

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062419\
 Data File : VN056459.D
 Acq On : 24 Jun 2019 16:33
 Operator : JC/SP
 Sample : K3499-07DL 100X
 Misc : 5.00µg/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-6(17-18)DL

Quant Time: Jun 25 01:22:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	377866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	635832	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	633902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	259982	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	206043	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	
35) Dibromofluoromethane	7.59	113	180582	45.53	ug/l	0.00
Spiked Amount			Recovery	=	91.06%	
50) Toluene-d8	10.09	98	799236	51.78	ug/l	0.00
Spiked Amount			Recovery	=	103.56%	
62) 4-Bromofluorobenzene	12.40	95	287661	55.91	ug/l	0.00
Spiked Amount			Recovery	=	111.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.54	94	539	0.219	ug/l #	80
11) Tert butyl alcohol	4.74	59	11622	16.477	ug/l #	74
13) Acrolein	3.79	56	6013	10.115	ug/l #	82
14) Allyl chloride	4.58	41	192643	34.669	ug/l #	63
15) Acrylonitrile	5.05	53	10220	5.237	ug/l #	29
16) Acetone	3.79	43	19670	9.375	ug/l #	50
18) Methyl Acetate	4.59	43	540379	132.934	ug/l #	51
20) Methylene Chloride	4.56	84	157	Below Cal	#	1
25) 2-Butanone	6.82	43	2227	0.802	ug/l #	49
30) Chloroform	7.32	83	9636	1.458	ug/l #	17
31) Cyclohexane	7.64	56	198872	30.752	ug/l #	67
36) 1,1-Dichloropropene	7.66	75	25212	4.505	ug/l #	52
38) Carbon Tetrachloride	7.67	117	31752	6.488	ug/l #	14
39) Methylcyclohexane	9.08	83	290122	42.013	ug/l	99
41) Methacrylonitrile	7.22	41	3450	1.421	ug/l #	23
43) Isopropyl Acetate	8.15	43	48672	5.739	ug/l #	54
45) 1,2-Dichloropropane	9.08	63	2832	0.615	ug/l #	1
47) Bromodichloromethane	9.38	83	10306	2.017	ug/l #	24
48) Methyl methacrylate	9.14	41	38795	9.129	ug/l #	39
51) 4-Methyl-2-Pentanone	10.02	43	13669	2.497	ug/l	89
52) Toluene	10.16	92	5824	0.553	ug/l	96
53) t-1,3-Dichloropropene	10.10	75	32	2.896	ug/l #	1
55) 1,1,2-Trichloroethane	10.53	97	44372	10.489	ug/l #	22
56) Ethyl methacrylate	10.43	69	4593	0.743	ug/l #	1
59) 2-Hexanone	10.72	43	41603	10.341	ug/l #	29
60) Dibromochloromethane	10.72	129	78	2.399	ug/l #	10
67) Ethyl Benzene	11.51	91	317382	14.191	ug/l	100
68) m/p-Xylenes	11.62	106	462450	56.422	ug/l	100
69) o-Xylene	11.95	106	76701	9.459	ug/l	98
70) Styrene	11.95	104	4449	0.343	ug/l #	1
71) Bromoform	12.40	173	2151	3.723	ug/l #	1
73) Isopropylbenzene	12.25	105	115764	3.425	ug/l	99
74) N-amyl acetate	12.04	43	19651	2.375	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.49	83	494	Below Cal	#	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062419\
 Data File : VN056459.D
 Acq On : 24 Jun 2019 16:33
 Operator : JC/SP
 Sample : K3499-07DL 100X
 Misc : 5.00g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-6(17-18)DL

Quant Time: Jun 25 01:22:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

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

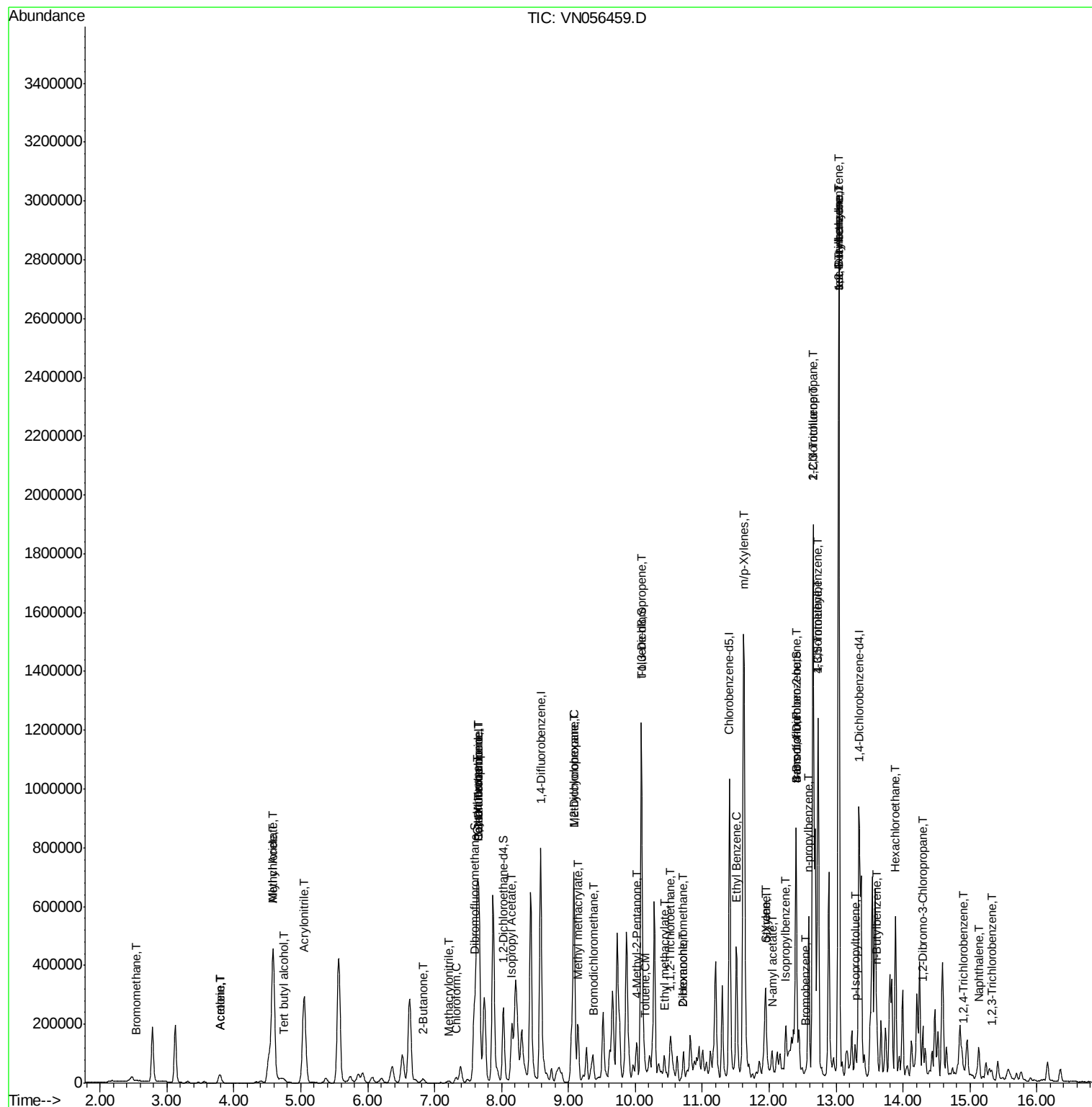
76) 1,2,3-Trichloropropane	12.65	75	10039	1.862	ug/l #	100
77) Bromobenzene	12.53	156	3116	0.536	ug/l #	1
78) n-propylbenzene	12.59	91	445090	18.695	ug/l	100
79) 2-Chlorotoluene	12.65	91	140047	8.635	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.73	105	538710	32.117	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	134407	88.615	ug/l #	8
82) 4-Chlorotoluene	12.73	91	53654	3.817	ug/l #	40
83) tert-Butylbenzene	13.04	119	218492	13.299	ug/l #	73
84) 1,2,4-Trimethylbenzene	13.04	105	1743816	99.636	ug/l	100
85) sec-Butylbenzene	13.04	105	1743816	83.333	ug/l #	56
86) p-Isopropyltoluene	13.29	119	26649	1.484	ug/l	99
89) n-Butylbenzene	13.61	91	71667	5.271	ug/l #	71
90) Hexachloroethane	13.89	117	26513	9.469	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.29	75	537	0.558	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	3087	6.216	ug/l #	54
94) Hexachlorobutadiene	15.01	225	924	Below Cal		85
95) Naphthalene	15.13	128	84334	11.590	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	3536	5.164	ug/l #	83

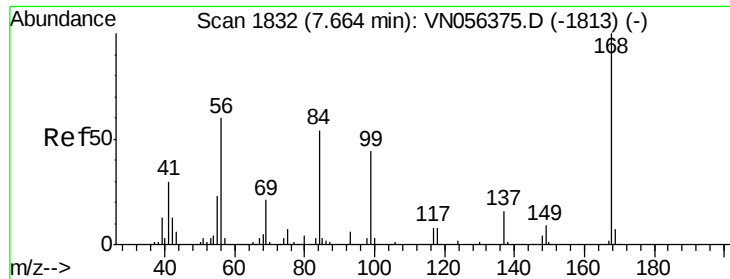
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062419\
Data File : VN056459.D
Acq On : 24 Jun 2019 16:33
Operator : JC/SP
Sample : K3499-07DL 100X
Misc : 5.00µ/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
B-6(17-18)DL

Quant Time: Jun 25 01:22:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

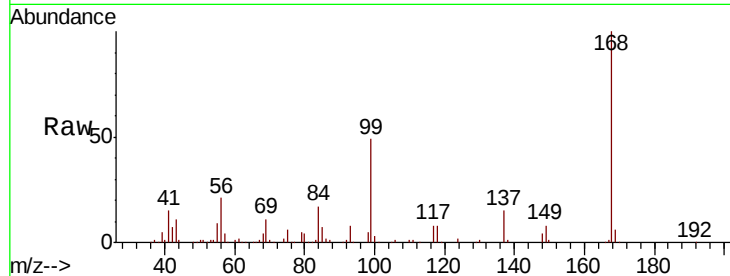
B-6(17-18)DL

Tot Ion:168 Resp: 377866

Ion Ratio Lower Upper

168 100

99 48.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN056375.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN056375.D (-1813) (-)

7.67

150000

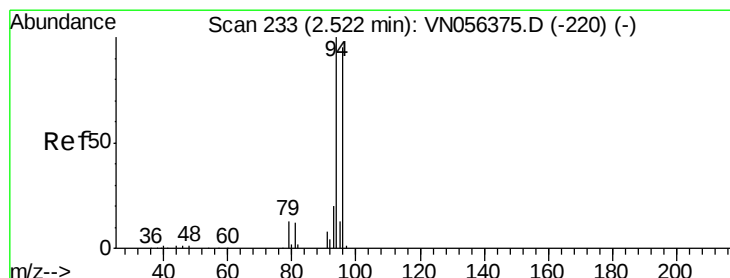
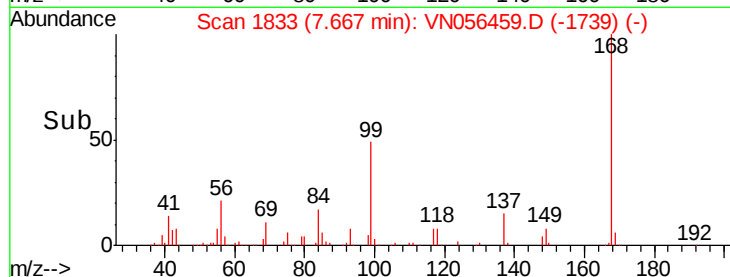
100000

50000

0

7.60 7.70 7.80

Time-->



#5

Bromomethane

Concen: 0.219 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.02 min

Lab File: VN056459.D

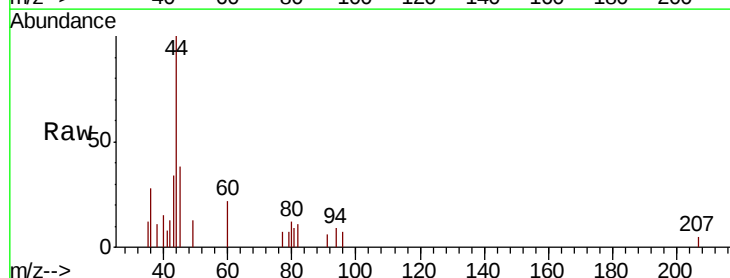
Acq: 24 Jun 2019 16:33

Tgt Ion: 94 Resp: 539

Ion Ratio Lower Upper

94 100

96 75.8 76.0 114.0#



Abundance Ion 93.90 (93.60 to 94.60): VN056375.D (-220) (-)

Ion 95.90 (95.60 to 96.60): VN056375.D (-220) (-)

2.54

300

250

200

150

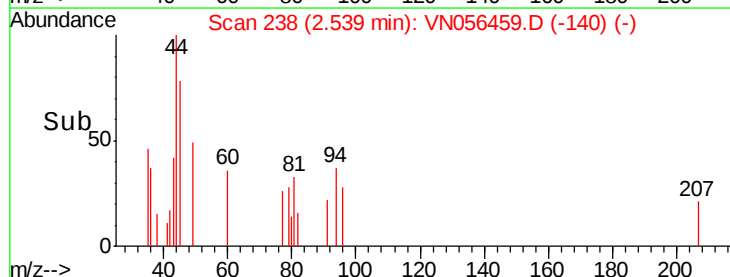
100

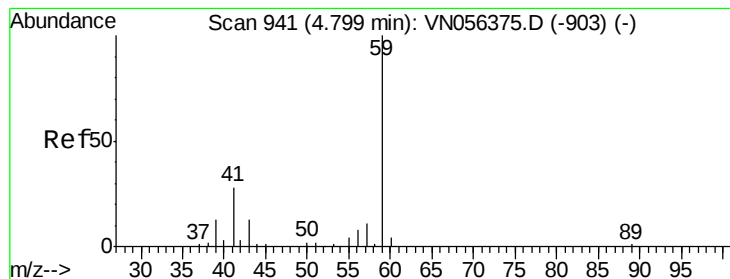
50

0

2.48 2.50 2.52 2.54 2.56

Time-->





#11

Tert butyl alcohol

Concen: 16.477 ug/l

RT: 4.74 min Scan# 924

Delta R.T. -0.05 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

Instrument :

MSVOA_N

ClientSampled :

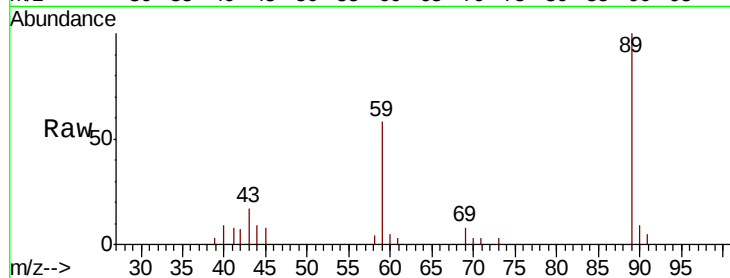
B-6(17-18)DL

Tot Ion: 59 Resp: 11622

Ion Ratio Lower Upper

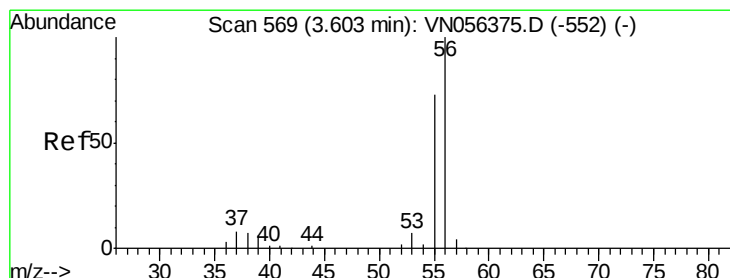
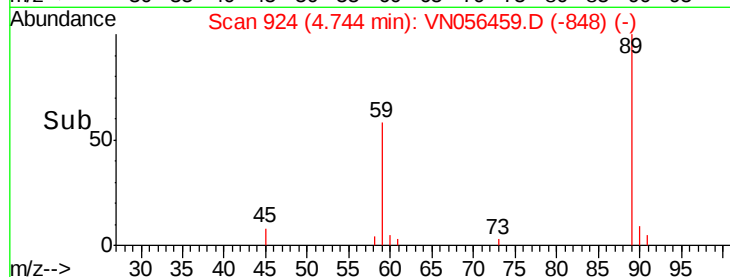
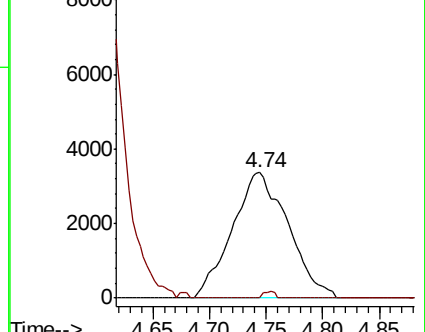
59 100

57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#13

Acrolein

Concen: 10.115 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.19 min

Lab File: VN056459.D

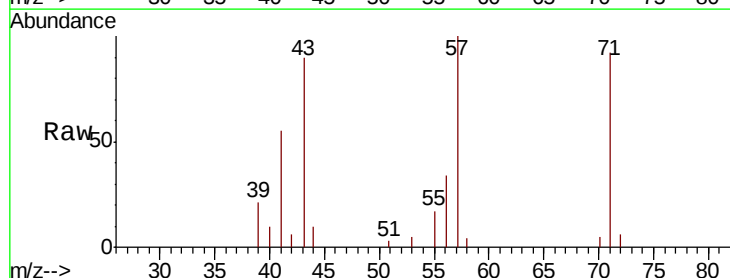
Acq: 24 Jun 2019 16:33

Tgt Ion: 56 Resp: 6013

Ion Ratio Lower Upper

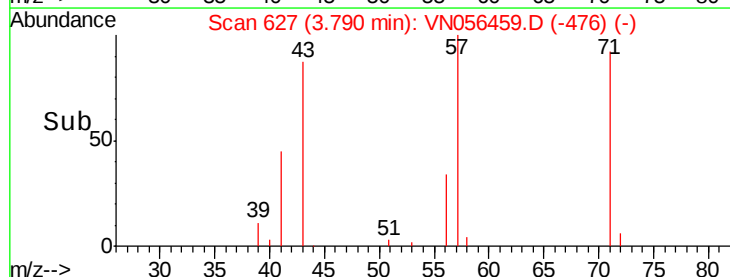
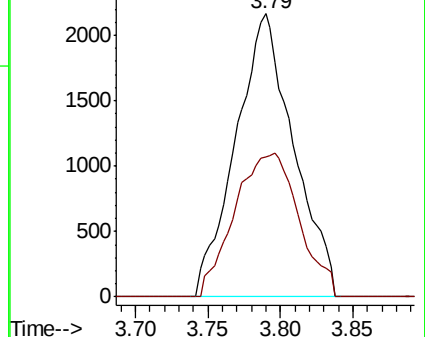
56 100

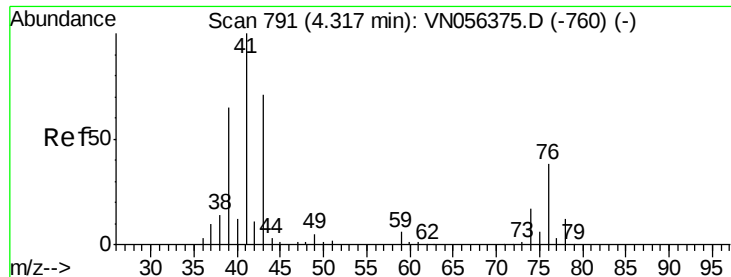
55 56.4 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#14

Allvl chloride

Concen: 34.669 ug/l

RT: 4.58 min Scan# 874

Delta R.T. 0.27 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

Instrument :

MSVOA_N

ClientSampled :

B-6(17-18)DL

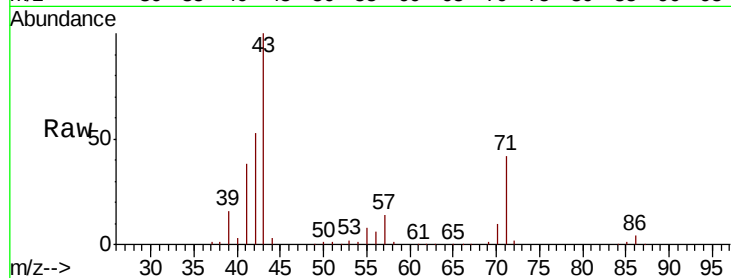
Tot Ion: 41 Resp: 192643

Ion Ratio Lower Upper

41 100

39 41.2 48.6 73.0#

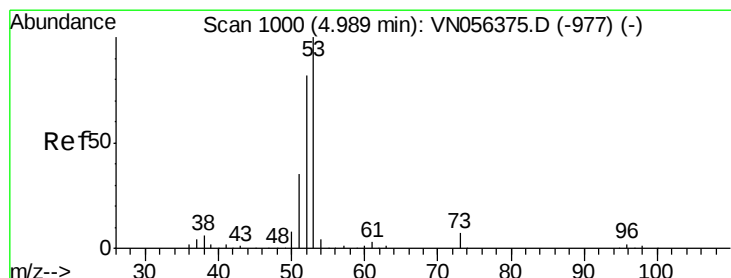
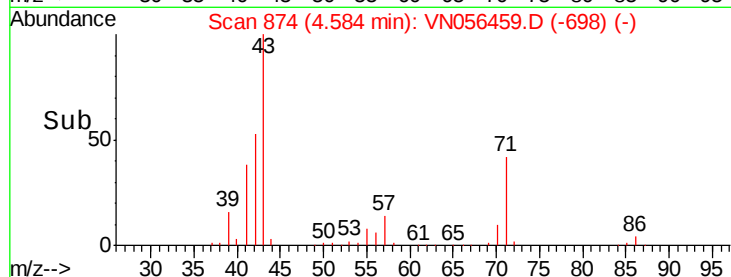
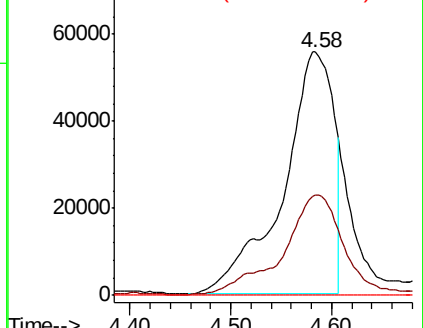
76 0.0 26.6 40.0#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



