

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062019\
 Data File : VN056399.D
 Acq On : 20 Jun 2019 13:52
 Operator : JC/SP
 Sample : K3455-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

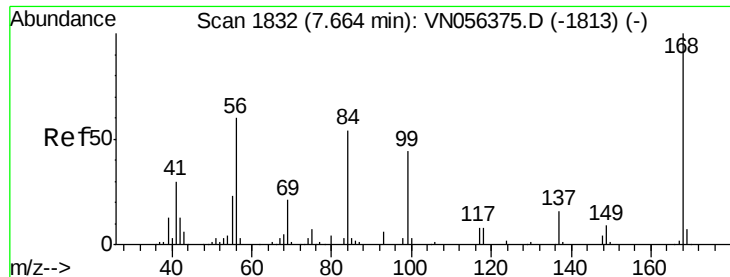
Quant Time: Jun 21 04:26:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	380302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	637739	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	637455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	196148	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	213856	50.74	ug/l	0.00
Spiked Amount			Recovery	=	101.48%	
35) Dibromofluoromethane	7.59	113	185543	46.64	ug/l	0.00
Spiked Amount			Recovery	=	93.28%	
50) Toluene-d8	10.09	98	801649	51.78	ug/l	0.00
Spiked Amount			Recovery	=	103.56%	
62) 4-Bromofluorobenzene	12.40	95	268548	52.04	ug/l	0.00
Spiked Amount			Recovery	=	104.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.41	74	669	0.289	ug/l	65
14) Allyl chloride	4.55	41	4436	0.793	ug/l #	28
16) Acetone	3.82	43	11070	5.242	ug/l	99
18) Methyl Acetate	4.33	43	2102	Below Cal	#	28
20) Methylene Chloride	4.55	84	117280	29.088	ug/l	99
25) 2-Butanone	6.85	43	2854	1.021	ug/l #	49
29) Tetrahydrofuran	7.22	42	1064	0.623	ug/l #	64
30) Chloroform	7.37	83	3407	0.512	ug/l	99
31) Cyclohexane	7.67	56	6214	0.955	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	24584	4.380	ug/l #	49
38) Carbon Tetrachloride	7.66	117	32293	6.579	ug/l #	15
43) Isopropyl Acetate	8.17	43	14145	1.663	ug/l #	88
45) 1,2-Dichloropropane	9.27	63	1941	0.420	ug/l #	43
48) Methyl methacrylate	9.18	41	8336	1.956	ug/l #	12
51) 4-Methyl-2-Pentanone	9.99	43	4663	0.849	ug/l	95
53) t-1,3-Dichloropropene	10.10	75	31	2.896	ug/l	91
54) cis-1,3-Dichloropropene	9.91	75	54582	8.846	ug/l #	64
57) 1,3-Dichloropropane	10.76	76	10702	1.501	ug/l #	42
59) 2-Hexanone	10.76	43	142488	35.312	ug/l #	51
60) Dibromochloromethane	10.63	129	351	2.458	ug/l #	10
71) Bromoform	12.40	173	1716	3.603	ug/l #	1
73) Isopropylbenzene	12.25	105	268	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	123025	30.248	ug/l #	100
79) 2-Chlorotoluene	12.68	91	212	Below Cal	#	40
80) 1,3,5-Trimethylbenzene	12.74	105	3271	Below Cal		97
81) trans-1,4-Dichloro-2-buten	12.40	75	123025	107.507	ug/l #	8
83) tert-Butylbenzene	13.04	119	558	Below Cal	#	53
84) 1,2,4-Trimethylbenzene	13.04	105	5319	0.403	ug/l	92
93) 1,2,4-Trichlorobenzene	14.91	180	140	5.650	ug/l #	30
95) Naphthalene	15.14	128	6611	5.904	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	30	4.489	ug/l #	12

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056399.D

Acq: 20 Jun 2019 13:52

Instrument :

MSVOA_N

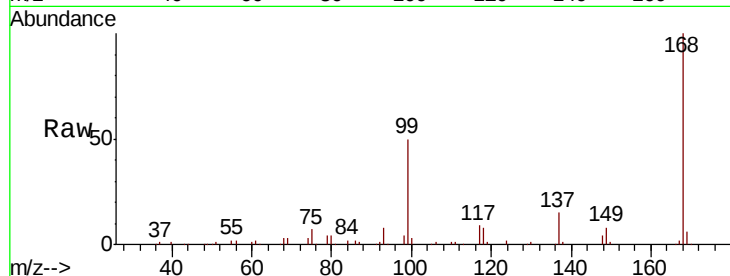
ClientSampleId :

Tot Ion:168 Resp: 380302

Ion Ratio Lower Upper

168 100

99 50.3 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

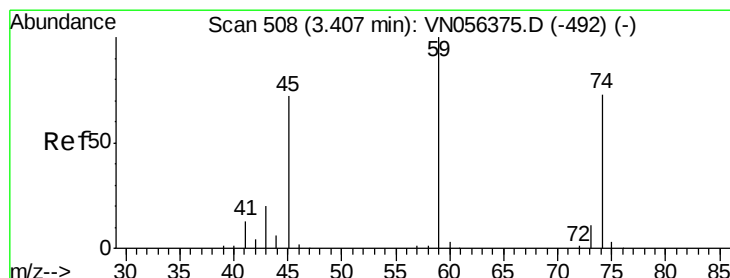
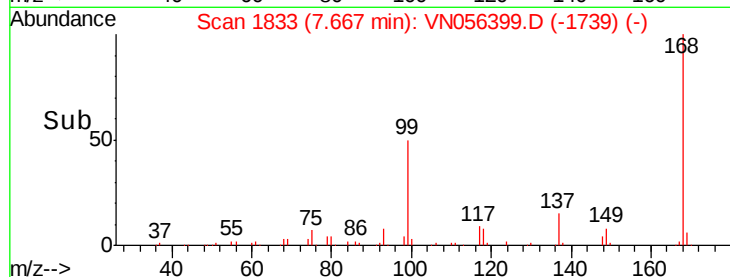
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 0.289 ug/l

RT: 3.41 min Scan# 510

Delta R.T. 0.01 min

Lab File: VN056399.D

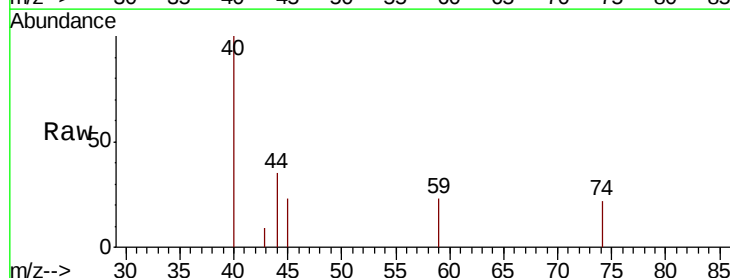
Acq: 20 Jun 2019 13:52

Tgt Ion: 74 Resp: 669

Ion Ratio Lower Upper

74 100

45 132.6 48.9 146.6



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

3.41

500

400

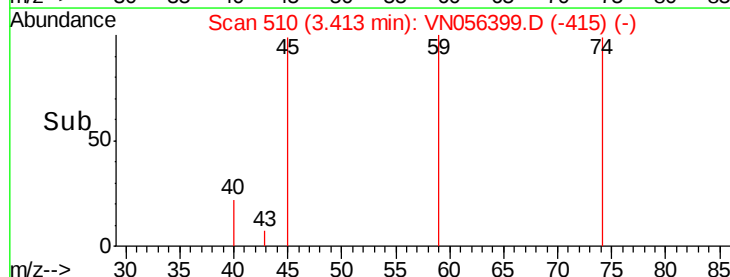
300

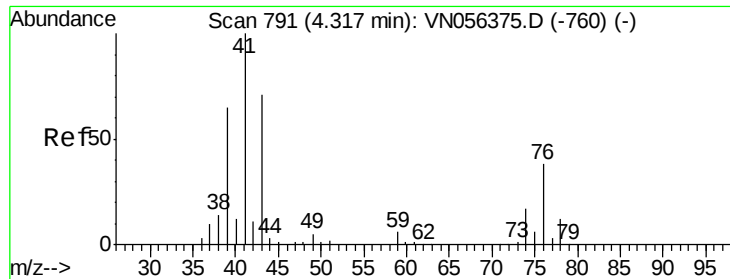
200

100

0

Time-->





#14

Allvl chloride

Concen: 0.793 ug/l

RT: 4.55 min Scan# 863

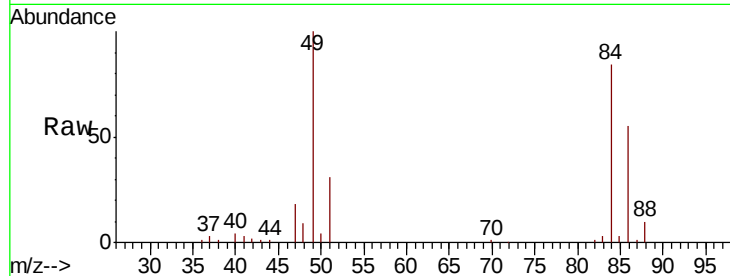
Delta R.T. 0.23 min

Lab File: VN056399.D

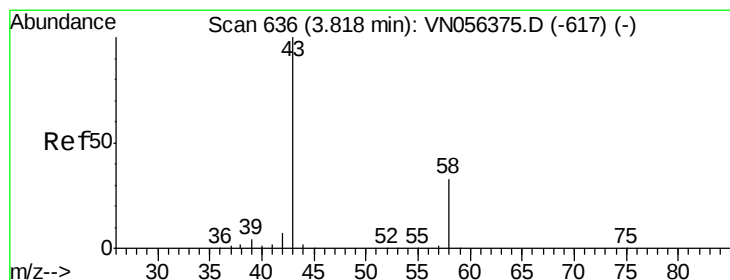
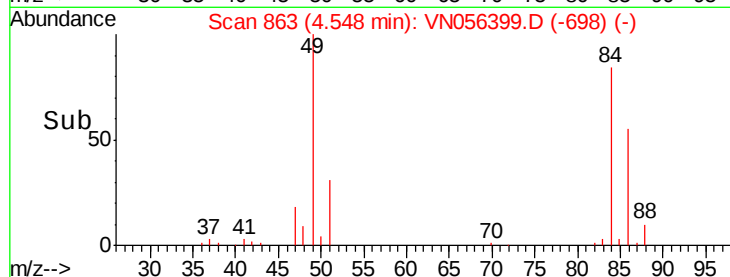
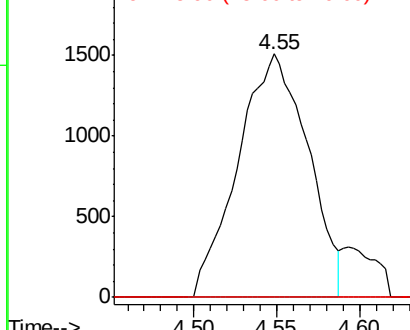
Acq: 20 Jun 2019 13:52

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	4436
Ion	Ratio	Lower	Upper
41	100		
39	0.0	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



#16

Acetone

Concen: 5.242 ug/l

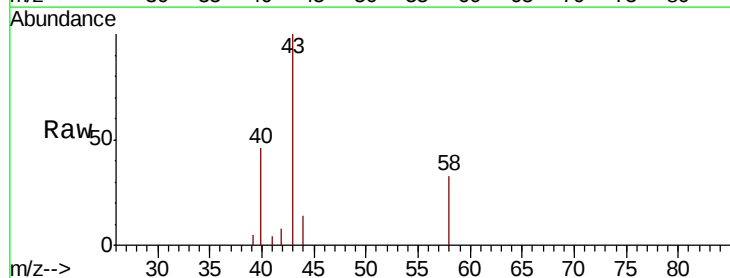
RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

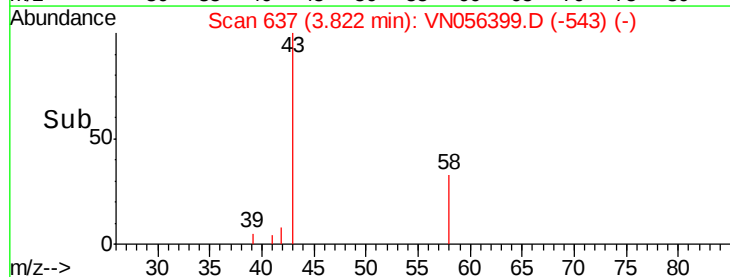
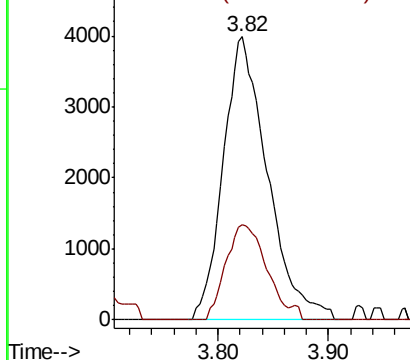
Lab File: VN056399.D

