

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN103119\
 Data File : VN059045.D
 Acq On : 31 Oct 2019 17:28
 Operator : JC/SP
 Sample : K5626-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 01 01:13:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	382300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	598659	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	549499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	257859	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	275388	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
35) Dibromofluoromethane	7.57	113	206305	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
50) Toluene-d8	10.08	98	774359	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
62) 4-Bromofluorobenzene	12.41	95	275393	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	

Target Compounds

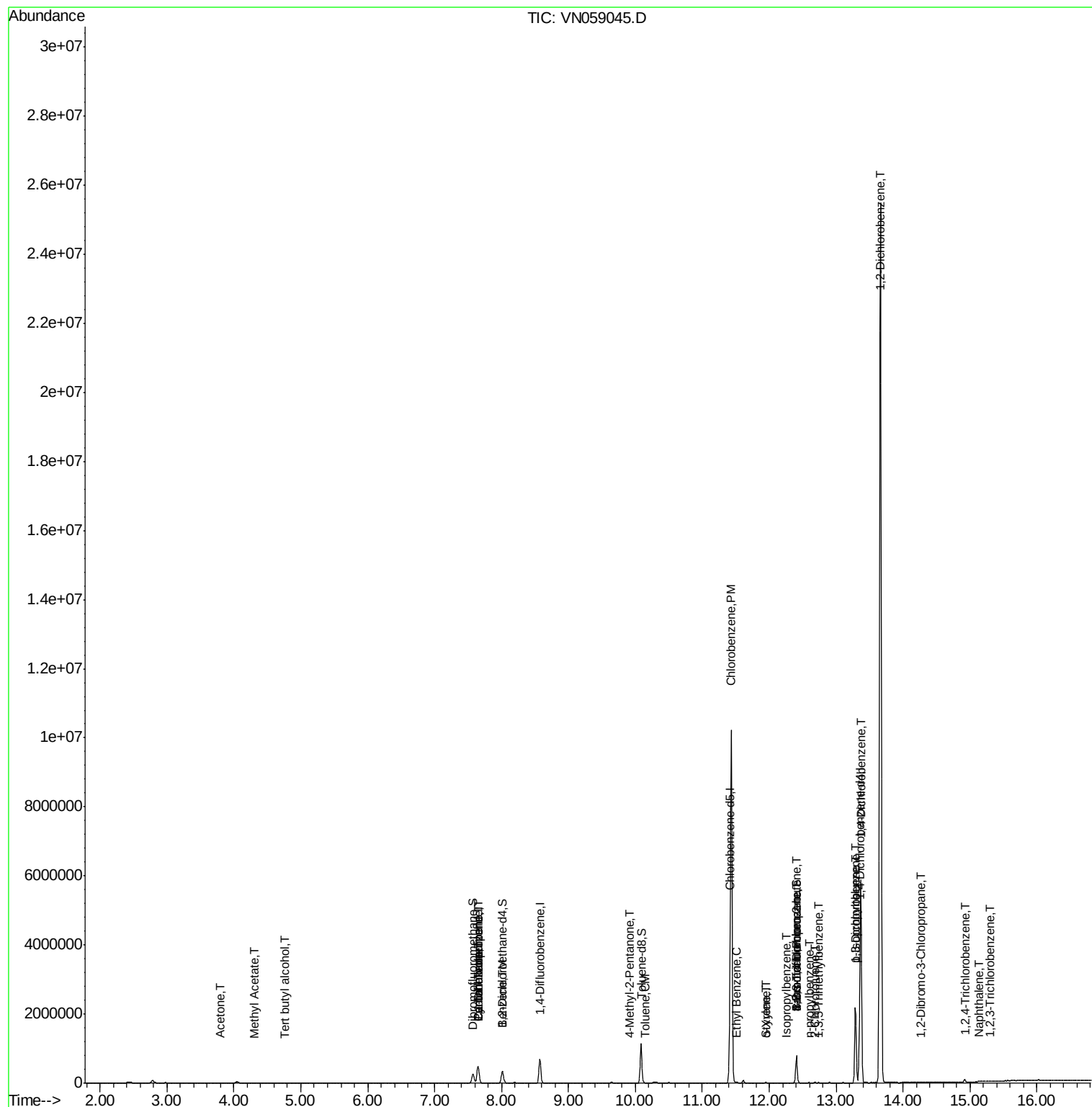
						Qvalue
11) Tert butyl alcohol	4.75	59	2031	2.183	ug/l #	72
16) Acetone	3.80	43	15060	5.436	ug/l	96
18) Methyl Acetate	4.32	43	5884	0.934	ug/l #	79
31) Cyclohexane	7.64	56	10953	1.359	ug/l #	7
36) 1,1-Dichloropropene	7.65	75	31590	5.154	ug/l #	49
38) Carbon Tetrachloride	7.65	117	38310	6.067	ug/l #	17
40) Benzene	8.03	78	34889	1.939	ug/l	97
51) 4-Methyl-2-Pentanone	9.91	43	1594	0.255	ug/l #	38
52) Toluene	10.16	92	2573	0.241	ug/l	97
65) Chlorobenzene	11.43	112	4871300	435.441	ug/l #	71
67) Ethyl Benzene	11.51	91	14518	0.740	ug/l	89
69) o-Xylene	11.95	106	3316	0.478	ug/l	93
70) Styrene	11.95	104	222	1.730	ug/l #	1
71) Bromoform	12.41	173	1704	0.521	ug/l #	1
73) Isopropylbenzene	12.25	105	4091	0.217	ug/l	94
76) 1,2,3-Trichloropropane	12.41	75	140224	23.464	ug/l #	100
78) n-propylbenzene	12.60	91	6747	0.303	ug/l	96
79) 2-Chlorotoluene	12.68	91	8673	0.636	ug/l	94
80) 1,3,5-Trimethylbenzene	12.74	105	4548	0.287	ug/l	89
81) trans-1,4-Dichloro-2-buten	12.41	75	140224	61.125	ug/l #	10
86) p-Isopropyltoluene	13.30	119	3771	0.237	ug/l	86
87) 1,3-Dichlorobenzene	13.29	146	890112	107.173	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	2265958	272.505	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	7144288	875.188	ug/l #	67
92) 1,2-Dibromo-3-Chloropropan	14.26	75	304	0.203	ug/l #	7
93) 1,2,4-Trichlorobenzene	14.92	180	21320	6.460	ug/l	97
95) Naphthalene	15.13	128	6946	2.675	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	2727	2.913	ug/l #	86

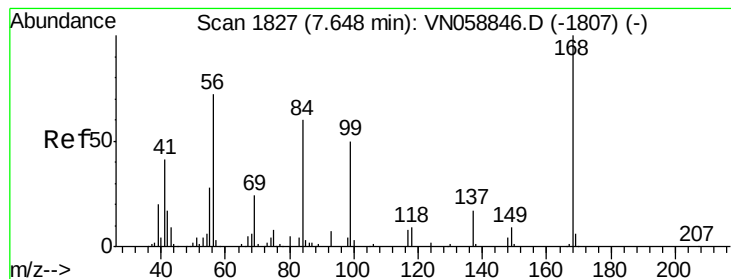
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059045.D

Acq: 31 Oct 2019 17:28

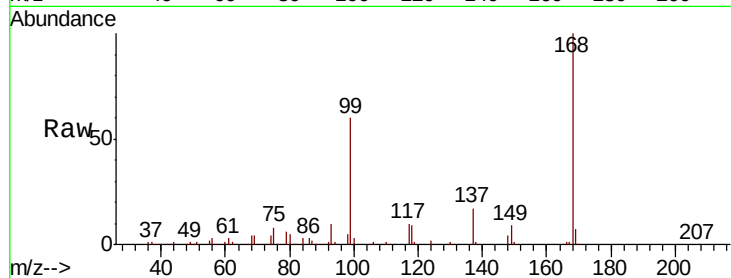
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 382300

Ion Ratio Lower Upper

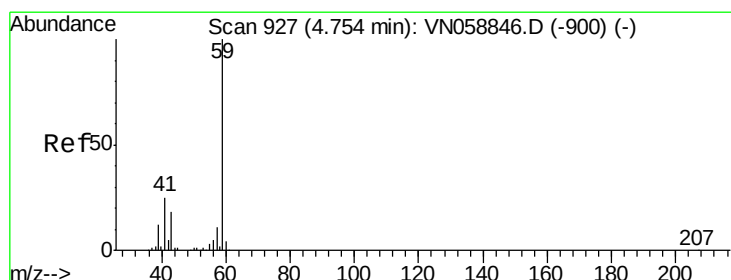
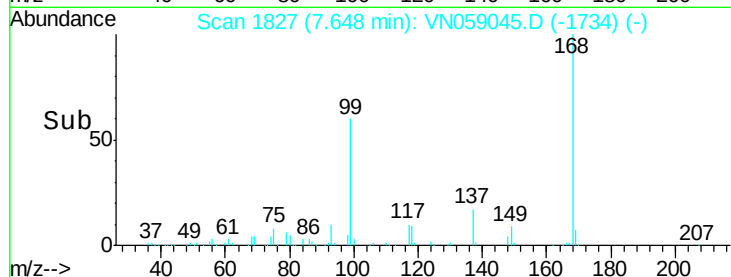
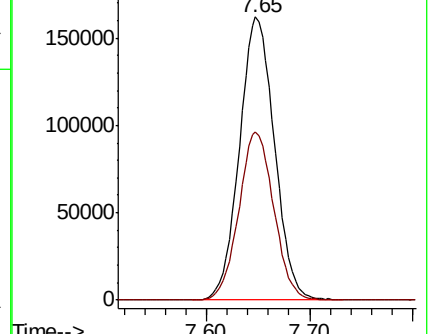
168 100

99 59.6 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 2.183 ug/l

RT: 4.75 min Scan# 926

Delta R.T. -0.00 min

Lab File: VN059045.D

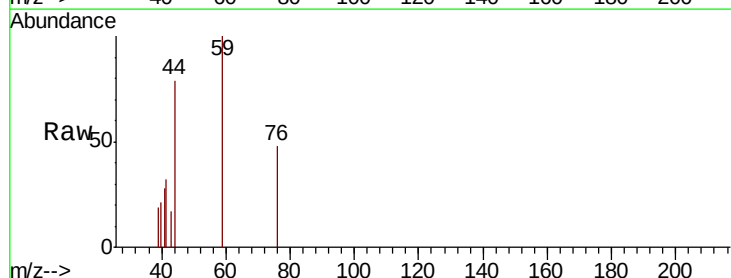
Acq: 31 Oct 2019 17:28

Tgt Ion: 59 Resp: 2031

Ion Ratio Lower Upper

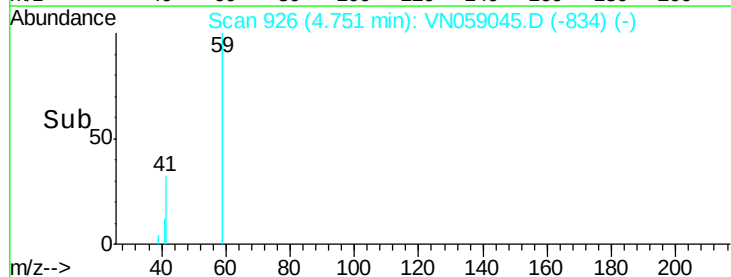
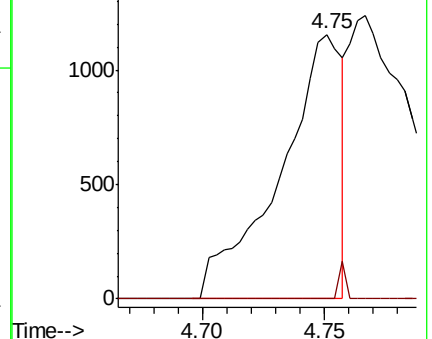
59 100

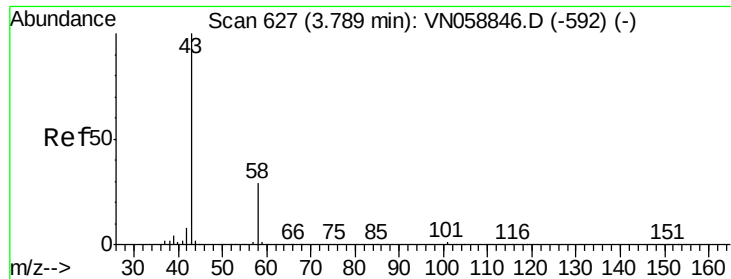
57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#16

Acetone

Concen: 5.436 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN059045.D

Acq: 31 Oct 2019 17:28

Instrument :

MSVOA_N

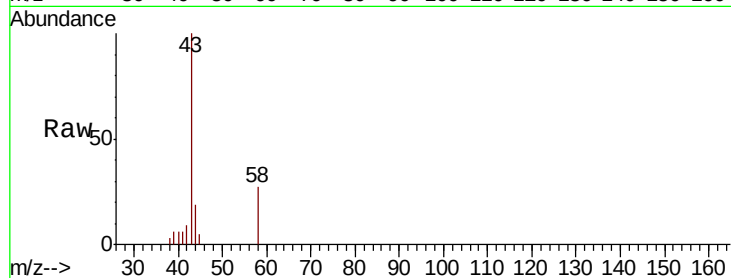
ClientSampled :

