

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110119\
 Data File : VN059056.D
 Acq On : 1 Nov 2019 12:15
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 02 05:22:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:16:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	490700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	778958	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	713540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	365184	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	922359	130.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	261.54%	
35) Dibromofluoromethane	7.57	113	712045	139.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	279.10%	
50) Toluene-d8	10.08	98	2807675	141.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	282.08%	
62) 4-Bromofluorobenzene	12.40	95	1082323	148.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	296.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	784035	132.091	ug/l	98
3) Chloromethane	2.04	50	1023029	137.247	ug/l	99
4) Vinyl Chloride	2.17	62	1028500	139.539	ug/l	99
5) Bromomethane	2.52	94	566420	124.894	ug/l	100
6) Chloroethane	2.67	64	602280	128.622	ug/l	100
7) Trichlorofluoromethane	2.99	101	1203678	132.901	ug/l	99
8) Diethyl Ether	3.38	74	491849	152.709	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	713980	139.686	ug/l	100
10) Methyl Iodide	3.93	142	1005578	152.533	ug/l	100
11) Tert butyl alcohol	4.76	59	865148	725.693	ug/l	99
12) 1,1-Dichloroethene	3.71	96	717737	149.362	ug/l	97
13) Acrolein	3.58	56	652271	811.098	ug/l	99
14) Allyl chloride	4.29	41	1472203	151.725	ug/l	98
15) Acrylonitrile	4.95	53	2389730	802.399	ug/l	99
16) Acetone	3.79	43	2381479	684.944	ug/l	100
17) Carbon Disulfide	4.03	76	2276306	147.723	ug/l	100
18) Methyl Acetate	4.29	43	1190211	147.866	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	2522428	150.861	ug/l	100
20) Methylene Chloride	4.52	84	838529	139.335	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	780201	147.722	ug/l	99
22) Diisopropyl ether	5.92	45	2830653	149.946	ug/l	97
23) Vinyl Acetate	5.86	43	10007921	663.233	ug/l #	87
24) 1,1-Dichloroethane	5.82	63	1529235	139.691	ug/l	99
25) 2-Butanone	6.81	43	3358700	739.460	ug/l	98
26) 2,2-Dichloropropane	6.80	77	1279745	135.655	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	891741	148.086	ug/l	99
28) Bromochloromethane	7.17	49	446473	124.325	ug/l	100
29) Tetrahydrofuran	7.18	42	2162216	776.285	ug/l	99
30) Chloroform	7.35	83	1448628	132.803	ug/l	99
31) Cyclohexane	7.63	56	1471446	144.538	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	1251029	136.388	ug/l	99
36) 1,1-Dichloropropene	7.77	75	1173286	149.584	ug/l	99
37) Ethyl Acetate	6.90	43	1307840	152.738	ug/l	99
38) Carbon Tetrachloride	7.75	117	1118358	138.611	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	1429591	160.929	ug/l	99
40) Benzene	8.02	78	3376033	145.963	ug/l	98
41) Methacrylonitrile	7.18	41	1867244	481.260	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	1171020	133.452	ug/l	100
43) Isopropyl Acetate	8.14	43	2118186	153.942	ug/l	99
44) Trichloroethene	8.82	130	833039	147.513	ug/l	99
45) 1,2-Dichloropropane	9.10	63	932033	147.046	ug/l	98
46) Dibromomethane	9.19	93	567417	142.168	ug/l	99
47) Bromodichloromethane	9.39	83	1177413	143.476	ug/l	99
48) Methyl methacrylate	9.18	41	990941	159.750	ug/l	98
49) 1,4-Dioxane	9.19	88	297848	2855.090	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	5234677	654.459	ug/l #	85
52) Toluene	10.15	92	2090018	152.685	ug/l	93
53) t-1,3-Dichloropropene	10.37	75	1411097	154.893	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	1510958	154.843	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	821047	145.384	ug/l	99
56) Ethyl methacrylate	10.42	69	1435717	172.191	ug/l	100
57) 1,3-Dichloropropane	10.70	76	1451521	147.037	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	2787922	795.176	ug/l	98
59) 2-Hexanone	10.75	43	4287267	694.879	ug/l	89
60) Dibromochloromethane	10.90	129	923009	152.040	ug/l	99
61) 1,2-Dibromoethane	11.00	107	872264	151.242	ug/l	100
64) Tetrachloroethene	10.63	164	730215	147.766	ug/l	98
65) Chlorobenzene	11.43	112	2171678	150.982	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	821117	151.551	ug/l	99
67) Ethyl Benzene	11.51	91	3702906	147.128	ug/l	90
68) m/p-Xylenes	11.62	106	2988429	320.627	ug/l	79
69) o-Xylene	11.95	106	1456676	163.426	ug/l	91
70) Styrene	11.96	104	2464184	169.531	ug/l	98
71) Bromoform	12.13	173	697358	165.185	ug/l #	100
73) Isopropylbenzene	12.25	105	3605347	136.249	ug/l	95
74) N-amyl acetate	12.07	43	1897483	159.183	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	1305472	140.341	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	1801647	212.707	ug/l #	100
77) Bromobenzene	12.53	156	949172	145.311	ug/l	99
78) n-propylbenzene	12.59	91	4081446	130.642	ug/l	92
79) 2-Chlorotoluene	12.68	91	2663779	139.108	ug/l	97
80) 1,3,5-Trimethylbenzene	12.74	105	3190941	144.011	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.30	75	516204	159.082	ug/l	98
82) 4-Chlorotoluene	12.78	91	2789318	142.951	ug/l	97
83) tert-Butylbenzene	13.00	119	2806207	147.883	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	3169775	145.131	ug/l	94
85) sec-Butylbenzene	13.17	105	3576890	141.701	ug/l	96
86) p-Isopropyltoluene	13.29	119	3283886	147.212	ug/l	95
87) 1,3-Dichlorobenzene	13.29	146	1743069	149.659	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	1736729	149.037	ug/l	100
89) n-Butylbenzene	13.62	91	3104657	152.431	ug/l	95
90) Hexachloroethane	13.88	117	657593	145.238	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	1679820	147.015	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	291153	139.987	ug/l	98

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QLast Update : Sat Nov 02 05:16:18 2019
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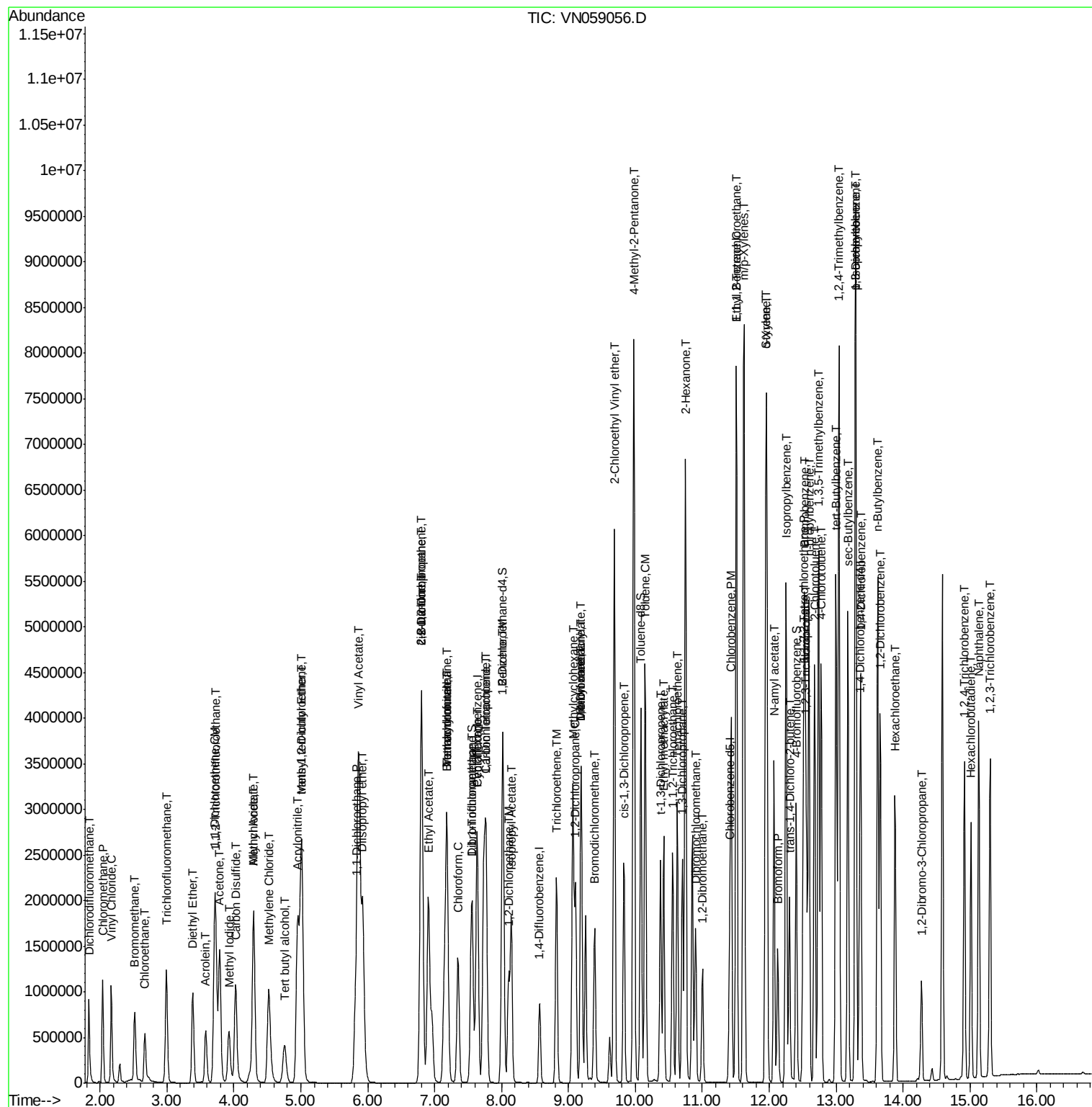
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	1131584	180.425	ug/l	99
94) Hexachlorobutadiene	15.01	225	547363	147.045	ug/l	100
95) Naphthalene	15.13	128	3145237	181.045	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	1096251	177.611	ug/l	100

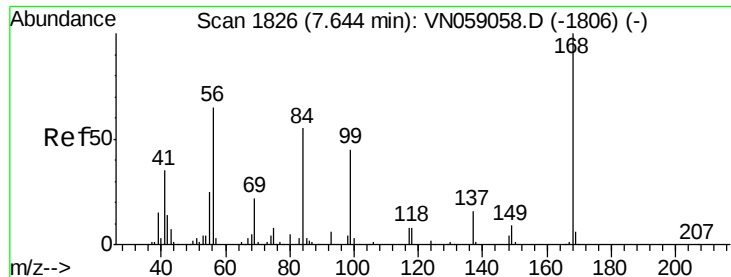
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Nov 02 05:16:18 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

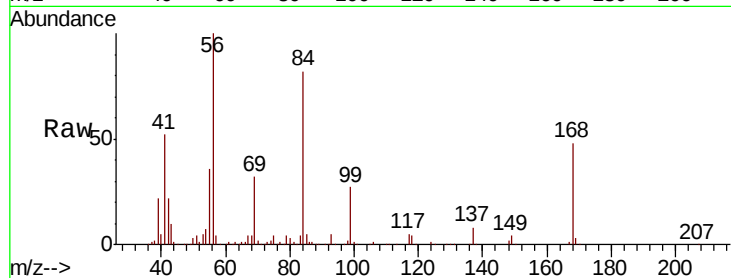
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 490700

Ion Ratio Lower Upper

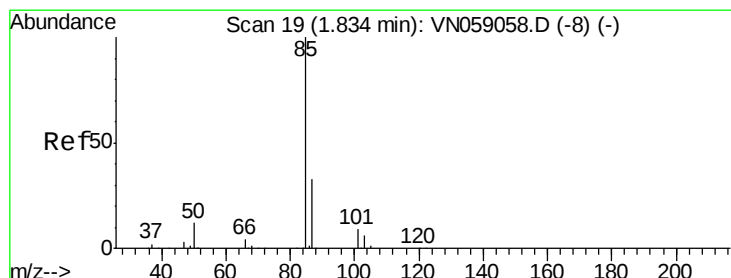
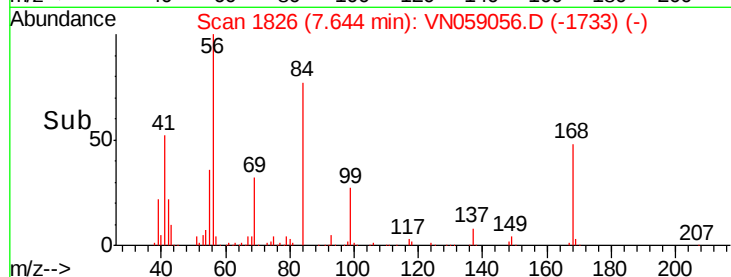
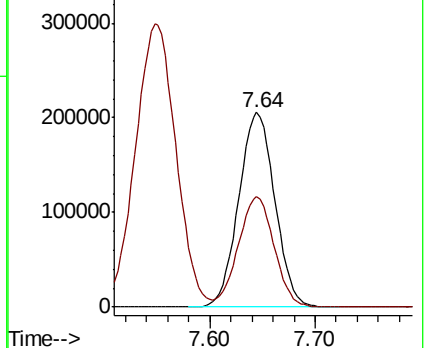
168 100

99 56.6 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 132.091 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059056.D

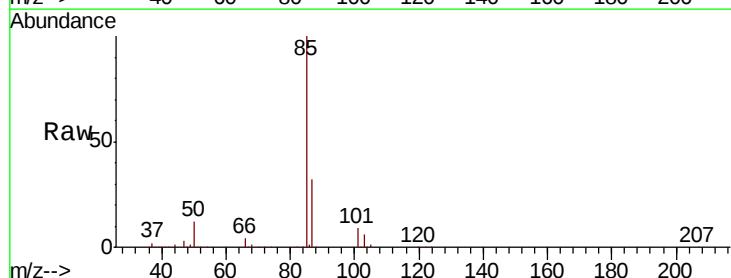
Acq: 1 Nov 2019 12:15

Tgt Ion: 85 Resp: 784035

Ion Ratio Lower Upper

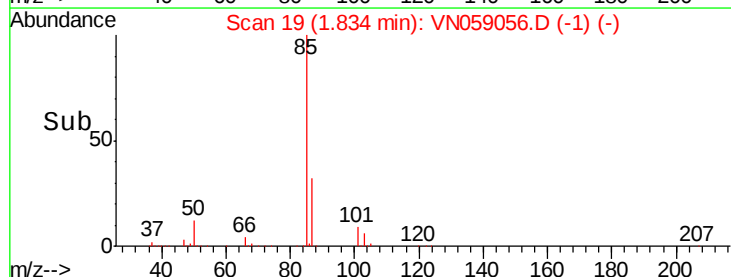
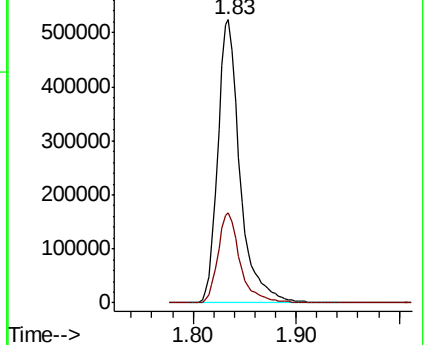
85 100

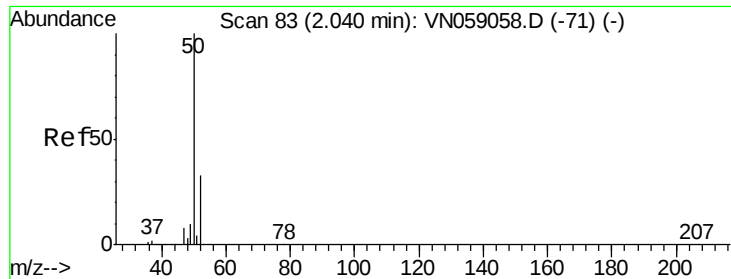
87 31.9 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 137.247 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

Instrument :

MSVOA_N

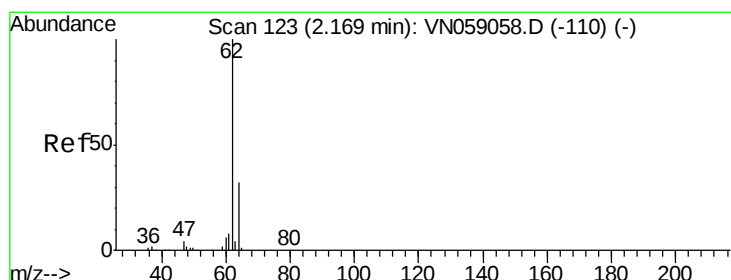
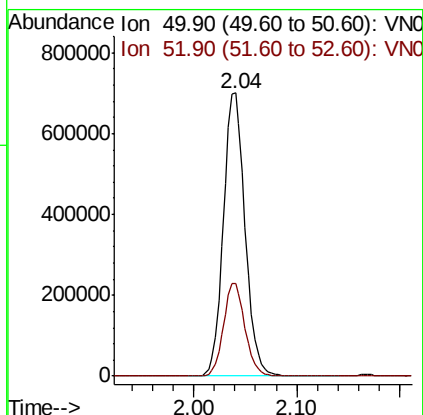
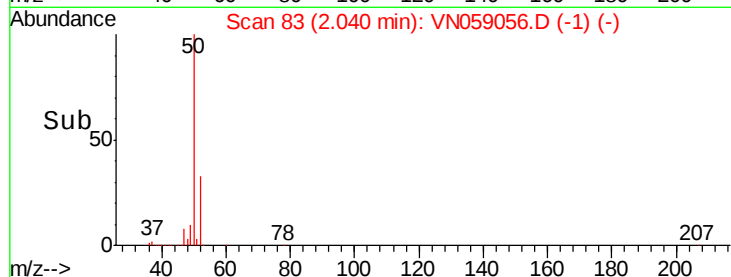
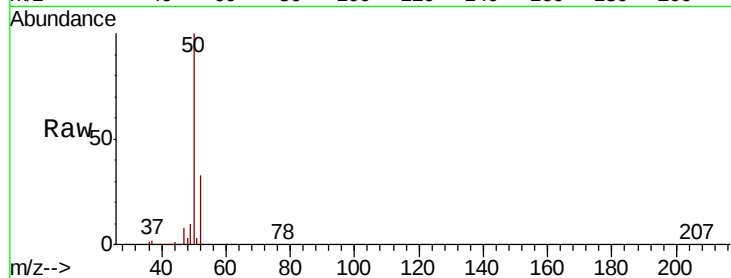
ClientSampled :

