

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071219\
 Data File : VN056675.D
 Acq On : 11 Jul 2019 19:15
 Operator : JC/SP
 Sample : K3740-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-24

Quant Time: Jul 12 04:51:49 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	267209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	470131	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	499913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	183341	50.00	ug/l	0.00

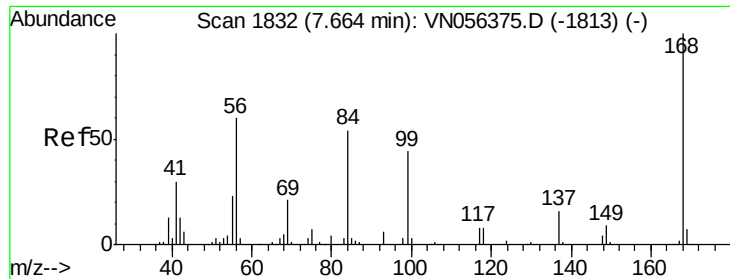
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	159015	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	
35) Dibromofluoromethane	7.59	113	142164	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
50) Toluene-d8	10.09	98	606226	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
62) 4-Bromofluorobenzene	12.40	95	215263	56.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.16%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.79	59	470	0.942	ug/l #	74
14) Allyl chloride	4.55	41	1871	0.476	ug/l #	28
16) Acetone	3.82	43	21273	14.337	ug/l	100
18) Methyl Acetate	4.33	43	4049	0.535	ug/l #	82
20) Methylene Chloride	4.55	84	47498	16.383	ug/l	95
25) 2-Butanone	6.85	43	4568	2.326	ug/l	95
29) Tetrahydrofuran	7.23	42	2205	1.837	ug/l #	72
30) Chloroform	7.38	83	2096	0.448	ug/l	91
31) Cyclohexane	7.67	56	4520	0.988	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	17538	4.238	ug/l #	49
38) Carbon Tetrachloride	7.67	117	23759	6.566	ug/l #	15
41) Methacrylonitrile	7.22	41	547	0.305	ug/l #	19
43) Isopropyl Acetate	8.17	43	17517	2.794	ug/l #	91
45) 1,2-Dichloropropane	9.27	63	1366	0.401	ug/l #	43
48) Methyl methacrylate	9.18	41	8922	2.839	ug/l #	12
49) 1,4-Dioxane	9.27	88	32	0.491	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	3862	0.954	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	43926	9.657	ug/l #	65
57) 1,3-Dichloropropane	10.76	76	8687	1.653	ug/l #	42
59) 2-Hexanone	10.76	43	116884	39.294	ug/l #	50
60) Dibromochloromethane	10.63	129	31	2.391	ug/l #	10
71) Bromoform	12.40	173	1674	3.715	ug/l #	1
73) Isopropylbenzene	12.25	105	95	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	99683	26.221	ug/l #	100
79) 2-Chlorotoluene	12.73	91	104	Below Cal	#	40
80) 1,3,5-Trimethylbenzene	12.73	105	2484	Below Cal		85
81) trans-1,4-Dichloro-2-buten	12.40	75	99683	93.194	ug/l #	8
83) tert-Butylbenzene	12.74	119	245	Below Cal	#	66
95) Naphthalene	15.13	128	1001	5.351	ug/l #	70

(#) = 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: VN056675.D

Acq: 11 Jul 2019 19:15

Instrument :

MSVOA_N

ClientSampleId :

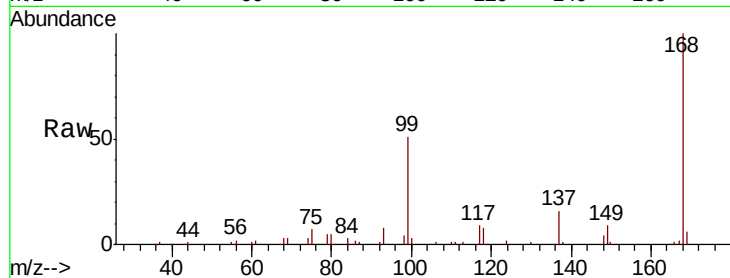
COMP-24

Tot Ion:168 Resp: 267209

Ion Ratio Lower Upper

168 100

99 51.1 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

120000

100000

80000

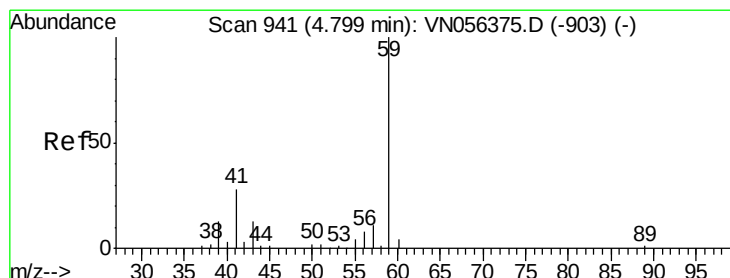
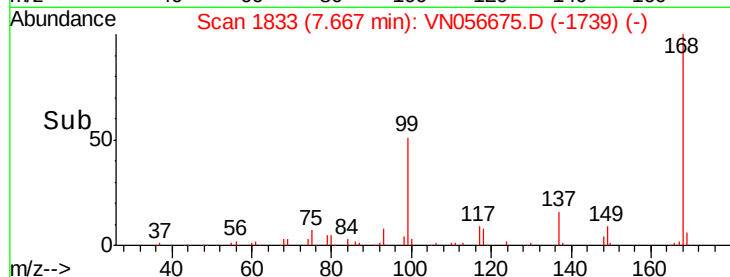
60000

40000

20000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#11

Tert butyl alcohol

Concen: 0.942 ug/l

RT: 4.79 min Scan# 937

Delta R.T. -0.01 min

Lab File: VN056675.D

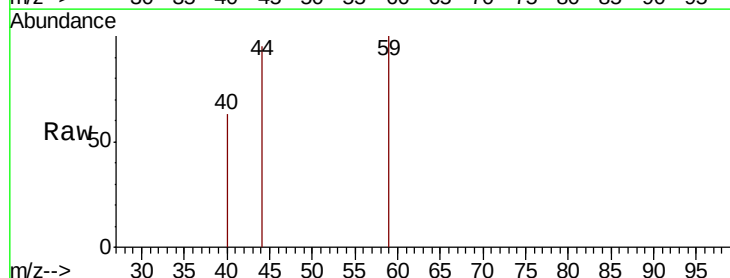
Acq: 11 Jul 2019 19:15

Tgt Ion: 59 Resp: 470

Ion Ratio Lower Upper

59 100

57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.79

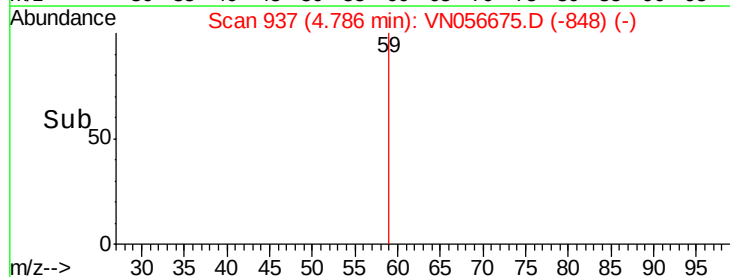
300

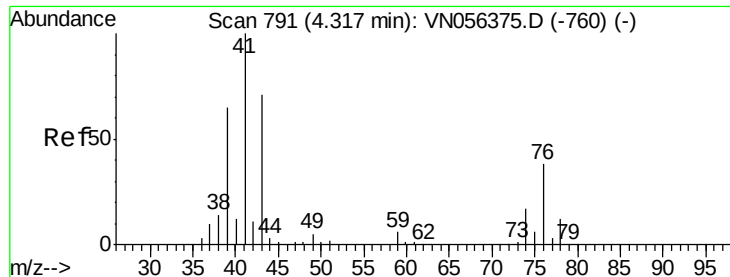
200

100

0

Time--> 4.76 4.78 4.80

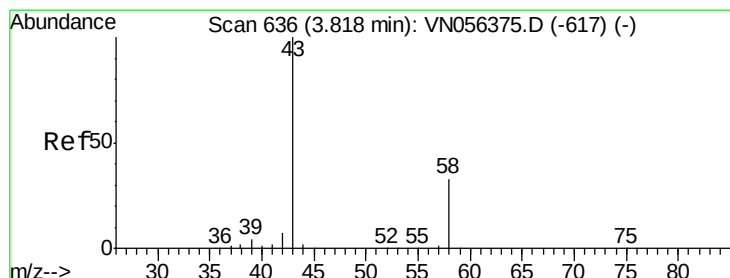
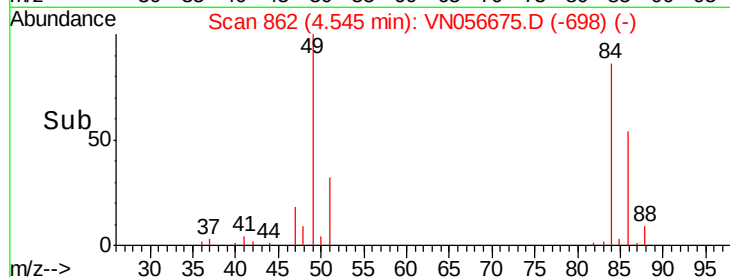
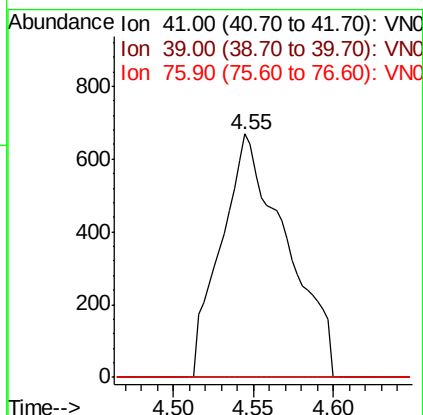
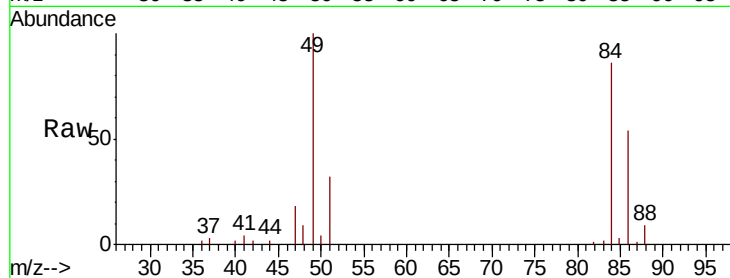




#14
Allvl chloride
Concen: 0.476 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.23 min
Lab File: VN056675.D
Acq: 11 Jul 2019 19:15

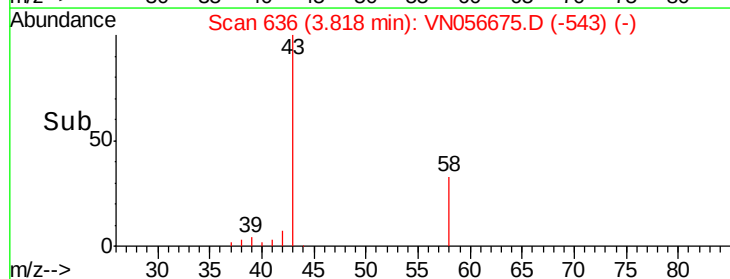
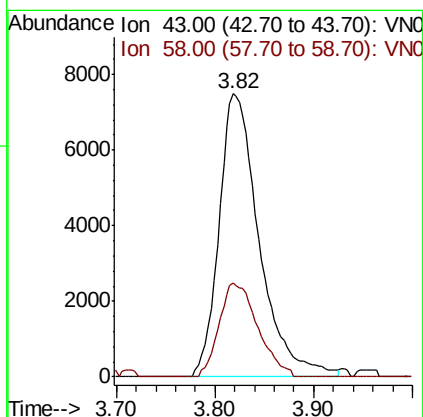
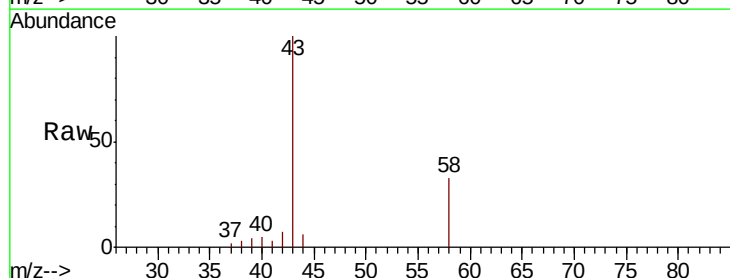
Instrument :
MSVOA_N
ClientSampled :
COMP-24

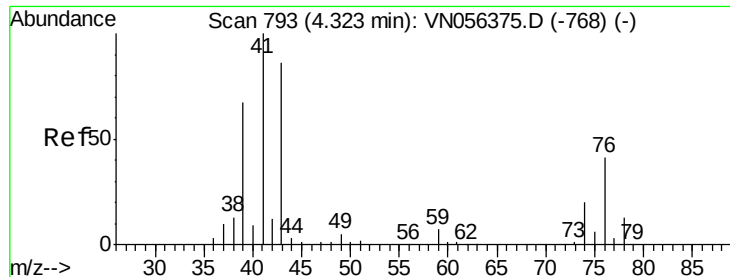
Tot Ion: 41 Resp: 1871
Ion Ratio Lower Upper
41 100
39 0.0 48.6 73.0#
76 0.0 26.6 40.0#



