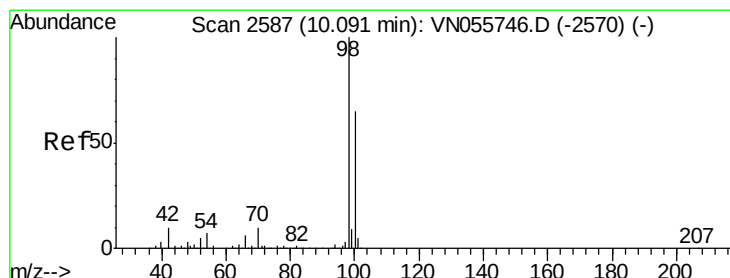
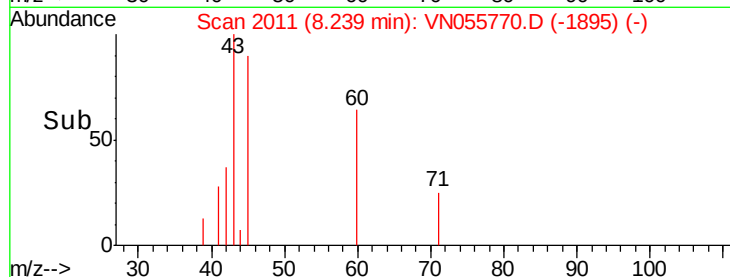
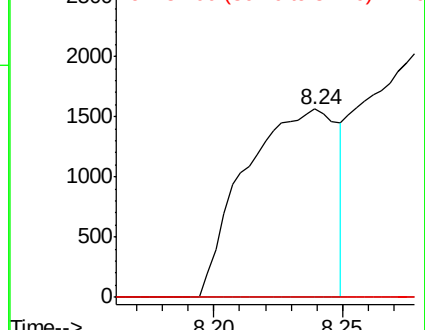
87 0.0 11.4 17.2#



Abundance Ion 43.00 (42.70 to 43.70): VN055770.D (-2011) (-)

Ion 61.00 (60.70 to 61.70): VN055770.D (-2011) (-)

Ion 87.00 (86.70 to 87.70): VN055770.D (-2011) (-)



#50

Toluene-d8

Concen: 48.765 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055770.D

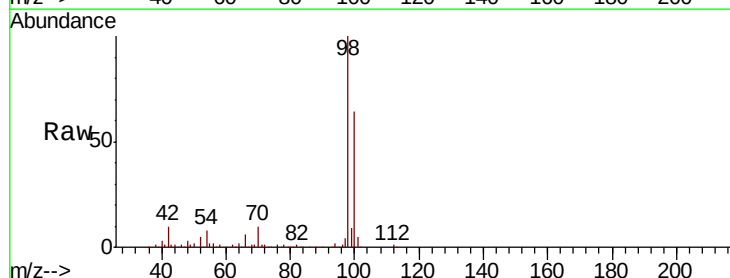
Acq: 23 May 2019 22:12

Tgt Ion: 98 Resp: 611381

Ion Ratio Lower Upper

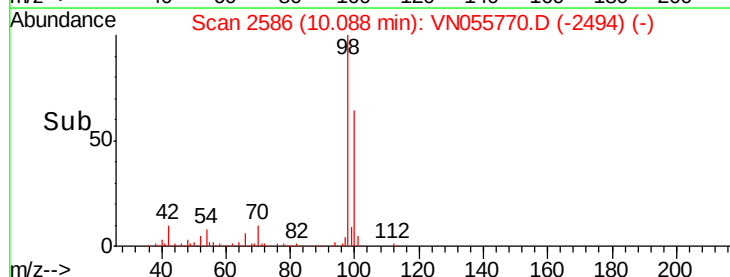
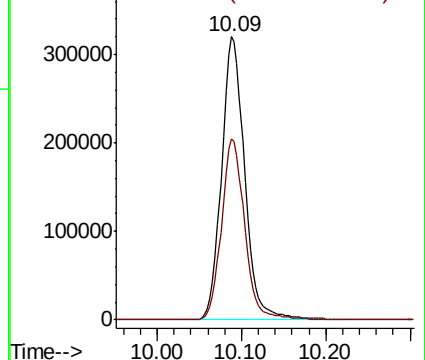
98 100

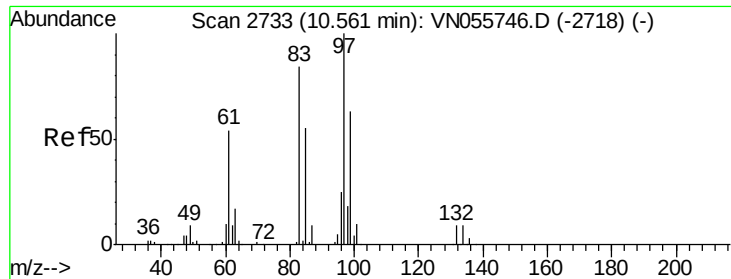
100 64.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055770.D (-2586) (-)

Ion 100.00 (99.70 to 100.70): VN055770.D (-2586) (-)





#55

1,1,2-Trichloroethane

Concen: 2.124 ug/l

RT: 10.53 min Scan# 2722

Delta R.T. -0.04 min

Lab File: VN055770.D

Acq: 23 May 2019 22:12

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E-6R(17-20)

Tot Ion: 97 Resp: 7265

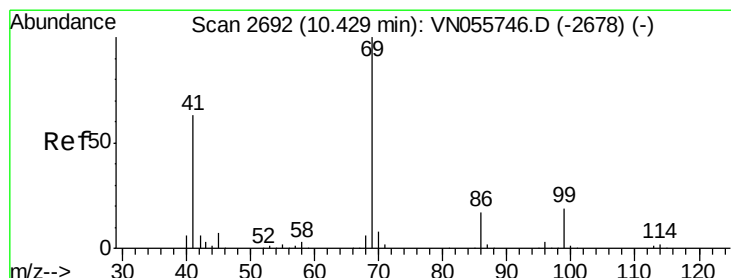
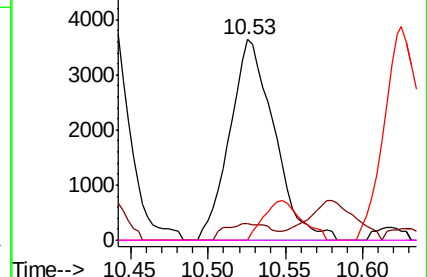
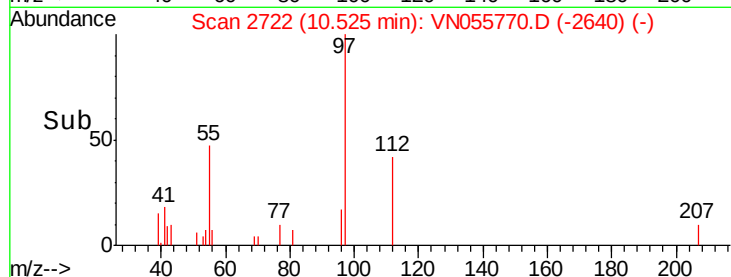
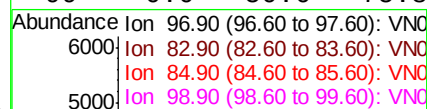
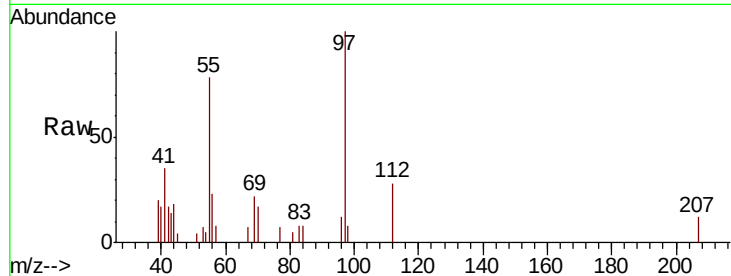
Ion Ratio Lower Upper

97 100

83 8.3 67.0 100.6#

85 0.0 44.0 66.0#

99 0.0 50.6 75.8#



#56

Ethyl methacrylate

Concen: 0.574 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055770.D

Acq: 23 May 2019 22:12

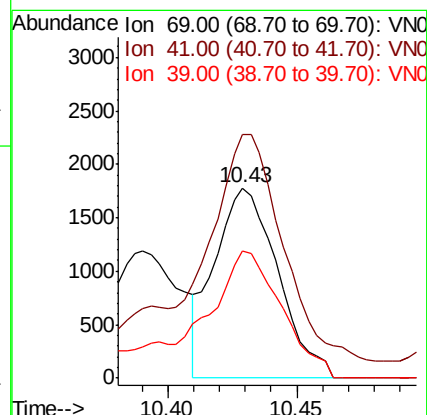
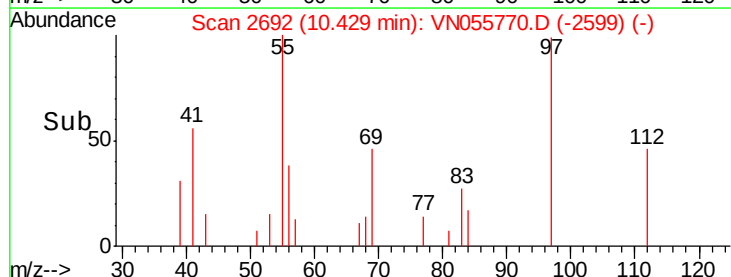
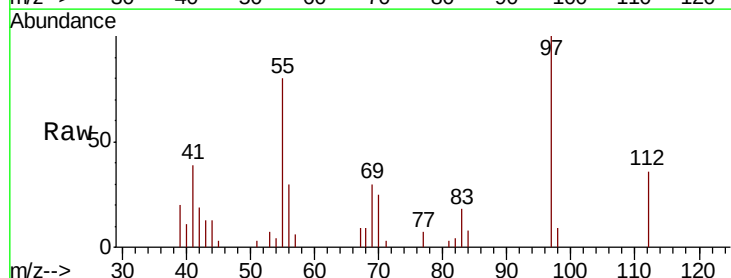
Tgt Ion: 69 Resp: 3036