Tot Ion: 43 Resp: 15060

Ion Ratio Lower Upper

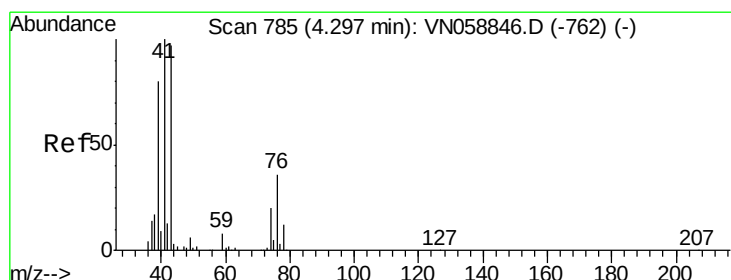
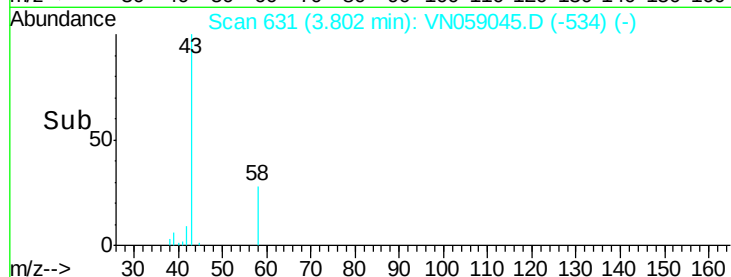
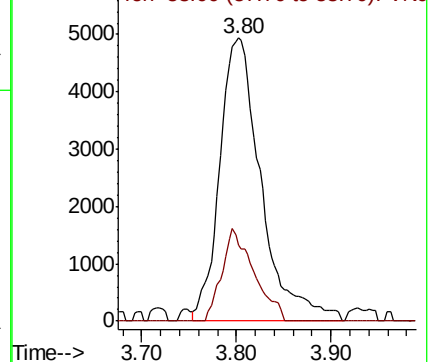
43 100

58 26.8 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.934 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.02 min

Lab File: VN059045.D

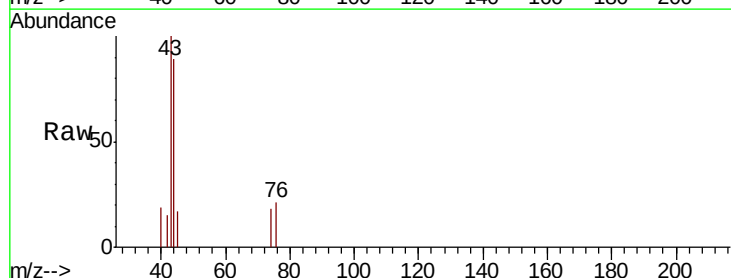
Acq: 31 Oct 2019 17:28

Tgt Ion: 43 Resp: 5884

Ion Ratio Lower Upper

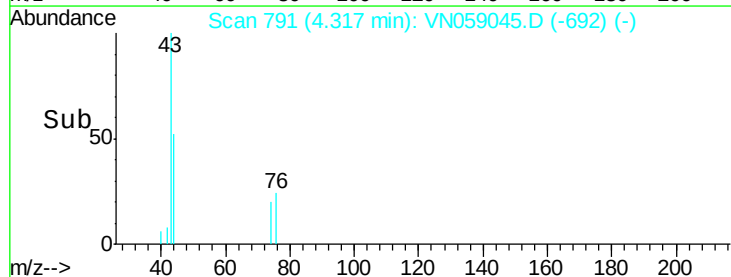
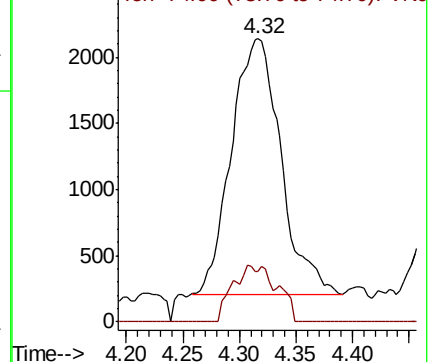
43 100

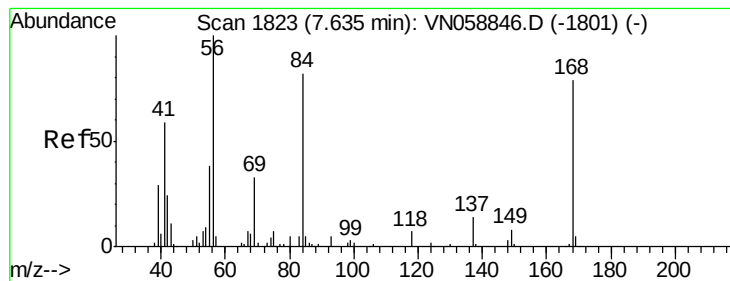
74 11.3 17.1 25.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#31

Cyclohexane

Concen: 1.359 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN059045.D

Acq: 31 Oct 2019 17:28

Instrument :

MSVOA_N

ClientSampled :

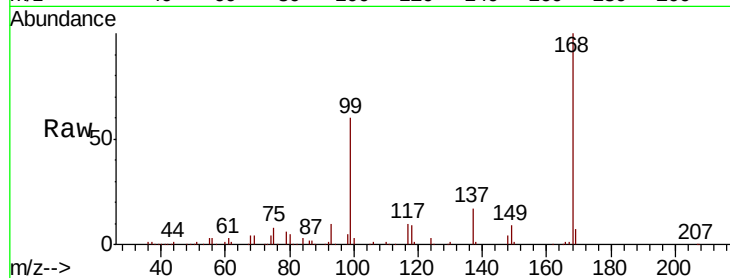
Tot Ion: 56 Resp: 10953

Ion Ratio Lower Upper

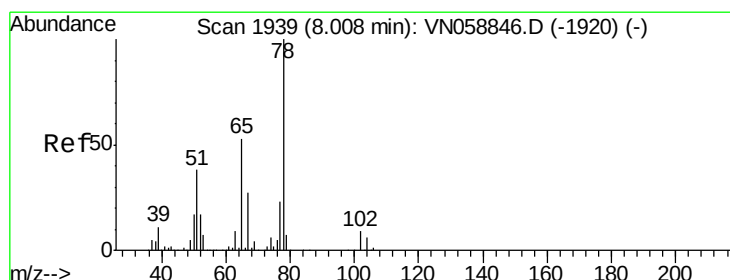
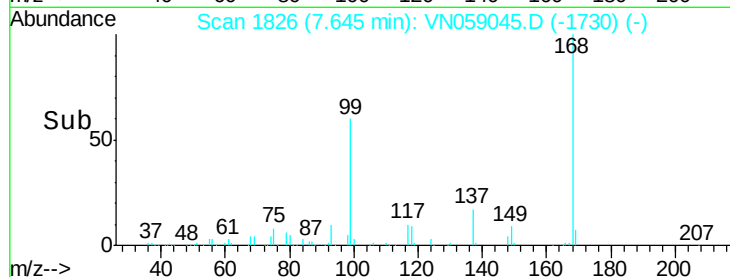
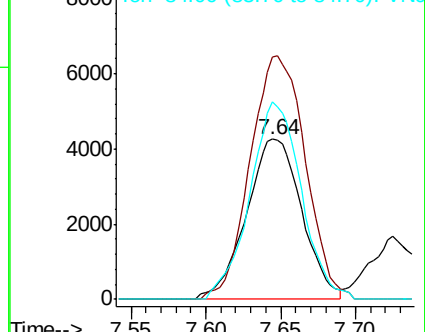
56 100

69 151.7 26.2 39.4#

84 123.5 65.6 98.4#



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



#33

1,2-Dichloroethane-d4

Concen: 49.115 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059045.D

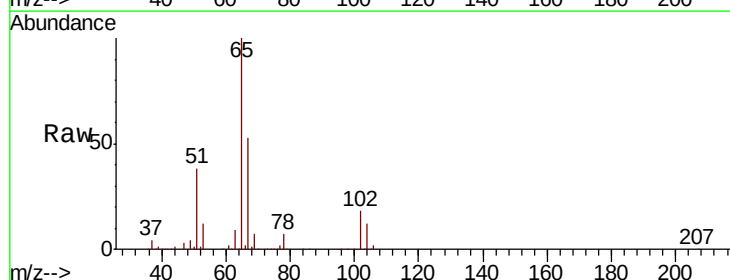
Acq: 31 Oct 2019 17:28

Tgt Ion: 65 Resp: 275388

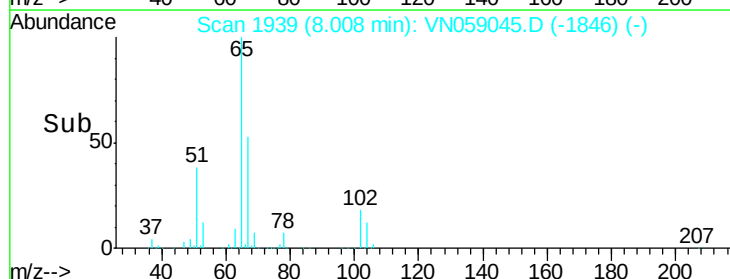
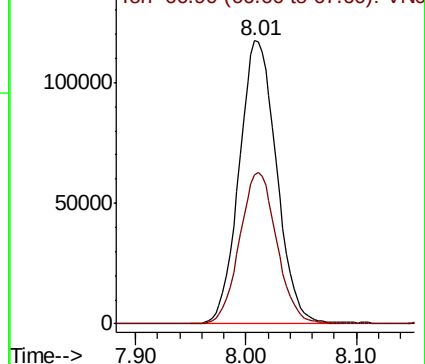
Ion Ratio Lower Upper

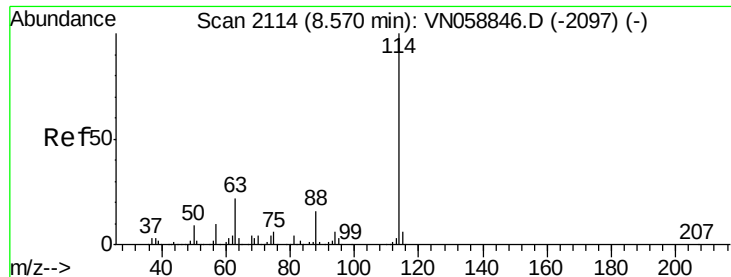
65 100

67 53.2 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO

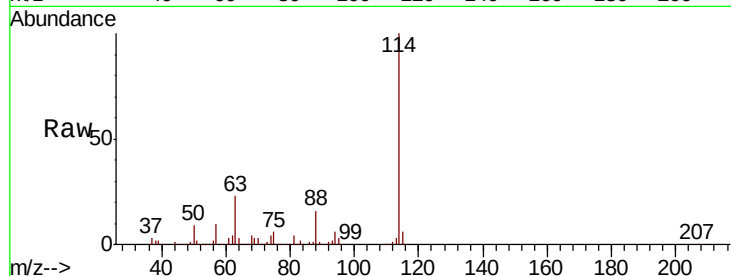




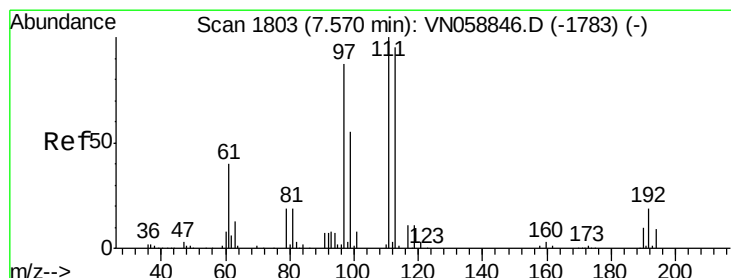
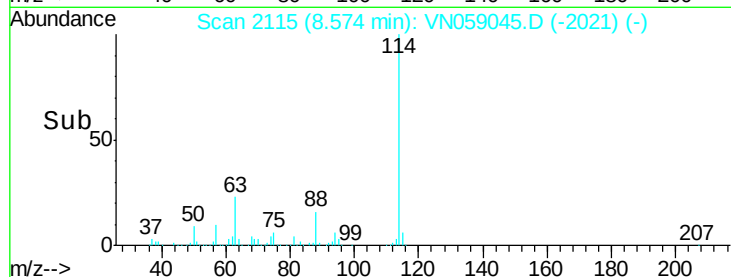
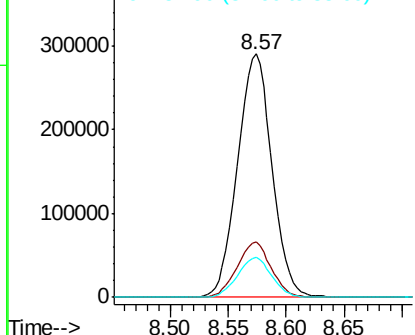
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN059045.D
 Acq: 31 Oct 2019 17:28

