

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056166.D
 Acq On : 10 Jun 2019 13:42
 Operator : JC/SP
 Sample : K3255-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 11 02:19:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	308653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	472523	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	459495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147844	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	166380	54.29	ug/l	0.00
Spiked Amount			Recovery	=	108.58%	
35) Dibromofluoromethane	7.59	113	152720	52.68	ug/l	0.00
Spiked Amount			Recovery	=	105.36%	
50) Toluene-d8	10.09	98	605787	54.30	ug/l	0.00
Spiked Amount			Recovery	=	108.60%	
62) 4-Bromofluorobenzene	12.40	95	191960	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	

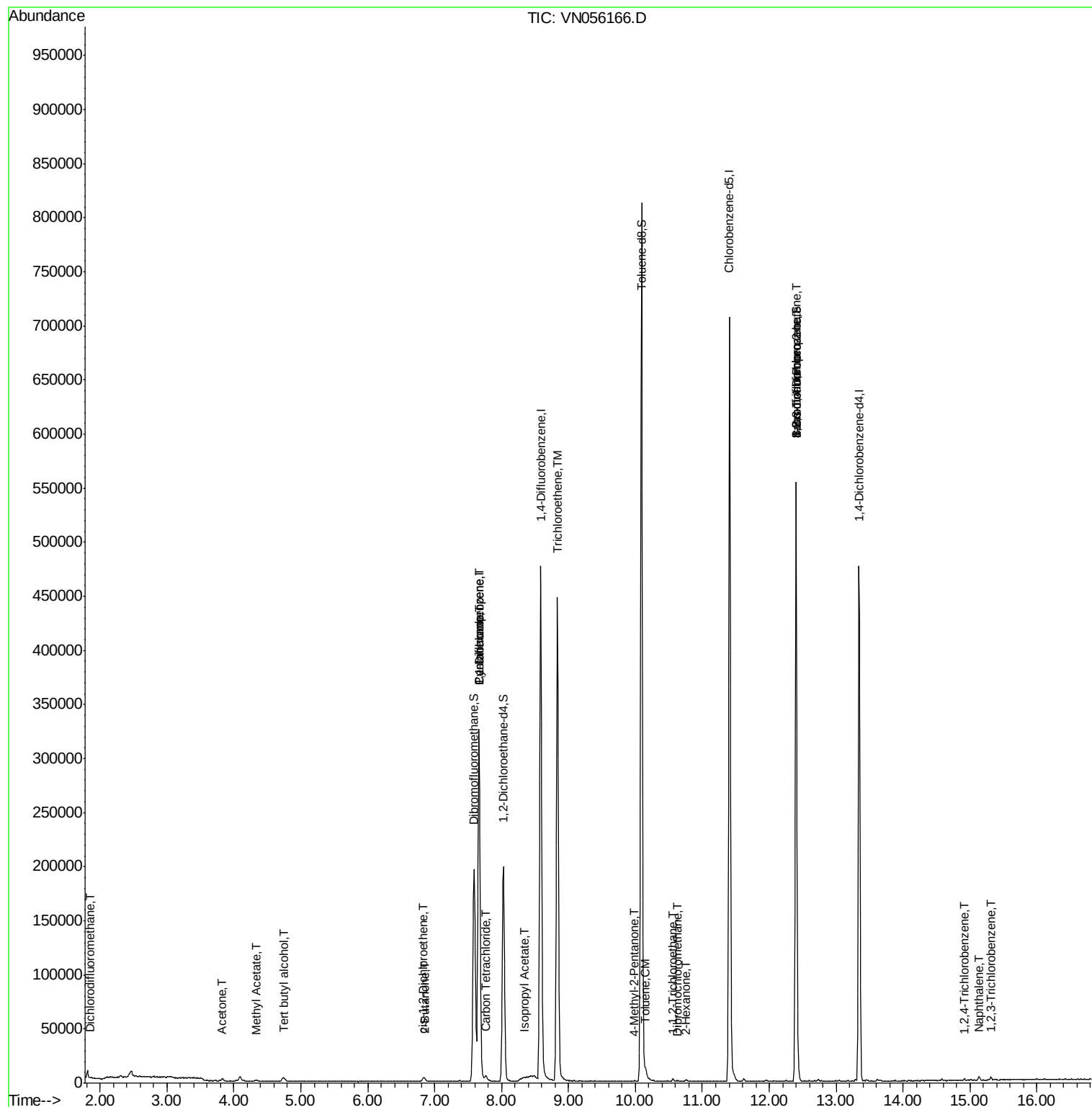
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	171	0.405	ug/l #	42
11) Tert butyl alcohol	4.74	59	1979	3.711	ug/l #	74
16) Acetone	3.81	43	1869	1.275	ug/l #	86
18) Methyl Acetate	4.33	43	2521	0.301	ug/l #	65
25) 2-Butanone	6.86	43	1665	0.899	ug/l #	47
27) cis-1,2-Dichloroethene	6.82	96	1537	0.471	ug/l	79
31) Cyclohexane	7.66	56	4430	0.911	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	18283	4.500	ug/l #	48
38) Carbon Tetrachloride	7.76	117	3524	0.941	ug/l	91
43) Isopropyl Acetate	8.34	43	5722	0.977	ug/l #	53
44) Trichloroethene	8.83	130	183708	51.807	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	857	0.234	ug/l #	35
52) Toluene	10.15	92	2440	0.318	ug/l	94
55) 1,1,2-Trichloroethane	10.57	97	752	0.247	ug/l	93
59) 2-Hexanone	10.76	43	1504	0.566	ug/l	72
60) Dibromochloromethane	10.63	129	58	2.468	ug/l #	11
71) Bromoform	12.40	173	1462	3.263	ug/l #	1
73) Isopropylbenzene	12.25	105	669	Below Cal	#	66
76) 1,2,3-Trichloropropane	12.40	75	89321	32.834	ug/l #	100
79) 2-Chlorotoluene	12.77	91	692	Below Cal		77
81) trans-1,4-Dichloro-2-buten	12.40	75	89321	109.343	ug/l #	15
83) tert-Butylbenzene	12.99	119	501	Below Cal	#	76
93) 1,2,4-Trichlorobenzene	14.91	180	1036	4.617	ug/l #	83
94) Hexachlorobutadiene	15.01	225	459	Below Cal	#	51
95) Naphthalene	15.13	128	4234	4.404	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.31	180	1389	3.501	ug/l	91

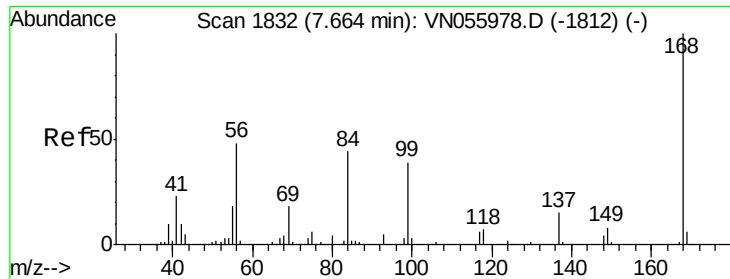
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

Quant Time: Jun 11 02:19:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056166.D

Acq: 10 Jun 2019 13:42

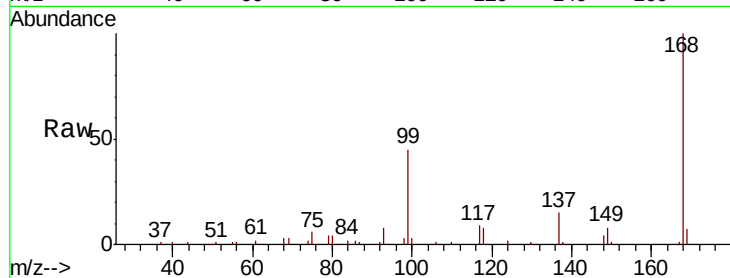
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 308653

Ion Ratio Lower Upper

168 100

99 44.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

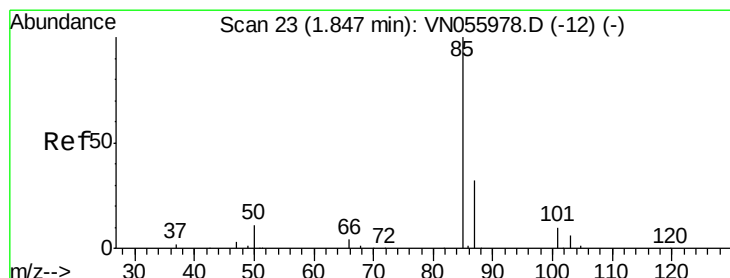
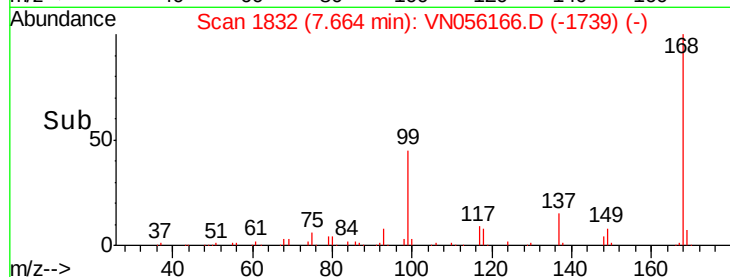
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.405 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN056166.D

