

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062419\
 Data File : VN056451.D
 Acq On : 24 Jun 2019 13:25
 Operator : JC/SP
 Sample : PB120834ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120834ZHE#06

Quant Time: Jun 25 01:19:37 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	363604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	621516	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	612065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	179595	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	209494	51.99	ug/l	0.00
Spiked Amount			Recovery	=	103.98%	
35) Dibromofluoromethane	7.59	113	181552	46.83	ug/l	0.00
Spiked Amount			Recovery	=	93.66%	
50) Toluene-d8	10.09	98	772487	51.20	ug/l	0.00
Spiked Amount			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	12.40	95	247704	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	

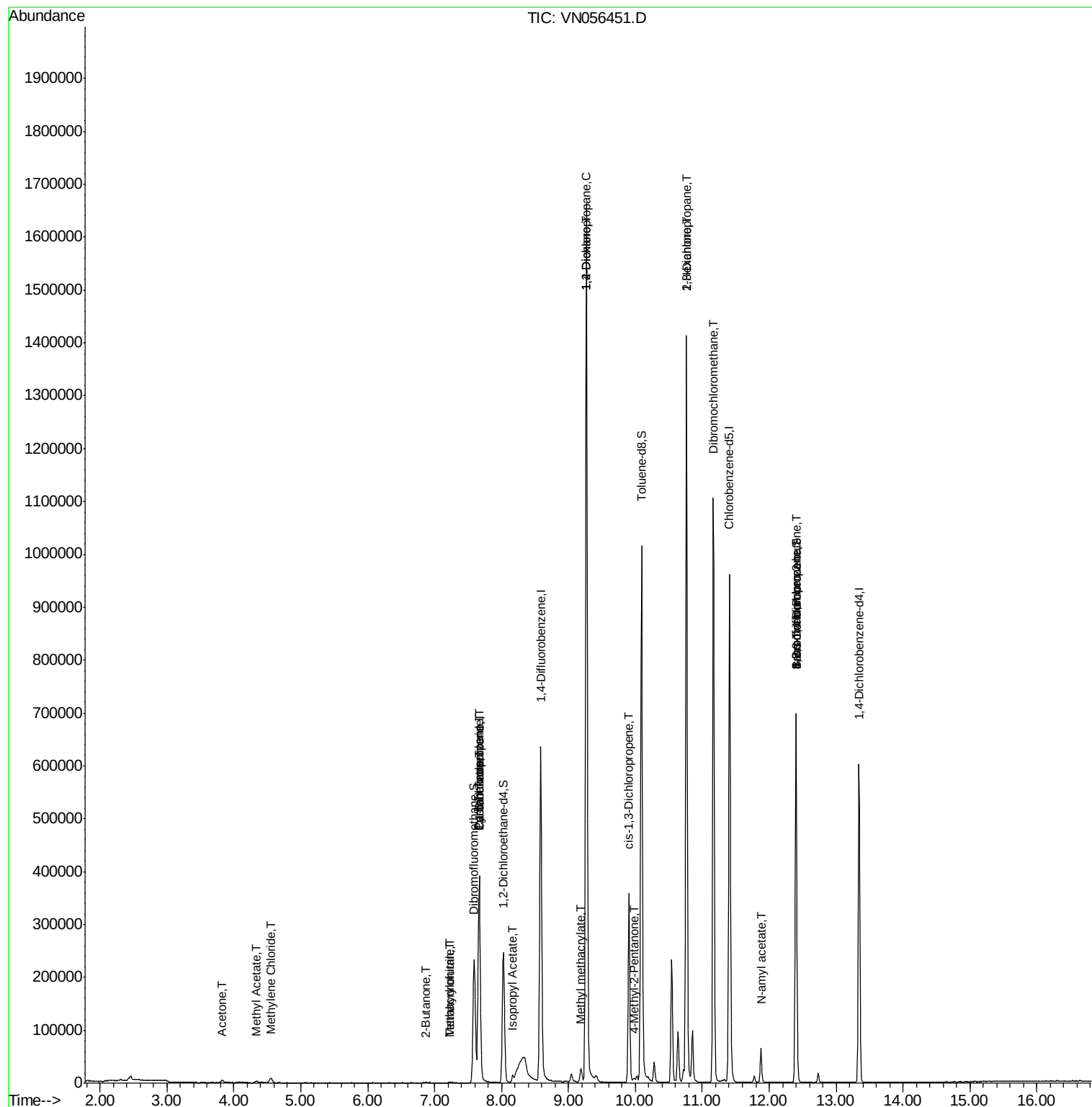
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	8459	4.190	ug/l	100
18) Methyl Acetate	4.33	43	7119	0.949	ug/l #	70
20) Methylene Chloride	4.55	84	6897	0.939	ug/l #	91
25) 2-Butanone	6.86	43	1591	0.595	ug/l #	49
29) Tetrahydrofuran	7.23	42	1620	0.992	ug/l #	66
31) Cyclohexane	7.66	56	5552	0.892	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	23326	4.264	ug/l #	48
38) Carbon Tetrachloride	7.67	117	31642	6.614	ug/l #	13
41) Methacrylonitrile	7.23	41	630	0.265	ug/l #	24
43) Isopropyl Acetate	8.17	43	14357	1.732	ug/l #	94
45) 1,2-Dichloropropane	9.27	63	2073	0.461	ug/l #	43
48) Methyl methacrylate	9.18	41	9373	2.256	ug/l #	12
49) 1,4-Dioxane	9.27	88	96	1.114	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	4868	0.910	ug/l	91
54) cis-1,3-Dichloropropene	9.90	75	67516	11.228	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	14903	2.145	ug/l #	42
59) 2-Hexanone	10.76	43	203578	51.769	ug/l #	51
60) Dibromochloromethane	11.16	129	68	2.397	ug/l #	10
71) Bromoform	12.40	173	1371	3.526	ug/l #	1
73) Isopropylbenzene	12.40	105	171	Below Cal	#	48
74) N-amyl acetate	11.88	43	19750	3.455	ug/l #	50
76) 1,2,3-Trichloropropane	12.40	75	116175	31.197	ug/l #	100
79) 2-Chlorotoluene	12.73	91	886	Below Cal	#	40
80) 1,3,5-Trimethylbenzene	12.73	105	9601	Below Cal		97
81) trans-1,4-Dichloro-2-buten	12.40	75	116175	110.878	ug/l #	8
83) tert-Butylbenzene	12.73	119	1221	Below Cal	#	76

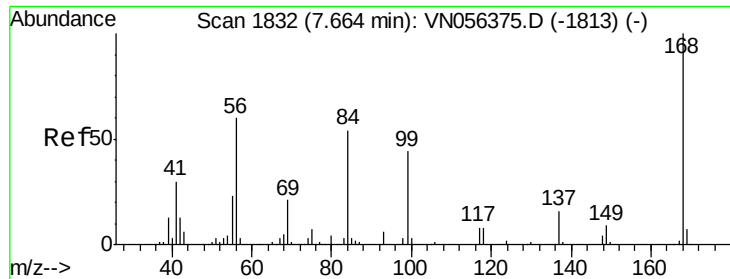
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 25 01:19:37 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: VN056451.D

Acq: 24 Jun 2019 13:25

Instrument :

MSVOA_N

ClientSampleId :

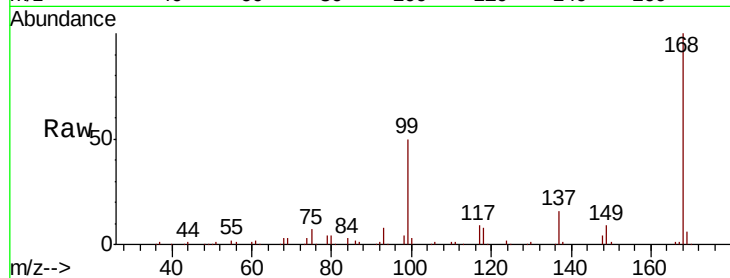
PB120834ZHE#06

Tot Ion:168 Resp: 363604

Ion Ratio Lower Upper

168 100

99 49.6 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

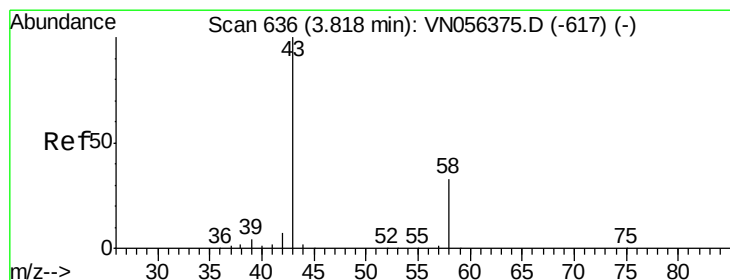
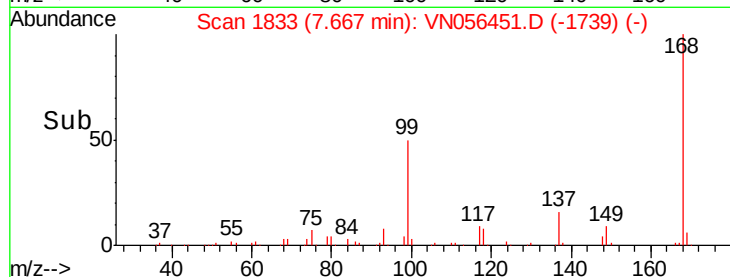
100000

50000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 4.190 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN056451.D

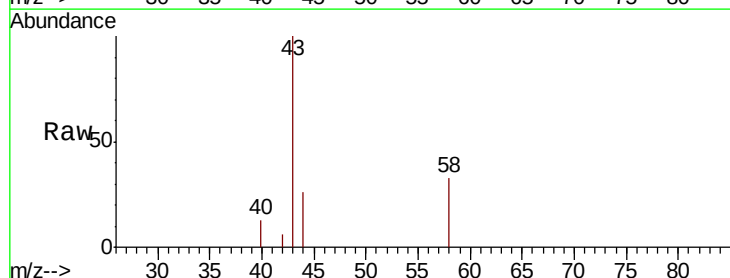
Acq: 24 Jun 2019 13:25

Tgt Ion: 43 Resp: 8459

Ion Ratio Lower Upper

43 100

58 32.8 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

3000

2500

2000

1500

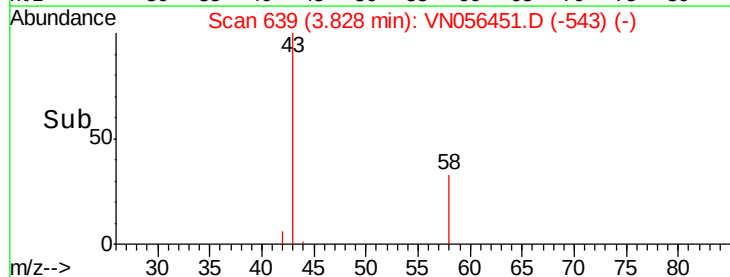
1000

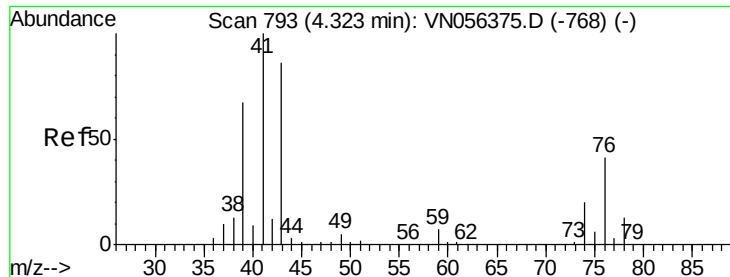
500

0

Time-->

3.70 3.80 3.90

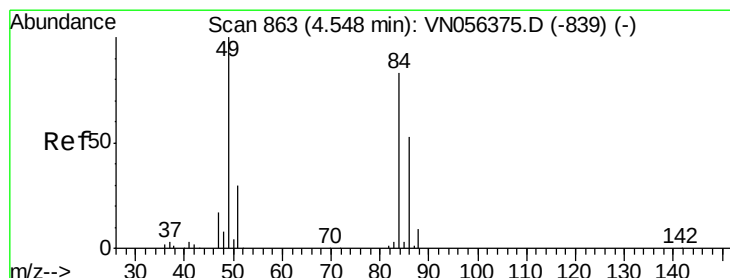
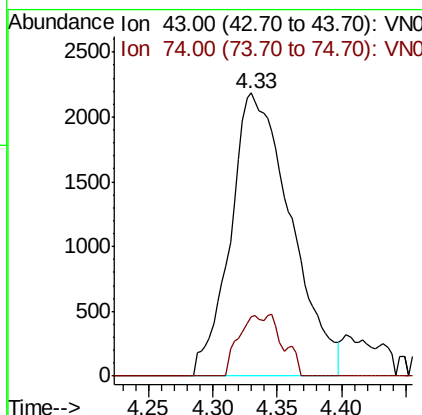
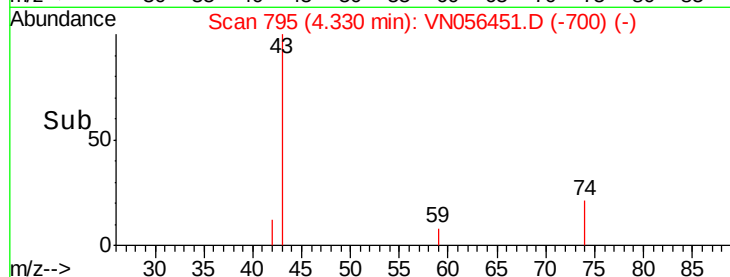
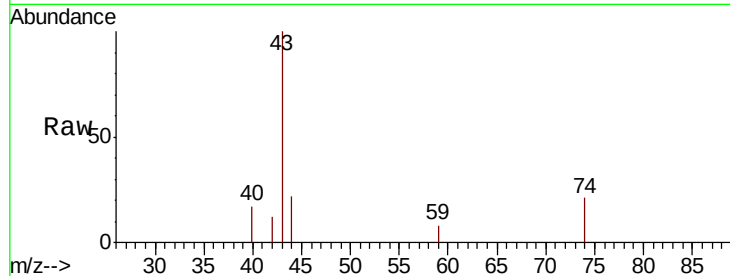