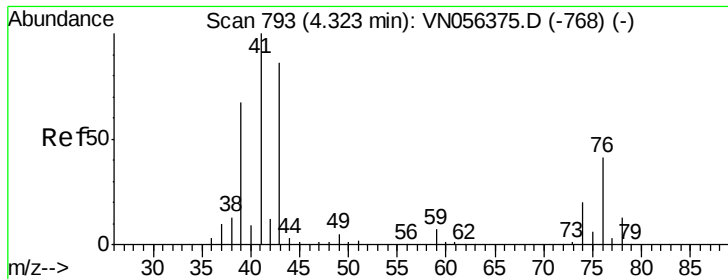
Acq: 20 Jun 2019 13:52

Tgt Ion:	43	Resp:	11070
Ion	Ratio	Lower	Upper
43	100		
58	33.5	26.4	39.6



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

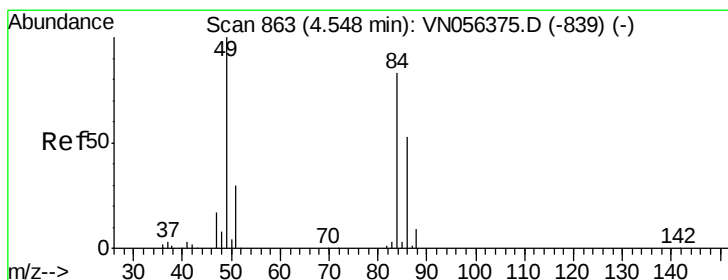
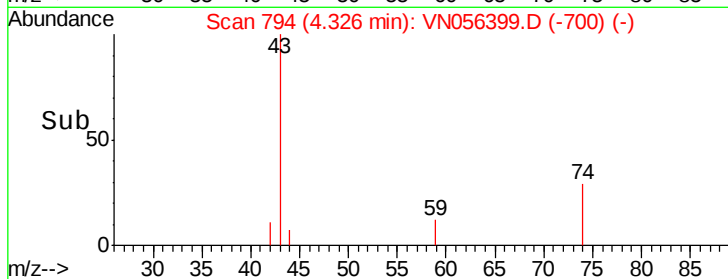
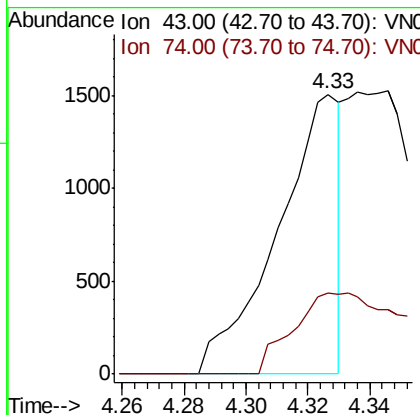
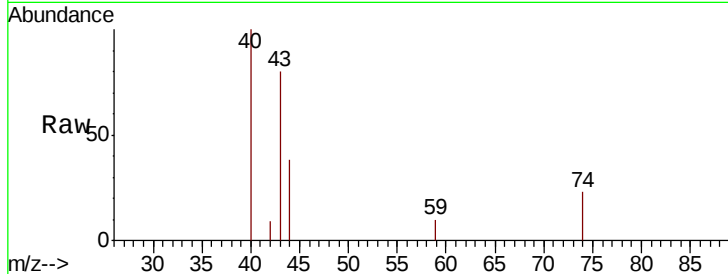




#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056399.D
Acq: 20 Jun 2019 13:52

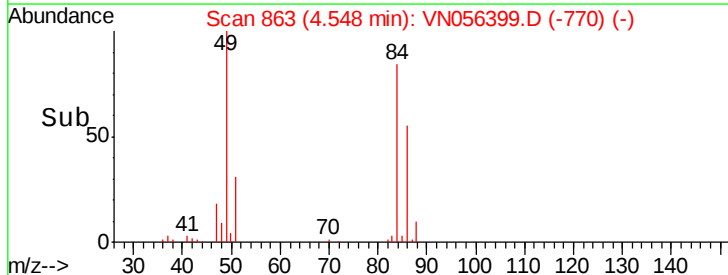
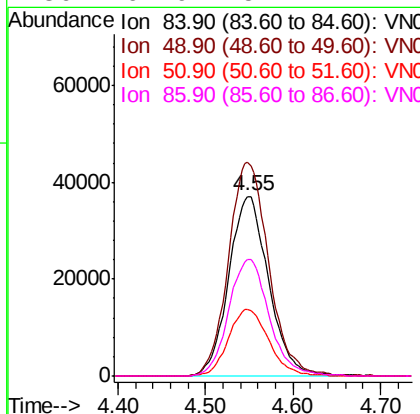
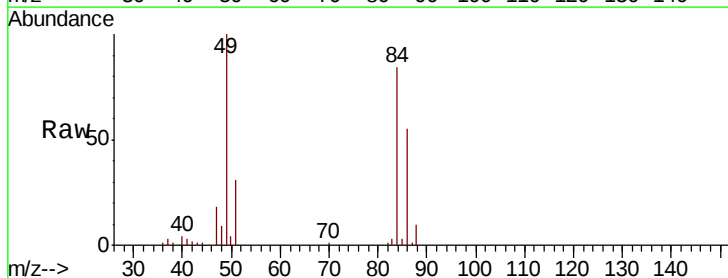
Instrument :
MSVOA_N
ClientSampleId :

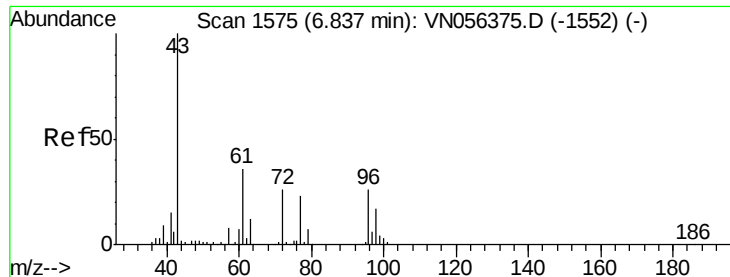
Tot Ion: 43 Resp: 2102
Ion Ratio Lower Upper
43 100
74 59.7 19.2 28.8#



#20
Methylene Chloride
Concen: 29.088 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056399.D
Acq: 20 Jun 2019 13:52

Tgt Ion: 84 Resp: 117280
Ion Ratio Lower Upper
84 100
49 118.9 96.4 144.6
51 37.1 28.6 43.0
86 64.9 51.4 77.2

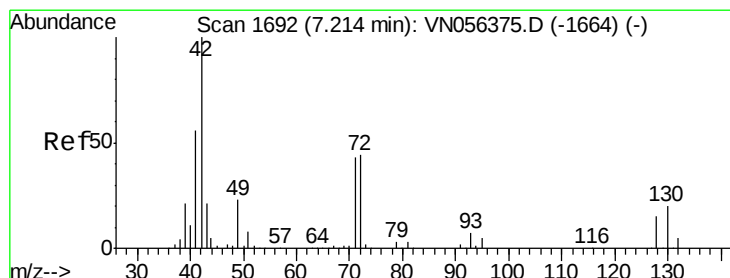
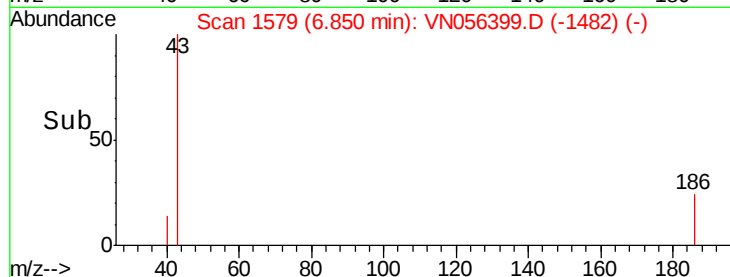
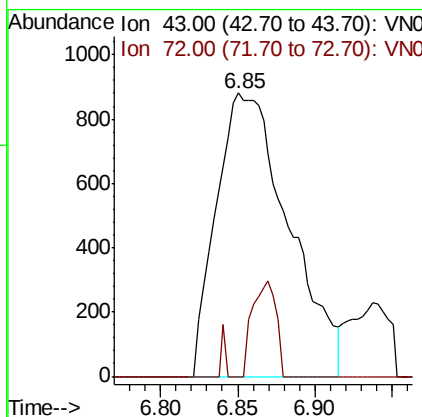
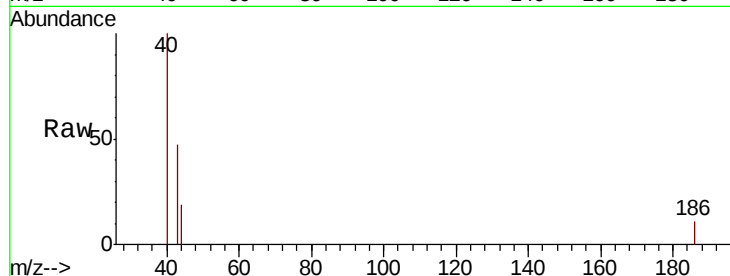




#25
2-Butanone
Concen: 1.021 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN056399.D
Acq: 20 Jun 2019 13:52

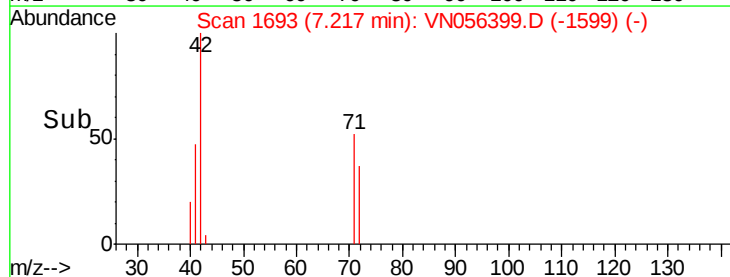
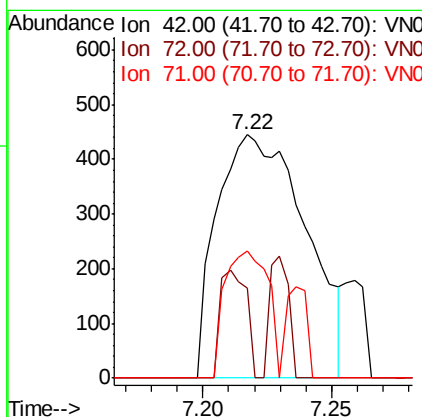
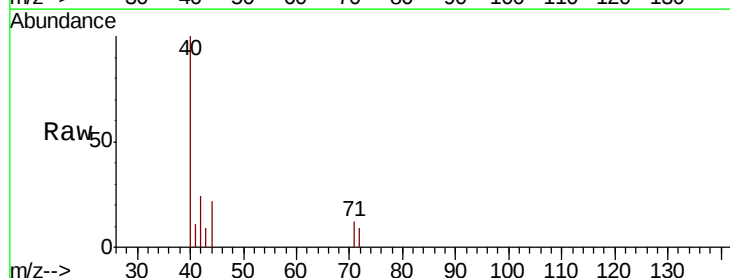
Instrument :
MSVOA_N
ClientSampled :

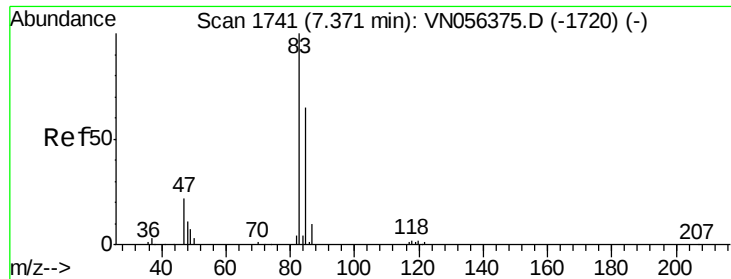
Tot Ion: 43 Resp: 2854
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#



#29
Tetrahydrofuran
Concen: 0.623 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056399.D
Acq: 20 Jun 2019 13:52

Tgt Ion: 42 Resp: 1064
Ion Ratio Lower Upper
42 100
72 13.1 34.7 52.1#
71 25.5 33.0 49.6#

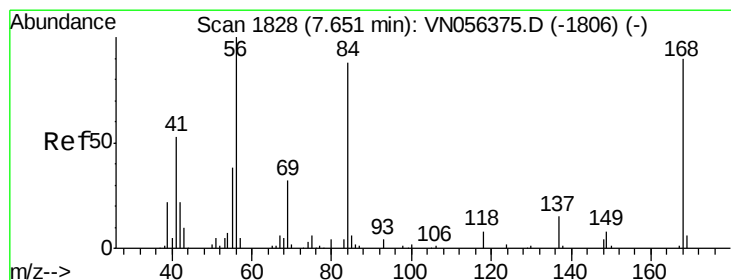
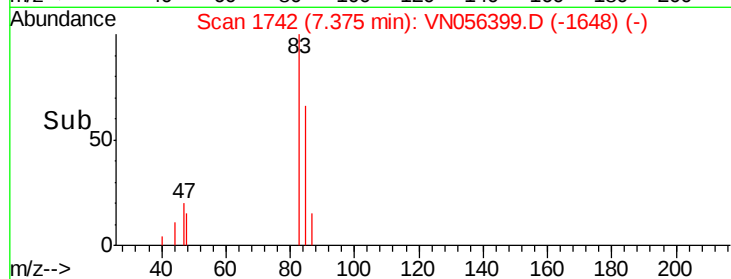
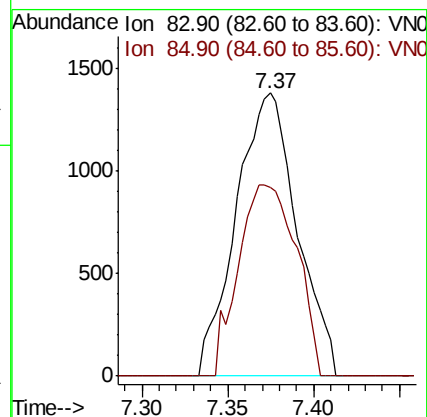
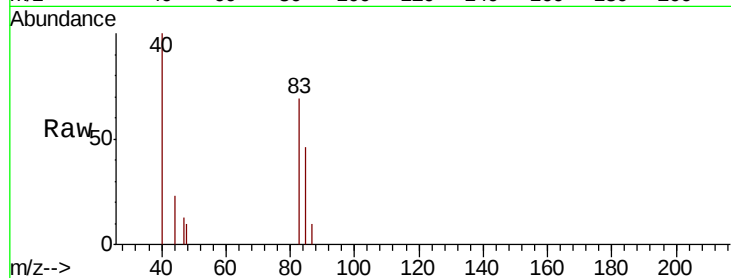