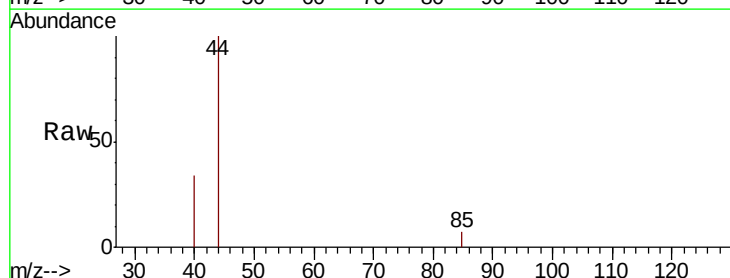
Acq: 10 Jun 2019 13:42

Tgt Ion: 85 Resp: 171

Ion Ratio Lower Upper

85 100

87 0.0 16.1 48.3#



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

300

250

200

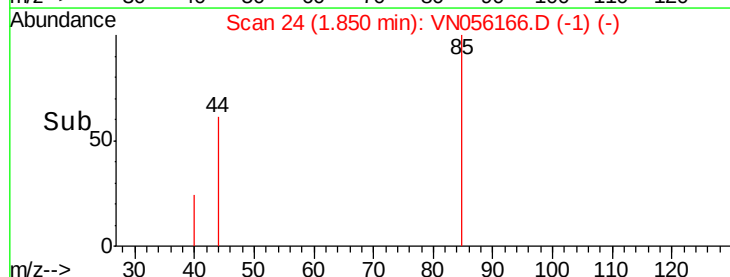
150

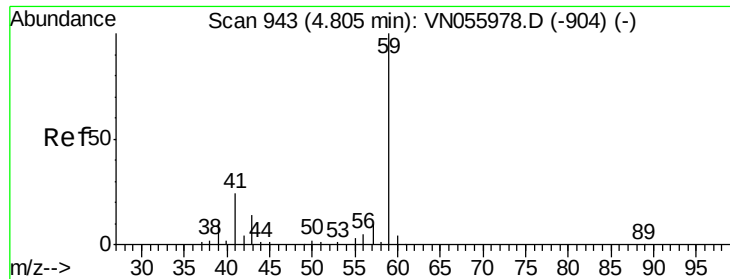
100

50

0

Time-->

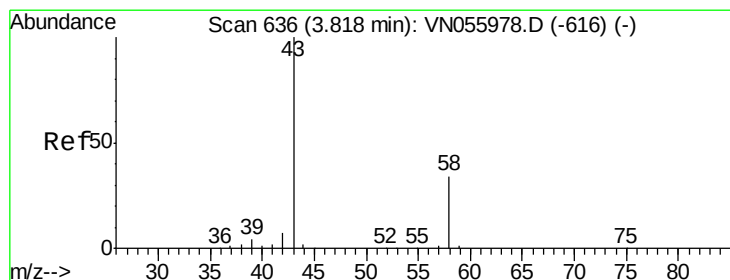
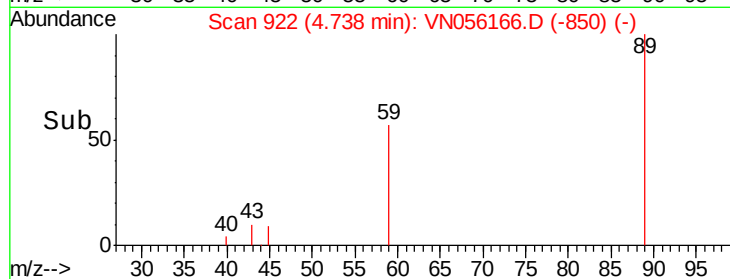
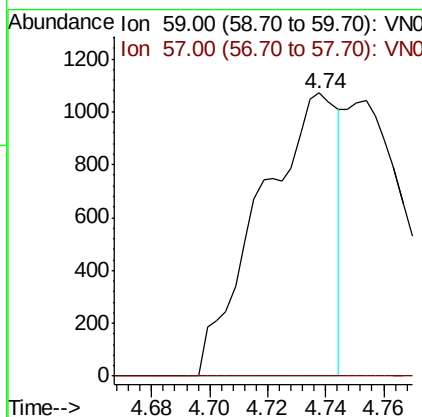
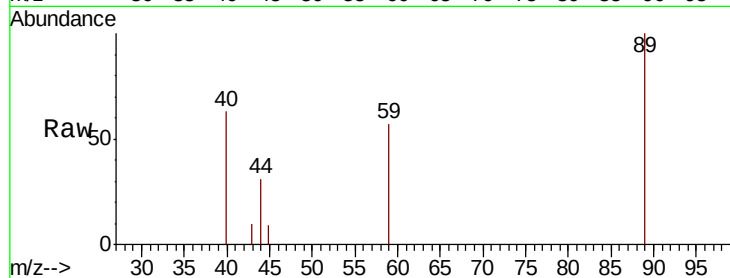




#11
Tert butyl alcohol
Concen: 3.711 ug/l
RT: 4.74 min Scan# 922
Delta R.T. -0.07 min
Lab File: VN056166.D
Acq: 10 Jun 2019 13:42

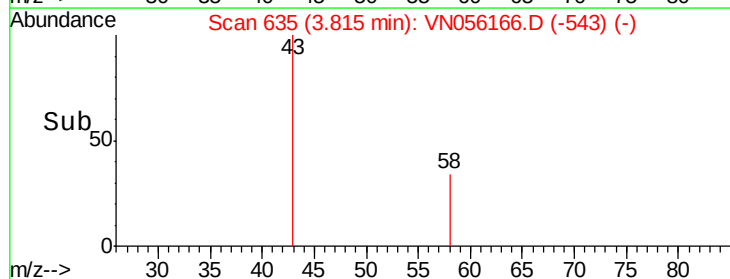
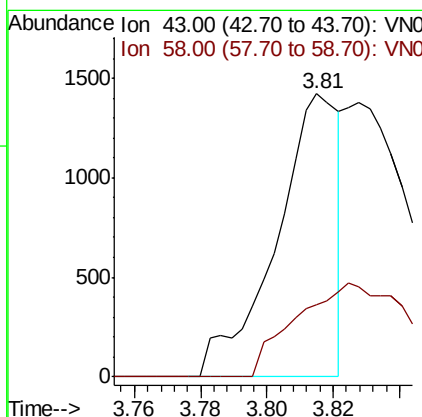
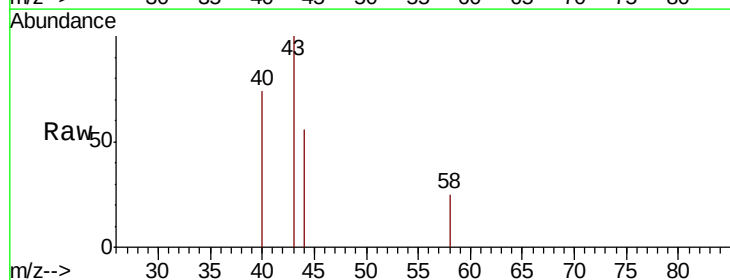
Instrument :
MSVOA_N
ClientSampled :

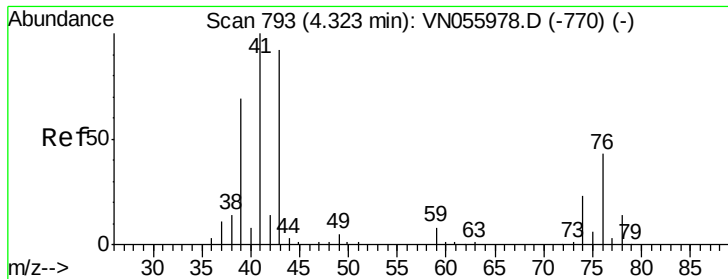
Tot Ion: 59 Resp: 1979
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 1.275 ug/l
RT: 3.81 min Scan# 635
Delta R.T. -0.00 min
Lab File: VN056166.D
Acq: 10 Jun 2019 13:42

Tgt Ion: 43 Resp: 1869
Ion Ratio Lower Upper
43 100
58 25.3 26.6 39.8#

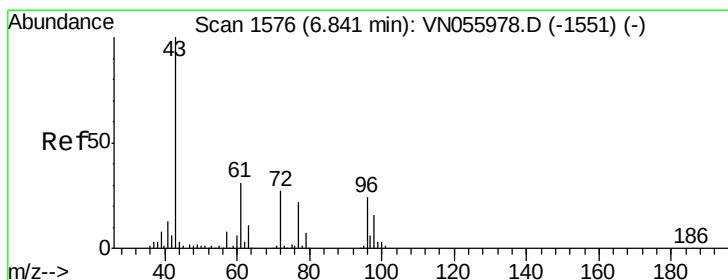
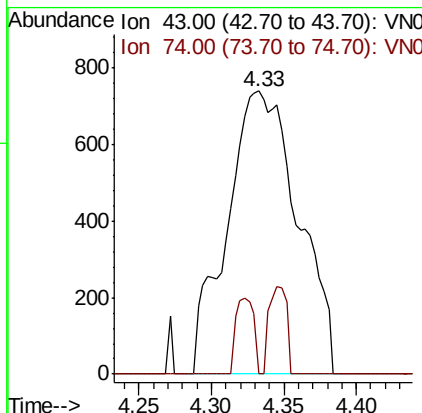
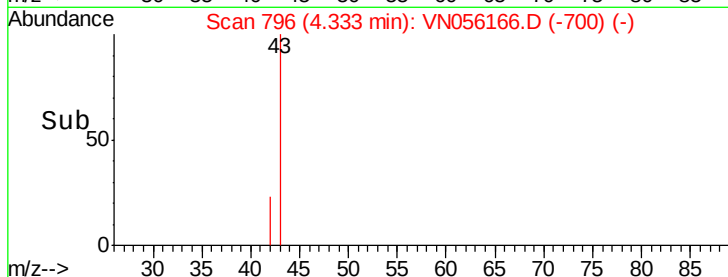
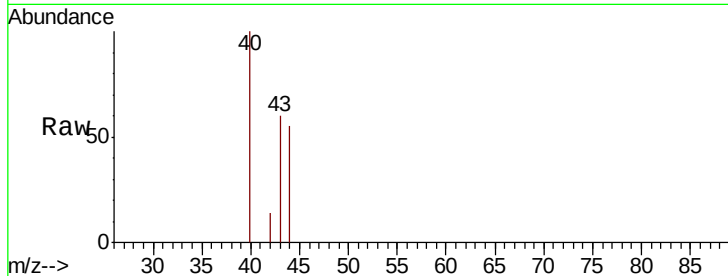




#18
Methvl Acetate
Concen: 0.301 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN056166.D
Acq: 10 Jun 2019 13:42

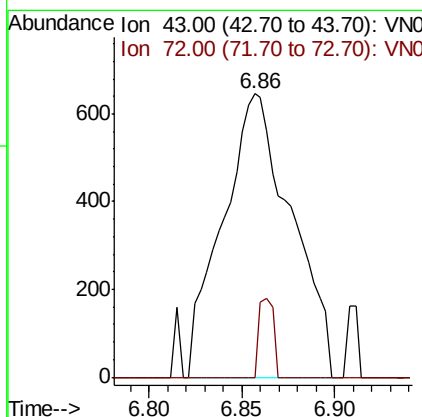
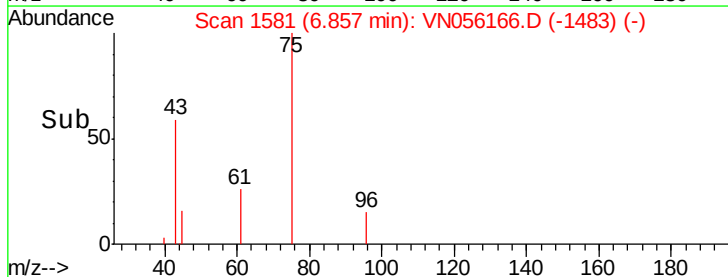
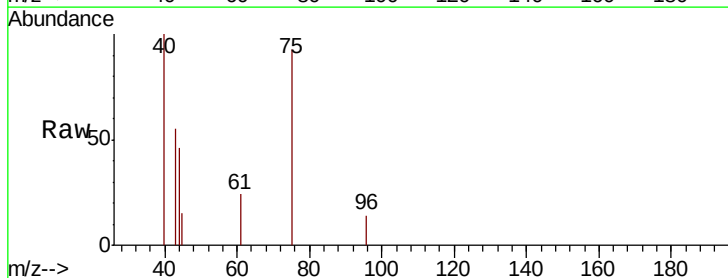
Instrument :
MSVOA_N
ClientSampled :

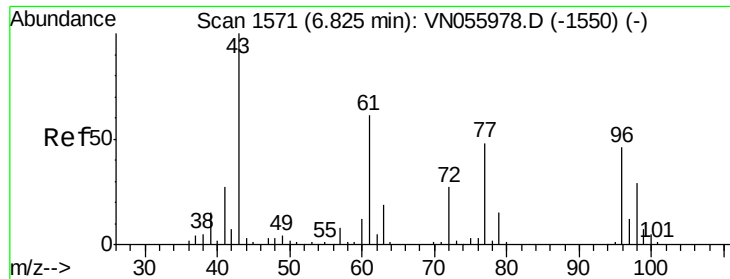
Tot Ion: 43 Resp: 2521
Ion Ratio Lower Upper
43 100
74 6.8 19.3 28.9#



#25
2-Butanone
Concen: 0.899 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.02 min
Lab File: VN056166.D
Acq: 10 Jun 2019 13:42

Tgt Ion: 43 Resp: 1665
Ion Ratio Lower Upper
43 100
72 0.0 21.9 32.9#





#27

cis-1,2-Dichloroethene

Concen: 0.471 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN056166.D

Acq: 10 Jun 2019 13:42

Instrument :
MSVOA_N
ClientSampleId :