#15

Acrylonitrile

Concen: 5.237 ug/l

RT: 5.05 min Scan# 1019

Delta R.T. 0.06 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

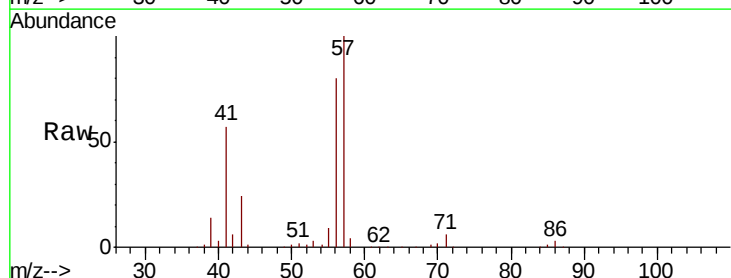
Tgt Ion: 53 Resp: 10220

Ion Ratio Lower Upper

53 100

52 6.3 65.9 98.9#

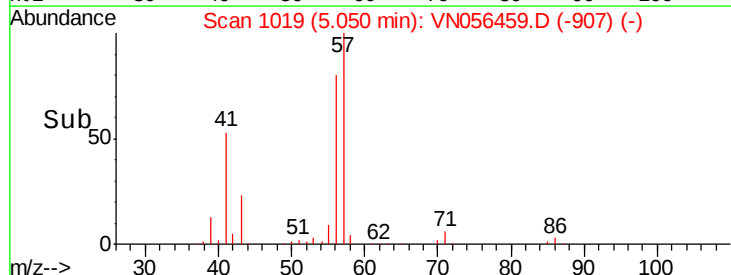
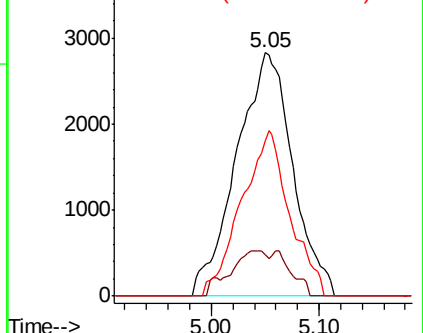
51 58.1 28.3 42.5#

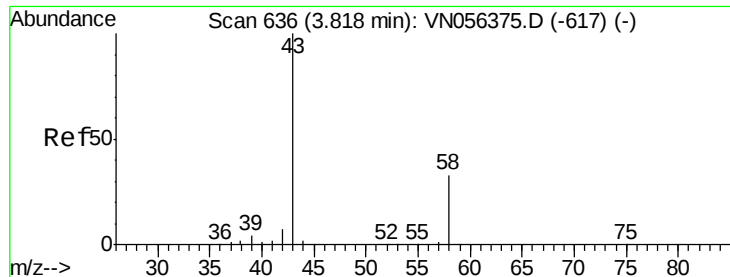


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#16

Acetone

Concen: 9.375 ug/l

RT: 3.79 min Scan# 626

Delta R.T. -0.03 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

Instrument :

MSVOA_N

ClientSampled :

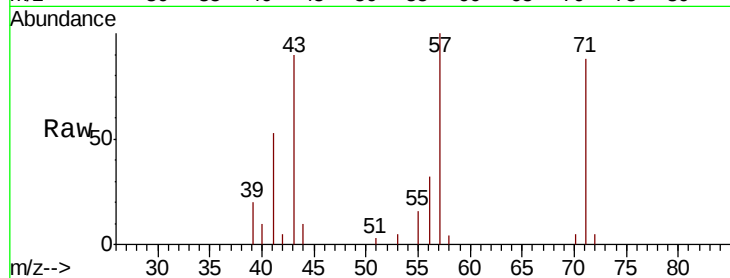
B-6(17-18)DL

Tot Ion: 43 Resp: 19670

Ion Ratio Lower Upper

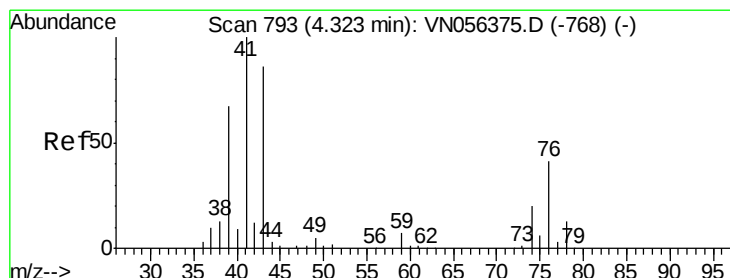
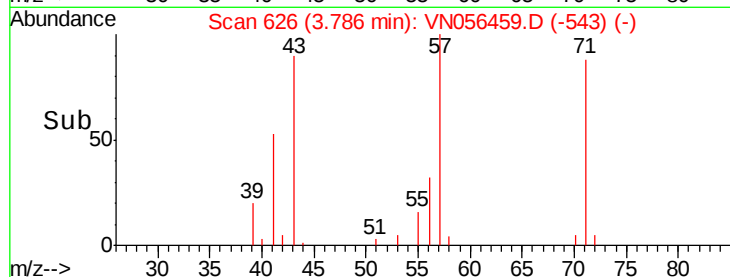
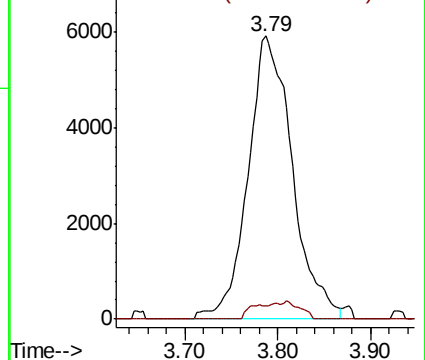
43 100

58 4.7 26.4 39.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 132.934 ug/l

RT: 4.59 min Scan# 875

Delta R.T. 0.26 min

Lab File: VN056459.D

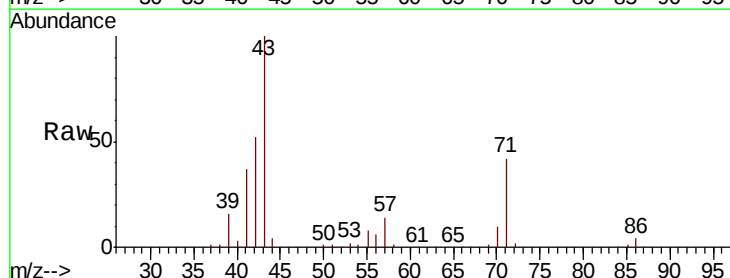
Acq: 24 Jun 2019 16:33

Tgt Ion: 43 Resp: 540379

Ion Ratio Lower Upper

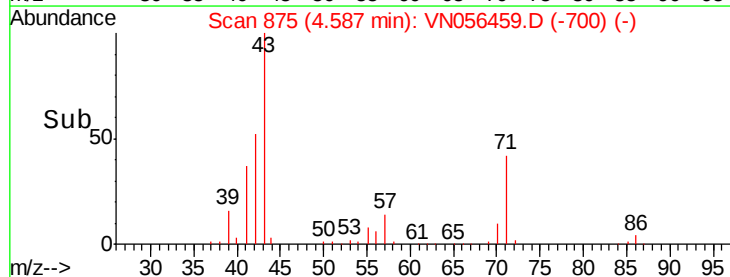
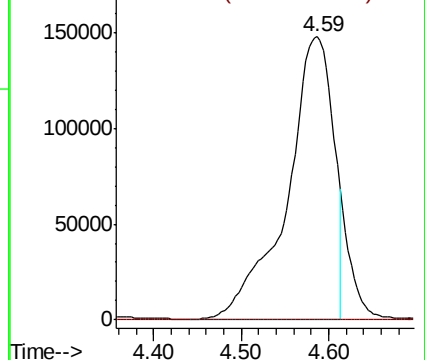
43 100

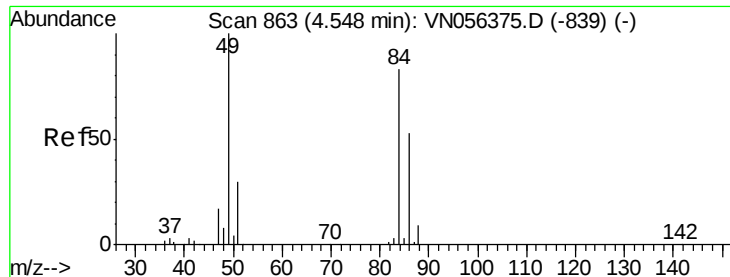
74 0.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

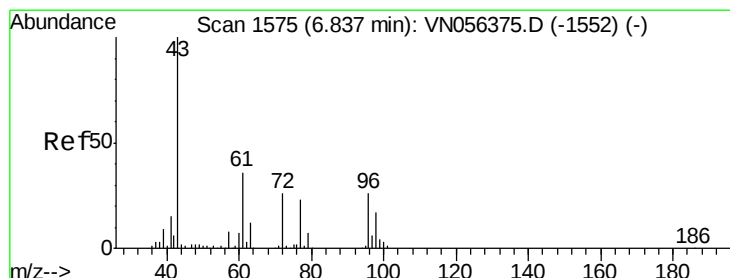
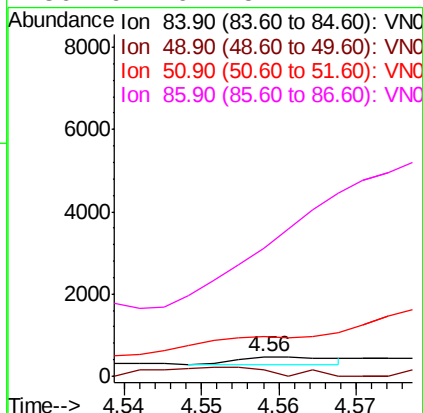
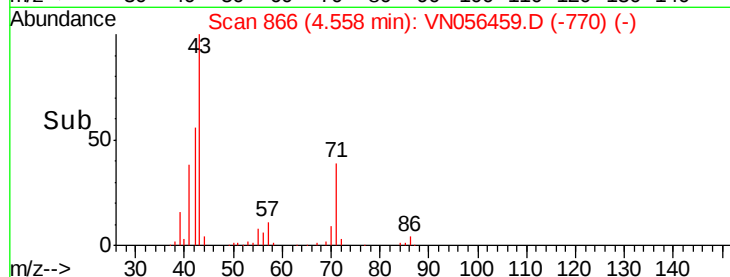
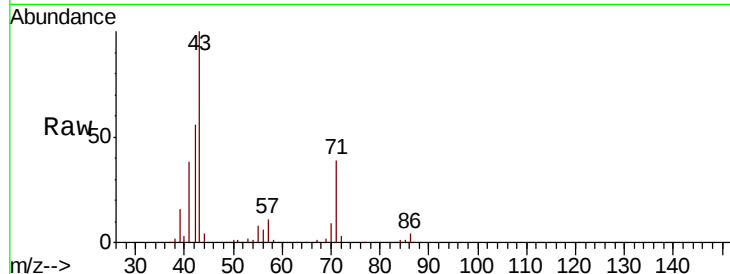




#20
Methylene Chloride
Concen: Below Cal
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN056459.D
Acq: 24 Jun 2019 16:33

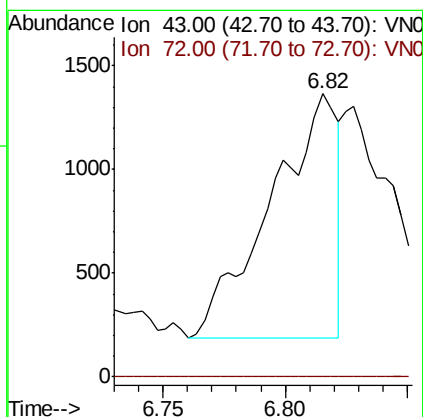
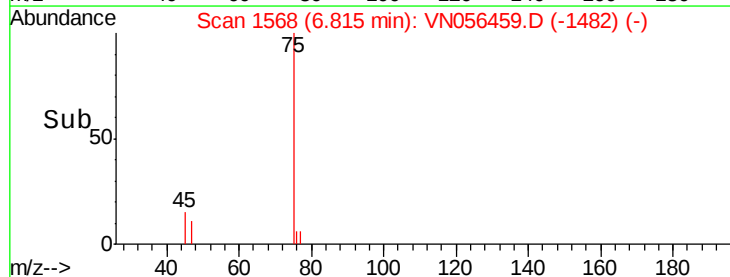
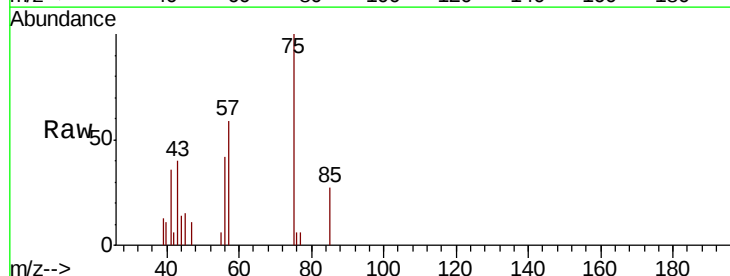
Instrument :
MSVOA_N
ClientSampleId :
B-6(17-18)DL

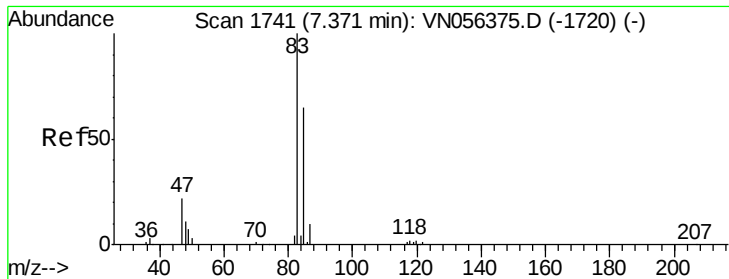
Tot Ion:	84	Resp:	157
Ion	Ratio	Lower	Upper
84	100		
49	84.7	96.4	144.6#
51	120.5	28.6	43.0#
86	612.6	51.4	77.2#



#25
2-Butanone
Concen: 0.802 ug/l
RT: 6.82 min Scan# 1568
Delta R.T. -0.02 min
Lab File: VN056459.D
Acq: 24 Jun 2019 16:33

Tgt Ion:	43	Resp:	2227
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.6	31.0#





#30

Chloroform

Concen: 1.458 ug/l

RT: 7.32 min Scan# 1726

Delta R.T. -0.05 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

Instrument :

MSVOA_N

ClientSampled :

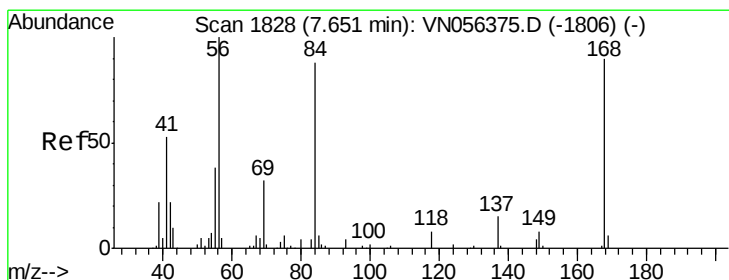
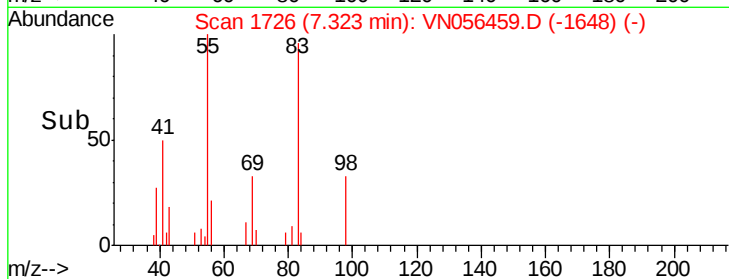
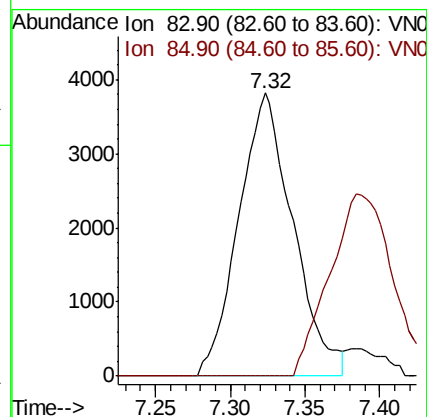
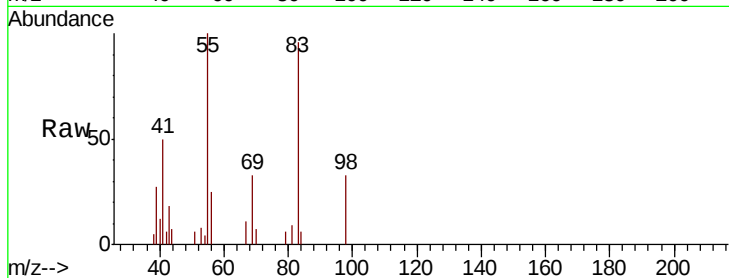
B-6(17-18)DL

Tot Ion: 83 Resp: 9636

Ion Ratio Lower Upper

83 100

85 0.0 52.3 78.5#



#31

Cyclohexane

Concen: 30.752 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

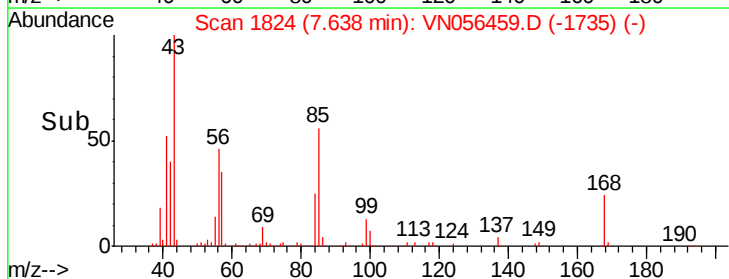
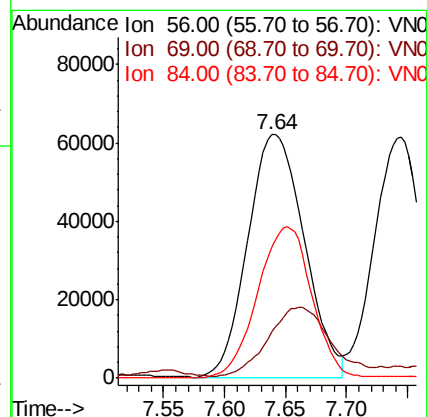
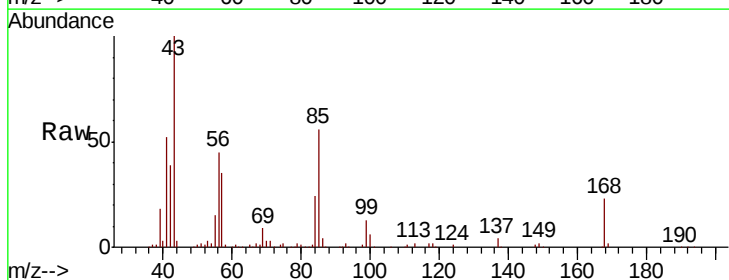
Tgt Ion: 56 Resp: 198872

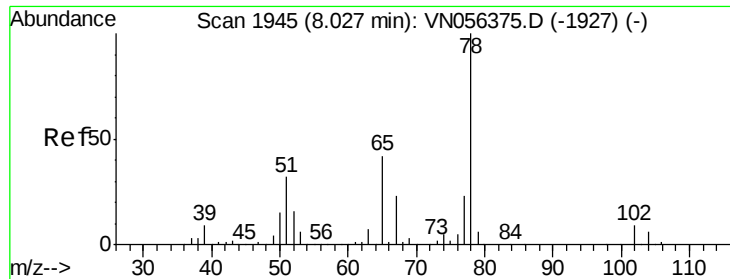
Ion Ratio Lower Upper

56 100

69 17.5 25.8 38.6#

84 54.2 69.4 104.0#

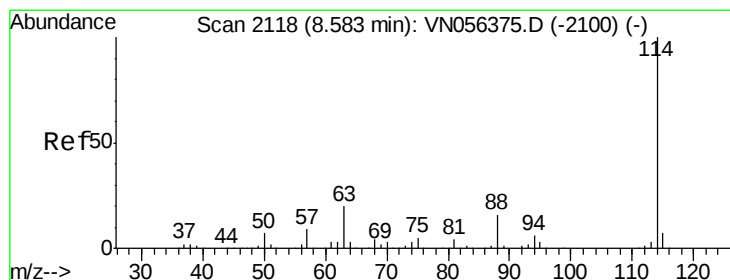
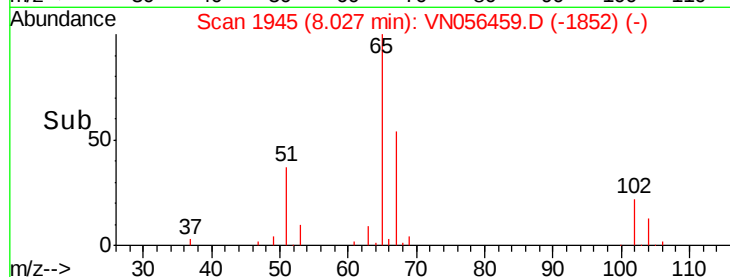
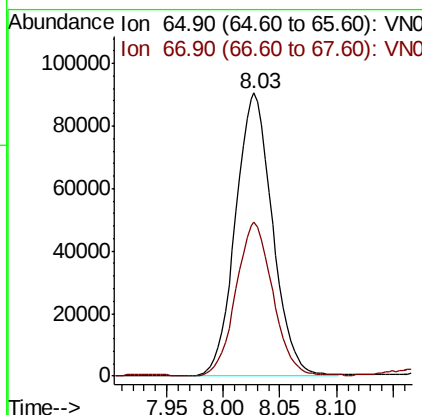
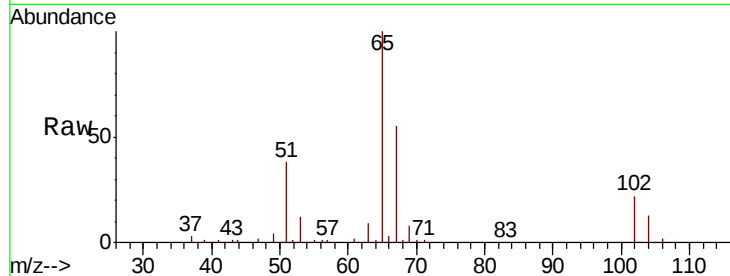