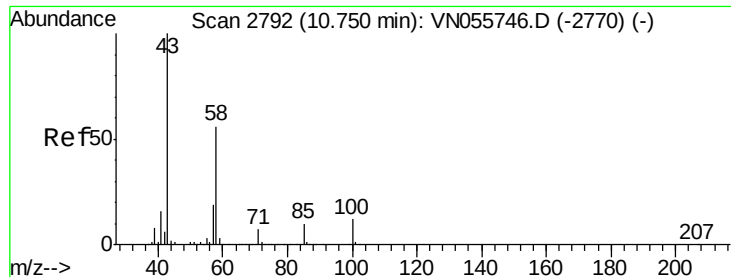
Ion Ratio Lower Upper

69 100

41 141.1 49.7 74.5#

39 74.4 24.7 37.1#

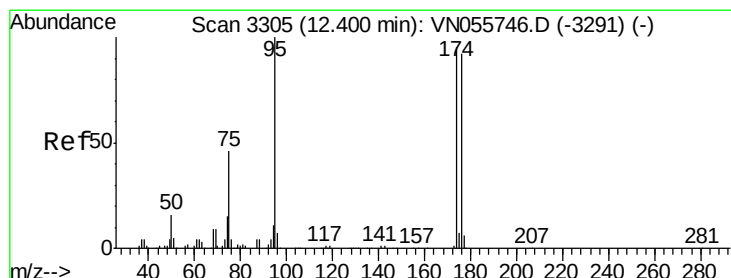
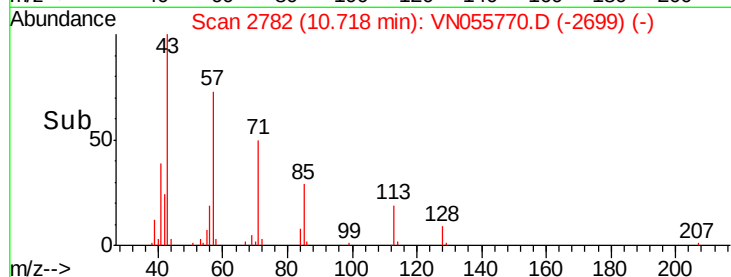
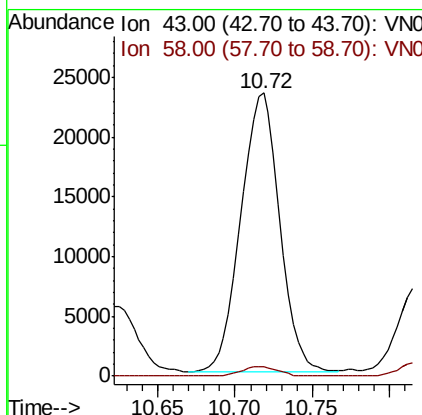
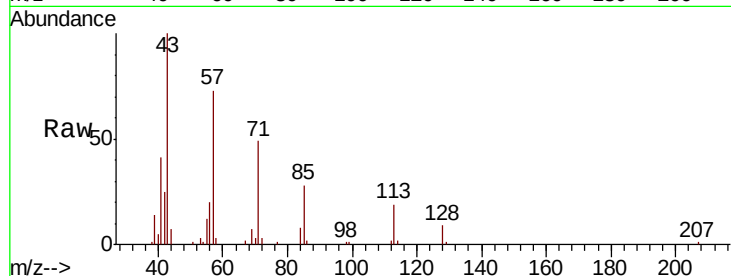




#59
2-Hexanone
Concen: 13.374 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN055770.D
Acq: 23 May 2019 22:12

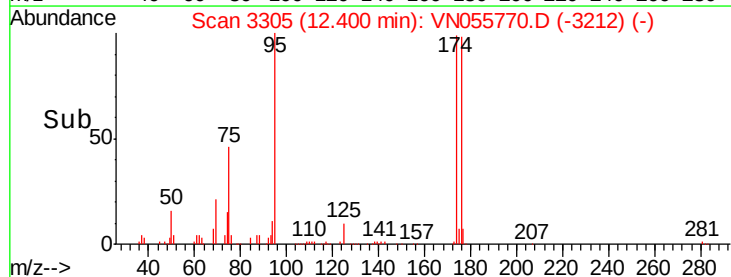
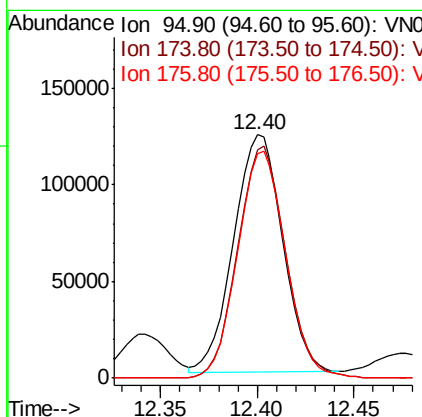
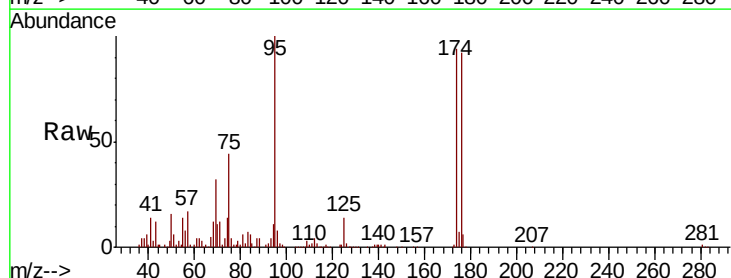
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E-6R(17-20)

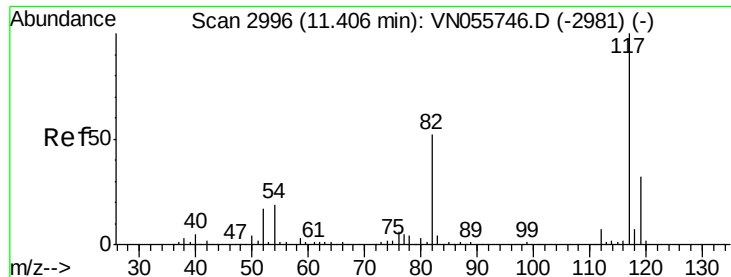
Tot Ion: 43 Resp: 40994
Ion Ratio Lower Upper
43 100
58 3.1 28.2 84.7#



#62
4-Bromofluorobenzene
Concen: 50.178 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055770.D
Acq: 23 May 2019 22:12

Tgt Ion: 95 Resp: 215708
Ion Ratio Lower Upper
95 100
174 95.9 0.0 191.0
176 94.2 0.0 185.2

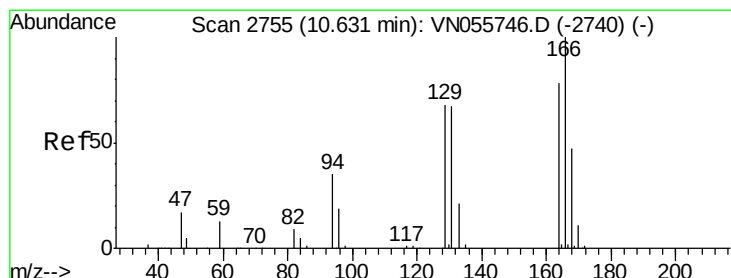
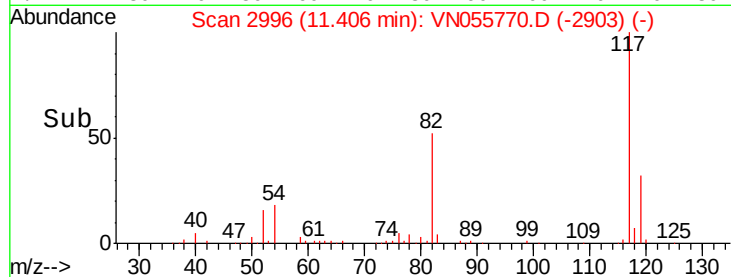
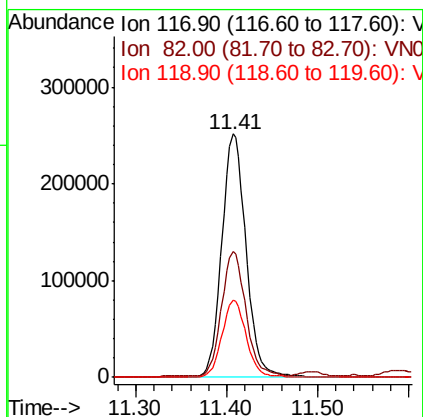
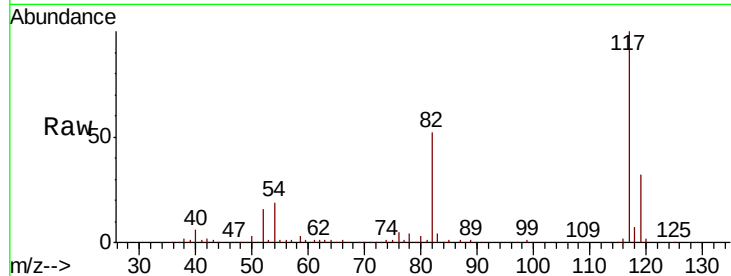




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055770.D
Acq: 23 May 2019 22:12

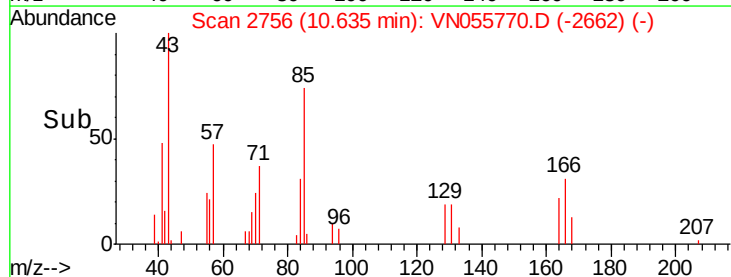
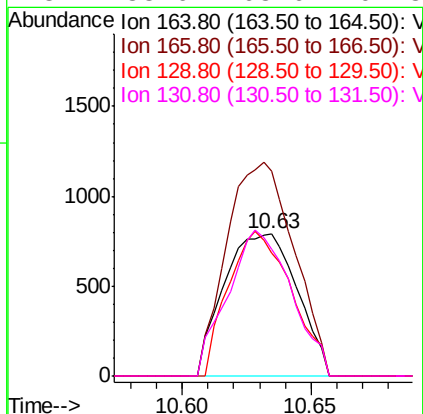
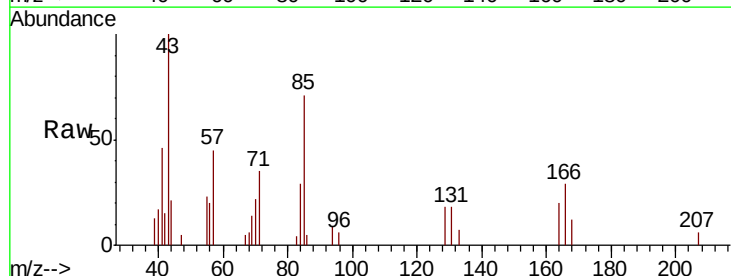
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E-6R(17-20)