#18
Methyl Acetate
Concen: 0.949 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN056451.D
Acq: 24 Jun 2019 13:25

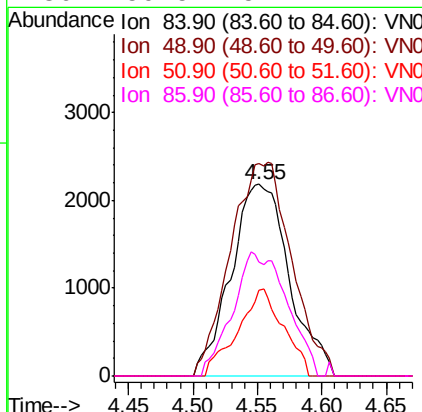
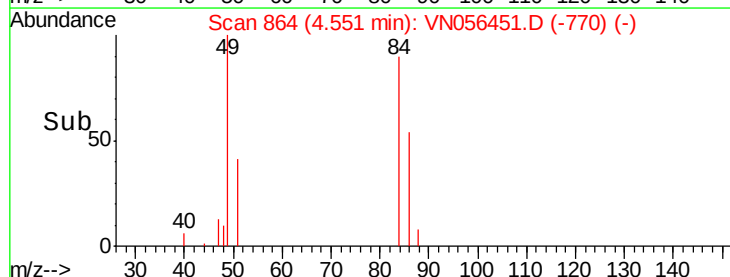
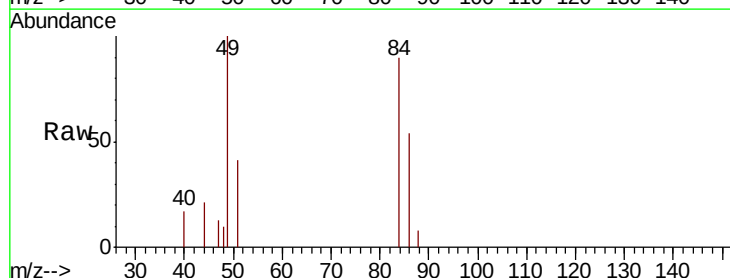
Instrument :
MSVOA_N
ClientSampleId :
PB120834ZHE#06

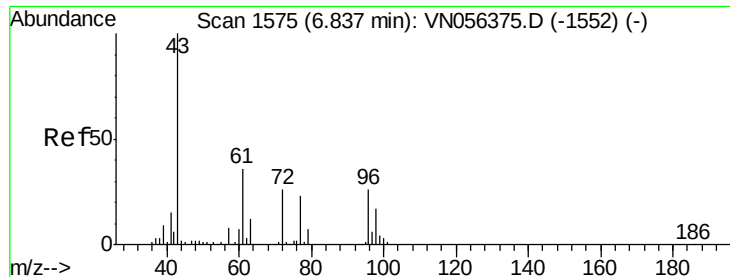
Tot Ion: 43 Resp: 7119
Ion Ratio Lower Upper
43 100
74 9.0 19.2 28.8#



#20
Methylene Chloride
Concen: 0.939 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056451.D
Acq: 24 Jun 2019 13:25

Tgt Ion: 84 Resp: 6897
Ion Ratio Lower Upper
84 100
49 110.7 96.4 144.6
51 45.0 28.6 43.0#
86 59.5 51.4 77.2

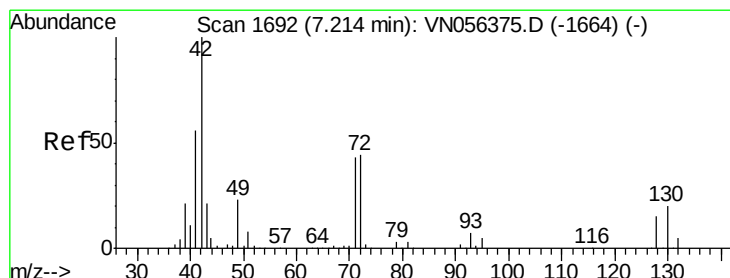
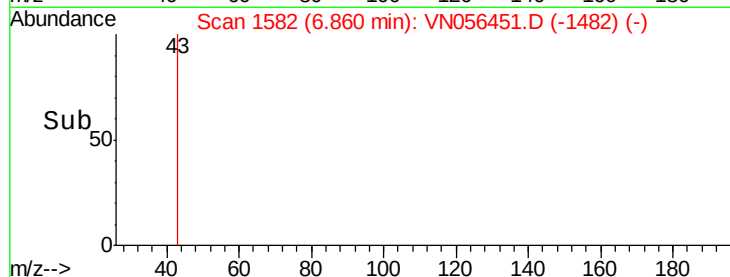
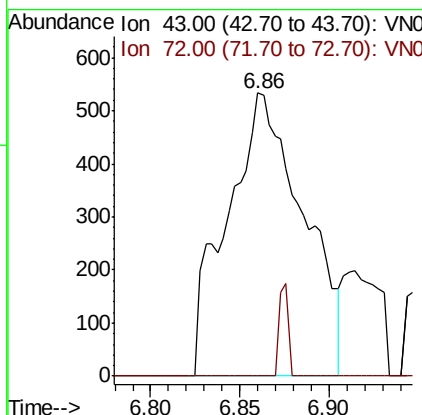
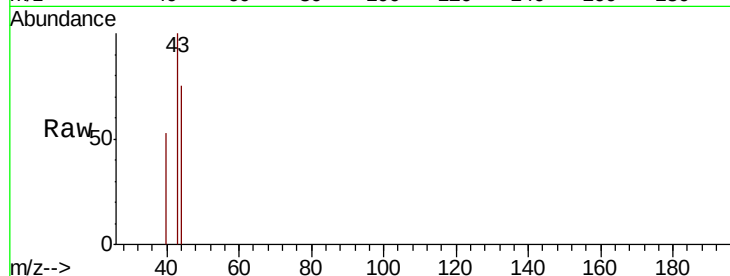




#25
 2-Butanone
 Concen: 0.595 ug/l
 RT: 6.86 min Scan# 1582
 Delta R.T. 0.02 min
 Lab File: VN056451.D
 Acq: 24 Jun 2019 13:25

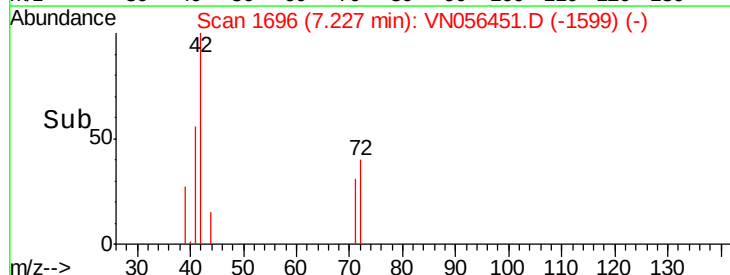
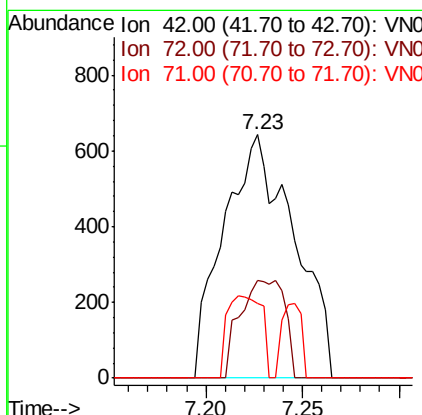
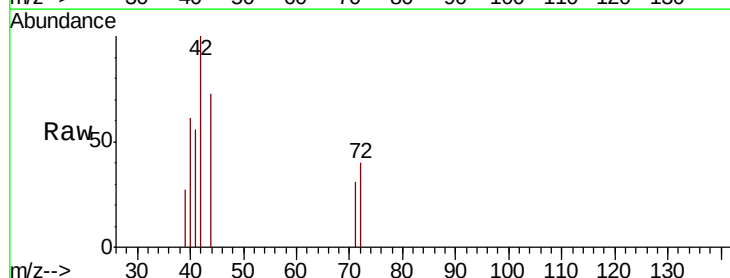
Instrument :
 MSVOA_N
 ClientSampleId :
 PB120834ZHE#06

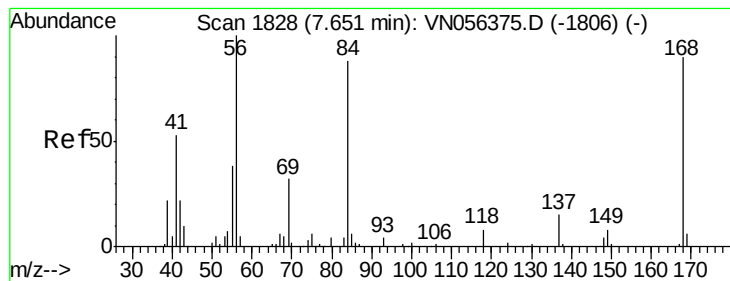
Tot Ion: 43 Resp: 1591
 Ion Ratio Lower Upper
 43 100
 72 0.0 20.6 31.0#



#29
 Tetrahydrofuran
 Concen: 0.992 ug/l
 RT: 7.23 min Scan# 1696
 Delta R.T. 0.01 min
 Lab File: VN056451.D
 Acq: 24 Jun 2019 13:25

Tgt Ion: 42 Resp: 1620
 Ion Ratio Lower Upper
 42 100
 72 25.4 34.7 52.1#
 71 16.6 33.0 49.6#





#31

Cyclohexane

Concen: 0.892 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN056451.D

Acq: 24 Jun 2019 13:25

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#06

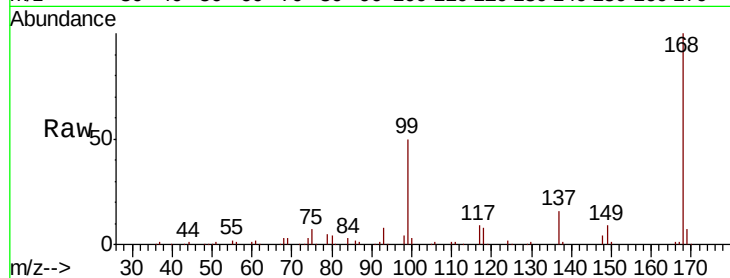
Tot Ion: 56 Resp: 5552

Ion Ratio Lower Upper

56 100

69 192.7 25.8 38.6#

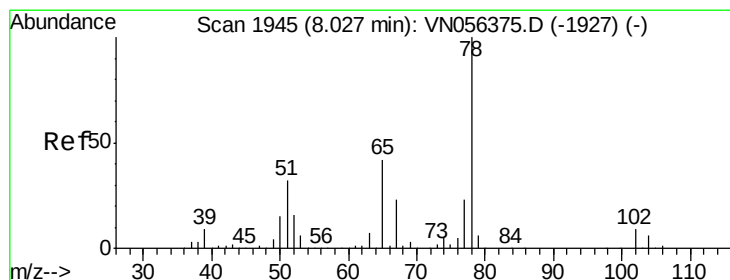
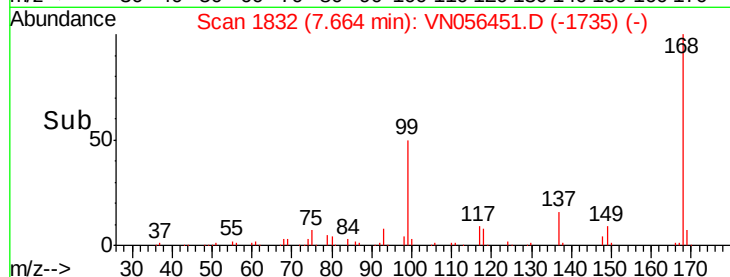
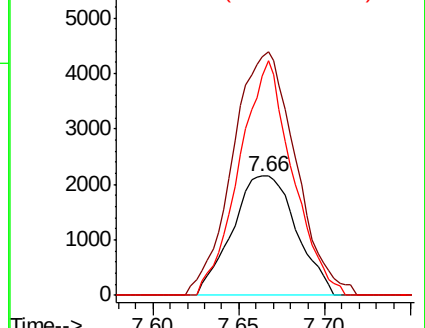
84 184.0 69.4 104.0#