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	44.4
88	16.3	0.0	31.4

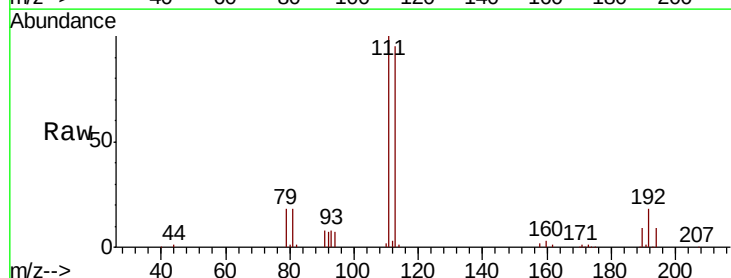


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

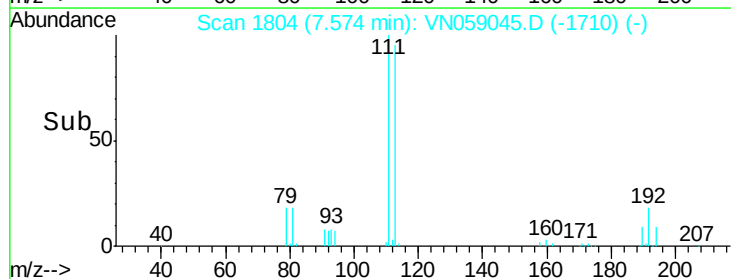
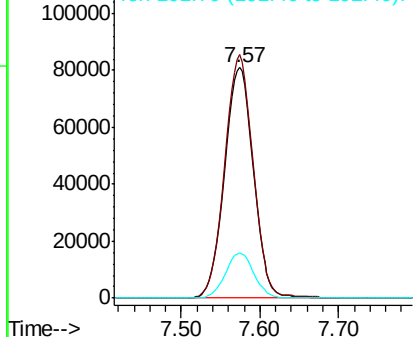


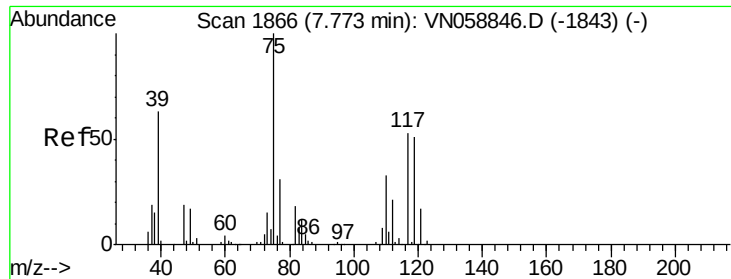
#35
 Dibromofluoromethane
 Concen: 52.415 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN059045.D
 Acq: 31 Oct 2019 17:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.0	123.0
192	19.0	15.0	22.6



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

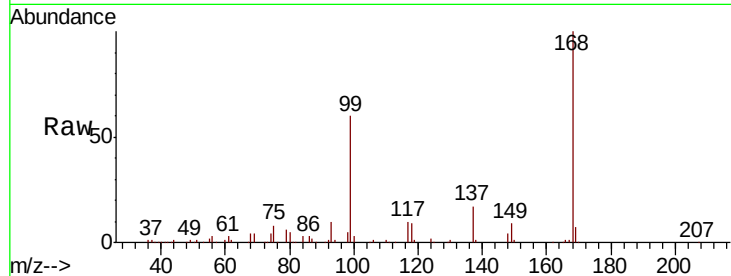




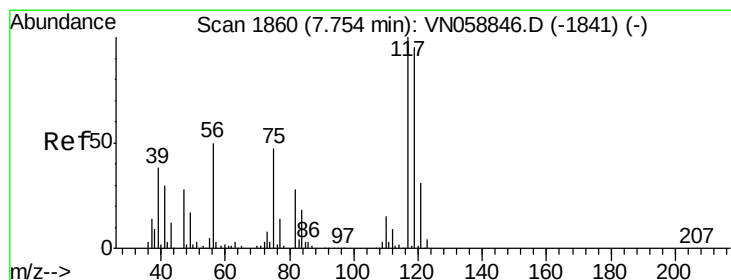
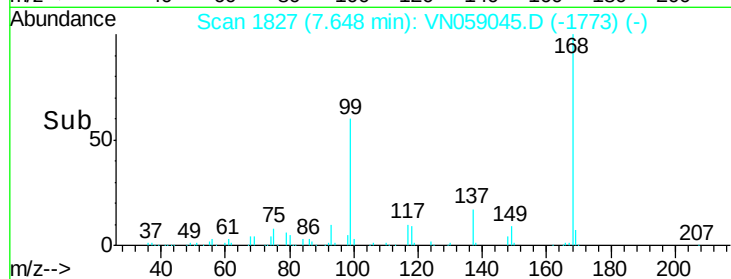
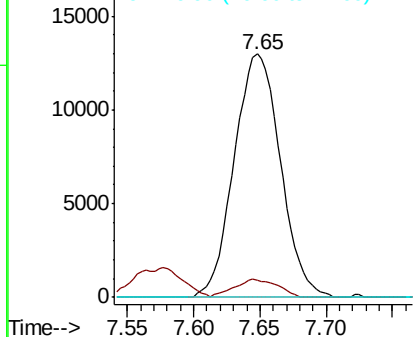
#36
 1,1-Dichloropropene
 Concen: 5.154 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN059045.D
 Acq: 31 Oct 2019 17:28

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	7.0	16.3	48.9#
77	0.0	24.6	36.8#

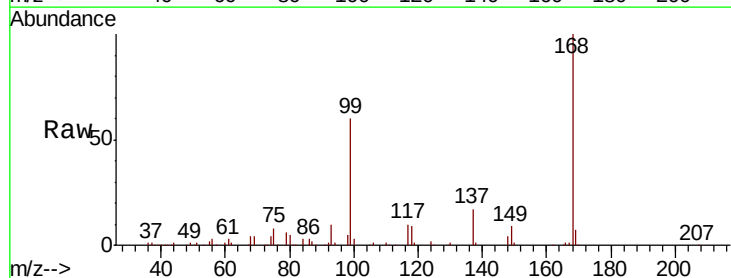


Abundance Ion 74.90 (74.60 to 75.60): VN058846.D (-1843) (-)
 Ion 109.90 (109.60 to 110.60): VN058846.D (-1843) (-)
 Ion 76.90 (76.60 to 77.60): VN058846.D (-1843) (-)

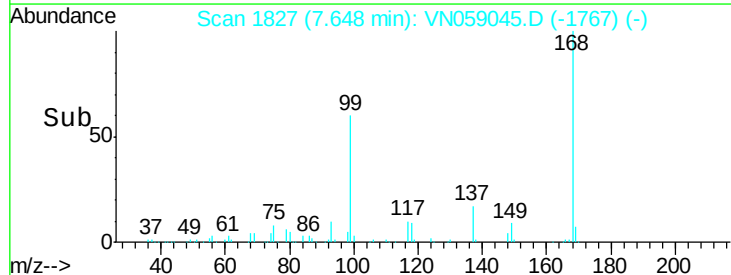
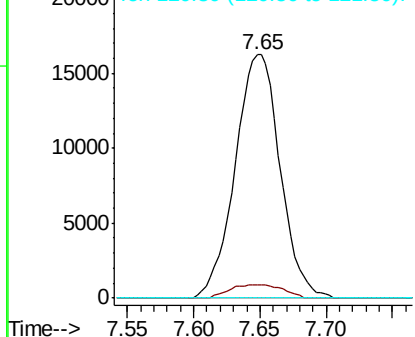


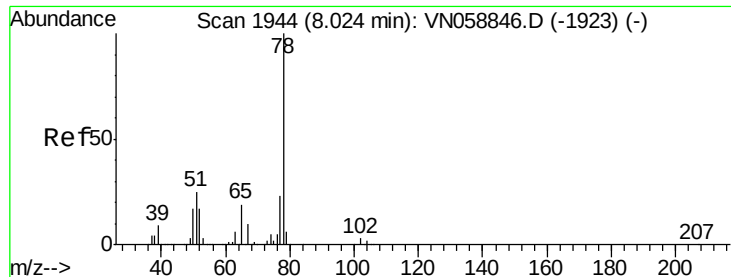
#38
 Carbon Tetrachloride
 Concen: 6.067 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.11 min
 Lab File: VN059045.D
 Acq: 31 Oct 2019 17:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.7	113.5#
121	0.0	25.0	37.6#



Abundance Ion 116.80 (116.50 to 117.50): VN058846.D (-1841) (-)
 Ion 118.80 (118.50 to 119.50): VN058846.D (-1841) (-)
 Ion 120.80 (120.50 to 121.50): VN058846.D (-1841) (-)

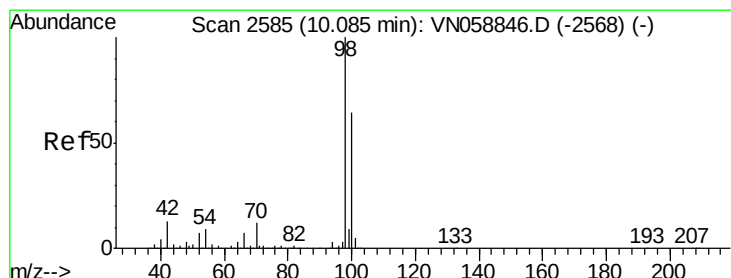
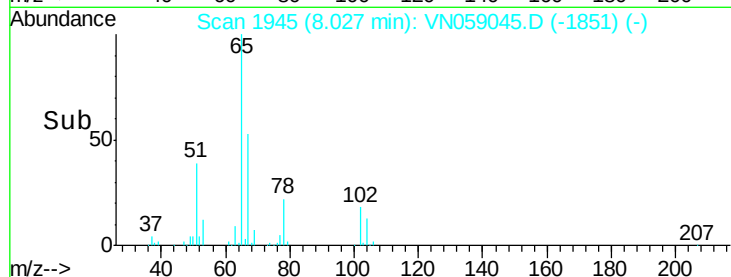
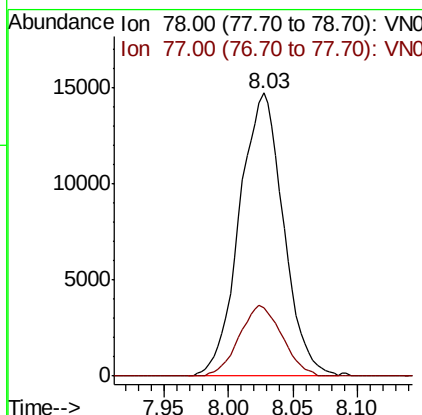
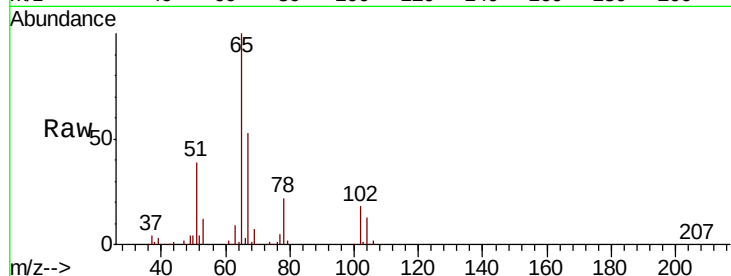




#40
Benzene
Concen: 1.939 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN059045.D
Acq: 31 Oct 2019 17:28

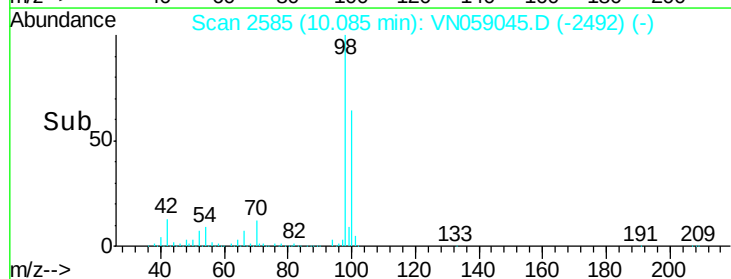
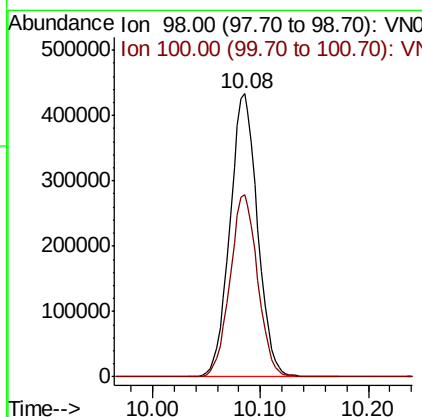
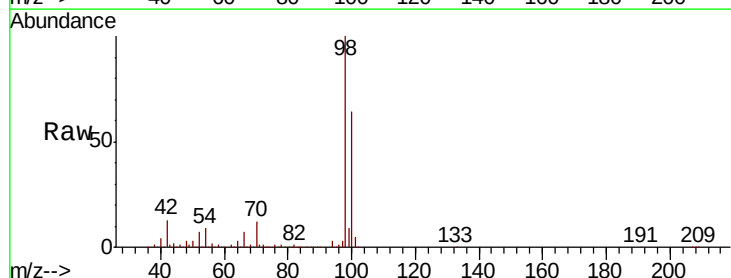
Instrument :
MSVOA_N
ClientSampleId :