Tot Ion: 50 Resp: 1023029

Ion Ratio Lower Upper

50 100

52 32.6 26.3 39.5



#4

Vinyl Chloride

Concen: 139.539 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059056.D

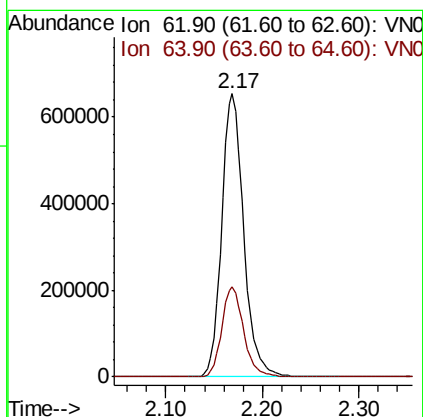
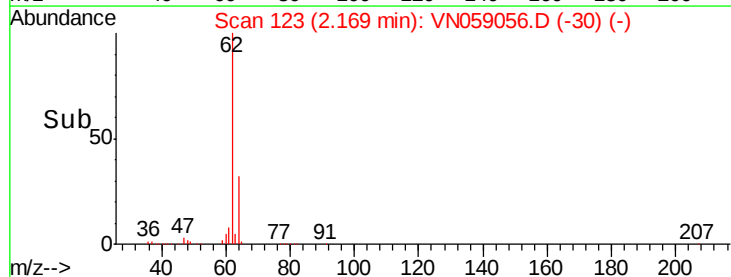
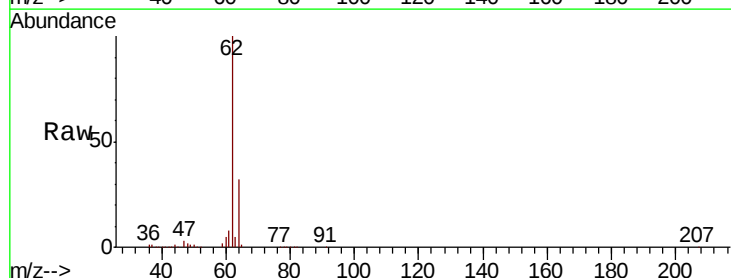
Acq: 1 Nov 2019 12:15

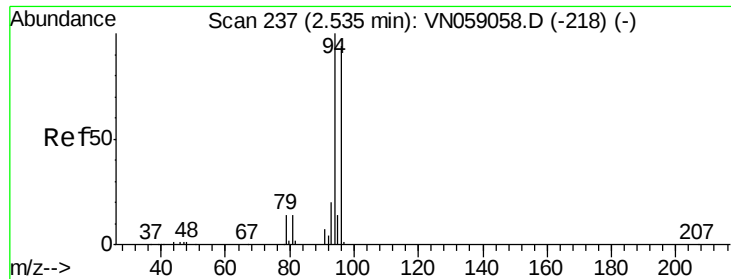
Tgt Ion: 62 Resp: 1028500

Ion Ratio Lower Upper

62 100

64 31.8 25.8 38.8





#5

Bromomethane

Concen: 124.894 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.02 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

Instrument :

MSVOA_N

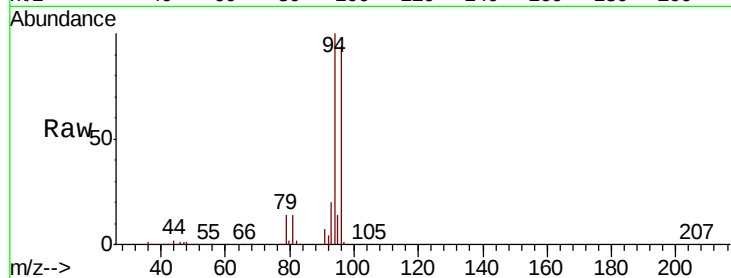
ClientSampled :

Tot Ion: 94 Resp: 566420

Ion Ratio Lower Upper

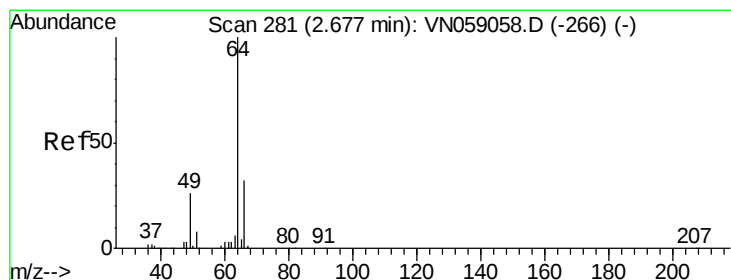
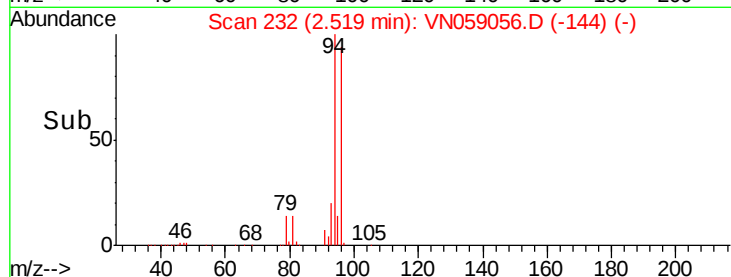
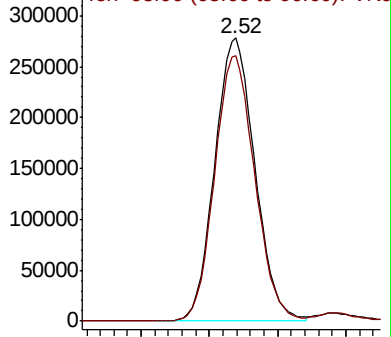
94 100

96 93.8 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 128.622 ug/l

RT: 2.67 min Scan# 279

Delta R.T. -0.01 min

Lab File: VN059056.D

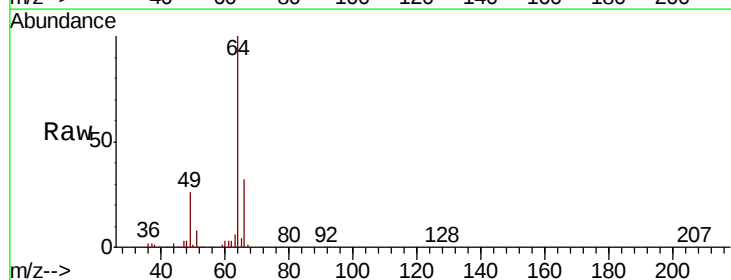
Acq: 1 Nov 2019 12:15

Tgt Ion: 64 Resp: 602280

Ion Ratio Lower Upper

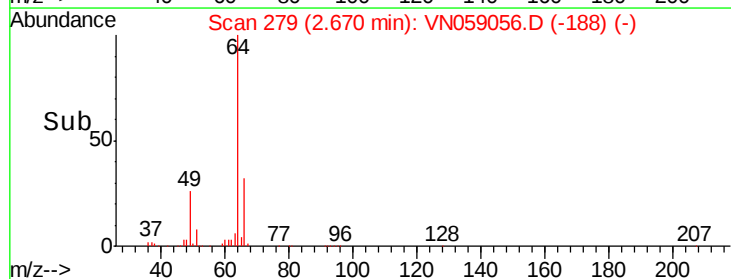
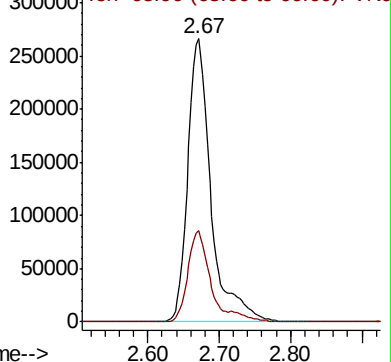
64 100

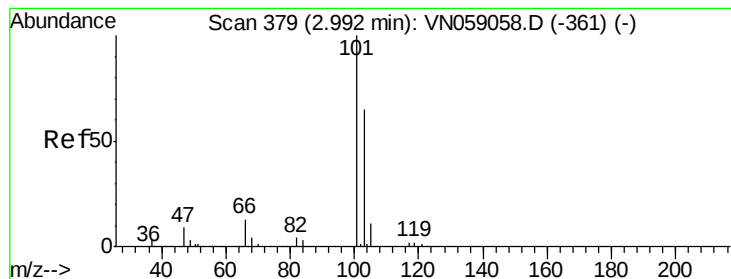
66 32.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



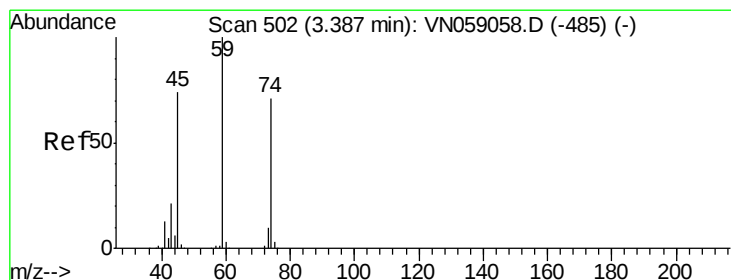
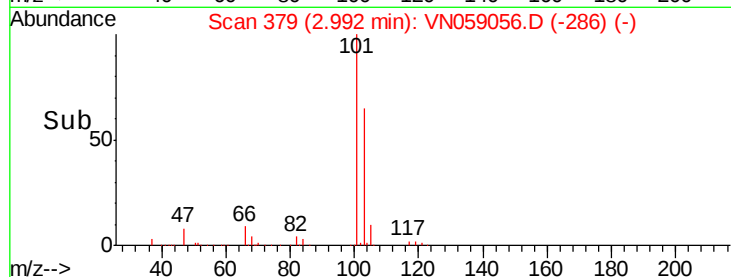
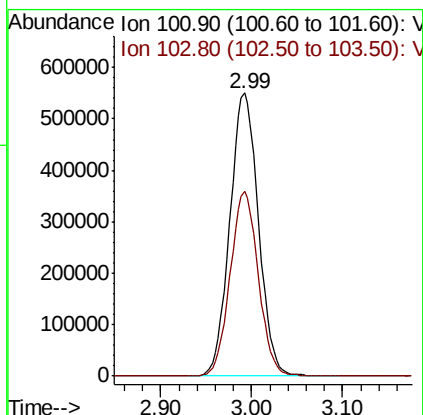
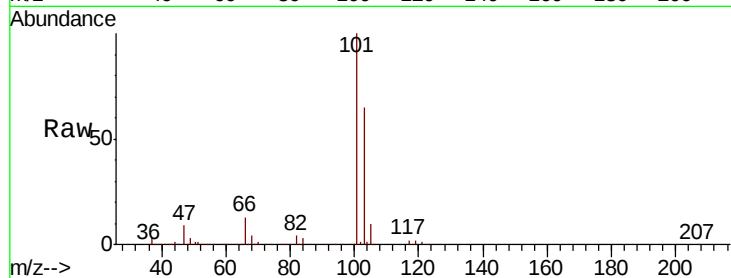


#7

Trichlorofluoromethane
 Concen: 132.901 ug/l
 RT: 2.99 min Scan# 379
 Delta R.T. 0.00 min
 Lab File: VN059056.D
 Acq: 1 Nov 2019 12:15

Instrument :
 MSVOA_N
 ClientSampled :

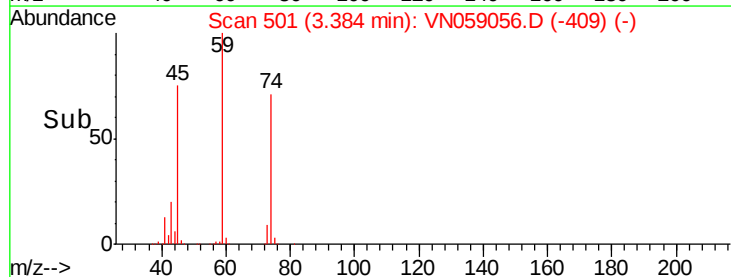
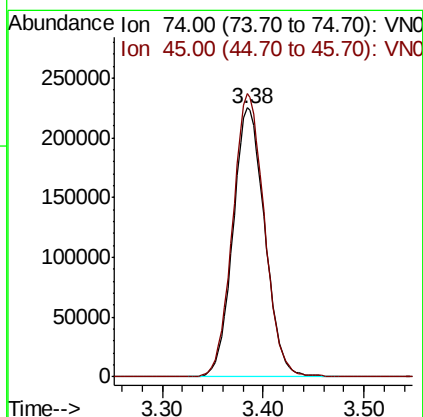
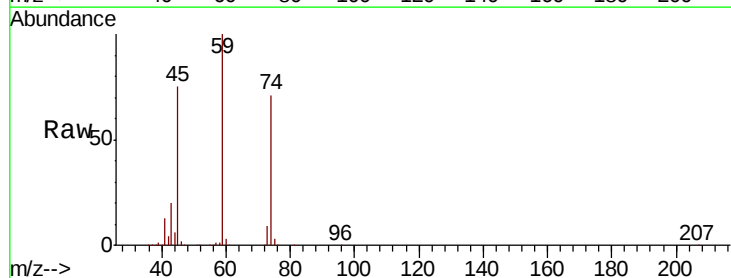
Tot Ion:101 Resp: 1203678
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.7 77.5

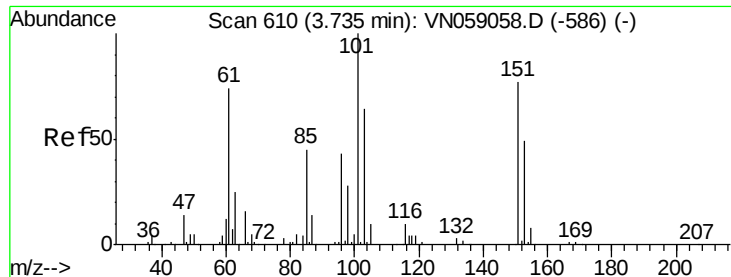


#8

Diethyl Ether
 Concen: 152.709 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN059056.D
 Acq: 1 Nov 2019 12:15

Tgt Ion: 74 Resp: 491849
 Ion Ratio Lower Upper
 74 100
 45 105.2 52.8 158.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 139.686 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

Instrument :

MSVOA_N

ClientSampled :

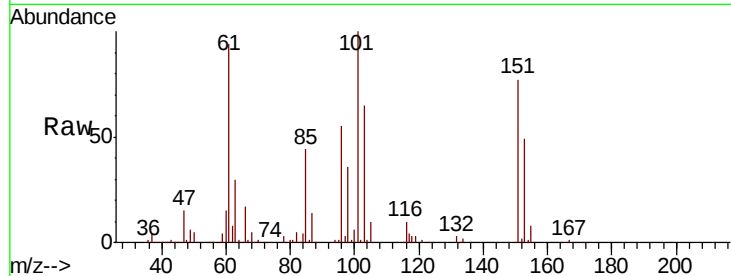
Tot Ion:101 Resp: 713980

Ion Ratio Lower Upper

101 100

85 43.7 35.0 52.6

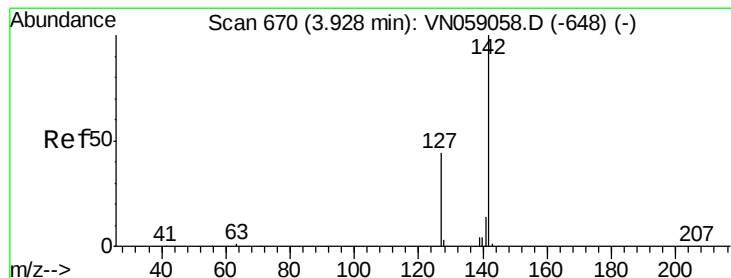
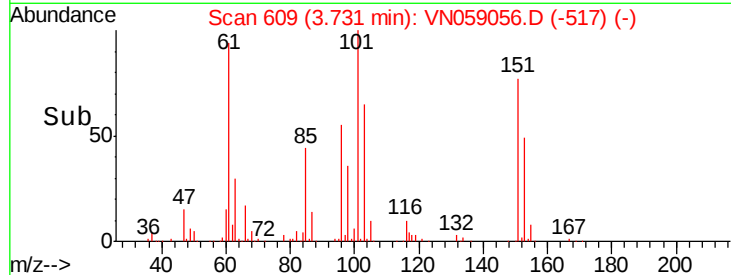
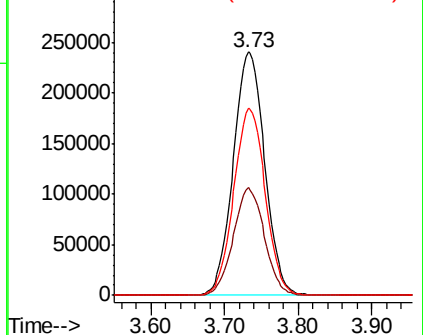
151 77.0 61.3 91.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 152.533 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

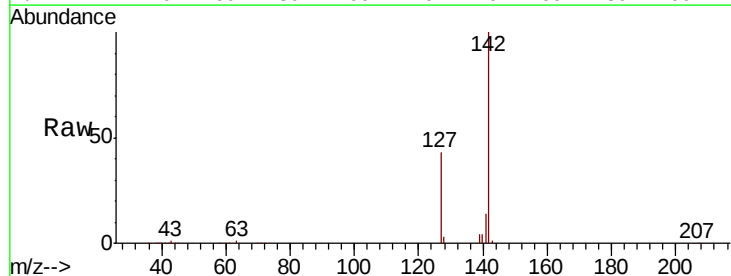
Tgt Ion:142 Resp: 1005578

Ion Ratio Lower Upper

142 100

127 42.7 34.2 51.2

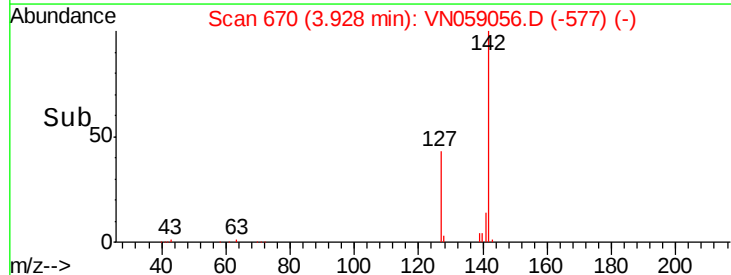
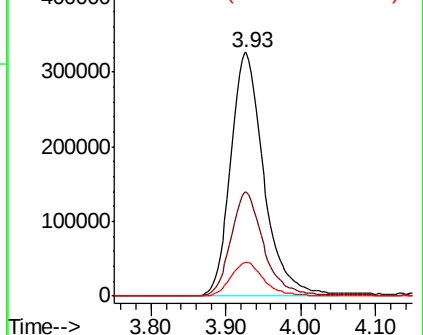
141 13.9 11.1 16.7