#16
Acetone
Concen: 14.337 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN056675.D
Acq: 11 Jul 2019 19:15

Tgt Ion: 43 Resp: 21273
Ion Ratio Lower Upper
43 100
58 33.1 26.4 39.6

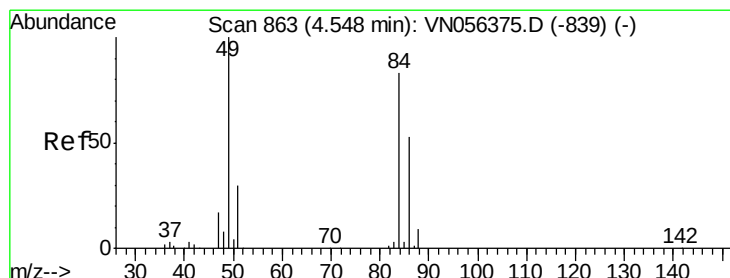
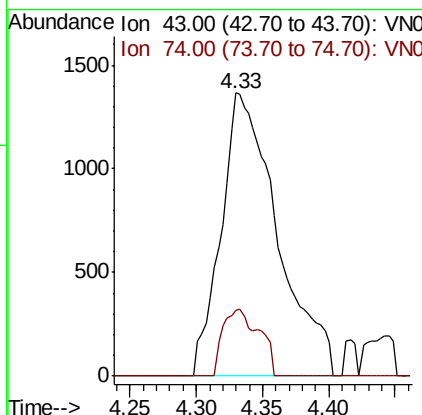
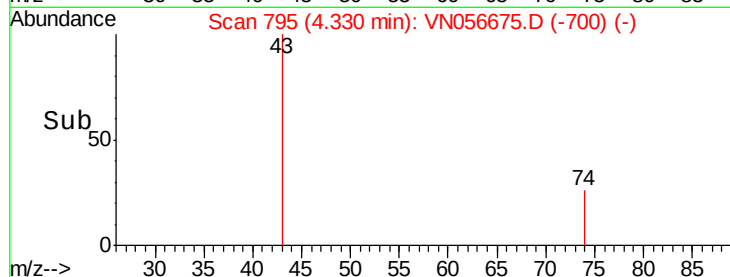
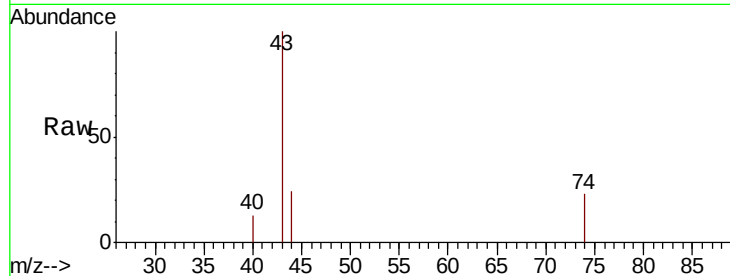




#18
Methvl Acetate
Concen: 0.535 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN056675.D
Acq: 11 Jul 2019 19:15

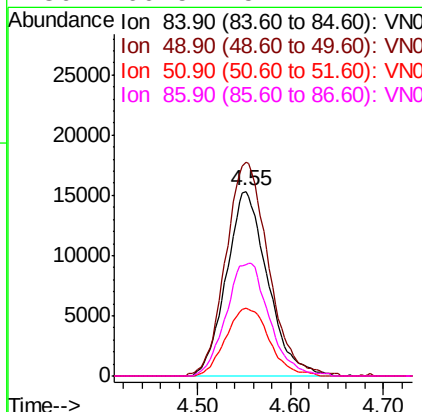
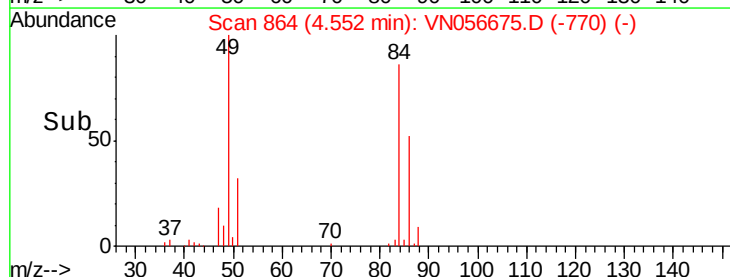
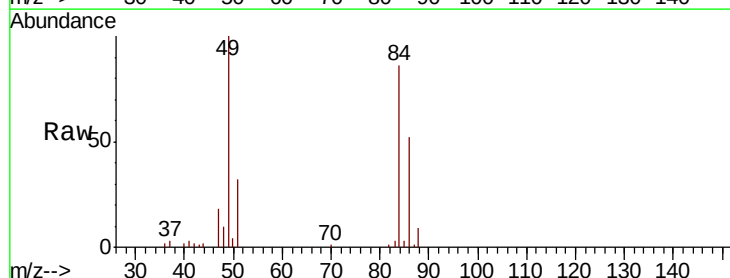
Instrument :
MSVOA_N
ClientSampled :
COMP-24

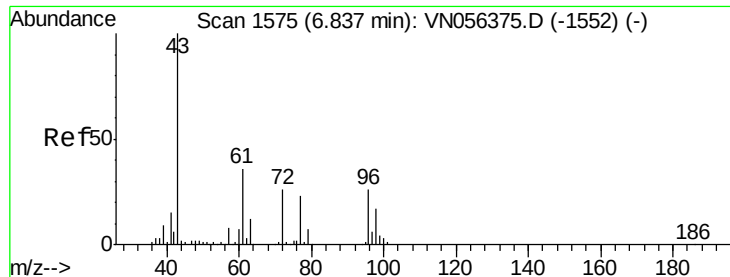
Tot Ion: 43 Resp: 4049
Ion Ratio Lower Upper
43 100
74 15.1 19.2 28.8#



#20
Methylene Chloride
Concen: 16.383 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056675.D
Acq: 11 Jul 2019 19:15

Tgt Ion: 84 Resp: 47498
Ion Ratio Lower Upper
84 100
49 114.5 96.4 144.6
51 36.6 28.6 43.0
86 60.5 51.4 77.2

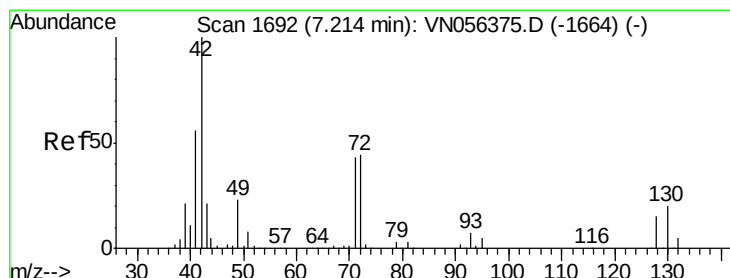
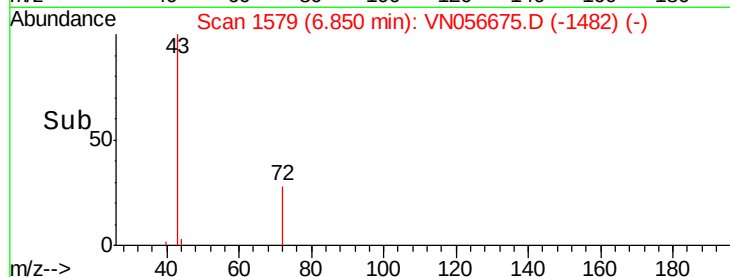
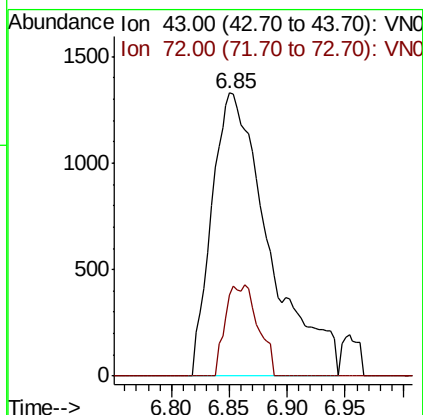
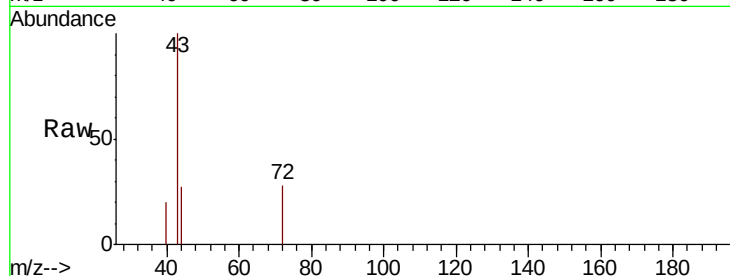




#25
 2-Butanone
 Concen: 2.326 ug/l
 RT: 6.85 min Scan# 1579
 Delta R.T. 0.01 min
 Lab File: VN056675.D
 Acq: 11 Jul 2019 19:15

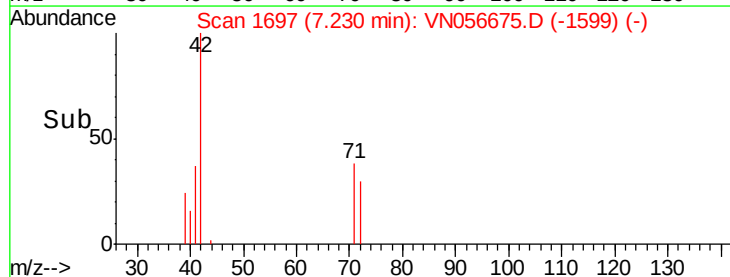
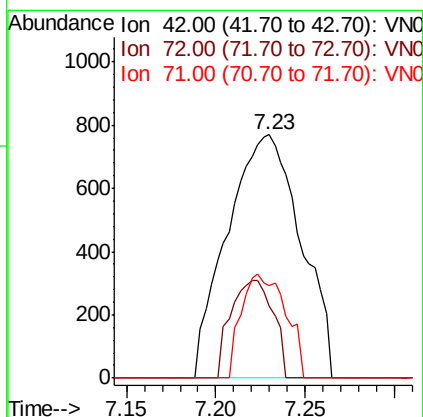
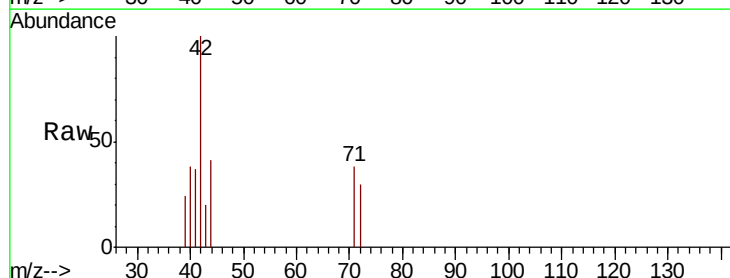
Instrument :
 MSVOA_N
 ClientSampled :
 COMP-24

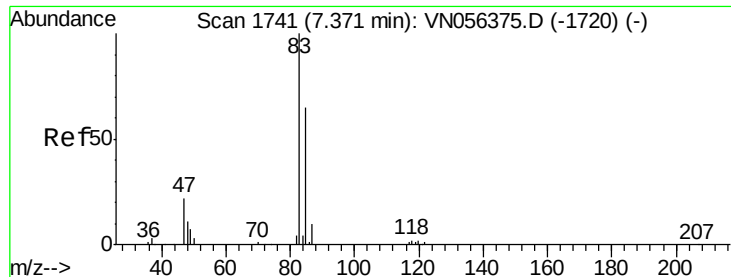
Tot Ion: 43 Resp: 4568
 Ion Ratio Lower Upper
 43 100
 72 28.4 20.6 31.0



#29
 Tetrahydrofuran
 Concen: 1.837 ug/l
 RT: 7.23 min Scan# 1697
 Delta R.T. 0.02 min
 Lab File: VN056675.D
 Acq: 11 Jul 2019 19:15

Tgt Ion: 42 Resp: 2205
 Ion Ratio Lower Upper
 42 100
 72 23.0 34.7 52.1#
 71 25.9 33.0 49.6#