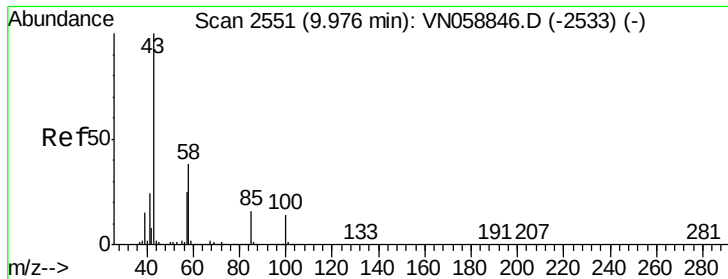
Tot Ion: 78 Resp: 34889
Ion Ratio Lower Upper
78 100
77 24.3 18.2 27.2



#50
Toluene-d8
Concen: 50.681 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN059045.D
Acq: 31 Oct 2019 17:28

Tgt Ion: 98 Resp: 774359
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 0.255 ug/l

RT: 9.91 min Scan# 2532

Delta R.T. -0.06 min

Lab File: VN059045.D

Acq: 31 Oct 2019 17:28

Instrument :

MSVOA_N

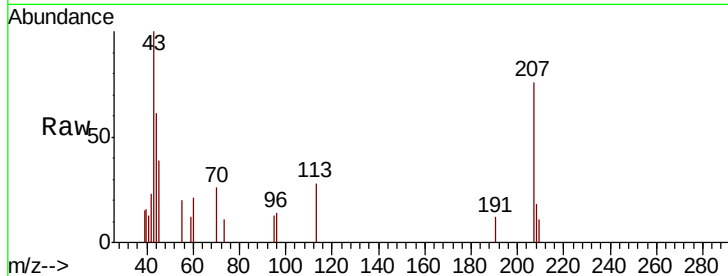
ClientSampled :

Tot Ion: 43 Resp: 1594

Ion Ratio Lower Upper

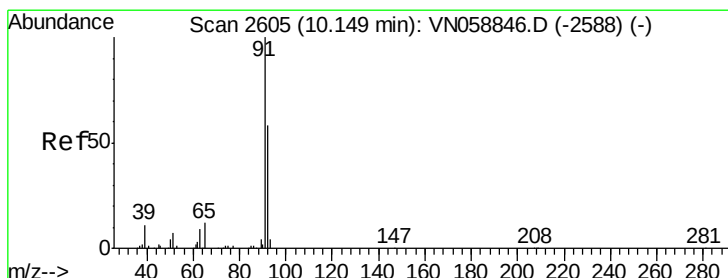
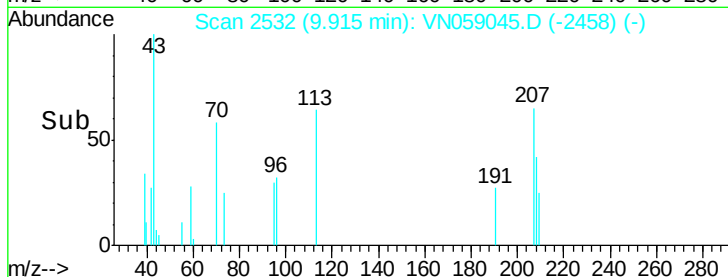
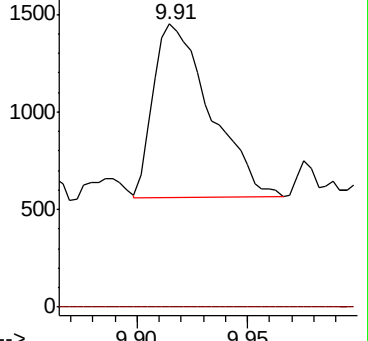
43 100

58 0.0 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 0.241 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.01 min

Lab File: VN059045.D

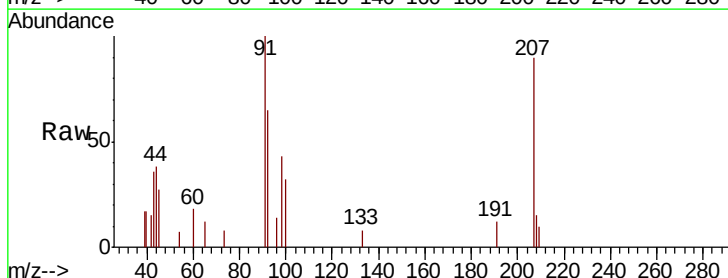
Acq: 31 Oct 2019 17:28

Tgt Ion: 92 Resp: 2573

Ion Ratio Lower Upper

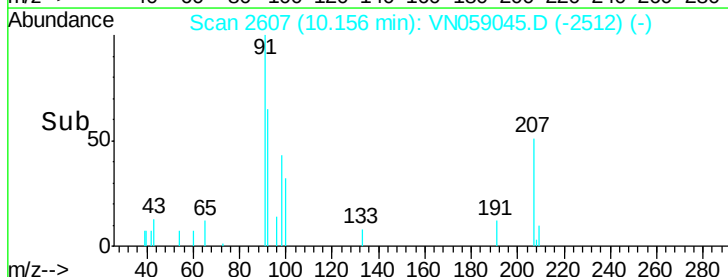
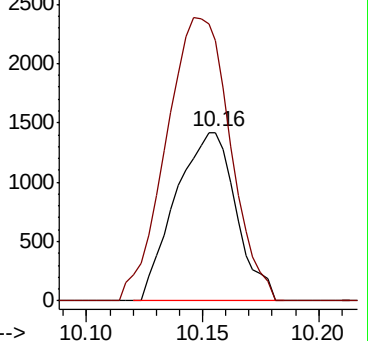
92 100

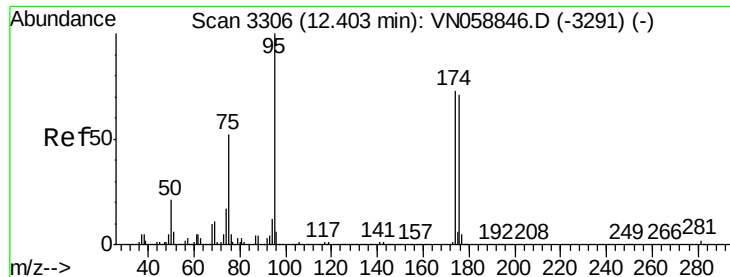
91 178.0 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

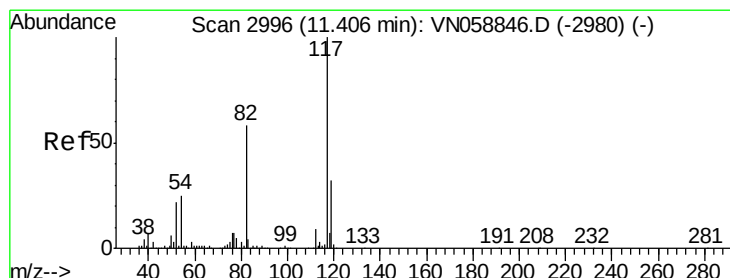
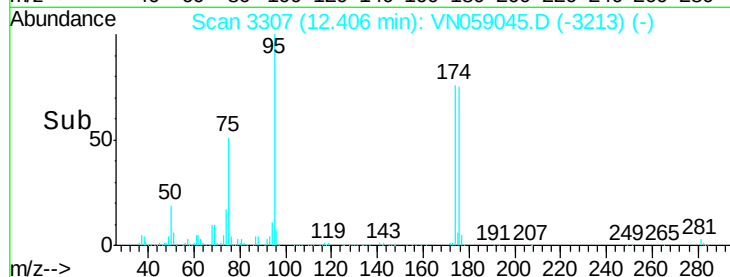
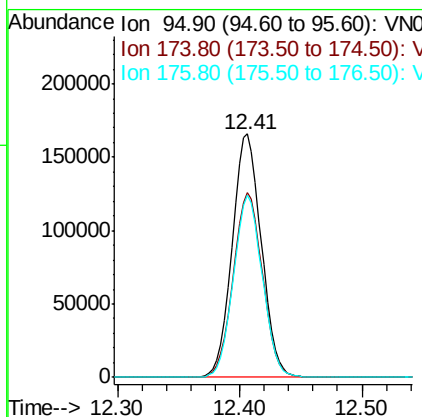
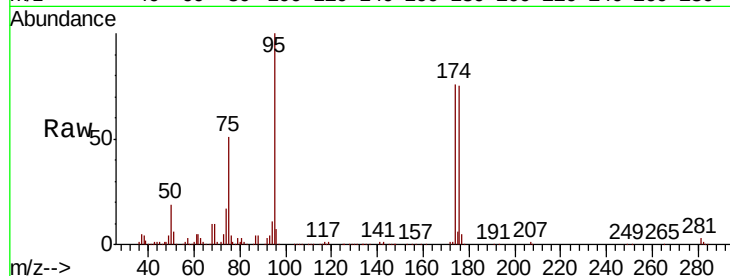




#62
4-Bromofluorobenzene
Concen: 49.082 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN059045.D
Acq: 31 Oct 2019 17:28

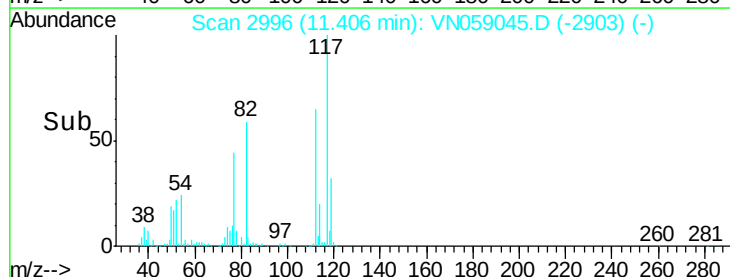
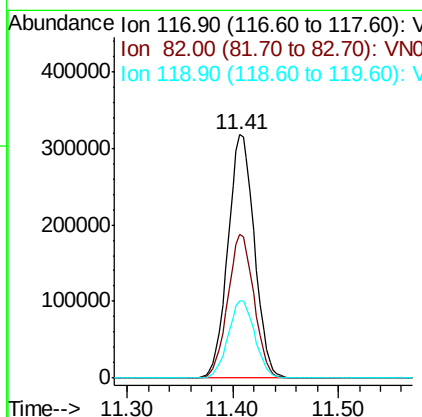
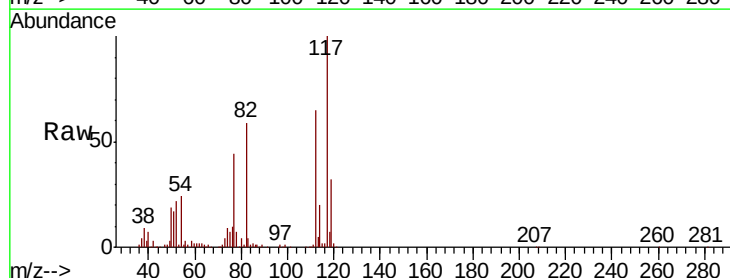
Instrument :
MSVOA_N
ClientSampleId :

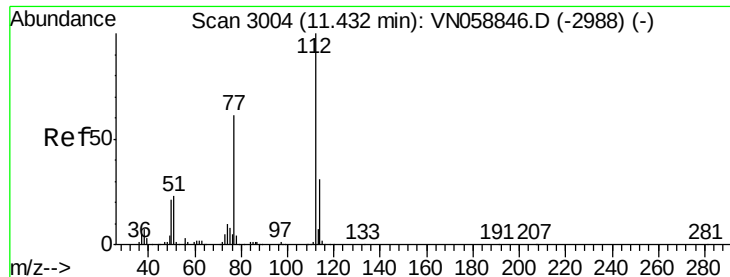
Tot Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	147.6
176	74.0	0.0	143.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059045.D
Acq: 31 Oct 2019 17:28

Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.0	46.6	69.8
119	31.7	25.6	38.4





#65

Chlorobenzene

Concen: 435.441 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN059045.D

Acq: 31 Oct 2019 17:28

Instrument :

MSVOA_N

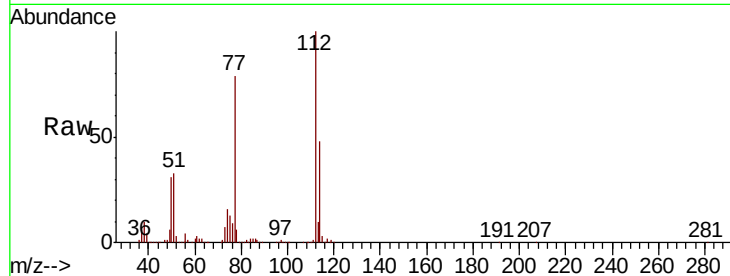
ClientSampled :