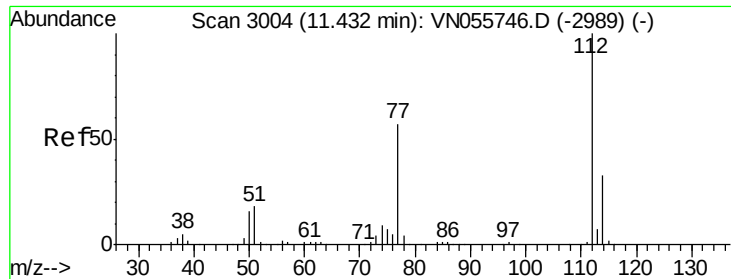
Tot Ion:117 Resp: 466604
Ion Ratio Lower Upper
117 100
82 51.3 41.8 62.8
119 31.6 25.4 38.0



#64
Tetrachloroethene
Concen: 0.397 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN055770.D
Acq: 23 May 2019 22:12

Tgt Ion:164 Resp: 1561
Ion Ratio Lower Upper
164 100
166 143.9 103.0 154.6
129 86.6 70.6 105.8
131 88.6 68.6 102.8





#65

Chlorobenzene

Concen: 0.284 ug/l

RT: 11.54 min Scan# 3037

Delta R.T. 0.11 min

Lab File: VN055770.D

Acq: 23 May 2019 22:12

Instrument :

MSVOA_N

ClientSampleId :

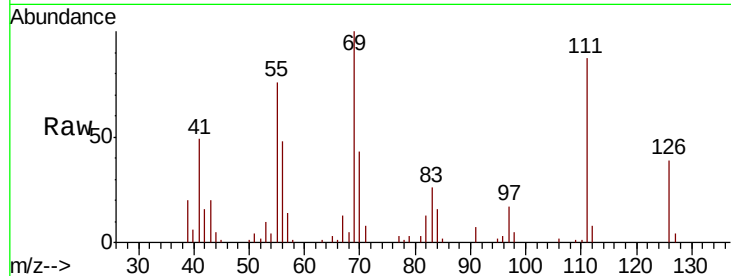
EP1-SB-E-6R(17-20)

Tot Ion:112 Resp: 2657

Ion Ratio Lower Upper

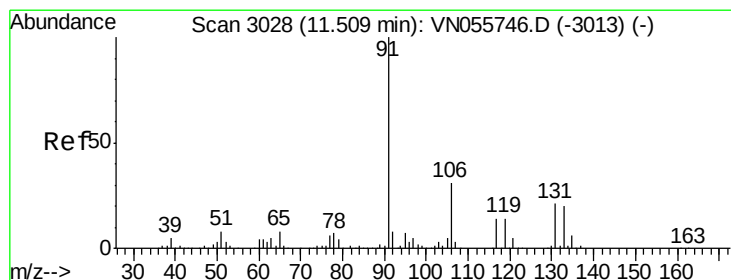
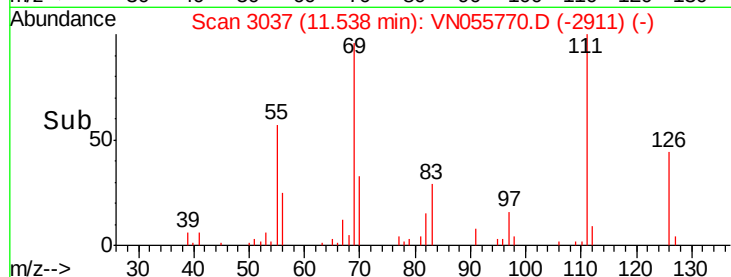
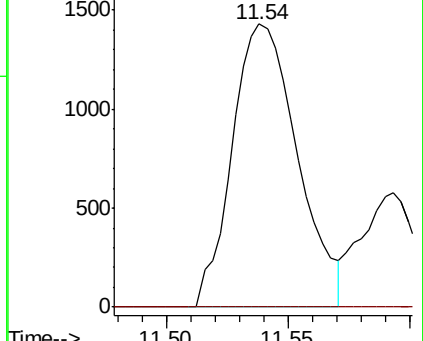
112 100

114 0.0 26.2 39.4#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 1.227 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN055770.D

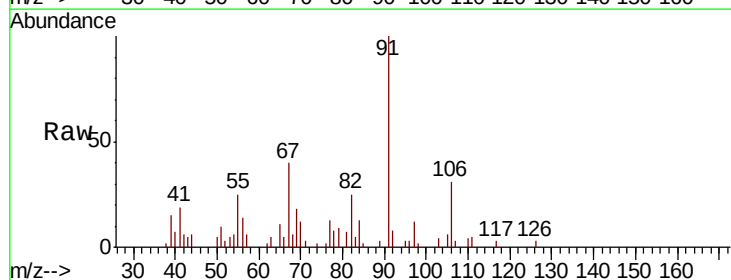
Acq: 23 May 2019 22:12

Tgt Ion: 91 Resp: 20545

Ion Ratio Lower Upper

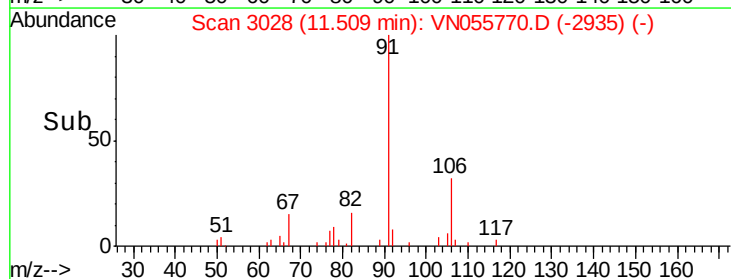
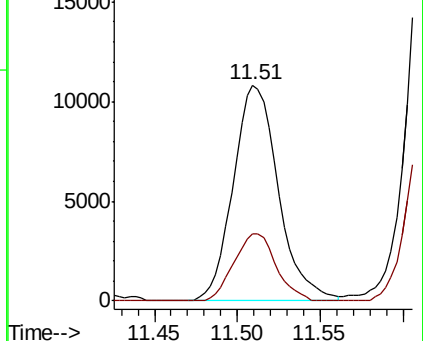
91 100

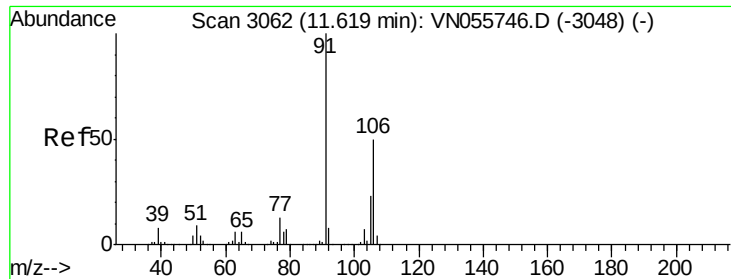
106 30.9 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

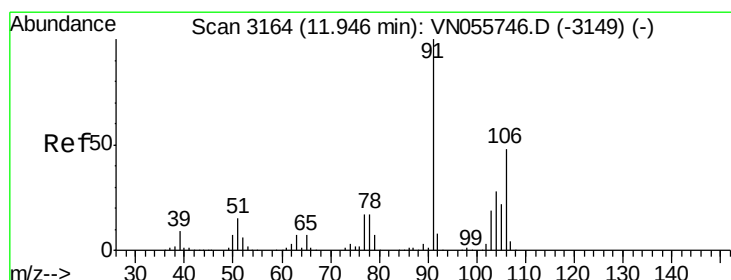
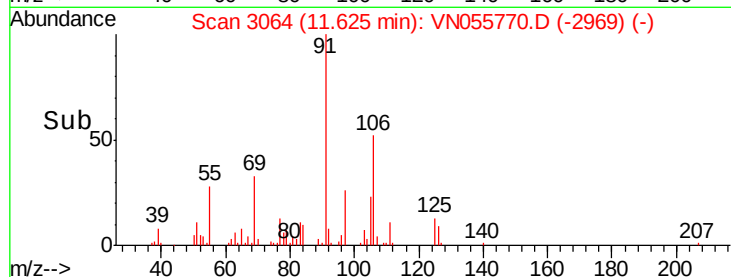
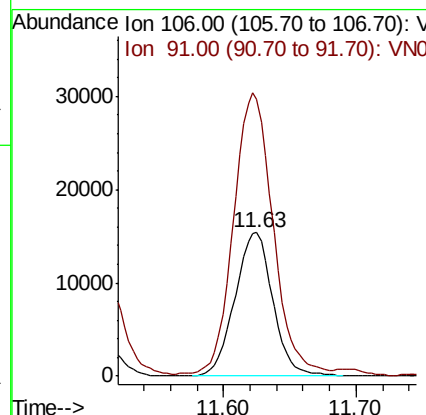
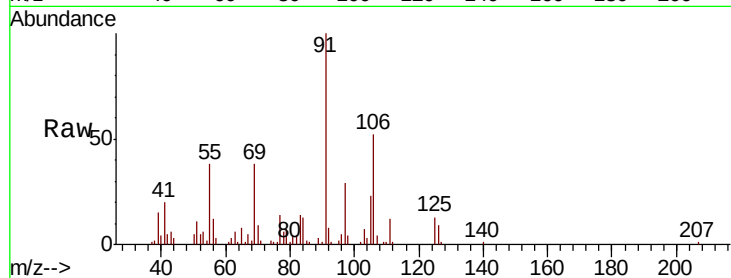




#68
m/p-Xylenes
Concen: 4.827 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.01 min
Lab File: VN055770.D
Acq: 23 May 2019 22:12

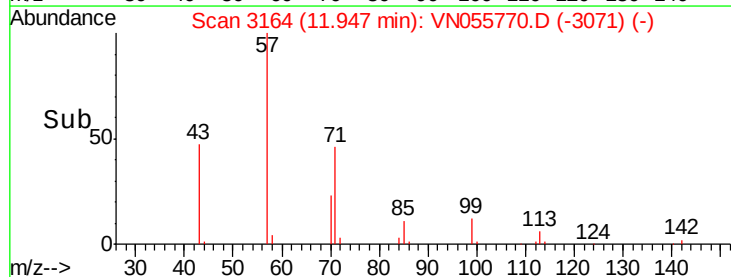
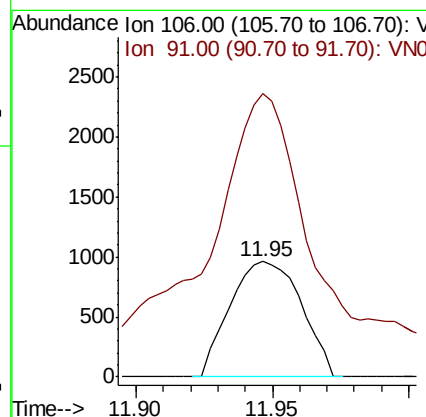
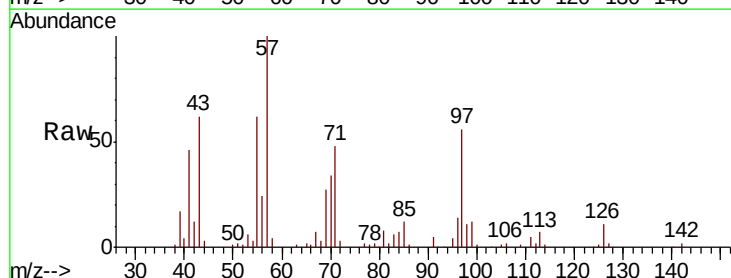
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E-6R(17-20)