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



#33

1,2-Dichloroethane-d4

Concen: 51.986 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056451.D

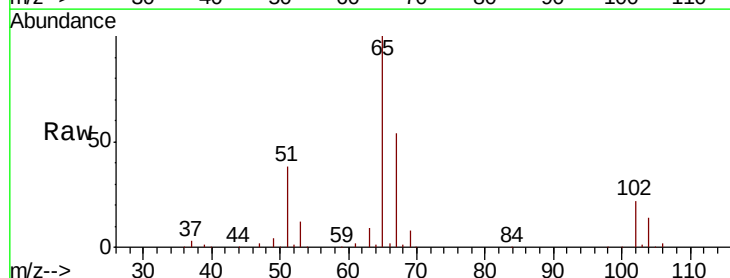
Acq: 24 Jun 2019 13:25

Tgt Ion: 65 Resp: 209494

Ion Ratio Lower Upper

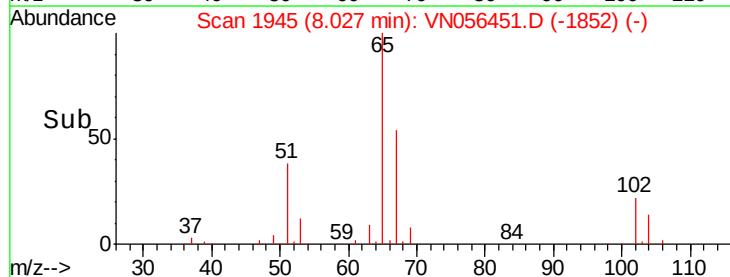
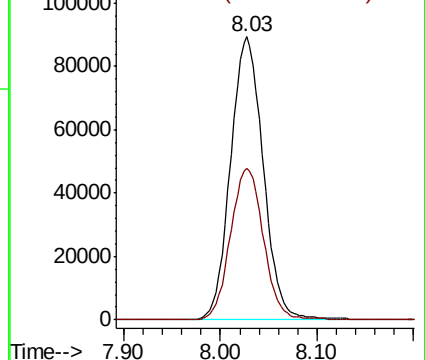
65 100

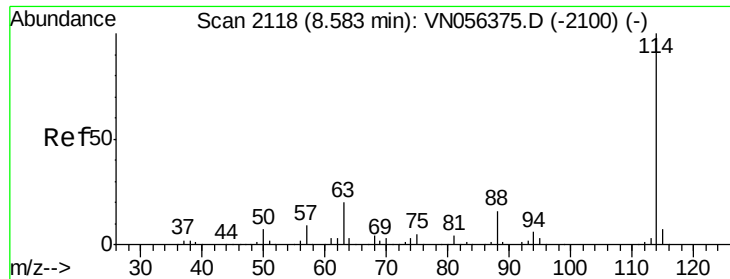
67 54.3 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

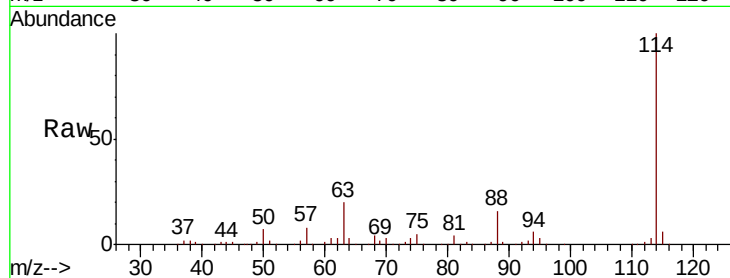




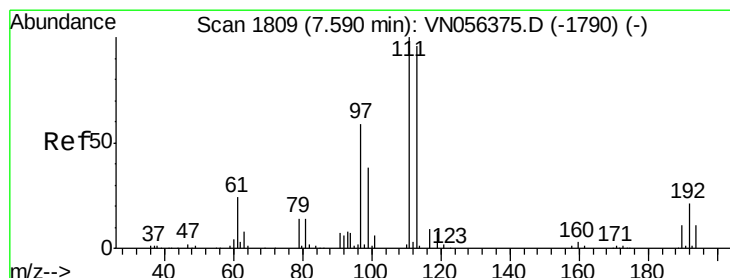
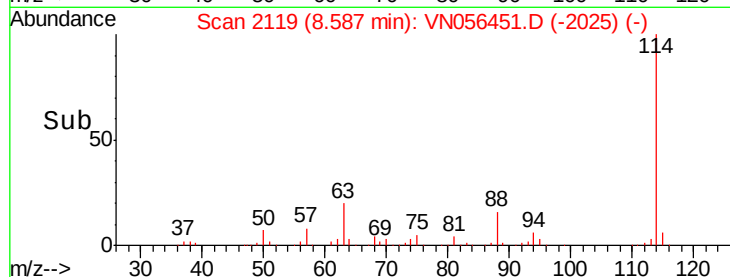
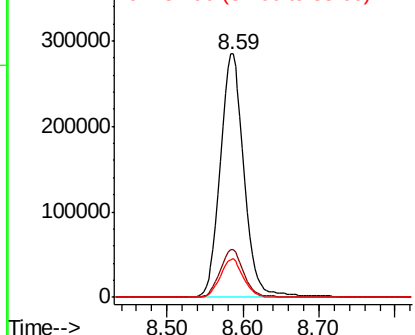
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056451.D
Acq: 24 Jun 2019 13:25

Instrument :
MSVOA_N
ClientSampleId :
PB120834ZHE#06

Tot Ion:114 Resp: 621516
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.2
88 15.7 0.0 31.4

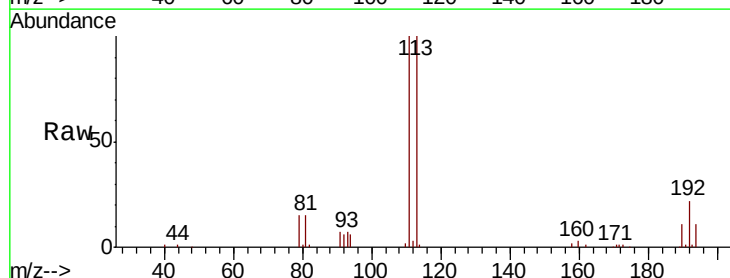


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

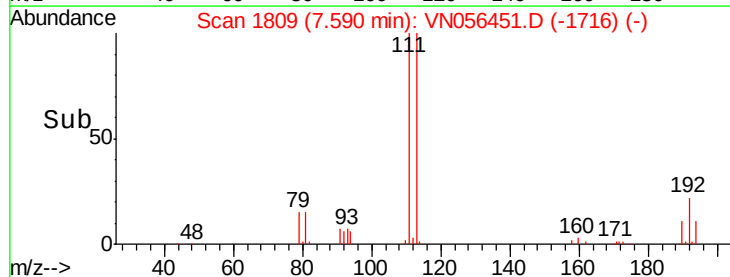
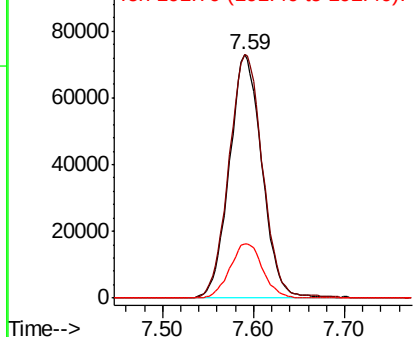


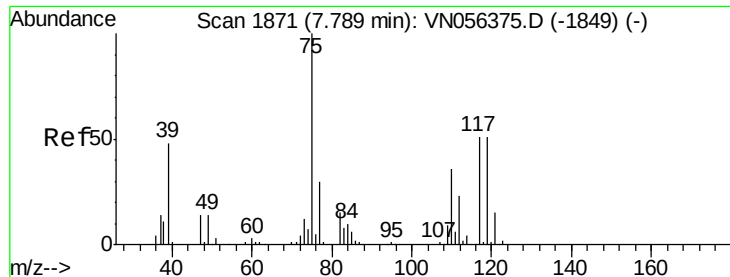
#35
Dibromofluoromethane
Concen: 46.825 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056451.D
Acq: 24 Jun 2019 13:25

Tgt Ion:113 Resp: 181552
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 22.4 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: 4.264 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN056451.D

Acq: 24 Jun 2019 13:25

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#06

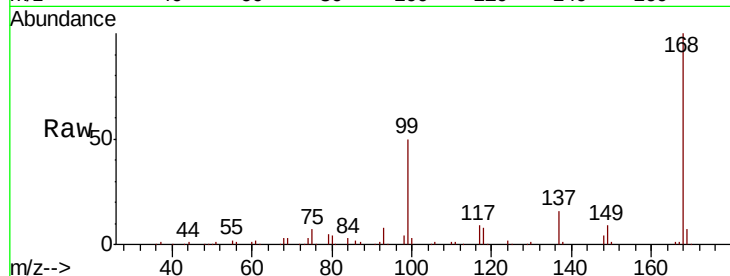
Tot Ion: 75 Resp: 23326

Ion Ratio Lower Upper

75 100

110 7.5 18.1 54.3#

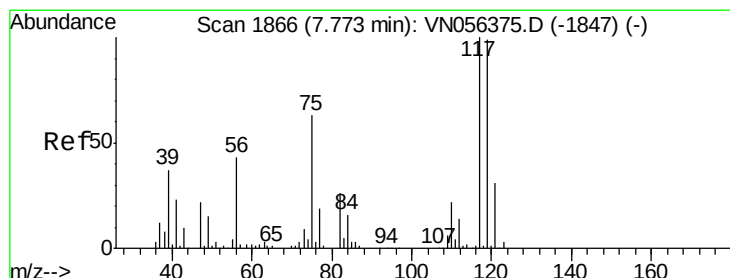
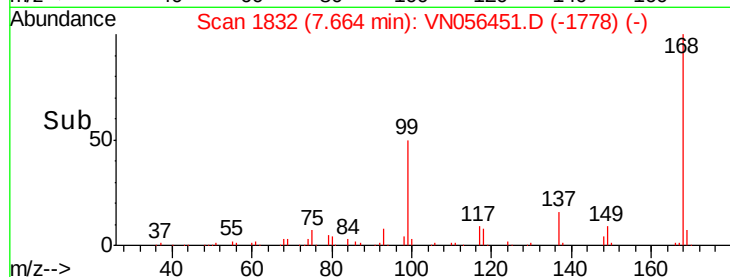
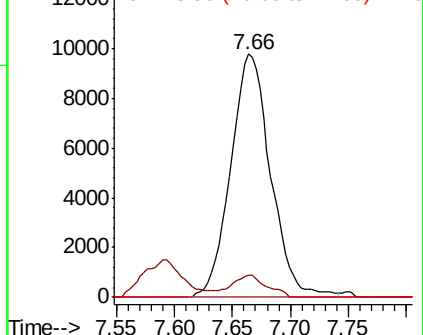
77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0