Tot Ion:112 Resp: 4871300

Ion Ratio Lower Upper

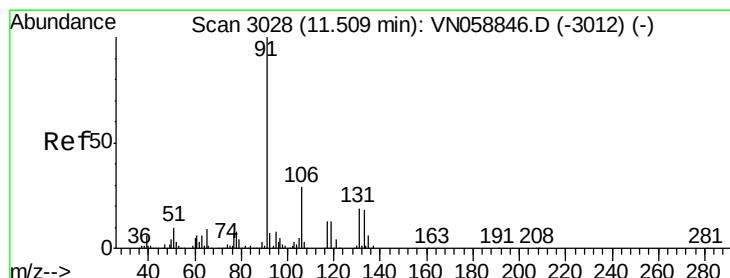
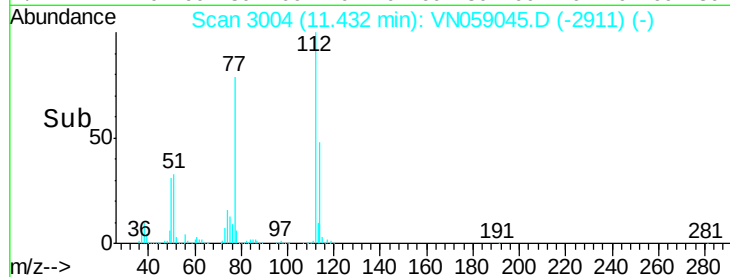
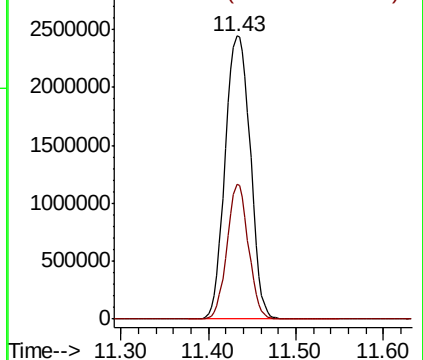
112 100

114 47.6 25.1 37.7#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 0.740 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059045.D

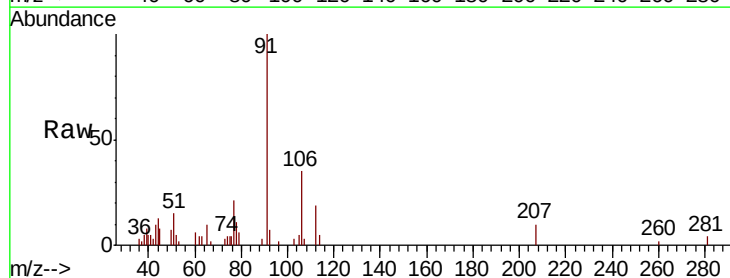
Acq: 31 Oct 2019 17:28

Tgt Ion: 91 Resp: 14518

Ion Ratio Lower Upper

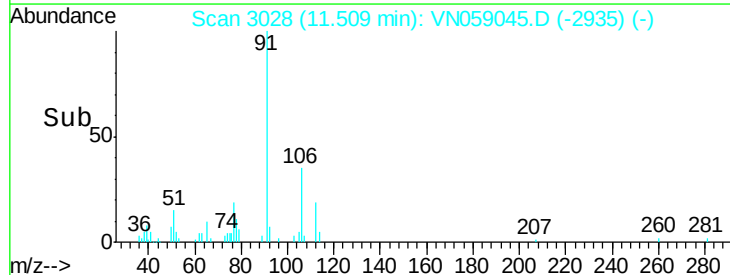
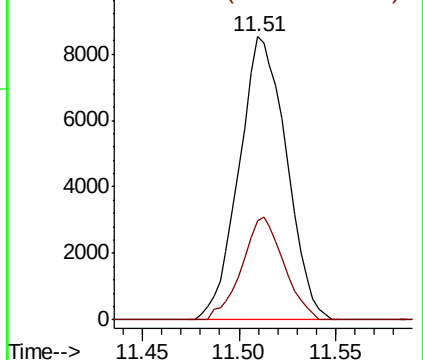
91 100

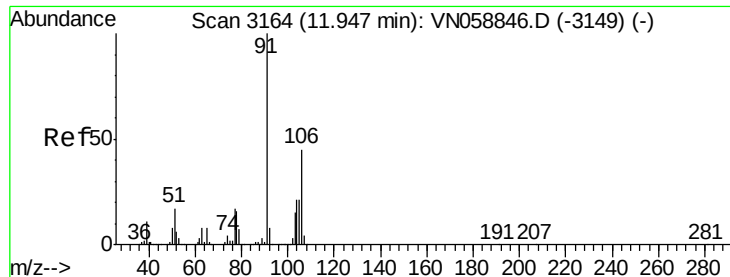
106 34.9 23.4 35.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

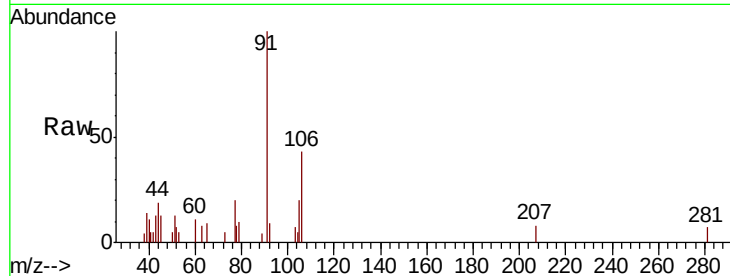




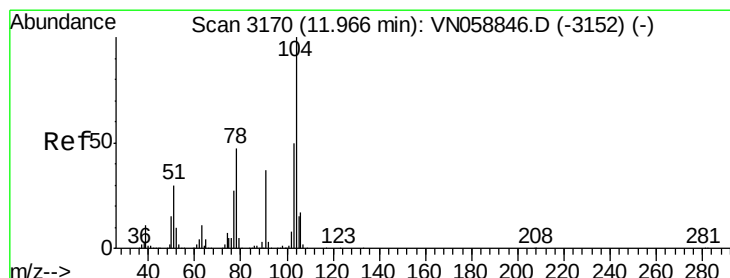
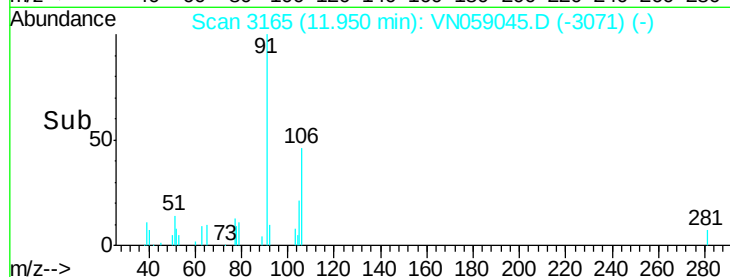
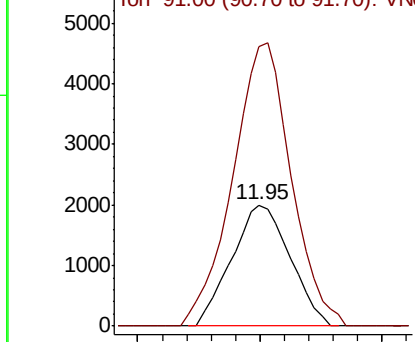
#69
o-Xylene
Concen: 0.478 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN059045.D
Acq: 31 Oct 2019 17:28

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 3316
Ion Ratio Lower Upper
106 100
91 233.9 111.5 334.4

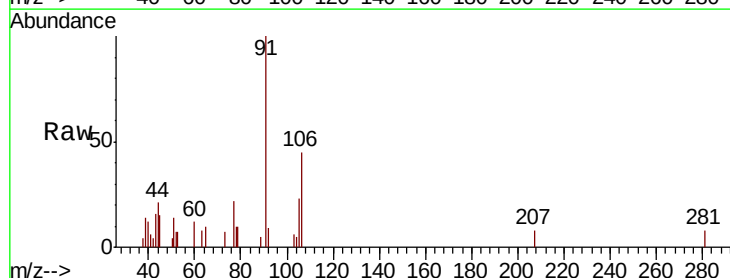


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

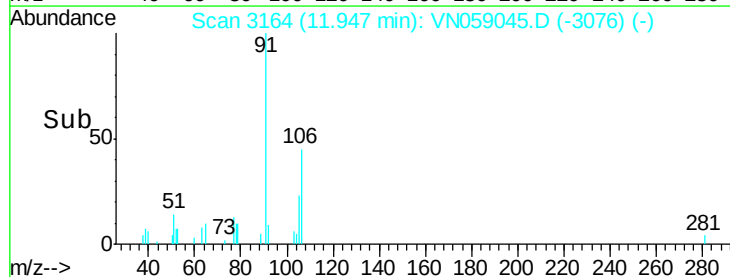
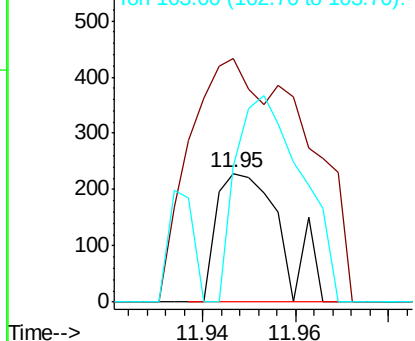


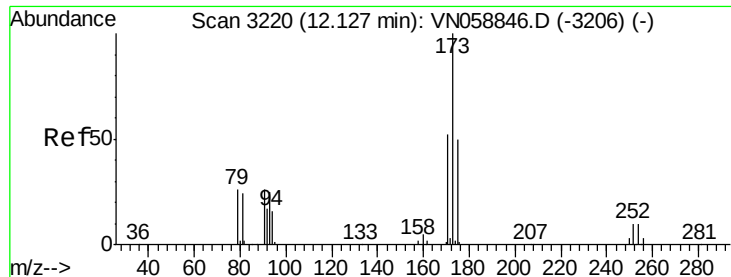
#70
Styrene
Concen: 1.730 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.02 min
Lab File: VN059045.D
Acq: 31 Oct 2019 17:28

Tgt Ion:104 Resp: 222
Ion Ratio Lower Upper
104 100
78 340.1 42.8 64.2#
103 164.4 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.521 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN059045.D

Acq: 31 Oct 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

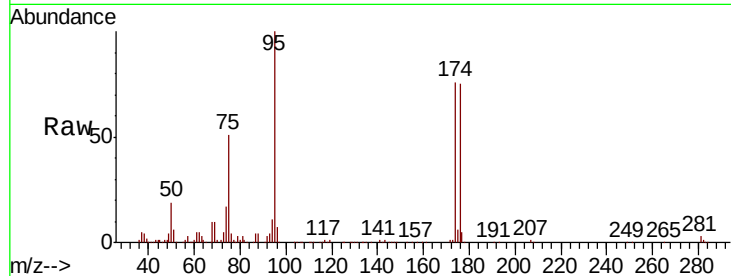
Tot Ion:173 Resp: 1704

Ion Ratio Lower Upper

173 100

175 687.9 24.7 74.1#

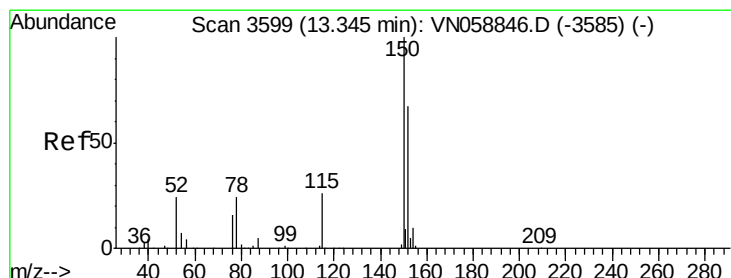
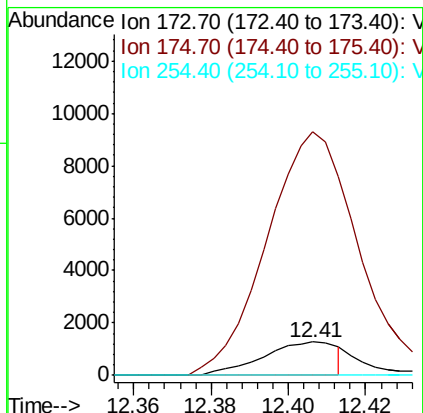
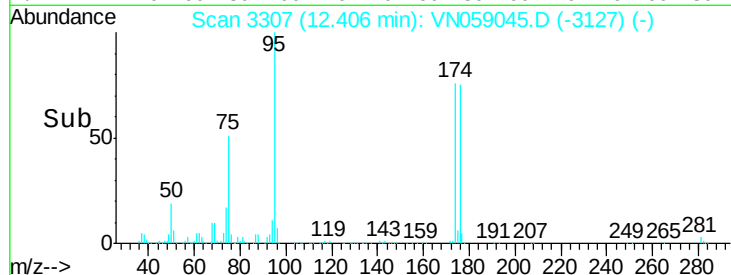
254 0.0 0.0 0.0



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: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN059045.D