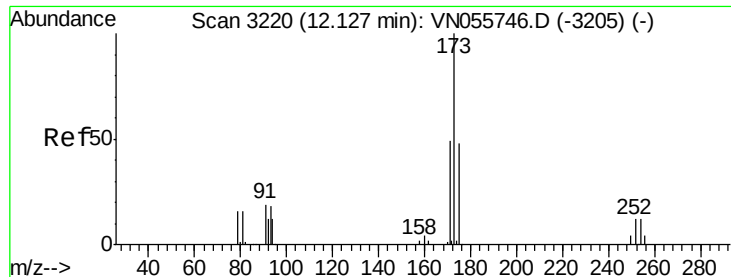
Tot Ion:106 Resp: 30570
Ion Ratio Lower Upper
106 100
91 207.4 159.3 238.9



#69
o-Xylene
Concen: 0.278 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055770.D
Acq: 23 May 2019 22:12

Tgt Ion:106 Resp: 1748
Ion Ratio Lower Upper
106 100
91 337.2 104.7 314.1#





#71

Bromoform

Concen: 0.496 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN055770.D

Acq: 23 May 2019 22:12

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E-6R(17-20)

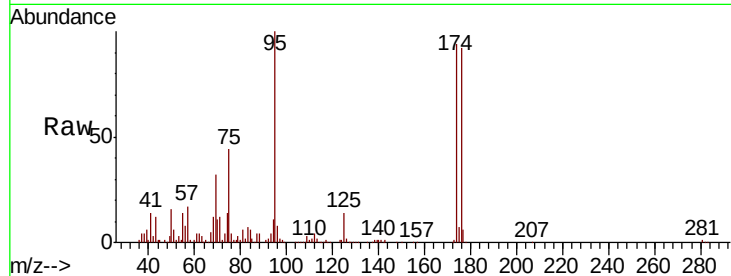
Tot Ion:173 Resp: 1575

Ion Ratio Lower Upper

173 100

175 843.4 24.3 72.8#

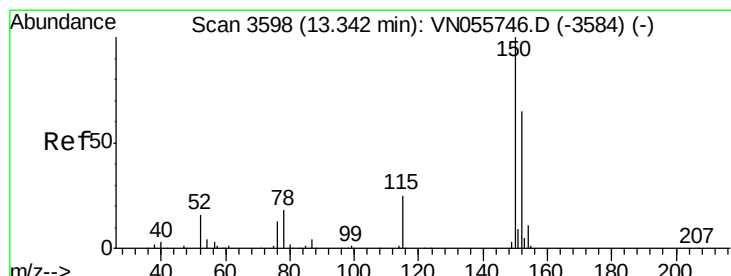
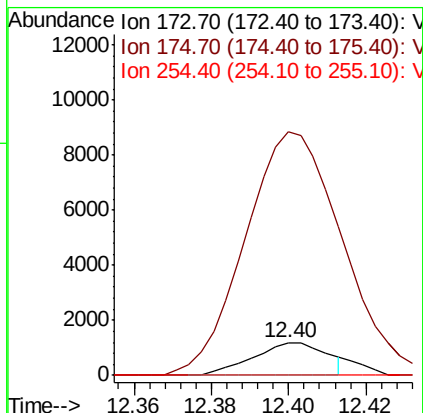
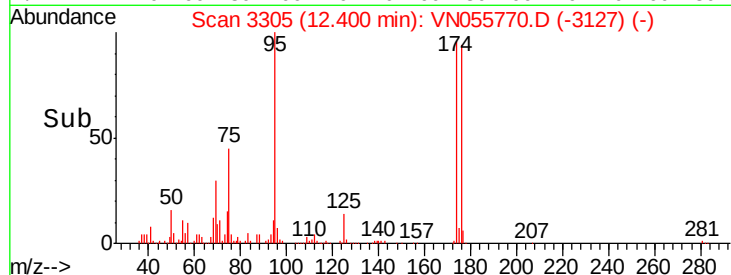
254 0.0 0.0 0.0



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: VN055770.D

Acq: 23 May 2019 22:12

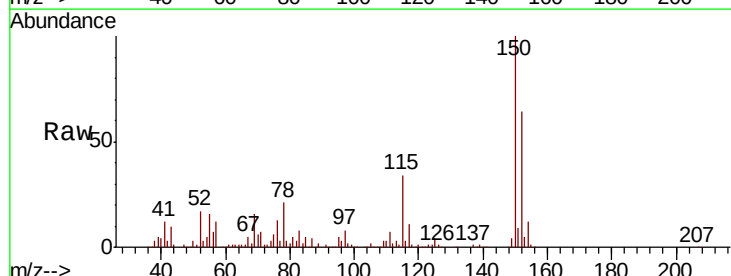
Tgt Ion:152 Resp: 226031

Ion Ratio Lower Upper

152 100

115 57.7 27.0 81.0

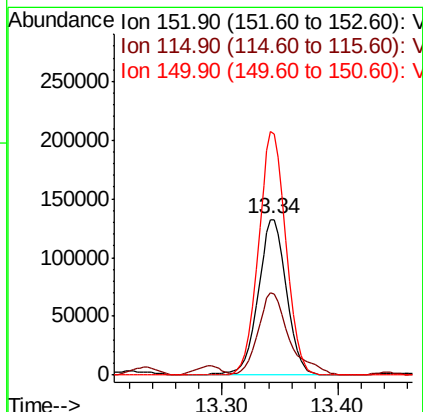
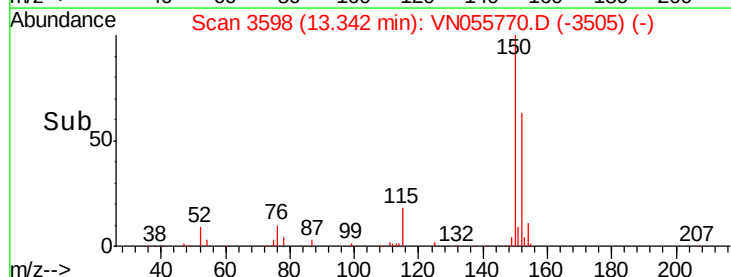
150 150.2 0.0 343.2

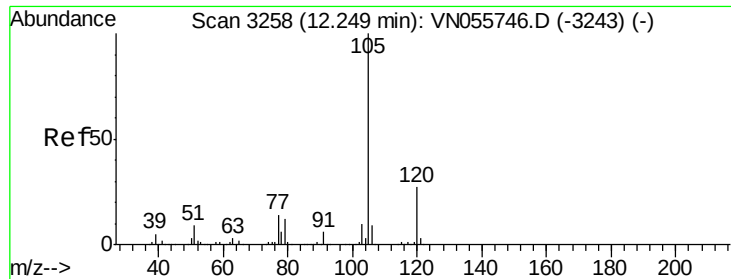


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 3.840 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055770.D

Acq: 23 May 2019 22:12

Instrument :

MSVOA_N

ClientSampleId :

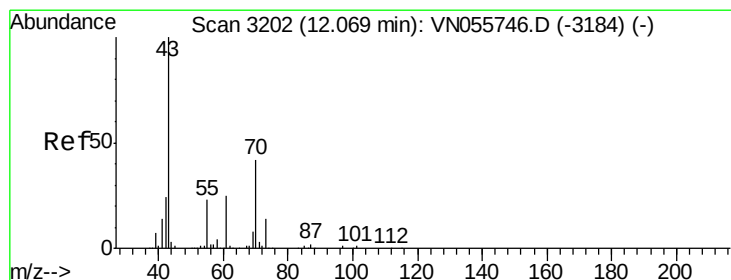
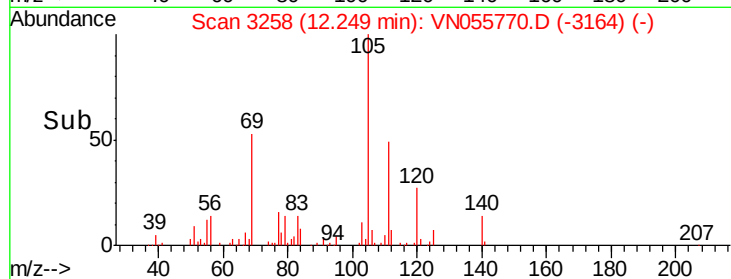
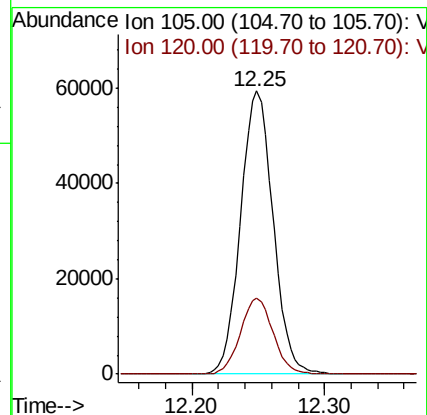
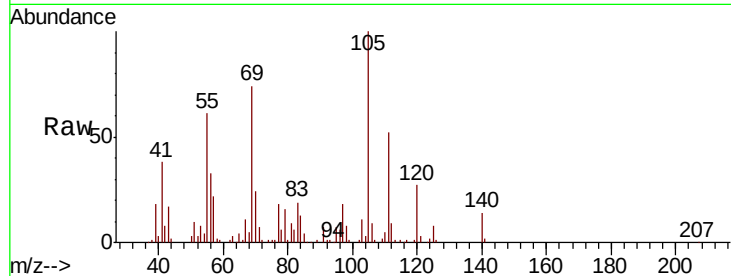
EP1-SB-E-6R(17-20)