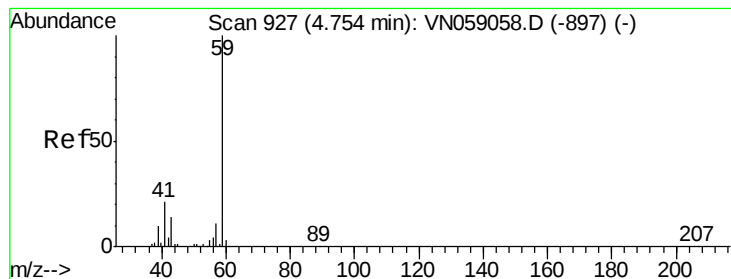


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



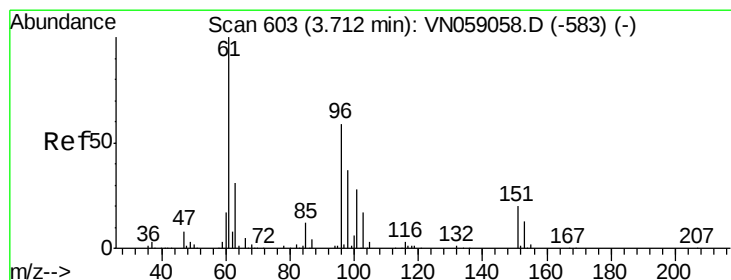
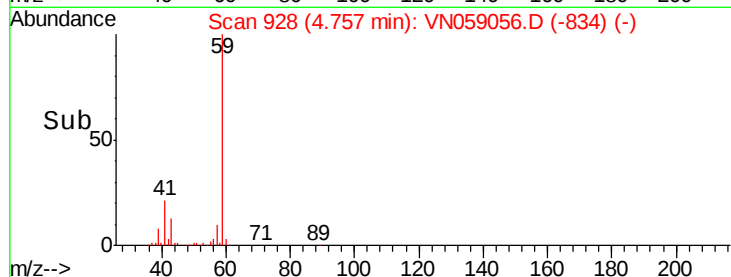
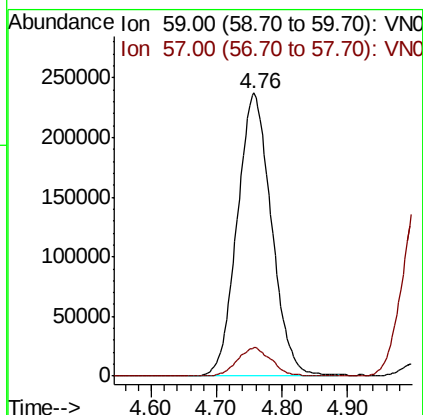
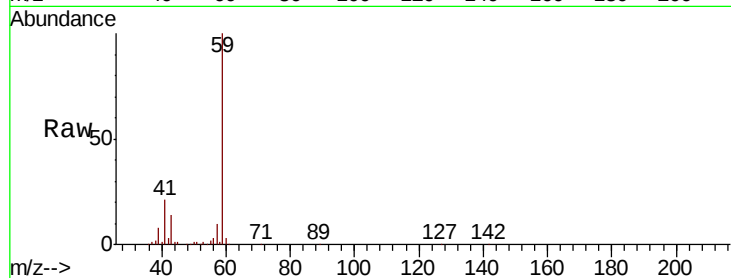


#11

Tert butyl alcohol
Concen: 725.693 ug/l
RT: 4.76 min Scan# 928
Delta R.T. 0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

Instrument :
MSVOA_N
ClientSampled :

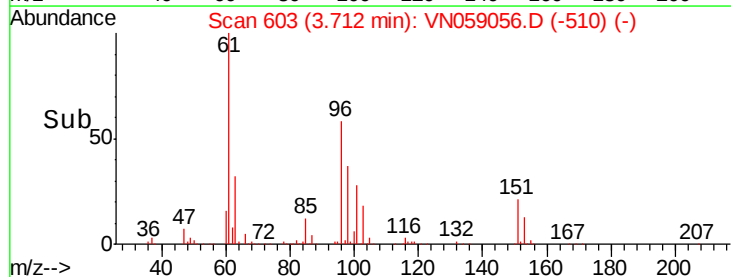
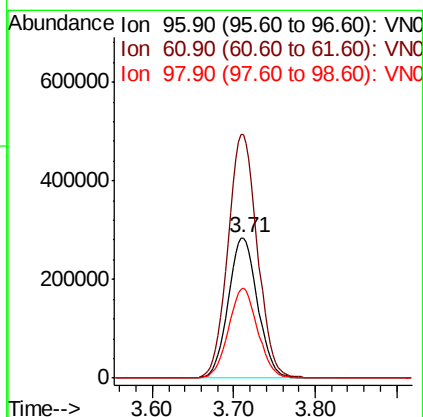
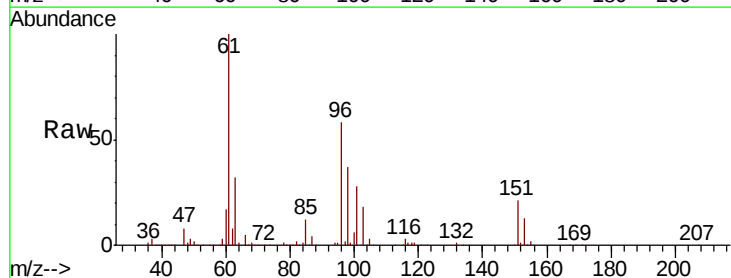
Tot Ion: 59 Resp: 865148
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

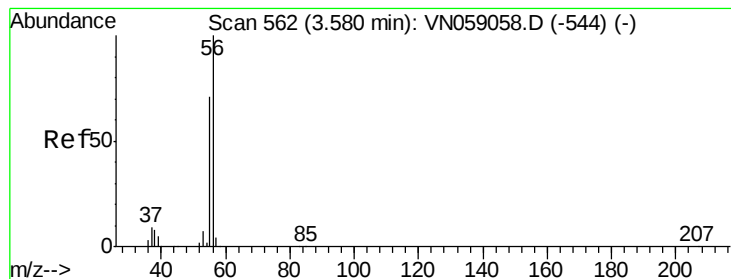


#12

1,1-Dichloroethene
Concen: 149.362 ug/l
RT: 3.71 min Scan# 603
Delta R.T. 0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

Tgt Ion: 96 Resp: 717737
Ion Ratio Lower Upper
96 100
61 173.0 135.3 202.9
98 64.0 49.4 74.2





#13

Acrolein

Concen: 811.098 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

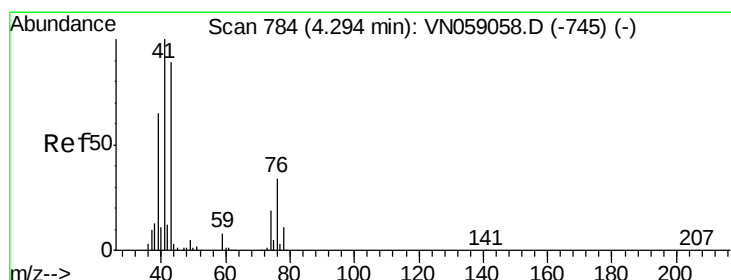
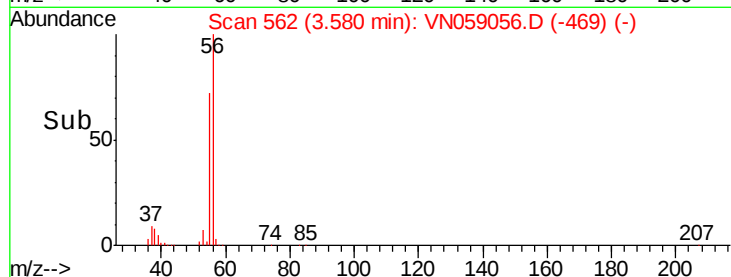
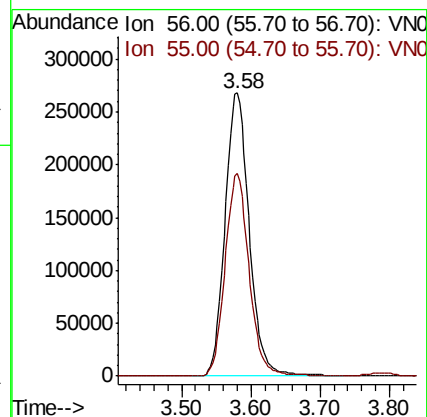
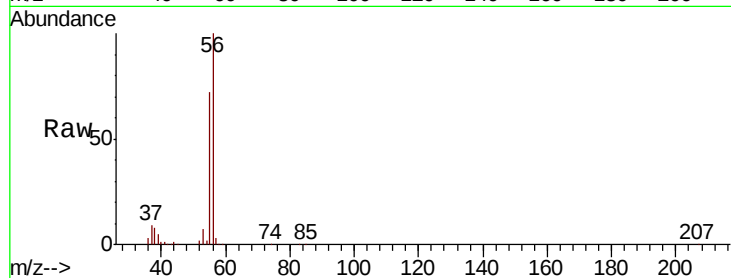
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 652271

Ion Ratio Lower Upper

56 100

55 71.3 56.1 84.1



#14

Allyl chloride

Concen: 151.725 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

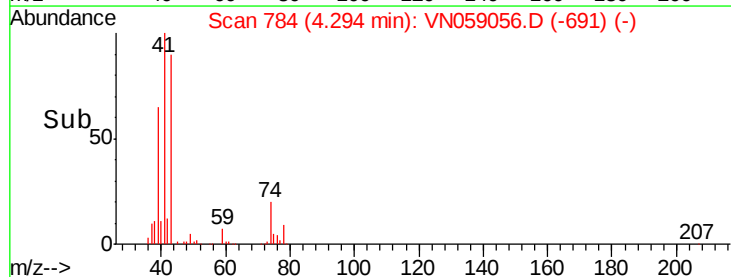
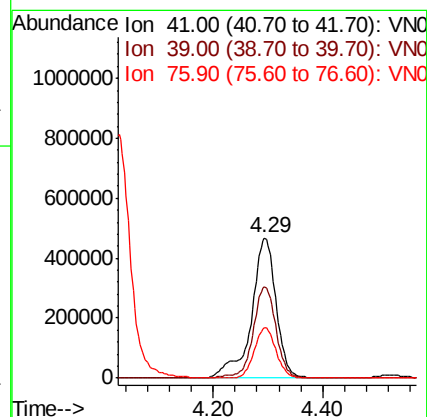
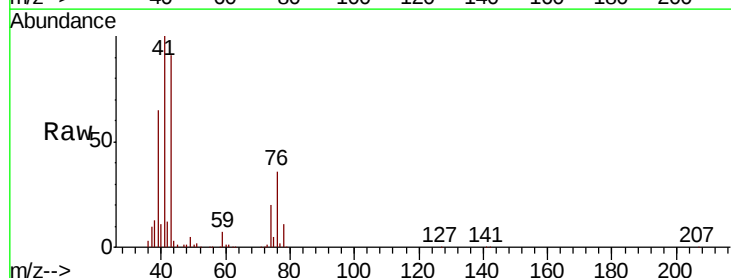
Tgt Ion: 41 Resp: 1472203

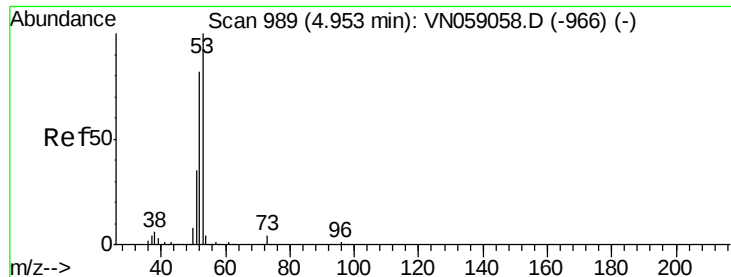
Ion Ratio Lower Upper

41 100

39 60.4 49.4 74.2

76 31.5 24.6 37.0





#15

Acrylonitrile

Concen: 802.399 ug/l

RT: 4.95 min Scan# 989

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

Instrument :

MSVOA_N

ClientSampleId :

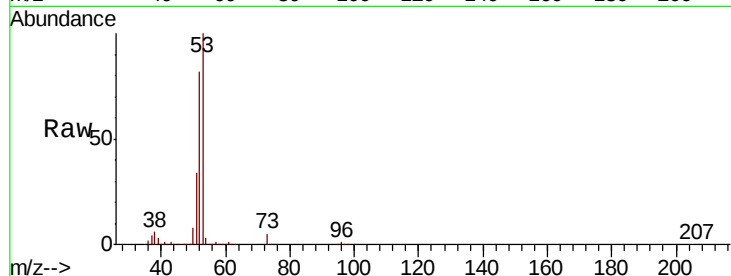
Tot Ion: 53 Resp: 2389730

Ion Ratio Lower Upper

53 100

52 81.6 66.0 99.0

51 34.7 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VN059058.D (-966) (-)

Ion 52.00 (51.70 to 52.70): VN059058.D (-966) (-)

Ion 51.00 (50.70 to 51.70): VN059058.D (-966) (-)

4.95

800000

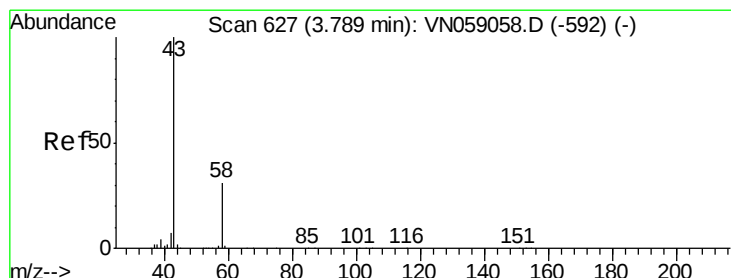
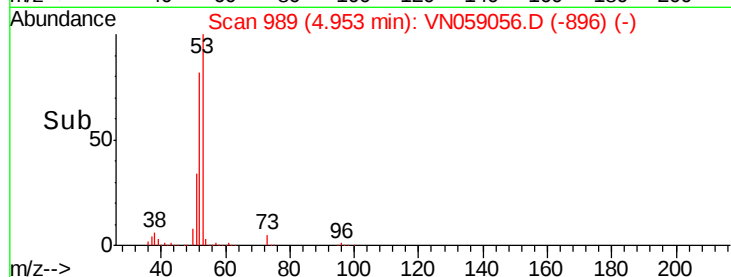
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 684.944 ug/l

RT: 3.79 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN059056.D

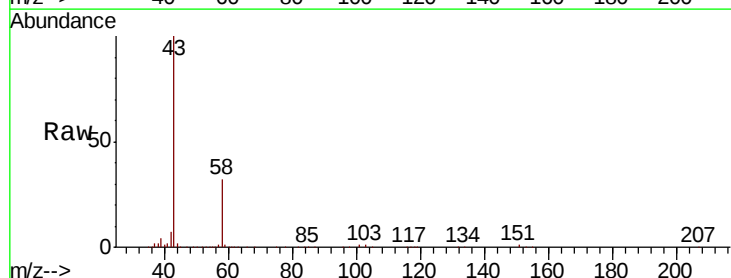
Acq: 1 Nov 2019 12:15

Tgt Ion: 43 Resp: 2381479

Ion Ratio Lower Upper

43 100

58 31.6 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VN059058.D (-592) (-)

Ion 58.00 (57.70 to 58.70): VN059058.D (-592) (-)

3.79

1000000

800000

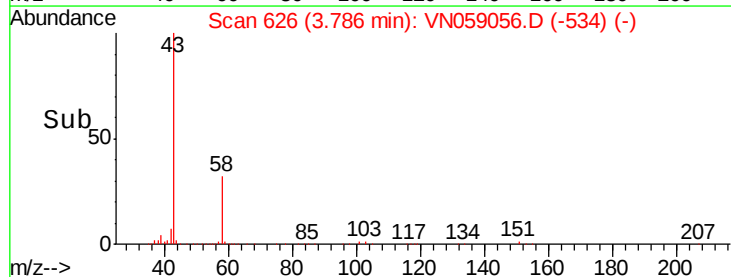
600000

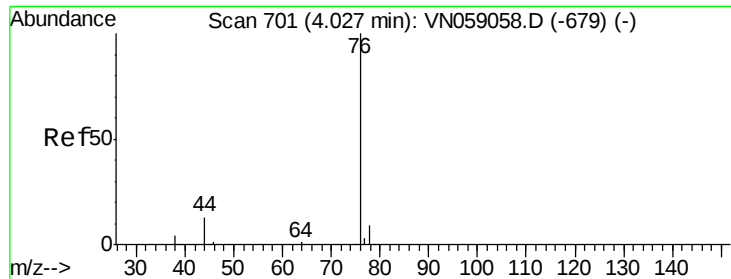
400000

200000

0

Time-->

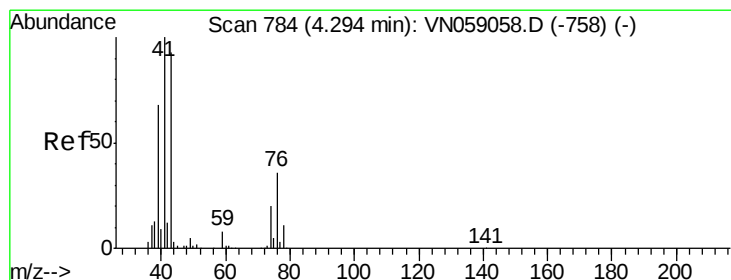
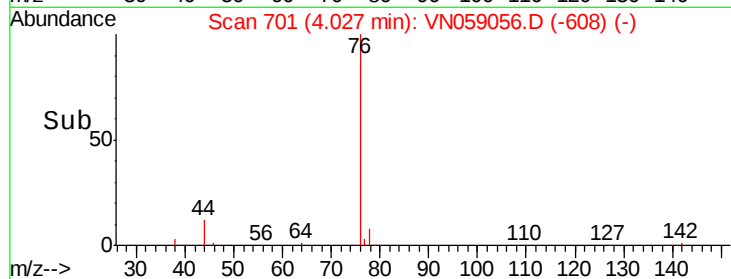
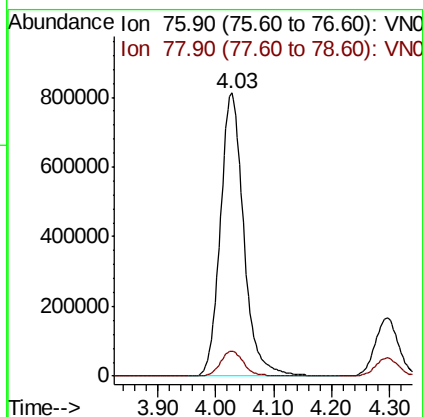
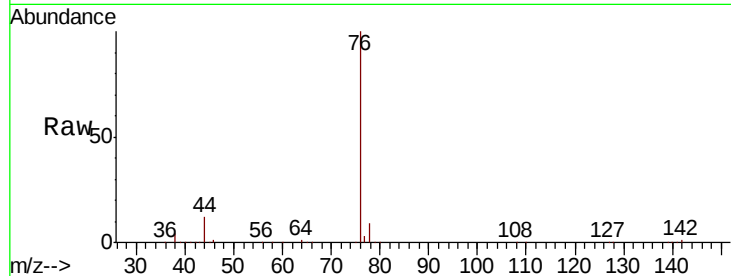