Acq: 31 Oct 2019 17:28

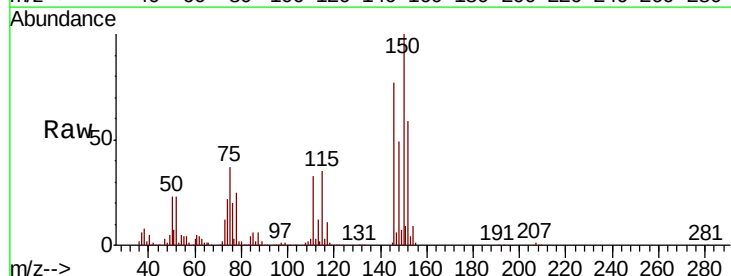
Tgt Ion:152 Resp: 257859

Ion Ratio Lower Upper

152 100

115 59.3 30.5 91.5

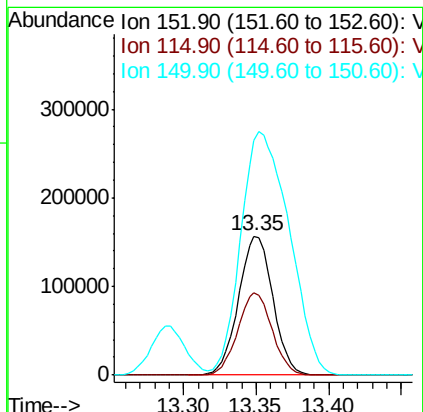
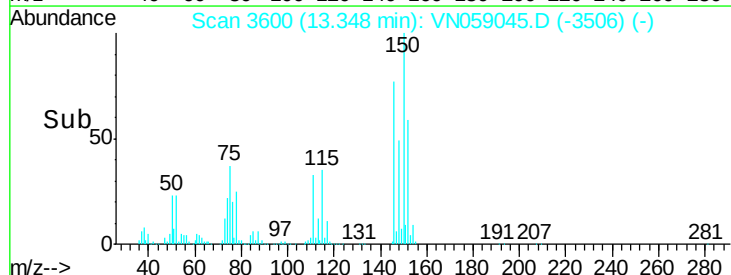
150 247.6 0.0 344.4

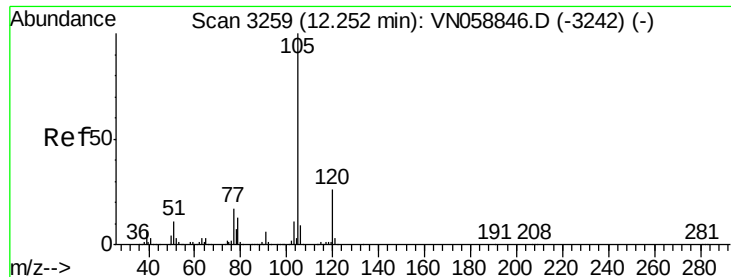


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.217 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN059045.D

Acq: 31 Oct 2019 17:28

Instrument :

MSVOA_N

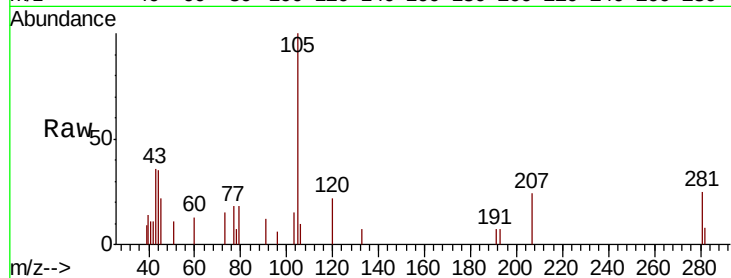
ClientSampleId :

Tot Ion: 105 Resp: 4091

Ion Ratio Lower Upper

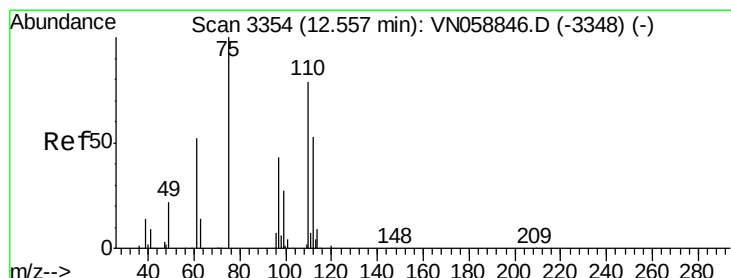
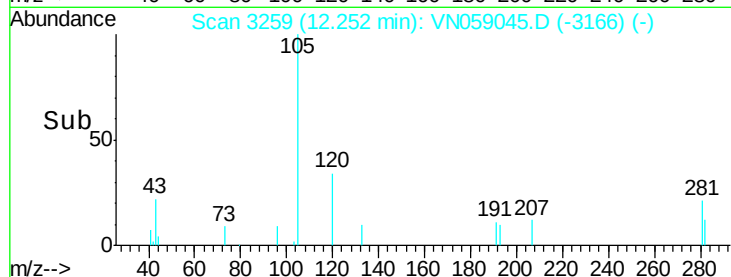
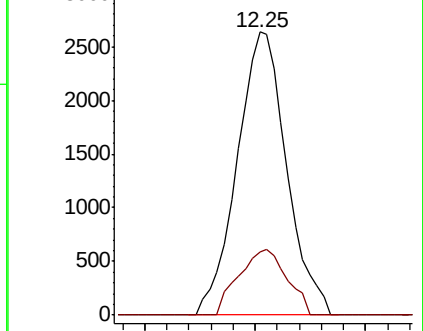
105 100

120 22.6 12.8 38.4



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: 23.464 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN059045.D

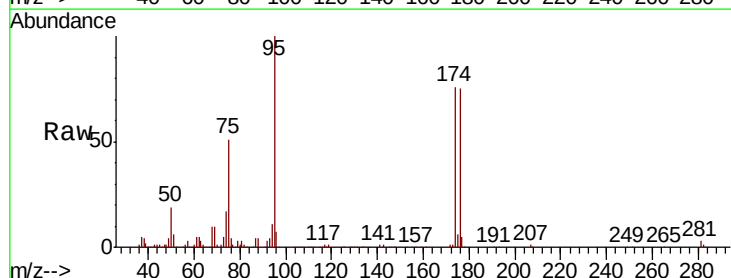
Acq: 31 Oct 2019 17:28

Tgt Ion: 75 Resp: 140224

Ion Ratio Lower Upper

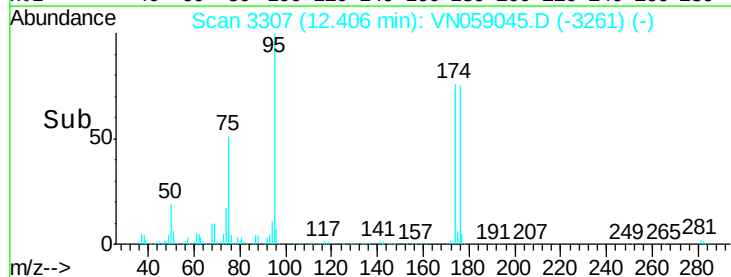
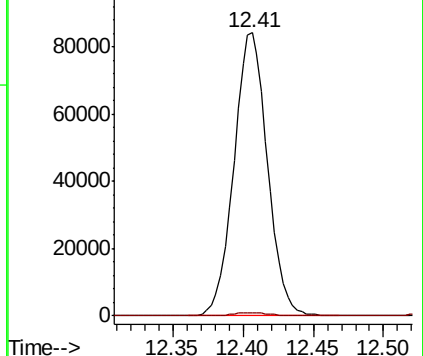
75 100

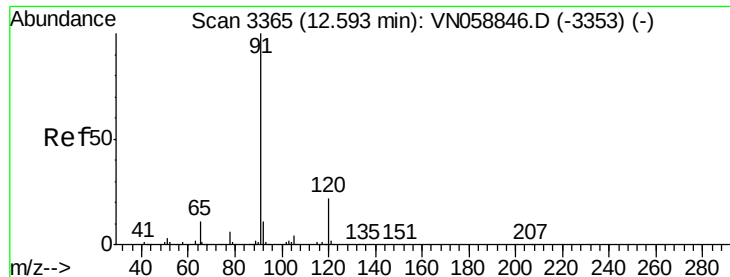
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 0.303 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN059045.D

Acq: 31 Oct 2019 17:28

Instrument :

MSVOA_N

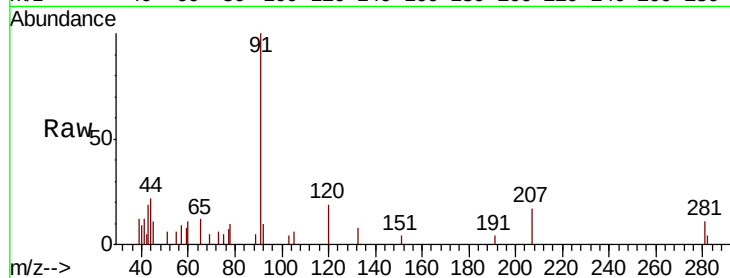
ClientSampleId :

Tot Ion: 91 Resp: 6747

Ion Ratio Lower Upper

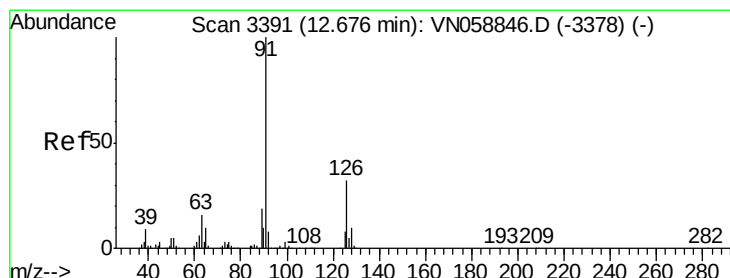
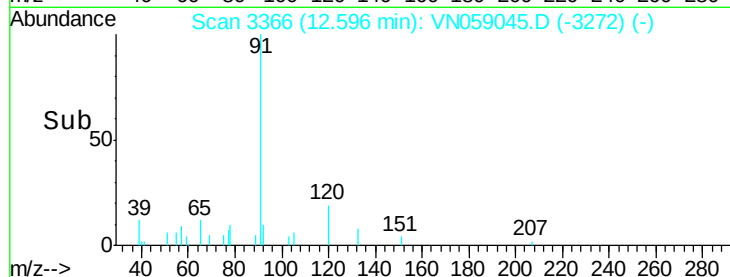
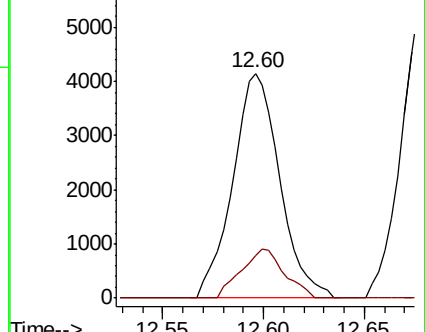
91 100

120 20.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN058846.D (-3353) (-)

Ion 120.00 (119.70 to 120.70): VN058846.D (-3353) (-)



#79

2-Chlorotoluene

Concen: 0.636 ug/l

RT: 12.68 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN059045.D

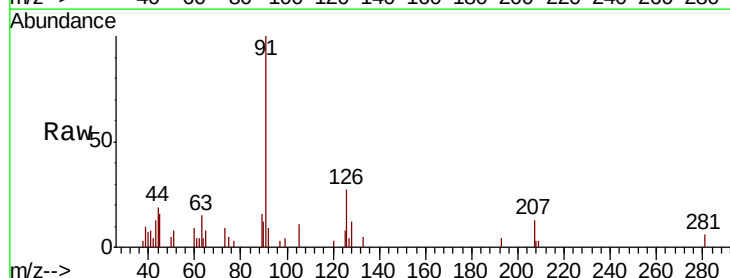
Acq: 31 Oct 2019 17:28

Tgt Ion: 91 Resp: 8673

Ion Ratio Lower Upper

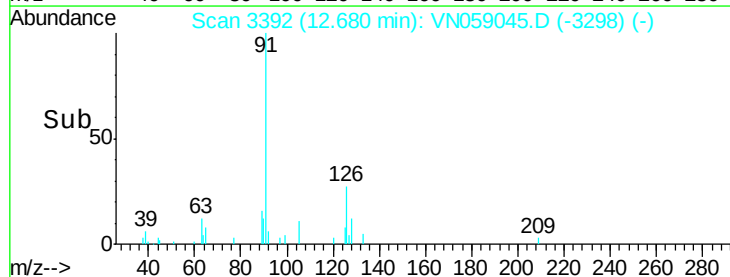
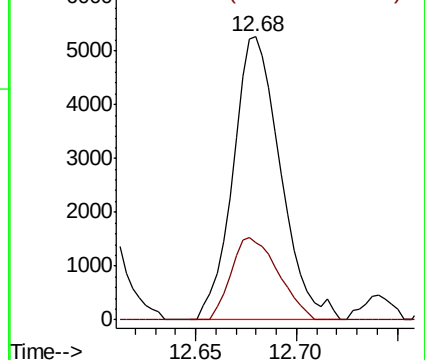
91 100

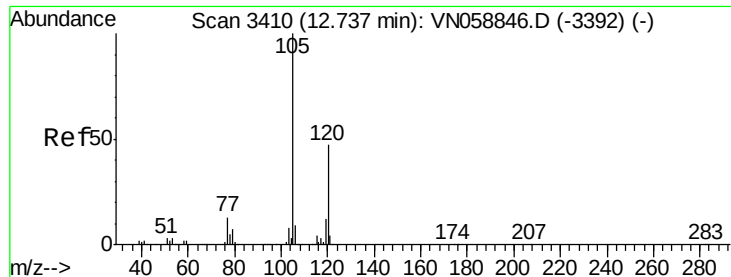
126 28.9 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VN058846.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN058846.D (-3378) (-)





#80

1,3,5-Trimethylbenzene

Concen: 0.287 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN059045.D

Acq: 31 Oct 2019 17:28

Instrument :