#30
Chloroform
Concen: 0.512 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN056399.D
Acq: 20 Jun 2019 13:52

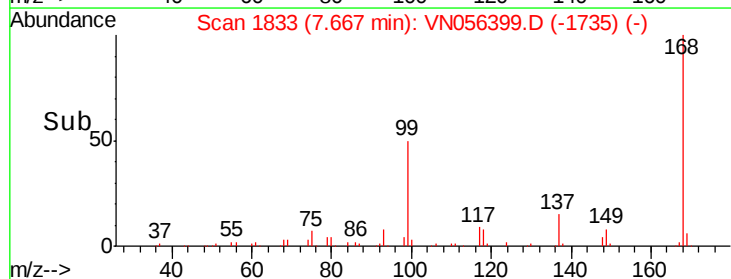
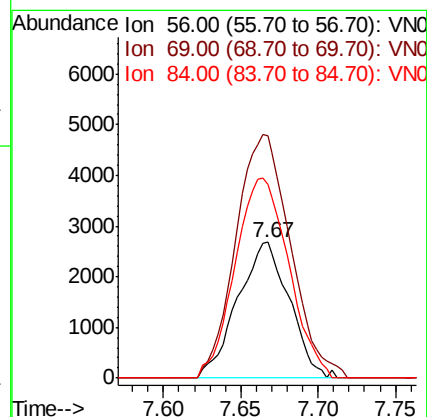
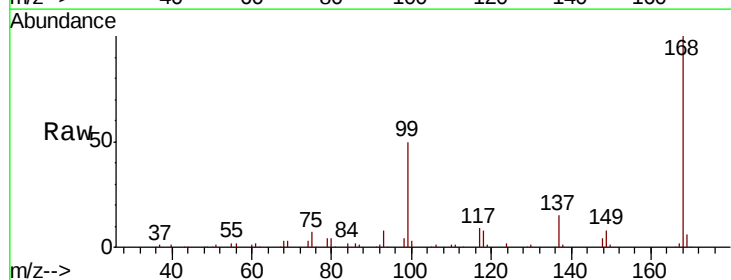
Instrument :
MSVOA_N
ClientSampleId :

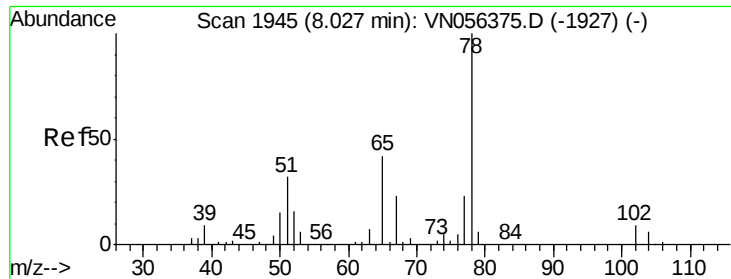
Tot Ion: 83 Resp: 3407
Ion Ratio Lower Upper
83 100
85 66.5 52.3 78.5



#31
Cyclohexane
Concen: 0.955 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN056399.D
Acq: 20 Jun 2019 13:52

Tgt Ion: 56 Resp: 6214
Ion Ratio Lower Upper
56 100
69 178.5 25.8 38.6#
84 143.1 69.4 104.0#





#33

1,2-Dichloroethane-d4

Concen: 50.738 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056399.D

Acq: 20 Jun 2019 13:52

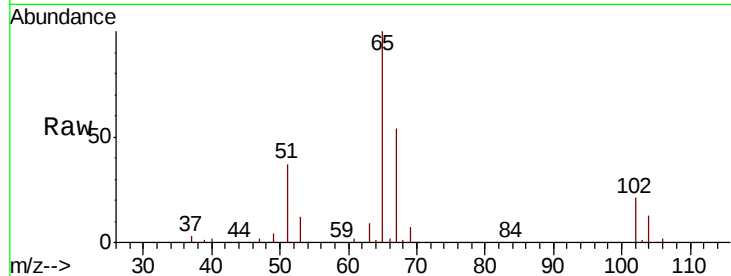
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 213856

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN056375.D (-1927) (-)

Ion 66.90 (66.60 to 67.60): VN056375.D (-1927) (-)

8.03

100000

80000

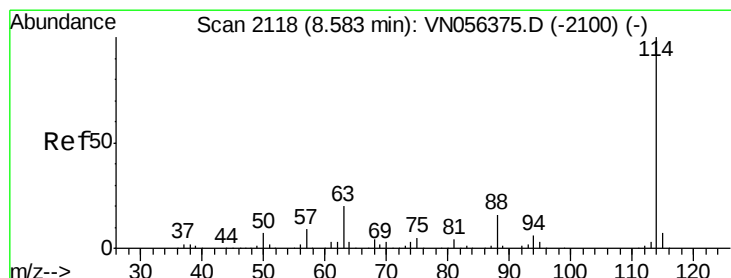
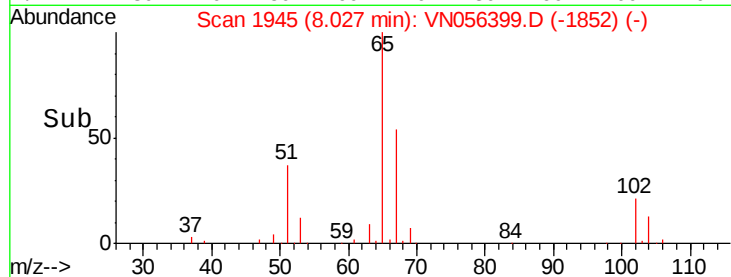
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056399.D

Acq: 20 Jun 2019 13:52

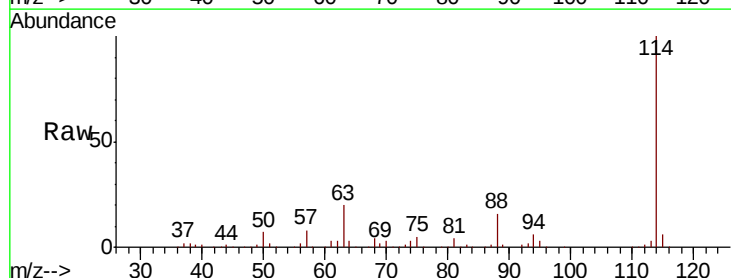
Tgt Ion: 114 Resp: 637739

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): VN056375.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN056375.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN056375.D (-2100) (-)

8.59

400000

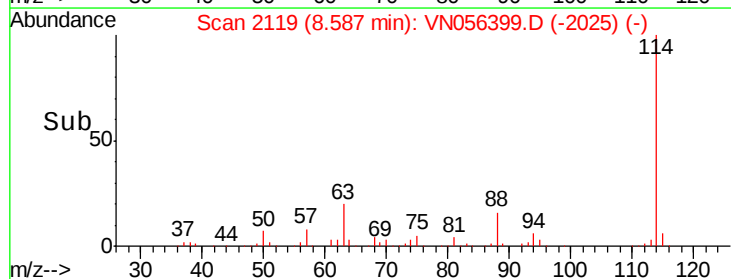
300000

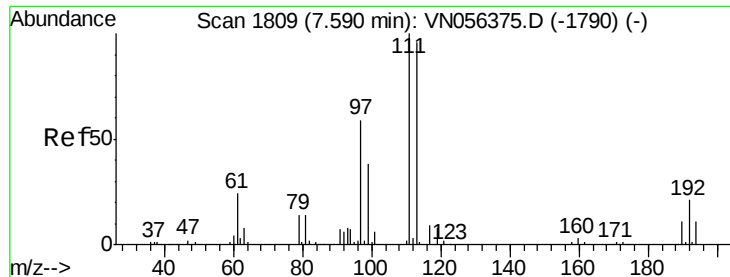
200000

100000

0

Time-->

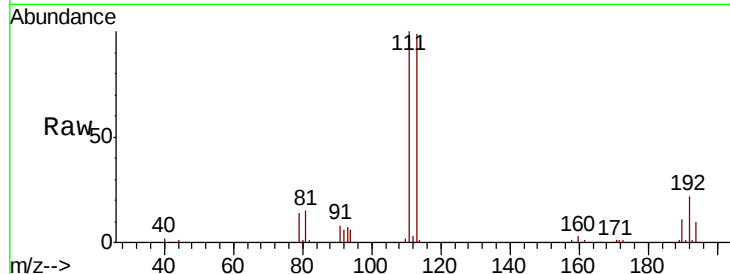




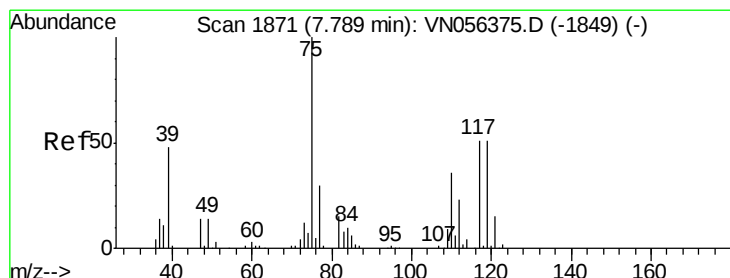
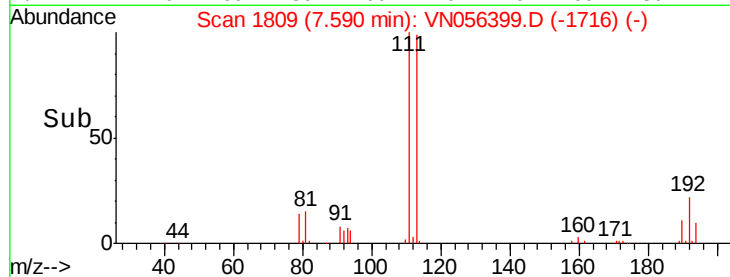
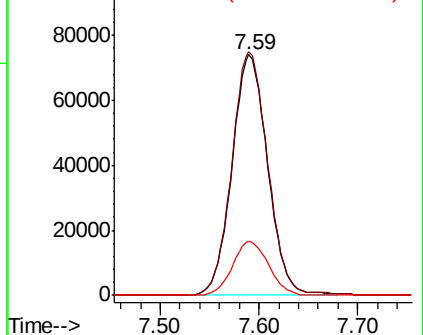
#35
 Dibromofluoromethane
 Concen: 46.637 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056399.D
 Acq: 20 Jun 2019 13:52

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.9	124.3
192	22.6	17.7	26.5

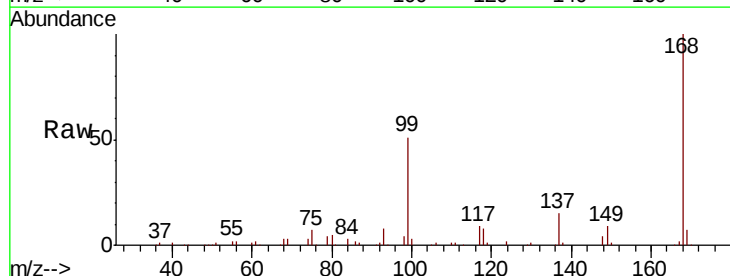


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

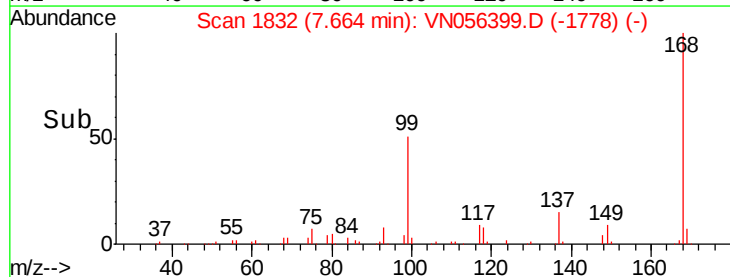
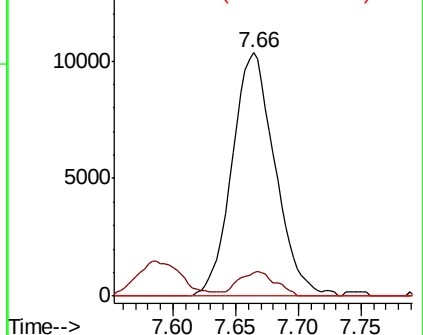