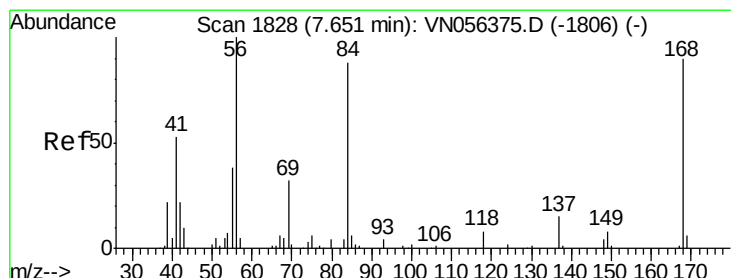
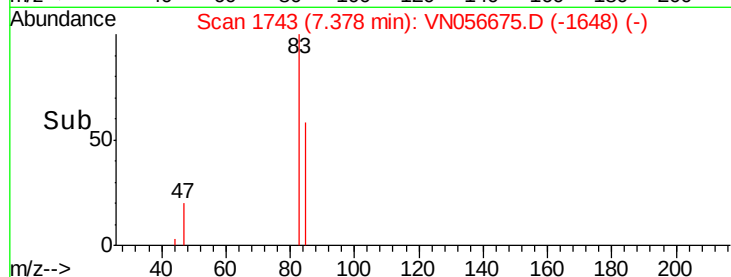
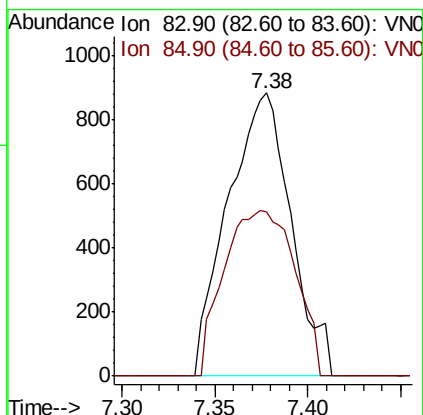
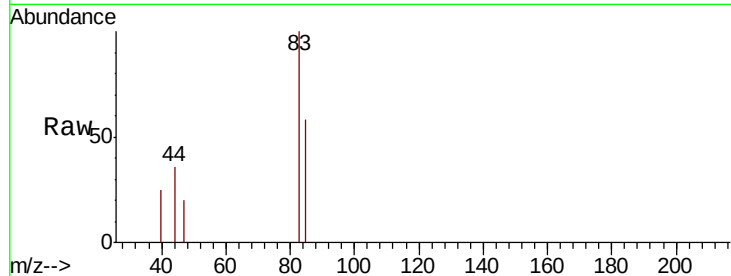




#30
Chloroform
Concen: 0.448 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VN056675.D
Acq: 11 Jul 2019 19:15

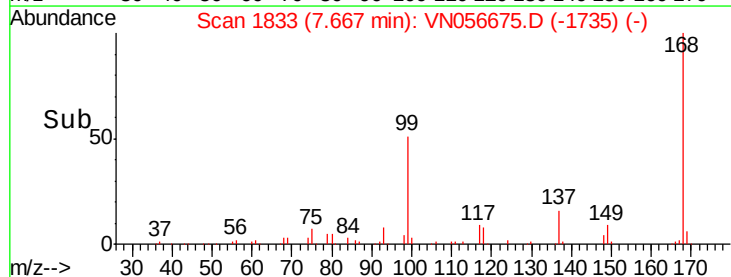
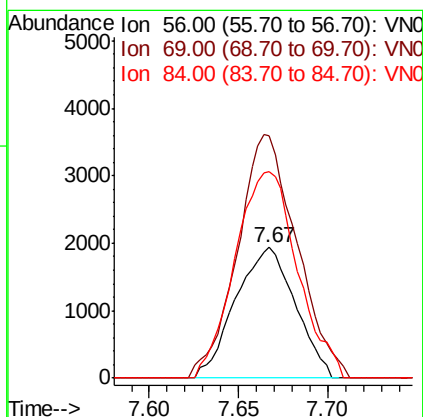
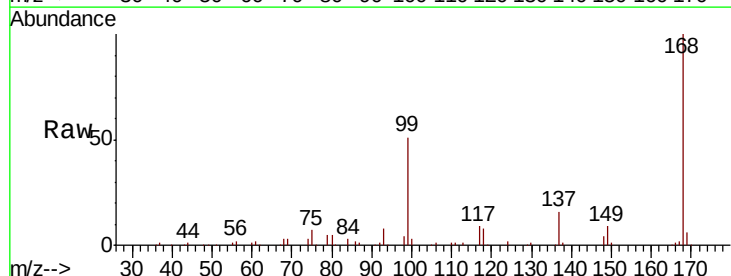
Instrument :
MSVOA_N
ClientSampleId :
COMP-24

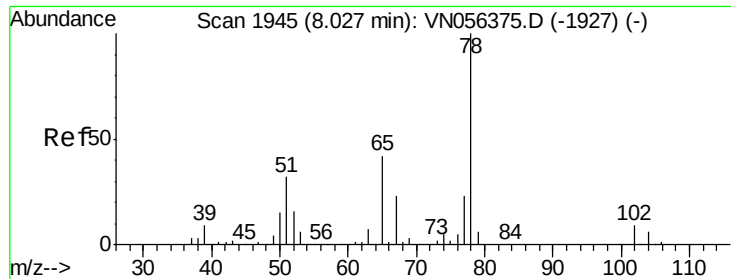
Tot Ion: 83 Resp: 2096
Ion Ratio Lower Upper
83 100
85 58.1 52.3 78.5



#31
Cyclohexane
Concen: 0.988 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN056675.D
Acq: 11 Jul 2019 19:15

Tgt Ion: 56 Resp: 4520
Ion Ratio Lower Upper
56 100
69 185.6 25.8 38.6#
84 158.5 69.4 104.0#

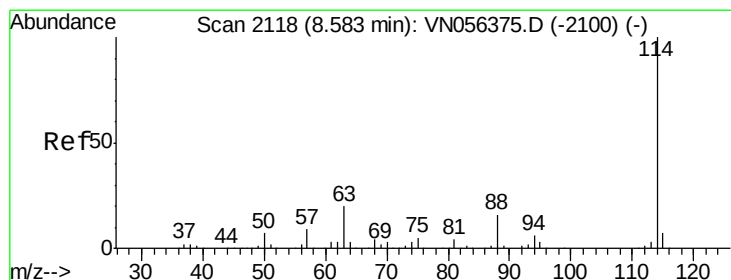
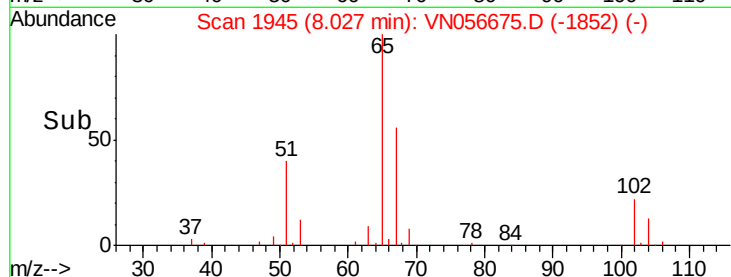
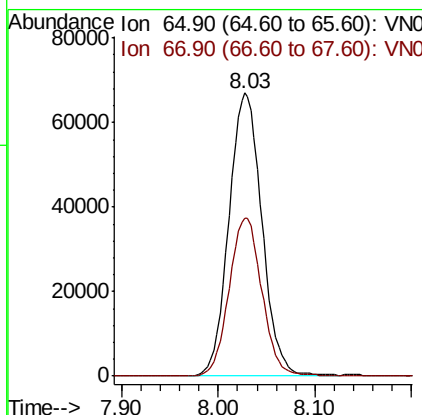
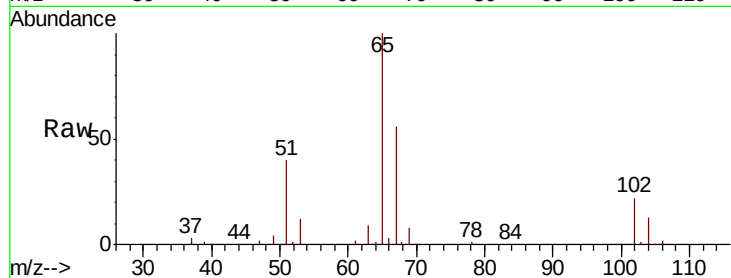




#33
 1,2-Dichloroethane-d4
 Concen: 53.694 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056675.D
 Acq: 11 Jul 2019 19:15

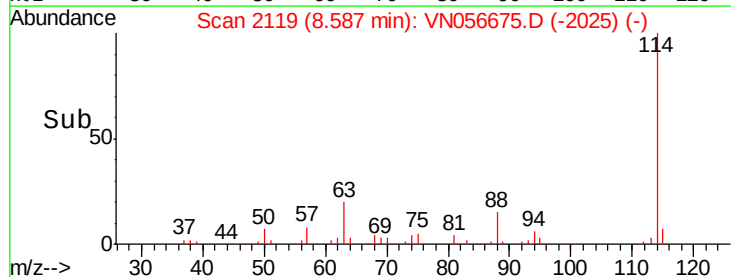
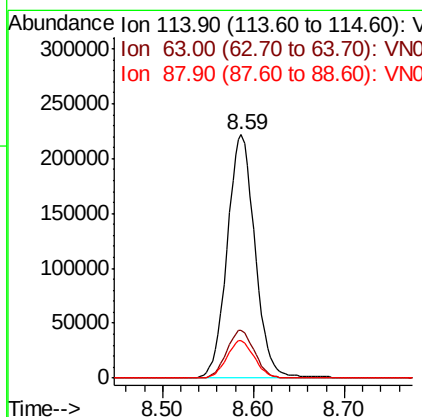
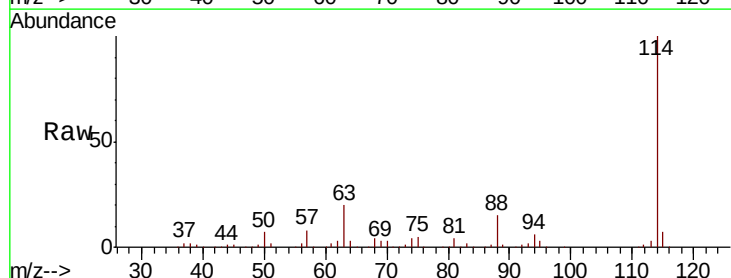
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-24

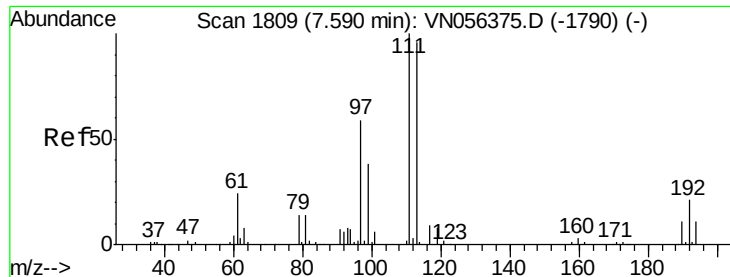
Tot Ion: 65 Resp: 159015
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056675.D
 Acq: 11 Jul 2019 19:15

Tgt Ion: 114 Resp: 470131
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.2
 88 15.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.473 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN056675.D

Acq: 11 Jul 2019 19:15

Instrument :

MSVOA_N

ClientSampleId :

COMP-24

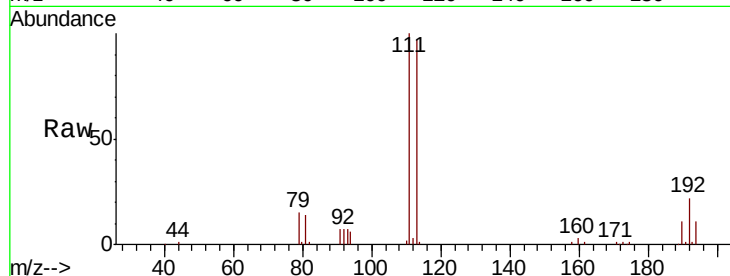
Tot Ion:113 Resp: 142164

Ion Ratio Lower Upper

113 100

111 104.8 82.9 124.3

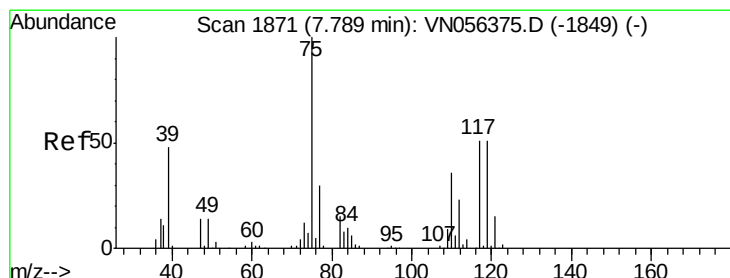
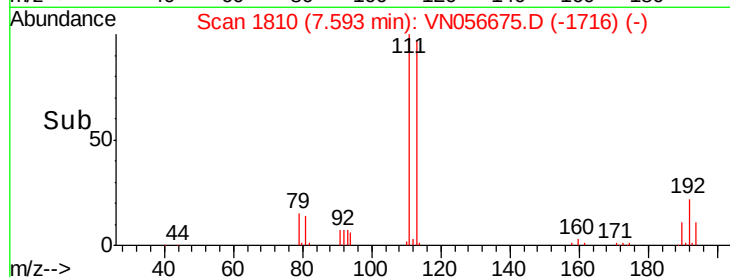
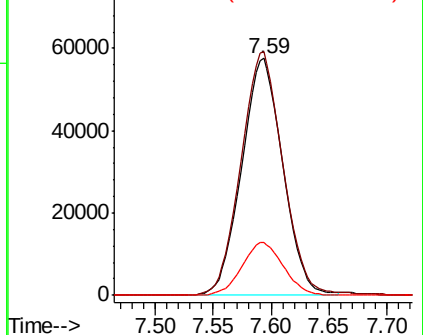
192 22.3 17.7 26.5