#33
 1,2-Dichloroethane-d4
 Concen: 49.199 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056459.D
 Acq: 24 Jun 2019 16:33

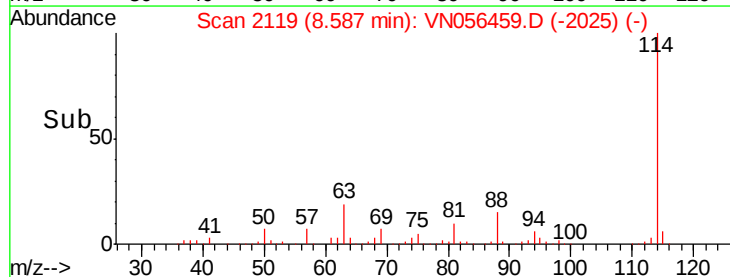
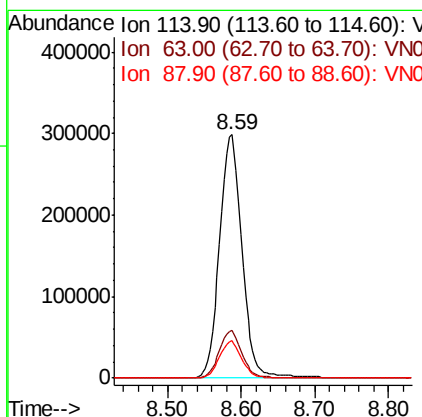
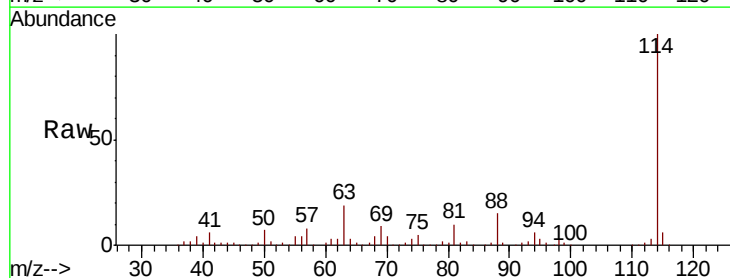
Instrument :
 MSVOA_N
 ClientSampled :
 B-6(17-18)DL

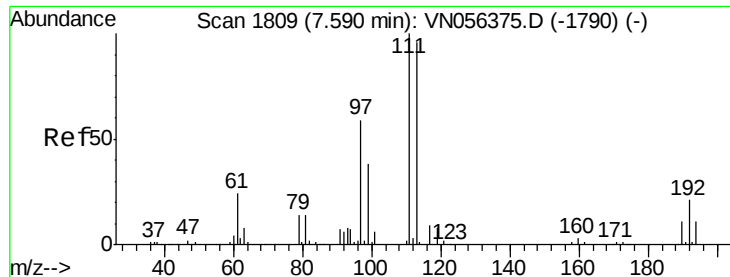
Tot Ion: 65 Resp: 206043
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056459.D
 Acq: 24 Jun 2019 16:33

Tgt Ion: 114 Resp: 635832
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 15.3 0.0 31.4

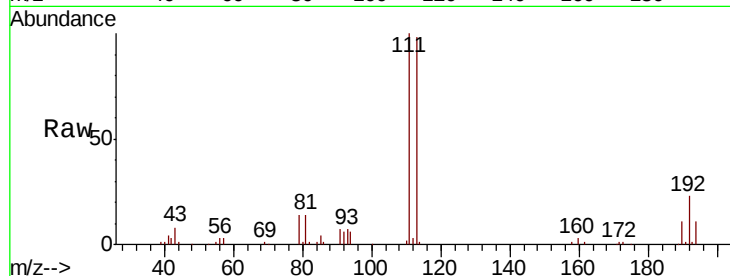




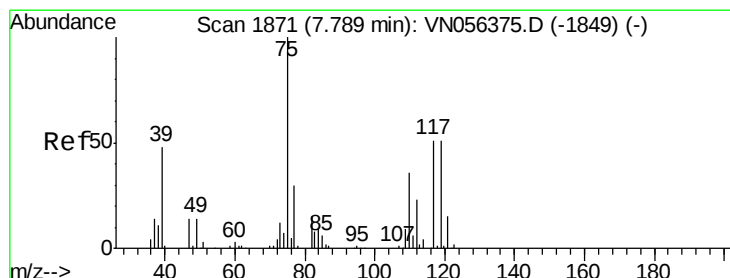
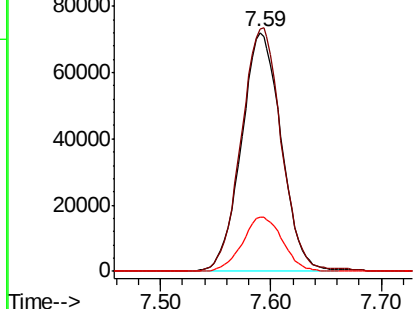
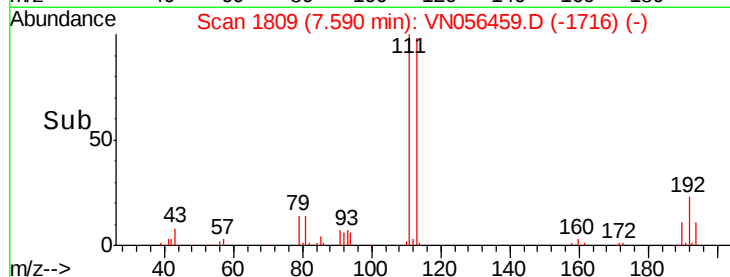
#35
 Dibromofluoromethane
 Concen: 45.526 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056459.D
 Acq: 24 Jun 2019 16:33

Instrument :
 MSVOA_N
 ClientSampleId :
 B-6(17-18)DL

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.9	124.3
192	22.9	17.7	26.5

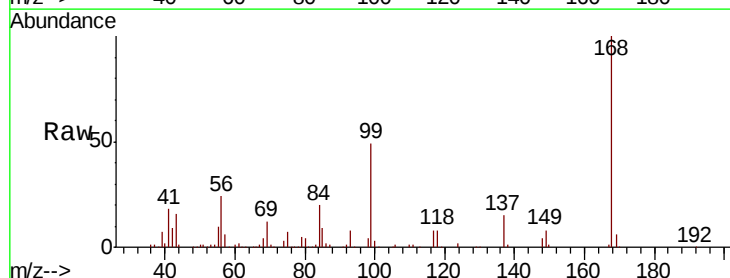


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

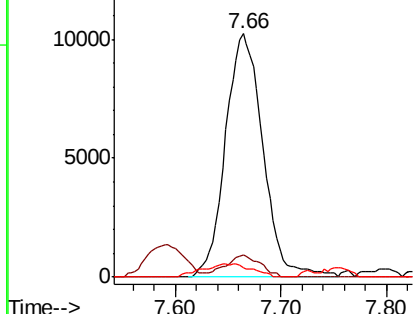
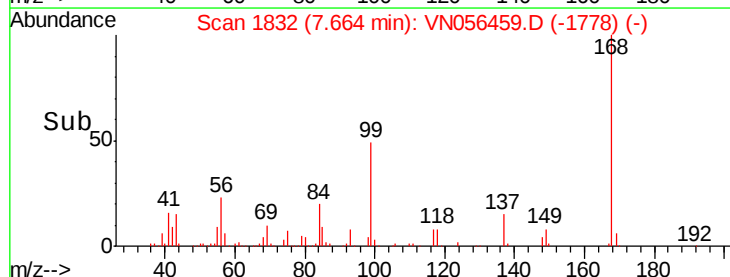


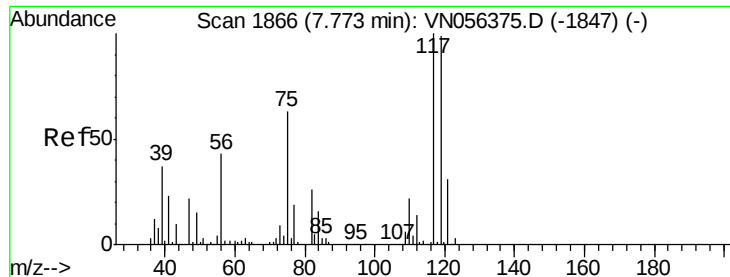
#36
 1,1-Dichloropropene
 Concen: 4.505 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056459.D
 Acq: 24 Jun 2019 16:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.1	54.3#
77	4.0	24.6	36.8#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.488 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

B-6(17-18)DL

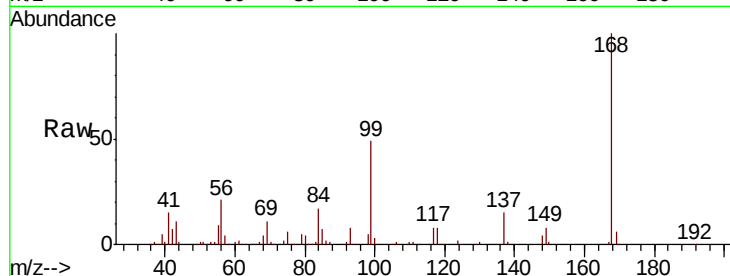
Tot Ion:117 Resp: 31752

Ion Ratio Lower Upper

117 100

119 3.7 79.1 118.7#

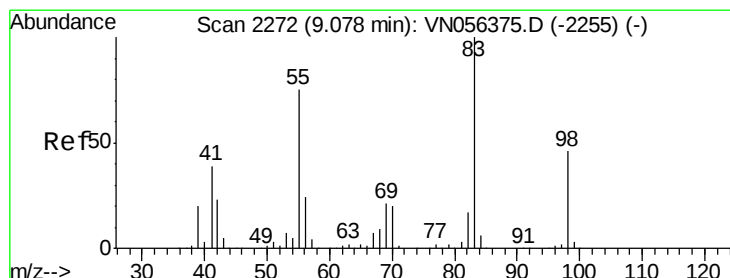
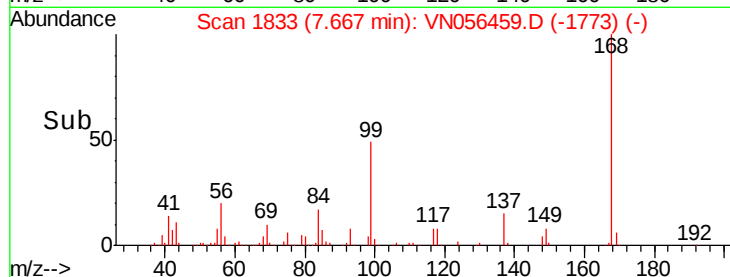
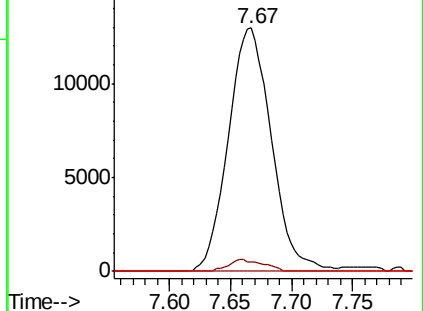
121 0.0 24.8 37.2#



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: 42.013 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

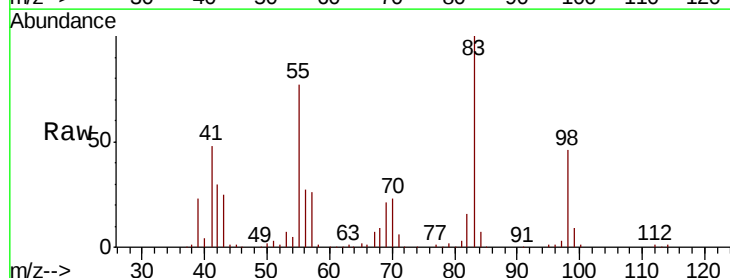
Tgt Ion: 83 Resp: 290122

Ion Ratio Lower Upper

83 100

55 76.8 60.0 90.0

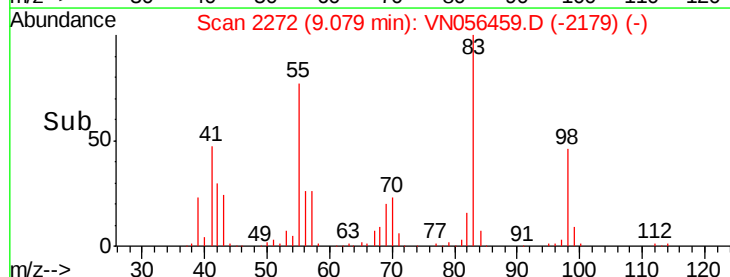
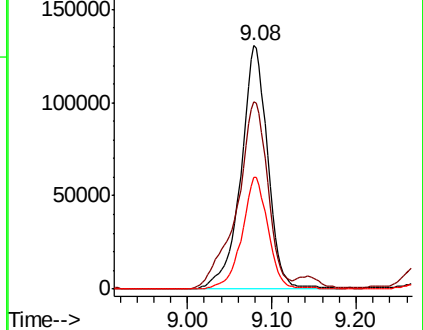
98 45.8 36.6 54.8

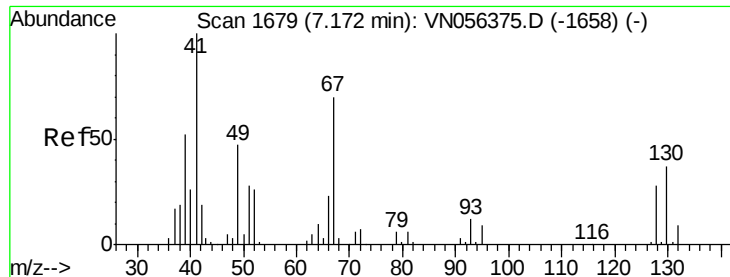


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V

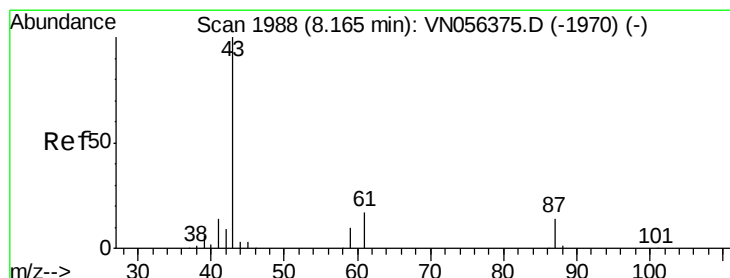
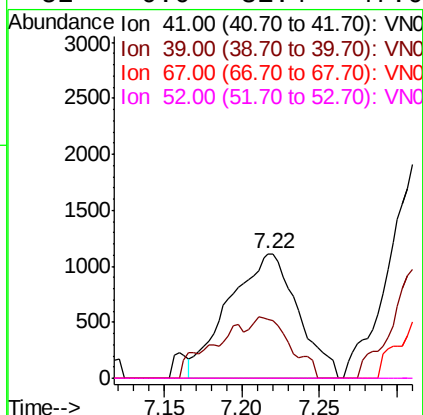
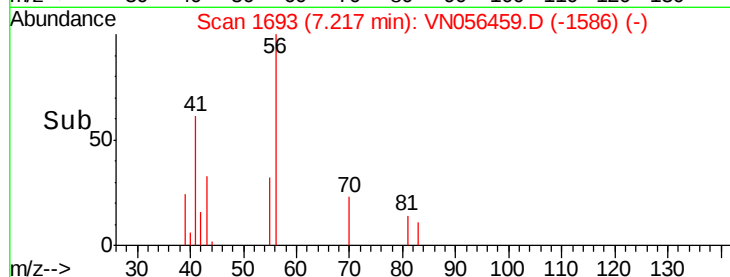
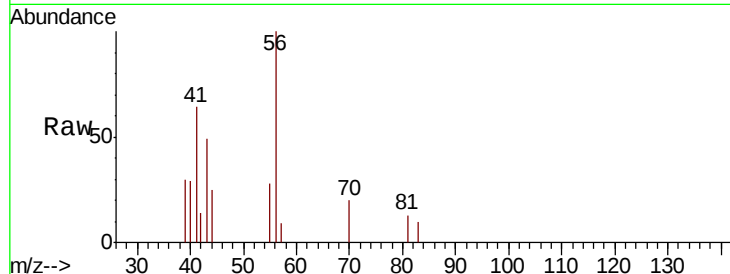




#41
Methacrylonitrile
Concen: 1.421 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.05 min
Lab File: VN056459.D
Acq: 24 Jun 2019 16:33

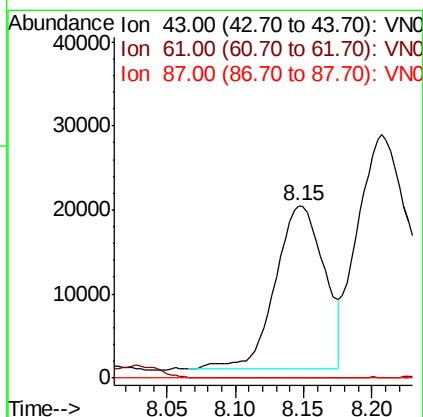
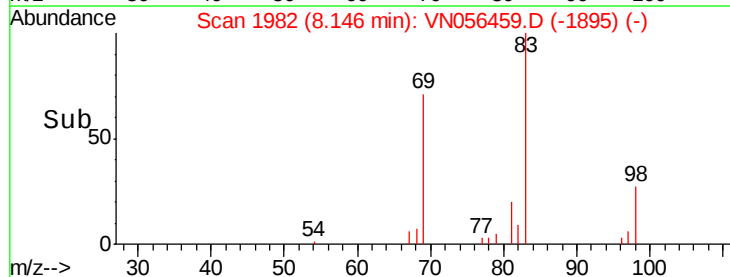
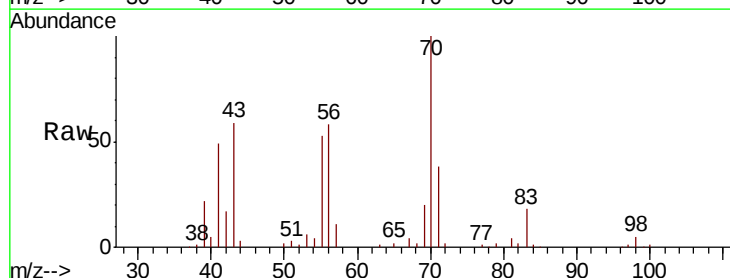
Instrument :
MSVOA_N
ClientSampleId :
B-6(17-18)DL

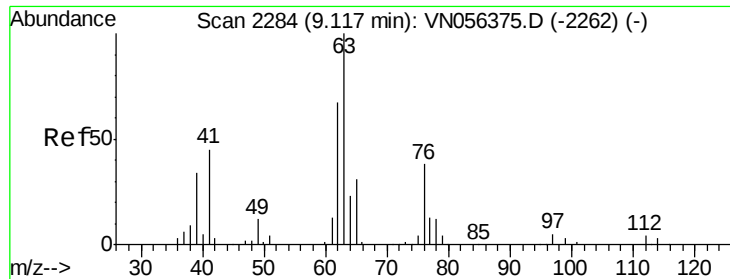
Tot Ion: 41 Resp: 3450
Ion Ratio Lower Upper
41 100
39 26.6 55.3 82.9#
67 0.0 79.2 118.8#
52 0.0 31.4 47.0#



#43
Isopropyl Acetate
Concen: 5.739 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. -0.02 min
Lab File: VN056459.D
Acq: 24 Jun 2019 16:33

Tgt Ion: 43 Resp: 48672
Ion Ratio Lower Upper
43 100
61 0.0 22.0 33.0#
87 0.0 11.0 16.4#





#45

1,2-Dichloropropane

Concen: 0.615 ug/l

RT: 9.08 min Scan# 2271

Delta R.T. -0.04 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

Instrument :

MSVOA_N

ClientSampled :