#17
Carbon Disulfide
Concen: 147.723 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

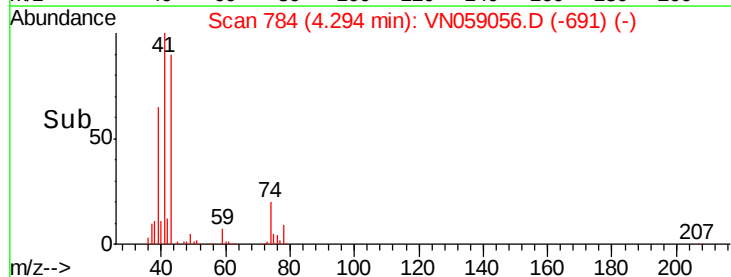
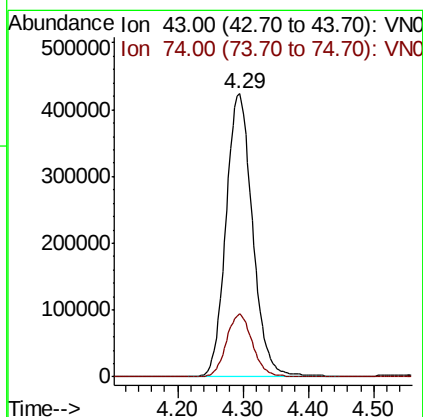
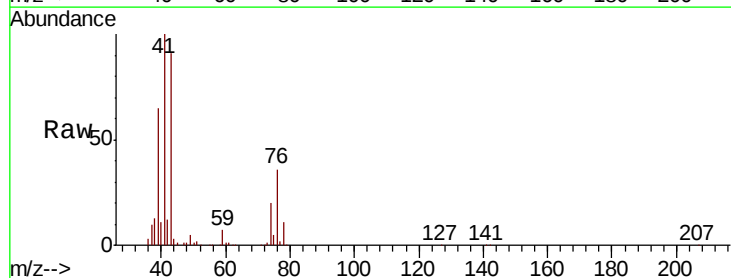
Instrument :
MSVOA_N
ClientSampled :

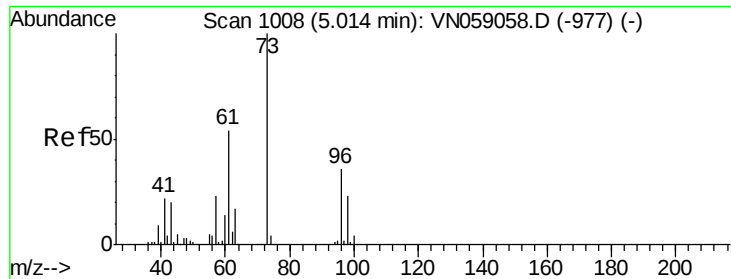
Tot Ion: 76 Resp: 2276306
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 147.866 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

Tgt Ion: 43 Resp: 1190211
Ion Ratio Lower Upper
43 100
74 21.9 17.5 26.3

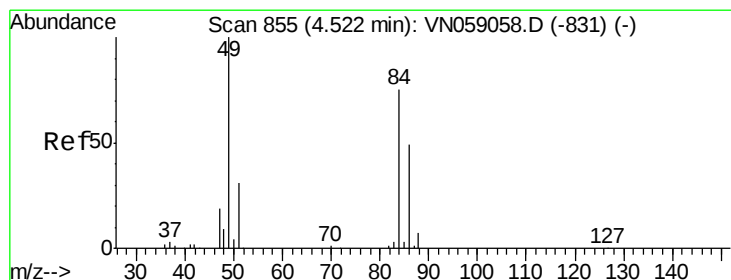
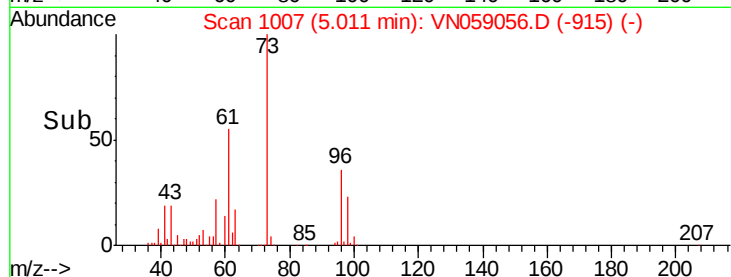
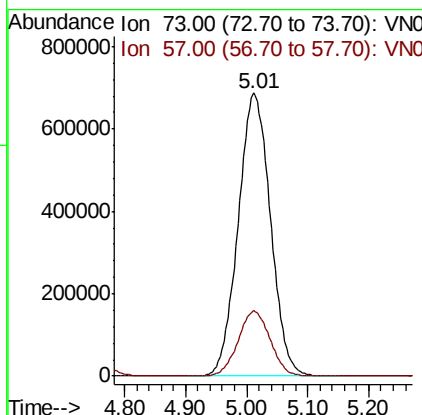
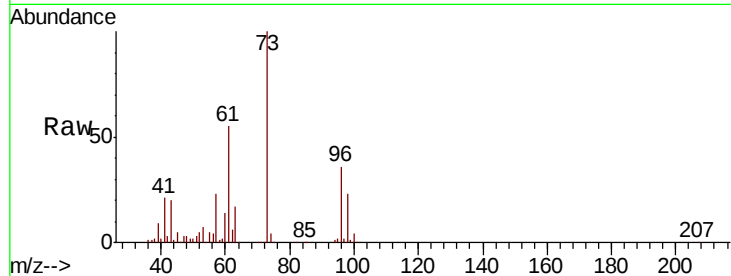




#19
Methvl tert-butvl Ether
Concen: 150.861 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

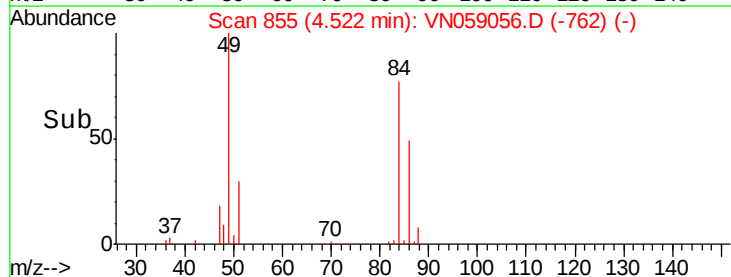
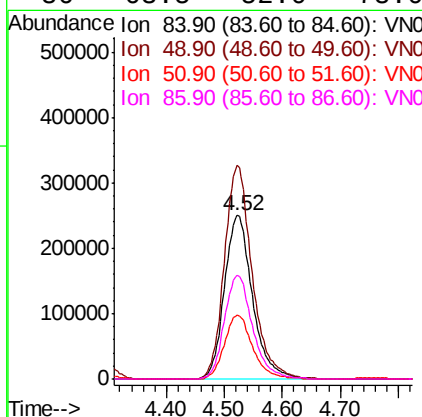
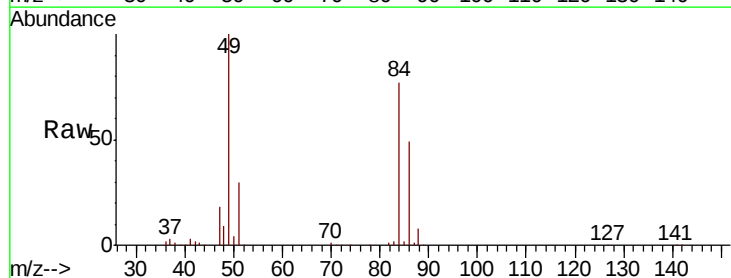
Instrument :
MSVOA_N
ClientSampleId :

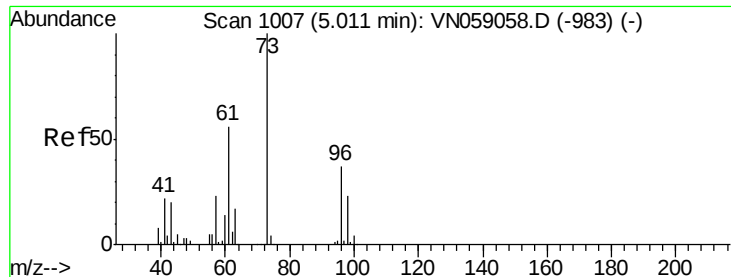
Tot Ion: 73 Resp: 2522428
Ion Ratio Lower Upper
73 100
57 23.0 18.4 27.6



#20
Methylene Chloride
Concen: 139.335 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

Tgt Ion: 84 Resp: 838529
Ion Ratio Lower Upper
84 100
49 130.6 106.4 159.6
51 38.9 33.0 49.4
86 63.5 52.0 78.0



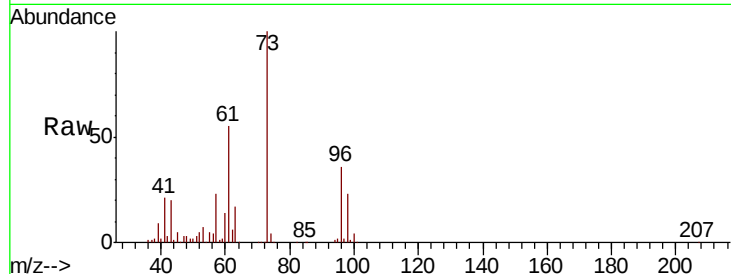


#21

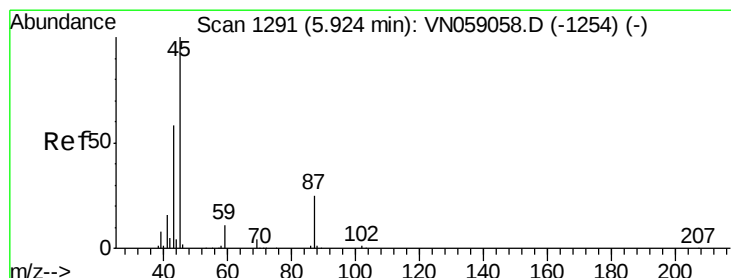
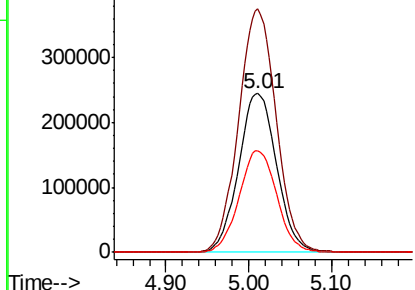
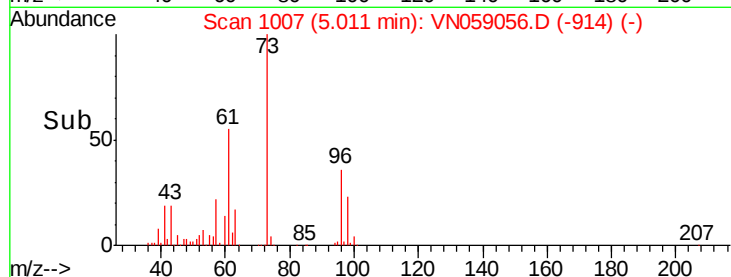
trans-1,2-Dichloroethene
Concen: 147.722 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 780201
Ion Ratio Lower Upper
96 100
61 153.1 121.7 182.5
98 64.0 50.6 76.0



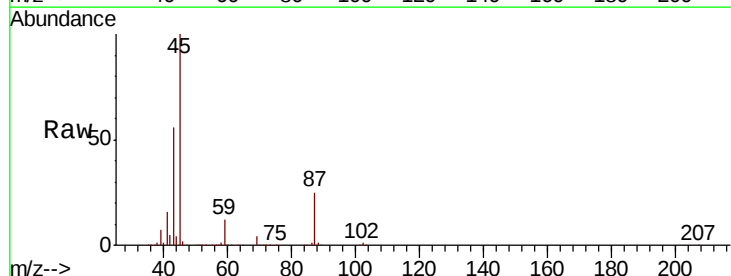
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



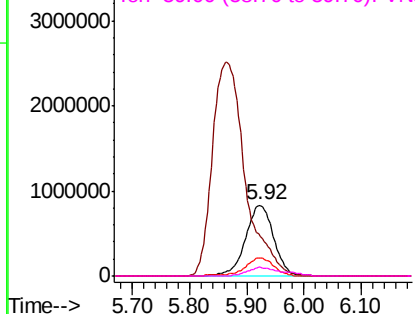
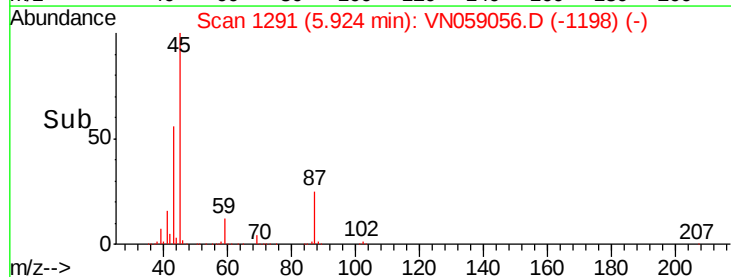
#22

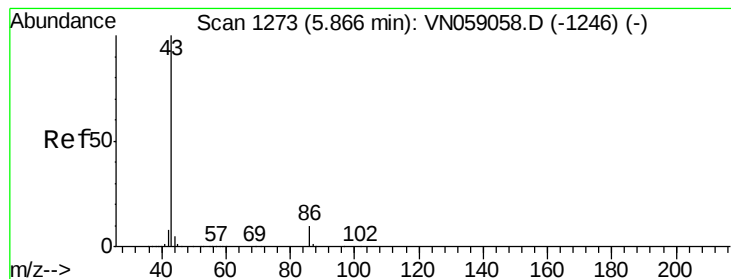
Diisopropyl ether
Concen: 149.946 ug/l
RT: 5.92 min Scan# 1291
Delta R.T. 0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

Tgt Ion: 45 Resp: 2830653
Ion Ratio Lower Upper
45 100
43 55.7 46.9 70.3
87 25.4 20.1 30.1
59 11.8 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 663.233 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

Instrument :

MSVOA_N

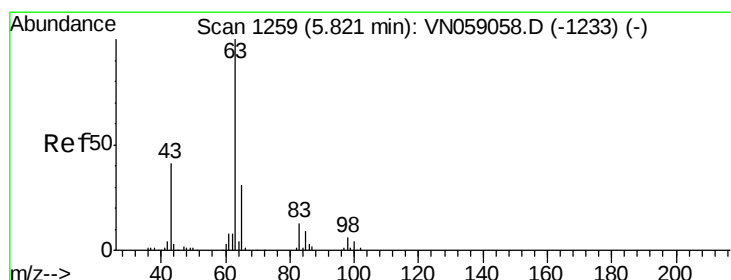
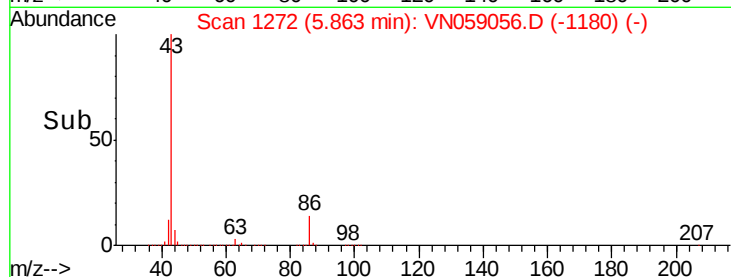
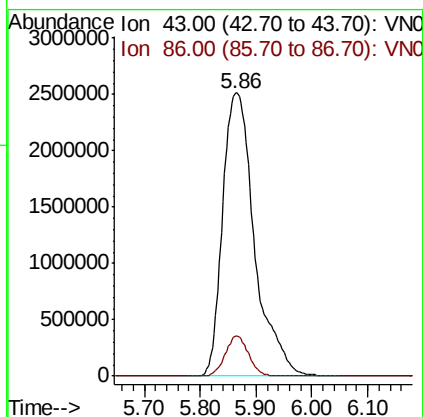
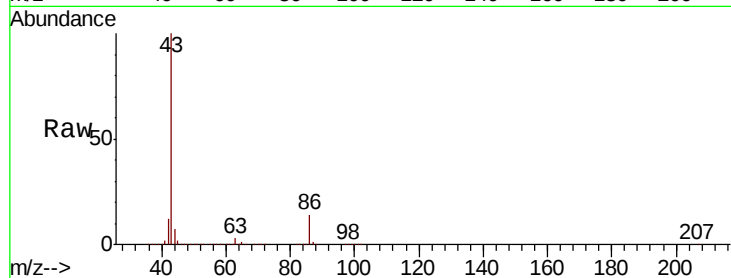
ClientSampled :