MSVOA_N

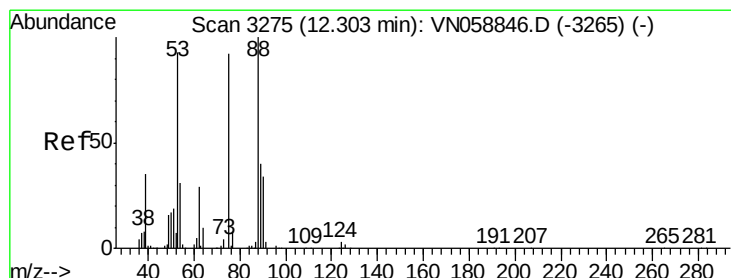
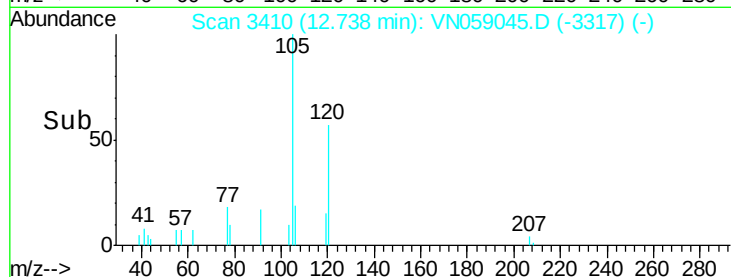
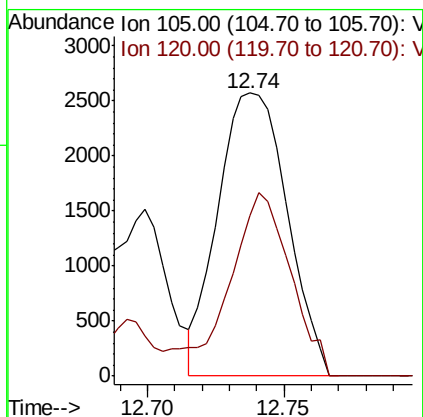
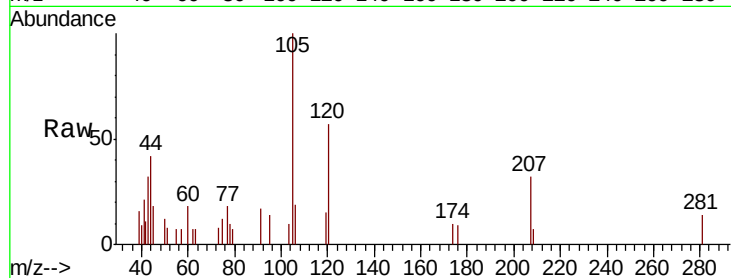
ClientSampleId :

Tot Ion:105 Resp: 4548

Ion Ratio Lower Upper

105 100

120 55.4 23.8 71.5



#81

trans-1,4-Dichloro-2-butene

Concen: 61.125 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN059045.D

Acq: 31 Oct 2019 17:28

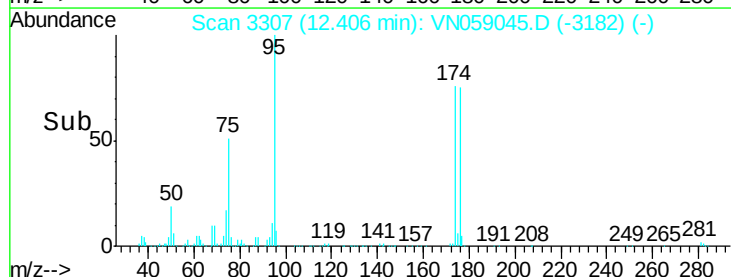
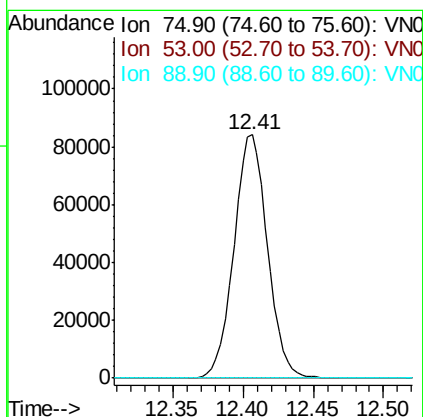
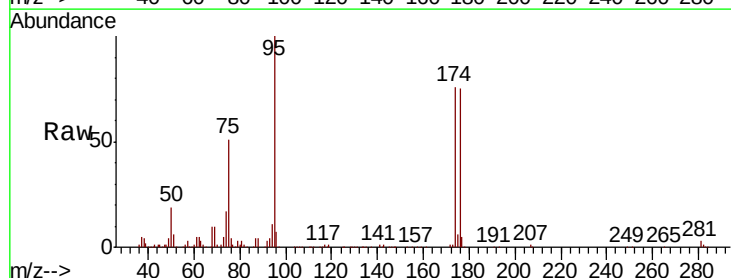
Tgt Ion: 75 Resp: 140224

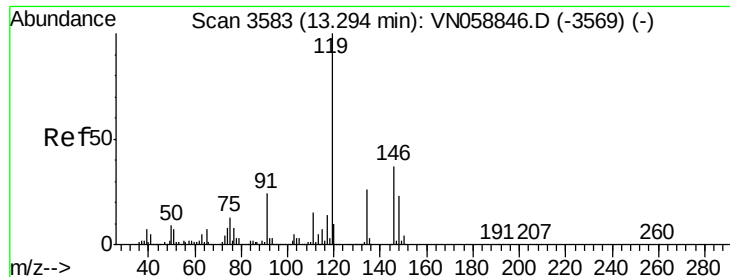
Ion Ratio Lower Upper

75 100

53 0.0 78.6 118.0#

89 0.0 35.4 53.0#

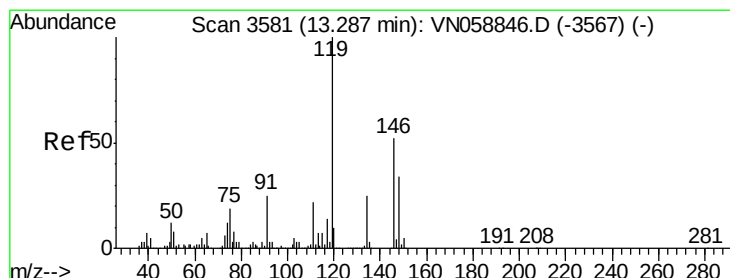
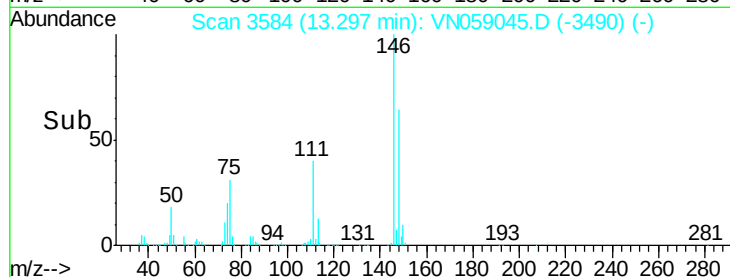
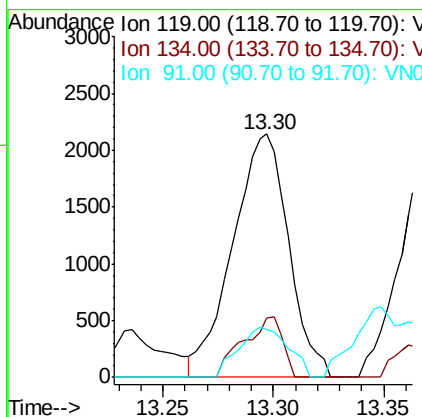
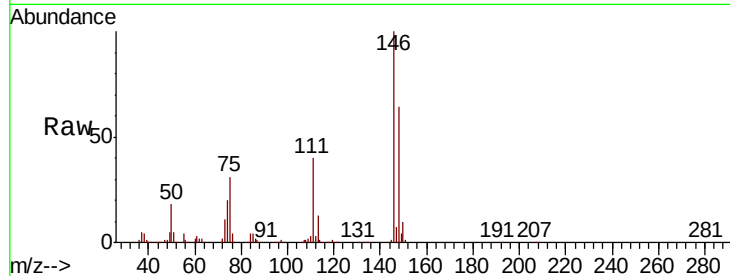




#86
 p-Isopropyltoluene
 Concen: 0.237 ug/l
 RT: 13.30 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN059045.D
 Acq: 31 Oct 2019 17:28

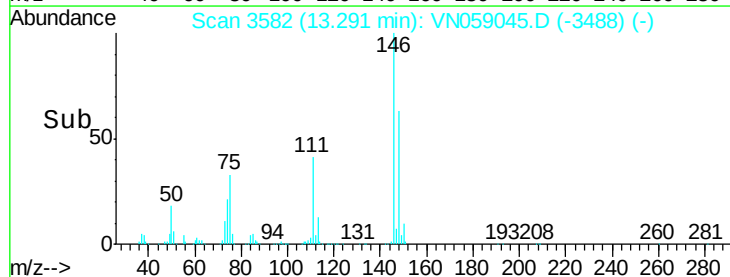
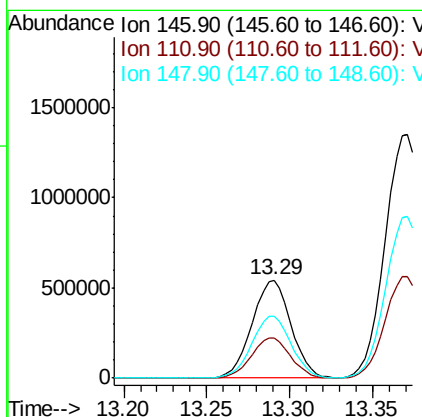
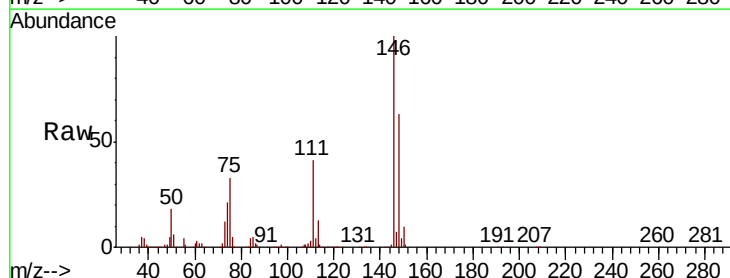
Instrument :
 MSVOA_N
 ClientSampled :

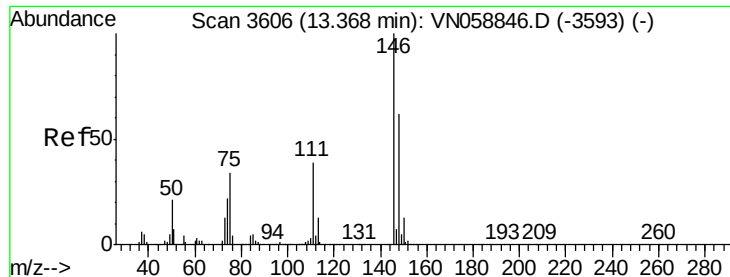
Tot Ion	Ratio	Lower	Upper
119	100		
134	17.4	12.8	38.4
91	18.2	12.2	36.4



#87
 1,3-Dichlorobenzene
 Concen: 107.173 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN059045.D
 Acq: 31 Oct 2019 17:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.0	63.0
148	63.8	32.1	96.3





#88

1,4-Dichlorobenzene

Concen: 272.505 ug/l

RT: 13.37 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN059045.D

Acq: 31 Oct 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

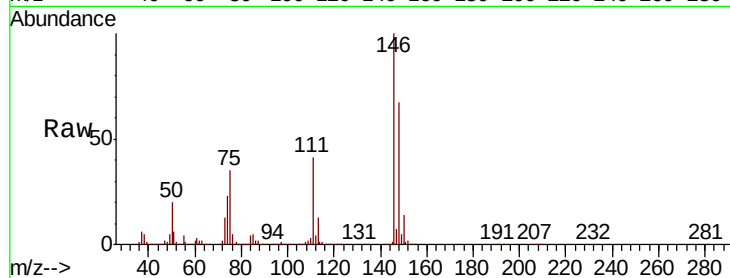
Tot Ion:146 Resp: 2265958

Ion Ratio Lower Upper

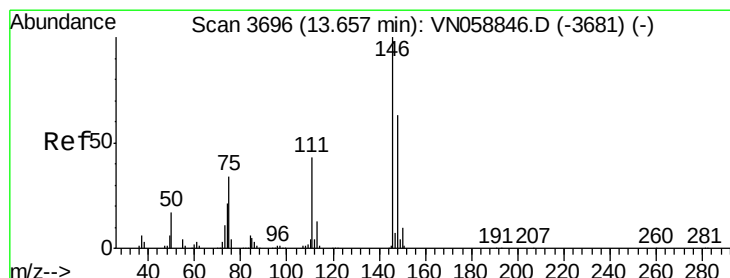
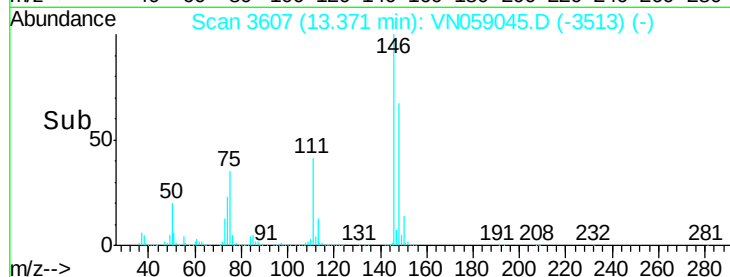
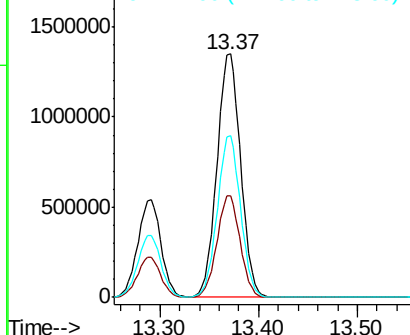
146 100