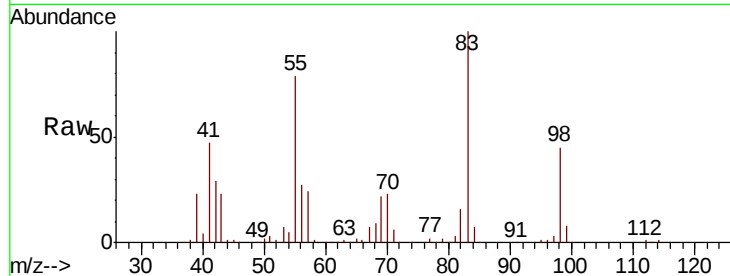
B-6(17-18)DL

Tot Ion: 63 Resp: 2832

Ion Ratio Lower Upper

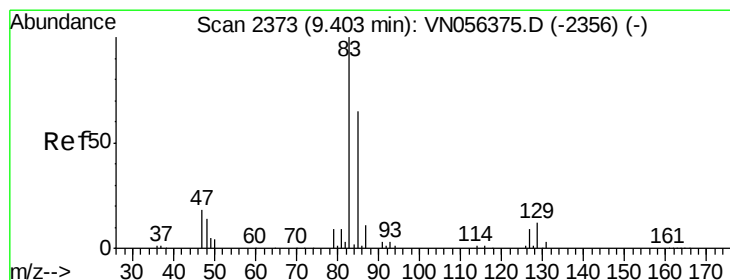
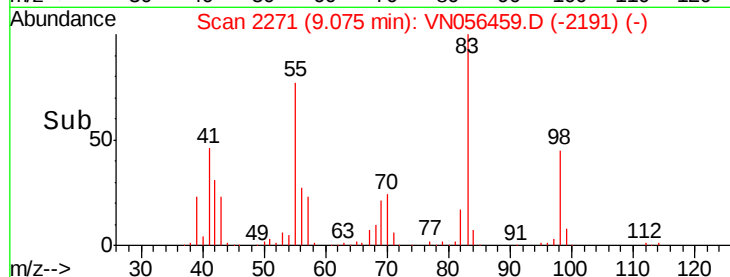
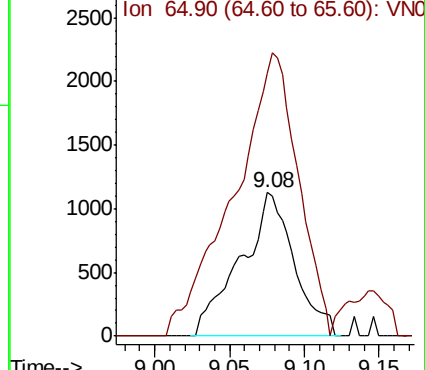
63 100

65 165.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#47

Bromodichloromethane

Concen: 2.017 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.02 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

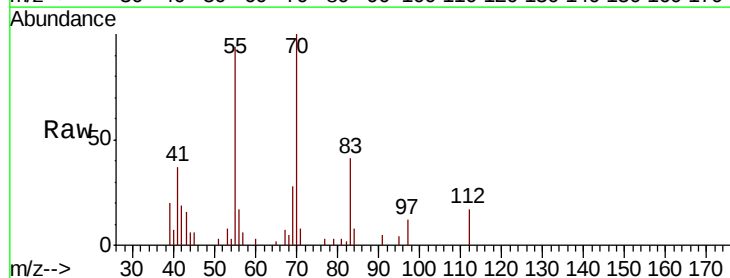
Tgt Ion: 83 Resp: 10306

Ion Ratio Lower Upper

83 100

85 0.0 52.2 78.4#

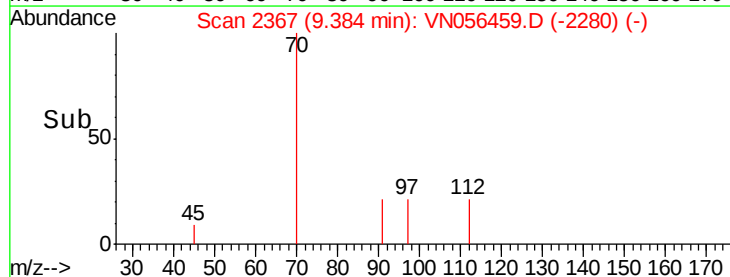
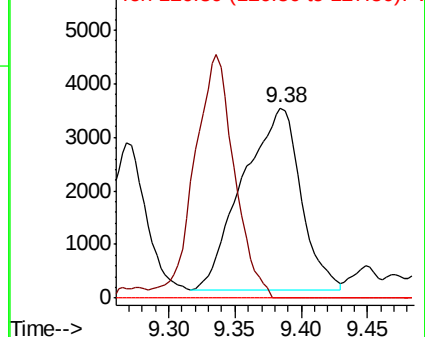
127 0.0 7.3 10.9#

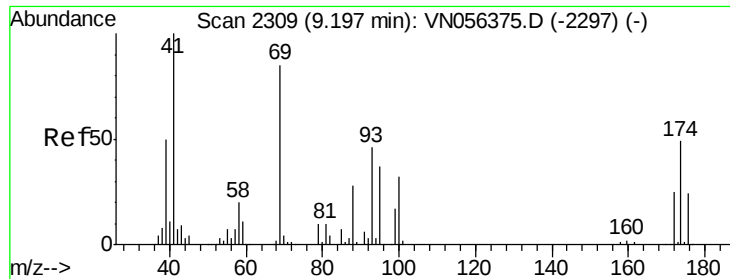


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

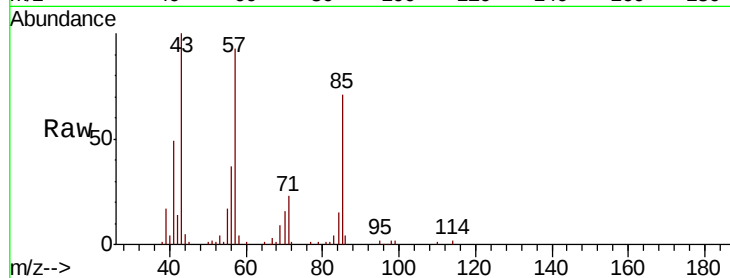




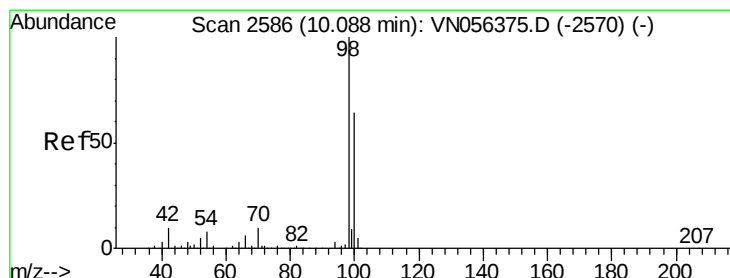
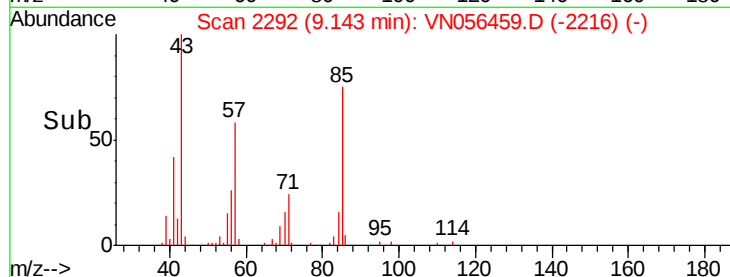
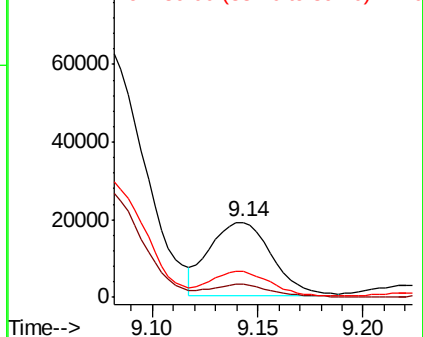
#48
Methyl methacrylate
Concen: 9.129 ug/l
RT: 9.14 min Scan# 2292
Delta R.T. -0.05 min
Lab File: VN056459.D
Acq: 24 Jun 2019 16:33

Instrument :
MSVOA_N
ClientSampled :
B-6(17-18)DL

Tot Ion: 41 Resp: 38795
Ion Ratio Lower Upper
41 100
69 14.5 72.6 109.0#
39 33.5 42.6 63.8#

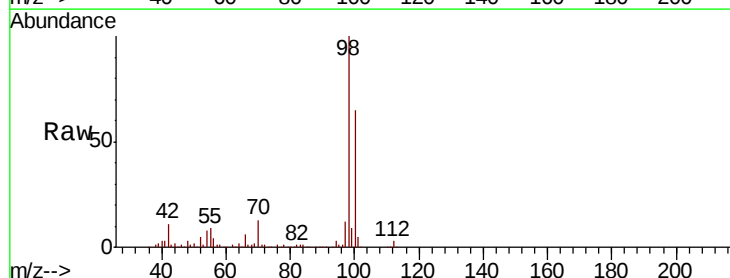


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

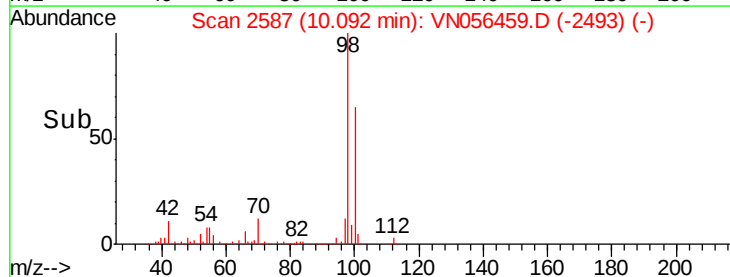
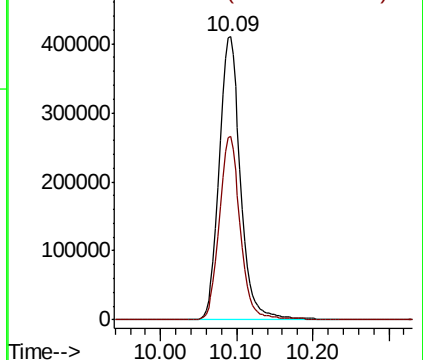


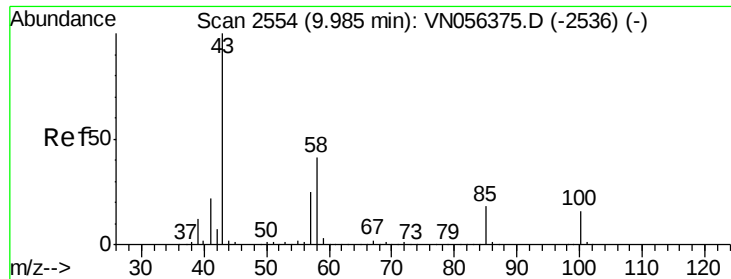
#50
Toluene-d8
Concen: 51.784 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056459.D
Acq: 24 Jun 2019 16:33

Tgt Ion: 98 Resp: 799236
Ion Ratio Lower Upper
98 100
100 63.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

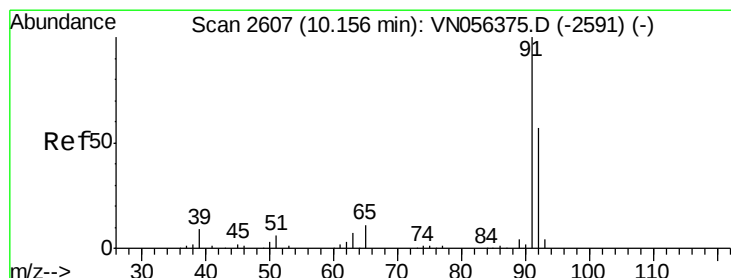
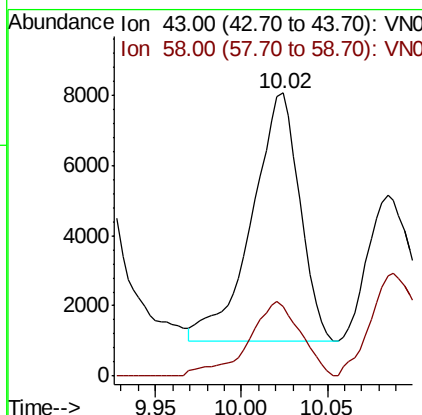
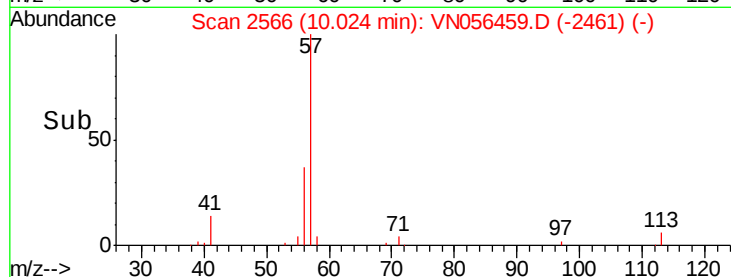
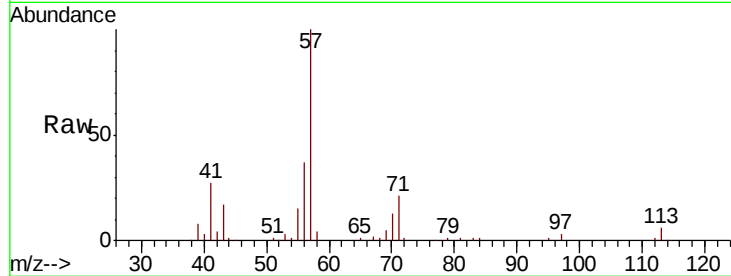




#51
4-Methyl-2-Pentanone
Concen: 2.497 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN056459.D
Acq: 24 Jun 2019 16:33

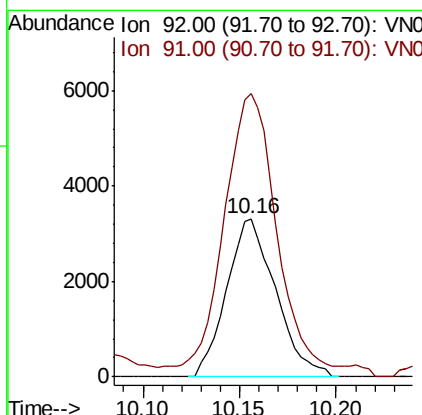
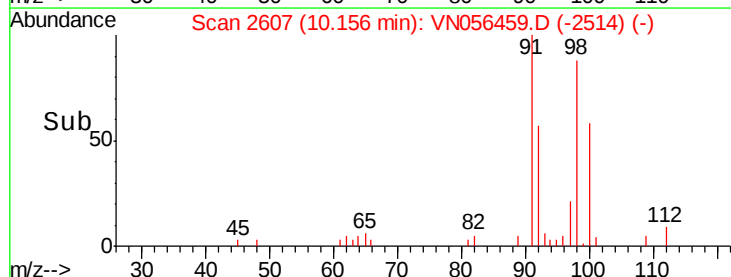
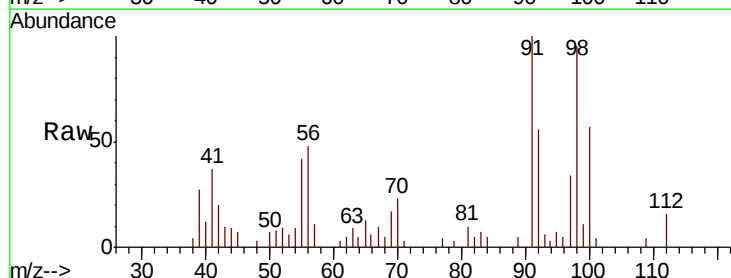
Instrument :
MSVOA_N
ClientSampled :
B-6(17-18)DL

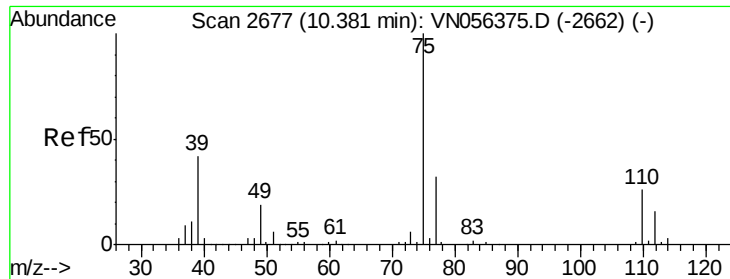
Tot Ion: 43 Resp: 13669
Ion Ratio Lower Upper
43 100
58 32.9 31.8 47.8



#52
Toluene
Concen: 0.553 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN056459.D
Acq: 24 Jun 2019 16:33

Tgt Ion: 92 Resp: 5824
Ion Ratio Lower Upper
92 100
91 181.4 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 2.896 ug/l

RT: 10.10 min Scan# 2589

Delta R.T. -0.28 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

Instrument :

MSVOA_N

ClientSampled :

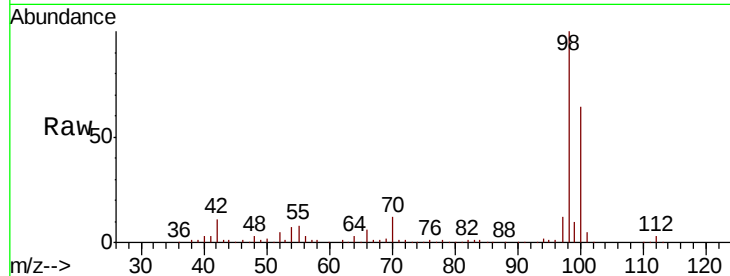
B-6(17-18)DL

Tot Ion: 75 Resp: 32

Ion Ratio Lower Upper

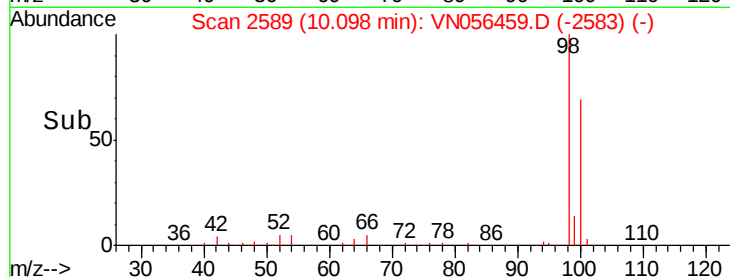
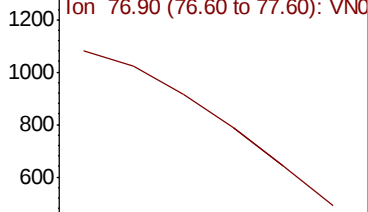
75 100

77 164.8 25.4 38.2#

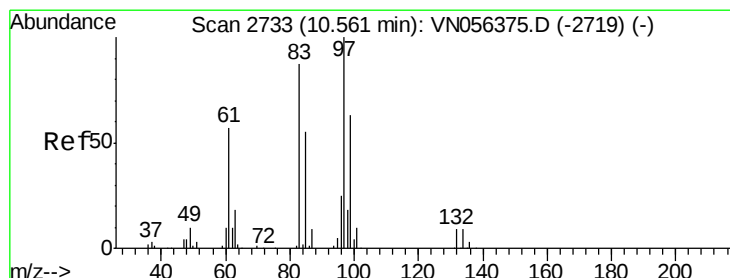


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



Time--> 10.09 10.10 10.11



#55

1,1,2-Trichloroethane

Concen: 10.489 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

Tgt Ion: 97 Resp: 44372

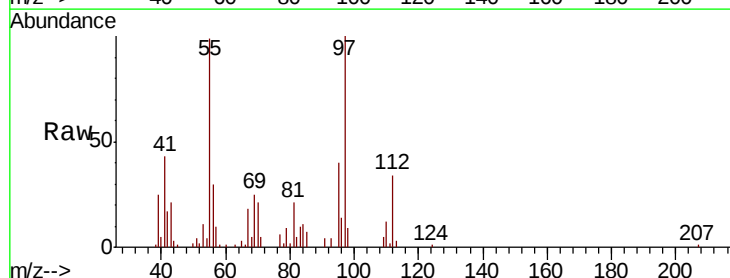
Ion Ratio Lower Upper

97 100

83 8.9 69.8 104.6#

85 7.3 43.8 65.8#

99 0.0 50.2 75.2#

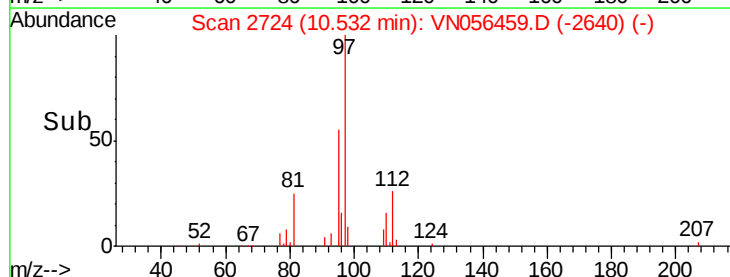
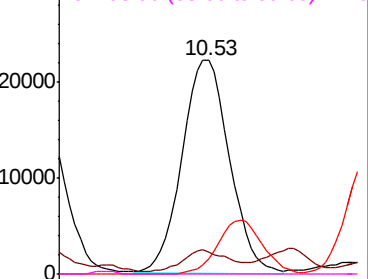


Abundance Ion 96.90 (96.60 to 97.60): VN0

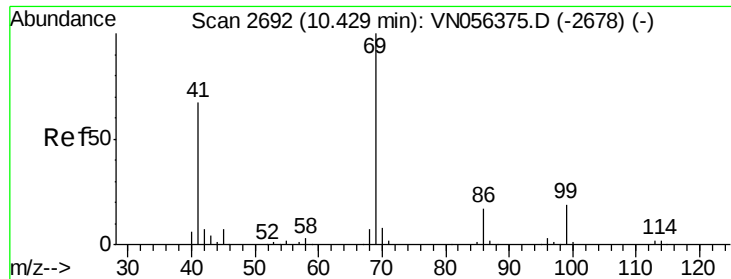
Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