Tot Ion: 43 Resp:10007921

Ion Ratio Lower Upper

43 100

86 14.1 7.6 11.4#



#24

1,1-Dichloroethane

Concen: 139.691 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

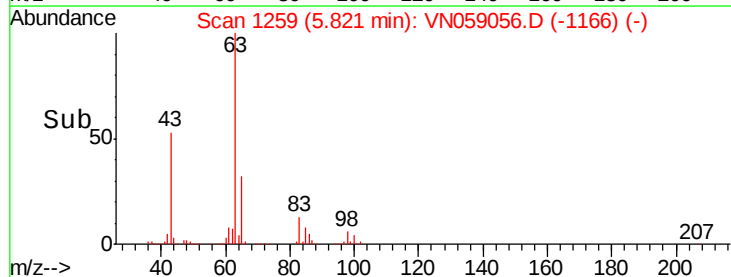
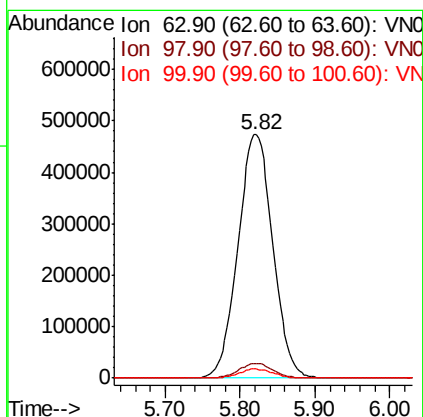
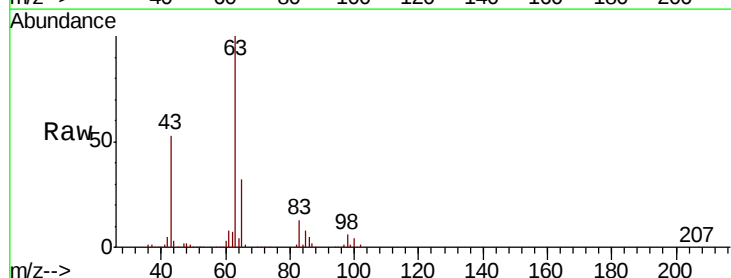
Tgt Ion: 63 Resp: 1529235

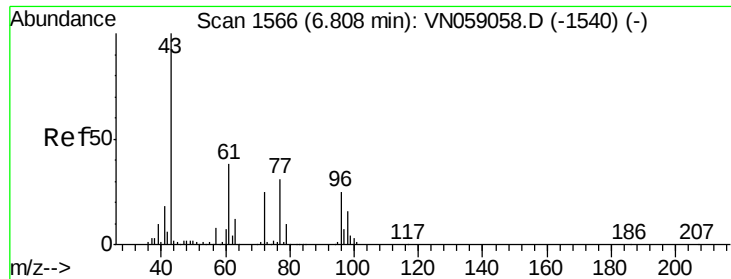
Ion Ratio Lower Upper

63 100

98 6.1 3.2 9.6

100 3.6 2.0 6.0

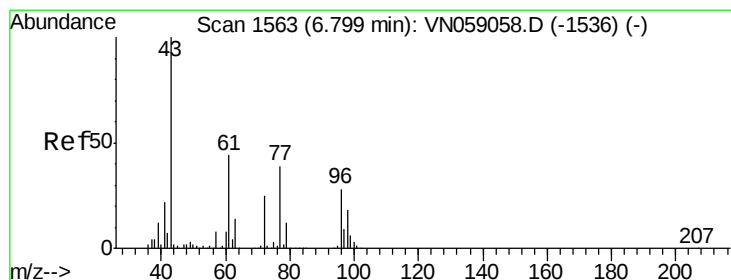
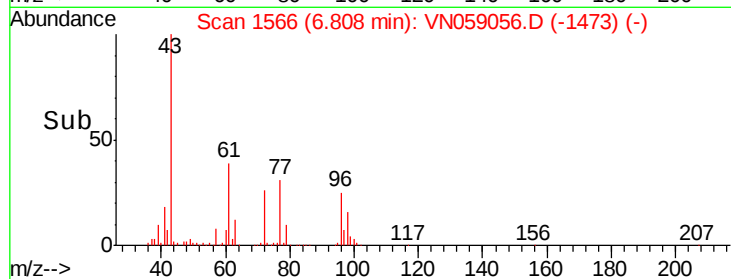
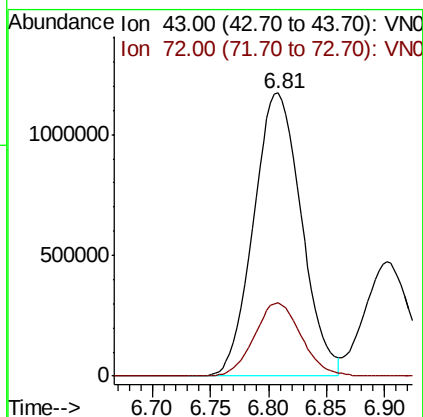
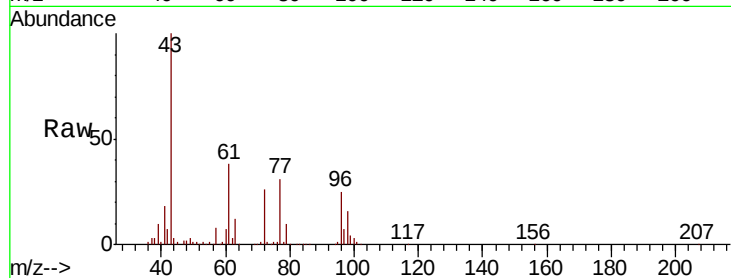




#25
2-Butanone
Concen: 739.460 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

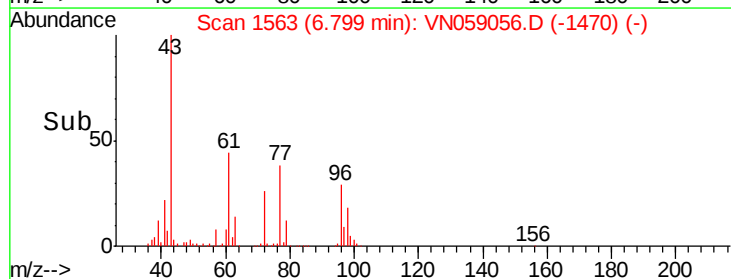
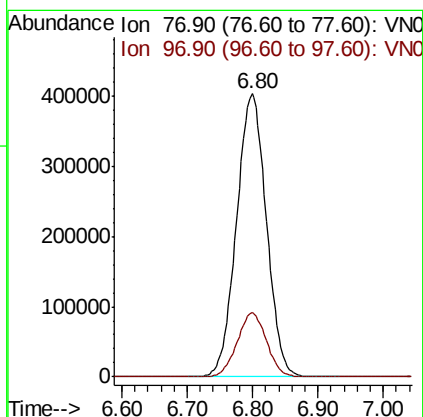
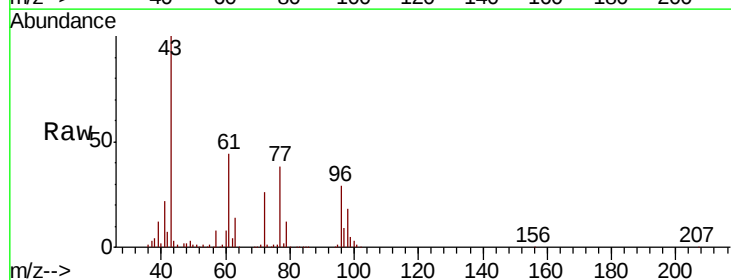
Instrument :
MSVOA_N
ClientSampled :

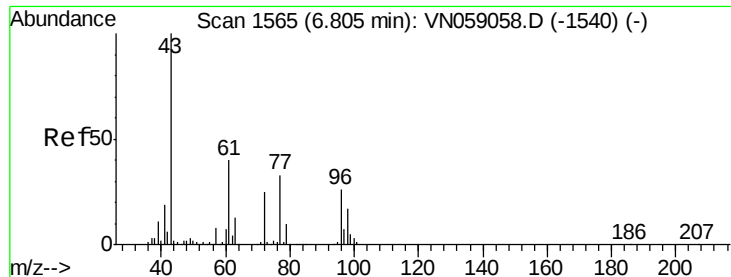
Tot Ion: 43 Resp: 3358700
Ion Ratio Lower Upper
43 100
72 25.7 19.9 29.9



#26
2,2-Dichloropropane
Concen: 135.655 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

Tgt Ion: 77 Resp: 1279745
Ion Ratio Lower Upper
77 100
97 22.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 148.086 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

Instrument :
MSVOA_N
ClientSampled :

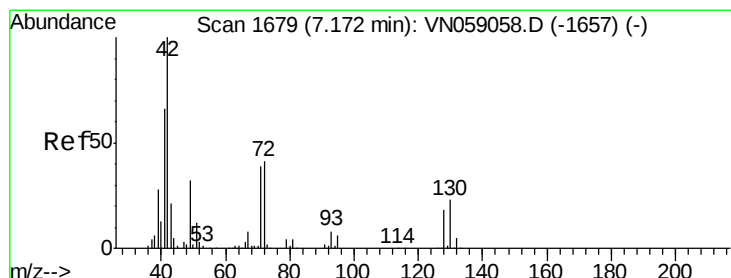
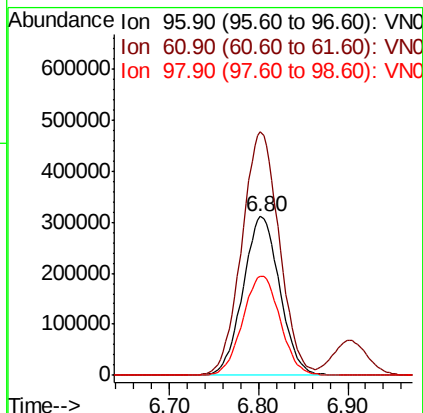
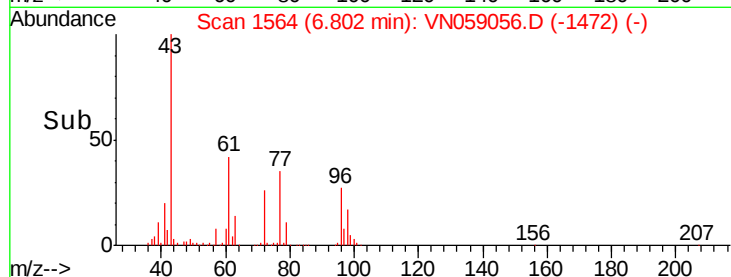
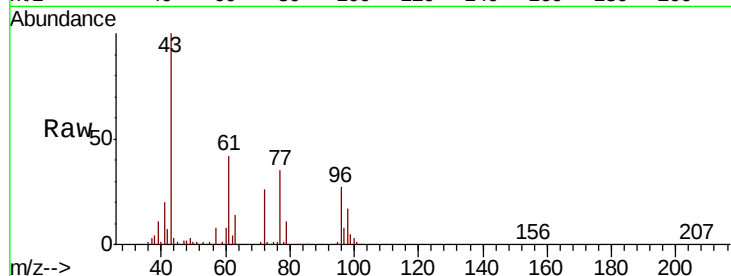
Tot Ion: 96 Resp: 891741

Ion Ratio Lower Upper

96 100

61 156.6 0.0 316.4

98 64.2 0.0 128.2



#28

Bromochloromethane

Concen: 124.325 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

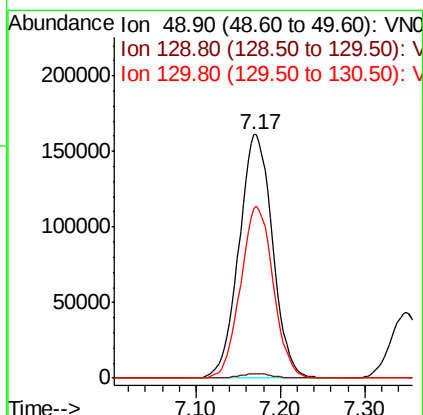
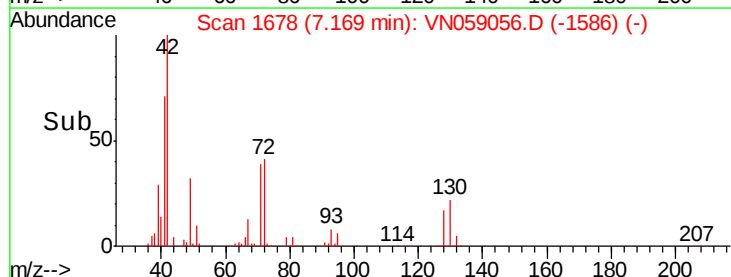
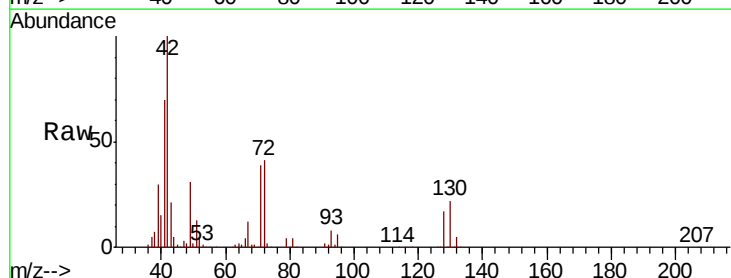
Tgt Ion: 49 Resp: 446473

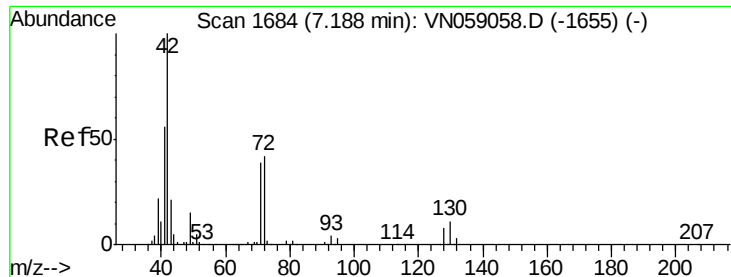
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.4

130 68.7 55.0 82.6





#29

Tetrahydrofuran

Concen: 776.285 ug/l

RT: 7.18 min Scan# 1683

Delta R.T. -0.00 min

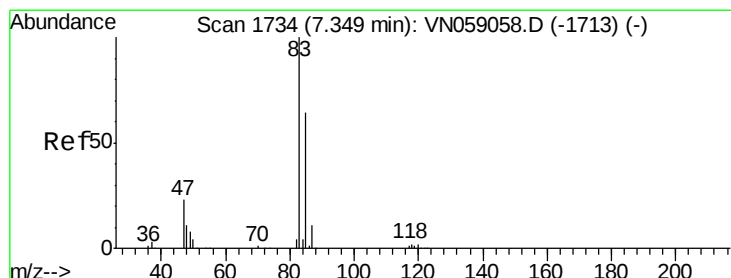
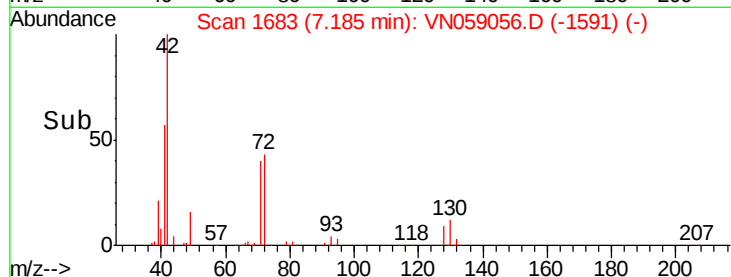
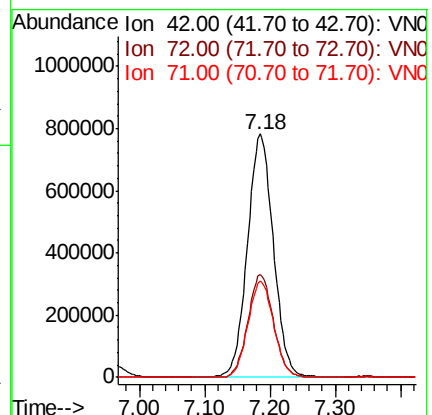
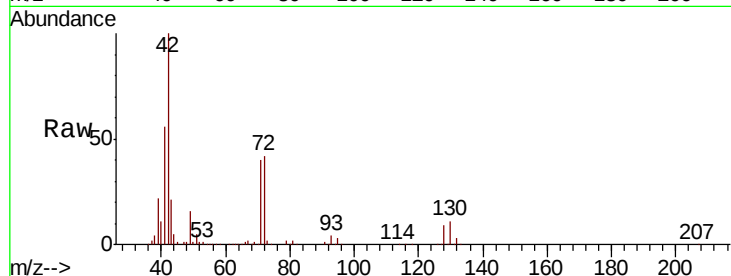
Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 2162216

Ion	Ratio	Lower	Upper
42	100		
72	41.5	32.7	49.1
71	39.3	31.2	46.8



#30

Chloroform

Concen: 132.803 ug/l

RT: 7.35 min Scan# 1734

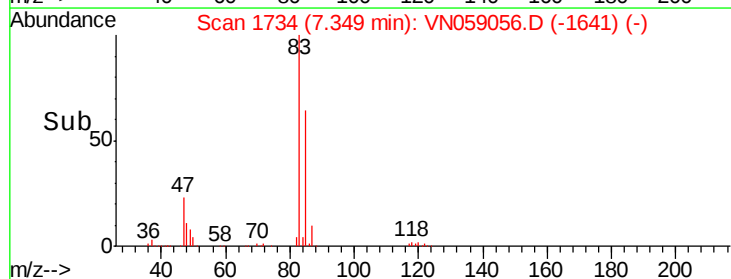
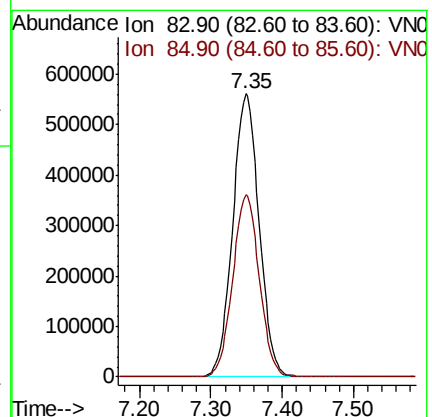
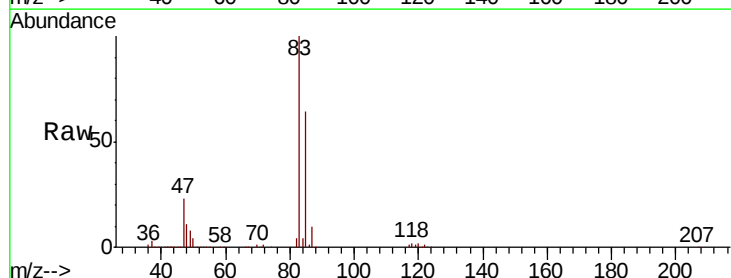
Delta R.T. 0.00 min