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: 4.238 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.12 min

Lab File: VN056675.D

Acq: 11 Jul 2019 19:15

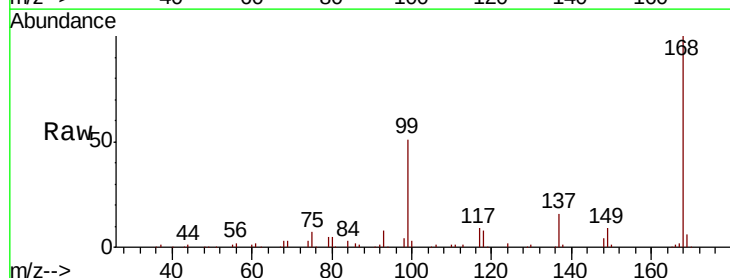
Tgt Ion: 75 Resp: 17538

Ion Ratio Lower Upper

75 100

110 8.8 18.1 54.3#

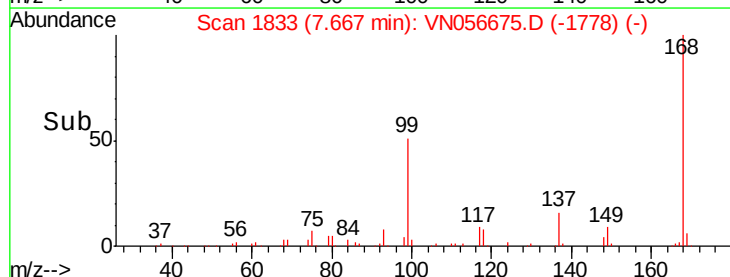
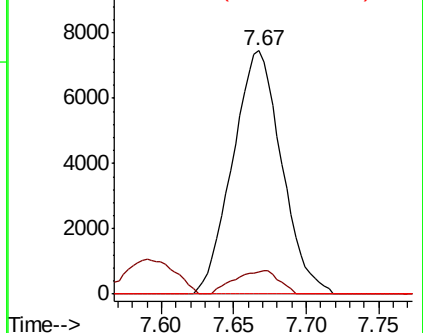
77 0.0 24.6 36.8#

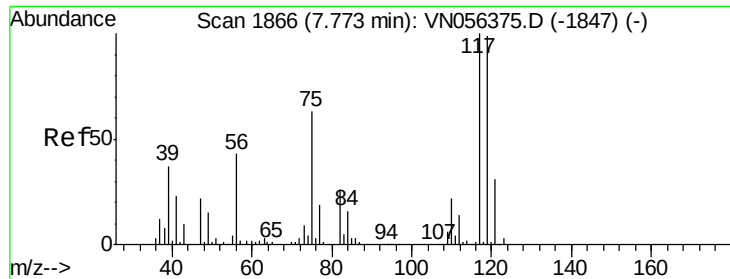


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.566 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN056675.D

Acq: 11 Jul 2019 19:15

Instrument :

MSVOA_N

ClientSampleId :

COMP-24

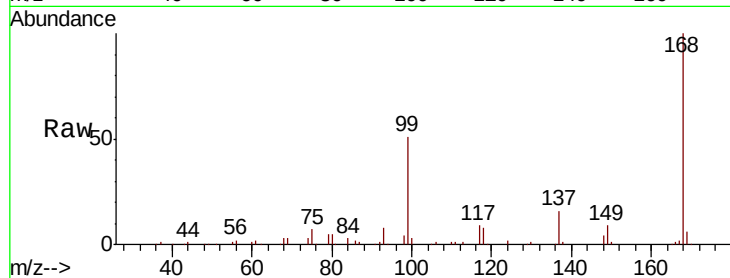
Tot Ion:117 Resp: 23759

Ion Ratio Lower Upper

117 100

119 4.9 79.1 118.7#

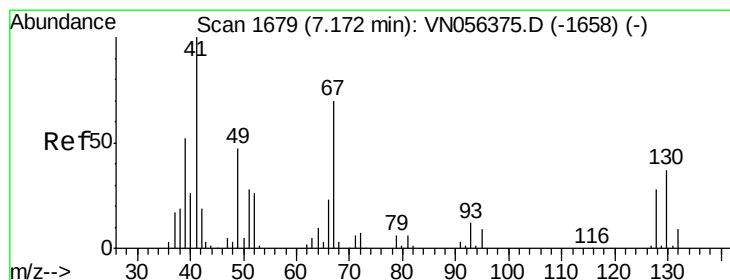
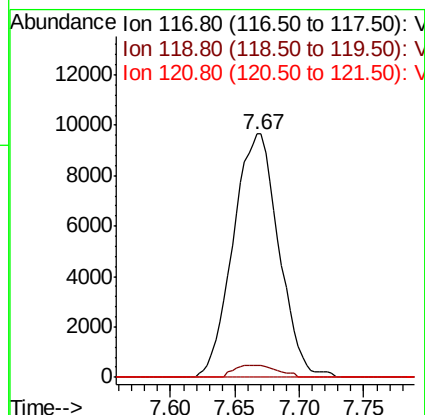
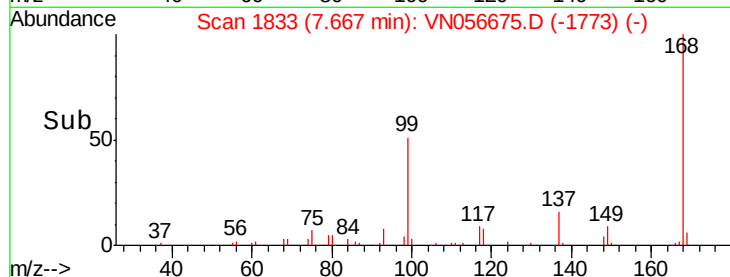
121 0.0 24.8 37.2#



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: 0.305 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.05 min

Lab File: VN056675.D

Acq: 11 Jul 2019 19:15

Tgt Ion: 41 Resp: 547

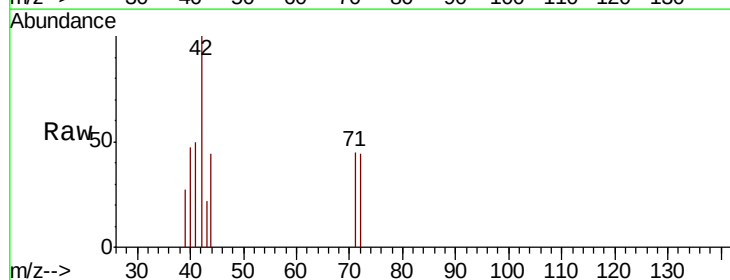
Ion Ratio Lower Upper

41 100

39 17.9 55.3 82.9#

67 0.0 79.2 118.8#

52 0.0 31.4 47.0#

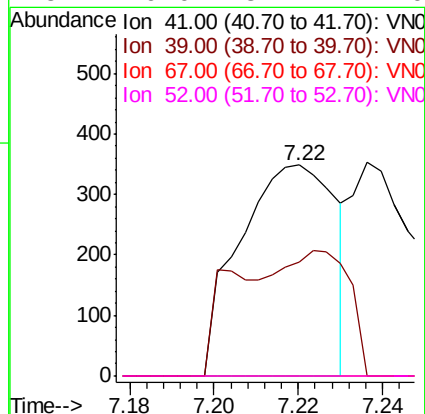
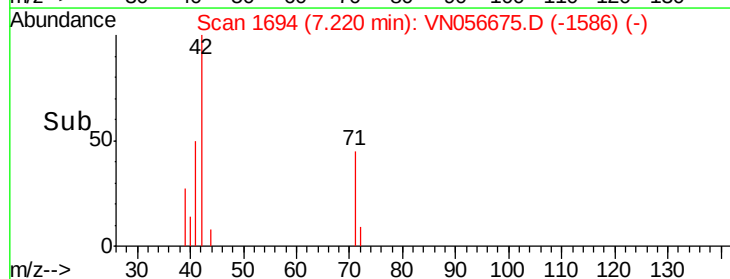


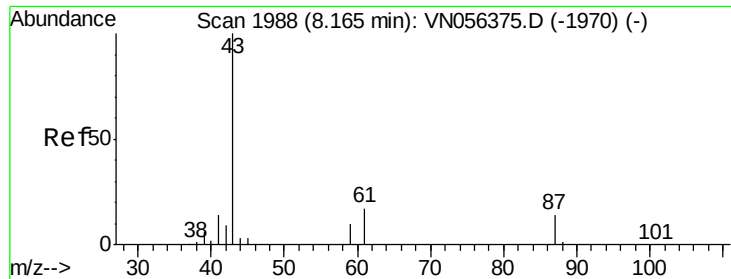
Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO





#43

Isopropyl Acetate

Concen: 2.794 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056675.D

Acq: 11 Jul 2019 19:15

Instrument :

MSVOA_N

ClientSampled :

COMP-24

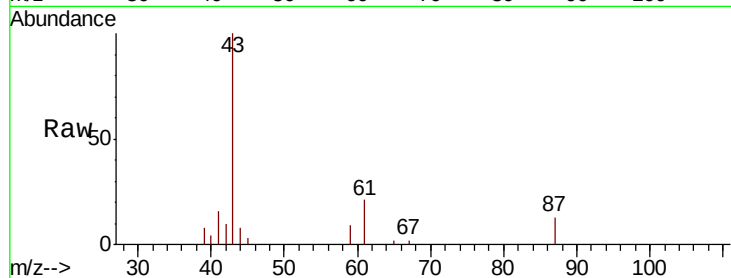
Tot Ion: 43 Resp: 17517

Ion Ratio Lower Upper

43 100

61 21.4 22.0 33.0#

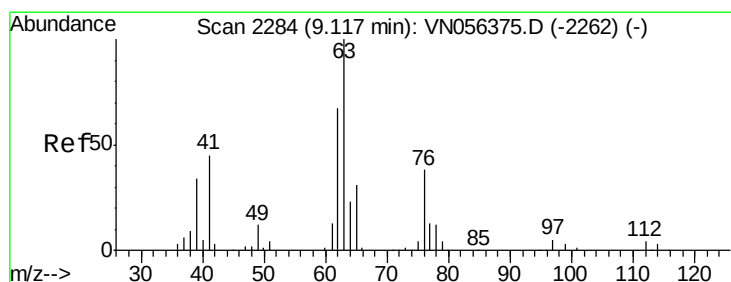
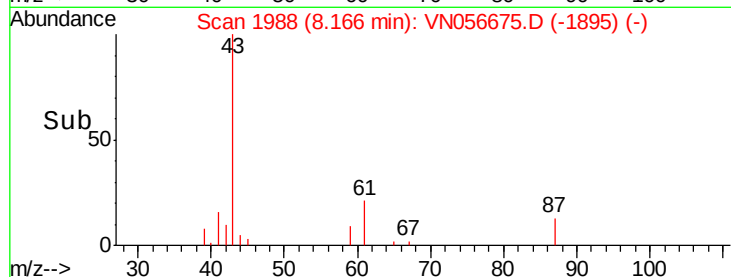
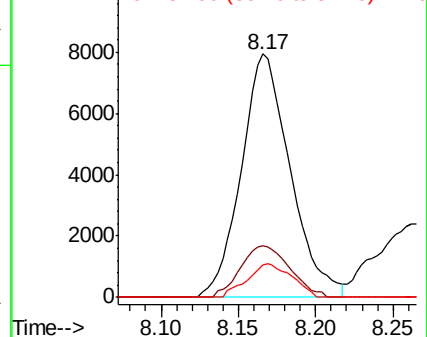
87 12.6 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.401 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN056675.D

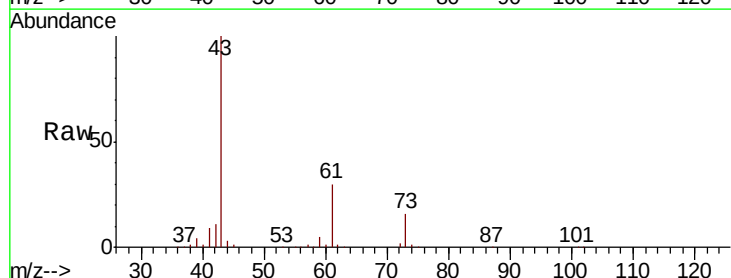
Acq: 11 Jul 2019 19:15

Tgt Ion: 63 Resp: 1366

Ion Ratio Lower Upper

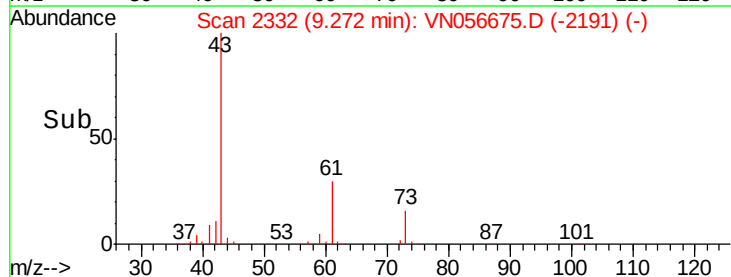
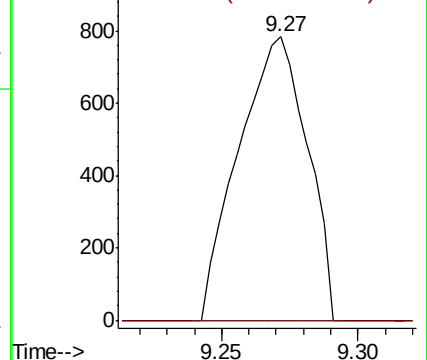
63 100