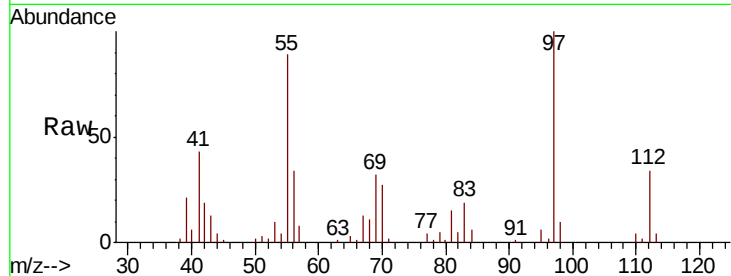
Time--> 10.45 10.50 10.55 10.60



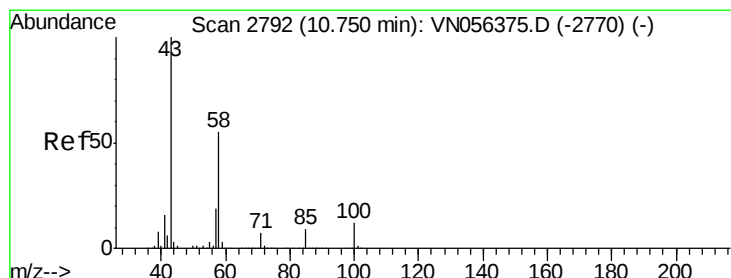
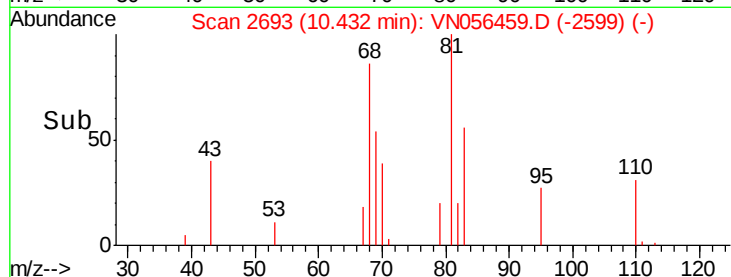
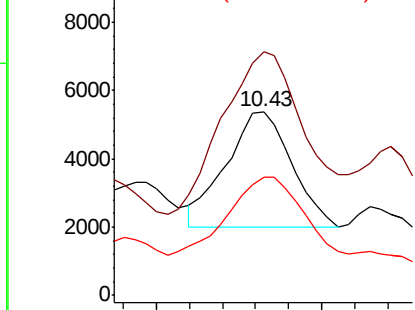
#56
Ethyl methacrylate
Concen: 0.743 ug/l
RT: 10.43 min Scan# 2693
Delta R.T. 0.00 min
Lab File: VN056459.D
Acq: 24 Jun 2019 16:33

Instrument :
MSVOA_N
ClientSampled :
B-6(17-18)DL

Tot Ion: 69 Resp: 4593
Ion Ratio Lower Upper
69 100
41 178.7 51.4 77.2#
39 74.1 24.7 37.1#

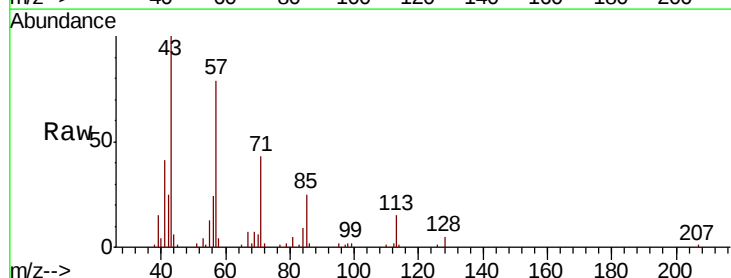


Abundance Ion 69.00 (68.70 to 69.70): VN0
Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

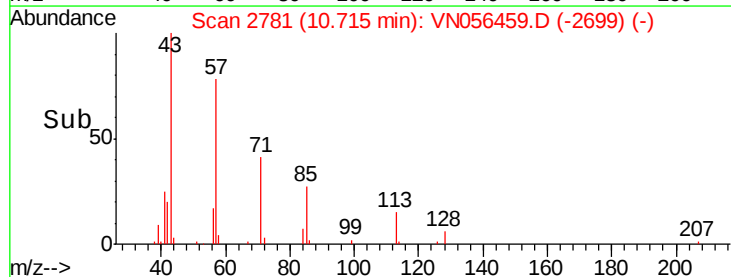
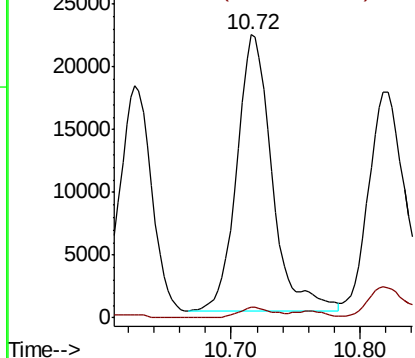


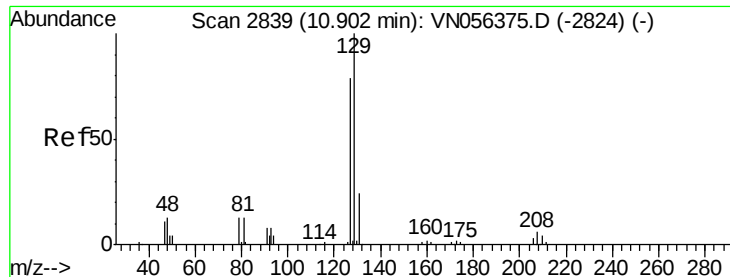
#59
2-Hexanone
Concen: 10.341 ug/l
RT: 10.72 min Scan# 2781
Delta R.T. -0.04 min
Lab File: VN056459.D
Acq: 24 Jun 2019 16:33

Tgt Ion: 43 Resp: 41603
Ion Ratio Lower Upper
43 100
58 3.8 27.8 83.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0





#60

Dibromochloromethane

Concen: 2.399 ug/l

RT: 10.72 min Scan# 2782

Delta R.T. -0.18 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

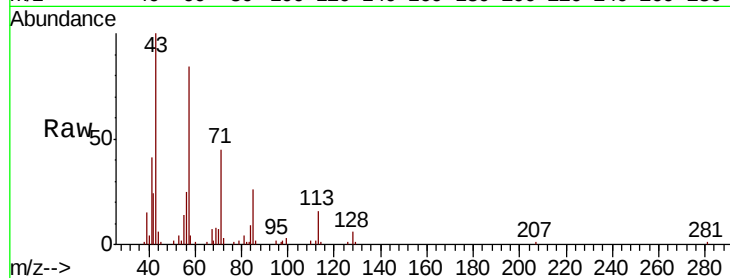
B-6(17-18)DL

Tot Ion:129 Resp: 78

Ion Ratio Lower Upper

129 100

127 0.0 38.9 116.7#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.72

200

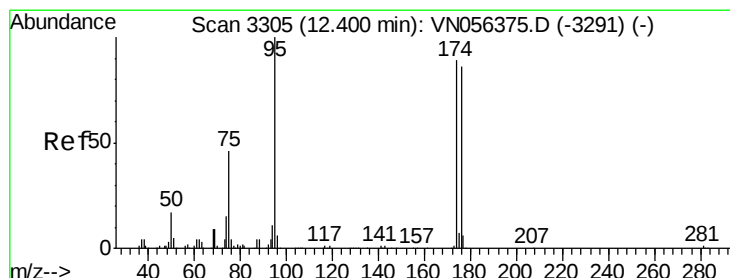
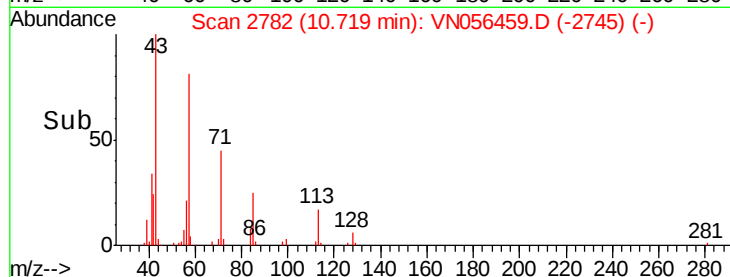
150

100

50

0

Time-->



#62

4-Bromofluorobenzene

Concen: 55.910 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

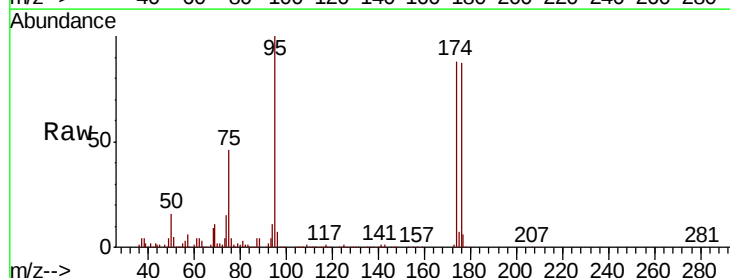
Tgt Ion: 95 Resp: 287661

Ion Ratio Lower Upper

95 100

174 91.1 0.0 179.4

176 88.9 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

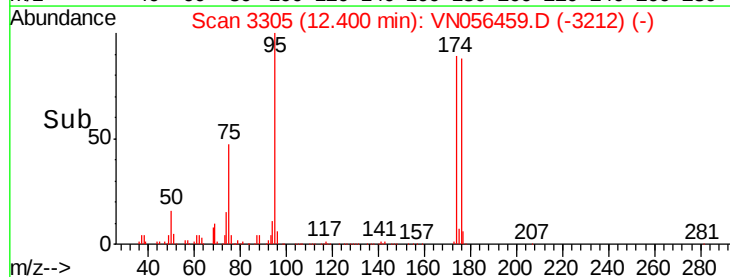
150000

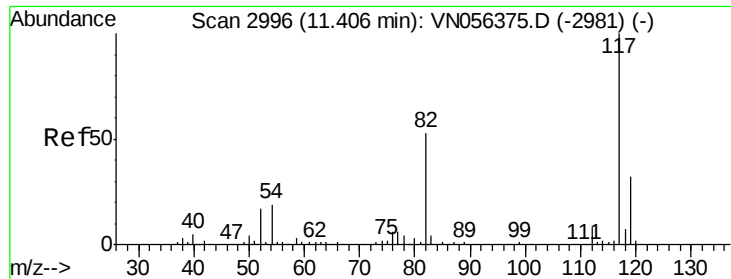
100000

50000

0

Time-->

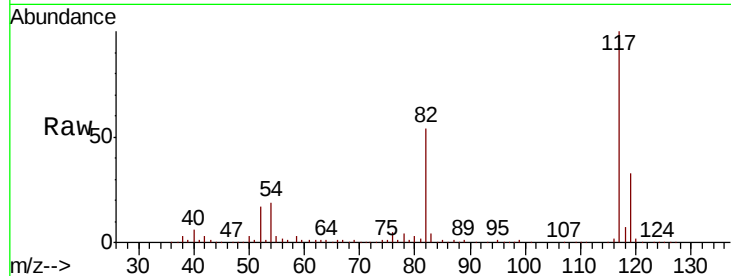




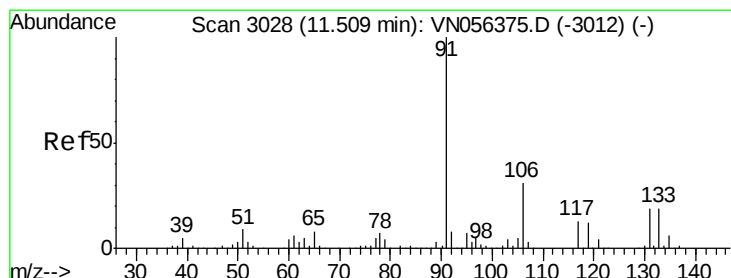
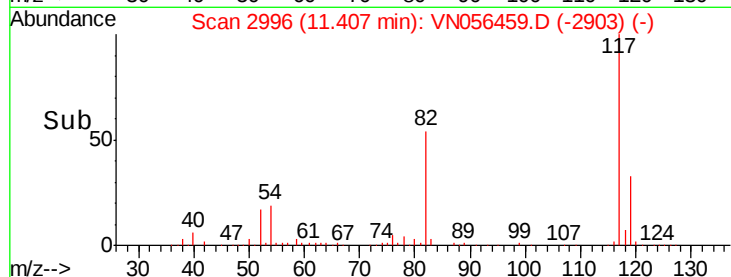
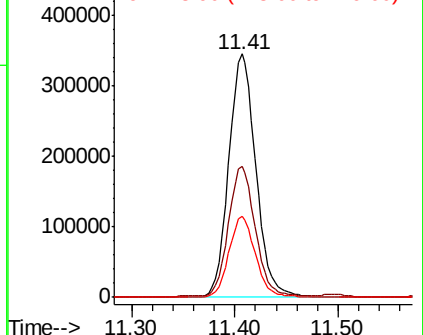
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056459.D
Acq: 24 Jun 2019 16:33

Instrument :
MSVOA_N
ClientSampled :
B-6(17-18)DL

Tot Ion:117 Resp: 633902
Ion Ratio Lower Upper
117 100
82 53.4 42.0 63.0
119 33.3 25.3 37.9

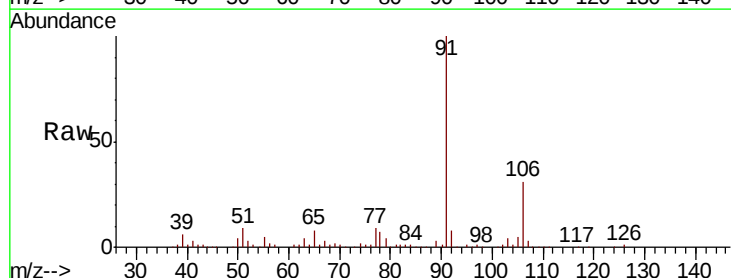


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

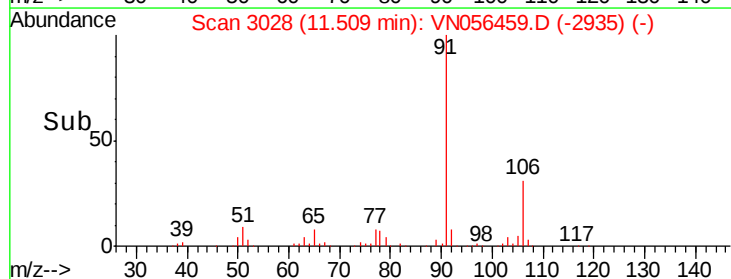
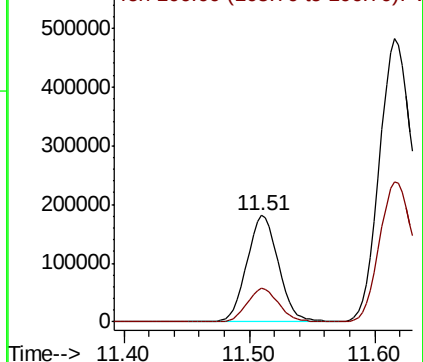


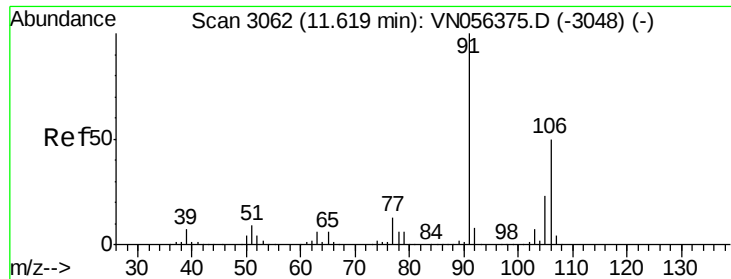
#67
Ethyl Benzene
Concen: 14.191 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056459.D
Acq: 24 Jun 2019 16:33

Tgt Ion: 91 Resp: 317382
Ion Ratio Lower Upper
91 100
106 31.3 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 106.00 (105.70 to 106.70): V

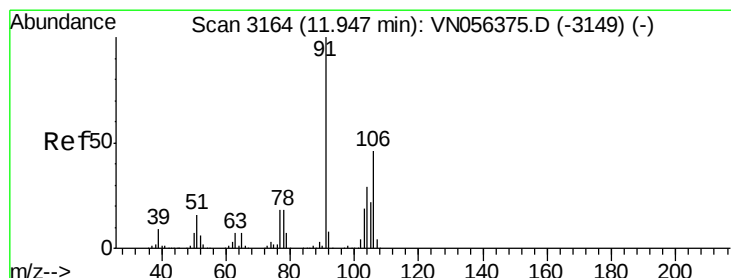
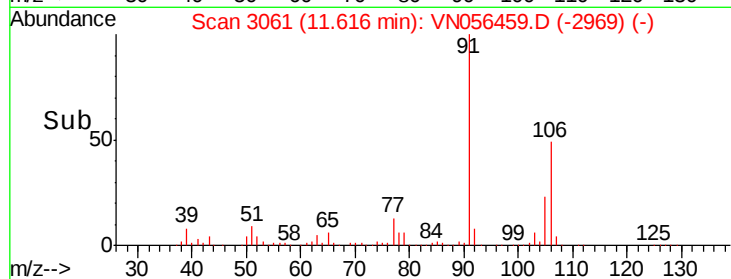
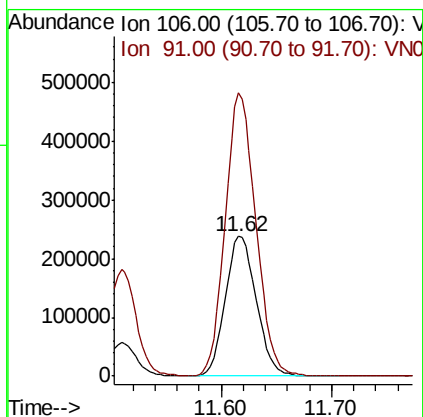
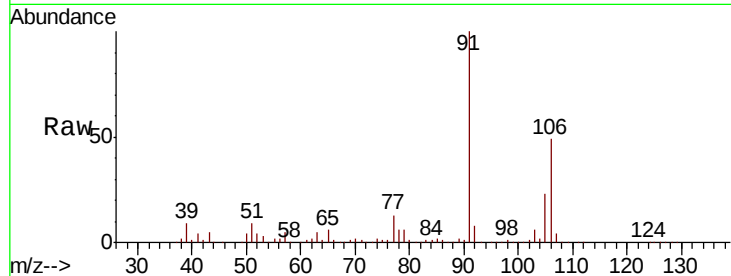




#68
m/p-Xylenes
Concen: 56.422 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN056459.D
Acq: 24 Jun 2019 16:33

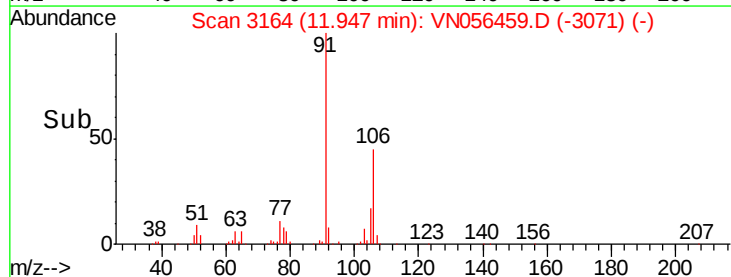
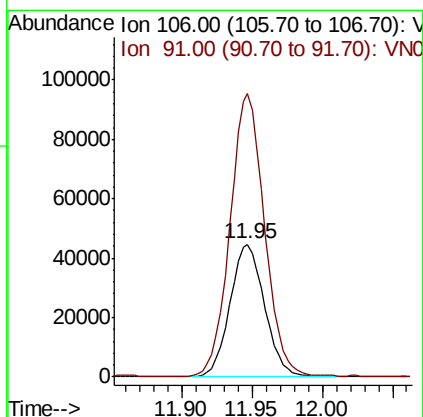
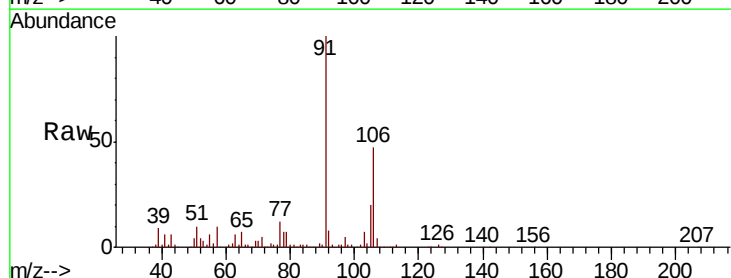
Instrument :
MSVOA_N
ClientSampled :
B-6(17-18)DL

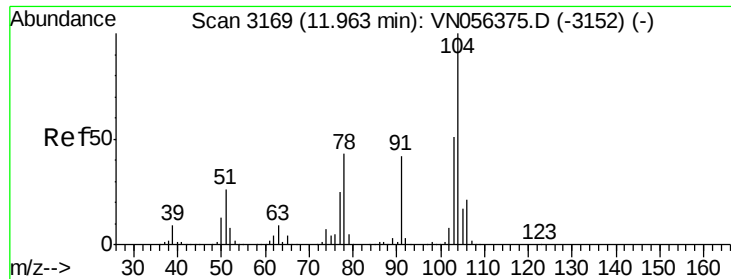
Tot Ion:106 Resp: 462450
Ion Ratio Lower Upper
106 100
91 200.2 160.1 240.1



#69
o-Xylene
Concen: 9.459 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056459.D
Acq: 24 Jun 2019 16:33