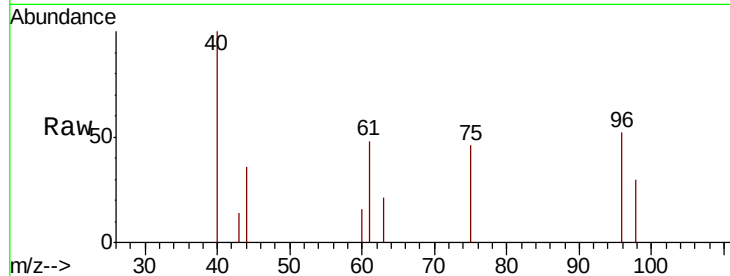
Tot Ion: 96 Resp: 1537

Ion Ratio Lower Upper

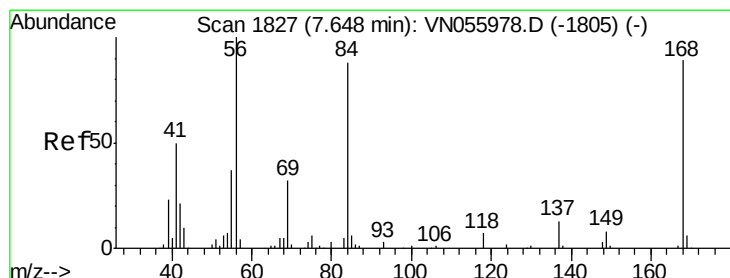
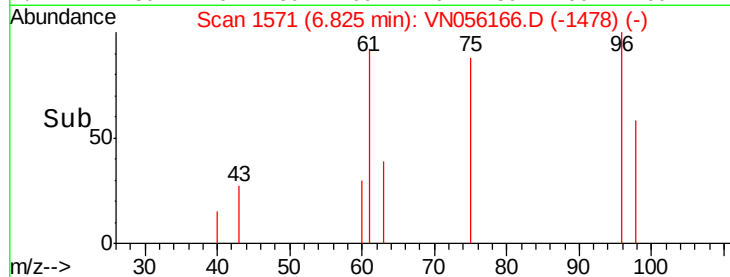
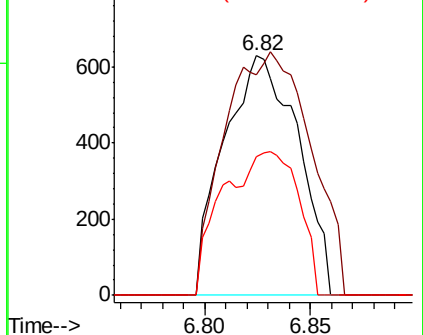
96 100

61 118.2 0.0 275.8

98 39.2 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#31

Cyclohexane

Concen: 0.911 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN056166.D

Acq: 10 Jun 2019 13:42

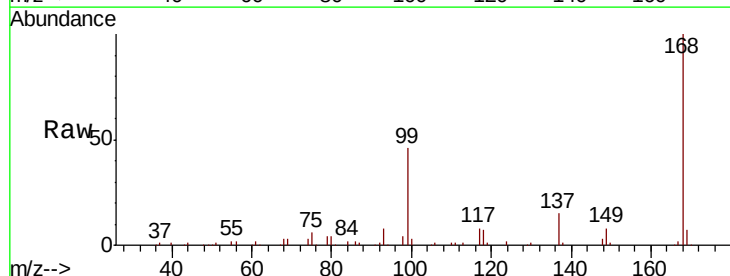
Tgt Ion: 56 Resp: 4430

Ion Ratio Lower Upper

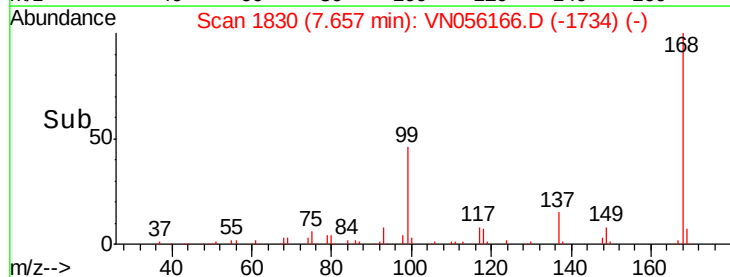
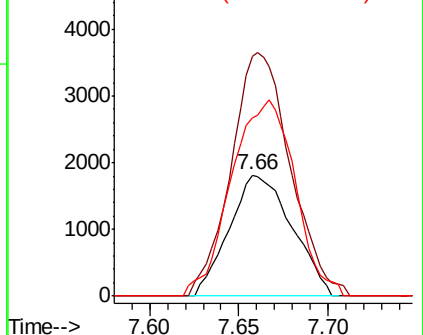
56 100

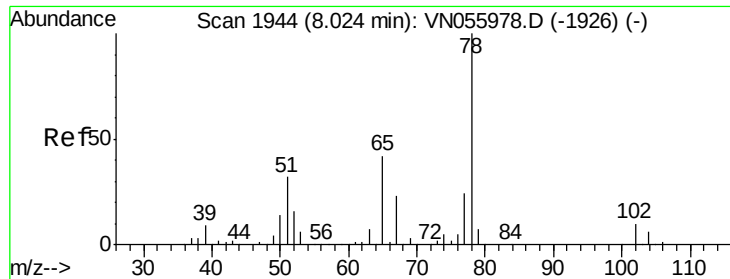
69 198.2 25.6 38.4#

84 138.1 67.4 101.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

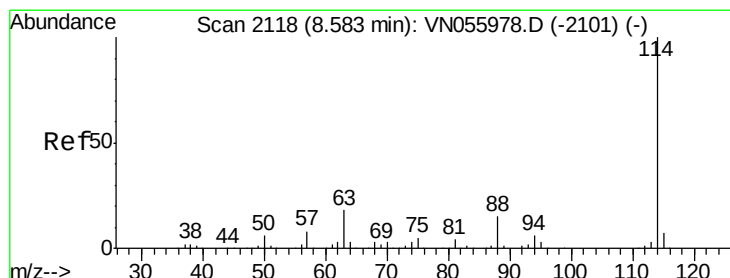
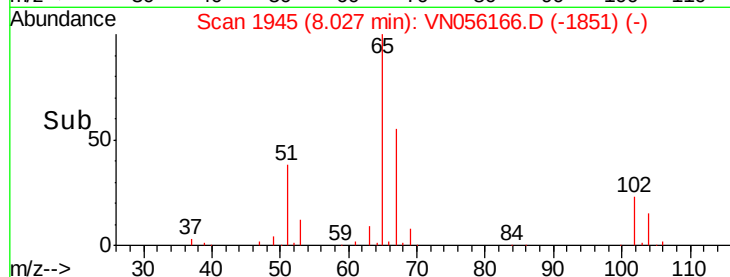
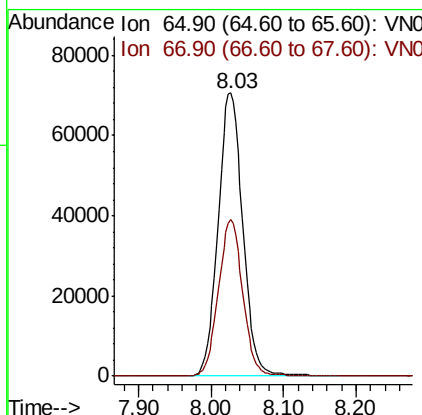
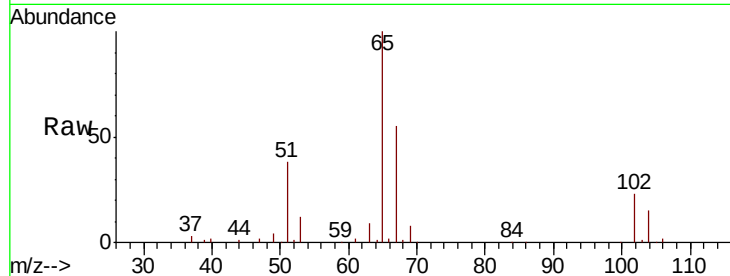




#33
 1,2-Dichloroethane-d4
 Concen: 54.290 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056166.D
 Acq: 10 Jun 2019 13:42

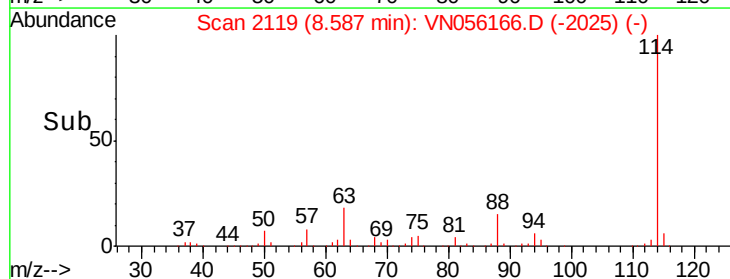
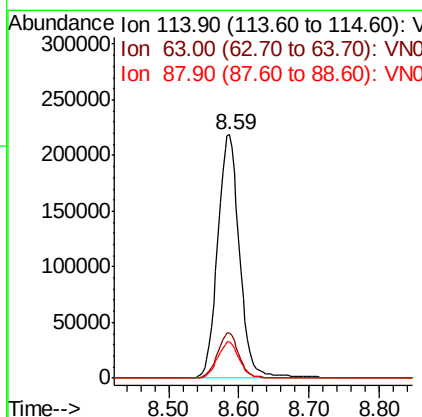
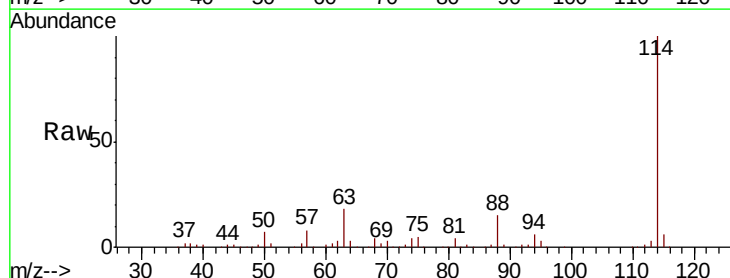
Instrument :
 MSVOA_N
 ClientSampleId :

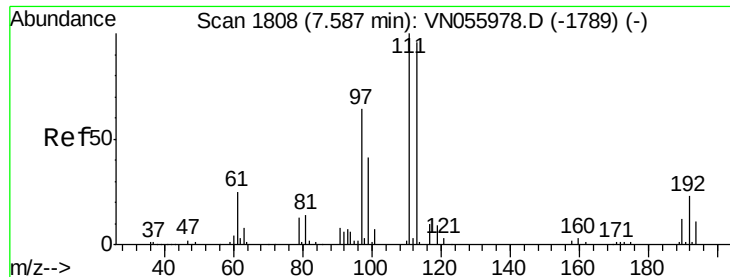
Tot Ion: 65 Resp: 166380
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056166.D
 Acq: 10 Jun 2019 13:42

Tgt Ion: 114 Resp: 472523
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.2
 88 15.0 0.0 31.0

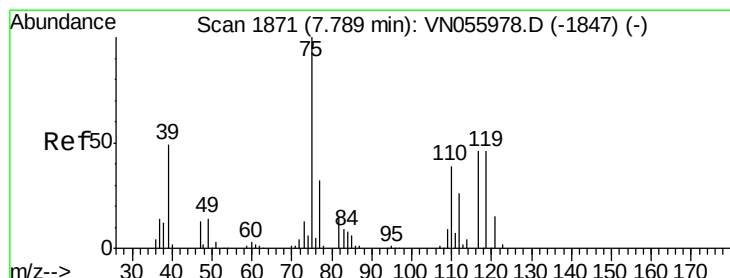
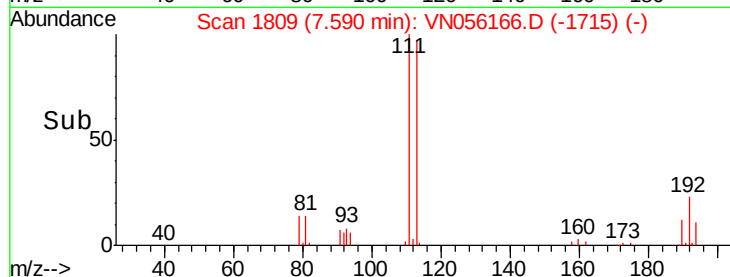
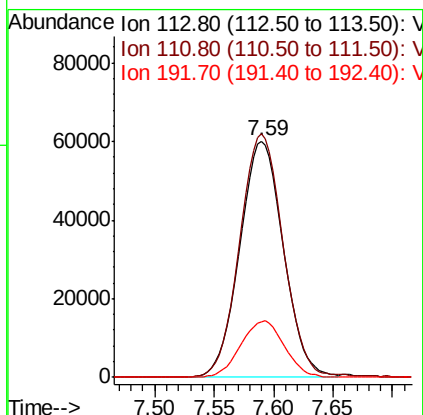
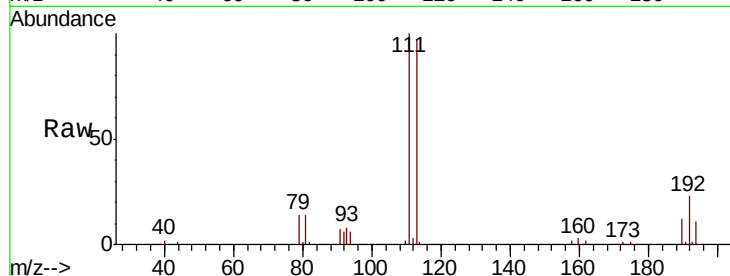