#38

Carbon Tetrachloride

Concen: 6.614 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN056451.D

Acq: 24 Jun 2019 13:25

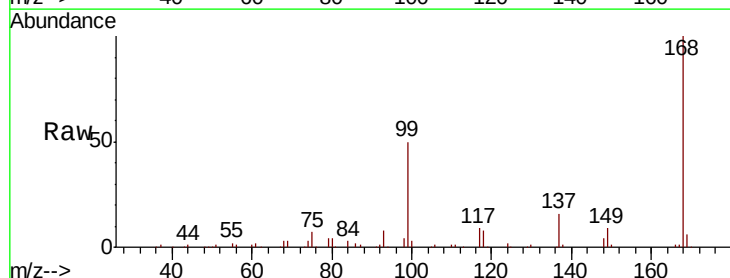
Tgt Ion: 117 Resp: 31642

Ion Ratio Lower Upper

117 100

119 3.5 79.1 118.7#

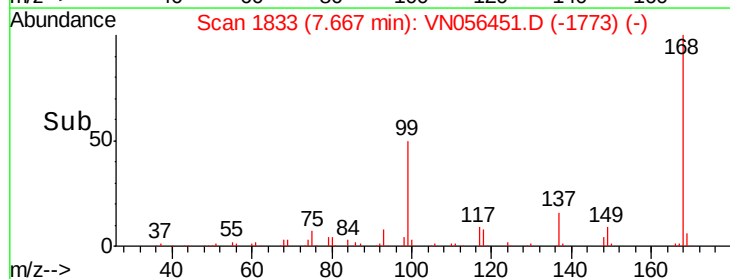
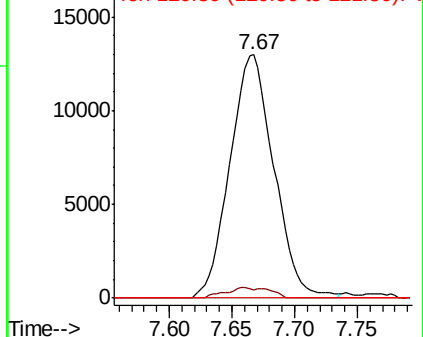
121 0.0 24.8 37.2#

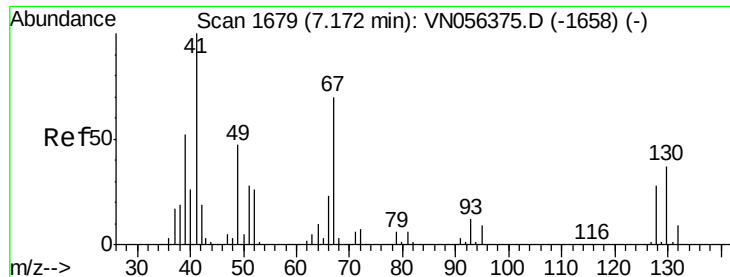


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

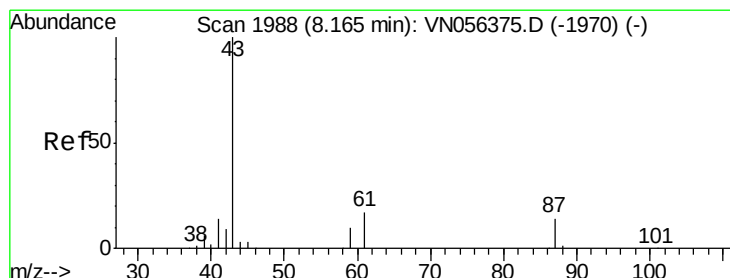
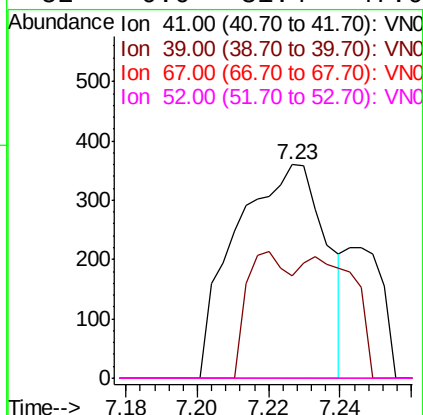
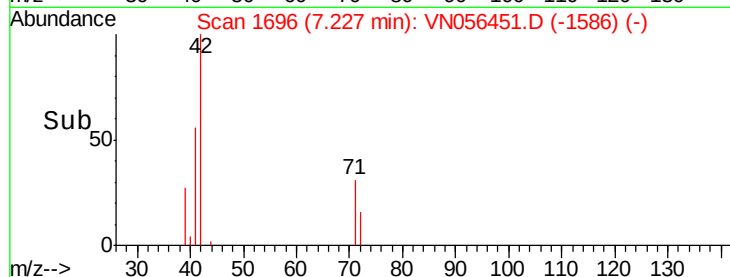
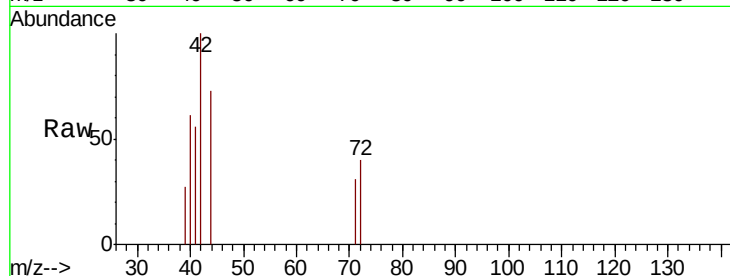




#41
Methacrylonitrile
Concen: 0.265 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.05 min
Lab File: VN056451.D
Acq: 24 Jun 2019 13:25

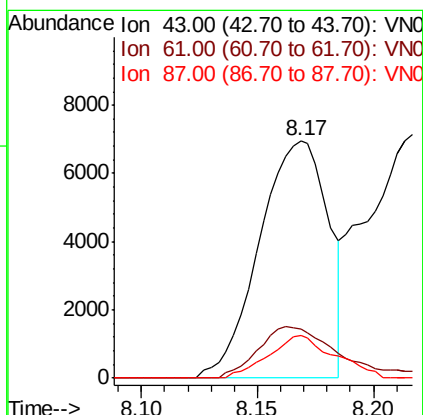
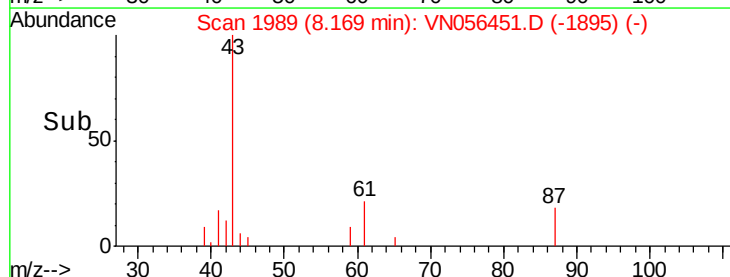
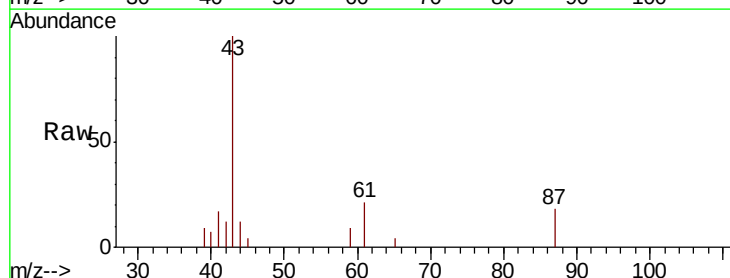
Instrument :
MSVOA_N
ClientSampleId :
PB120834ZHE#06

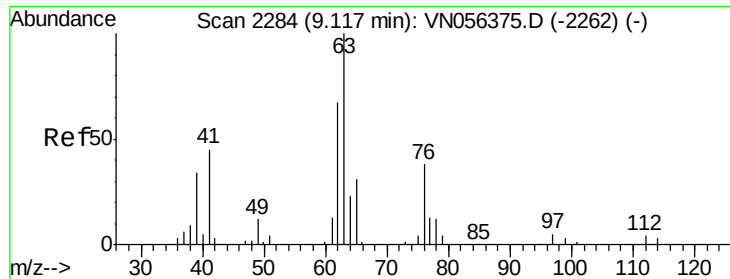
Tot Ion: 41 Resp: 630
Ion Ratio Lower Upper
41 100
39 28.7 55.3 82.9#
67 0.0 79.2 118.8#
52 0.0 31.4 47.0#



#43
Isopropyl Acetate
Concen: 1.732 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN056451.D
Acq: 24 Jun 2019 13:25

Tgt Ion: 43 Resp: 14357
Ion Ratio Lower Upper
43 100
61 25.3 22.0 33.0
87 17.2 11.0 16.4#

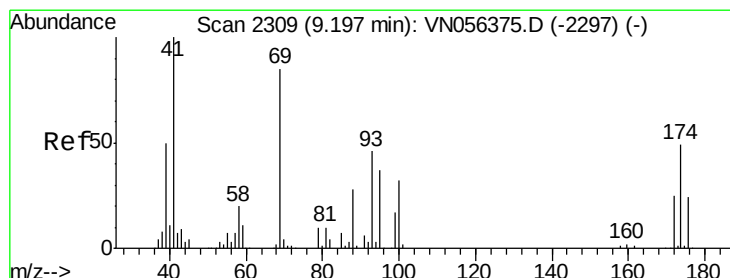
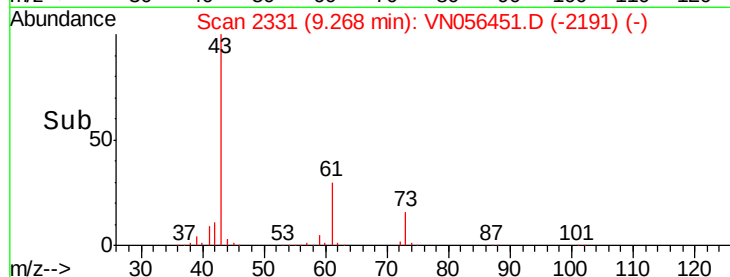
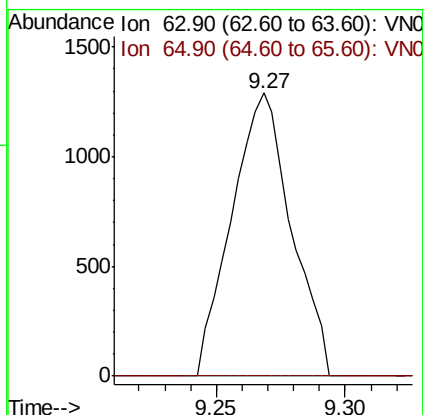
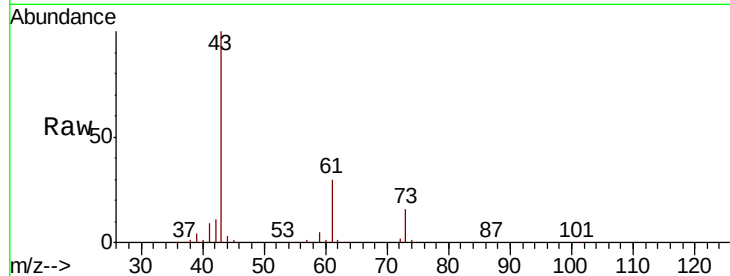




#45
 1,2-Dichloropropane
 Concen: 0.461 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN056451.D
 Acq: 24 Jun 2019 13:25

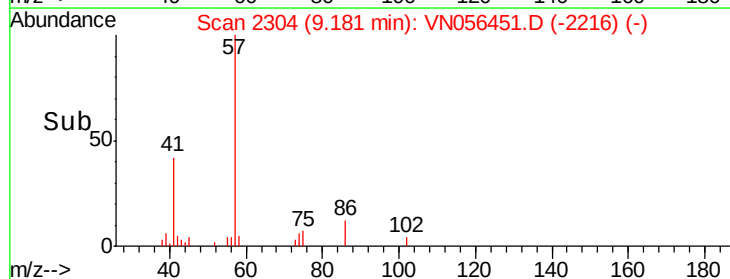
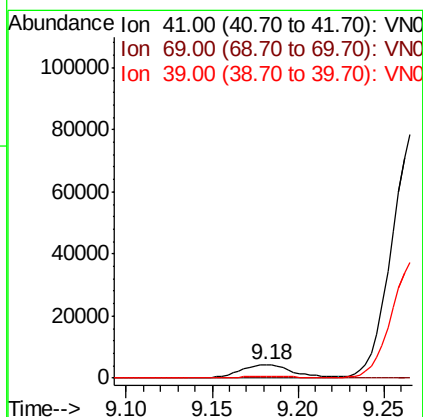
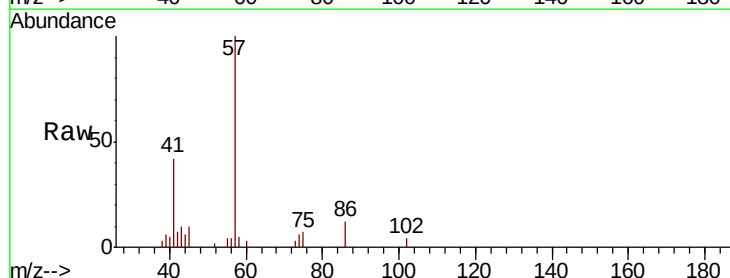
Instrument :
 MSVOA_N
 ClientSampleId :
 PB120834ZHE#06