Tgt Ion:106 Resp: 76701
Ion Ratio Lower Upper
106 100
91 210.9 107.1 321.3





#70

Stvrene

Concen: 0.343 ug/l

RT: 11.95 min Scan# 3166

Delta R.T. -0.01 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

B-6(17-18)DL

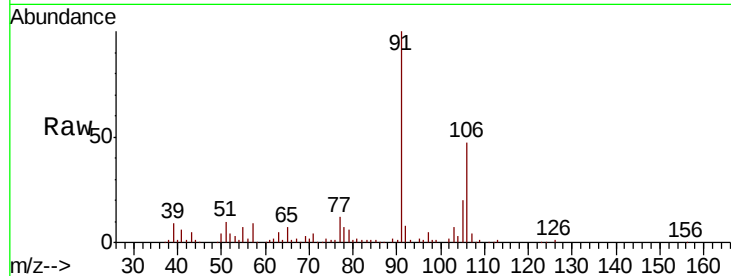
Tot Ion:104 Resp: 4449

Ion Ratio Lower Upper

104 100

78 255.1 38.6 57.8#

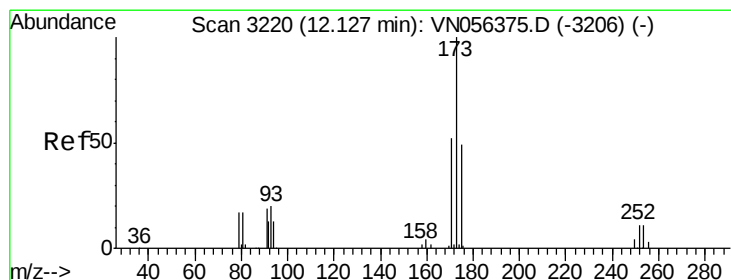
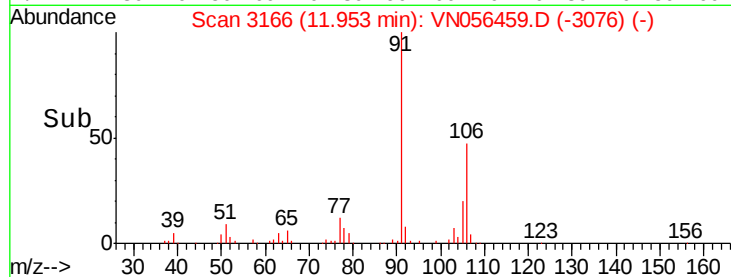
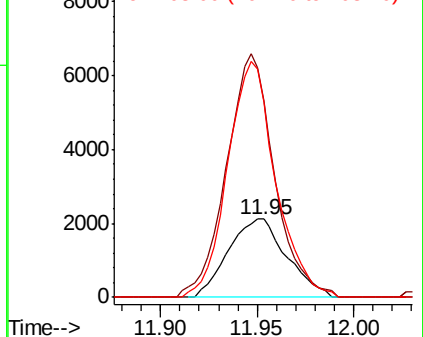
103 247.1 43.9 65.9#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 3.723 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

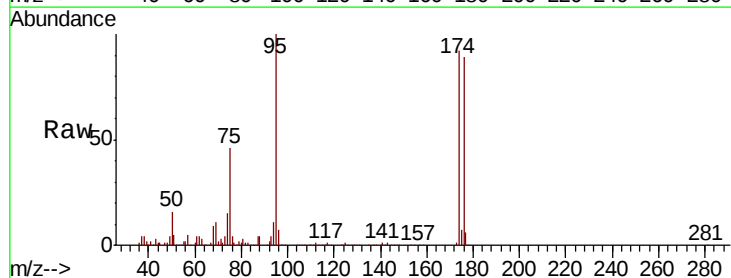
Tgt Ion:173 Resp: 2151

Ion Ratio Lower Upper

173 100

175 804.1 24.4 73.4#

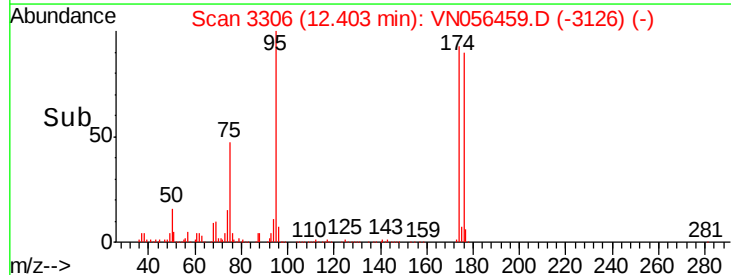
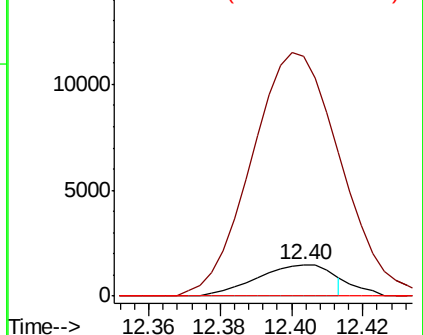
254 0.0 0.0 0.0

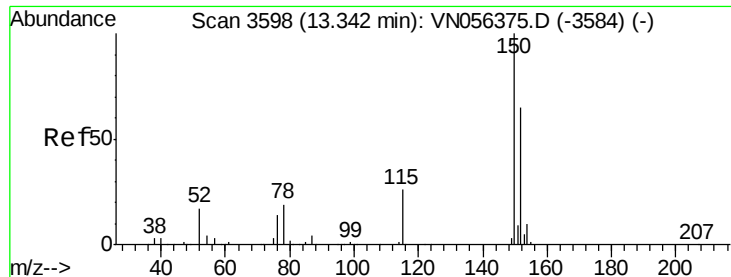


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN056459.D

Acq: 24 Jun 2019 16:33

Instrument :

MSVOA_N

ClientSampled :

B-6(17-18)DL

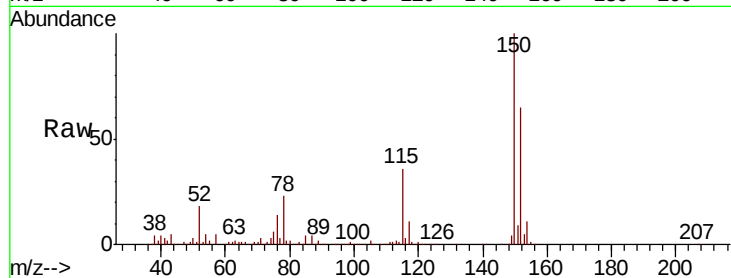
Tot Ion:152 Resp: 259982

Ion Ratio Lower Upper

152 100

115 60.1 28.1 84.4

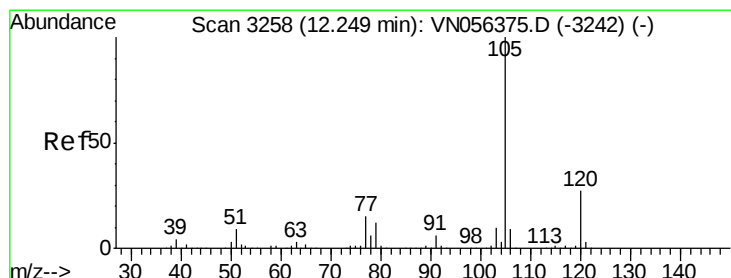
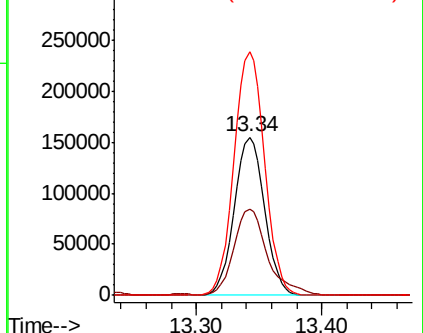
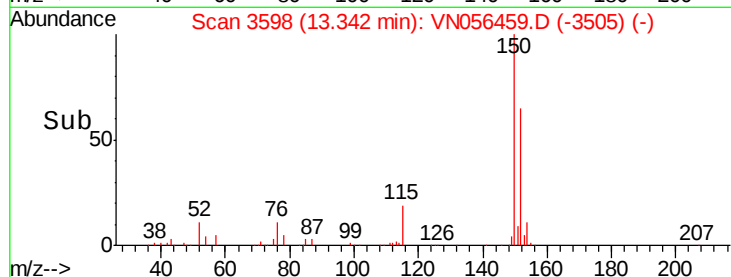
150 155.2 0.0 348.4



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: 3.425 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056459.D

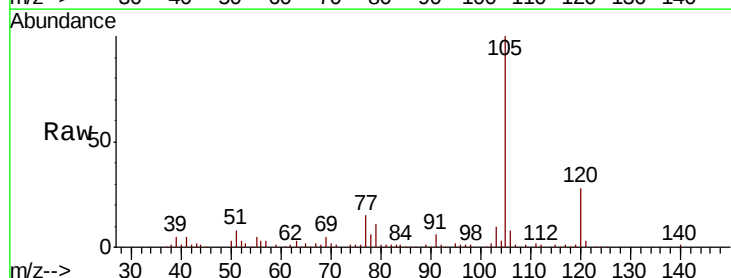
Acq: 24 Jun 2019 16:33

Tgt Ion:105 Resp: 115764

Ion Ratio Lower Upper

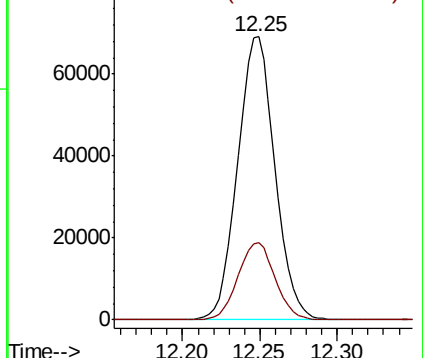
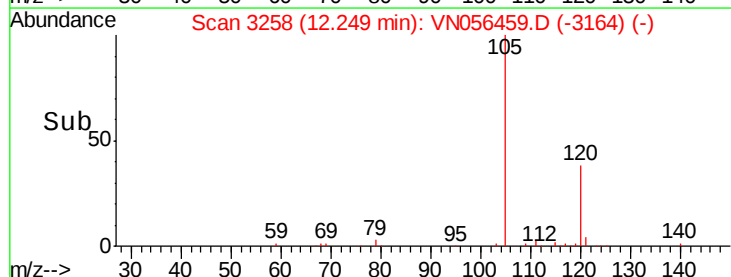
105 100

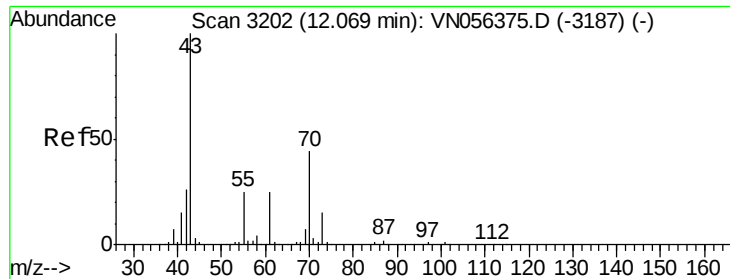
120 27.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 2.375 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

Instrument :

MSVOA_N

ClientSampled :

B-6(17-18)DL

Tot Ion: 43 Resp: 19651

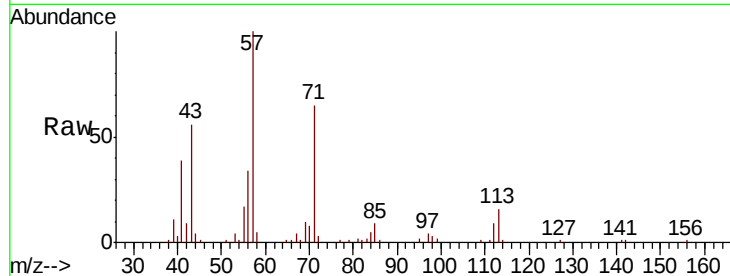
Ion Ratio Lower Upper

43 100

70 10.1 34.9 52.3#

55 7.4 20.4 30.6#

61 0.0 19.8 29.8#

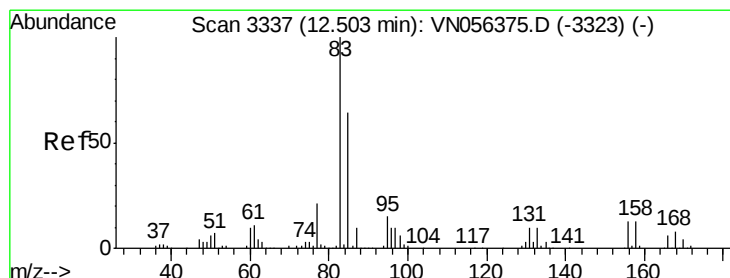
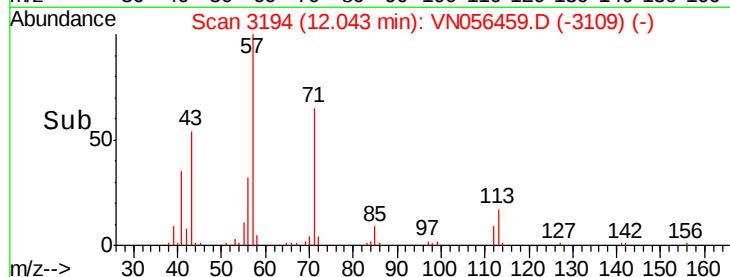
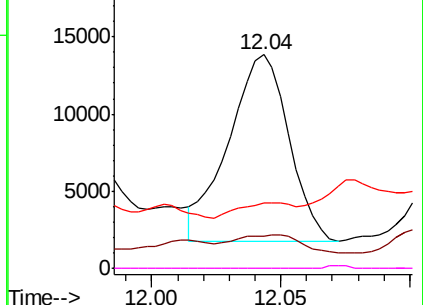


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.49 min Scan# 3332

Delta R.T. -0.02 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

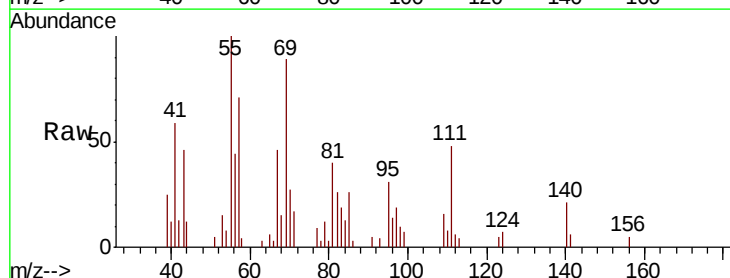
Tgt Ion: 83 Resp: 494

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

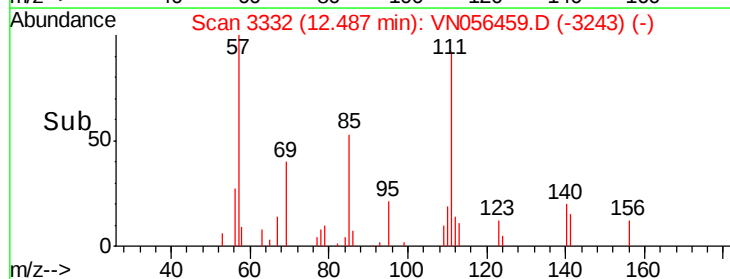
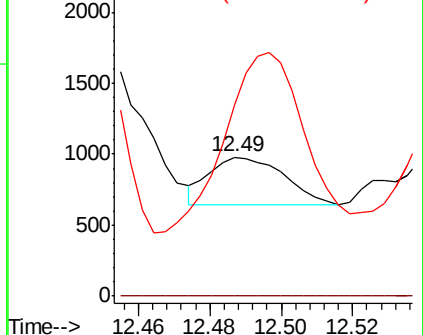
85 400.8 32.4 97.0#

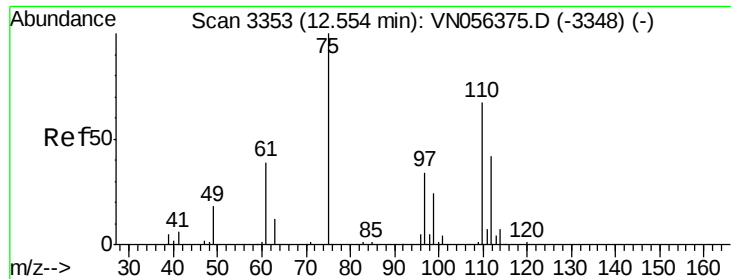


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0

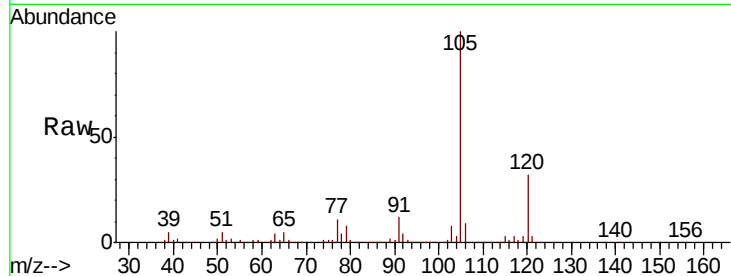




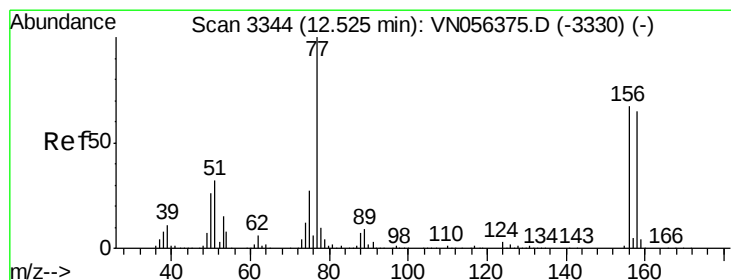
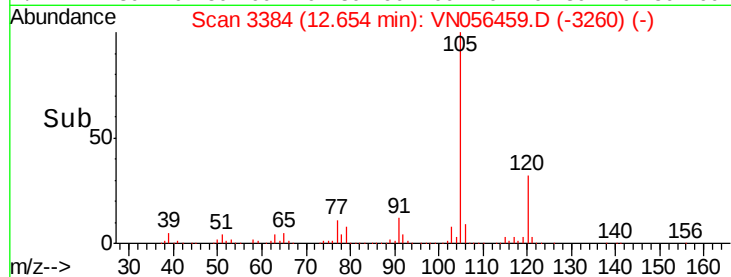
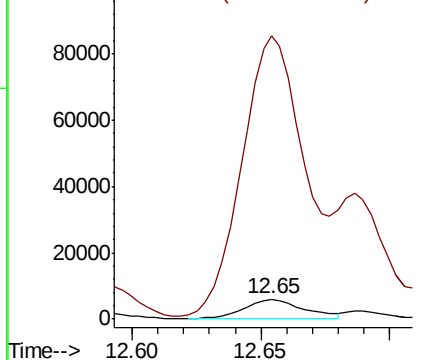
#76
 1,2,3-Trichloropropane
 Concen: 1.862 ug/l
 RT: 12.65 min Scan# 3384
 Delta R.T. 0.10 min
 Lab File: VN056459.D
 Acq: 24 Jun 2019 16:33

Instrument :
 MSVOA_N
 ClientSampleID :
 B-6(17-18)DL

Tot Ion: 75 Resp: 10039
 Ion Ratio Lower Upper
 75 100
 77 1432.7 0.0 0.0#

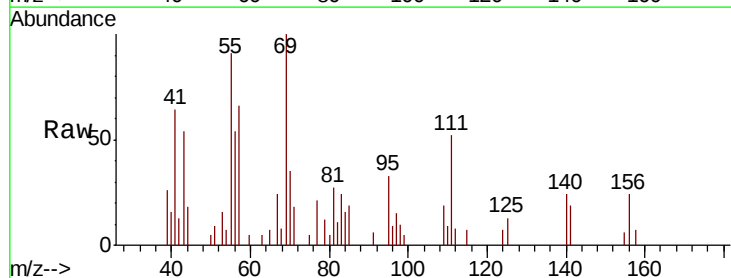


Abundance Ion 74.90 (74.60 to 75.60): VN056459.D (-3384) (-)
 Ion 77.00 (76.70 to 77.70): VN056459.D (-3384) (-)

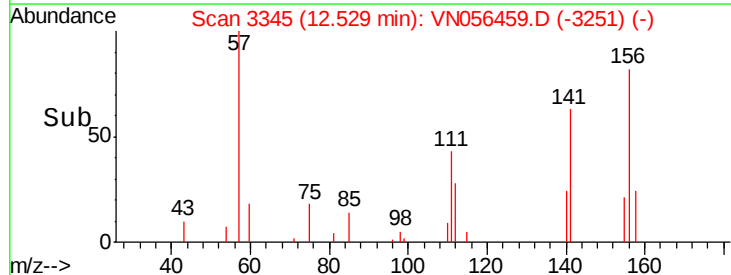
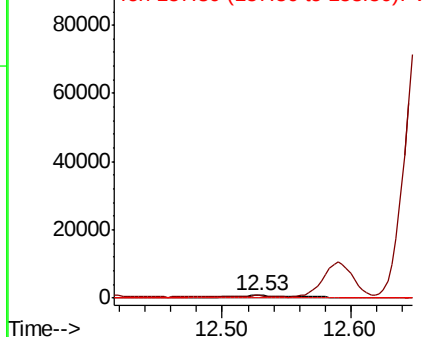


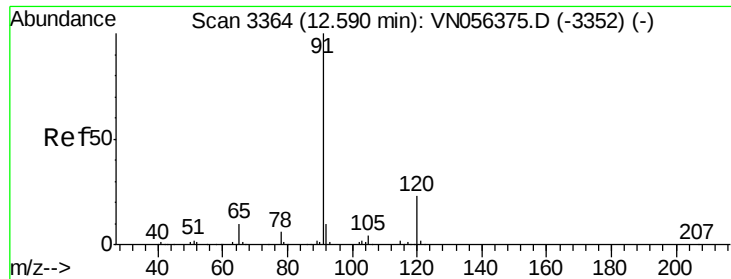
#77
 Bromobenzene
 Concen: 0.536 ug/l
 RT: 12.53 min Scan# 3345
 Delta R.T. 0.00 min
 Lab File: VN056459.D
 Acq: 24 Jun 2019 16:33