#35
 Dibromofluoromethane
 Concen: 52.679 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056166.D
 Acq: 10 Jun 2019 13:42

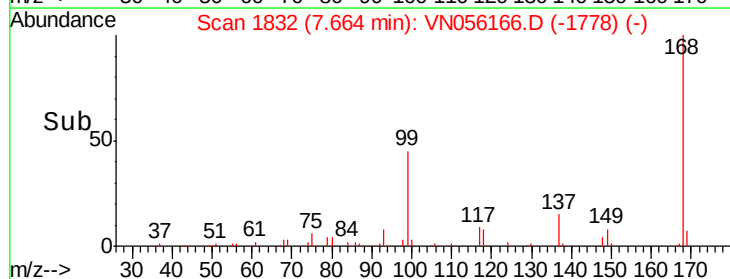
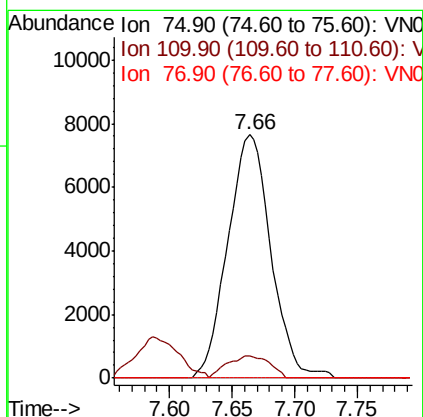
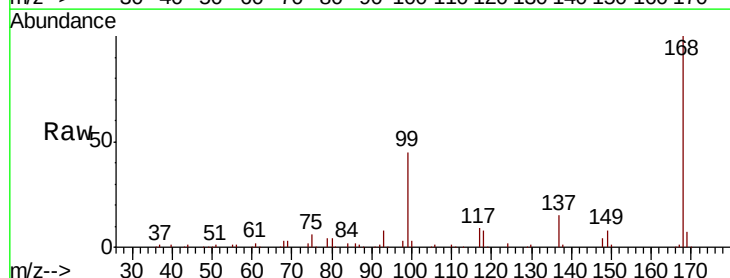
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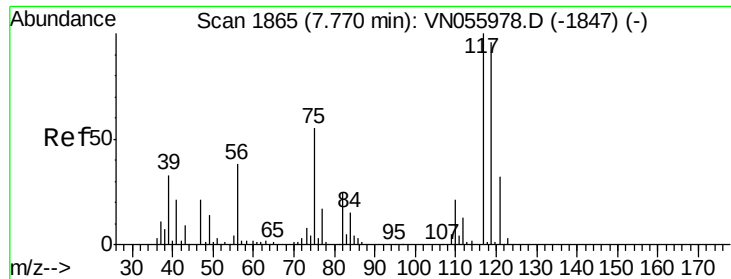
Tot Ion:113 Resp: 152720
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.9 122.9
 192 23.9 19.5 29.3



#36
 1,1-Dichloropropene
 Concen: 4.500 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056166.D
 Acq: 10 Jun 2019 13:42

Tgt Ion: 75 Resp: 18283
 Ion Ratio Lower Upper
 75 100
 110 8.9 19.0 57.0#
 77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 0.941 ug/l

RT: 7.76 min Scan# 1863

Delta R.T. -0.01 min

Lab File: VN056166.D

Acq: 10 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampled :

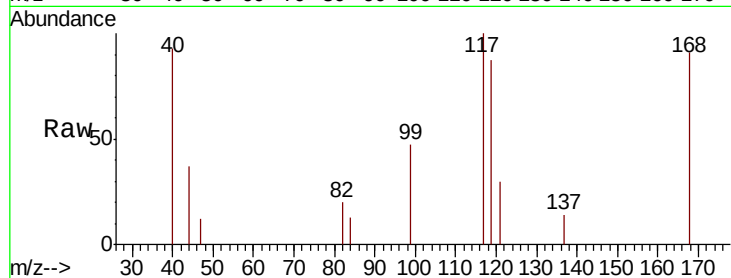
Tot Ion:117 Resp: 3524

Ion Ratio Lower Upper

117 100

119 87.3 79.0 118.6

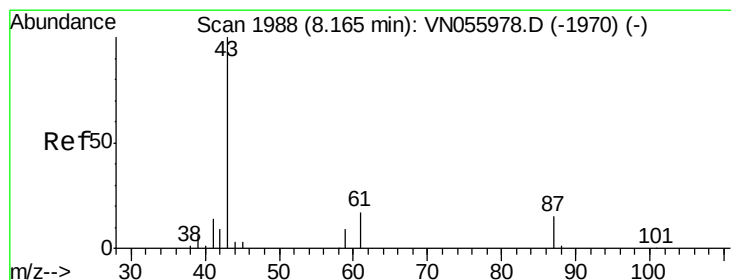
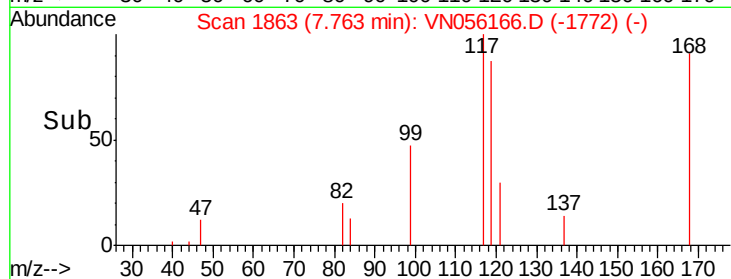
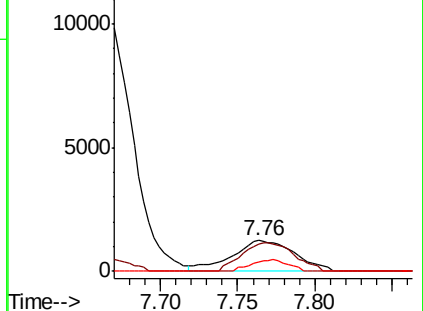
121 29.9 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 0.977 ug/l

RT: 8.34 min Scan# 2041

Delta R.T. 0.17 min

Lab File: VN056166.D

Acq: 10 Jun 2019 13:42

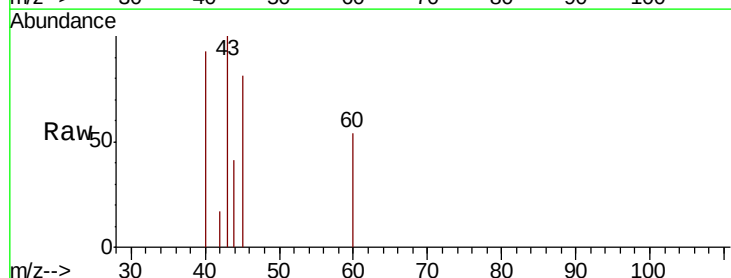
Tgt Ion: 43 Resp: 5722

Ion Ratio Lower Upper

43 100

61 0.0 22.2 33.4#

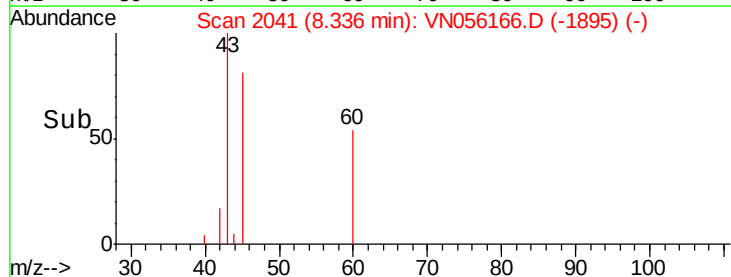
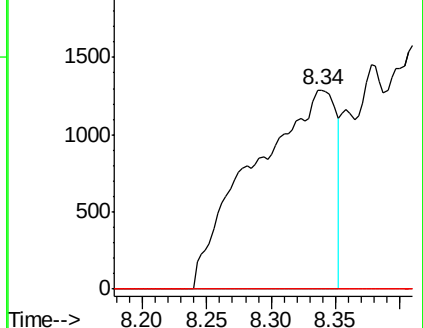
87 0.0 11.4 17.2#

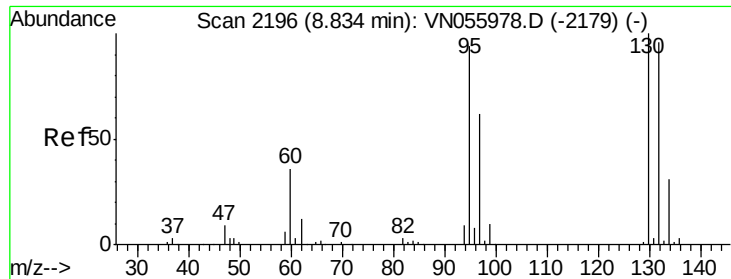


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#44

Trichloroethene

Concen: 51.807 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN056166.D

Acq: 10 Jun 2019 13:42

Instrument :

MSVOA_N

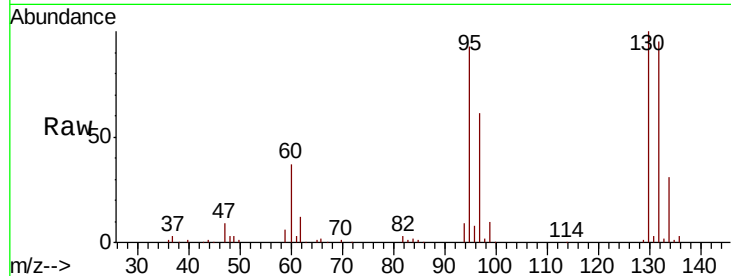
ClientSampleId :

Tot Ion:130 Resp: 183708

Ion Ratio Lower Upper

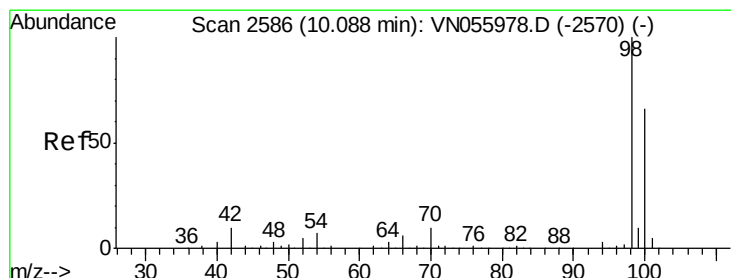
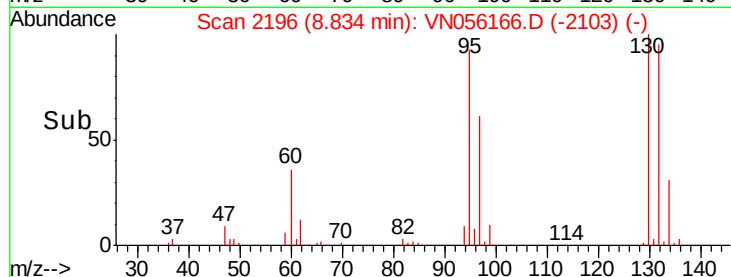
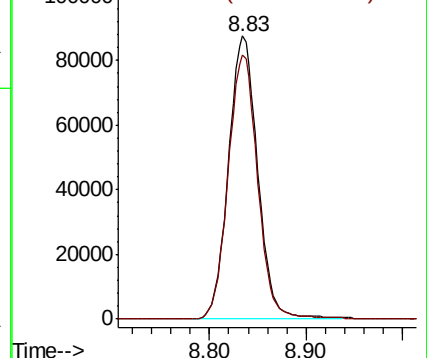
130 100

95 93.3 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055978.D (-2179) (-)