Tot Ion:105 Resp: 101323

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7



#74

N-ethyl acetate

Concen: 44.277 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN055770.D

Acq: 23 May 2019 22:12

Tgt Ion: 43 Resp: 272601

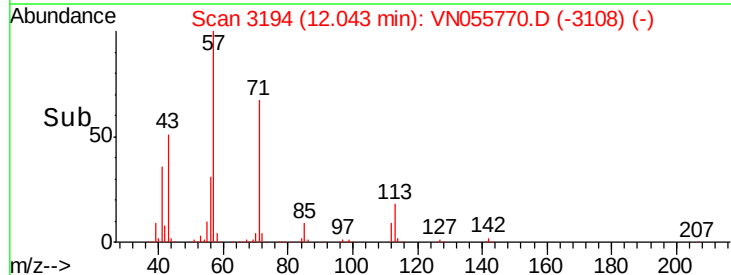
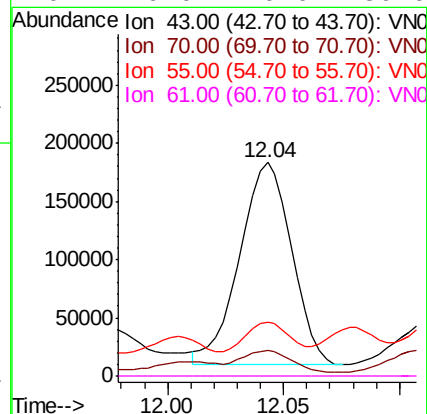
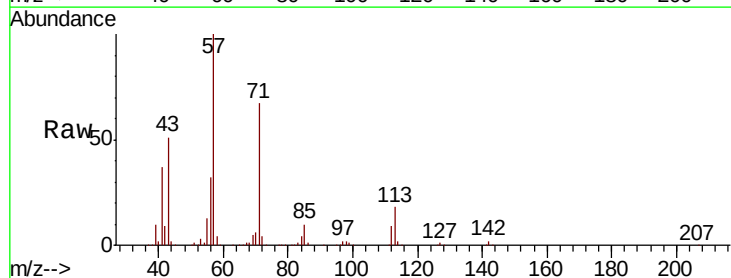
Ion Ratio Lower Upper

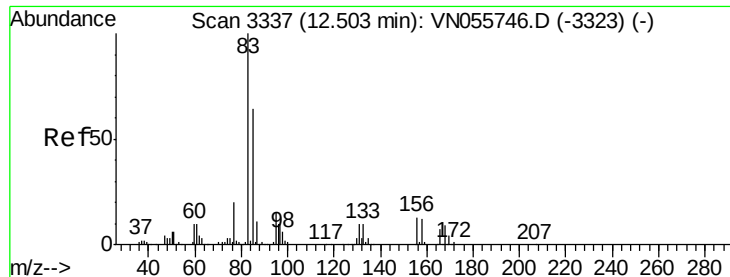
43 100

70 10.4 34.0 51.0#

55 12.0 18.6 28.0#

61 0.0 20.0 30.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.112 ug/l

RT: 12.47 min Scan# 3328

Delta R.T. -0.03 min

Lab File: VN055770.D

Acq: 23 May 2019 22:12

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E-6R(17-20)

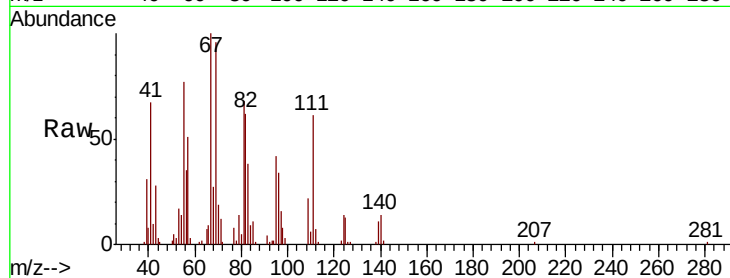
Tot Ion: 83 Resp: 20715

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

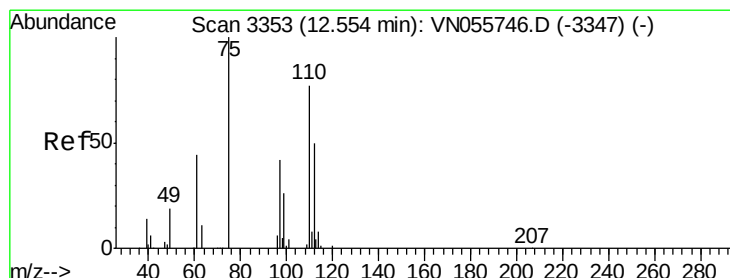
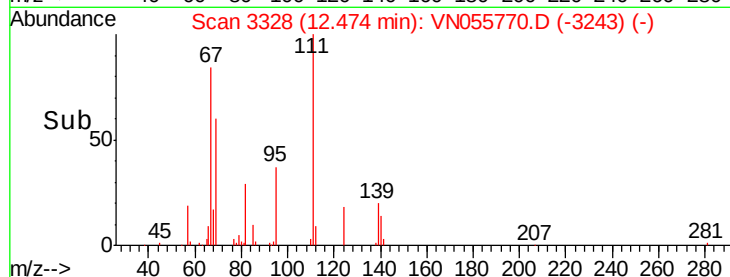
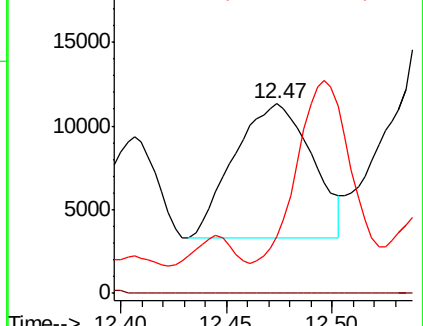
85 0.0 32.4 97.0#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 22.825 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055770.D

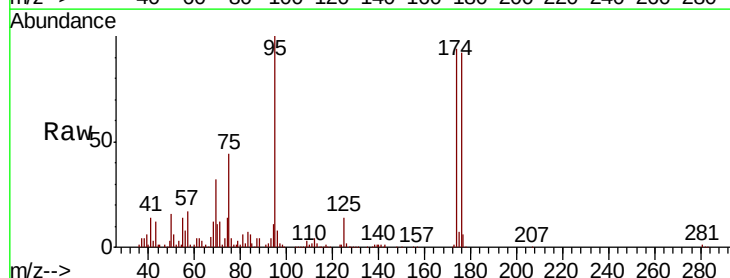
Acq: 23 May 2019 22:12

Tgt Ion: 75 Resp: 95497

Ion Ratio Lower Upper

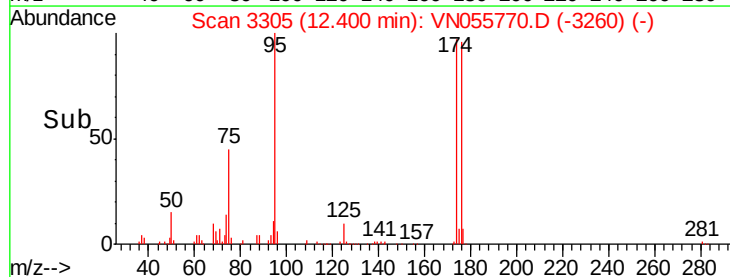
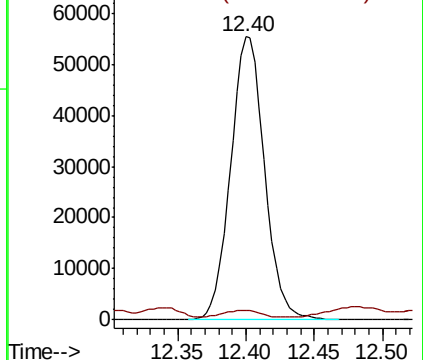
75 100

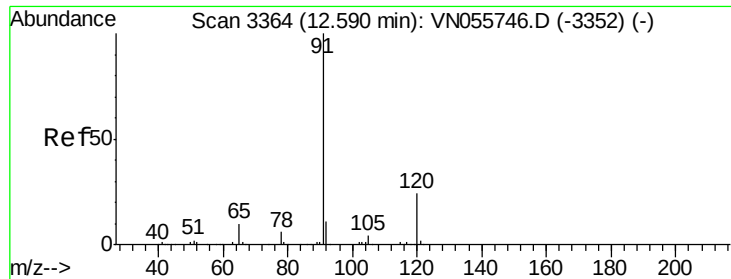
77 2.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 13.170 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055770.D

Acq: 23 May 2019 22:12

Instrument :

MSVOA_N

ClientSampleId :

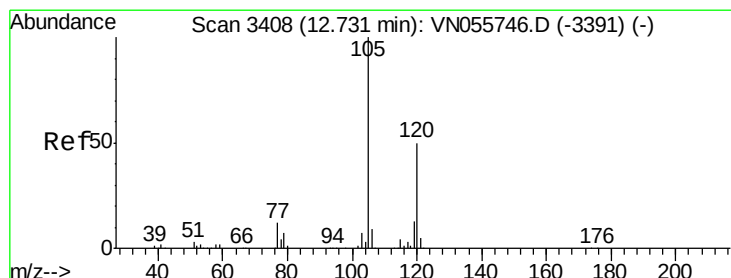
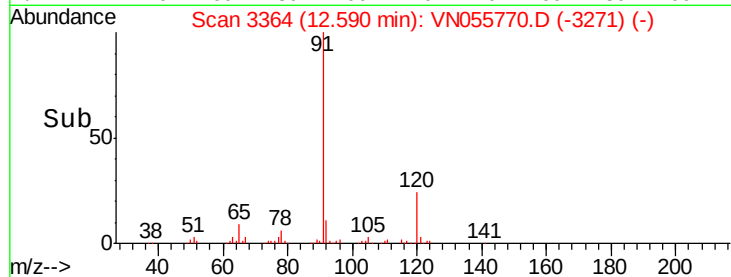
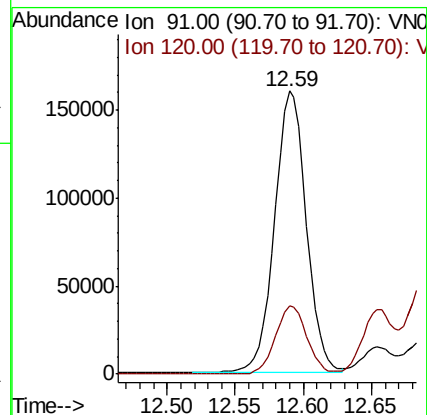
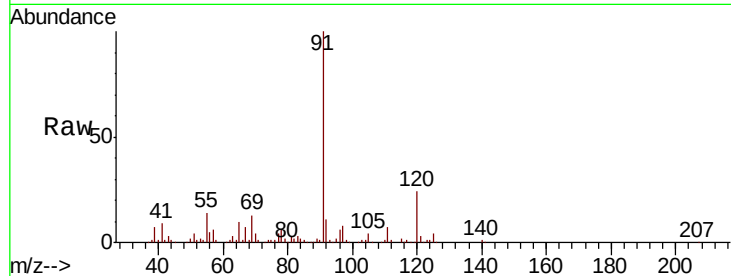
EP1-SB-E-6R(17-20)