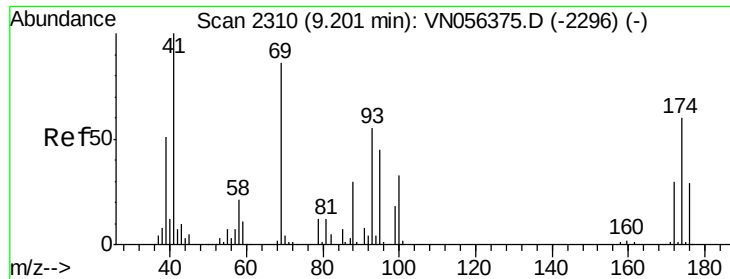
Tot Ion: 63 Resp: 2073
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.6#



#48
 Methyl methacrylate
 Concen: 2.256 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN056451.D
 Acq: 24 Jun 2019 13:25

Tgt Ion: 41 Resp: 9373
 Ion Ratio Lower Upper
 41 100
 69 0.0 72.6 109.0#
 39 0.0 42.6 63.8#





#49

1,4-Dioxane

Concen: 1.114 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.07 min

Lab File: VN056451.D

Acq: 24 Jun 2019 13:25

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#06

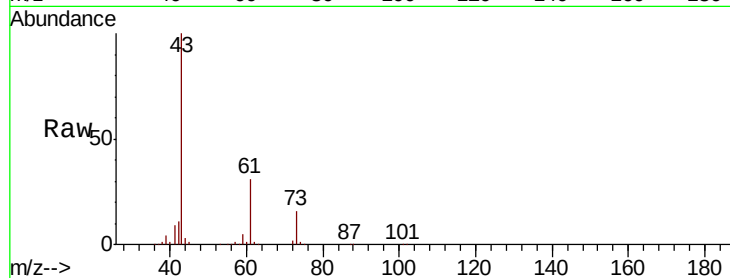
Tot Ion: 88 Resp: 96

Ion Ratio Lower Upper

88 100

43 1745679.2 22.0 33.0#

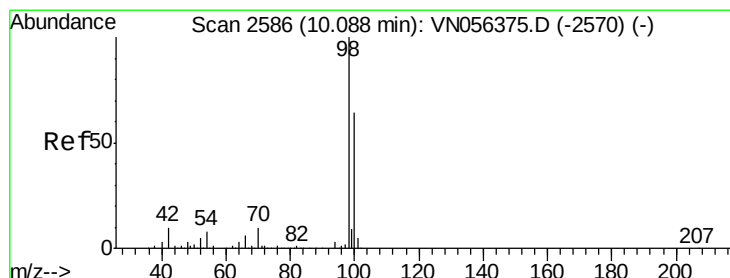
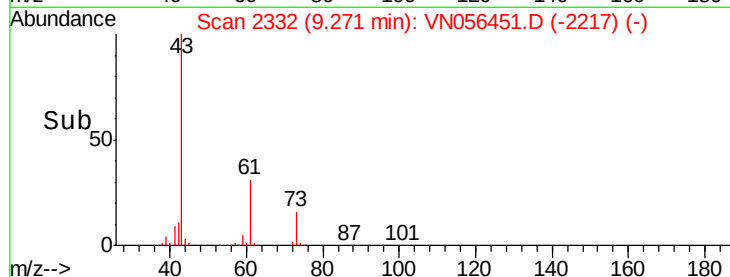
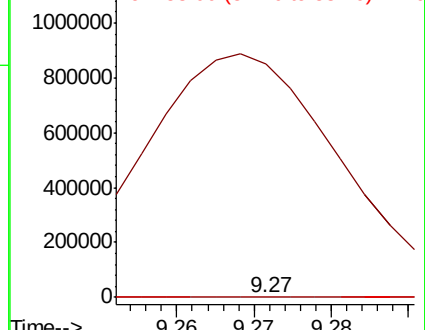
58 7346.9 51.8 77.8#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 51.203 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056451.D

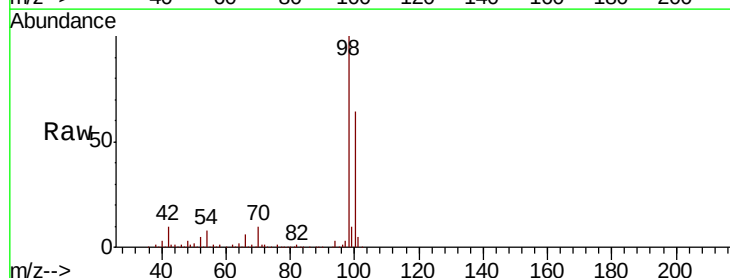
Acq: 24 Jun 2019 13:25

Tgt Ion: 98 Resp: 772487

Ion Ratio Lower Upper

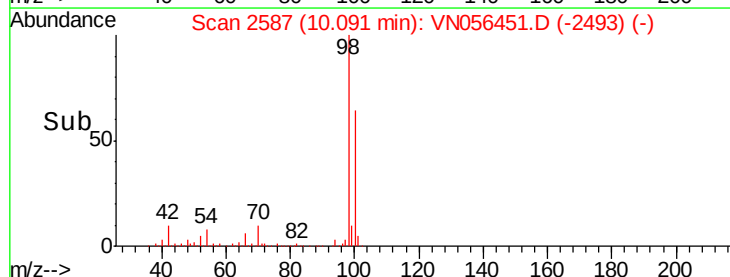
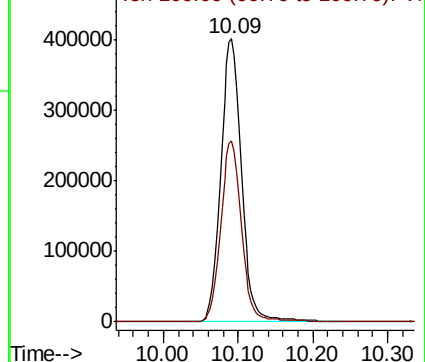
98 100

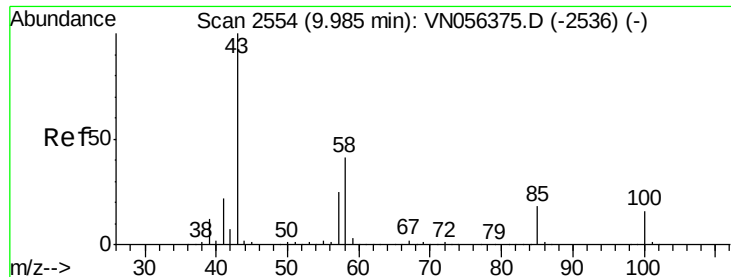
100 63.6 52.2 78.2



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: 0.910 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056451.D

Acq: 24 Jun 2019 13:25

Instrument :

MSVOA_N

ClientSampleId :

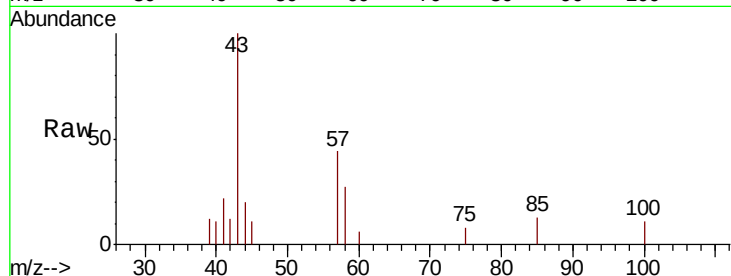
PB120834ZHE#06

Tot Ion: 43 Resp: 4868

Ion Ratio Lower Upper

43 100

58 34.2 31.8 47.8

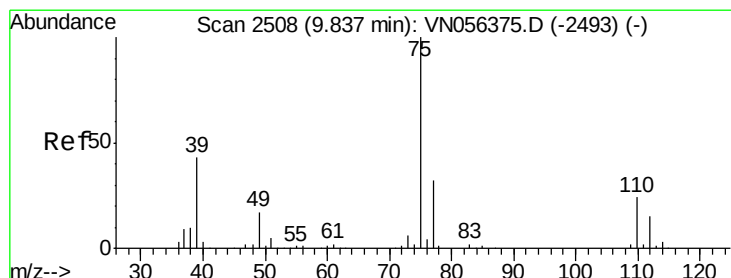
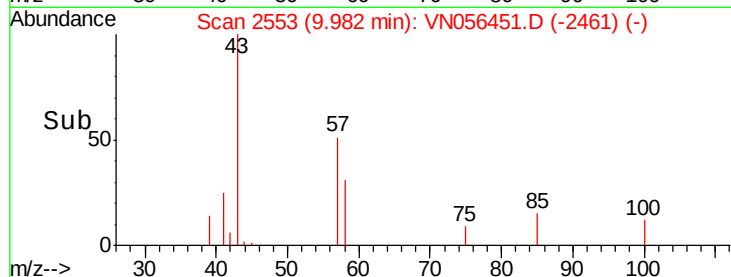


Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-2536) (-)

Ion 58.00 (57.70 to 58.70): VN056375.D (-2536) (-)

Time-->

9.96 9.98 10.00



#54

cis-1,3-Dichloropropene

Concen: 11.228 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056451.D

Acq: 24 Jun 2019 13:25

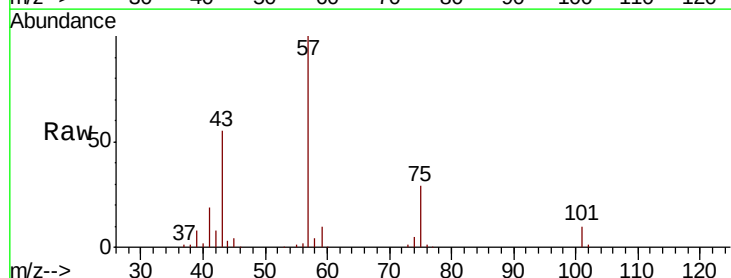
Tgt Ion: 75 Resp: 67516

Ion Ratio Lower Upper

75 100

77 0.6 25.2 37.8#

39 26.9 34.2 51.4#



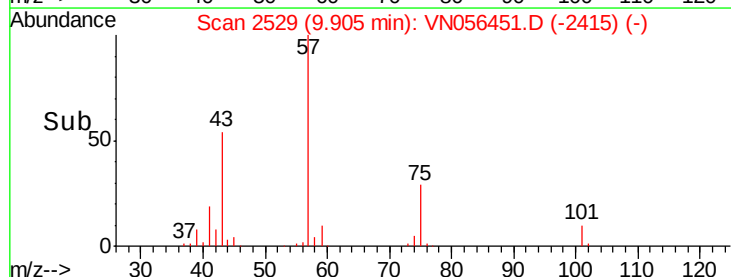
Abundance Ion 74.90 (74.60 to 75.60): VN056375.D (-2493) (-)

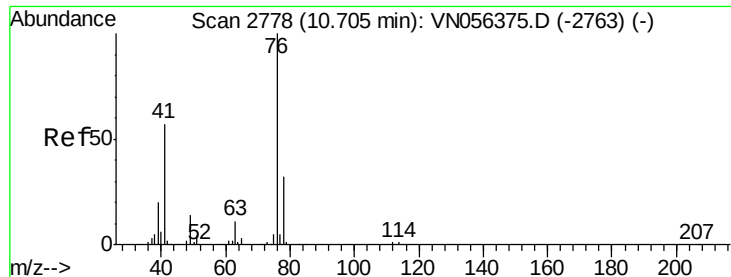
Ion 76.90 (76.60 to 77.60): VN056375.D (-2493) (-)

Ion 39.00 (38.70 to 39.70): VN056375.D (-2493) (-)