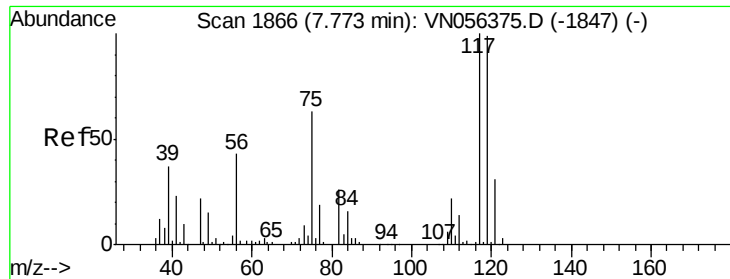
#36
 1,1-Dichloropropene
 Concen: 4.380 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056399.D
 Acq: 20 Jun 2019 13:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.3#
77	0.0	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

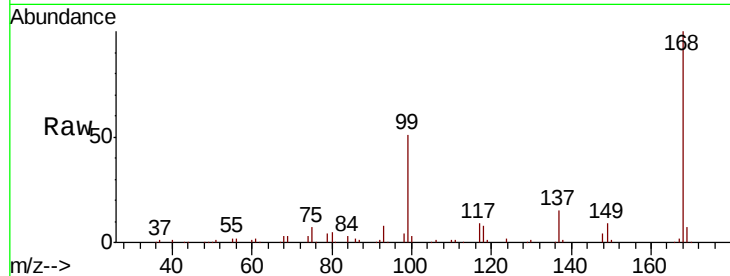




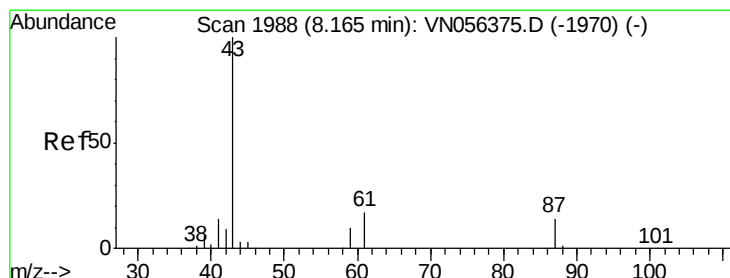
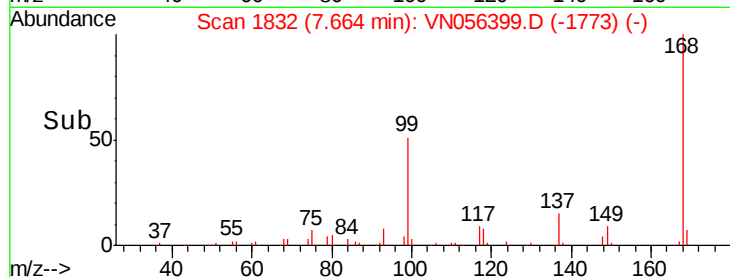
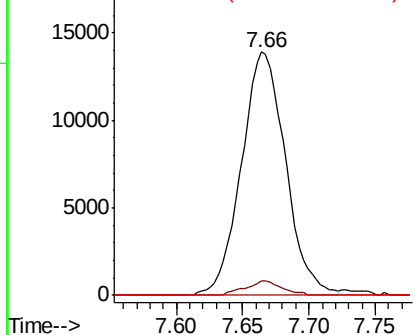
#38
Carbon Tetrachloride
Concen: 6.579 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN056399.D
Acq: 20 Jun 2019 13:52

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 32293
Ion Ratio Lower Upper
117 100
119 5.8 79.1 118.7#
121 0.0 24.8 37.2#

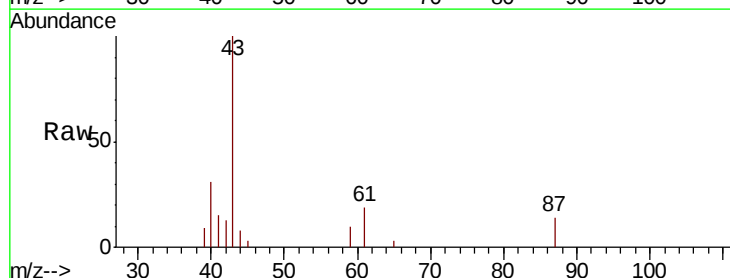


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

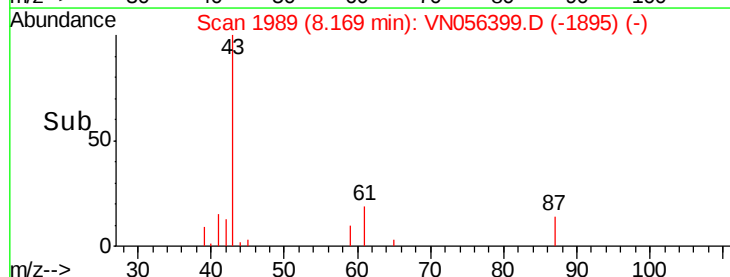
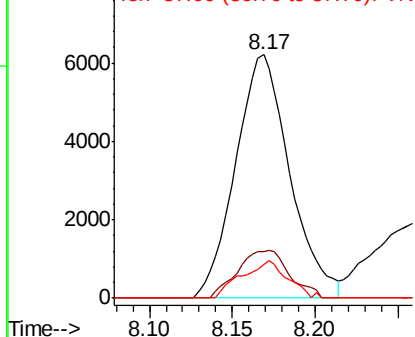


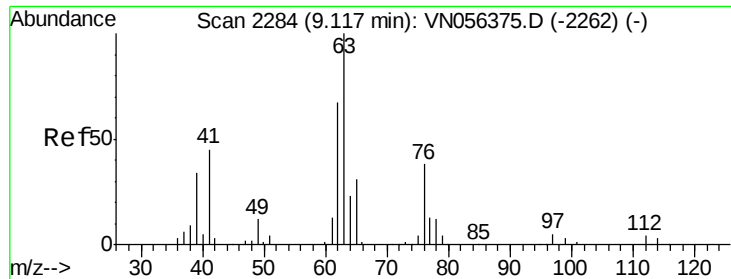
#43
Isopropyl Acetate
Concen: 1.663 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN056399.D
Acq: 20 Jun 2019 13:52

Tgt Ion: 43 Resp: 14145
Ion Ratio Lower Upper
43 100
61 18.8 22.0 33.0#
87 13.0 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 61.00 (60.70 to 61.70): V
Ion 87.00 (86.70 to 87.70): V

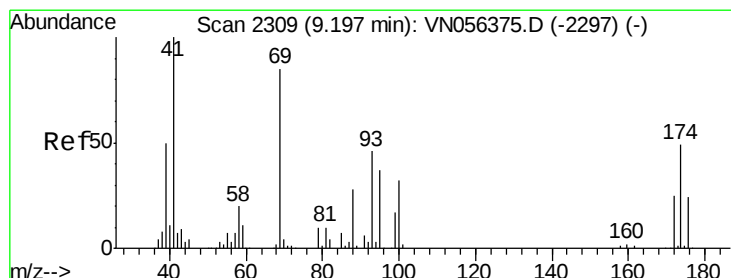
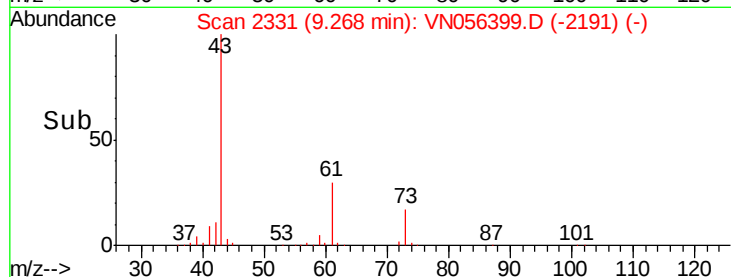
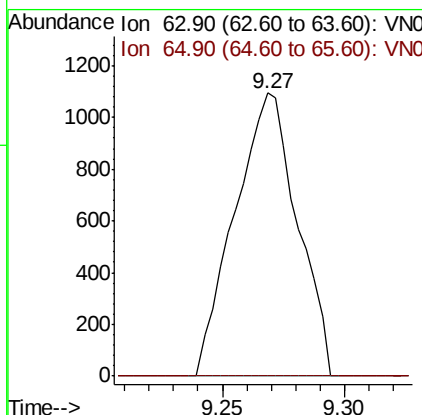
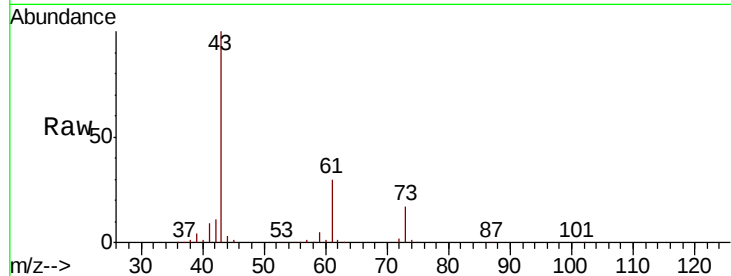




#45
 1,2-Dichloropropane
 Concen: 0.420 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN056399.D
 Acq: 20 Jun 2019 13:52

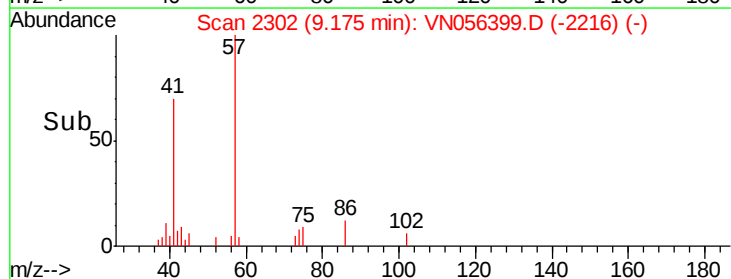
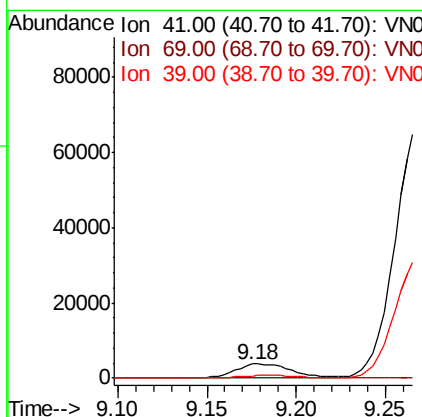
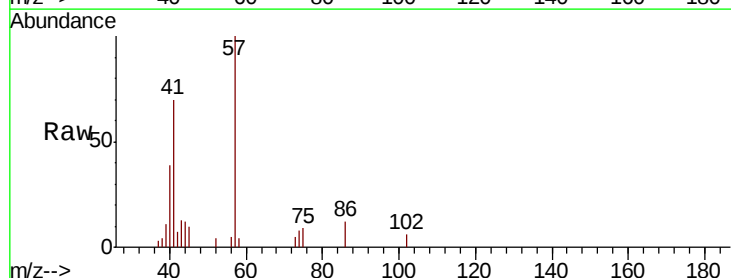
Instrument :
 MSVOA_N
 ClientSampleId :

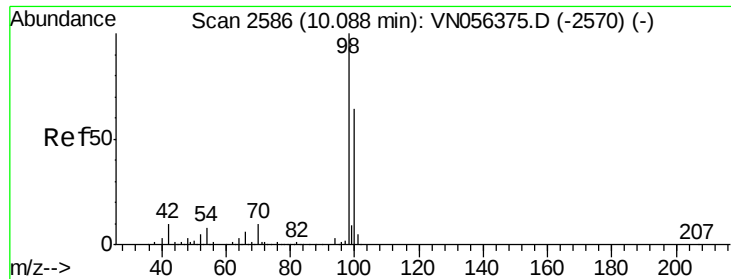
Tot Ion: 63 Resp: 1941
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.6#



#48
 Methyl methacrylate
 Concen: 1.956 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.02 min
 Lab File: VN056399.D
 Acq: 20 Jun 2019 13:52

Tgt Ion: 41 Resp: 8336
 Ion Ratio Lower Upper
 41 100
 69 0.0 72.6 109.0#
 39 0.0 42.6 63.8#





#50

Toluene-d8

Concen: 51.785 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056399.D

Acq: 20 Jun 2019 13:52

Instrument :