Tot Ion: 91 Resp: 258722

Ion Ratio Lower Upper

91 100

120 24.1 12.0 36.0



#80

1,3,5-Trimethylbenzene

Concen: 21.290 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055770.D

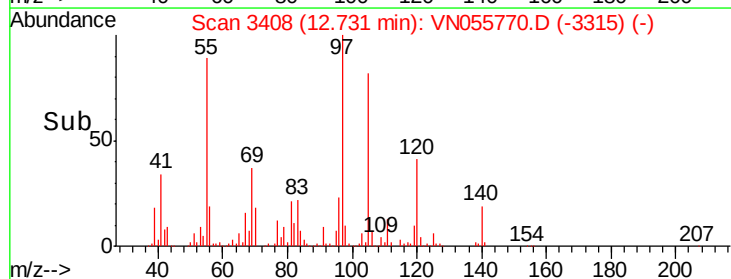
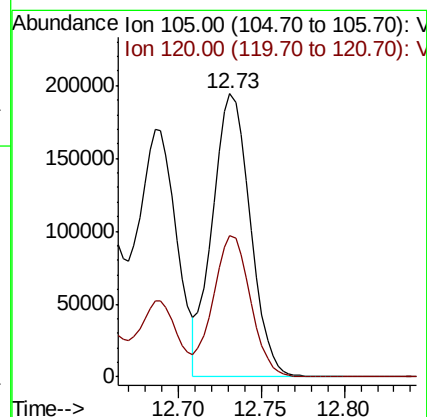
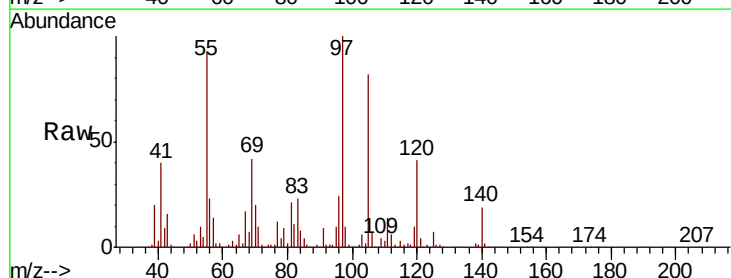
Acq: 23 May 2019 22:12

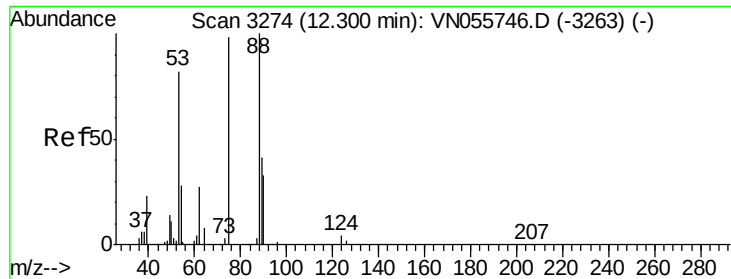
Tgt Ion: 105 Resp: 308026

Ion Ratio Lower Upper

105 100

120 49.2 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 56.846 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055770.D

Acq: 23 May 2019 22:12

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E-6R(17-20)

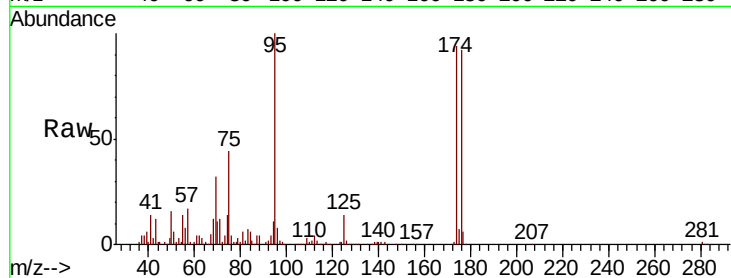
Tot Ion: 75 Resp: 95497

Ion Ratio Lower Upper

75 100

53 4.7 68.1 102.1#

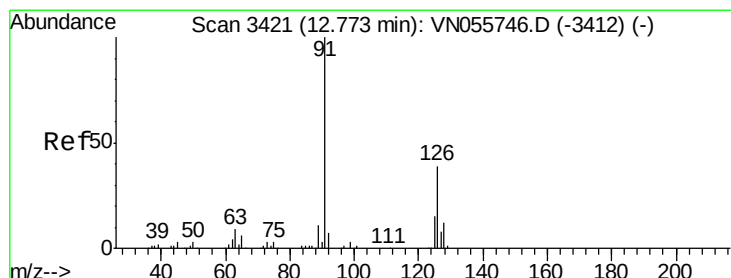
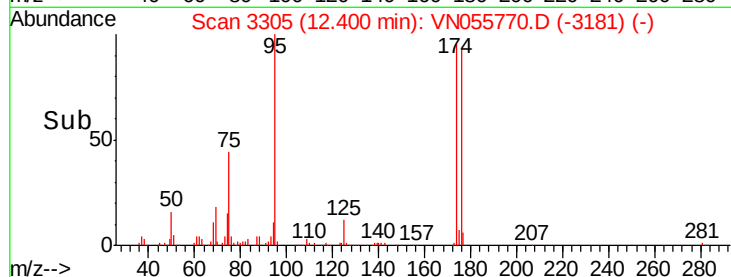
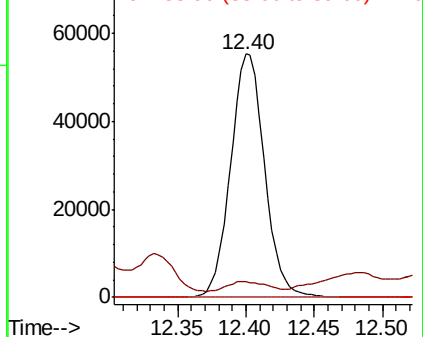
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 2.795 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN055770.D

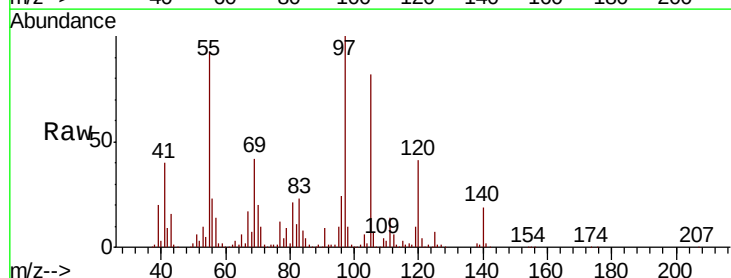
Acq: 23 May 2019 22:12

Tgt Ion: 91 Resp: 32274

Ion Ratio Lower Upper

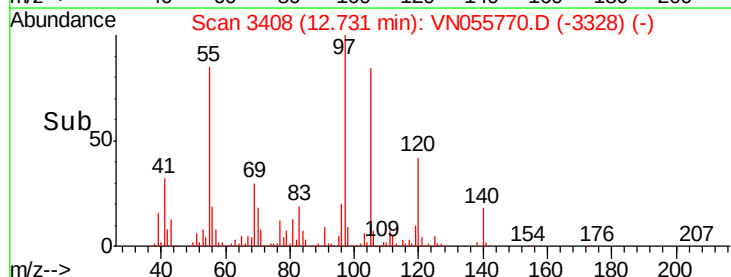
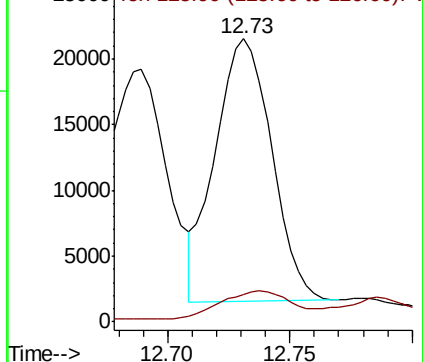
91 100

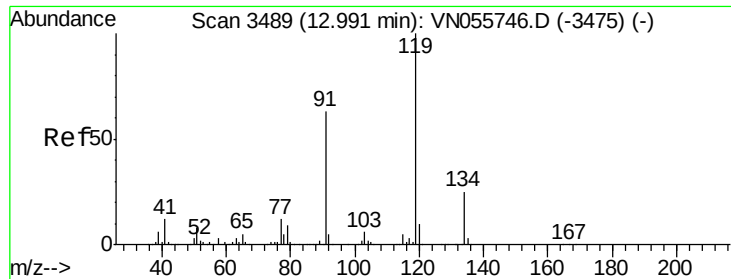
126 13.2 17.8 53.3#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

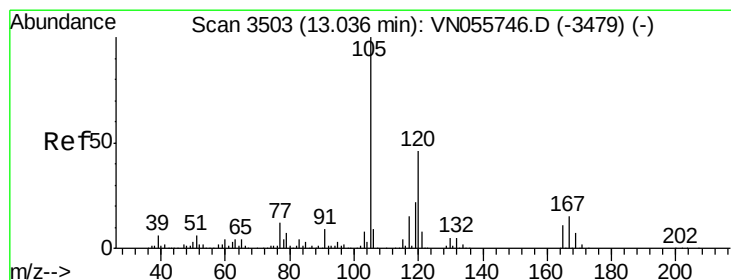
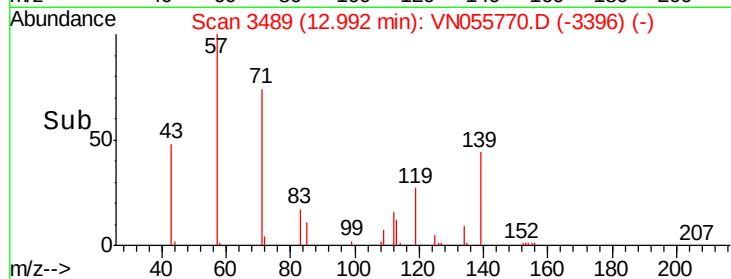
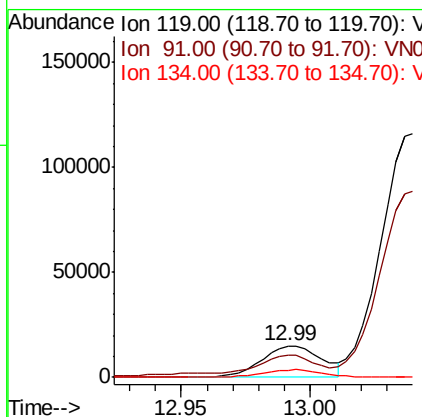
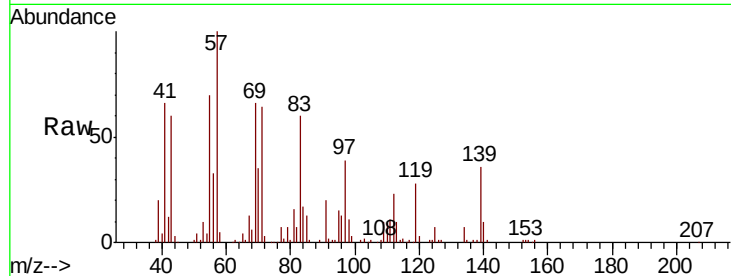