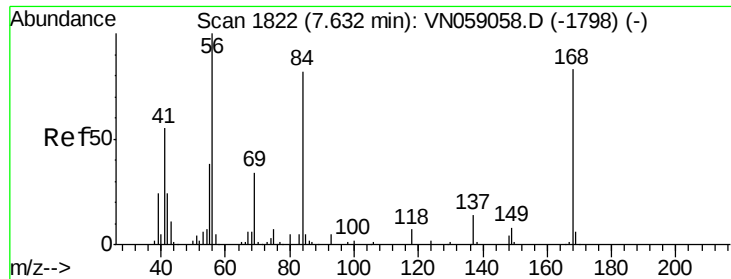
Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

Tgt Ion: 83 Resp: 1448628

Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.9	76.3

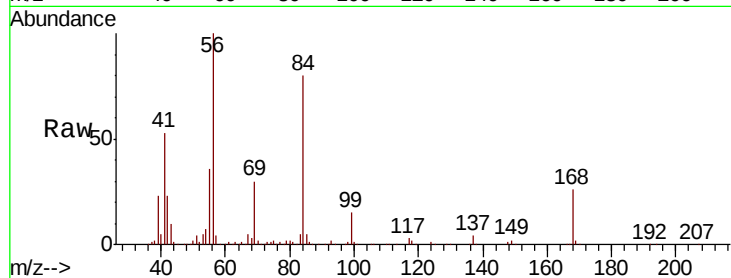




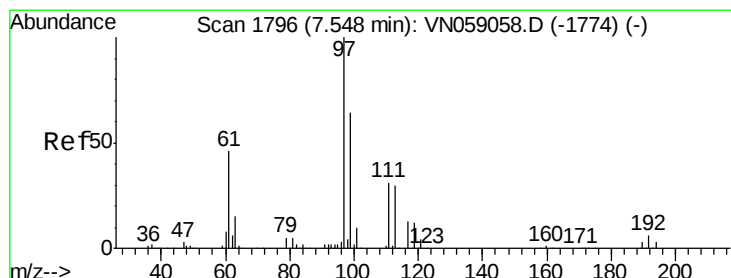
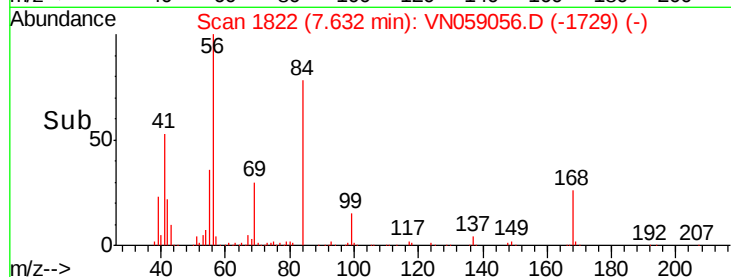
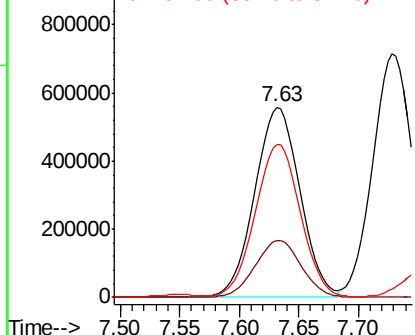
#31
Cyclohexane
Concen: 144.538 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 1471446
Ion Ratio Lower Upper
56 100
69 30.0 27.2 40.8
84 79.3 65.2 97.8

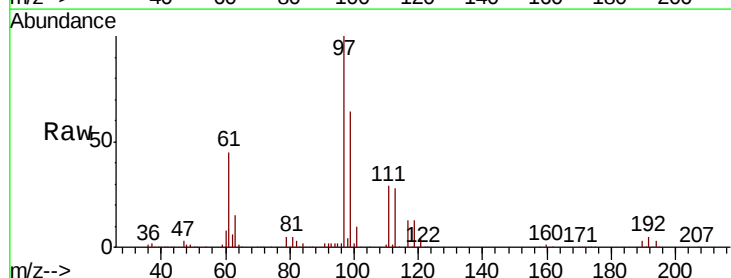


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

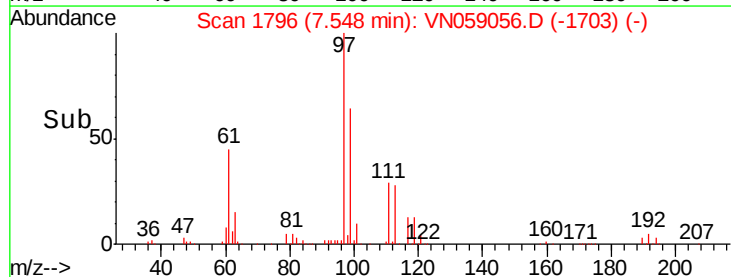
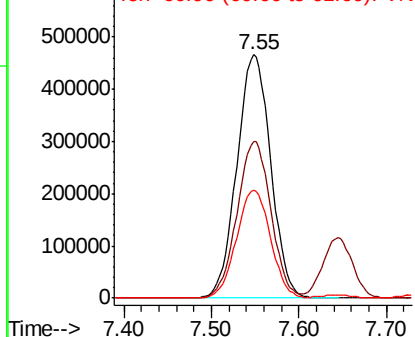


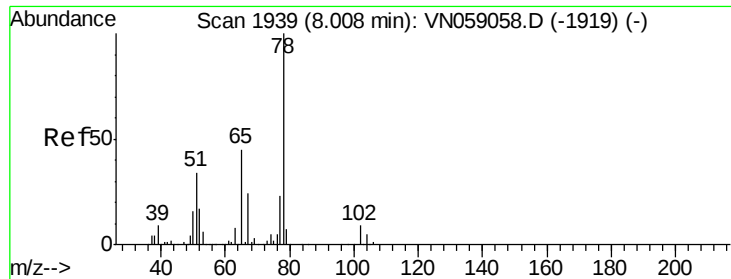
#32
1,1,1-Trichloroethane
Concen: 136.388 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

Tgt Ion: 97 Resp: 1251029
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 44.7 36.3 54.5



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

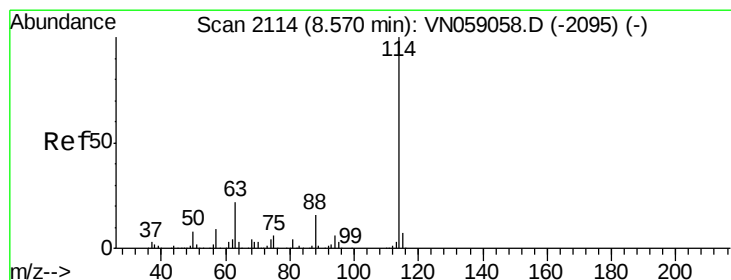
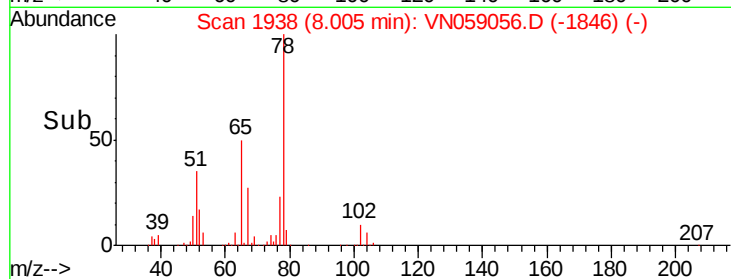
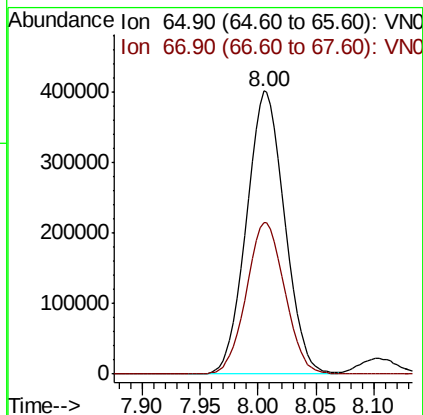
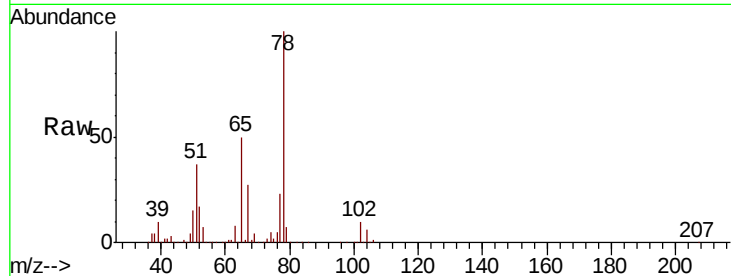




#33
 1,2-Dichloroethane-d4
 Concen: 130.772 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059056.D
 Acq: 1 Nov 2019 12:15

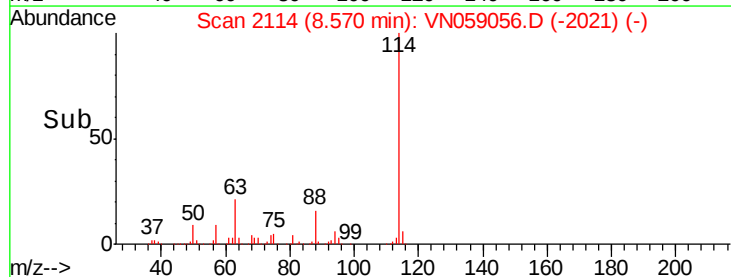
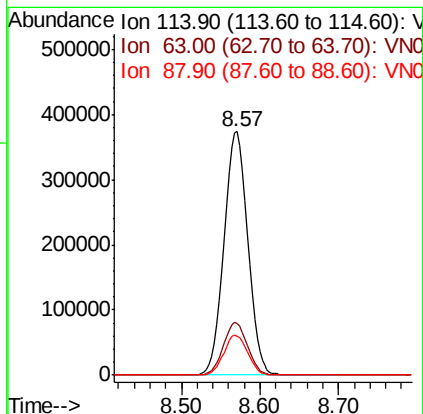
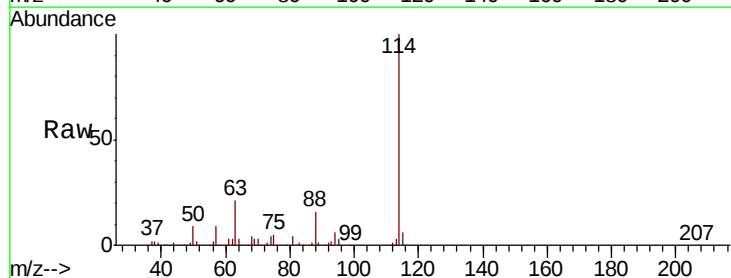
Instrument :
 MSVOA_N
 ClientSampleId :

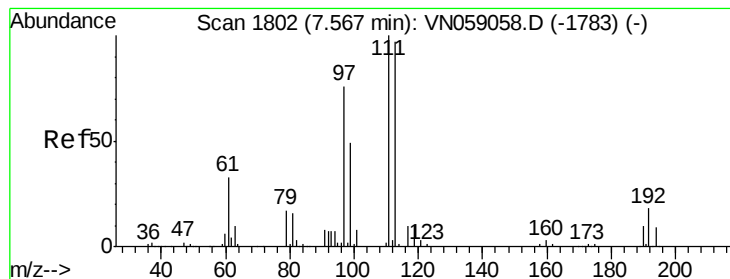
Tot Ion: 65 Resp: 922359
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059056.D
 Acq: 1 Nov 2019 12:15

Tgt Ion: 114 Resp: 778958
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.2
 88 16.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 139.548 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

Instrument :
MSVOA_N
ClientSampled :

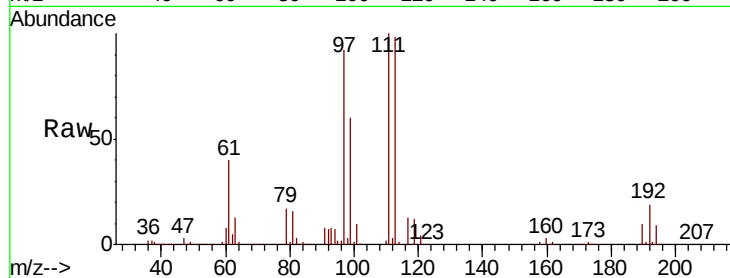
Tot Ion:113 Resp: 712045

Ion Ratio Lower Upper

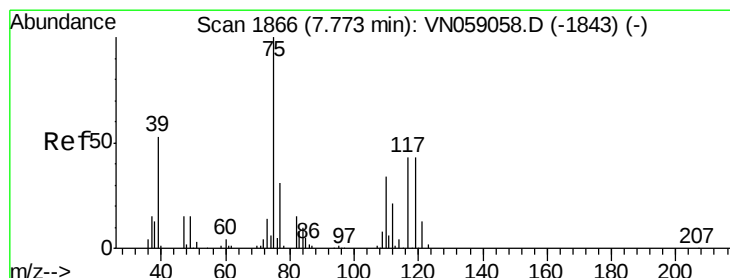
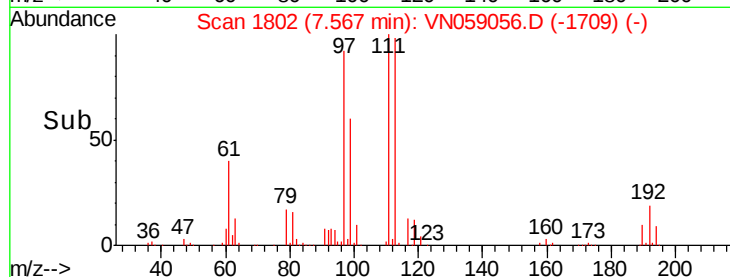
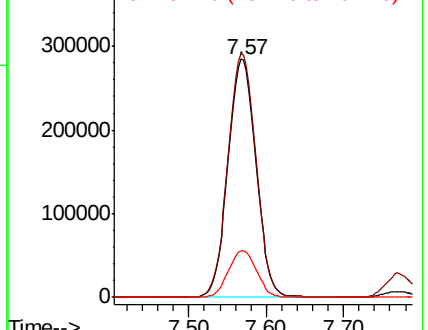
113 100

111 102.8 82.9 124.3

192 19.7 15.9 23.9



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: 149.584 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

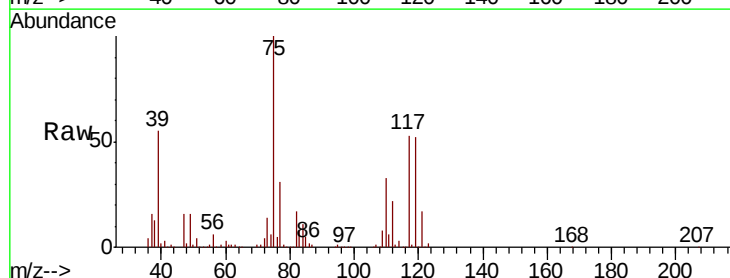
Tgt Ion: 75 Resp: 1173286

Ion Ratio Lower Upper

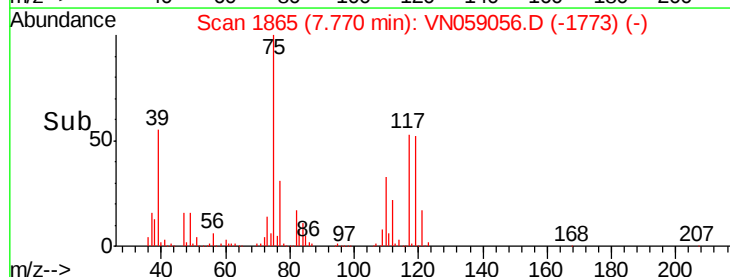
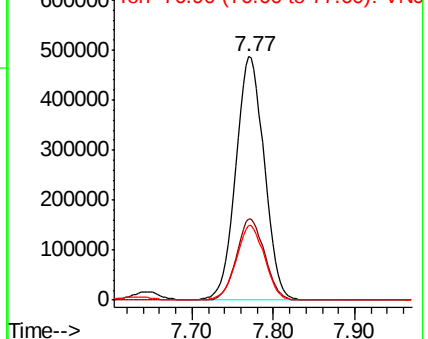
75 100

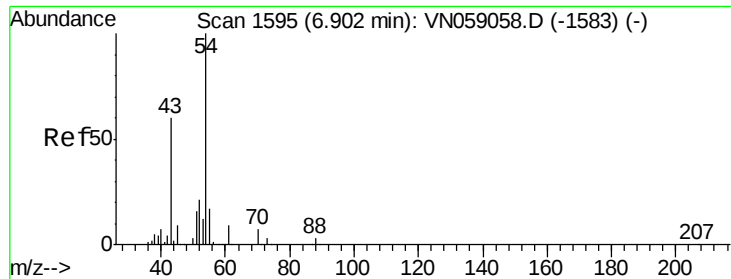
110 33.2 16.9 50.6

77 30.8 25.0 37.4



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

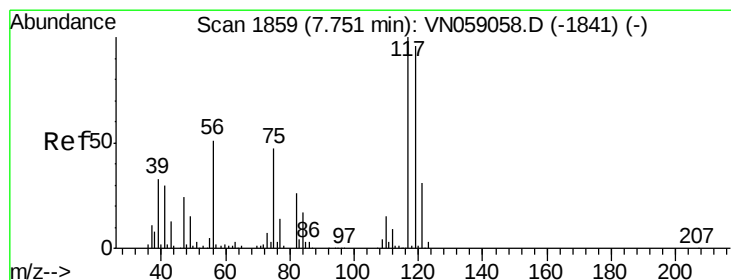
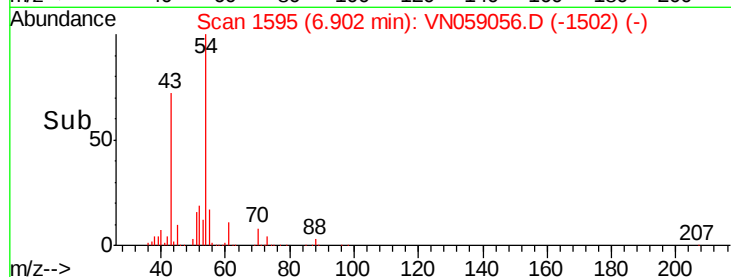
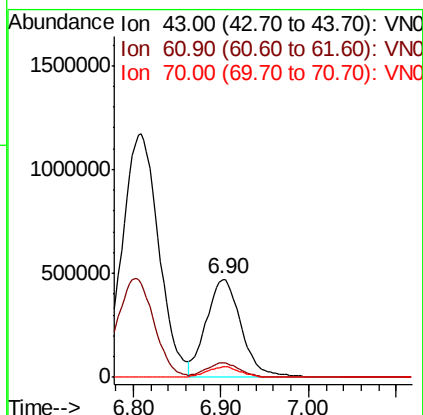
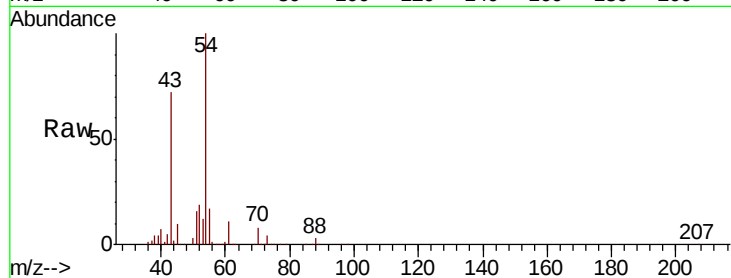