MSVOA_N

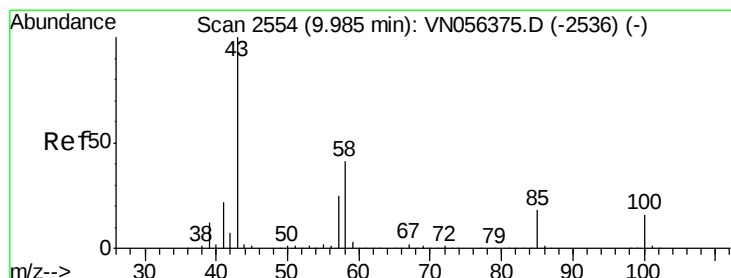
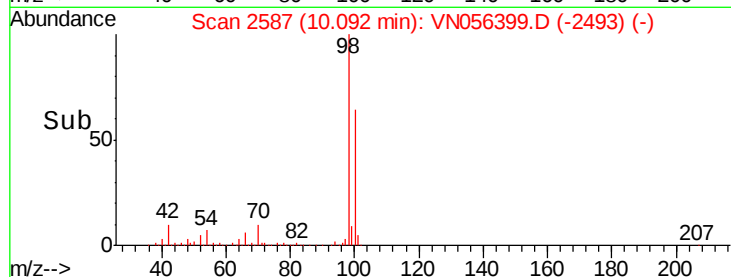
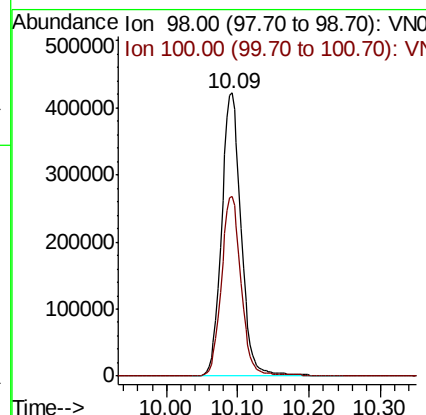
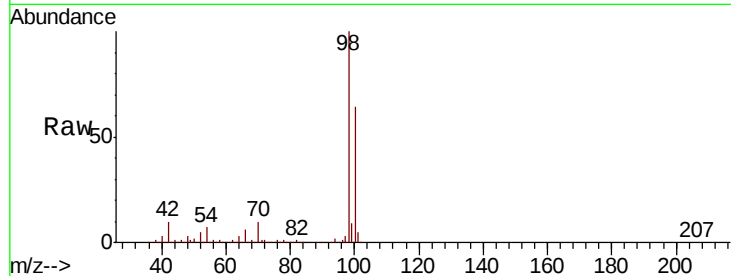
ClientSampleId :

Tot Ion: 98 Resp: 801649

Ion Ratio Lower Upper

98 100

100 64.1 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 0.849 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056399.D

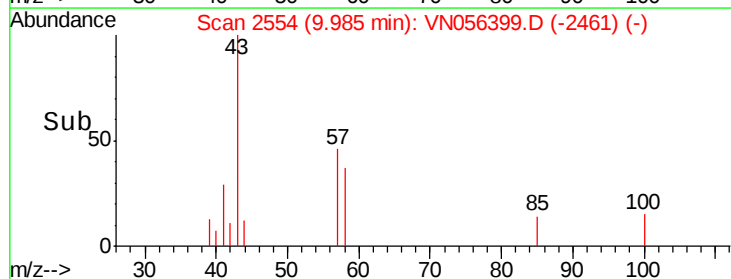
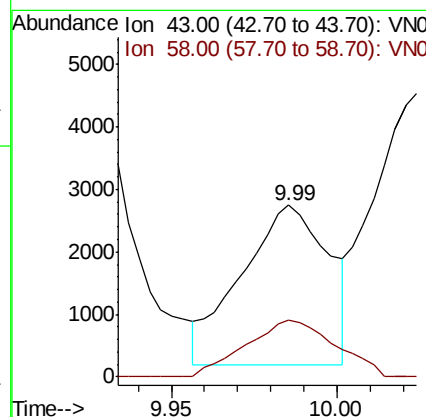
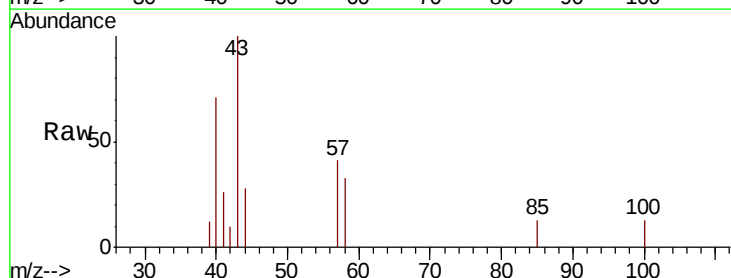
Acq: 20 Jun 2019 13:52

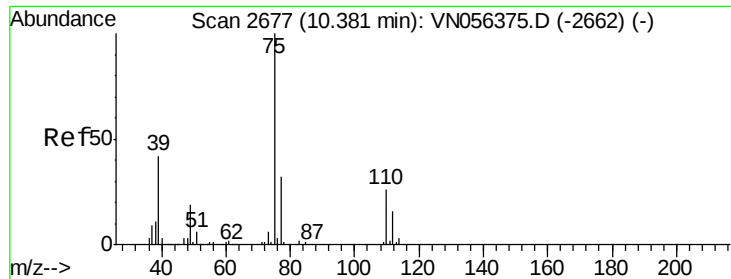
Tgt Ion: 43 Resp: 4663

Ion Ratio Lower Upper

43 100

58 36.6 31.8 47.8





#53

t-1,3-Dichloropropene

Concen: 2.896 ug/l

RT: 10.10 min Scan# 2589

Delta R.T. -0.28 min

Lab File: VN056399.D

Acq: 20 Jun 2019 13:52

Instrument :

MSVOA_N

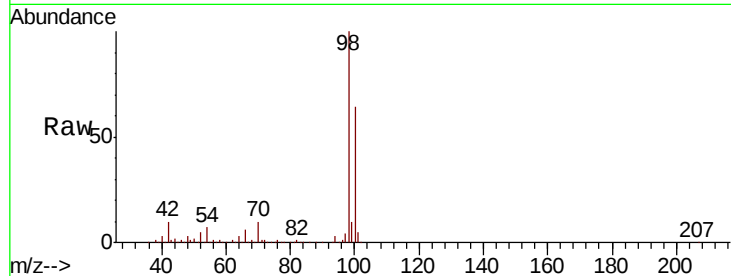
ClientSampled :

Tot Ion: 75 Resp: 31

Ion Ratio Lower Upper

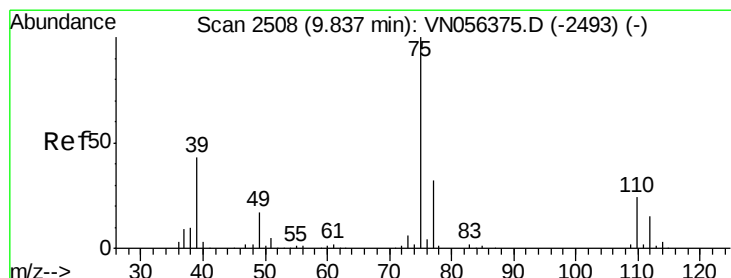
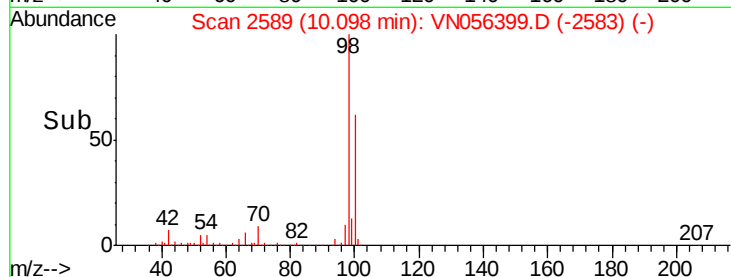
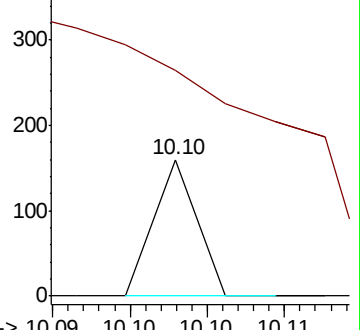
75 100

77 36.9 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 8.846 ug/l

RT: 9.91 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056399.D

Acq: 20 Jun 2019 13:52

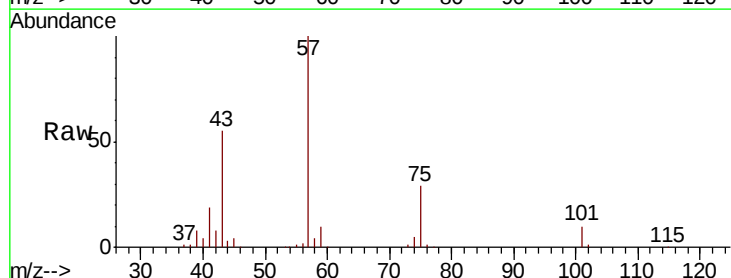
Tgt Ion: 75 Resp: 54582

Ion Ratio Lower Upper

75 100

77 0.7 25.2 37.8#

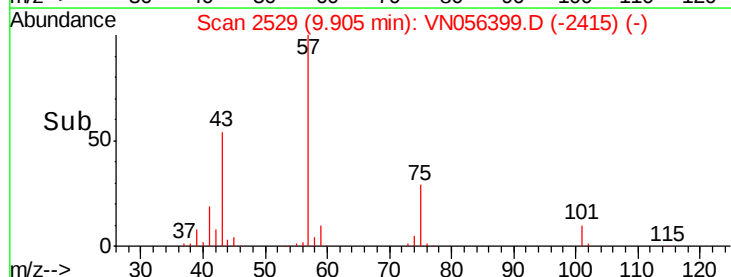
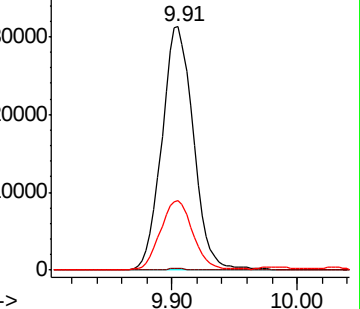
39 28.6 34.2 51.4#

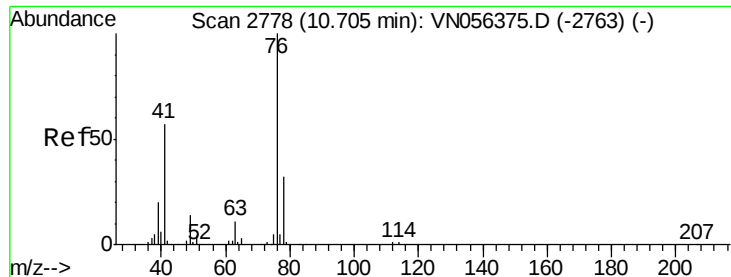


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

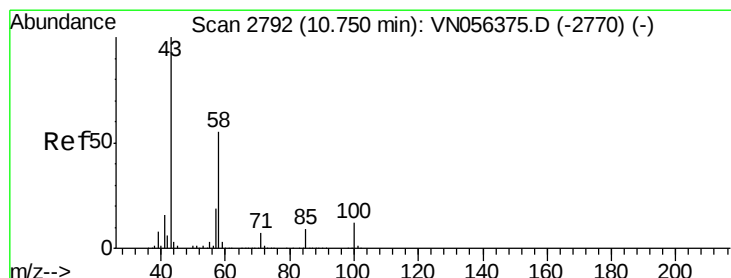
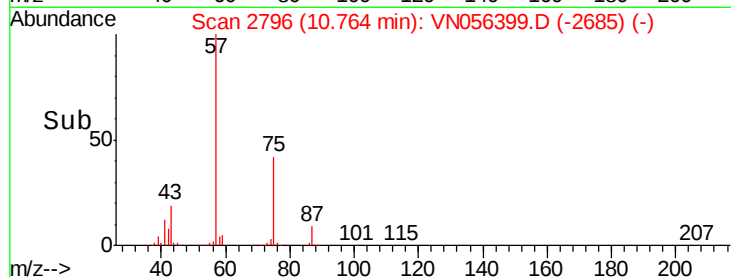
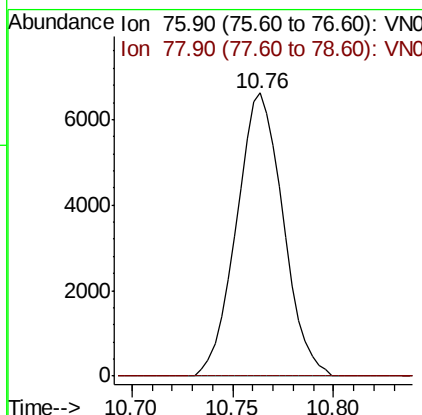
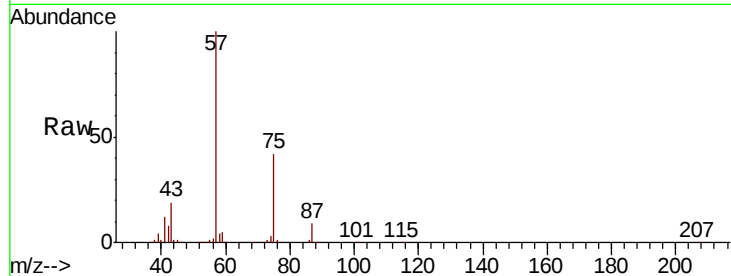




#57
 1,3-Dichloropropane
 Concen: 1.501 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN056399.D
 Acq: 20 Jun 2019 13:52