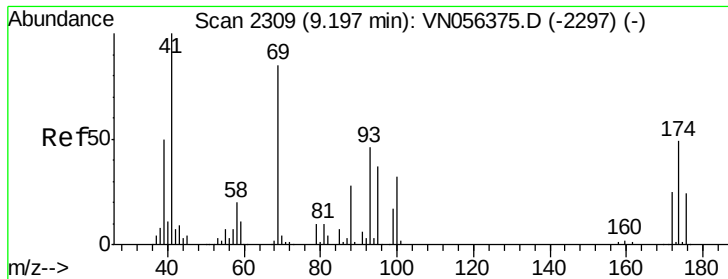
65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

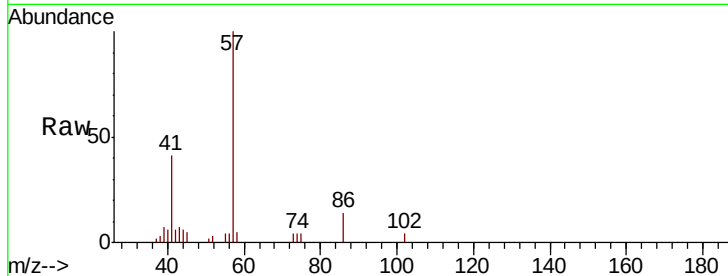




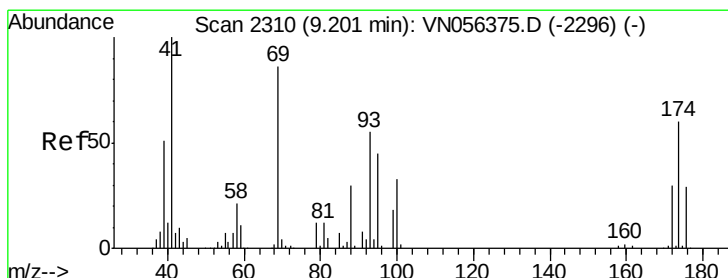
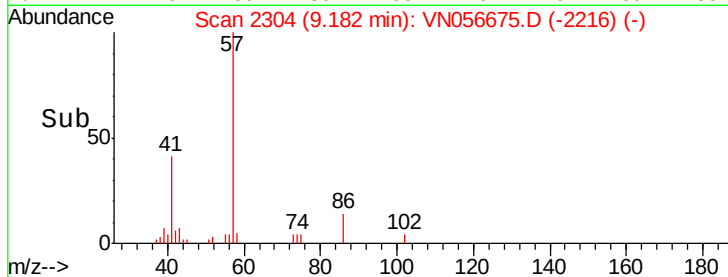
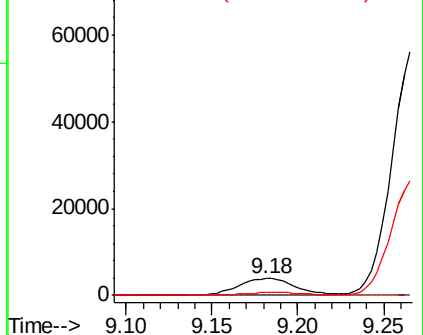
#48
Methvl methacrylate
Concen: 2.839 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN056675.D
Acq: 11 Jul 2019 19:15

Instrument :
MSVOA_N
ClientSampleId :
COMP-24

Tot Ion: 41 Resp: 8922
Ion Ratio Lower Upper
41 100
69 0.0 72.6 109.0#
39 0.0 42.6 63.8#

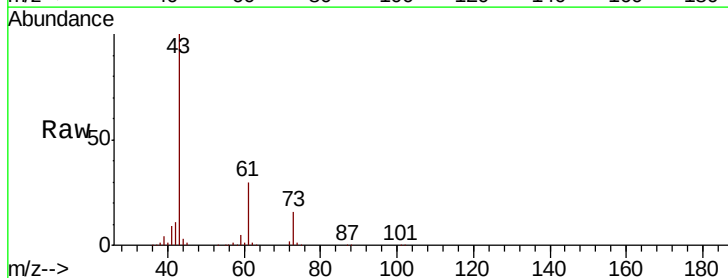


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

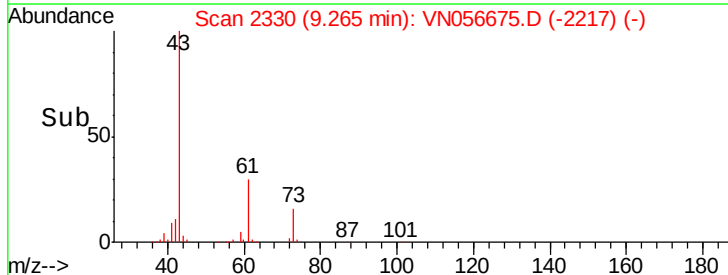
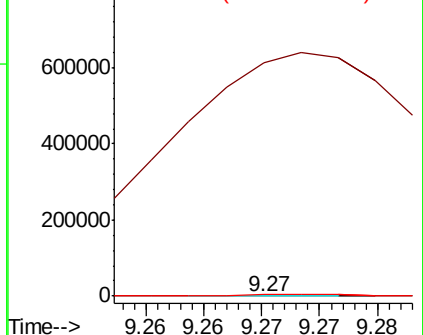


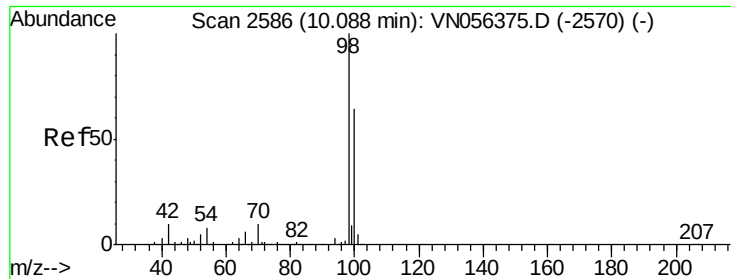
#49
1,4-Dioxane
Concen: 0.491 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.06 min
Lab File: VN056675.D
Acq: 11 Jul 2019 19:15

Tgt Ion: 88 Resp: 32
Ion Ratio Lower Upper
88 100
43 3762921.9 22.0 33.0#
58 17212.5 51.8 77.8#



Abundance Ion 88.00 (87.70 to 88.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO

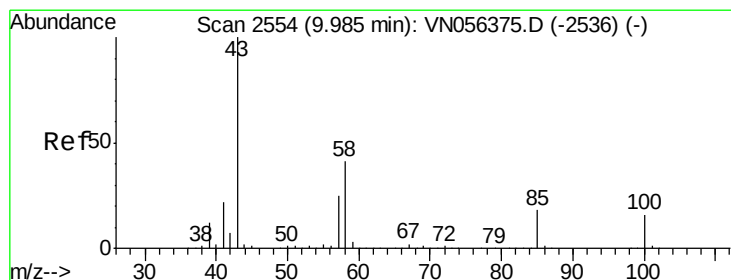
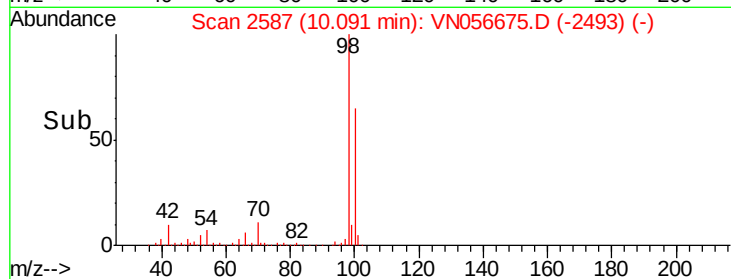
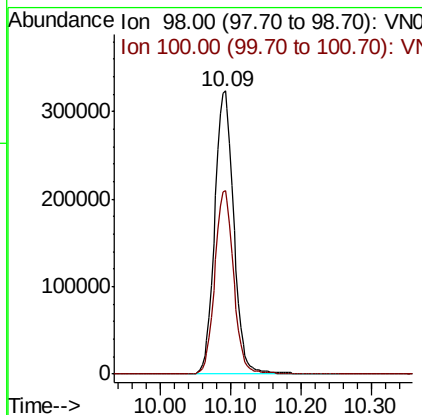
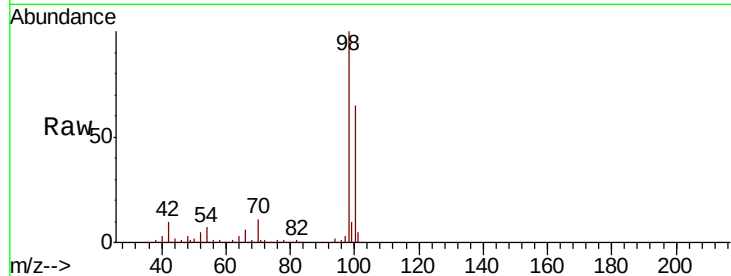




#50
Toluene-d8
Concen: 53.122 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056675.D
Acq: 11 Jul 2019 19:15

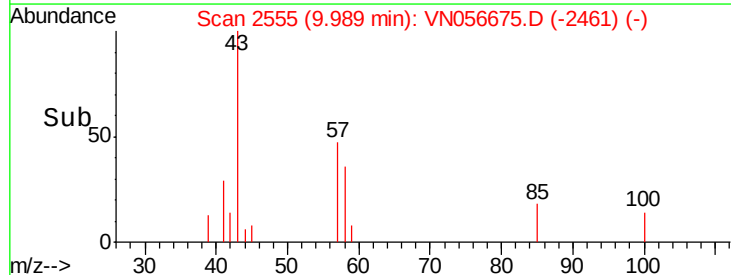
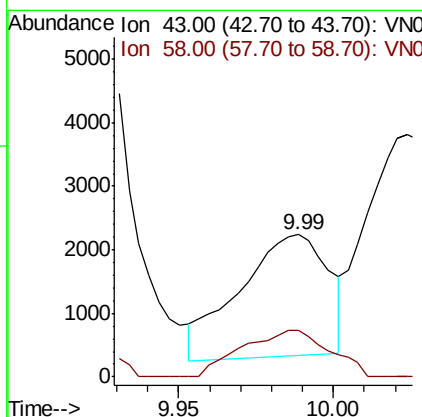
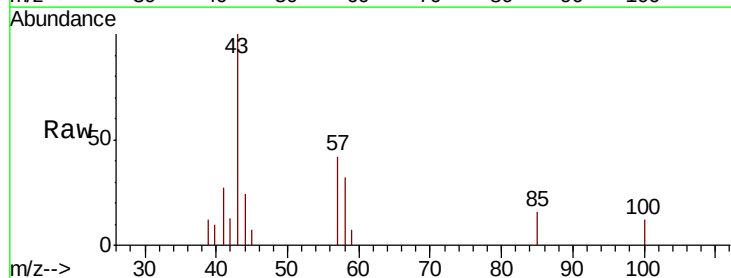
Instrument :
MSVOA_N
ClientSampled :
COMP-24

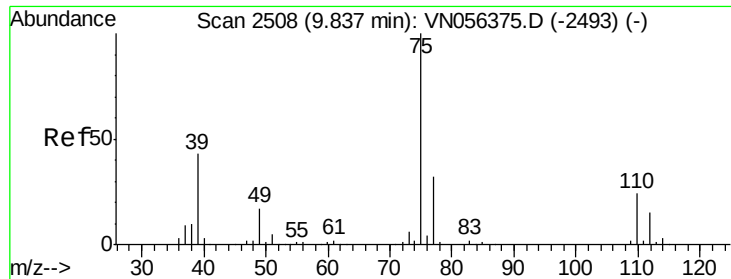
Tot Ion: 98 Resp: 606226
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 0.954 ug/l
RT: 9.99 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN056675.D
Acq: 11 Jul 2019 19:15

Tgt Ion: 43 Resp: 3862
Ion Ratio Lower Upper
43 100
58 37.3 31.8 47.8





#54

cis-1,3-Dichloropropene

Concen: 9.657 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056675.D

Acq: 11 Jul 2019 19:15

Instrument :

MSVOA_N

ClientSampleId :