#37
Ethyl Acetate
Concen: 152.738 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

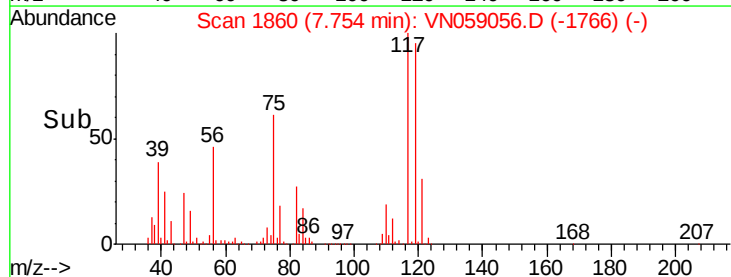
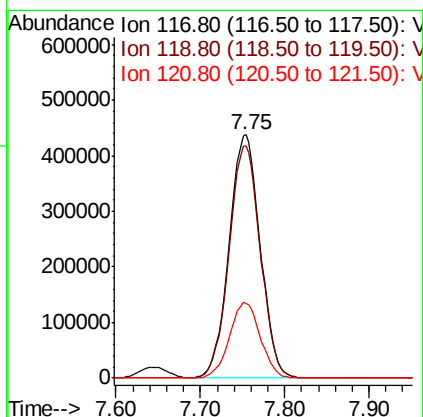
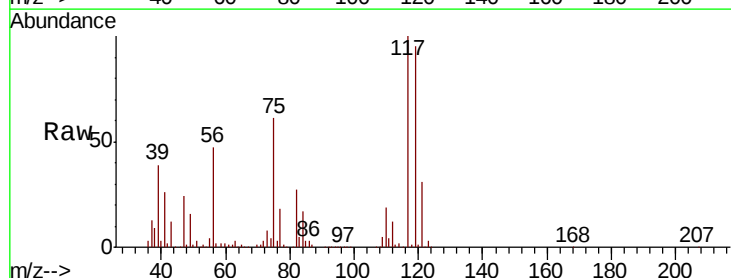
Instrument :
MSVOA_N
ClientSampled :

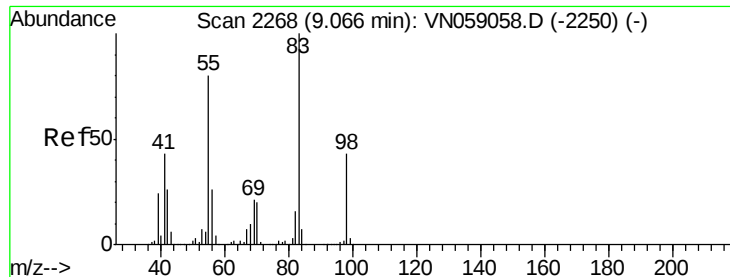
Tot Ion: 43 Resp: 1307840
Ion Ratio Lower Upper
43 100
61 14.3 11.2 16.8
70 10.2 8.0 12.0



#38
Carbon Tetrachloride
Concen: 138.611 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

Tgt Ion: 117 Resp: 1118358
Ion Ratio Lower Upper
117 100
119 95.4 76.6 114.8
121 30.8 24.6 37.0

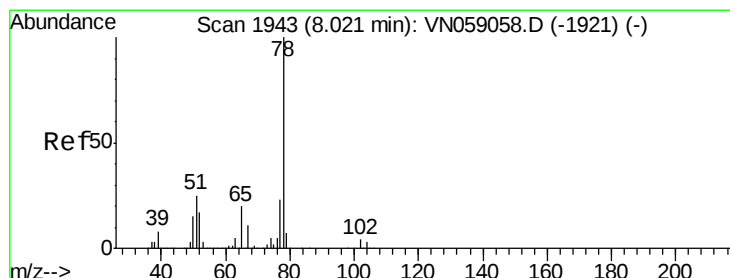
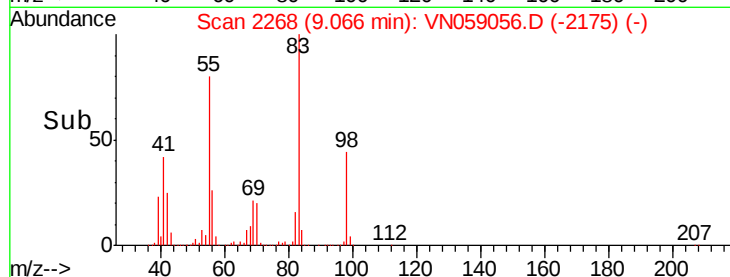
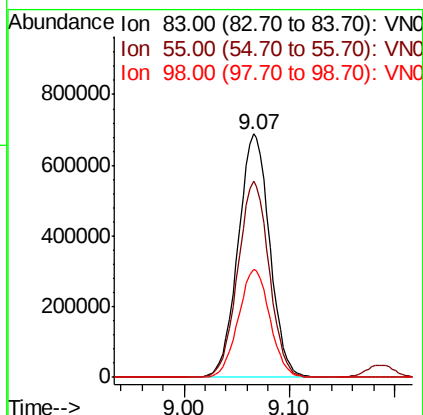
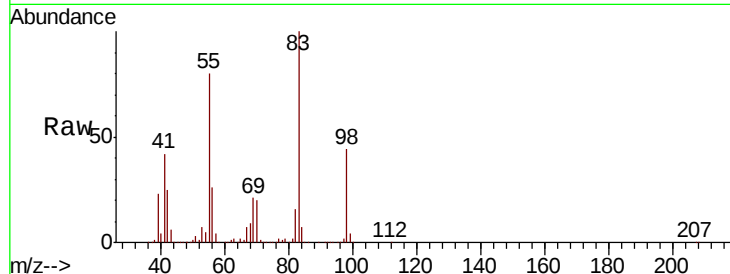




#39
Methvlcvclohexane
Concen: 160.929 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

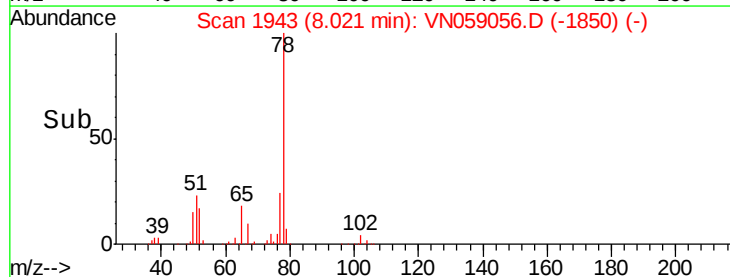
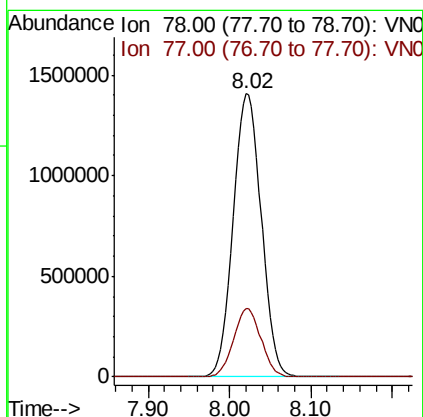
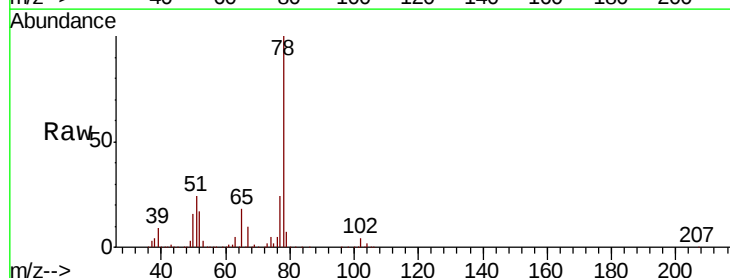
Instrument :
MSVOA_N
ClientSampleId :

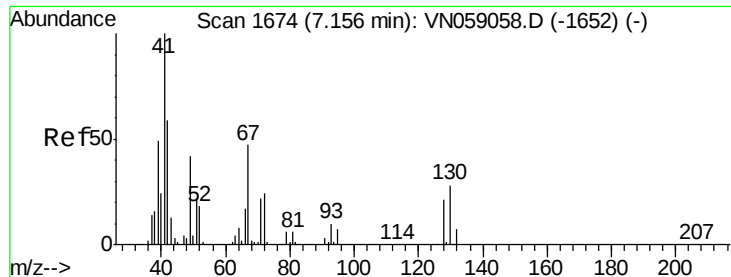
Tot Ion: 83 Resp: 1429591
Ion Ratio Lower Upper
83 100
55 80.5 64.1 96.1
98 44.2 34.3 51.5



#40
Benzene
Concen: 145.963 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

Tgt Ion: 78 Resp: 3376033
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8



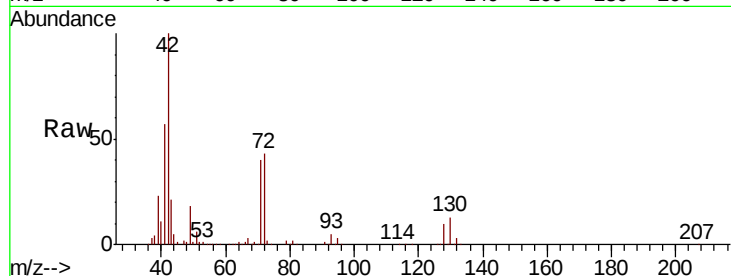


#41
Methacrylonitrile
Concen: 481.260 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.03 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

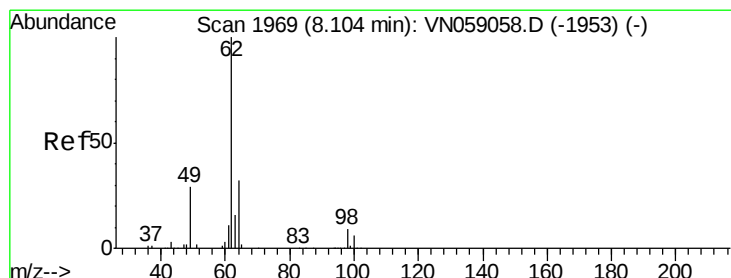
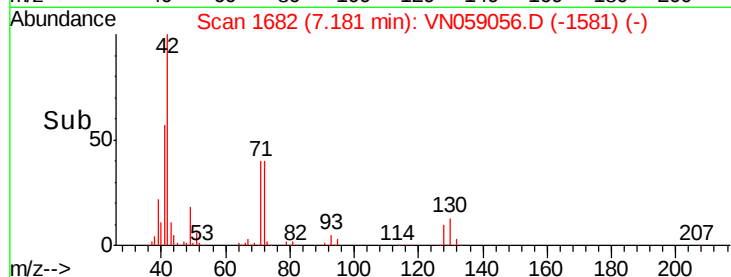
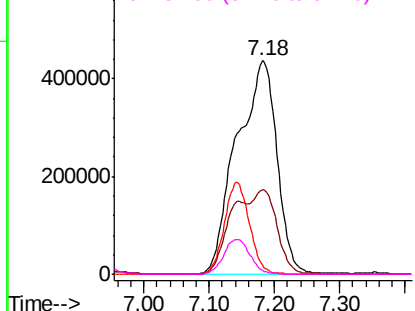
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 1867244

Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



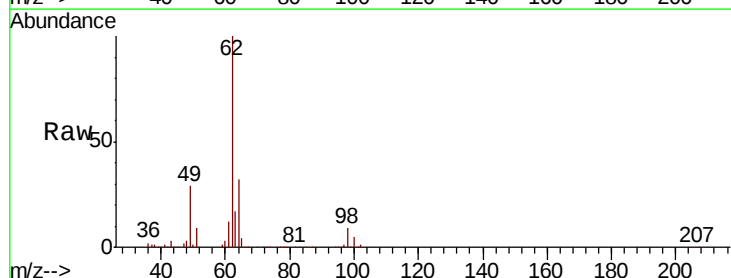
Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0



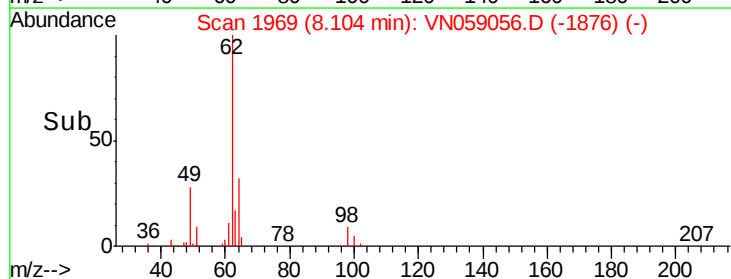
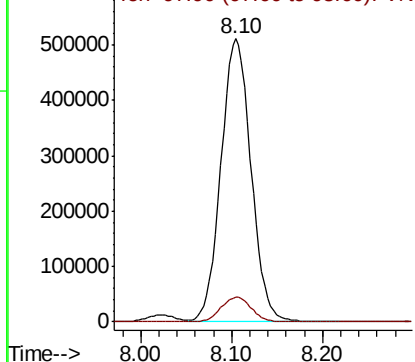
#42
1,2-Dichloroethane
Concen: 133.452 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

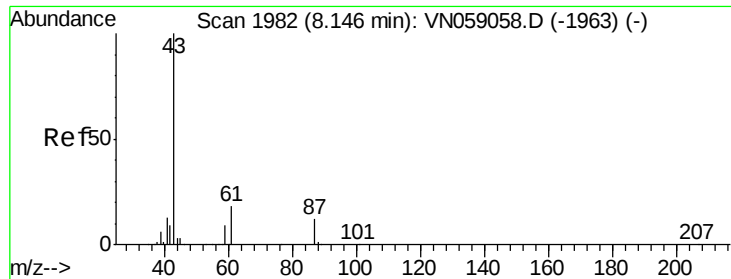
Tgt Ion: 62 Resp: 1171020

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.0



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

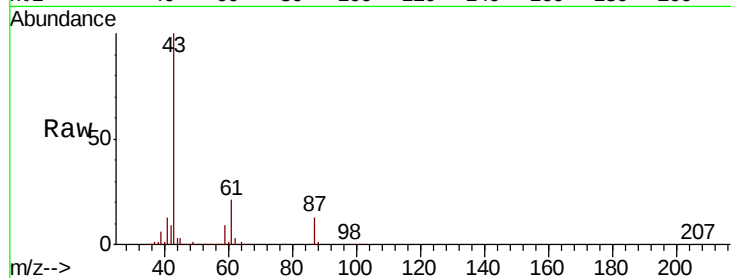




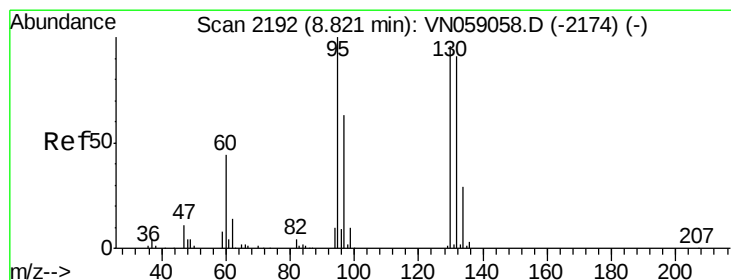
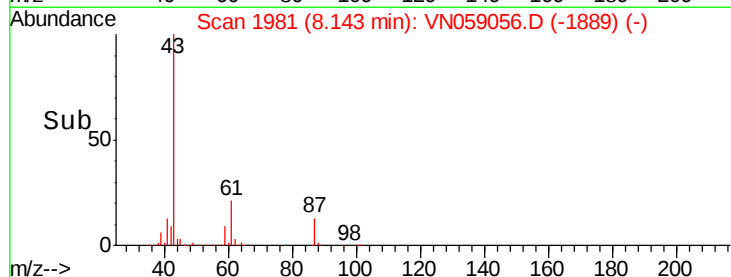
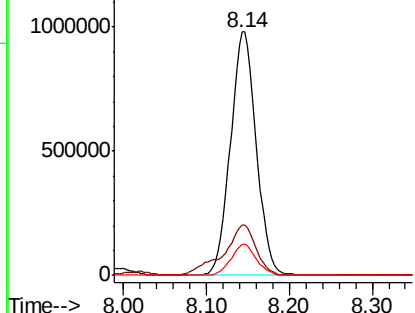
#43
Isopropyl Acetate
Concen: 153.942 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 2118186
Ion Ratio Lower Upper
43 100
61 26.3 20.5 30.7
87 12.5 9.8 14.8

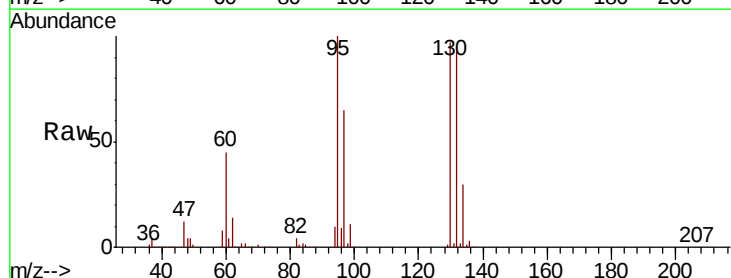


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

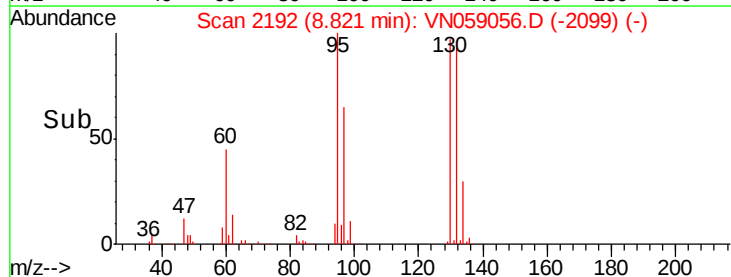
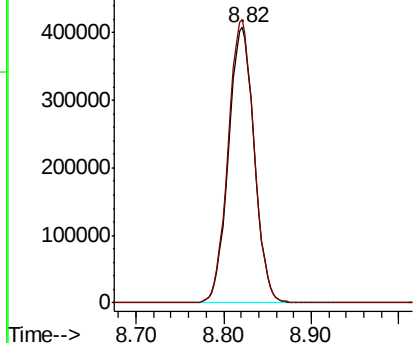