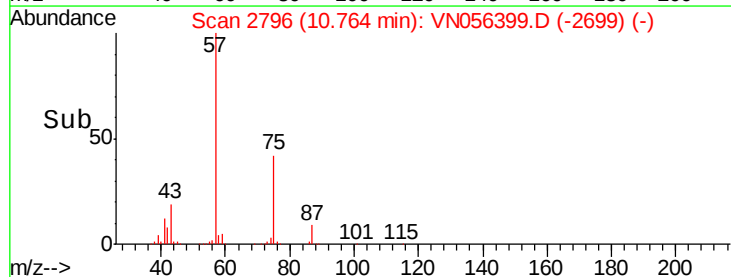
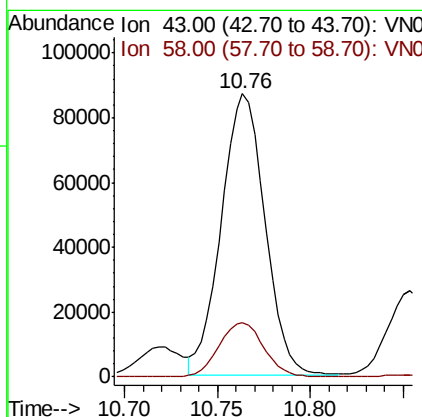
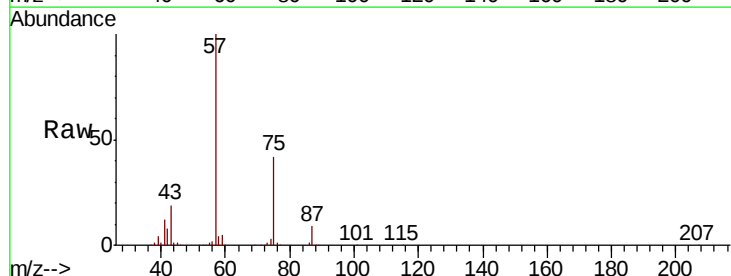
Instrument :
 MSVOA_N
 ClientSampleId :

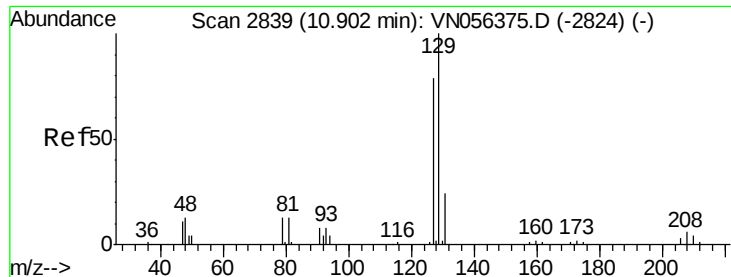
Tot Ion: 76 Resp: 10702
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#



#59
 2-Hexanone
 Concen: 35.312 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN056399.D
 Acq: 20 Jun 2019 13:52

Tgt Ion: 43 Resp: 142488
 Ion Ratio Lower Upper
 43 100
 58 20.0 27.8 83.4#





#60

Dibromochloromethane

Concen: 2.458 ug/l

RT: 10.63 min Scan# 2756

Delta R.T. -0.27 min

Lab File: VN056399.D

Acq: 20 Jun 2019 13:52

Instrument :

MSVOA_N

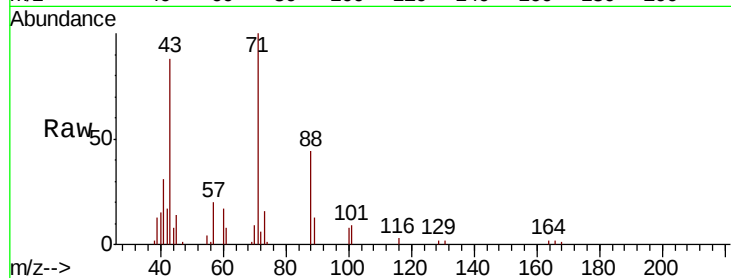
ClientSampleId :

Tot Ion:129 Resp: 351

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

10.63

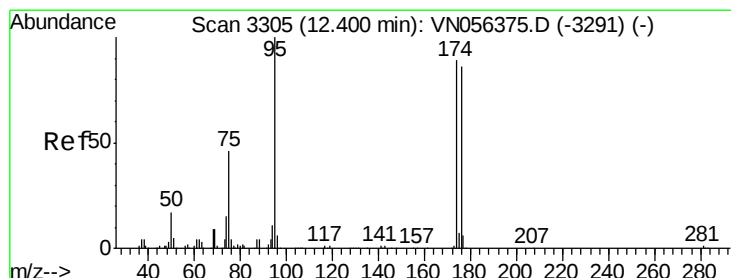
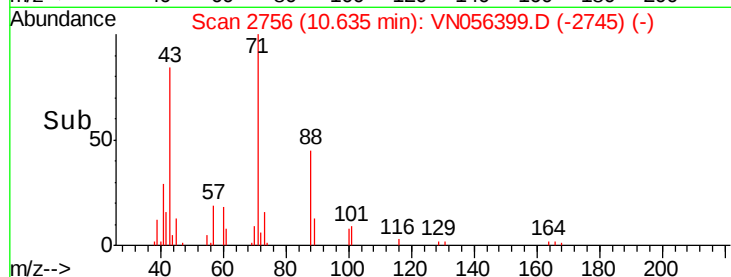
300

200

100

0

Time--> 10.60 10.62 10.64 10.66



#62

4-Bromofluorobenzene

Concen: 52.039 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056399.D

Acq: 20 Jun 2019 13:52

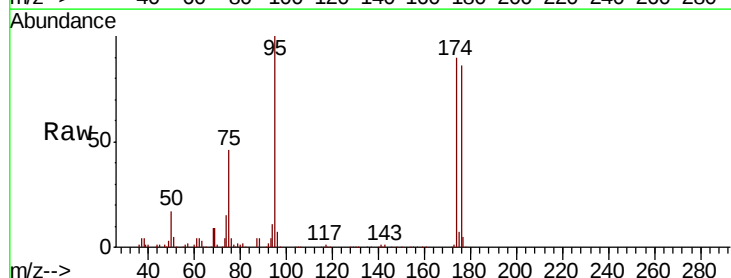
Tgt Ion: 95 Resp: 268548

Ion Ratio Lower Upper

95 100

174 89.6 0.0 179.4

176 86.7 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

12.40

200000

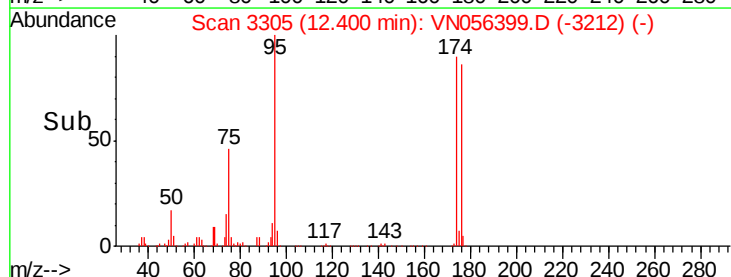
150000

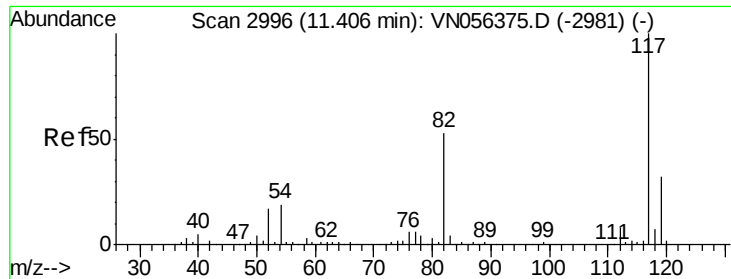
100000

50000

0

Time--> 12.30 12.40 12.50





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056399.D

Acq: 20 Jun 2019 13:52

Instrument :

MSVOA_N

ClientSampleId :

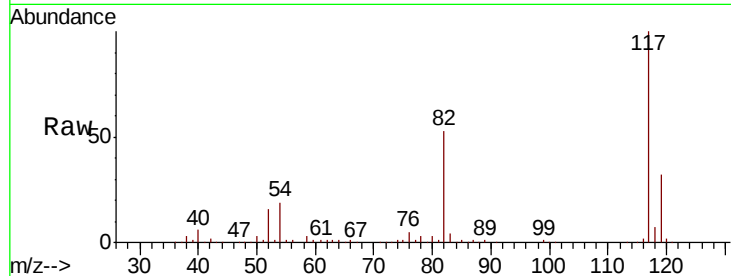
Tot Ion:117 Resp: 637455

Ion Ratio Lower Upper

117 100

82 52.7 42.0 63.0

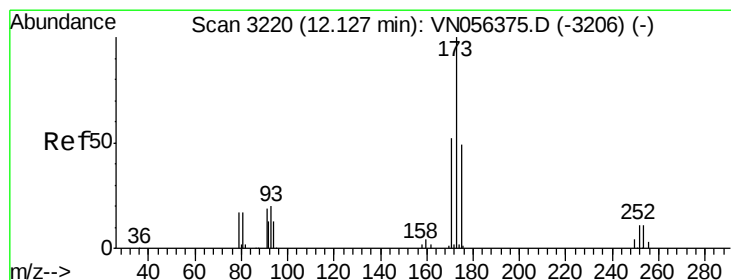
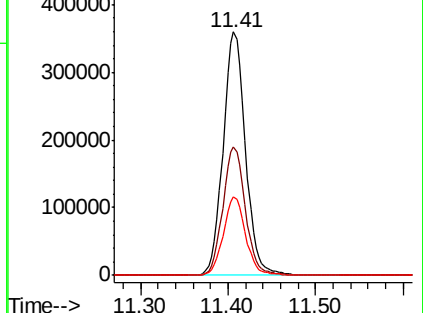
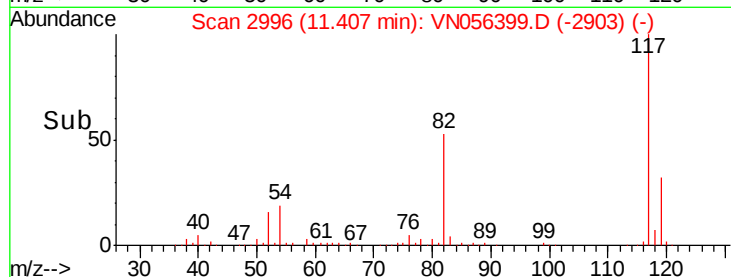
119 32.1 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#71

Bromoform

Concen: 3.603 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN056399.D

Acq: 20 Jun 2019 13:52

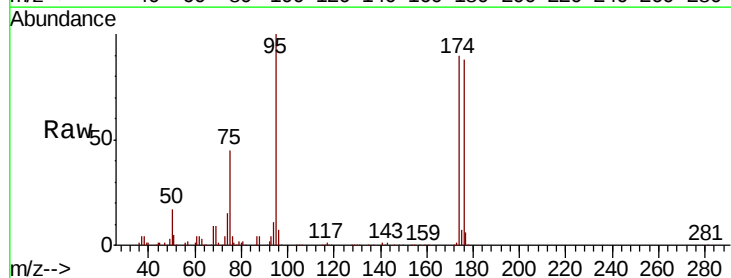
Tgt Ion:173 Resp: 1716

Ion Ratio Lower Upper

173 100

175 877.7 24.4 73.4#

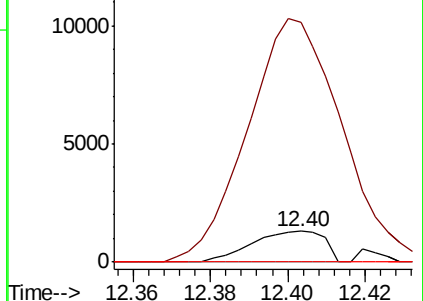
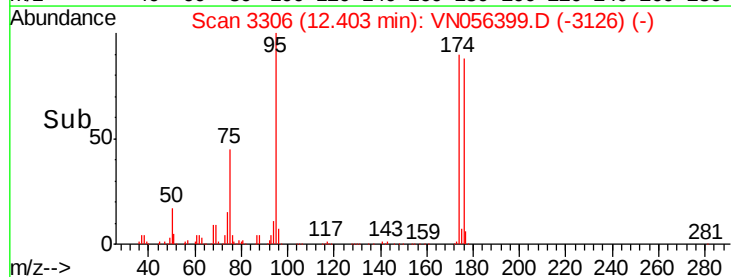
254 0.0 0.0 0.0