Time-->

9.85 9.90 9.95

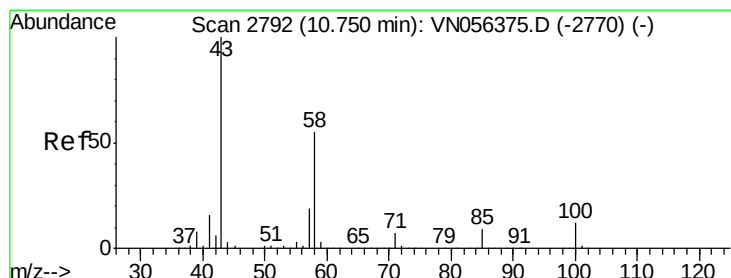
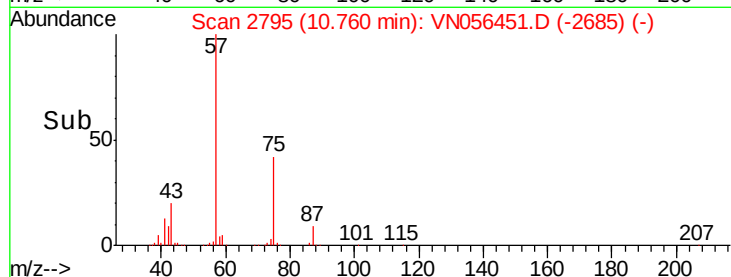
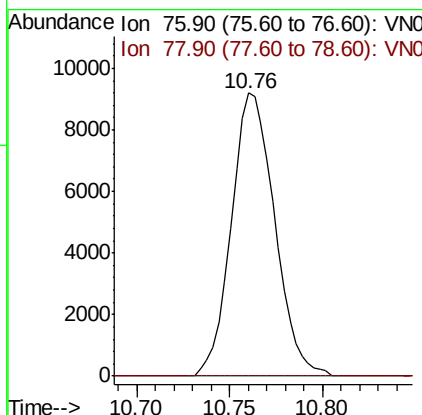
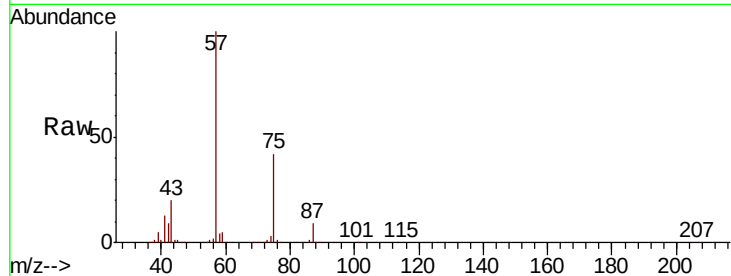




#57
 1,3-Dichloropropane
 Concen: 2.145 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.05 min
 Lab File: VN056451.D
 Acq: 24 Jun 2019 13:25

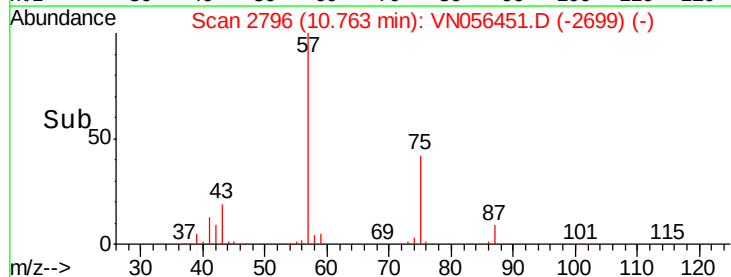
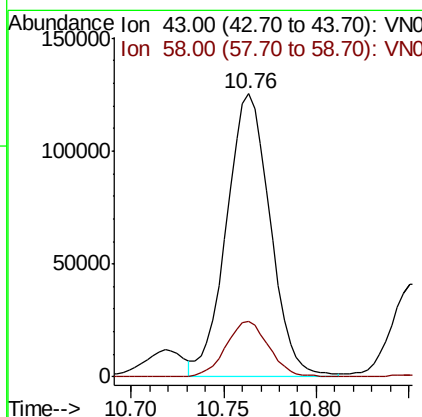
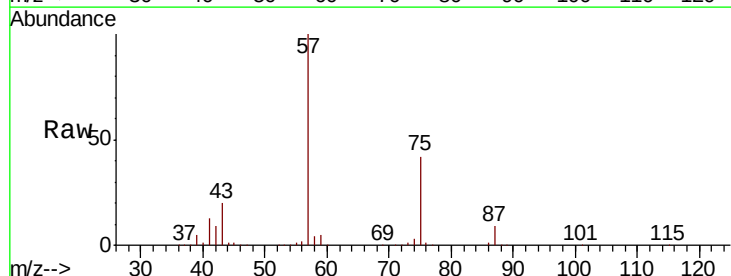
Instrument :
 MSVOA_N
 ClientSampleId :
 PB120834ZHE#06

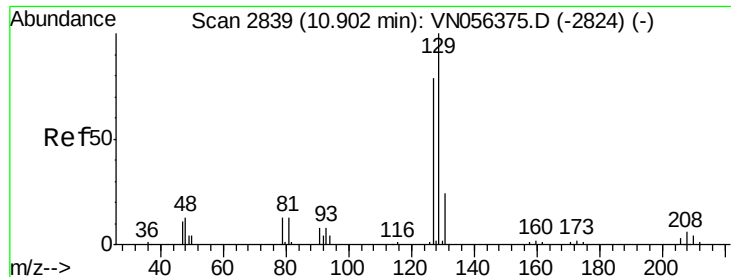
Tot Ion: 76 Resp: 14903
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#



#59
 2-Hexanone
 Concen: 51.769 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN056451.D
 Acq: 24 Jun 2019 13:25

Tgt Ion: 43 Resp: 203578
 Ion Ratio Lower Upper
 43 100
 58 19.6 27.8 83.4#

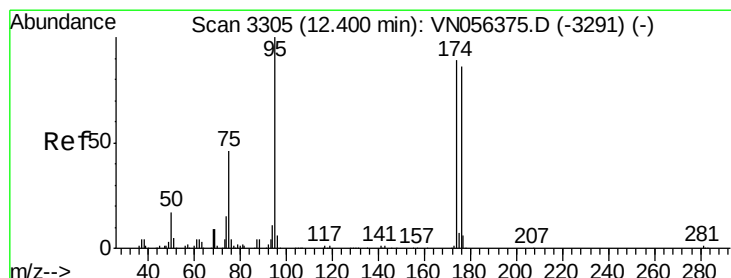
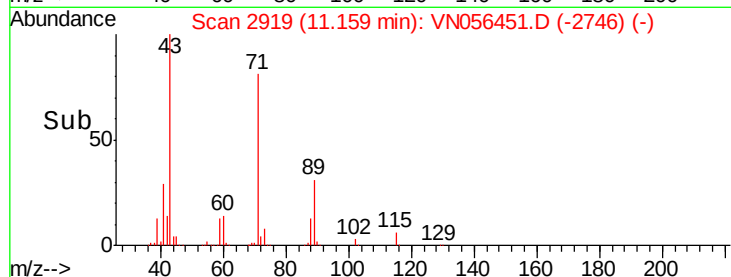
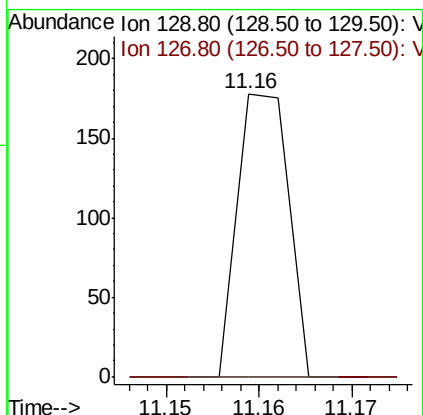
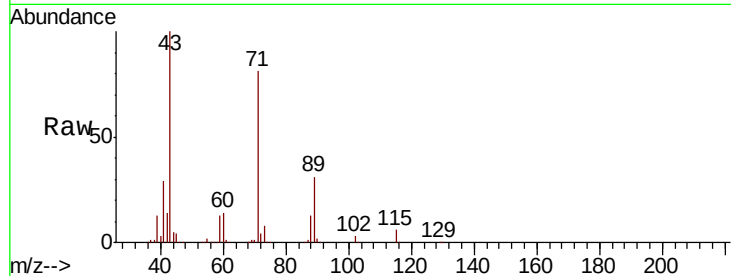




#60
Dibromochloromethane
Concen: 2.397 ug/l
RT: 11.16 min Scan# 2919
Delta R.T. 0.26 min
Lab File: VN056451.D
Acq: 24 Jun 2019 13:25

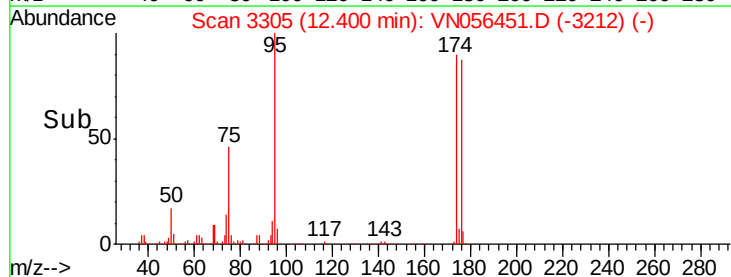
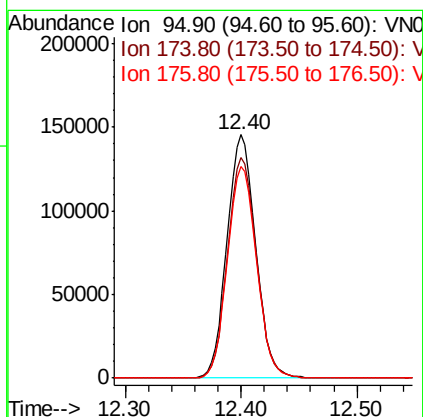
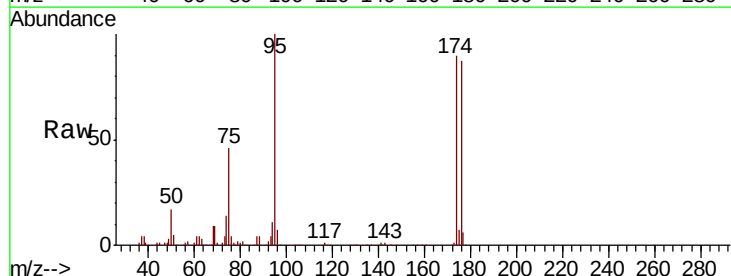
Instrument :
MSVOA_N
ClientSampleId :
PB120834ZHE#06

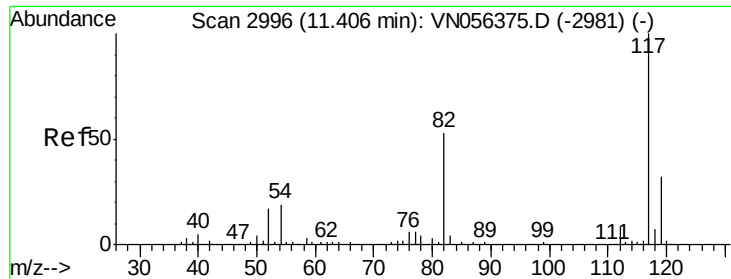
Tot Ion: 129 Resp: 68
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.7#



#62
4-Bromofluorobenzene
Concen: 49.253 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056451.D
Acq: 24 Jun 2019 13:25

Tgt Ion: 95 Resp: 247704
Ion Ratio Lower Upper
95 100
174 91.6 0.0 179.4
176 88.5 0.0 173.4