Tgt Ion: 156 Resp: 3116
 Ion Ratio Lower Upper
 156 100
 77 0.0 92.5 277.3#
 158 11.3 48.7 146.1#



Abundance Ion 155.80 (155.50 to 156.50): VN056459.D (-3345) (-)
 Ion 77.00 (76.70 to 77.70): VN056459.D (-3345) (-)
 Ion 157.80 (157.50 to 158.50): VN056459.D (-3345) (-)





#78

n-propylbenzene

Concen: 18.695 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

Instrument :

MSVOA_N

ClientSampled :

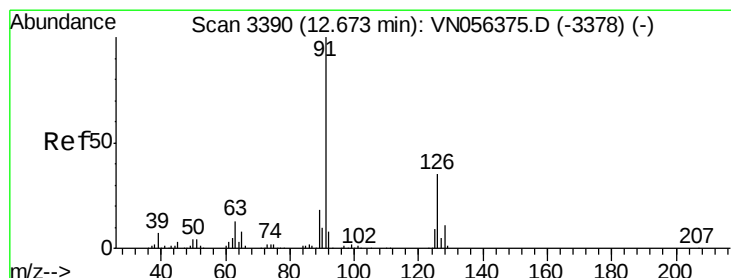
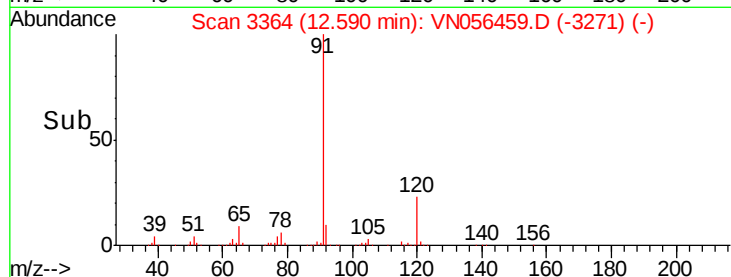
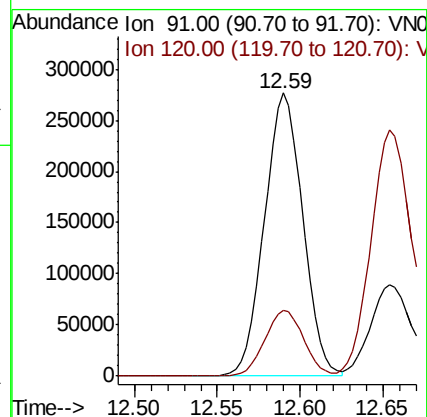
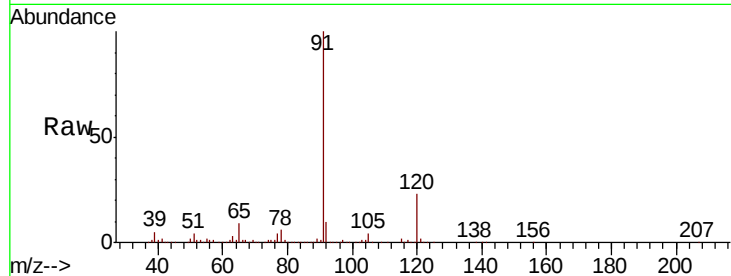
B-6(17-18)DL

Tot Ion: 91 Resp: 445090

Ion Ratio Lower Upper

91 100

120 23.5 11.8 35.4



#79

2-Chlorotoluene

Concen: 8.635 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN056459.D

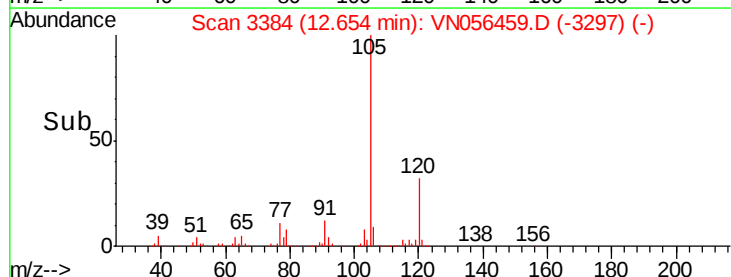
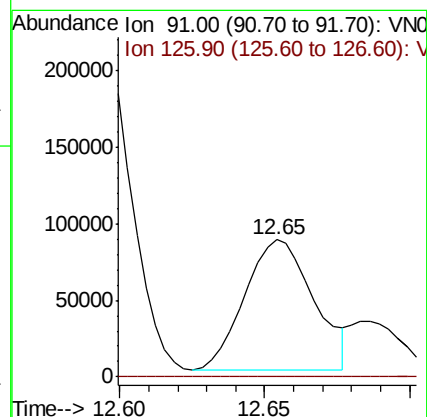
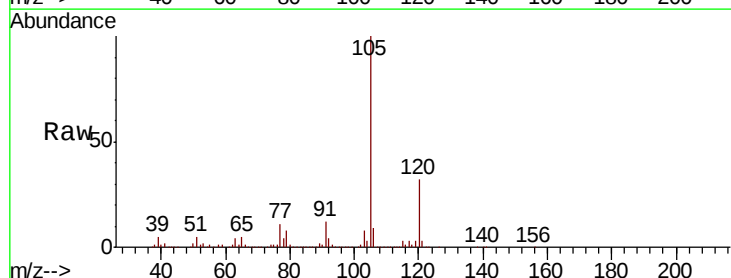
Acq: 24 Jun 2019 16:33

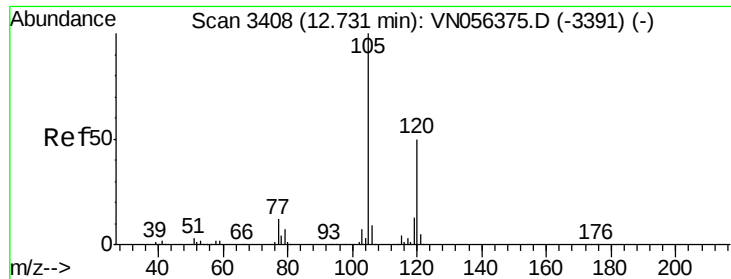
Tgt Ion: 91 Resp: 140047

Ion Ratio Lower Upper

91 100

126 0.5 17.6 52.8#

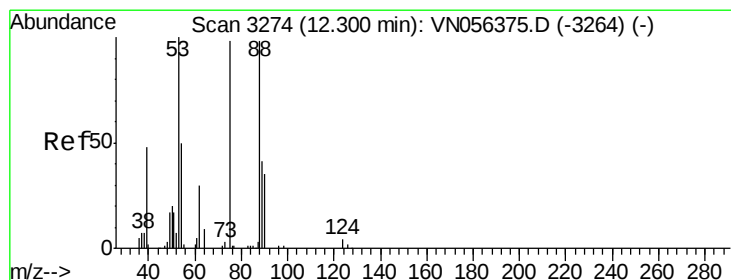
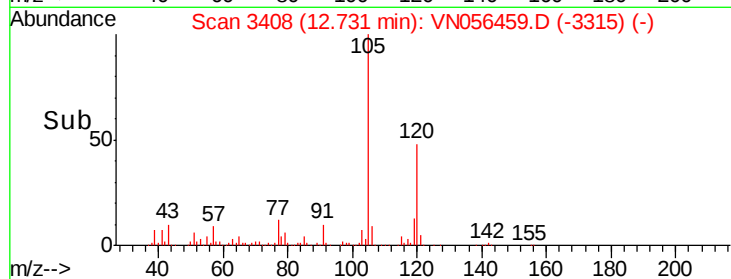
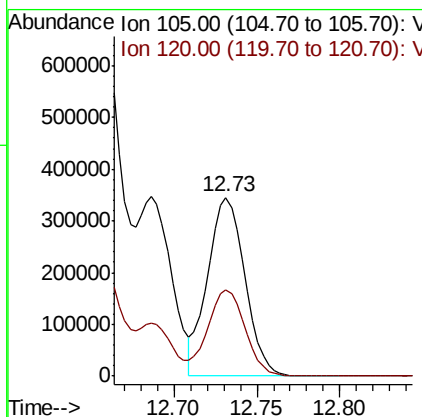
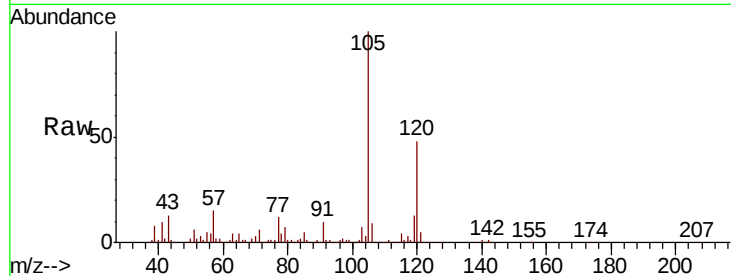




#80
 1,3,5-Trimethylbenzene
 Concen: 32.117 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN056459.D
 Acq: 24 Jun 2019 16:33

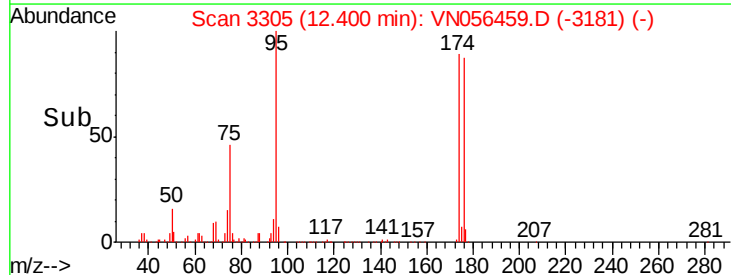
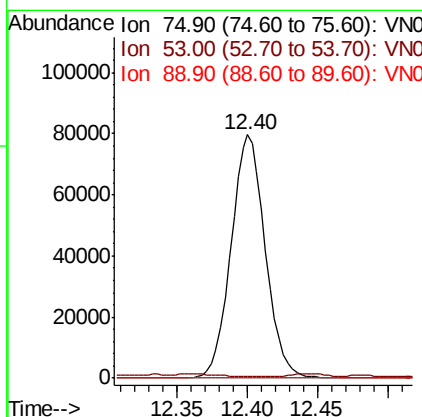
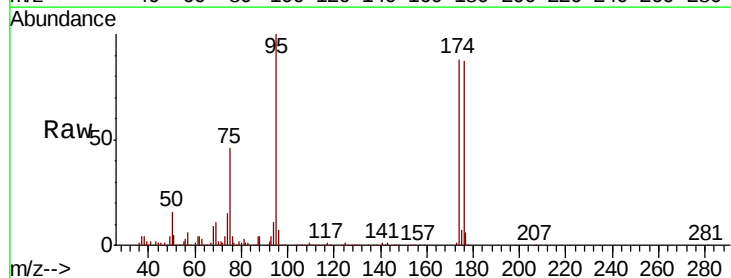
Instrument :
 MSVOA_N
 ClientSampleID :
 B-6(17-18)DL

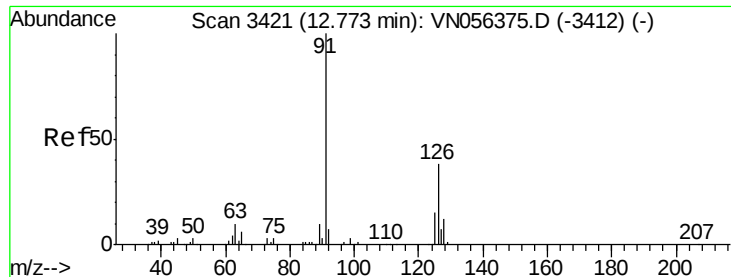
Tot Ion:105 Resp: 538710
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.8 74.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.615 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN056459.D
 Acq: 24 Jun 2019 16:33

Tgt Ion: 75 Resp: 134407
 Ion Ratio Lower Upper
 75 100
 53 0.1 83.9 125.9#
 89 0.0 35.0 52.6#





#82

4-Chlorotoluene

Concen: 3.817 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

Instrument :

MSVOA_N

ClientSampled :

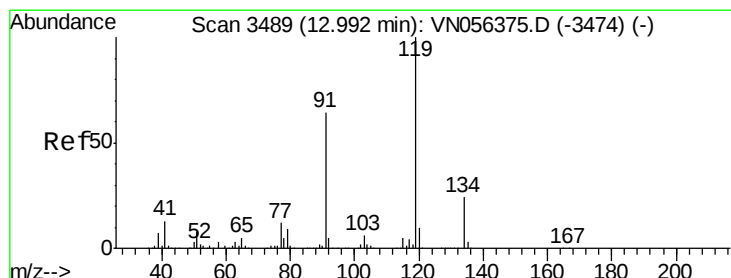
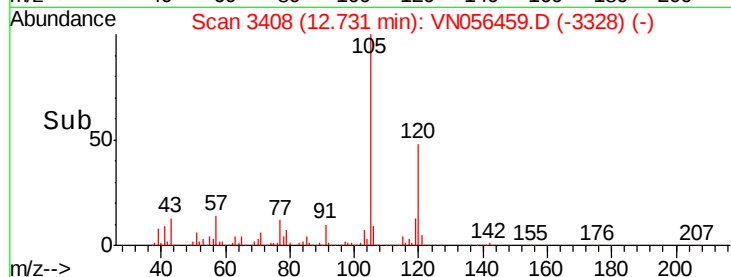
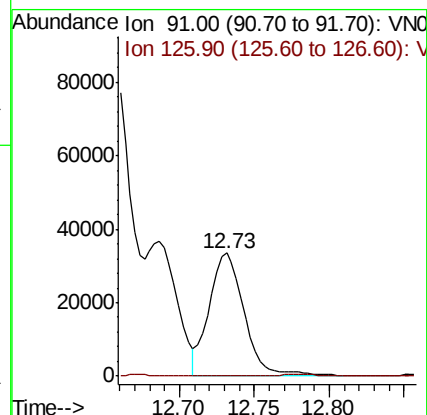
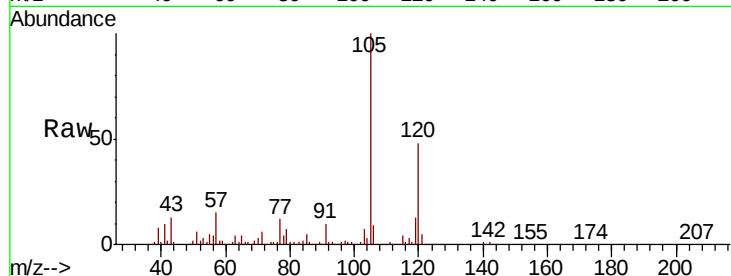
B-6(17-18)DL

Tot Ion: 91 Resp: 53654

Ion Ratio Lower Upper

91 100

126 0.0 17.3 52.0#



#83

tert-Butylbenzene

Concen: 13.299 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

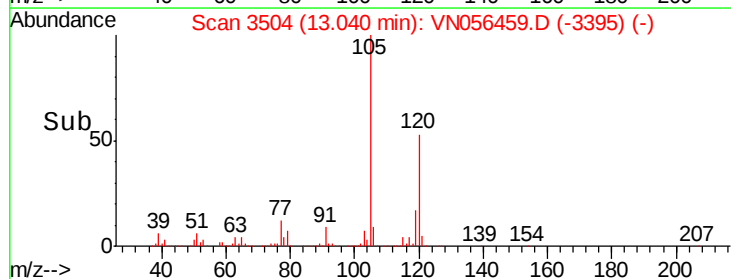
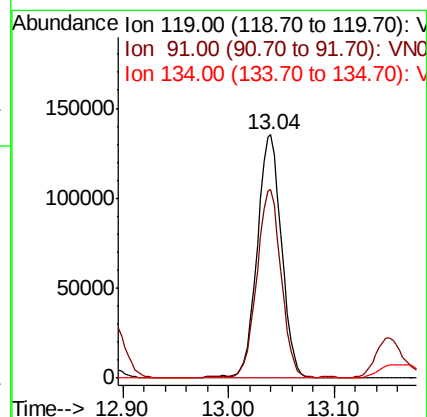
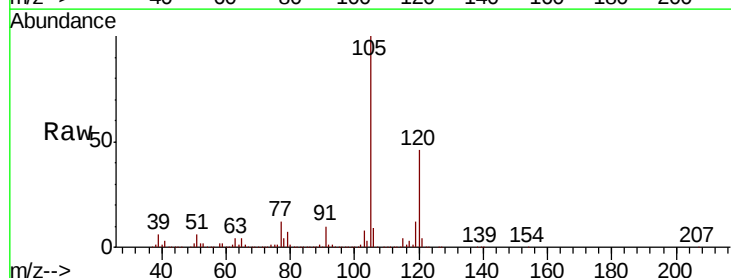
Tgt Ion: 119 Resp: 218492

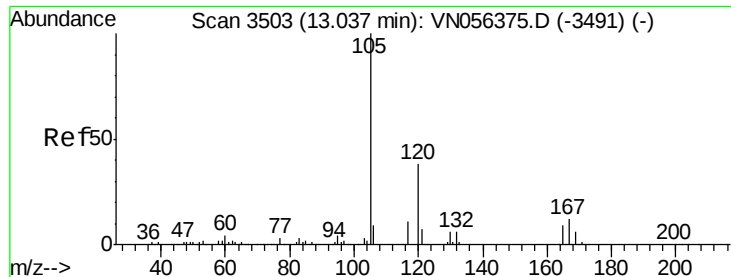
Ion Ratio Lower Upper

119 100

91 76.2 31.6 94.7

134 0.0 13.2 39.5#

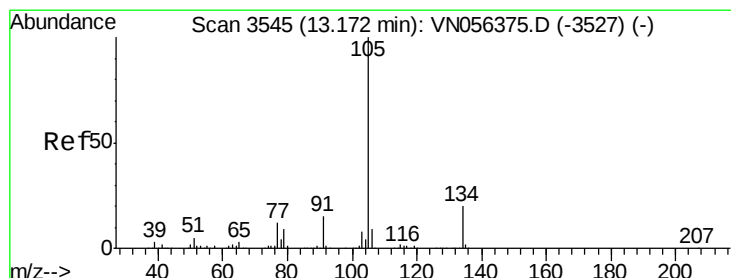
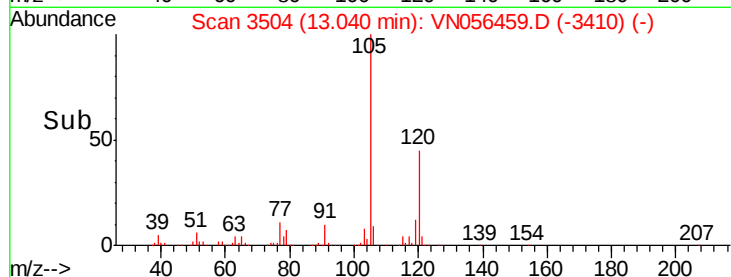
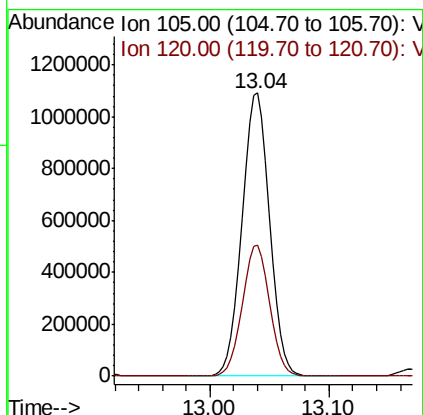
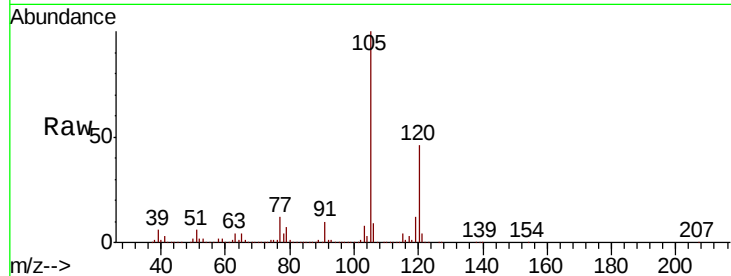




#84
1,2,4-Trimethylbenzene
Concen: 99.636 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN056459.D
Acq: 24 Jun 2019 16:33

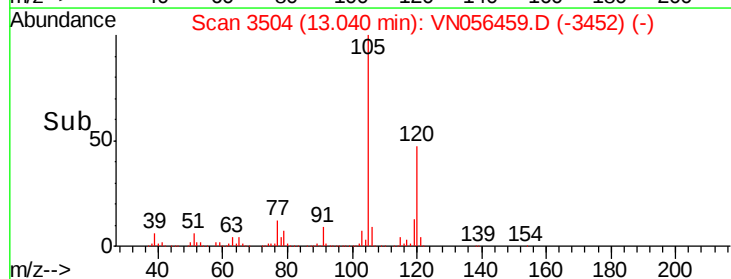
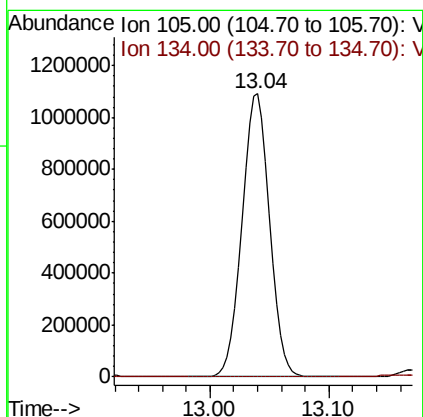
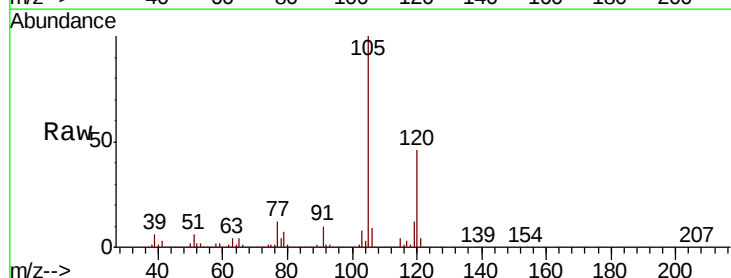
Instrument :
MSVOA_N
ClientSampled :
B-6(17-18)DL