#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055770.D
Acq: 23 May 2019 22:12

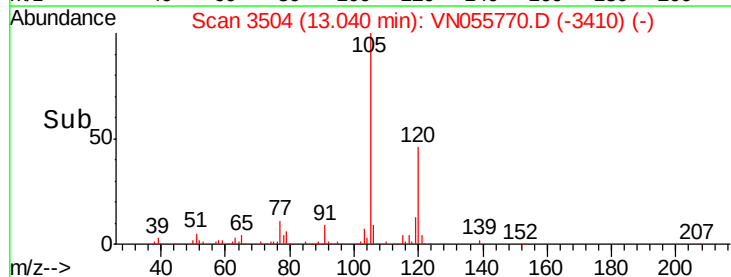
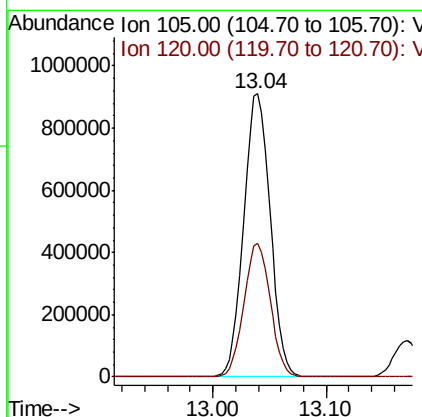
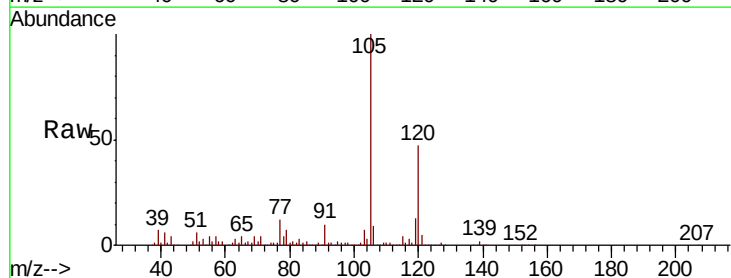
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E-6R(17-20)

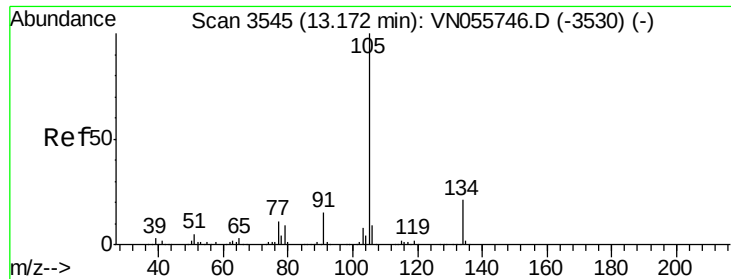
Tot Ion:119 Resp: 24382
Ion Ratio Lower Upper
119 100
91 68.2 30.9 92.8
134 24.0 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 113.249 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055770.D
Acq: 23 May 2019 22:12

Tgt Ion:105 Resp: 1490161
Ion Ratio Lower Upper
105 100
120 47.0 23.0 69.0





#85

sec-Butylbenzene

Concen: 10.388 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055770.D

Acq: 23 May 2019 22:12

Instrument :

MSVOA_N

ClientSampleId :

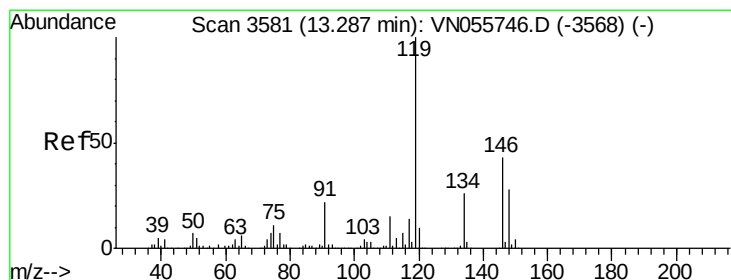
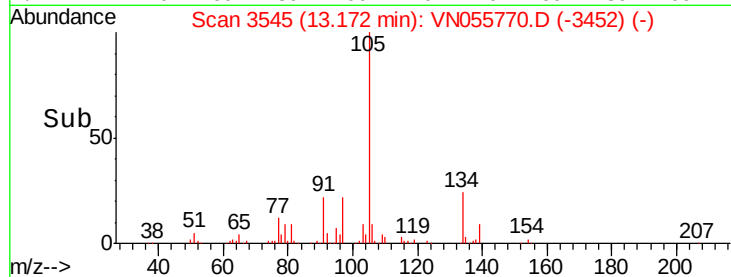
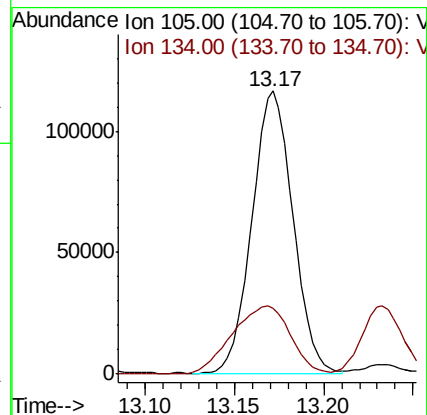
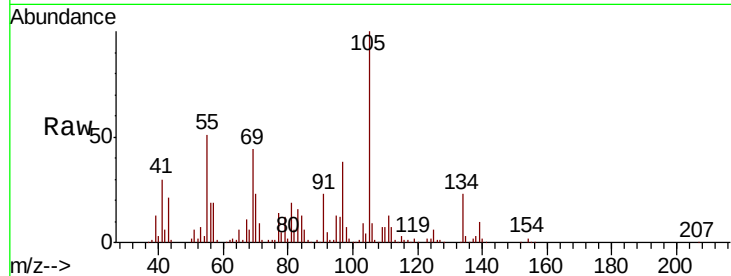
EP1-SB-E-6R(17-20)

Tot Ion:105 Resp: 186530

Ion Ratio Lower Upper

105 100

134 34.3 10.4 31.2#



#86

p-Isopropyltoluene

Concen: 10.550 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055770.D

Acq: 23 May 2019 22:12

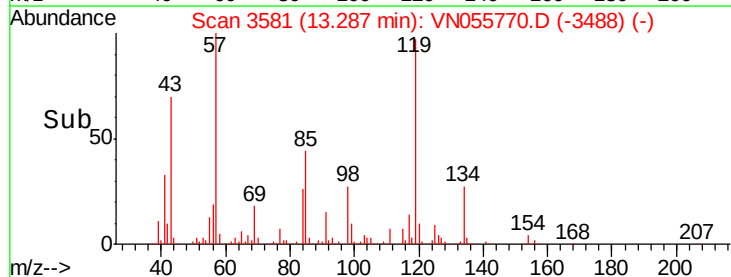
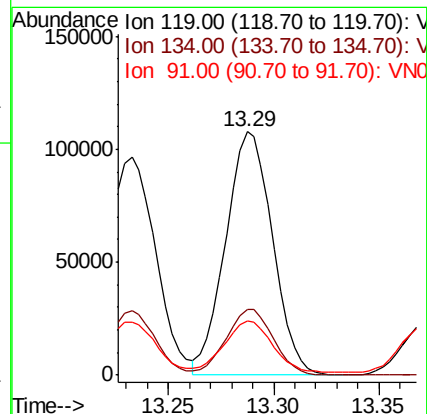
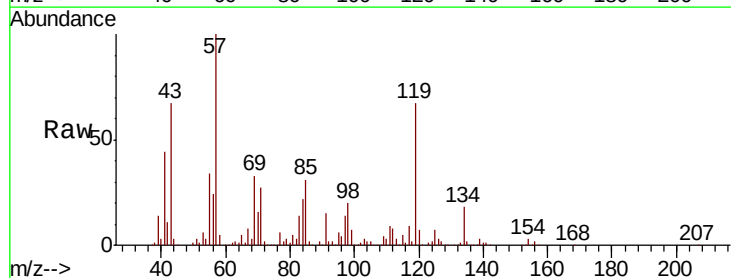
Tgt Ion:119 Resp: 165603

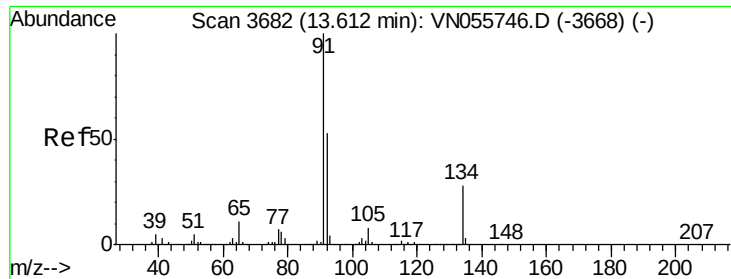
Ion Ratio Lower Upper

119 100

134 27.4 13.4 40.1

91 21.7 10.9 32.9





#89

n-Butylbenzene

Concen: 18.001 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055770.D

Acq: 23 May 2019 22:12

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E-6R(17-20)