#50

Toluene-d8

Concen: 54.303 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056166.D

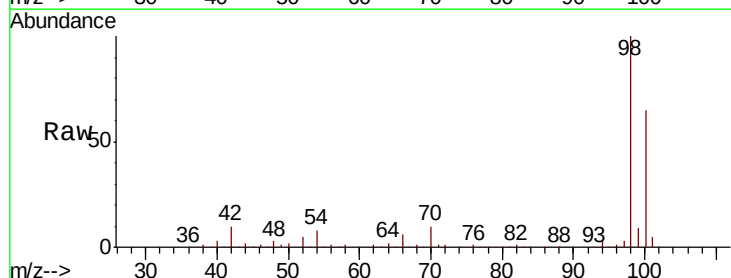
Acq: 10 Jun 2019 13:42

Tgt Ion: 98 Resp: 605787

Ion Ratio Lower Upper

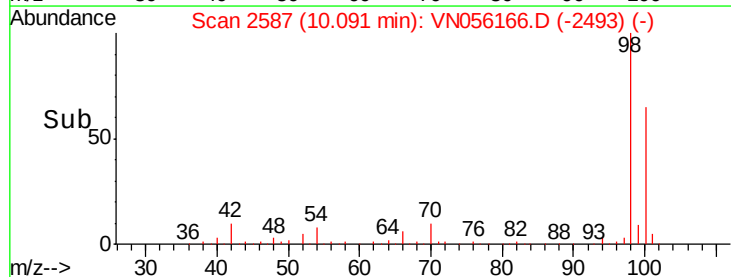
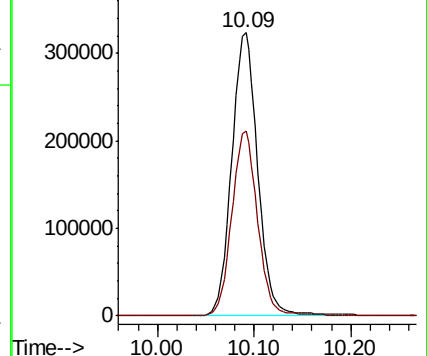
98 100

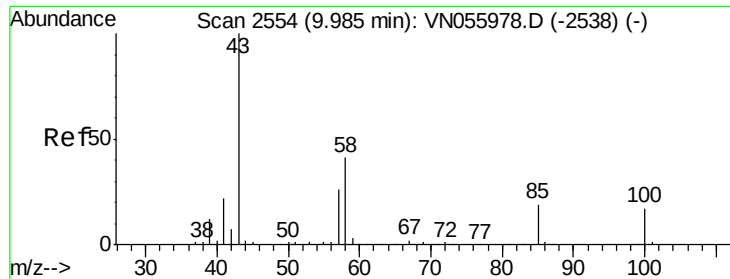
100 64.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)





#51

4-Methyl-2-Pentanone

Concen: 0.234 ug/l

RT: 9.99 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN056166.D

Acq: 10 Jun 2019 13:42

Instrument :

MSVOA_N

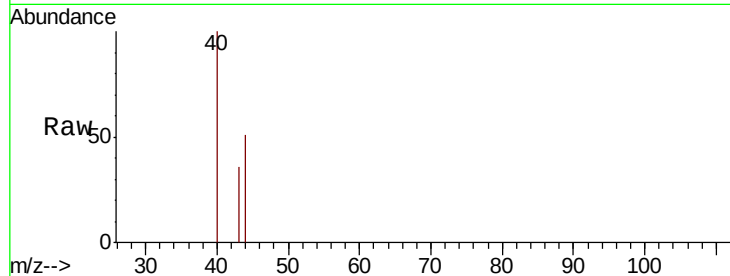
ClientSampled :

Tot Ion: 43 Resp: 857

Ion Ratio Lower Upper

43 100

58 0.0 32.1 48.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

400

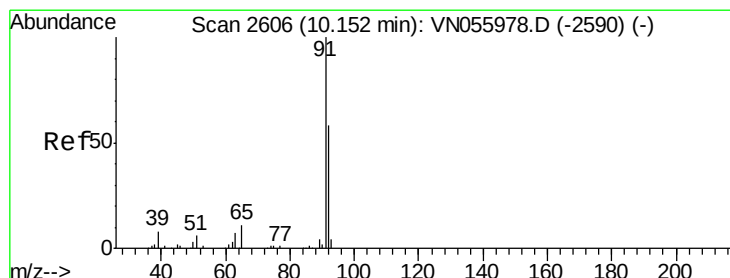
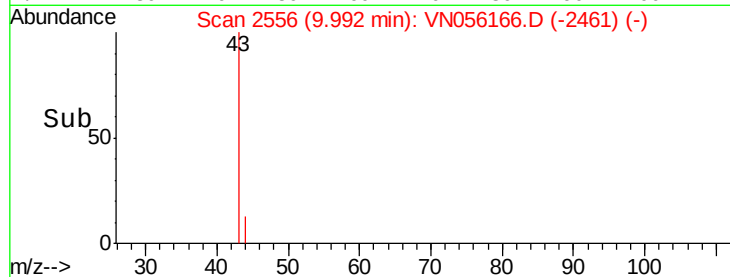
300

200

100

0

Time-->



#52

Toluene

Concen: 0.318 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056166.D

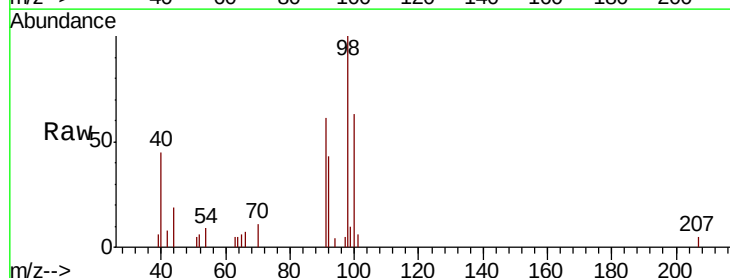
Acq: 10 Jun 2019 13:42

Tgt Ion: 92 Resp: 2440

Ion Ratio Lower Upper

92 100

91 165.4 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

2500

2000

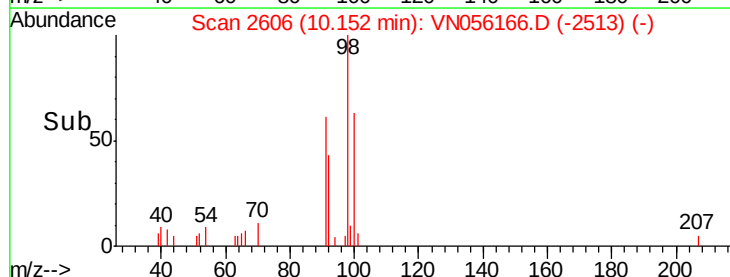
1500

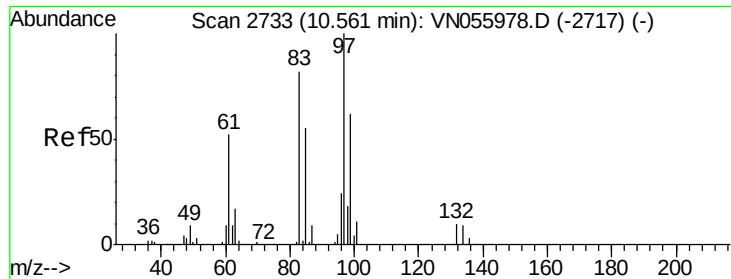
1000

500

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 0.247 ug/l

RT: 10.57 min Scan# 2735

Delta R.T. 0.01 min

Lab File: VN056166.D

Acq: 10 Jun 2019 13:42

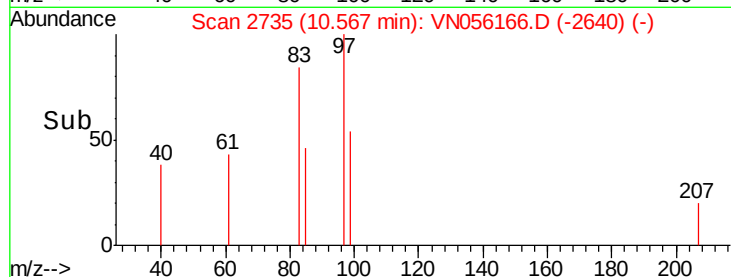
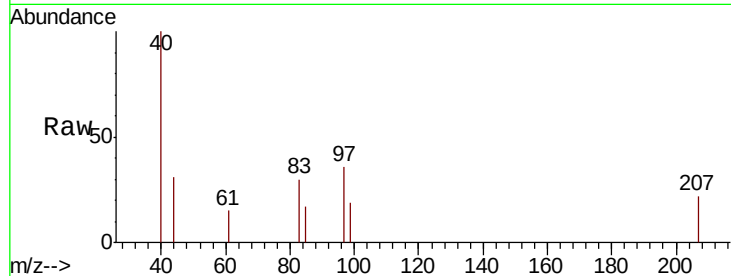
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 752

Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.0	100.6
85	46.4	44.0	66.0
99	53.6	50.6	75.8

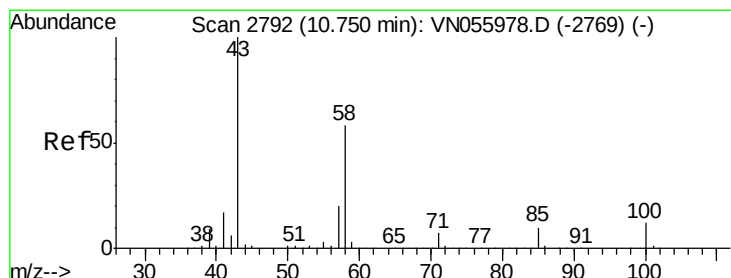
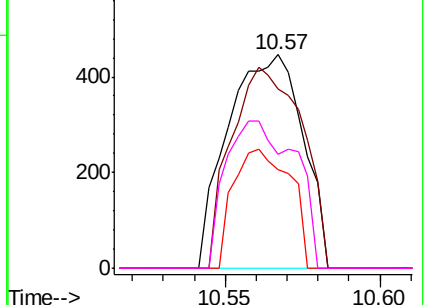


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#59

2-Hexanone

Concen: 0.566 ug/l

RT: 10.76 min Scan# 2794

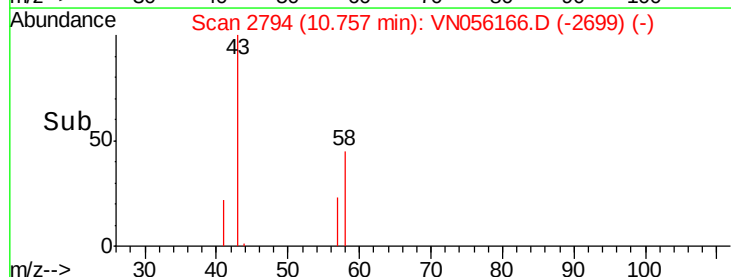
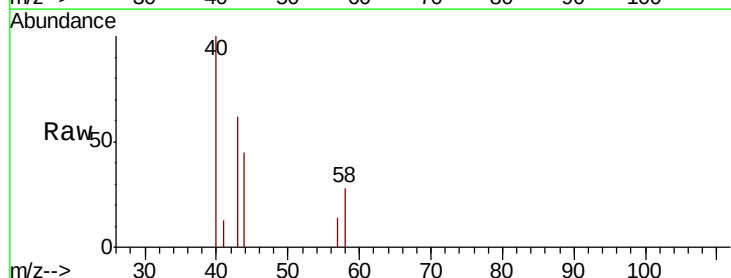
Delta R.T. 0.01 min

Lab File: VN056166.D

Acq: 10 Jun 2019 13:42

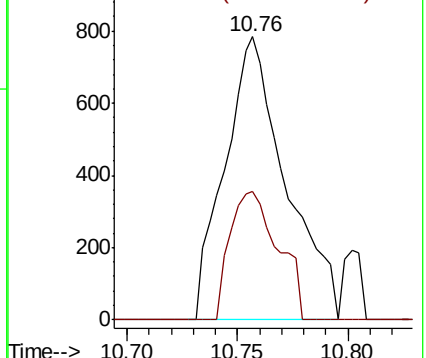
Tgt Ion: 43 Resp: 1504

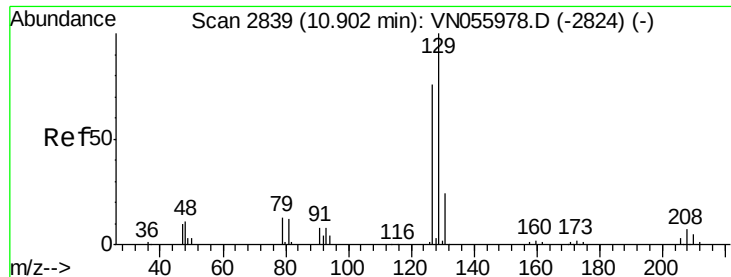
Ion	Ratio	Lower	Upper
43	100		
58	35.6	28.2	84.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