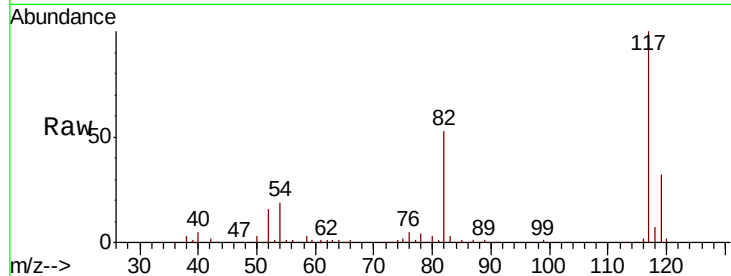




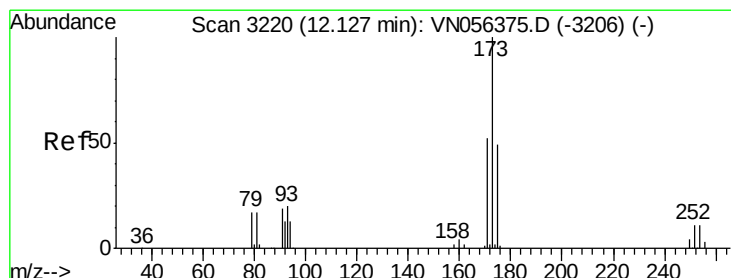
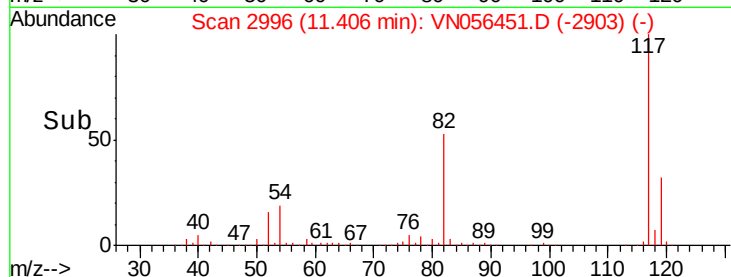
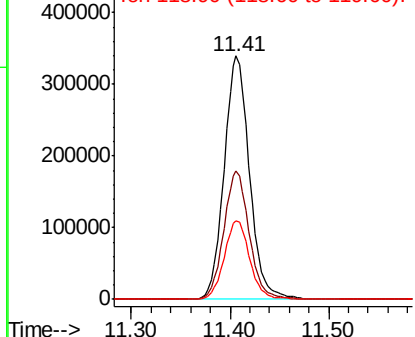
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056451.D
Acq: 24 Jun 2019 13:25

Instrument :
MSVOA_N
ClientSampleId :
PB120834ZHE#06

Tot Ion:117 Resp: 612065
Ion Ratio Lower Upper
117 100
82 52.7 42.0 63.0
119 32.4 25.3 37.9

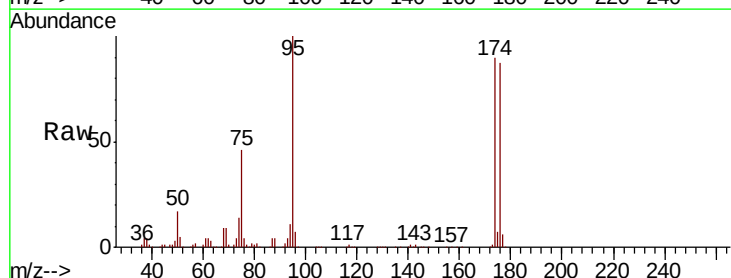


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

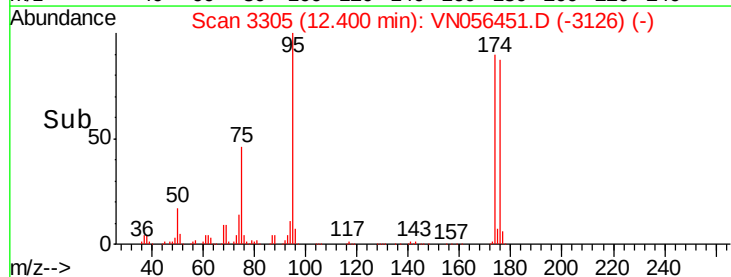
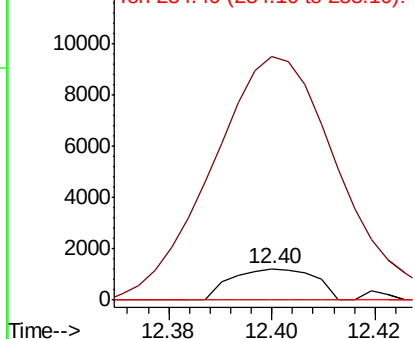


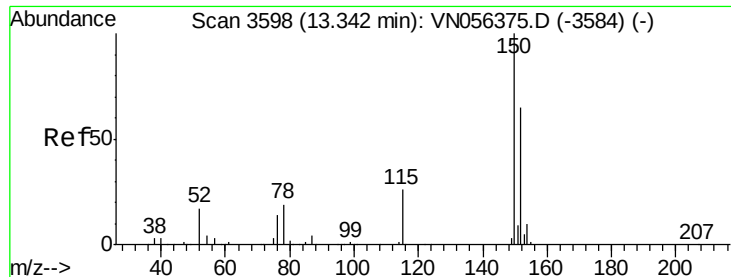
#71
Bromoform
Concen: 3.526 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN056451.D
Acq: 24 Jun 2019 13:25

Tgt Ion:173 Resp: 1371
Ion Ratio Lower Upper
173 100
175 1040.0 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: VN056451.D

Acq: 24 Jun 2019 13:25

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#06

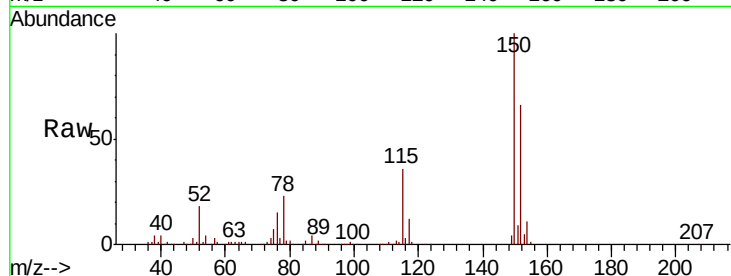
Tot Ion:152 Resp: 179595

Ion Ratio Lower Upper

152 100

115 54.9 28.1 84.4

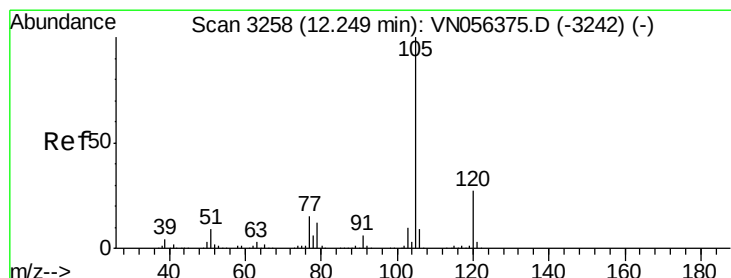
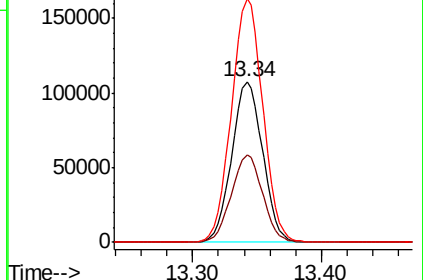
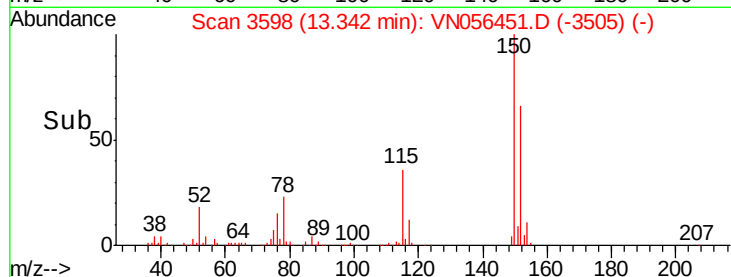
150 153.4 0.0 348.4



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: Below Cal

RT: 12.40 min Scan# 3305

Delta R.T. 0.15 min

Lab File: VN056451.D

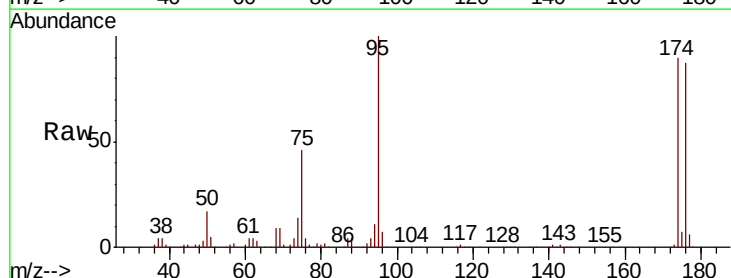
Acq: 24 Jun 2019 13:25

Tgt Ion:105 Resp: 171

Ion Ratio Lower Upper

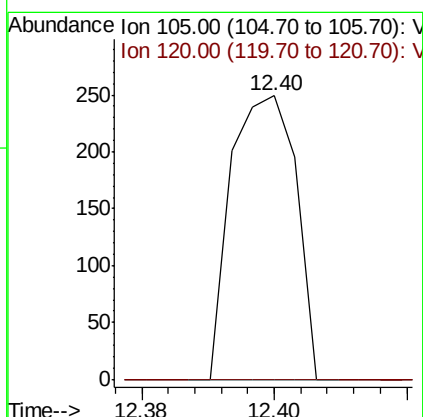
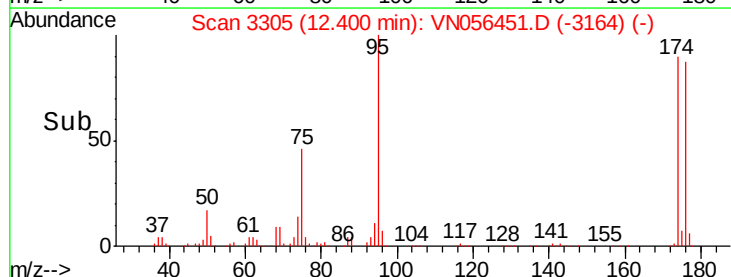
105 100

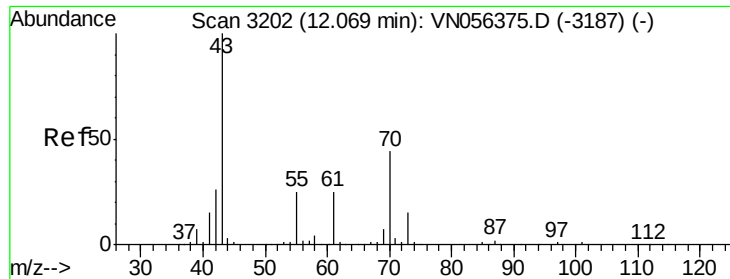
120 0.0 13.4 40.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 3.455 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN056451.D

Acq: 24 Jun 2019 13:25

Instrument :

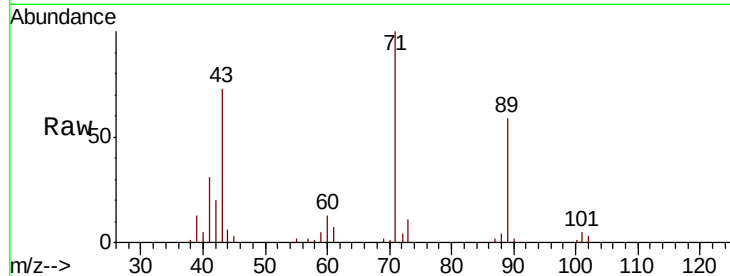
MSVOA_N

ClientSampleId :

PB120834ZHE#06

Tot Ion: 43 Resp: 19750

Ion	Ratio	Lower	Upper
43	100		
70	1.3	34.9	52.3#
55	4.0	20.4	30.6#
61	10.3	19.8	29.8#



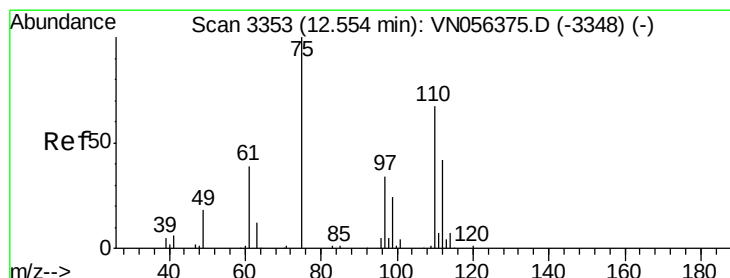
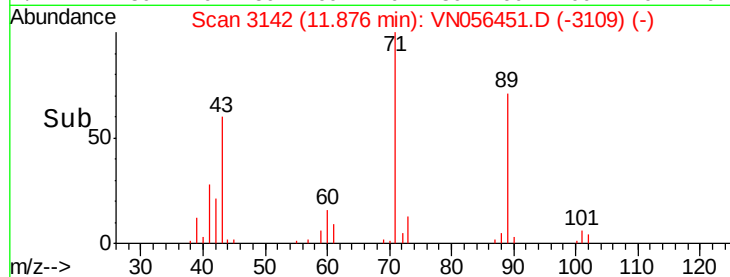
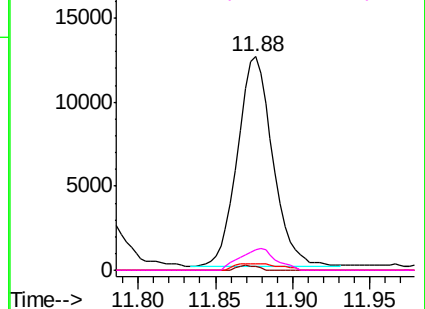
Abundance