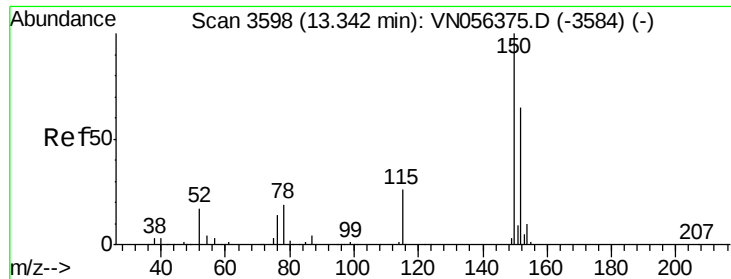


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



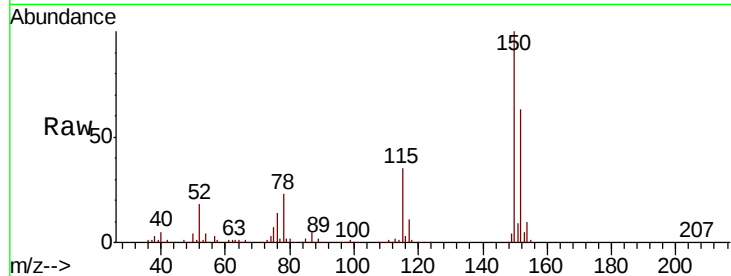


#72

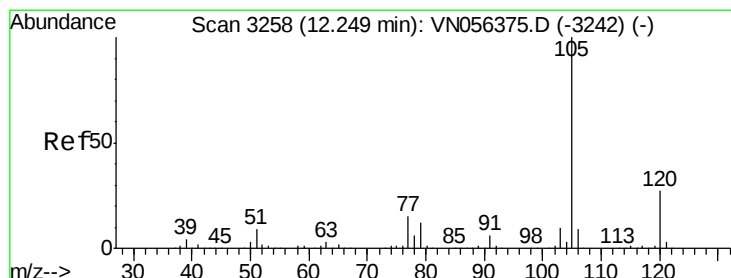
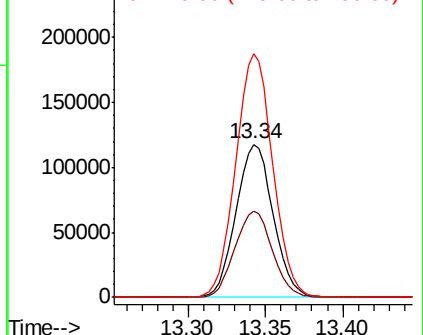
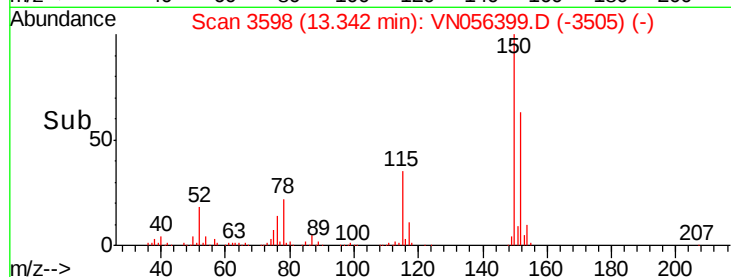
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056399.D
Acq: 20 Jun 2019 13:52

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:152 Resp: 196148
Ion Ratio Lower Upper
152 100
115 57.0 28.1 84.4
150 158.9 0.0 348.4



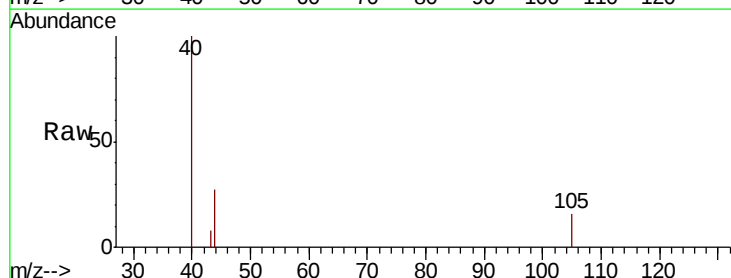
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



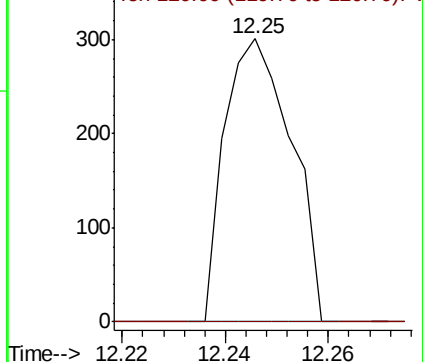
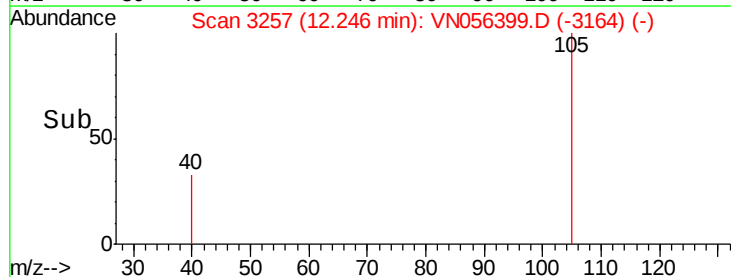
#73

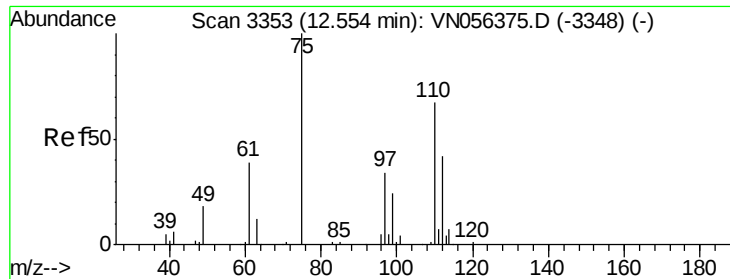
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3257
Delta R.T. -0.00 min
Lab File: VN056399.D
Acq: 20 Jun 2019 13:52

Tgt Ion:105 Resp: 268
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

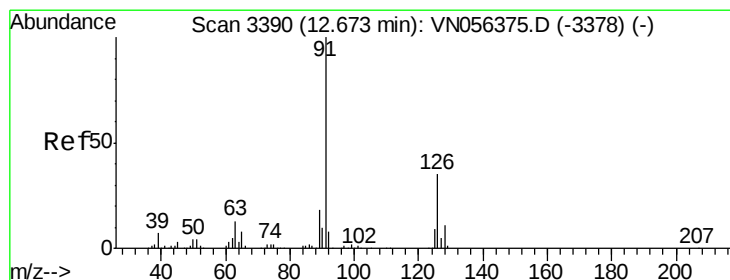
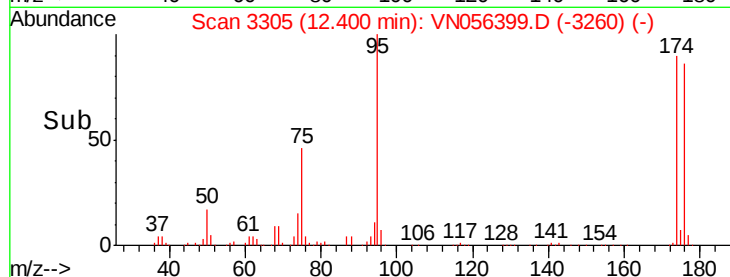
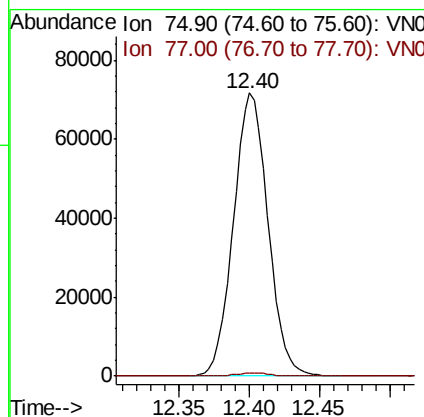
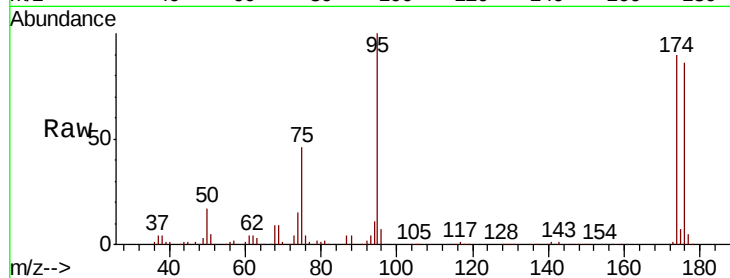




#76
 1,2,3-Trichloropropane
 Concen: 30.248 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN056399.D
 Acq: 20 Jun 2019 13:52

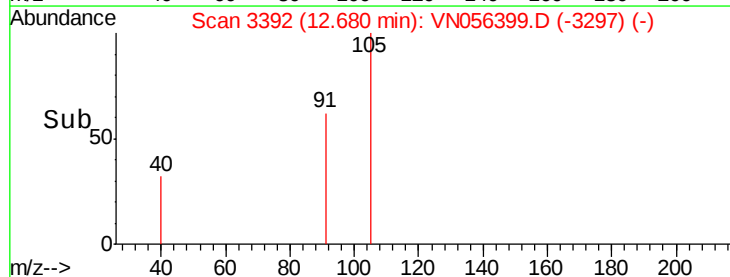
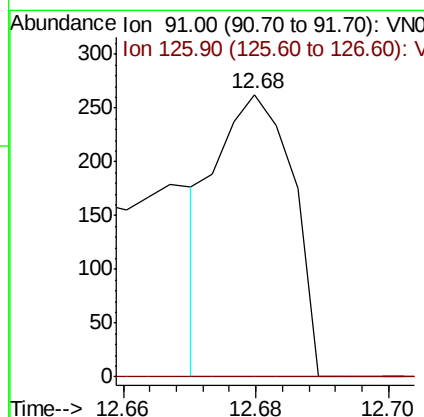
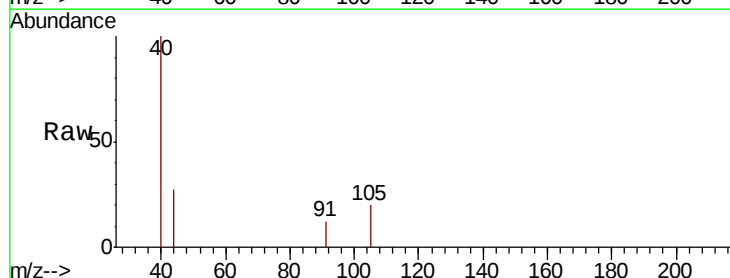
Instrument :
 MSVOA_N
 ClientSampled :

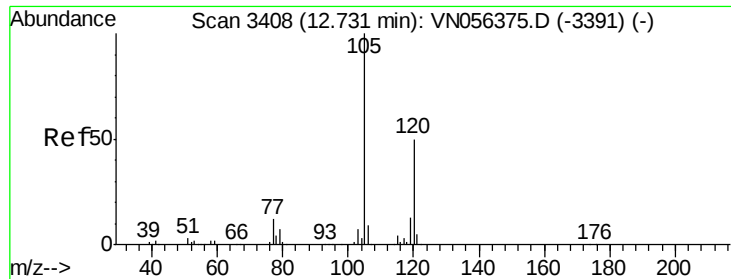
Tot Ion: 75 Resp: 123025
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.68 min Scan# 3392
 Delta R.T. 0.01 min
 Lab File: VN056399.D
 Acq: 20 Jun 2019 13:52

Tgt Ion: 91 Resp: 212
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.6 52.8#





#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.74 min Scan# 3410

Delta R.T. 0.01 min

Lab File: VN056399.D

Acq: 20 Jun 2019 13:52

Instrument :

MSVOA_N

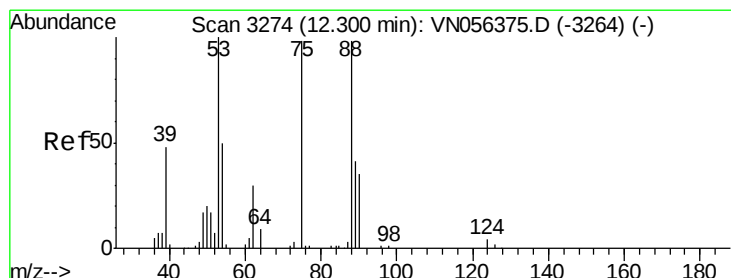
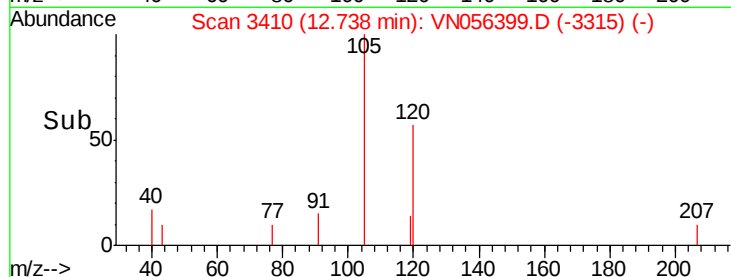
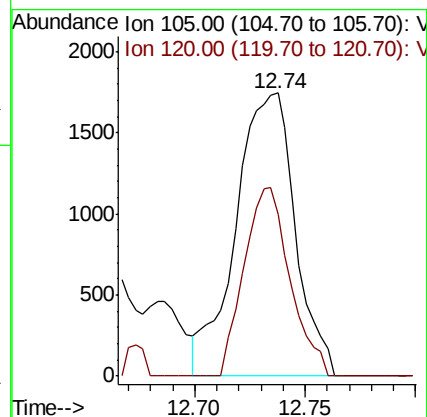
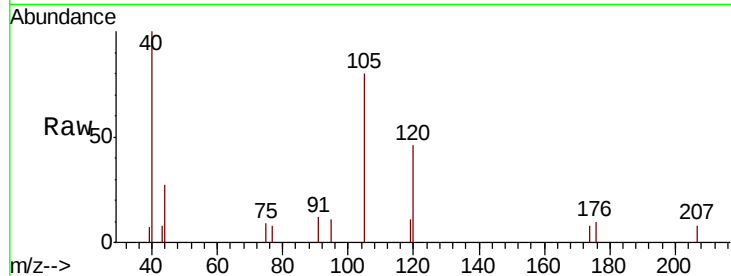
ClientSampleId :