COMP-24

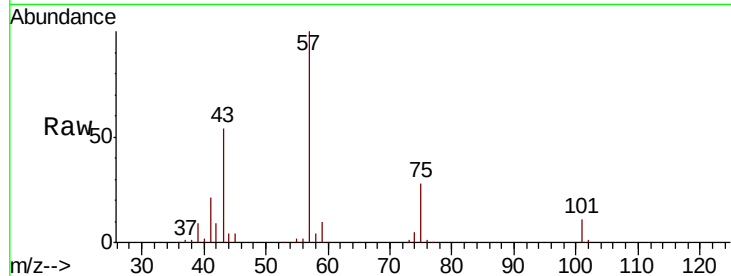
Tot Ion: 75 Resp: 43926

Ion Ratio Lower Upper

75 100

77 0.8 25.2 37.8#

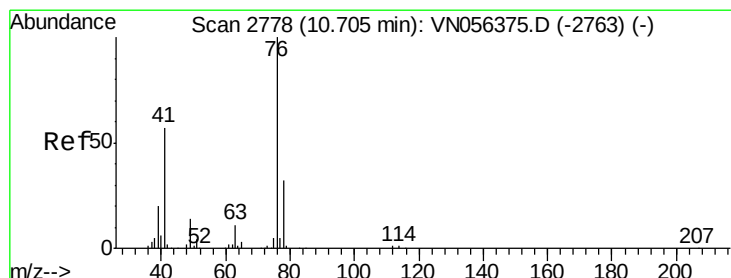
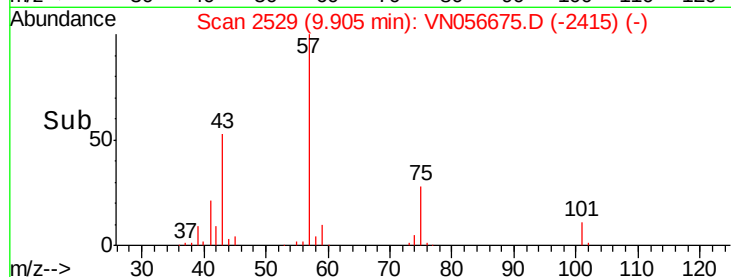
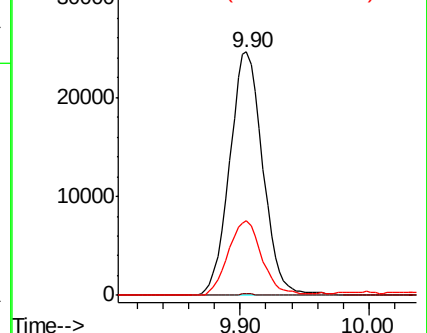
39 30.5 34.2 51.4#



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: 1.653 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.05 min

Lab File: VN056675.D

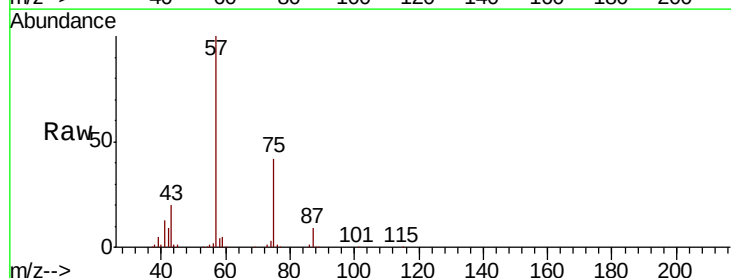
Acq: 11 Jul 2019 19:15

Tgt Ion: 76 Resp: 8687

Ion Ratio Lower Upper

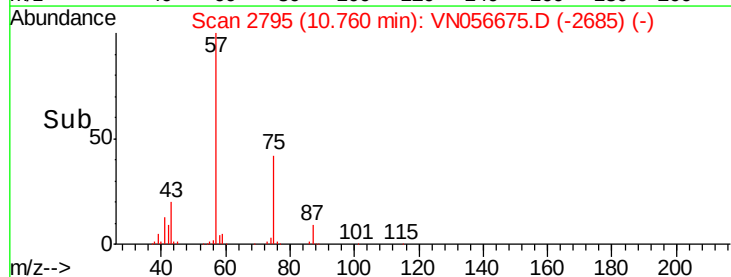
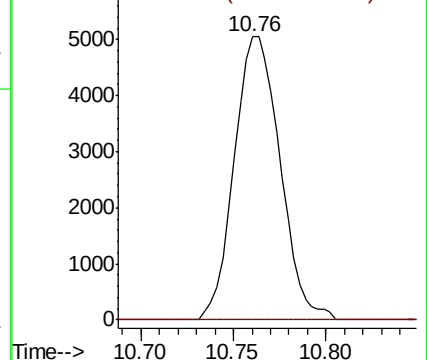
76 100

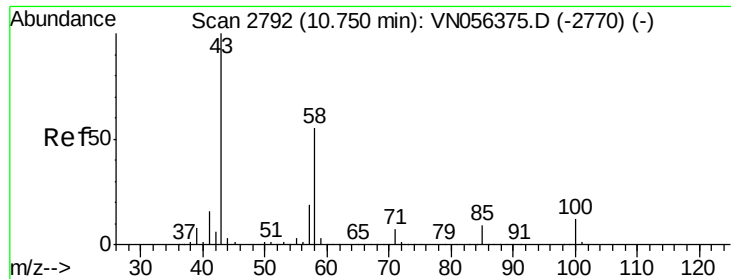
78 0.0 25.9 38.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0





#59

2-Hexanone

Concen: 39.294 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN056675.D

Acq: 11 Jul 2019 19:15

Instrument :

MSVOA_N

ClientSampled :

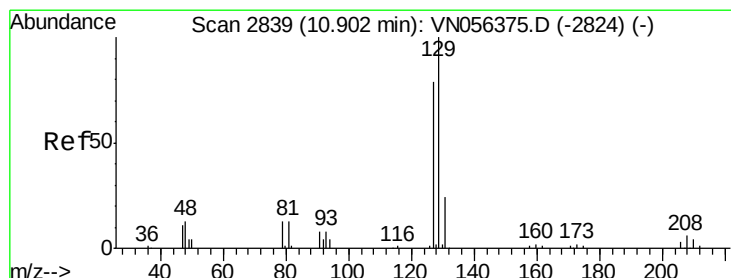
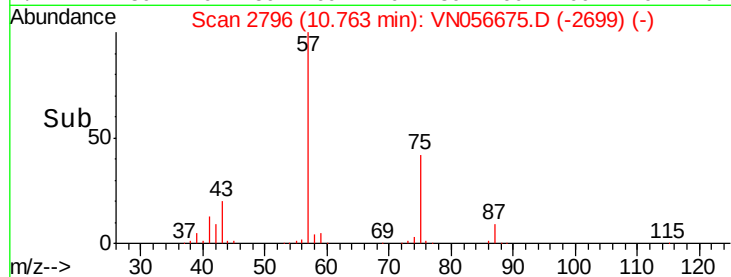
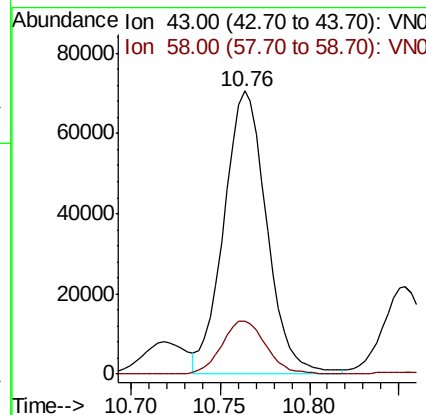
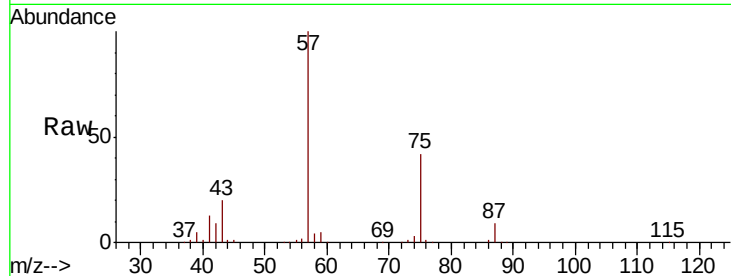
COMP-24

Tot Ion: 43 Resp: 116884

Ion Ratio Lower Upper

43 100

58 19.6 27.8 83.4#



#60

Dibromochloromethane

Concen: 2.391 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.27 min

Lab File: VN056675.D

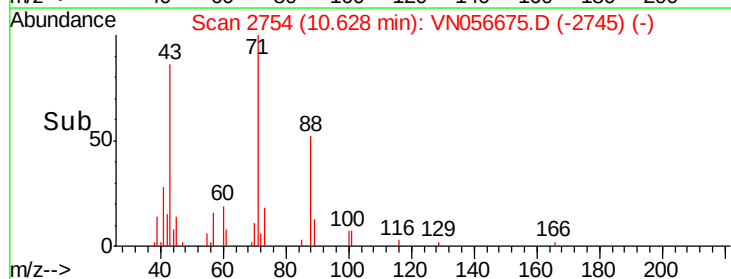
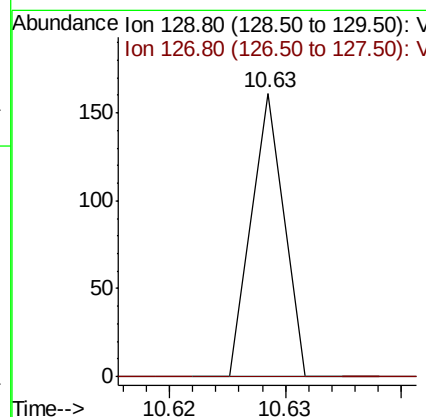
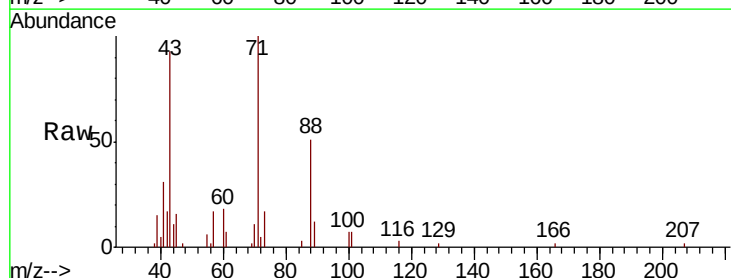
Acq: 11 Jul 2019 19:15

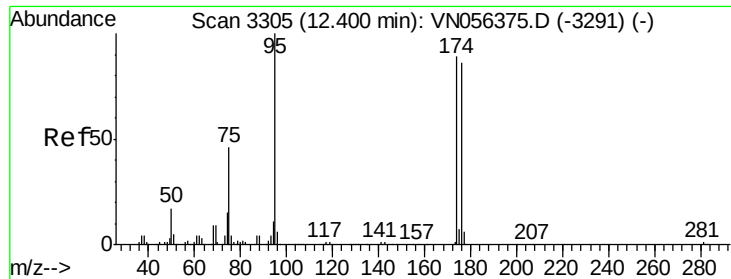
Tgt Ion: 129 Resp: 31

Ion Ratio Lower Upper

129 100

127 0.0 38.9 116.7#





#62

4-Bromofluorobenzene

Concen: 56.585 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056675.D

Acq: 11 Jul 2019 19:15

Instrument :

MSVOA_N

ClientSampleId :

COMP-24

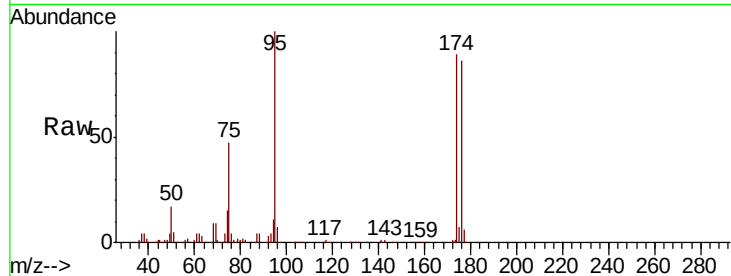
Tot Ion: 95 Resp: 215263

Ion Ratio Lower Upper

95 100

174 89.7 0.0 179.4

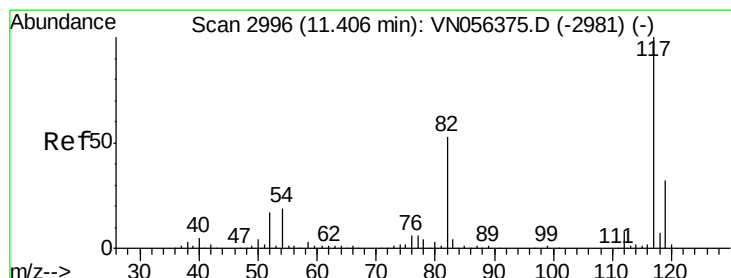
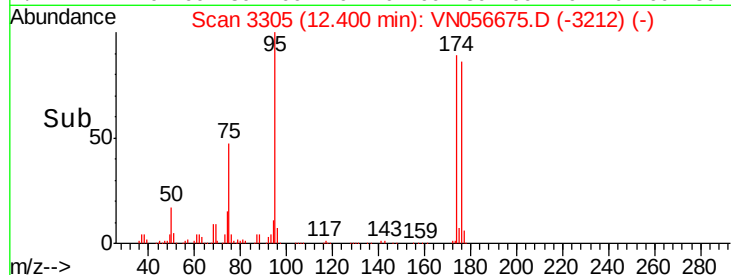
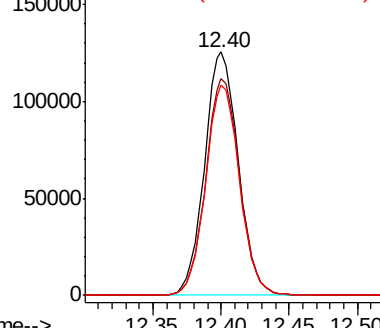
176 86.6 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056675.D