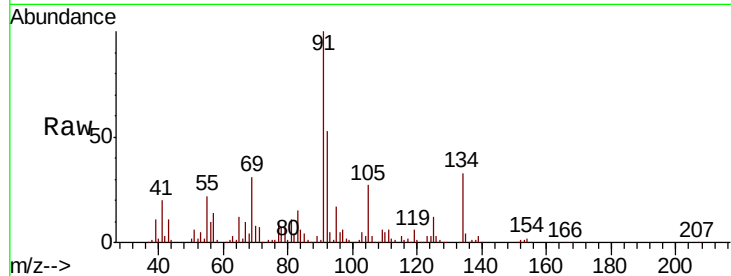
Tot Ion: 91 Resp: 216503

Ion Ratio Lower Upper

91 100

92 39.8 26.4 79.0

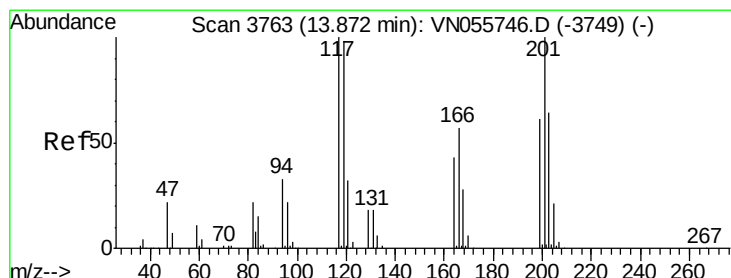
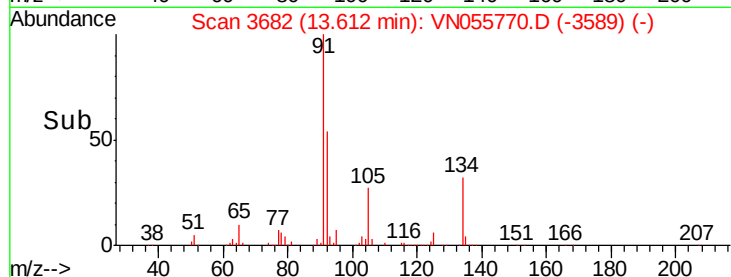
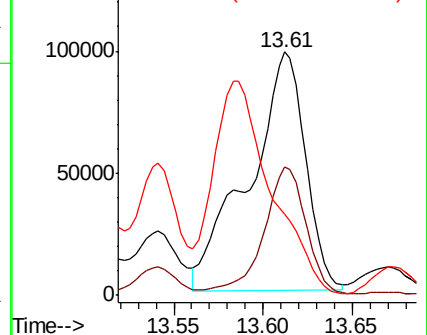
134 0.0 13.9 41.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 9.934 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN055770.D

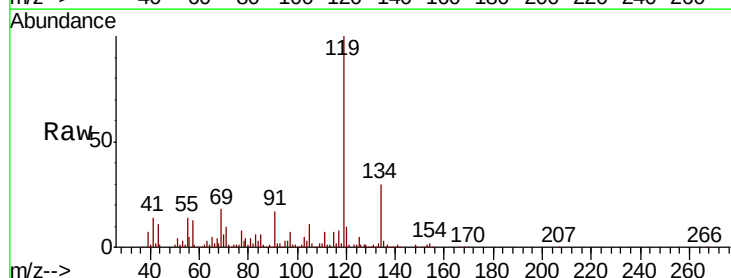
Acq: 23 May 2019 22:12

Tgt Ion: 117 Resp: 29681

Ion Ratio Lower Upper

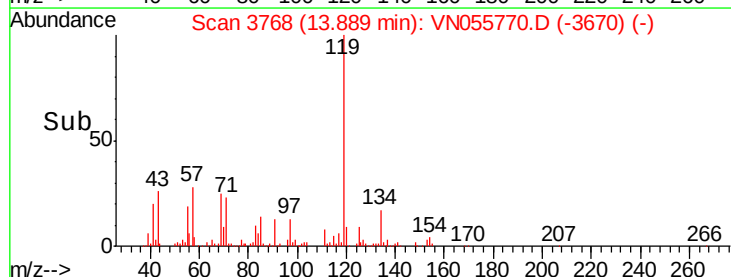
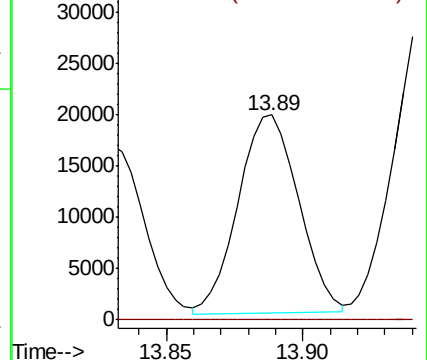
117 100

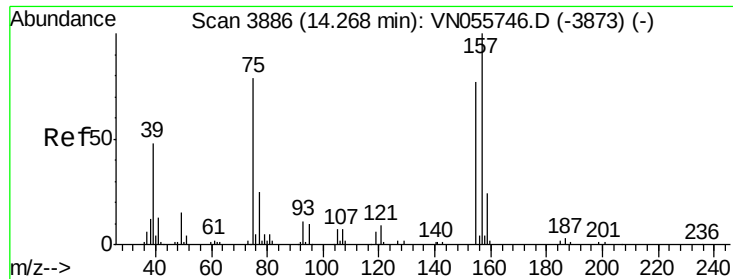
201 0.0 50.0 150.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.748 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.02 min

Lab File: VN055770.D

Acq: 23 May 2019 22:12

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E-6R(17-20)

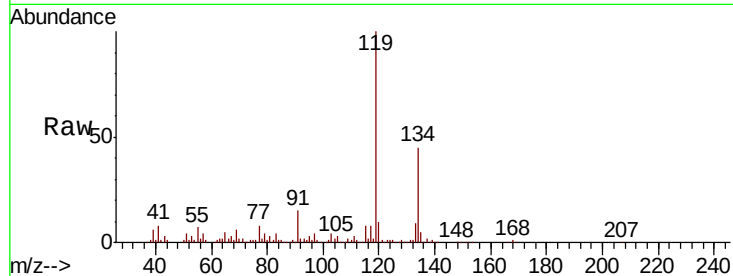
Tot Ion: 75 Resp: 1751

Ion Ratio Lower Upper

75 100

155 0.0 50.0 150.1#

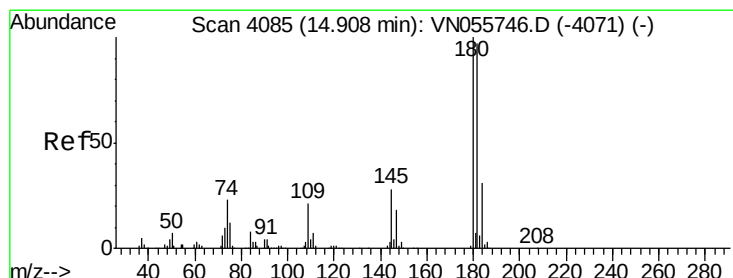
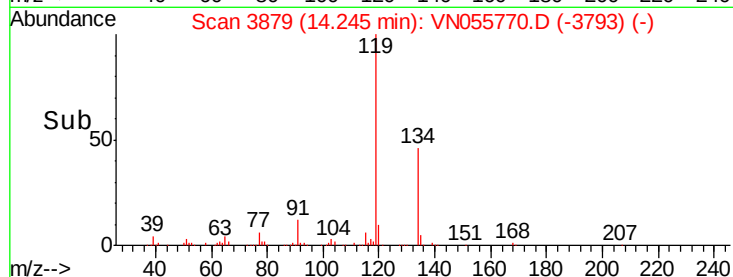
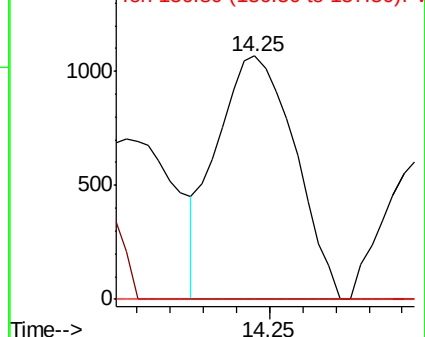
157 0.0 64.8 194.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 3.709 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN055770.D

Acq: 23 May 2019 22:12

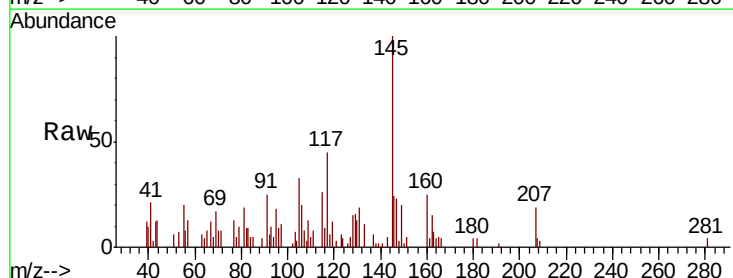
Tgt Ion:180 Resp: 341

Ion Ratio Lower Upper

180 100

182 153.7 48.3 144.9#

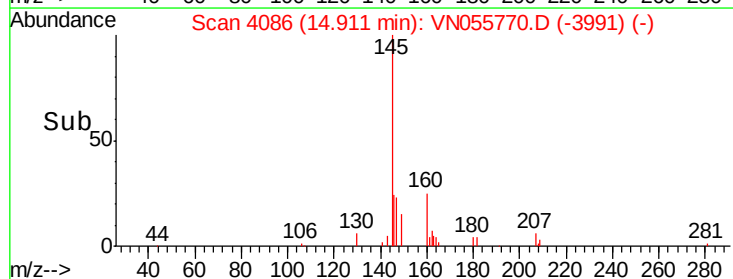
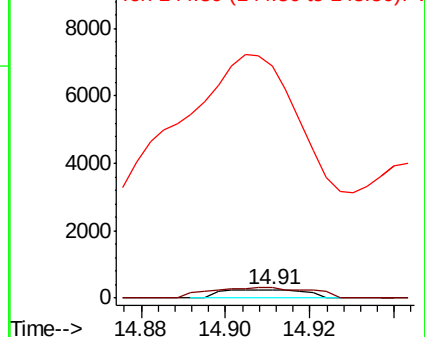
145 4539.9 14.0 41.9#

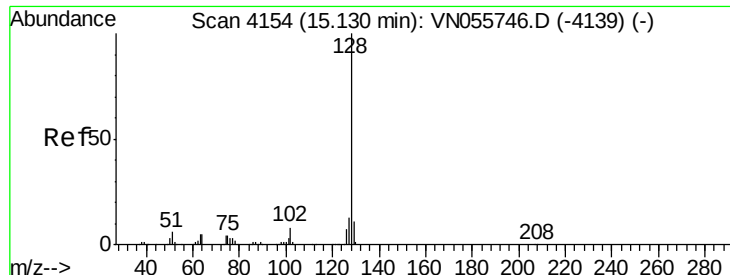


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 2.823 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055770.D

Acq: 23 May 2019 22:12

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E-6R(17-20)

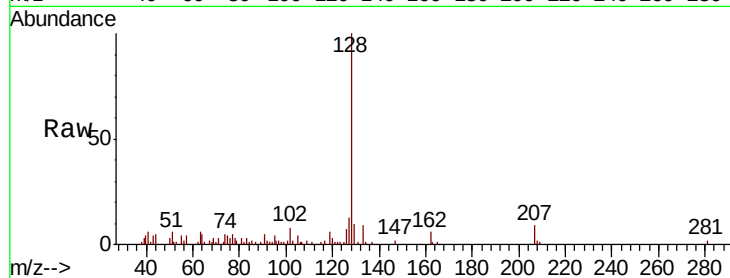
Tot Ion:128 Resp: 29518

Ion Ratio Lower Upper

128 100

127 13.8 10.3 15.5

129 9.7 8.7 13.1



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