Tot Ion:105 Resp: 3271

Ion Ratio Lower Upper

105 100

120 51.5 24.8 74.4



#81

trans-1,4-Dichloro-2-butene

Concen: 107.507 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056399.D

Acq: 20 Jun 2019 13:52

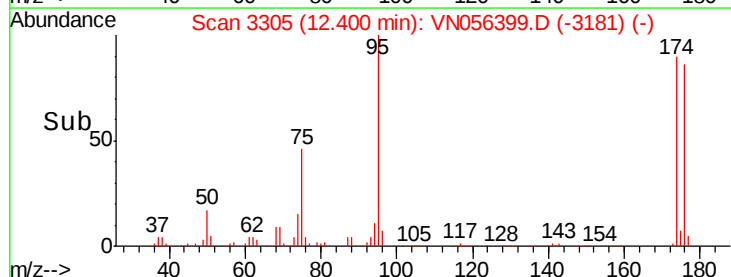
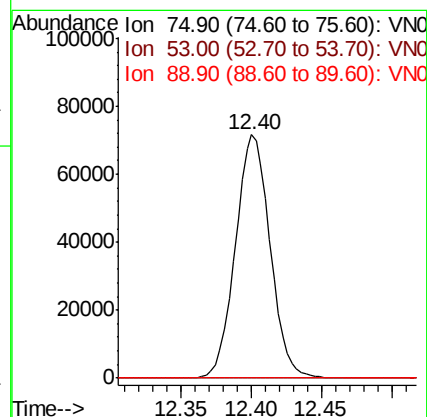
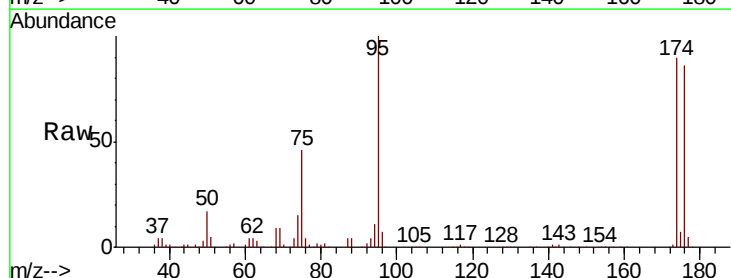
Tgt Ion: 75 Resp: 123025

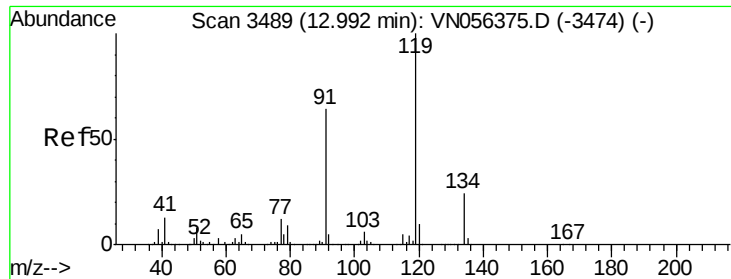
Ion Ratio Lower Upper

75 100

53 0.0 83.9 125.9#

89 0.0 35.0 52.6#





#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.04 min Scan# 3505

Delta R.T. 0.05 min

Lab File: VN056399.D

Acq: 20 Jun 2019 13:52

Instrument :

MSVOA_N

ClientSampleId :

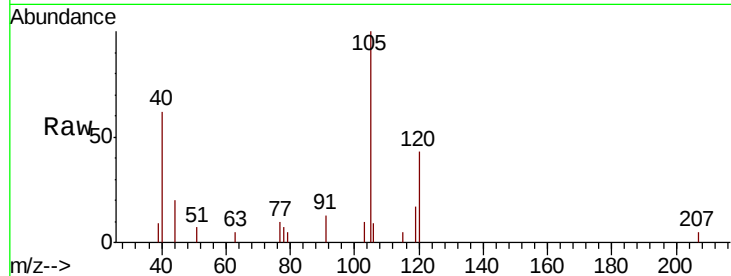
Tot Ion:119 Resp: 558

Ion Ratio Lower Upper

119 100

91 98.2 31.6 94.7#

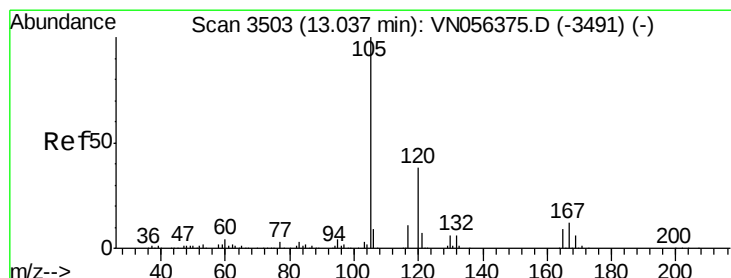
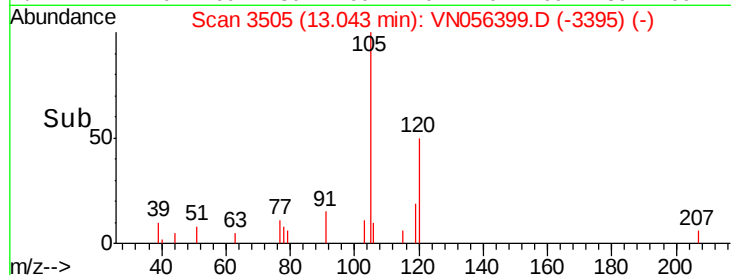
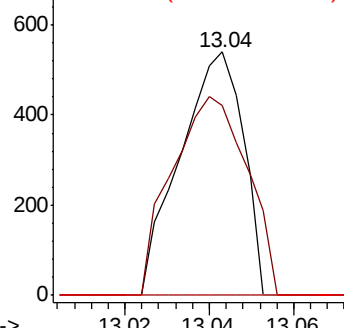
134 0.0 13.2 39.5#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 0.403 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN056399.D

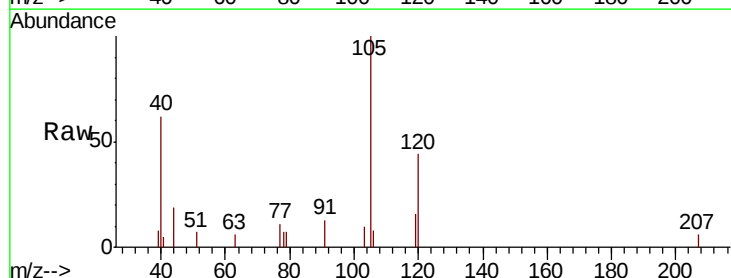
Acq: 20 Jun 2019 13:52

Tgt Ion:105 Resp: 5319

Ion Ratio Lower Upper

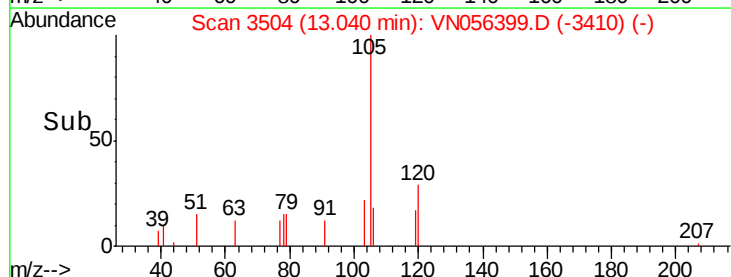
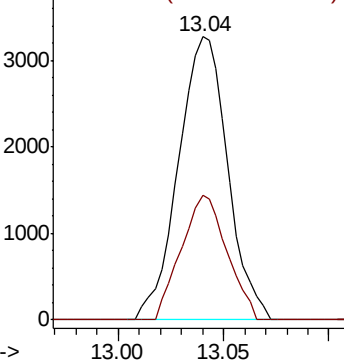
105 100

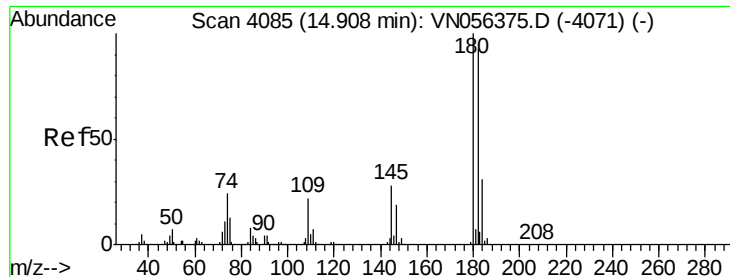
120 40.8 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#93

1,2,4-Trichlorobenzene

Concen: 5.650 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN056399.D

Acq: 20 Jun 2019 13:52

Instrument :

MSVOA_N

ClientSampled :

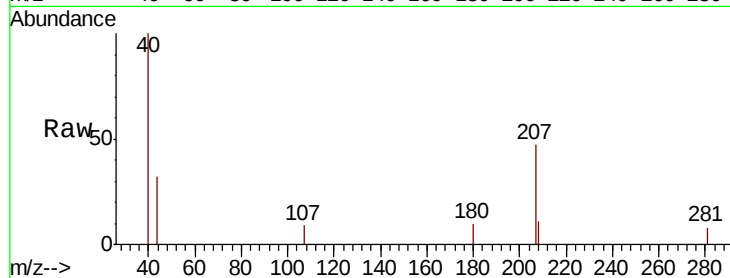
Tot Ion:180 Resp: 140

Ion Ratio Lower Upper

180 100

182 21.4 46.9 140.6#

145 0.0 14.4 43.0#



Abundance Ion 179.80 (179.50 to 180.50): V

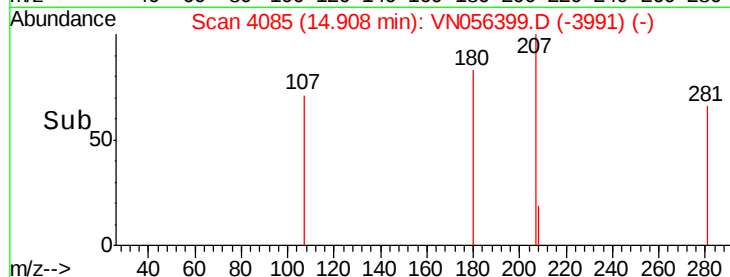
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

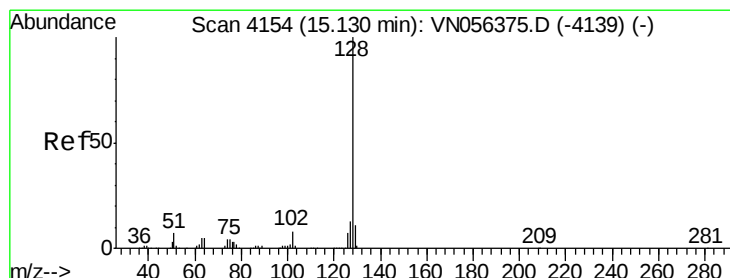
14.91

14.90

14.92



Time-->



#95

Naphthalene

Concen: 5.904 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN056399.D

Acq: 20 Jun 2019 13:52

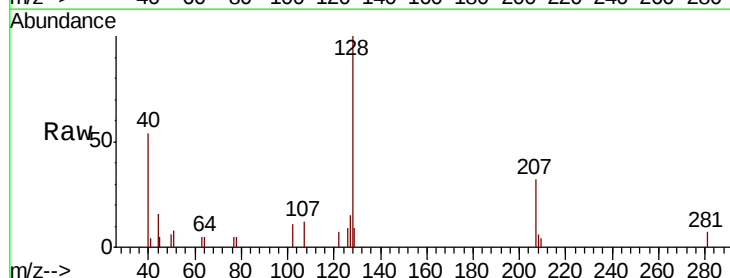
Tgt Ion:128 Resp: 6611

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.2

129 9.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

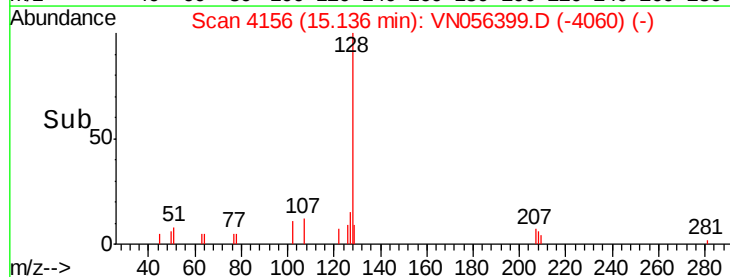
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

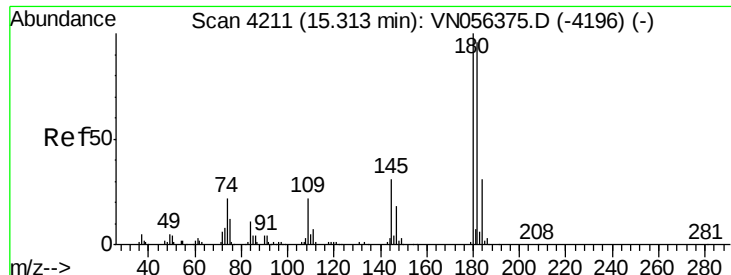
15.14

15.10

15.15



Time-->



#96
 1,2,3-Trichlorobenzene
 Concen: 4.489 ug/l
 RT: 15.30 min Scan# 4208
 Delta R.T. -0.01 min
 Lab File: VN056399.D
 Acq: 20 Jun 2019 13:52

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.3	144.8#
145	0.0	15.4	46.1#