Acq: 11 Jul 2019 19:15

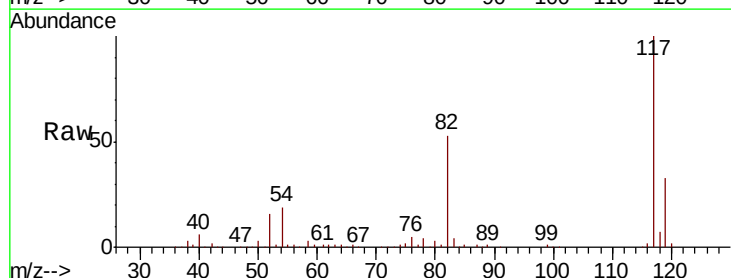
Tgt Ion: 117 Resp: 499913

Ion Ratio Lower Upper

117 100

82 53.3 42.0 63.0

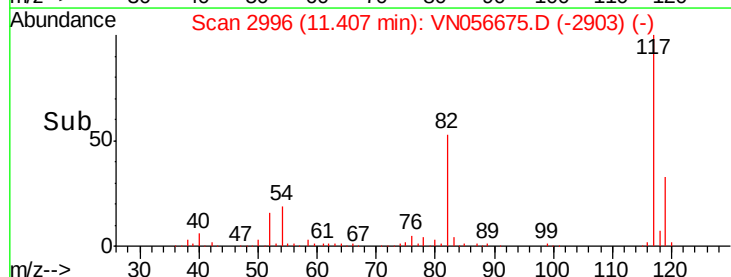
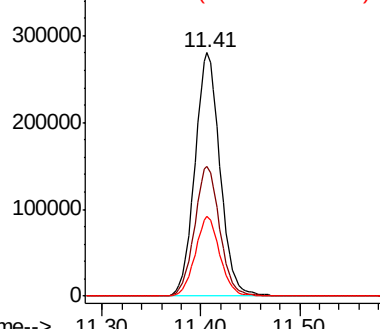
119 32.7 25.3 37.9

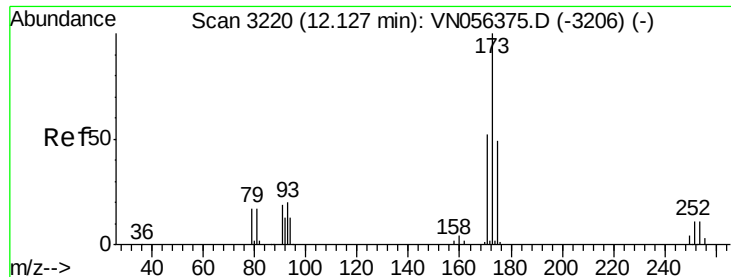


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#71

Bromoform

Concen: 3.715 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN056675.D

Acq: 11 Jul 2019 19:15

Instrument :

MSVOA_N

ClientSampleId :

COMP-24

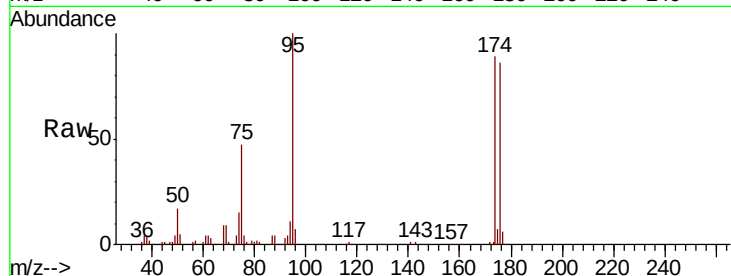
Tot Ion:173 Resp: 1674

Ion Ratio Lower Upper

173 100

175 773.5 24.4 73.4#

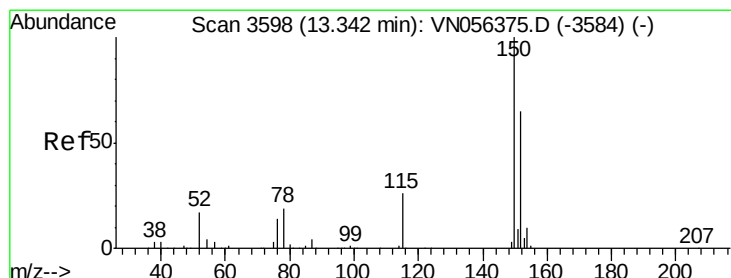
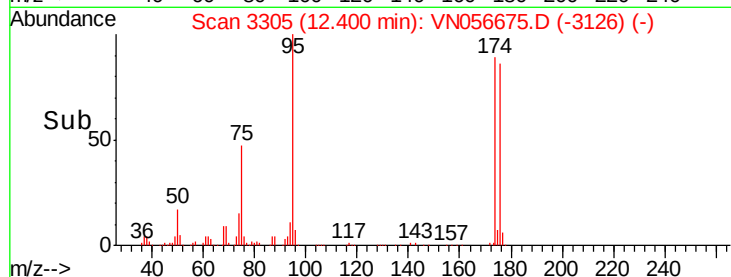
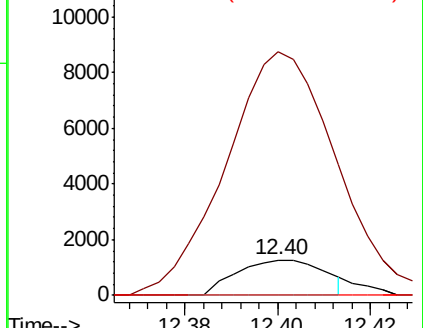
254 0.0 0.0 0.0



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: VN056675.D

Acq: 11 Jul 2019 19:15

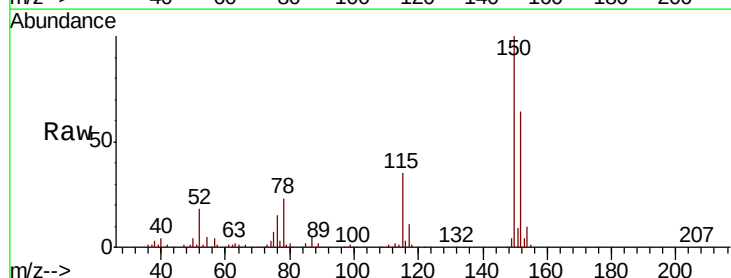
Tgt Ion:152 Resp: 183341

Ion Ratio Lower Upper

152 100

115 55.7 28.1 84.4

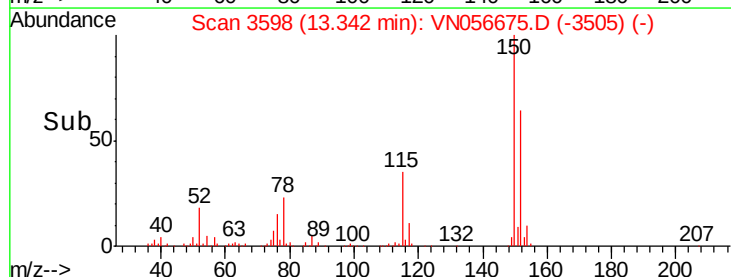
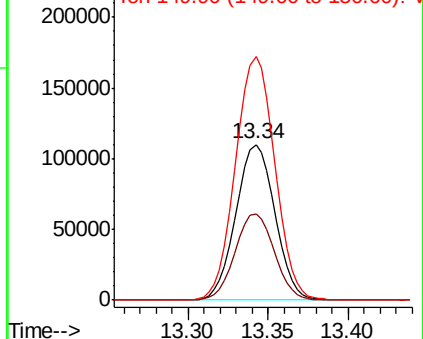
150 157.3 0.0 348.4

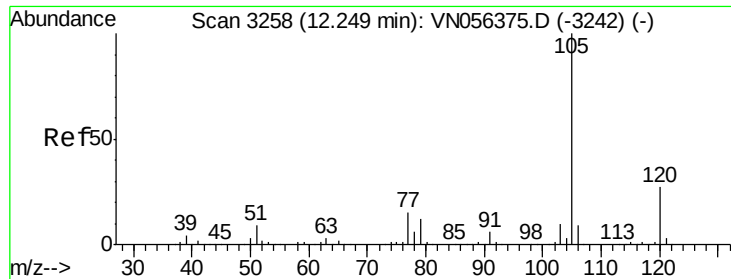


Abundance Ion 151.90 (151.60 to 152.60): V

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# 3259

Delta R.T. 0.00 min

Lab File: VN056675.D

Acq: 11 Jul 2019 19:15

Instrument :

MSVOA_N

ClientSampleId :

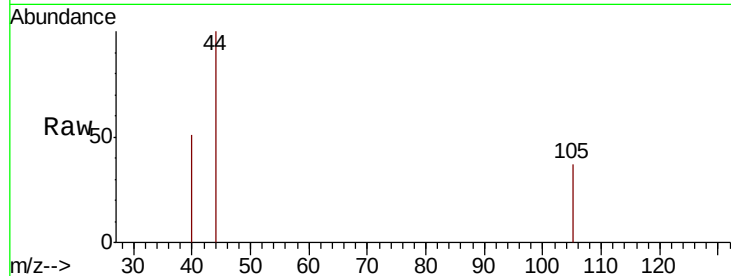
COMP-24

Tot Ion:105 Resp: 95

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

12.25

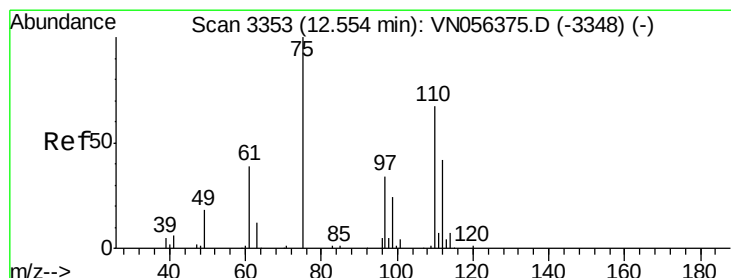
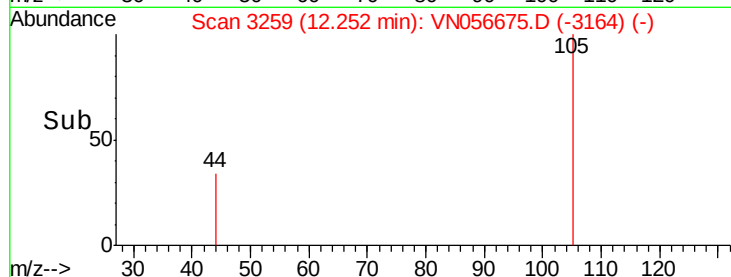
150

100

50

0

Time--> 12.23 12.24 12.25 12.26



#76

1,2,3-Trichloropropane

Concen: 26.221 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056675.D

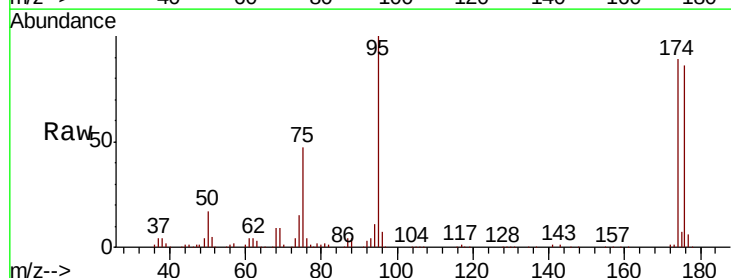
Acq: 11 Jul 2019 19:15

Tgt Ion: 75 Resp: 99683

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

12.40

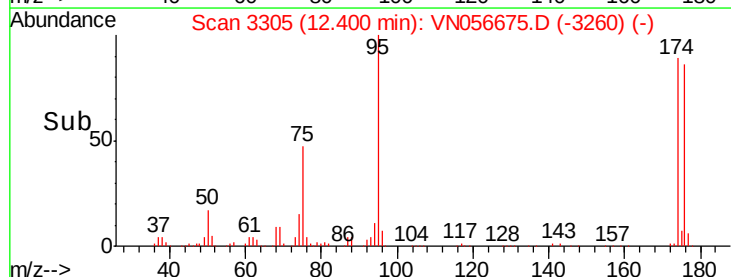
60000

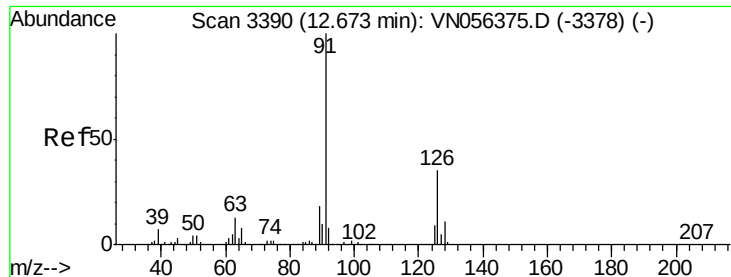
40000

20000

0

Time--> 12.35 12.40 12.45





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.73 min Scan# 3407

Delta R.T. 0.06 min

Lab File: VN056675.D

Acq: 11 Jul 2019 19:15

Instrument :