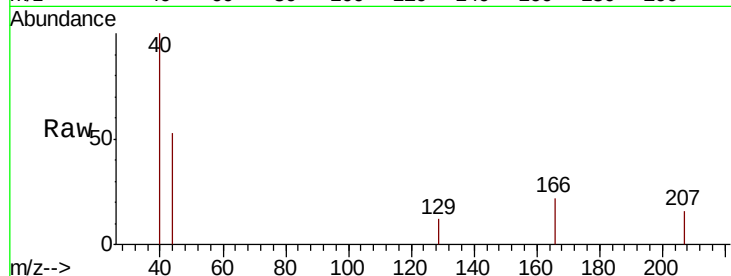




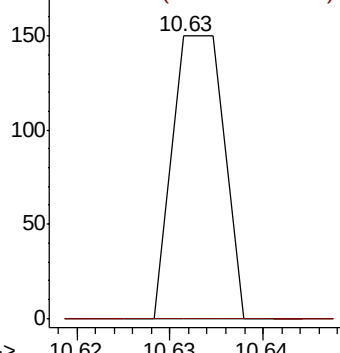
#60
Dibromochloromethane
Concen: 2.468 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.27 min
Lab File: VN056166.D
Acq: 10 Jun 2019 13:42

Instrument :
MSVOA_N
ClientSampleId :

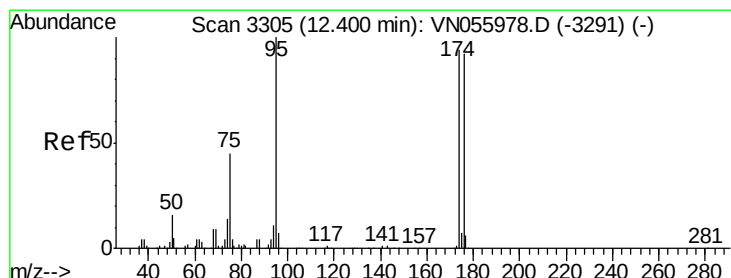
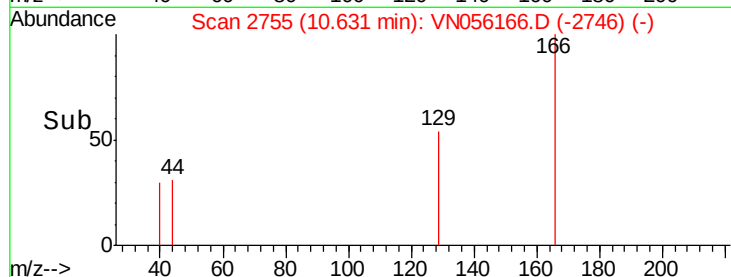
Tot Ion:129 Resp: 58
Ion Ratio Lower Upper
129 100
127 0.0 38.1 114.3#



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V

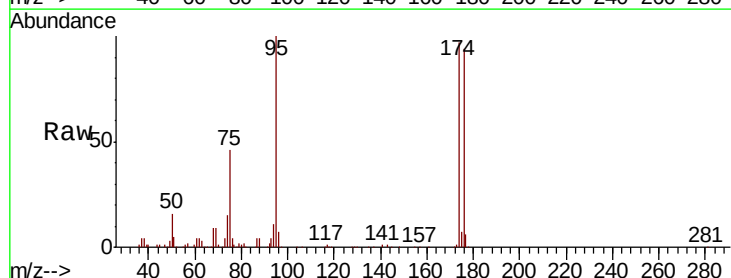


Time-->

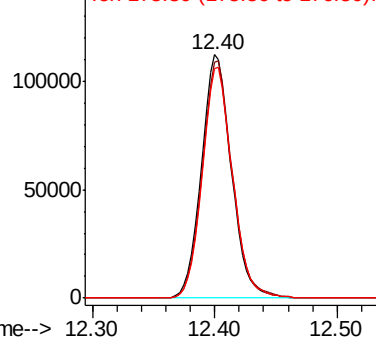


#62
4-Bromofluorobenzene
Concen: 50.599 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056166.D
Acq: 10 Jun 2019 13:42

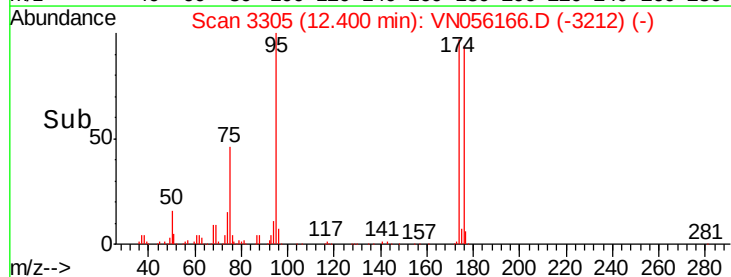
Tgt Ion: 95 Resp: 191960
Ion Ratio Lower Upper
95 100
174 98.1 0.0 191.0
176 95.3 0.0 185.2

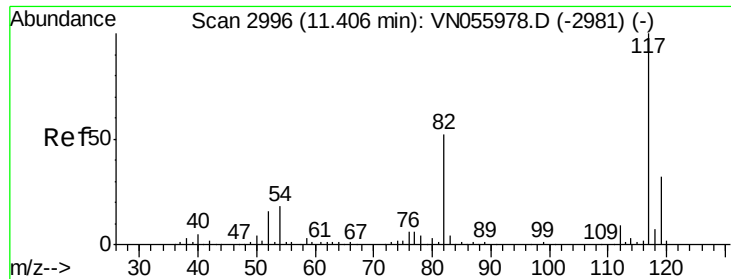


Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V



Time-->

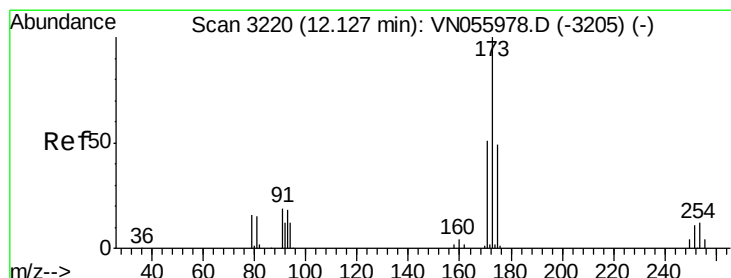
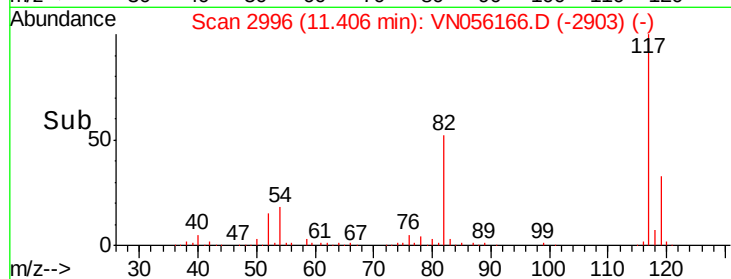
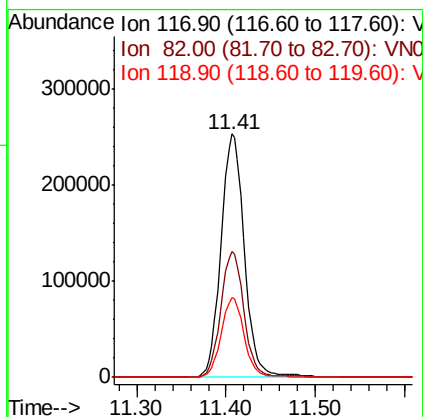
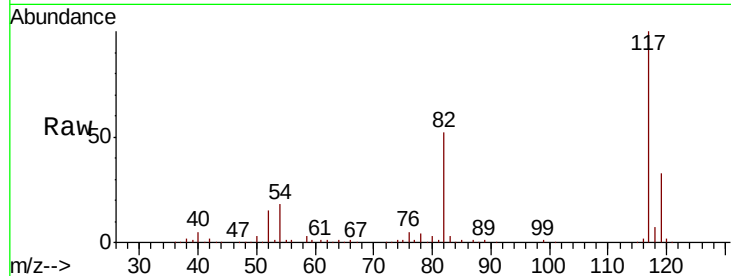




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056166.D
Acq: 10 Jun 2019 13:42

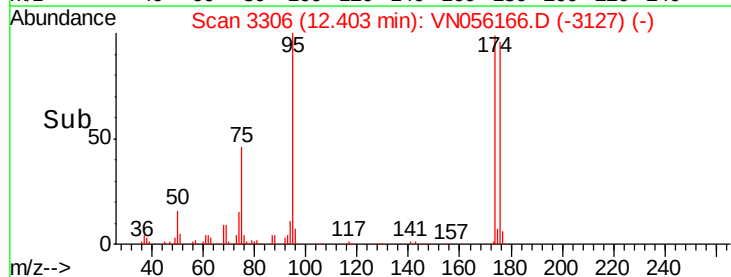
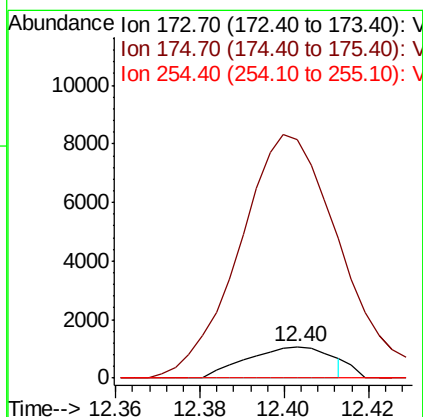
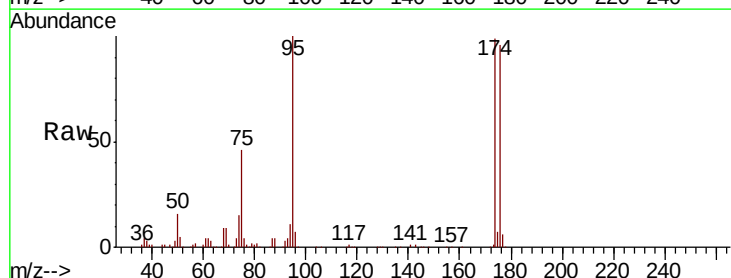
Instrument :
MSVOA_N
ClientSampleId :

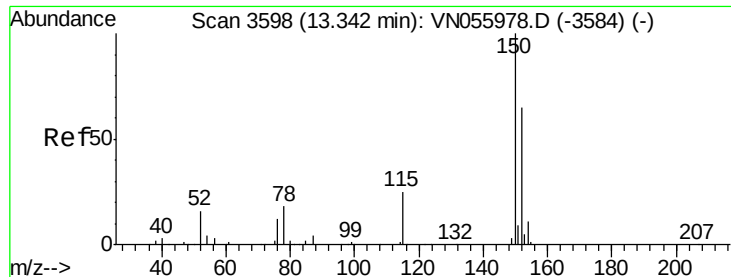
Tot Ion:117 Resp: 459495
Ion Ratio Lower Upper
117 100
82 51.9 41.8 62.8
119 32.6 25.4 38.0



#71
Bromoform
Concen: 3.263 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN056166.D
Acq: 10 Jun 2019 13:42

Tgt Ion:173 Resp: 1462
Ion Ratio Lower Upper
173 100
175 819.8 24.3 72.8#
254 0.0 0.0 0.0