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



#76

1,2,3-Trichloropropane

Concen: 31.197 ug/l

RT: 12.40 min Scan# 3305

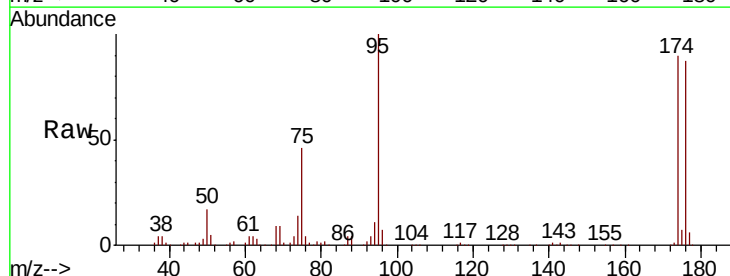
Delta R.T. -0.15 min

Lab File: VN056451.D

Acq: 24 Jun 2019 13:25

Tgt Ion: 75 Resp: 116175

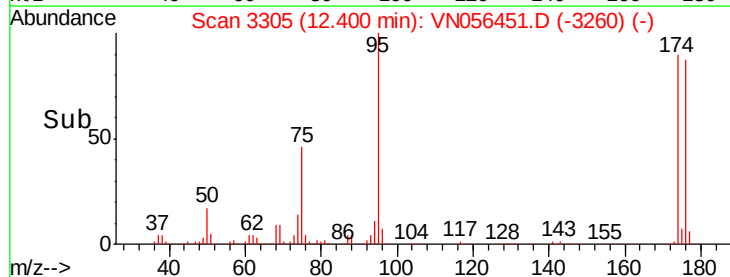
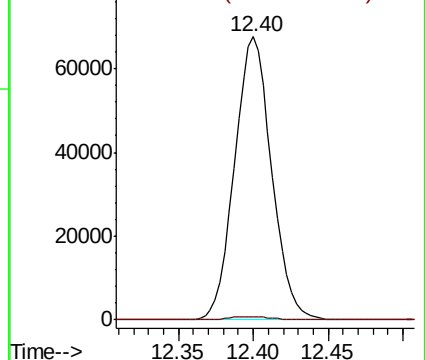
Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

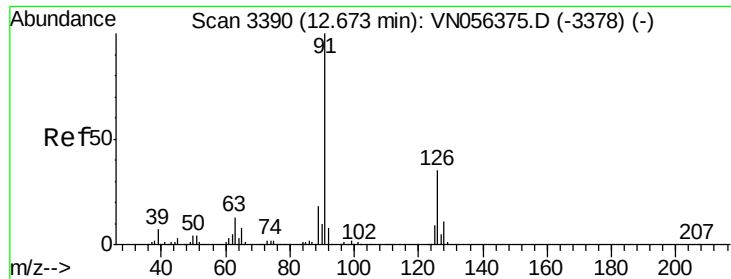


Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.06 min

Lab File: VN056451.D

Acq: 24 Jun 2019 13:25

Instrument :

MSVOA_N

ClientSampleId :

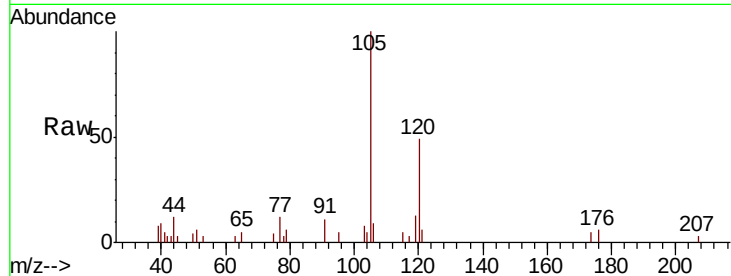
PB120834ZHE#06

Tot Ion: 91 Resp: 886

Ion Ratio Lower Upper

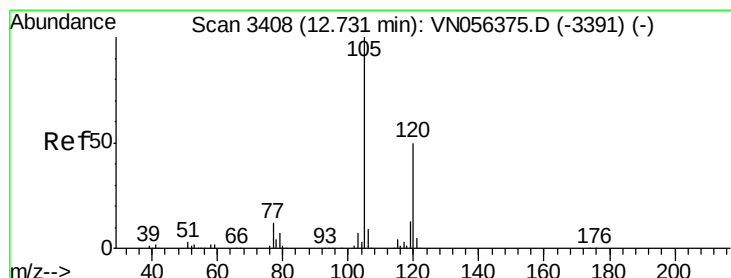
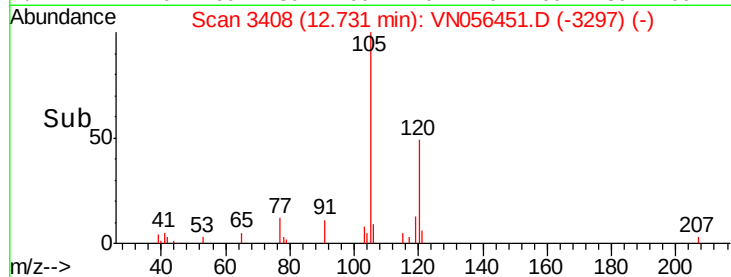
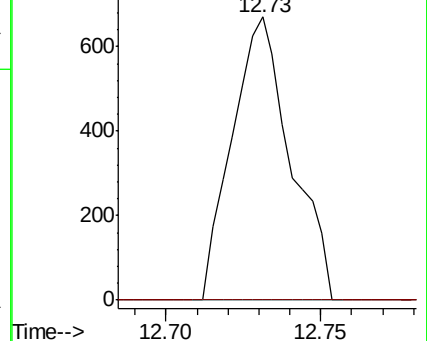
91 100

126 0.0 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VN056375.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN056375.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056451.D

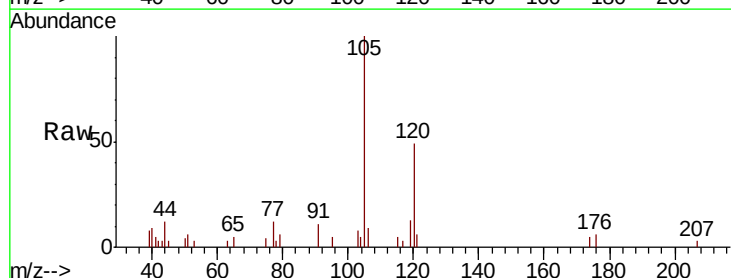
Acq: 24 Jun 2019 13:25

Tgt Ion: 105 Resp: 9601

Ion Ratio Lower Upper

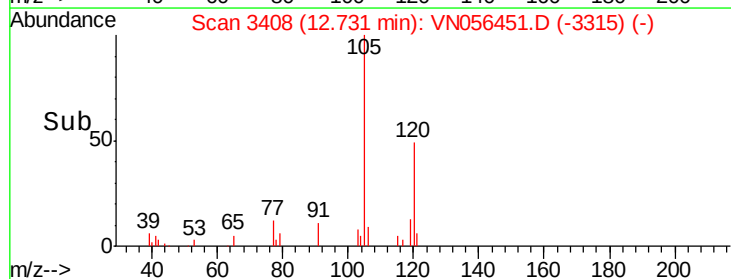
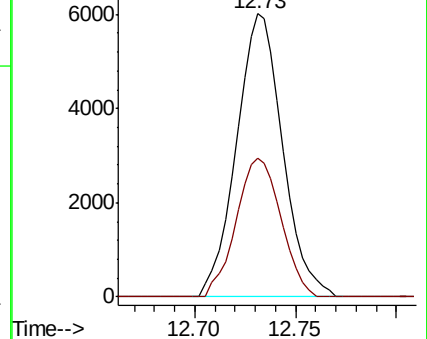
105 100

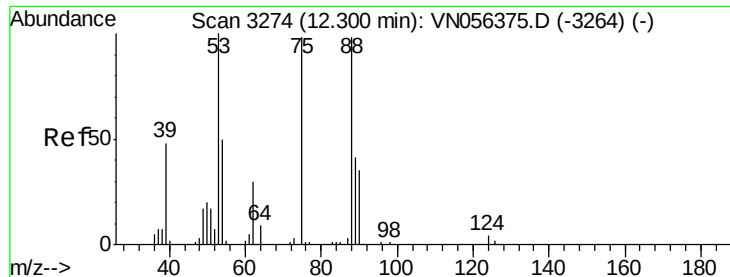
120 47.8 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VN056375.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN056375.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 110.878 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056451.D

Acq: 24 Jun 2019 13:25

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#06

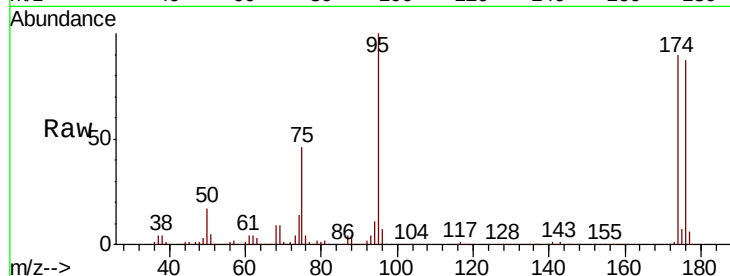
Tot Ion: 75 Resp: 116175

Ion Ratio Lower Upper

75 100

53 0.0 83.9 125.9#

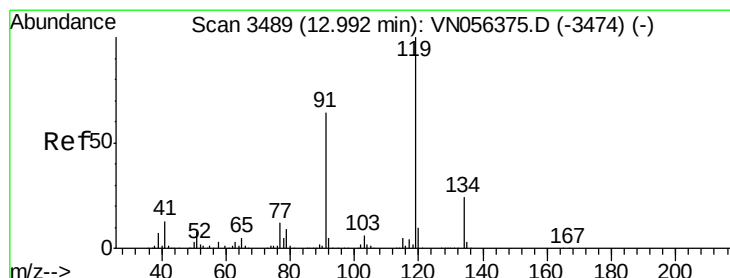
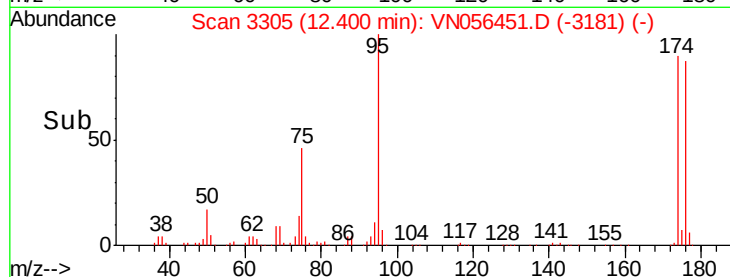
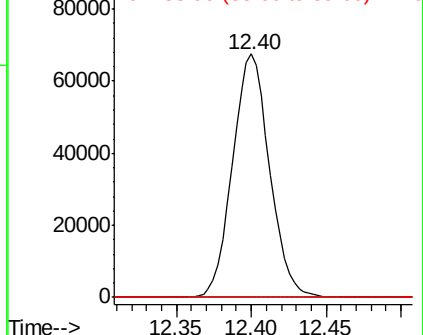
89 0.0 35.0 52.6#



Abundance Ion 74.90 (74.60 to 75.60): VN056375.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN056375.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN056375.D (-3264) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. -0.26 min

Lab File: VN056451.D

Acq: 24 Jun 2019 13:25

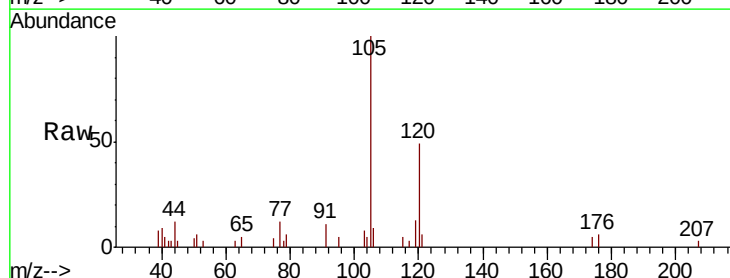
Tgt Ion: 119 Resp: 1221

Ion Ratio Lower Upper

119 100

91 72.6 31.6 94.7

134 0.0 13.2 39.5#



Abundance Ion 119.00 (118.70 to 119.70): VN056375.D (-3474) (-)

Ion 91.00 (90.70 to 91.70): VN056375.D (-3474) (-)

Ion 134.00 (133.70 to 134.70): VN056375.D (-3474) (-)