MSVOA_N

ClientSampleId :

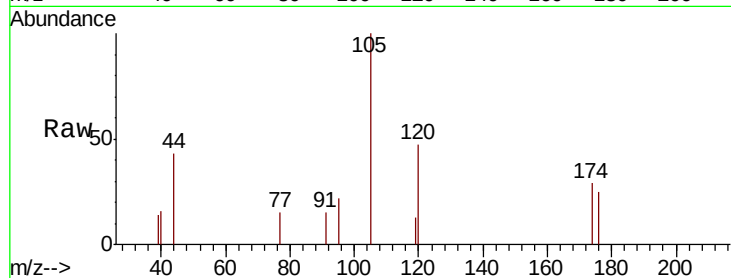
COMP-24

Tot Ion: 91 Resp: 104

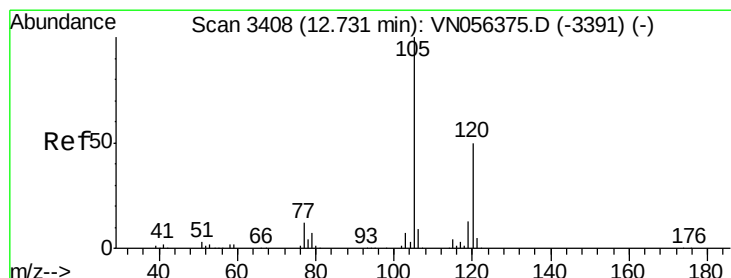
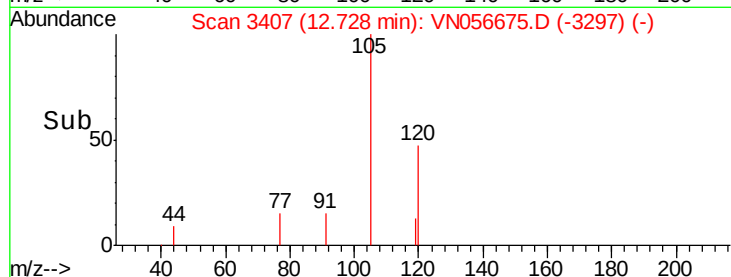
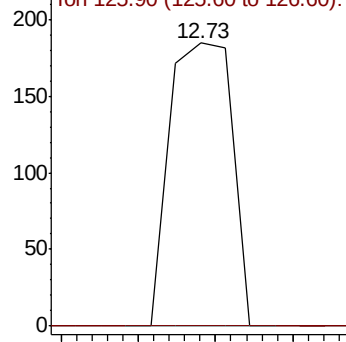
Ion Ratio Lower Upper

91 100

126 0.0 17.6 52.8#



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



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN056675.D

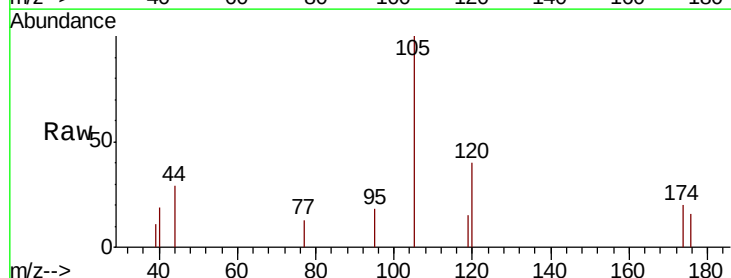
Acq: 11 Jul 2019 19:15

Tgt Ion: 105 Resp: 2484

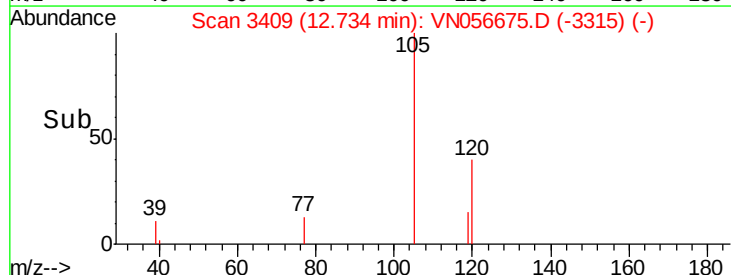
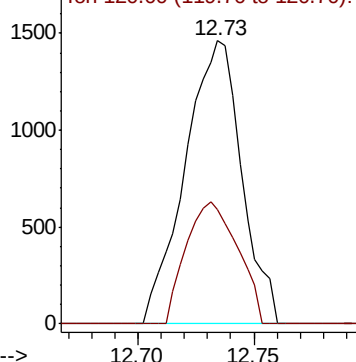
Ion Ratio Lower Upper

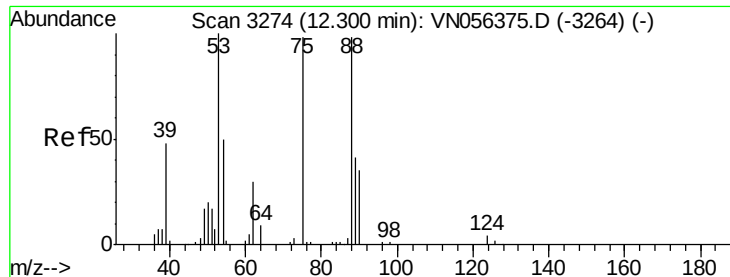
105 100

120 39.3 24.8 74.4



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





#81

trans-1,4-Dichloro-2-butene

Concen: 93.194 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056675.D

Acq: 11 Jul 2019 19:15

Instrument :

MSVOA_N

ClientSampled :

COMP-24

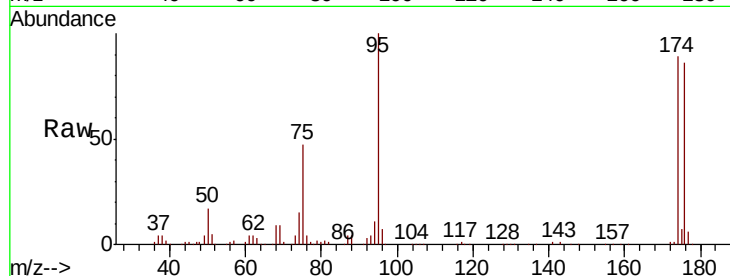
Tot Ion: 75 Resp: 99683

Ion Ratio Lower Upper

75 100

53 0.0 83.9 125.9#

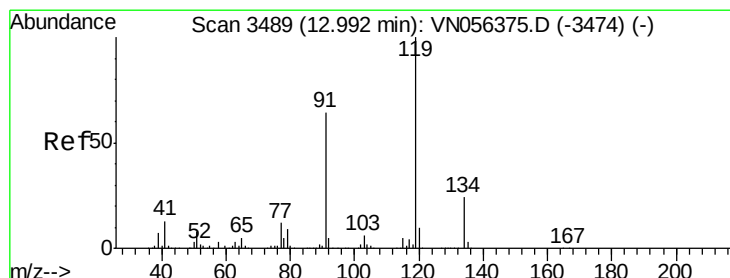
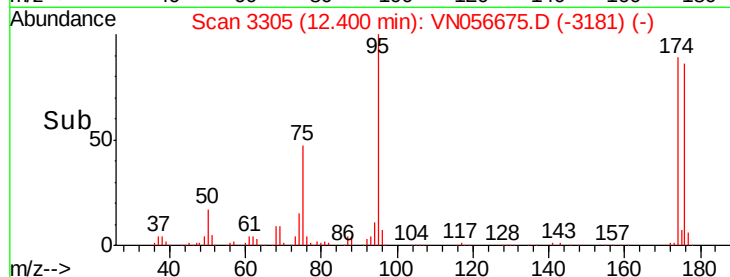
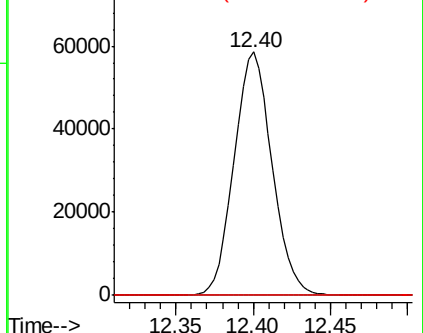
89 0.0 35.0 52.6#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.74 min Scan# 3411

Delta R.T. -0.25 min

Lab File: VN056675.D

Acq: 11 Jul 2019 19:15

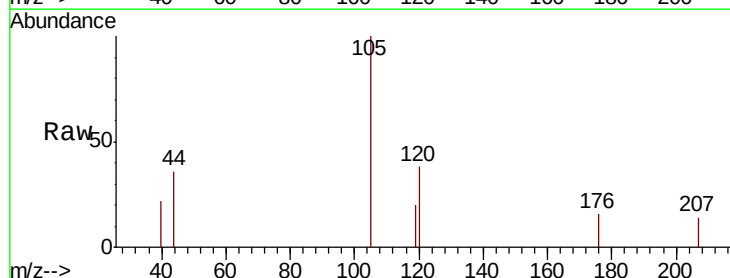
Tgt Ion: 119 Resp: 245

Ion Ratio Lower Upper

119 100

91 42.4 31.6 94.7

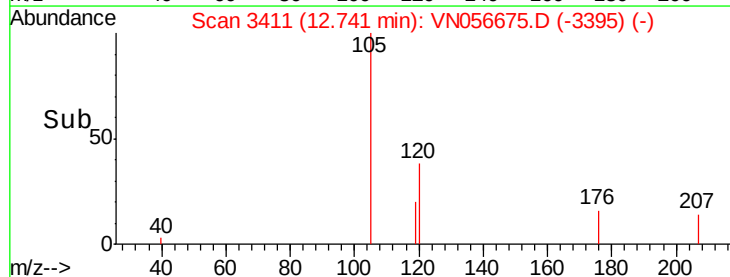
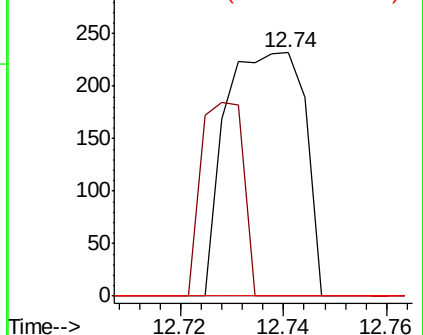
134 0.0 13.2 39.5#

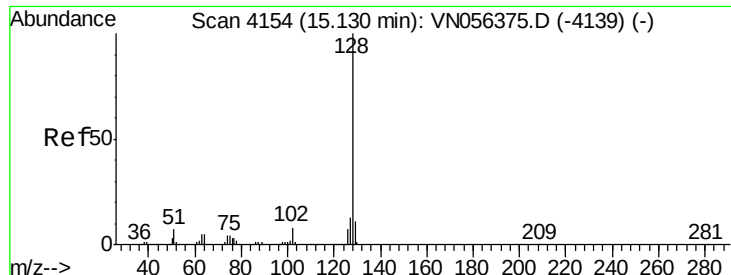


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V





#95

Naphthalene

Concen: 5.351 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056675.D

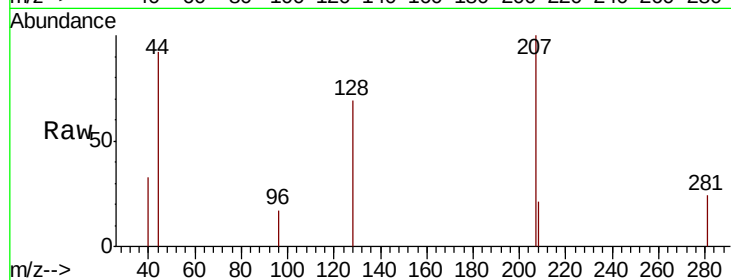
Acq: 11 Jul 2019 19:15

Instrument :

MSVOA_N

ClientSampleId :

COMP-24



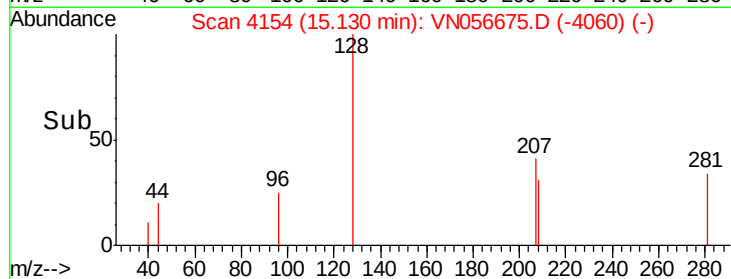
Tot Ion:128 Resp: 1001

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 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