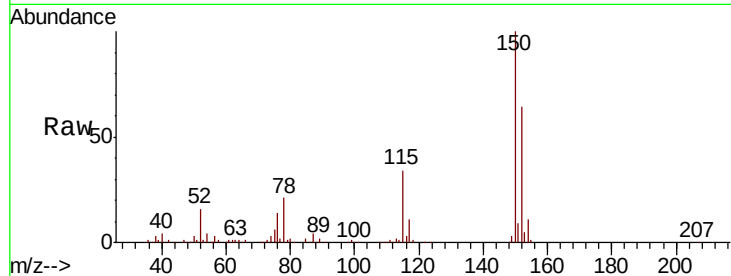


#72

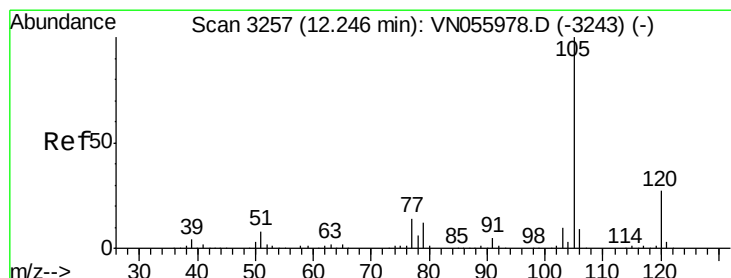
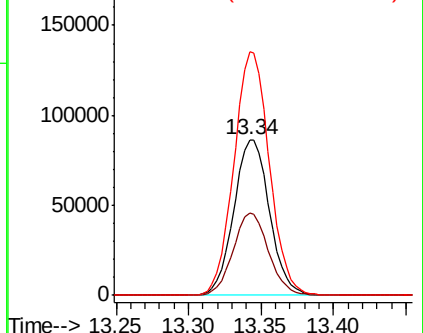
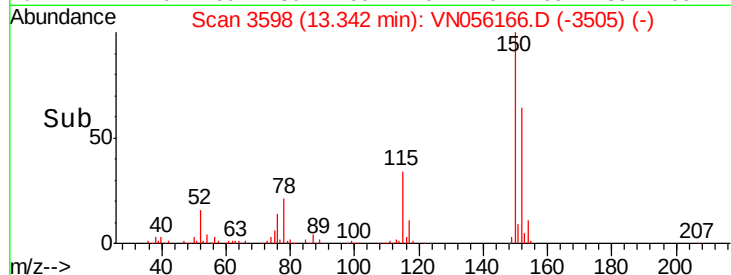
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056166.D
Acq: 10 Jun 2019 13:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:152 Resp: 147844
Ion Ratio Lower Upper
152 100
115 52.1 27.0 81.0
150 155.4 0.0 343.2



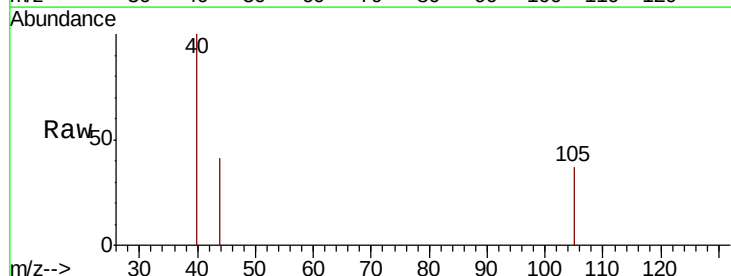
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



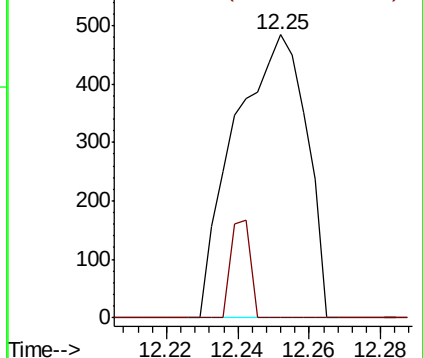
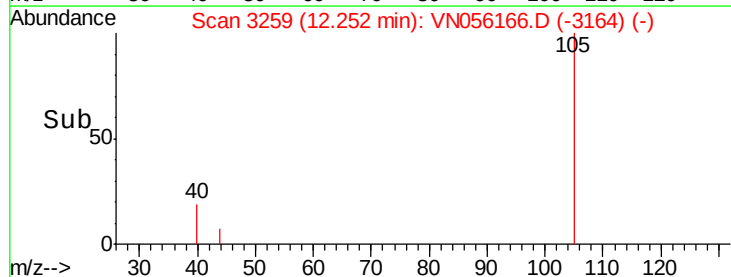
#73

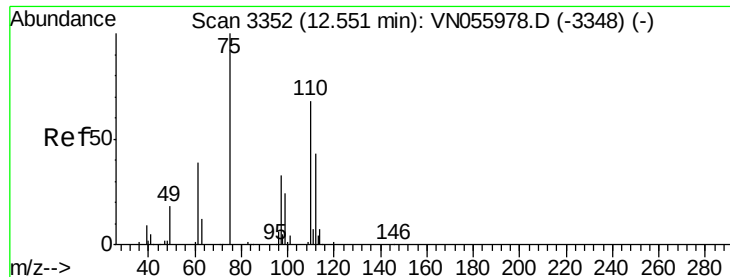
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3259
Delta R.T. 0.01 min
Lab File: VN056166.D
Acq: 10 Jun 2019 13:42

Tgt Ion:105 Resp: 669
Ion Ratio Lower Upper
105 100
120 9.4 13.6 40.7#



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: 32.834 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056166.D

Acq: 10 Jun 2019 13:42

Instrument :

MSVOA_N

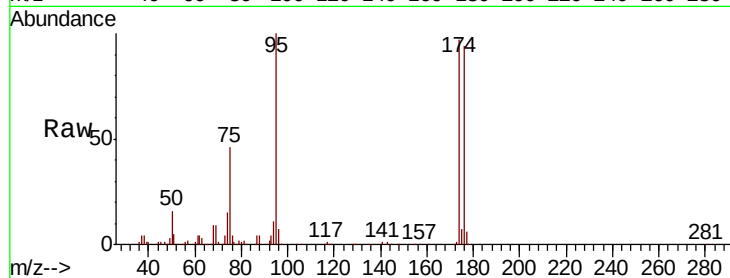
ClientSampleId :

Tot Ion: 75 Resp: 89321

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

60000

50000

40000

30000

20000

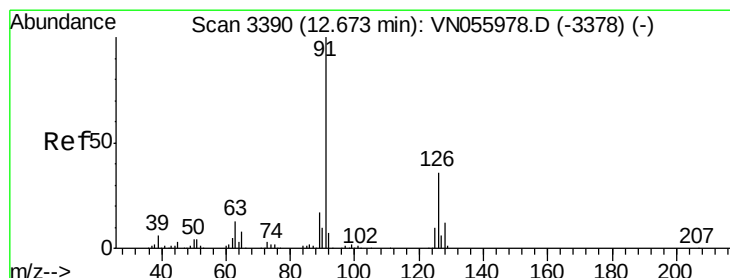
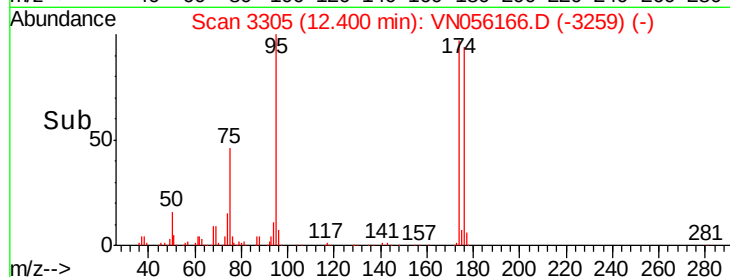
10000

0

12.40

12.50

Time-->



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.77 min Scan# 3420

Delta R.T. 0.10 min

Lab File: VN056166.D

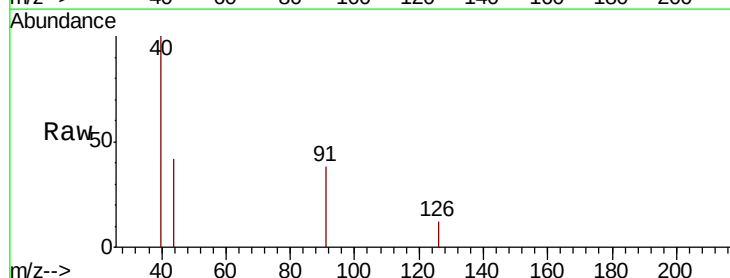
Acq: 10 Jun 2019 13:42

Tgt Ion: 91 Resp: 692

Ion Ratio Lower Upper

91 100

126 22.8 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

600

500

400

300

200

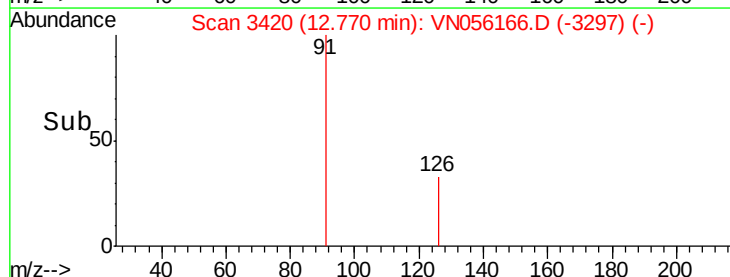
100

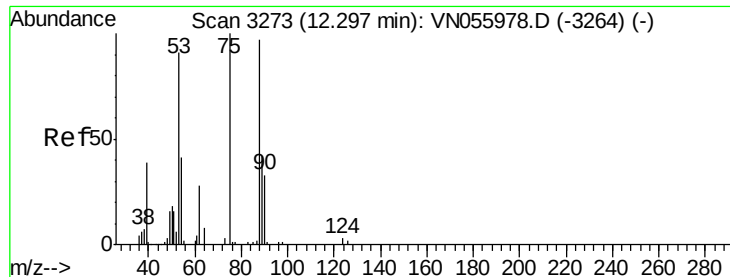
0

12.77

12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 109.343 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056166.D

Acq: 10 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

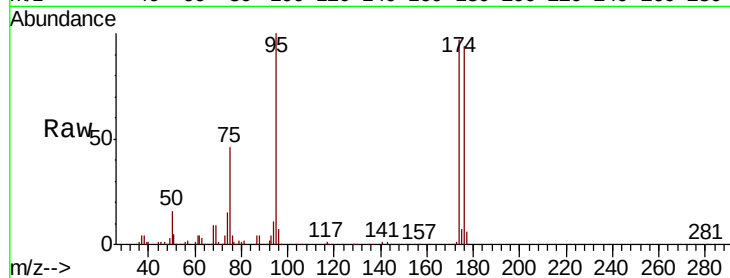
Tot Ion: 75 Resp: 89321

Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

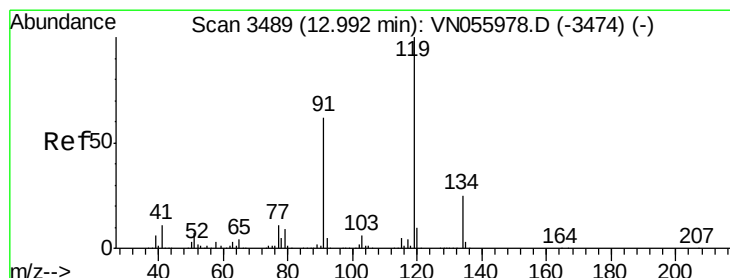
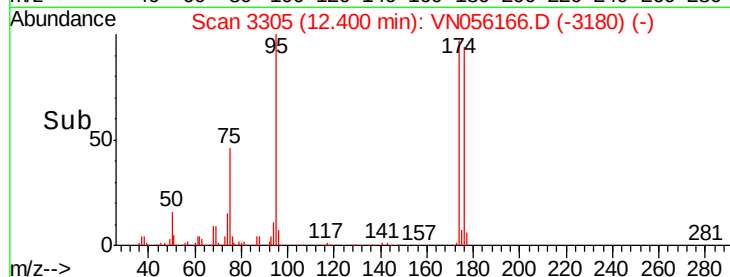
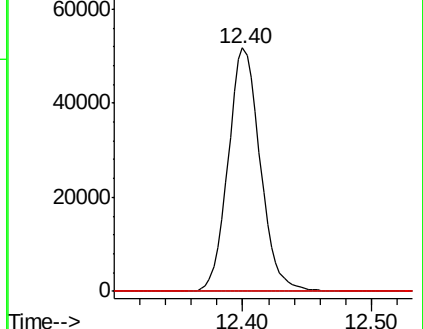
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN055978.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN055978.D (-3264) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN056166.D