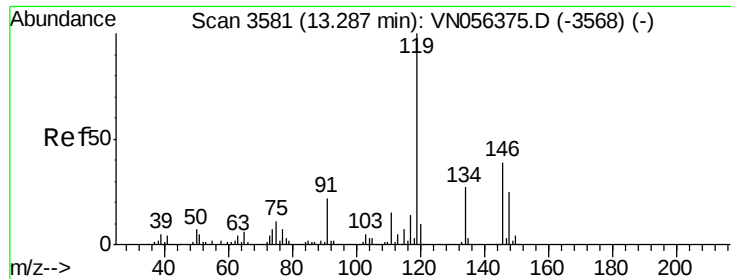
Tot Ion:105 Resp: 1743816
Ion Ratio Lower Upper
105 100
120 46.0 22.9 68.8



#85
sec-Butylbenzene
Concen: 83.333 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.13 min
Lab File: VN056459.D
Acq: 24 Jun 2019 16:33

Tgt Ion:105 Resp: 1743816
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#

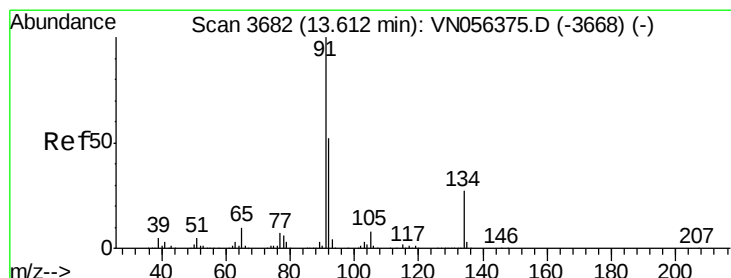
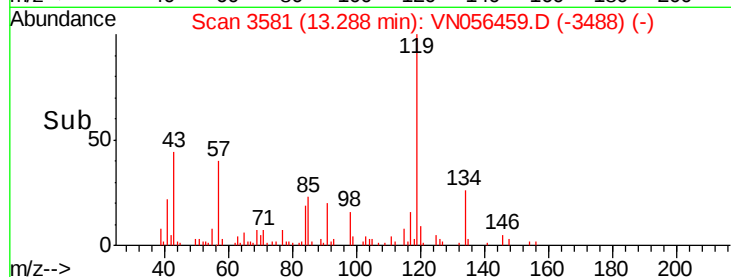
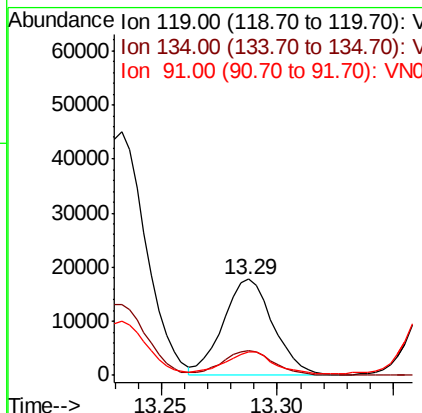
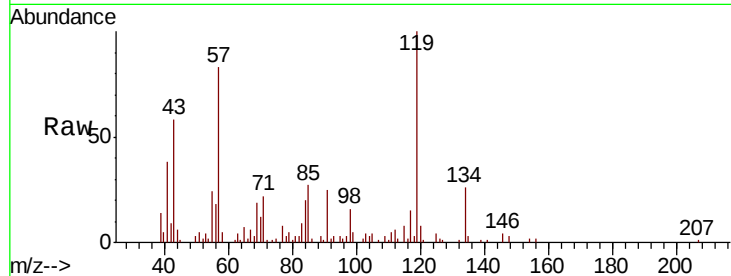




#86
p-Isopropyltoluene
Concen: 1.484 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN056459.D
Acq: 24 Jun 2019 16:33

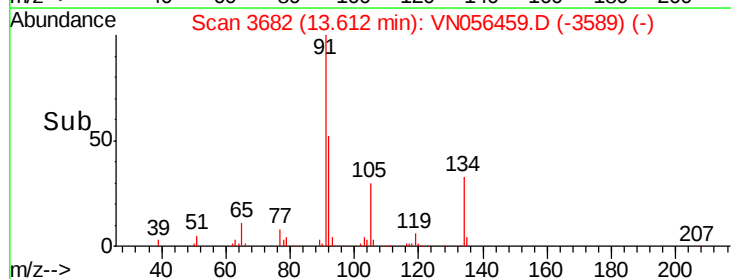
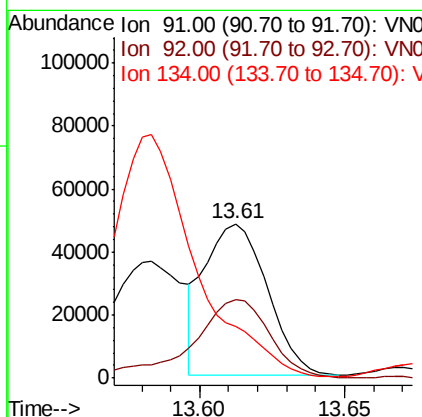
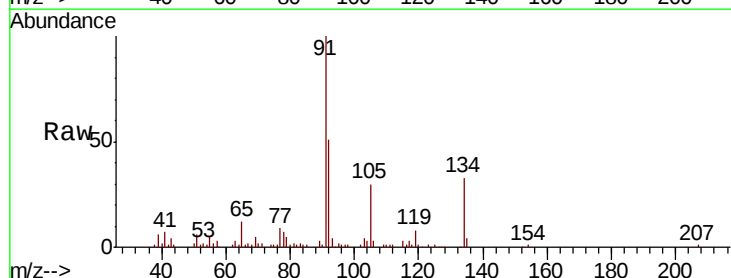
Instrument :
MSVOA_N
ClientSampled :
B-6(17-18)DL

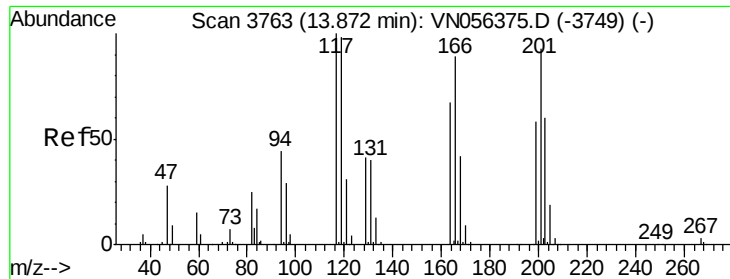
Tot Ion:119 Resp: 26649
Ion Ratio Lower Upper
119 100
134 26.2 13.5 40.4
91 21.7 11.2 33.5



#89
n-Butylbenzene
Concen: 5.271 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056459.D
Acq: 24 Jun 2019 16:33

Tgt Ion: 91 Resp: 71667
Ion Ratio Lower Upper
91 100
92 64.1 26.2 78.5
134 0.0 13.4 40.2#





#90

Hexachloroethane

Concen: 9.469 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

Instrument :

MSVOA_N

ClientSampled :

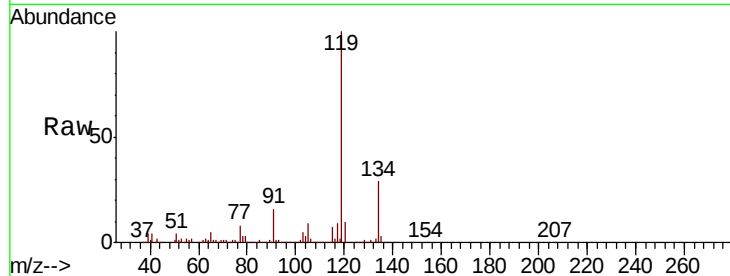
B-6(17-18)DL

Tot Ion:117 Resp: 26513

Ion Ratio Lower Upper

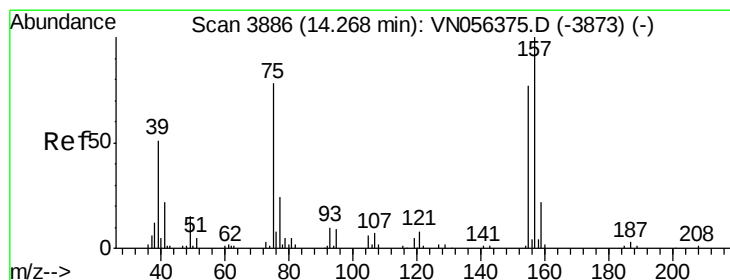
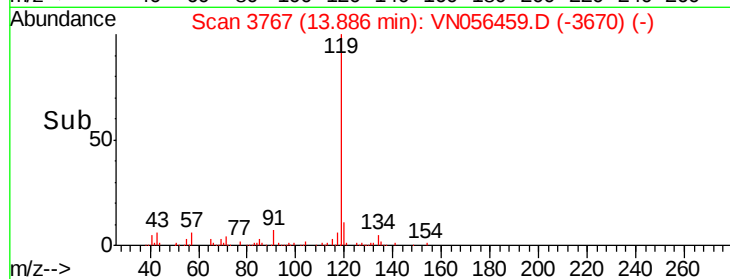
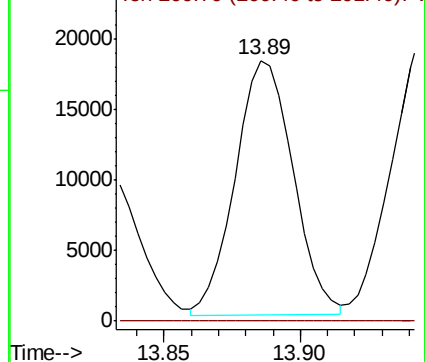
117 100

201 0.0 45.9 137.6#



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: 0.558 ug/l

RT: 14.29 min Scan# 3894

Delta R.T. 0.03 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

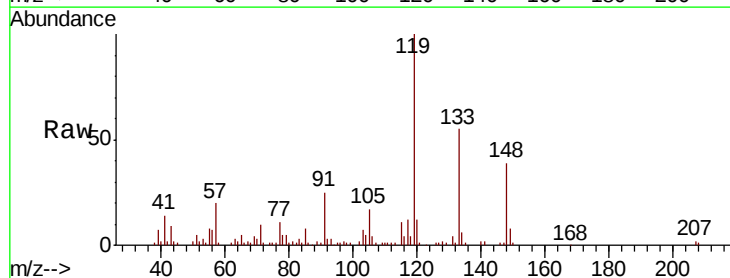
Tgt Ion: 75 Resp: 537

Ion Ratio Lower Upper

75 100

155 0.0 48.9 146.8#

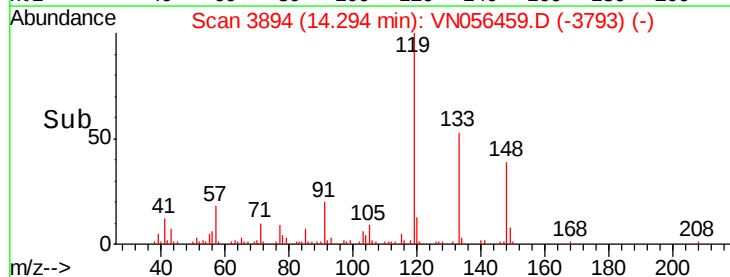
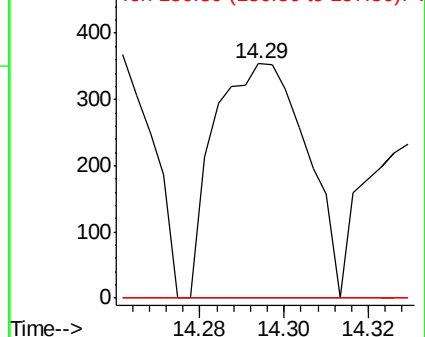
157 0.0 62.9 188.8#

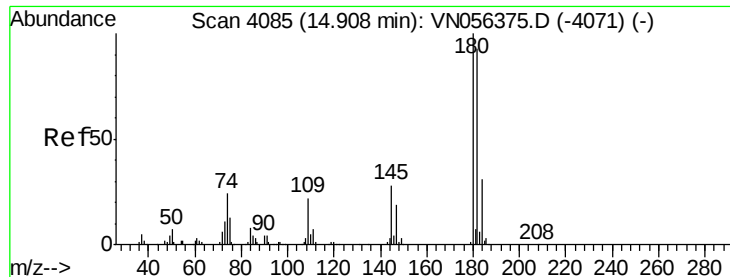


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 6.216 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

B-6(17-18)DL

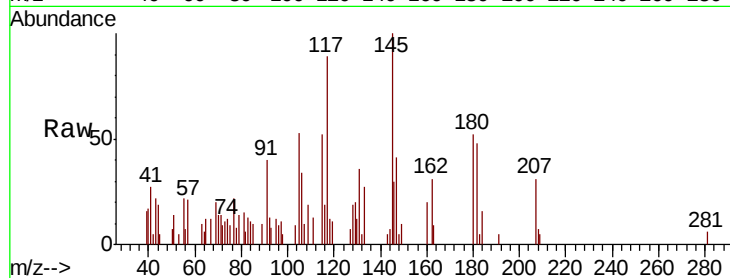
Tot Ion:180 Resp: 3087

Ion Ratio Lower Upper

180 100

182 95.4 46.9 140.6

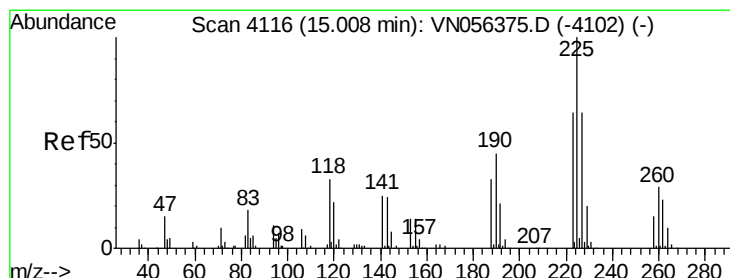
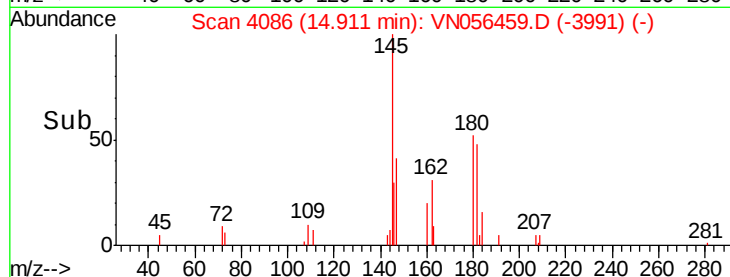
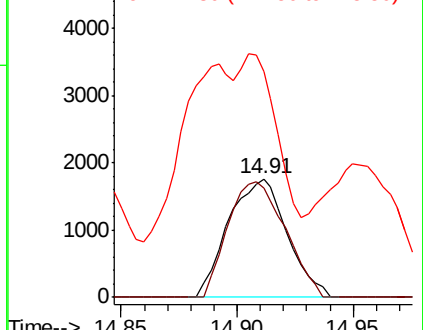
145 130.8 14.4 43.0#



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: VN056459.D

Acq: 24 Jun 2019 16:33

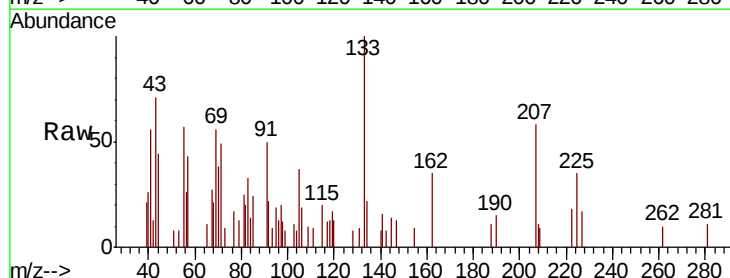
Tgt Ion:225 Resp: 924

Ion Ratio Lower Upper

225 100

223 51.3 31.4 94.3

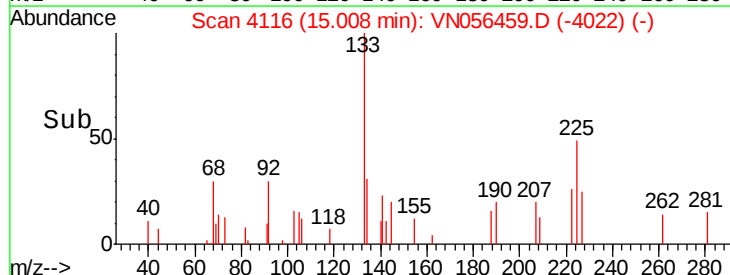
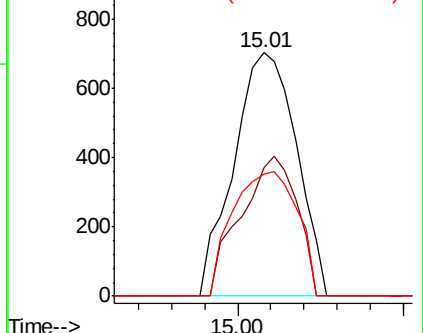
227 52.7 32.1 96.3

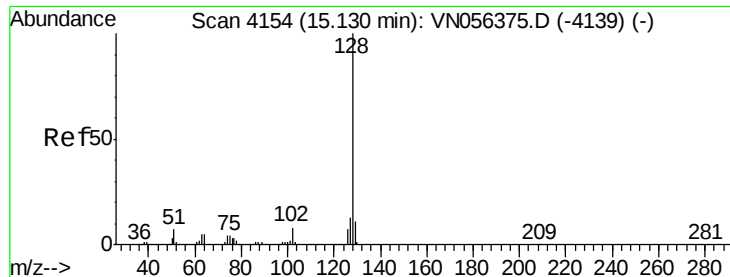


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 11.590 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

B-6(17-18)DL

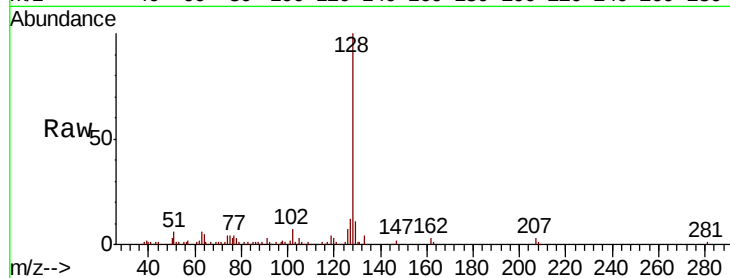
Tot Ion:128 Resp: 84334

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.2

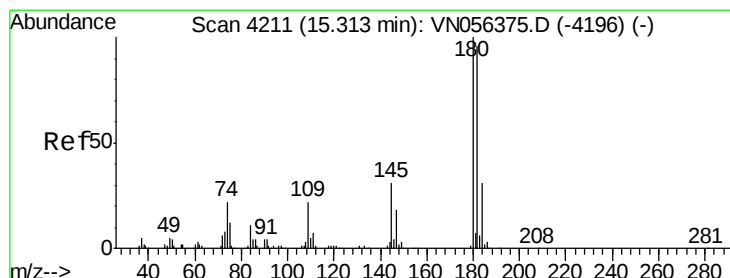
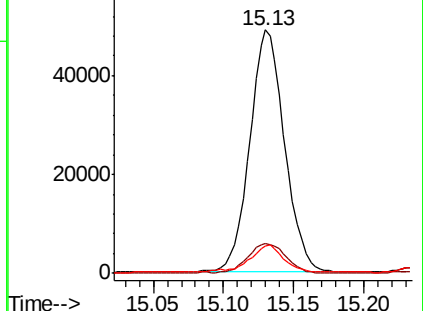
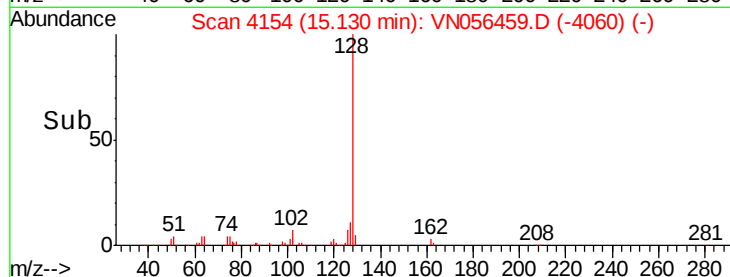
129 12.2 8.6 12.8



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: 5.164 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

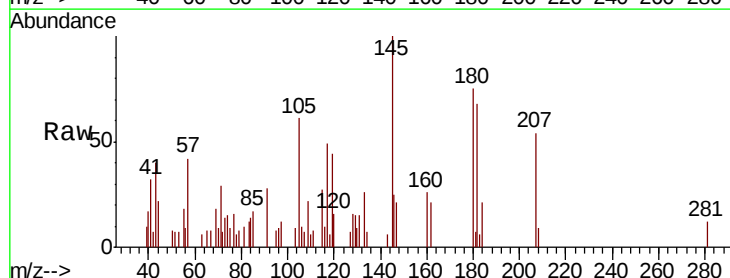
Tgt Ion:180 Resp: 3536

Ion Ratio Lower Upper

180 100

182 101.1 48.3 144.8

145 0.0 15.4 46.1#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