111 41.0 20.2 60.6

148 65.4 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#91

1,2-Dichlorobenzene

Concen: 875.188 ug/l

RT: 13.66 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN059045.D

Acq: 31 Oct 2019 17:28

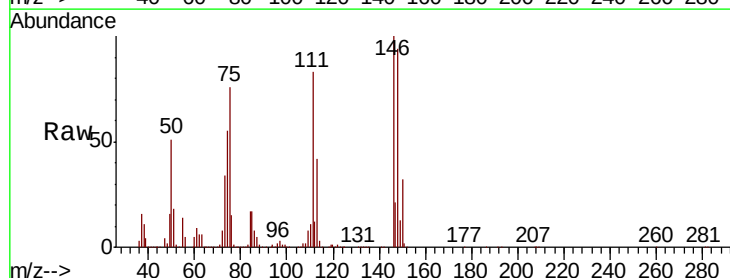
Tgt Ion:146 Resp: 7144288

Ion Ratio Lower Upper

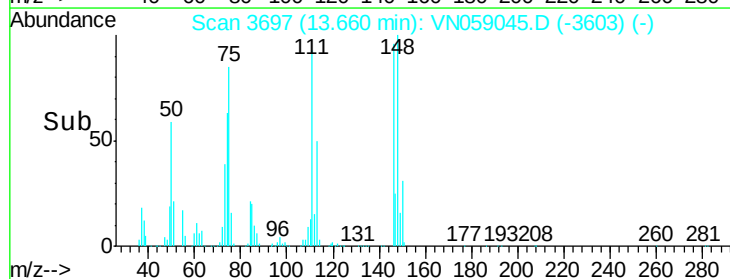
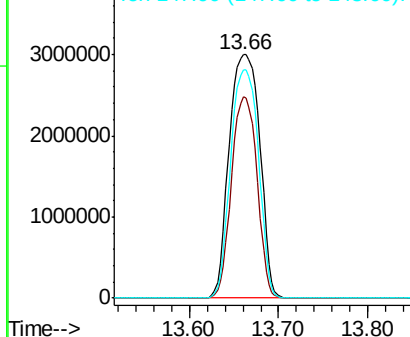
146 100

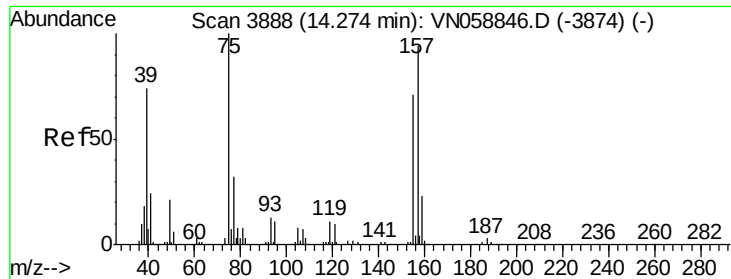
111 69.2 21.6 64.8#

148 85.4 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

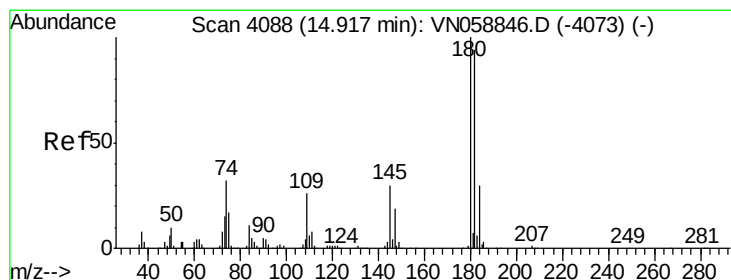
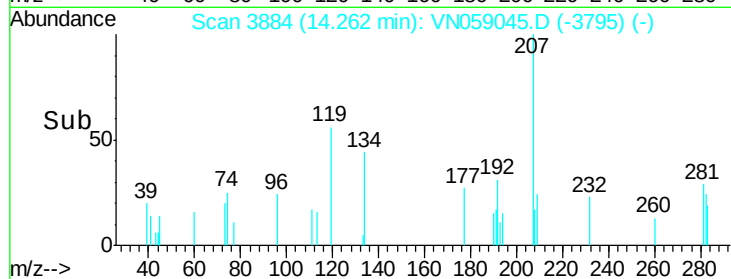
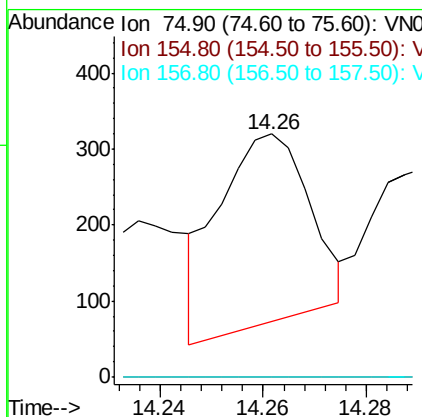
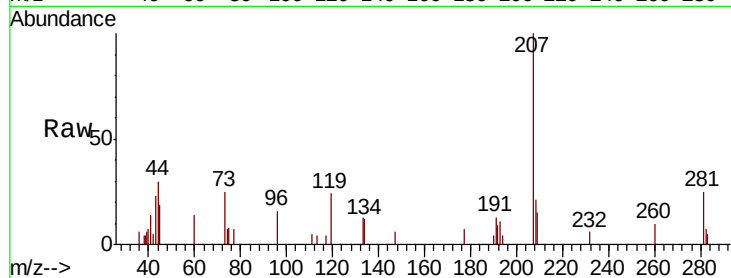




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.203 ug/l
 RT: 14.26 min Scan# 3884
 Delta R.T. -0.01 min
 Lab File: VN059045.D
 Acq: 31 Oct 2019 17:28

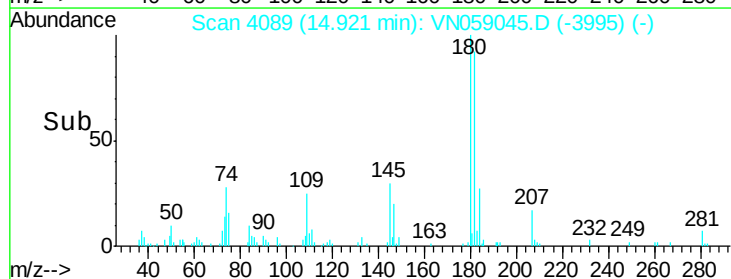
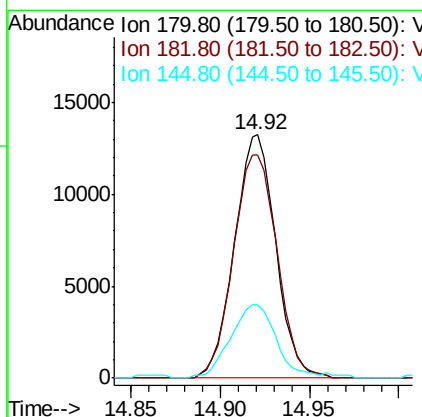
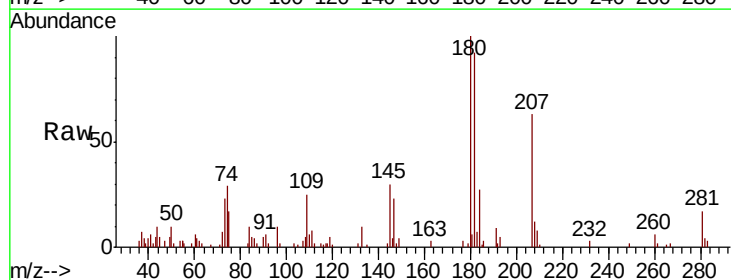
Instrument :
 MSVOA_N
 ClientSampled :

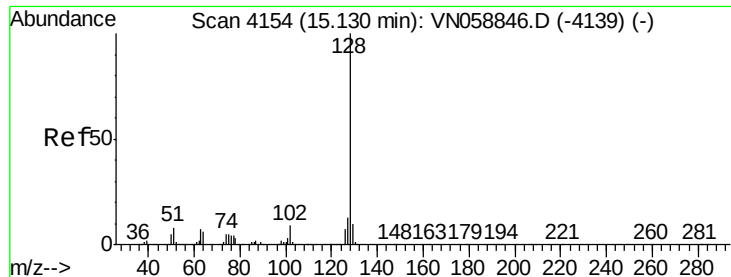
Tot Ion: 75 Resp: 304
 Ion Ratio Lower Upper
 75 100
 155 0.0 35.6 106.8#
 157 0.0 47.4 142.2#



#93
 1,2,4-Trichlorobenzene
 Concen: 6.460 ug/l
 RT: 14.92 min Scan# 4089
 Delta R.T. 0.00 min
 Lab File: VN059045.D
 Acq: 31 Oct 2019 17:28

Tgt Ion: 180 Resp: 21320
 Ion Ratio Lower Upper
 180 100
 182 97.1 47.3 142.0
 145 33.1 15.3 45.8





#95

Naphthalene

Concen: 2.675 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059045.D

Acq: 31 Oct 2019 17:28

Instrument :

MSVOA_N

ClientSampled :

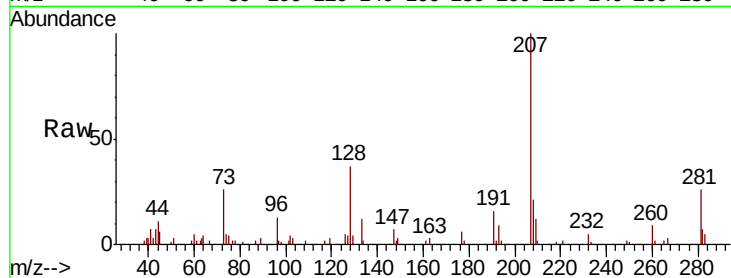
Tot Ion:128 Resp: 6946

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

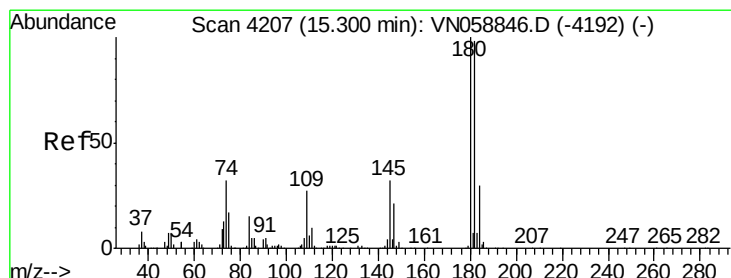
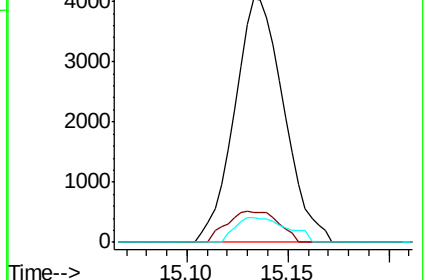
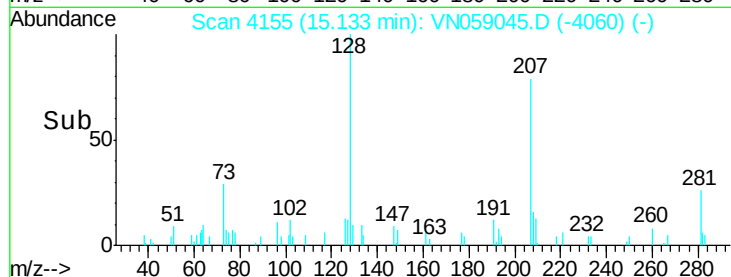
129 10.6 8.4 12.6



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: 2.913 ug/l

RT: 15.31 min Scan# 4209

Delta R.T. 0.01 min

Lab File: VN059045.D

Acq: 31 Oct 2019 17:28

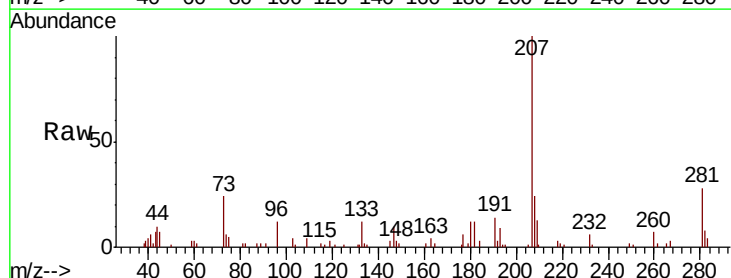
Tgt Ion:180 Resp: 2727

Ion Ratio Lower Upper

180 100

182 92.3 47.9 143.7

145 7.5 15.9 47.7#



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