Acq: 10 Jun 2019 13:42

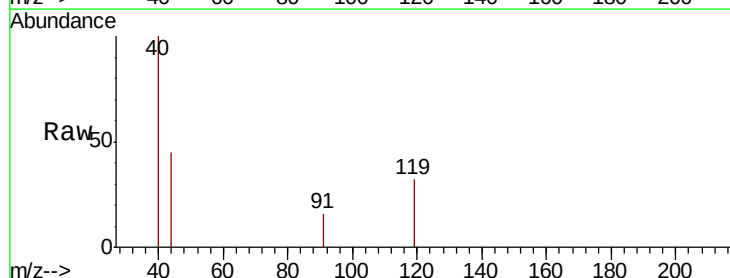
Tgt Ion: 119 Resp: 501

Ion Ratio Lower Upper

119 100

91 52.1 30.9 92.8

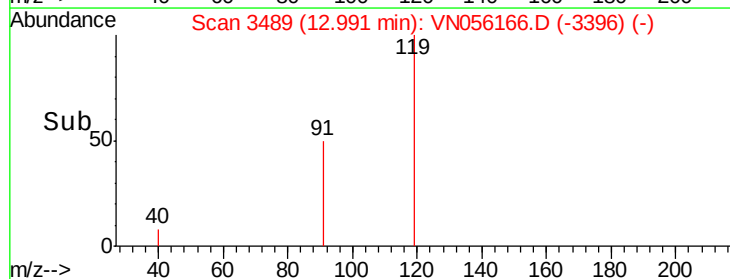
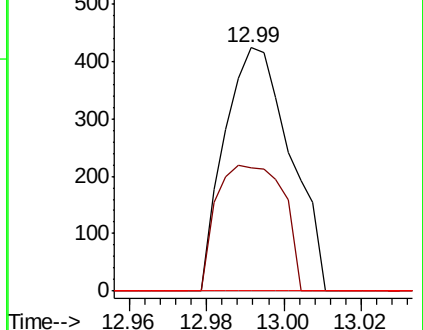
134 0.0 13.3 39.8#

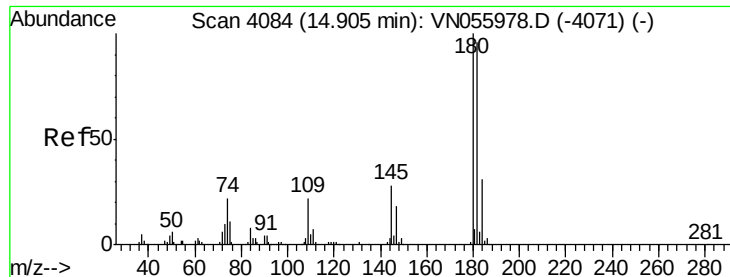


Abundance Ion 119.00 (118.70 to 119.70): VN055978.D (-3474) (-)

Ion 91.00 (90.70 to 91.70): VN055978.D (-3474) (-)

Ion 134.00 (133.70 to 134.70): VN055978.D (-3474) (-)





#93

1,2,4-Trichlorobenzene

Concen: 4.617 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN056166.D

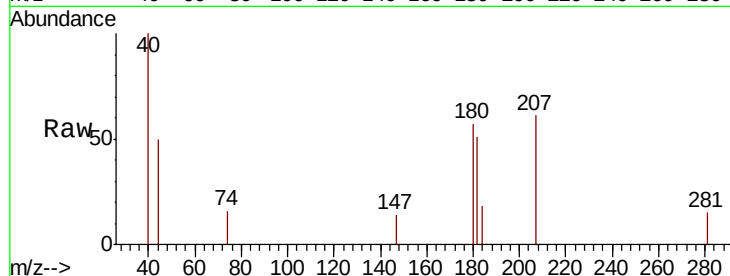
Acq: 10 Jun 2019 13:42

Instrument :

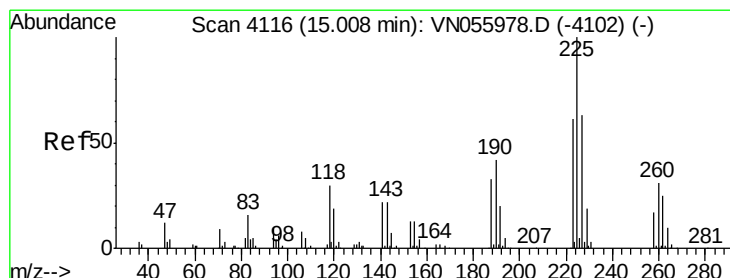
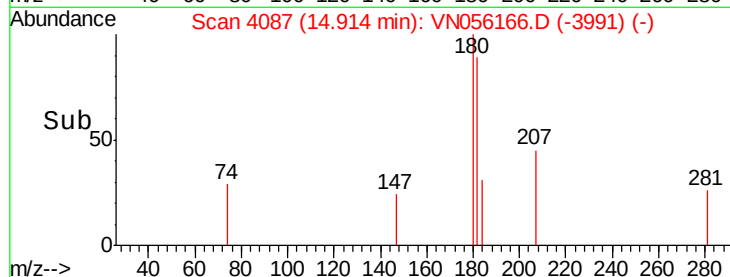
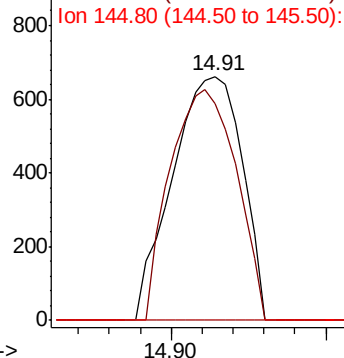
MSVOA_N

ClientSampleId :

Tot Ion:180	Resp:	1036
Ion Ratio	Lower	Upper
180	100	
182	90.0	48.3 144.9
145	0.0	14.0 41.9#



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: Below Cal

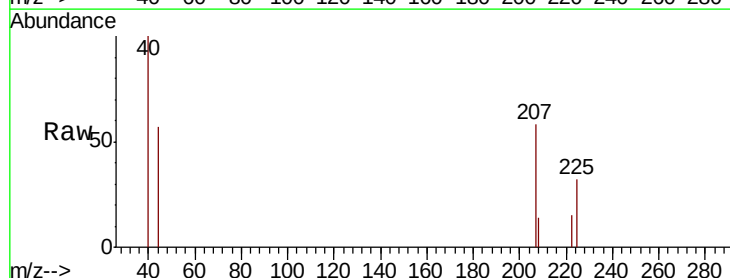
RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

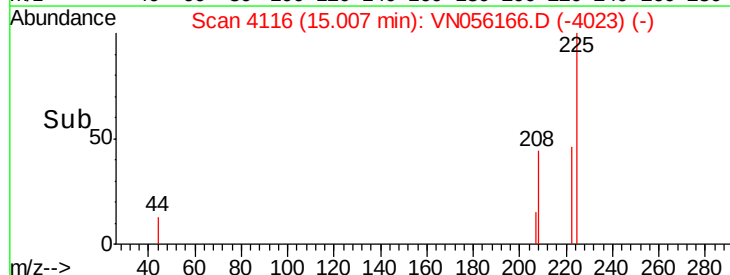
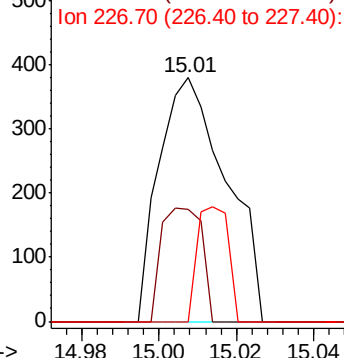
Lab File: VN056166.D

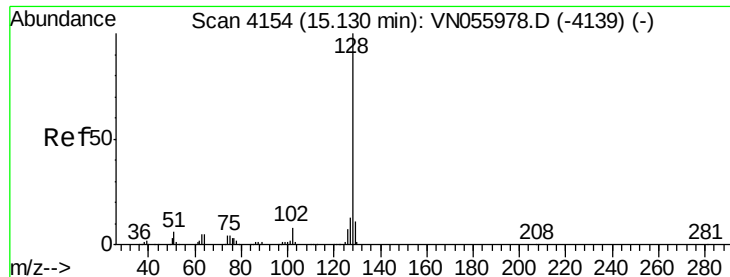
Acq: 10 Jun 2019 13:42

Tgt Ion:225	Resp:	459
Ion Ratio	Lower	Upper
225	100	
223	27.9	30.9 92.7#
227	21.8	31.6 94.7#



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 4.404 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056166.D

Acq: 10 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampled :

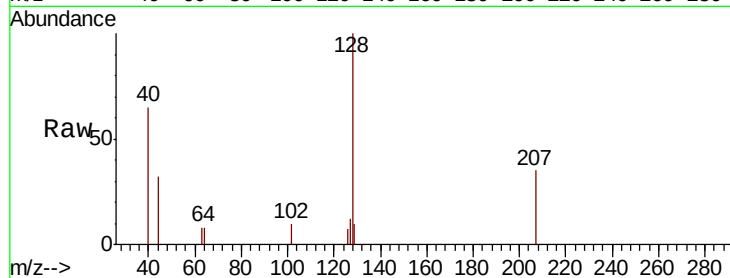
Tot Ion:128 Resp: 4234

Ion Ratio Lower Upper

128 100

127 6.7 10.3 15.5#

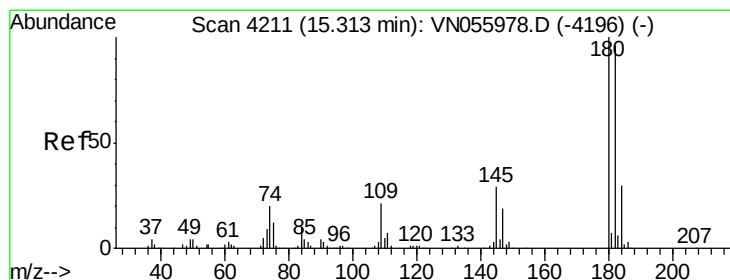
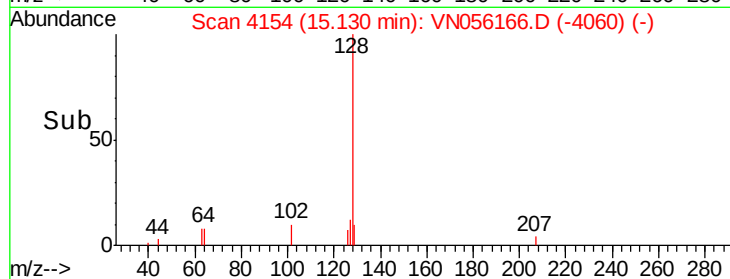
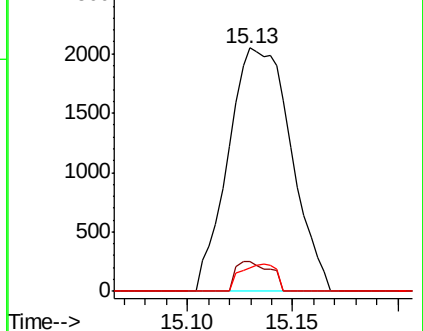
129 6.2 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.501 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056166.D

Acq: 10 Jun 2019 13:42

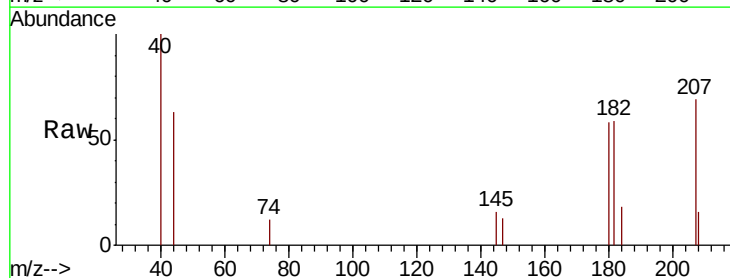
Tgt Ion:180 Resp: 1389

Ion Ratio Lower Upper

180 100

182 90.6 47.9 143.7

145 19.1 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