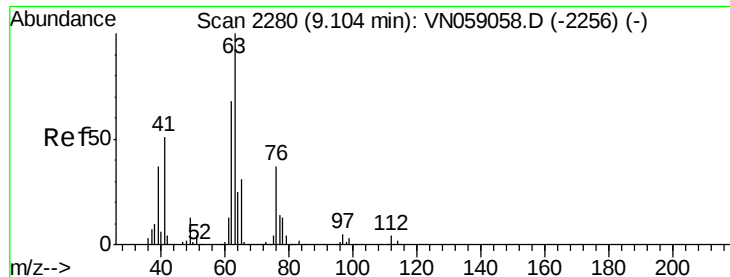
#44
Trichloroethene
Concen: 147.513 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. 0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

Tgt Ion:130 Resp: 833039
Ion Ratio Lower Upper
130 100
95 102.8 0.0 207.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 147.046 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

Instrument :

MSVOA_N

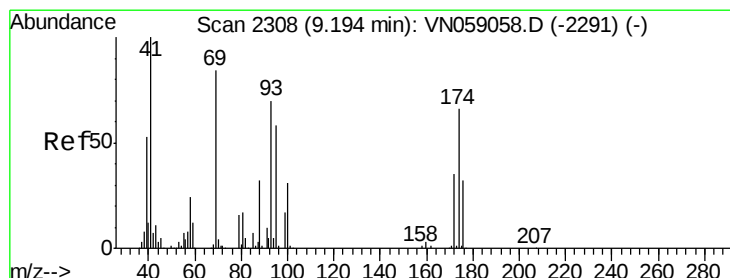
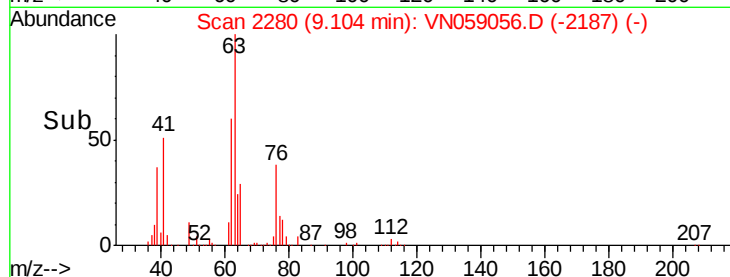
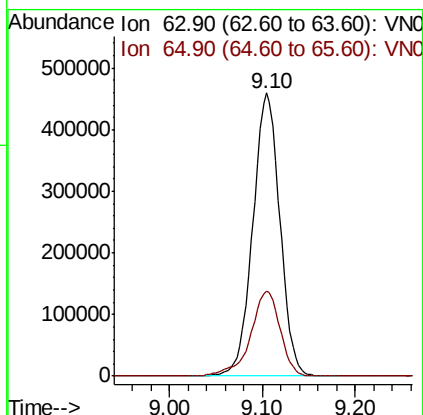
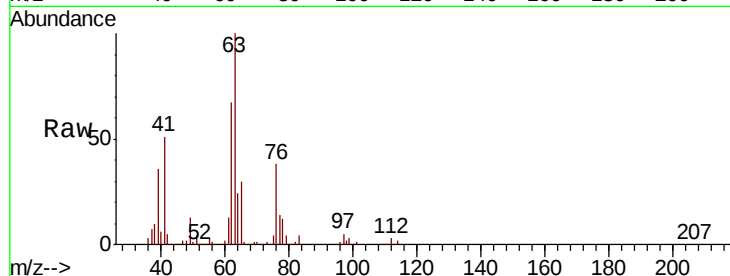
ClientSampled :

Tot Ion: 63 Resp: 932033

Ion Ratio Lower Upper

63 100

65 30.2 25.0 37.6



#46

Dibromomethane

Concen: 142.168 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

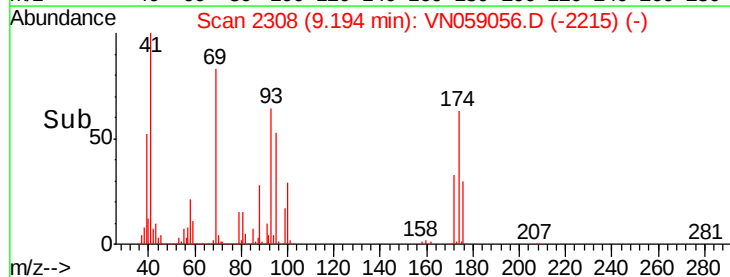
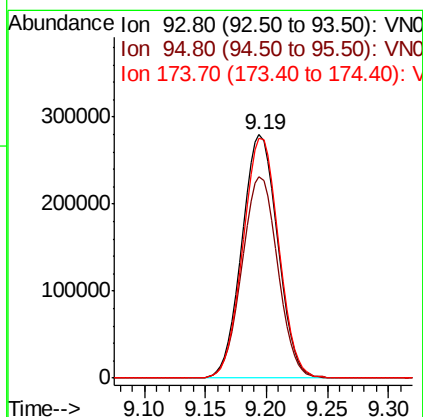
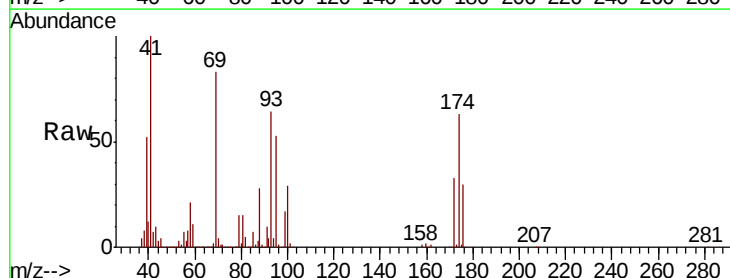
Tgt Ion: 93 Resp: 567417

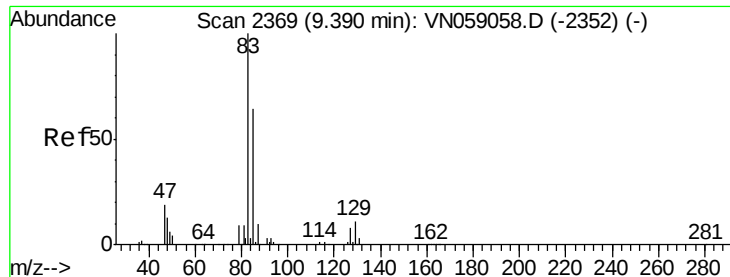
Ion Ratio Lower Upper

93 100

95 82.9 67.2 100.8

174 98.6 78.3 117.5





#47

Bromodichloromethane

Concen: 143.476 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

Instrument :

MSVOA_N

ClientSampleId :

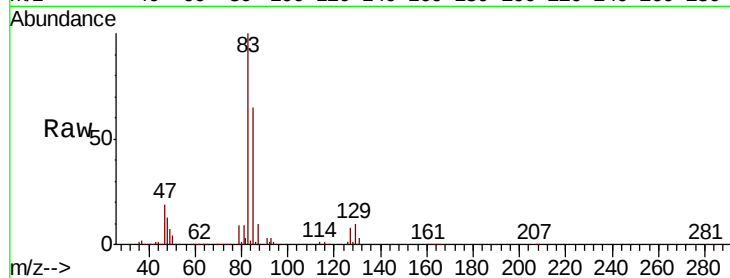
Tot Ion: 83 Resp: 1177413

Ion Ratio Lower Upper

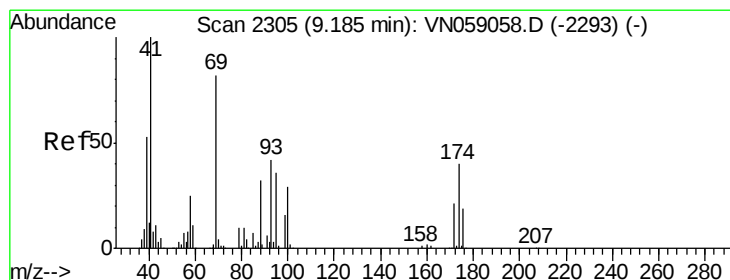
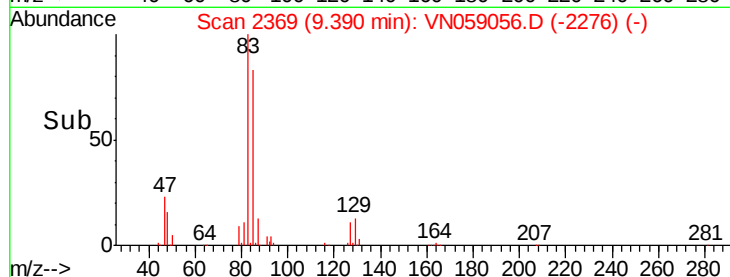
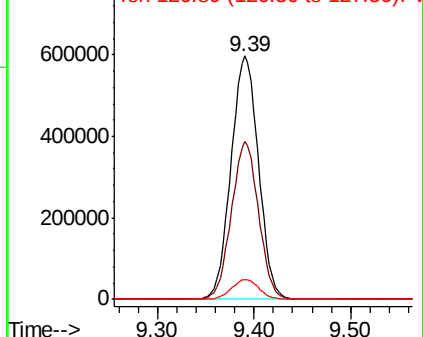
83 100

85 64.7 51.2 76.8

127 8.3 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VNC
Ion 84.90 (84.60 to 85.60): VNC
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 159.750 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

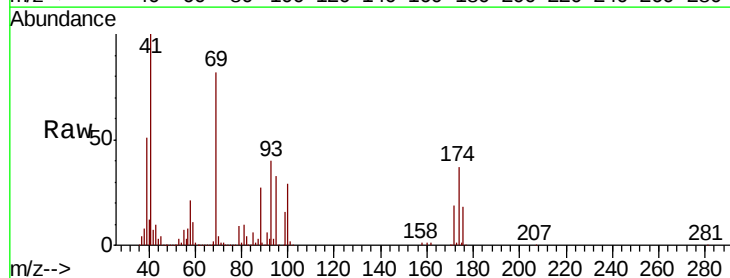
Tgt Ion: 41 Resp: 990941

Ion Ratio Lower Upper

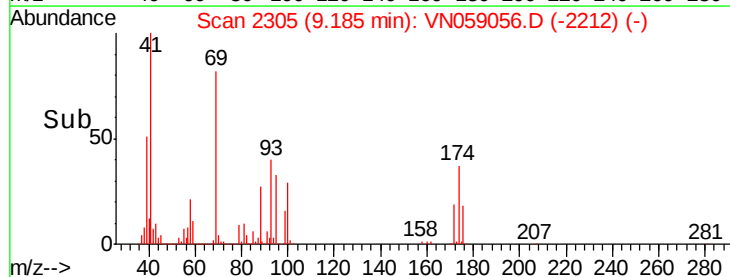
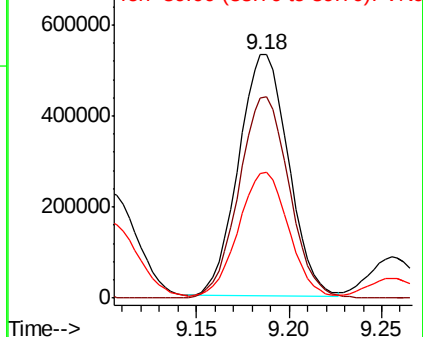
41 100

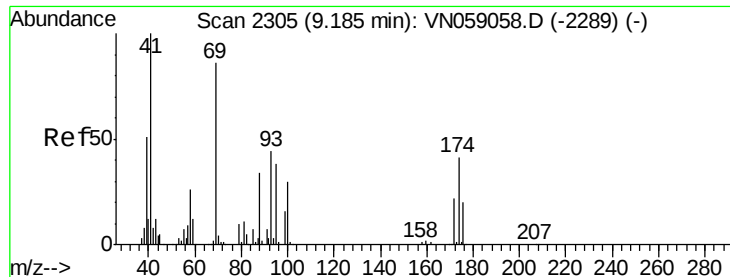
69 84.4 67.1 100.7

39 51.1 43.3 64.9



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

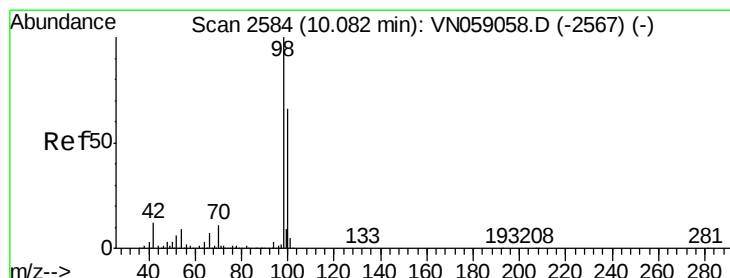
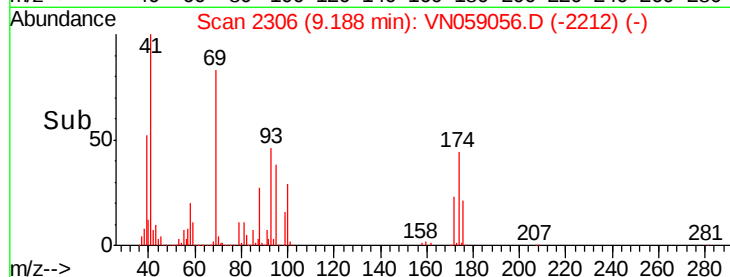
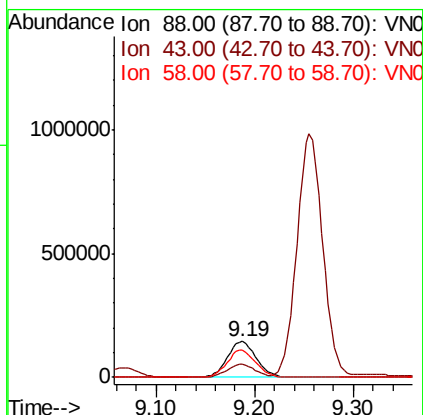
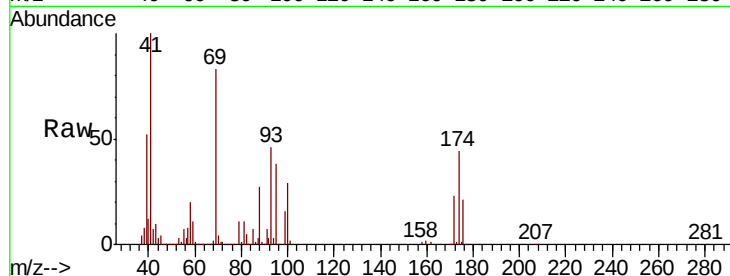




#49
1,4-Dioxane
Concen: 2855.090 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

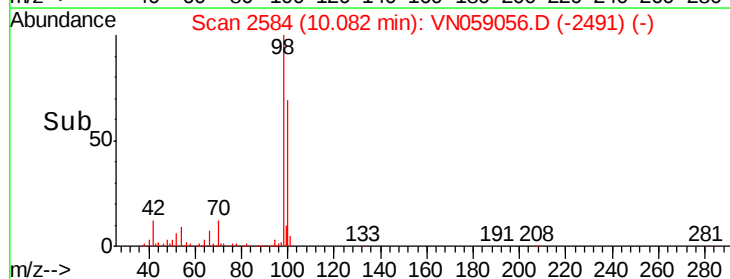
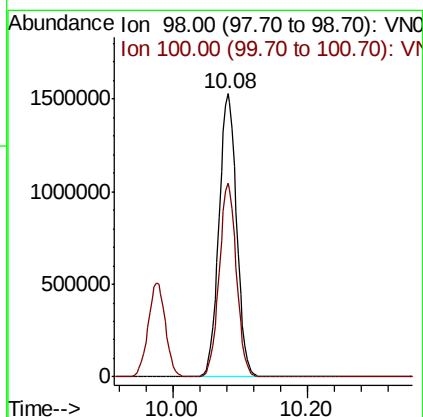
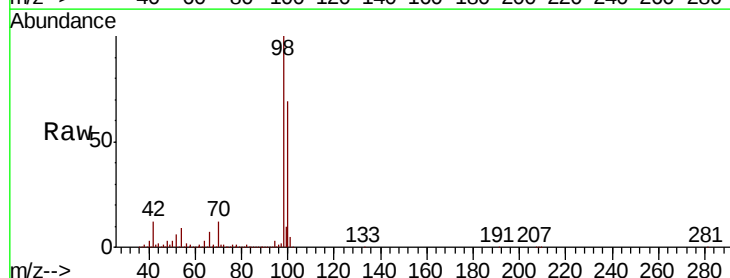
Instrument :
MSVOA_N
ClientSampled :

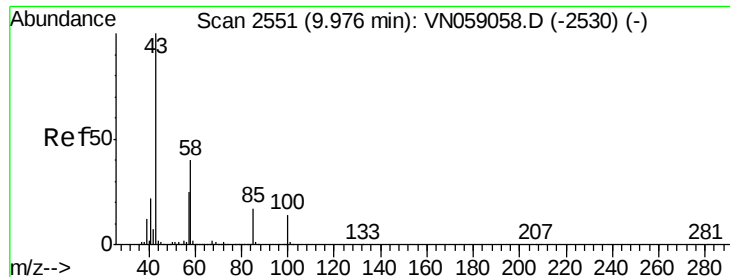
Tot Ion: 88 Resp: 297848
Ion Ratio Lower Upper
88 100
43 34.0 26.2 39.2
58 75.1 59.1 88.7



#50
Toluene-d8
Concen: 141.044 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

Tgt Ion: 98 Resp: 2807675
Ion Ratio Lower Upper
98 100
100 66.6 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 654.459 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

Instrument :

MSVOA_N

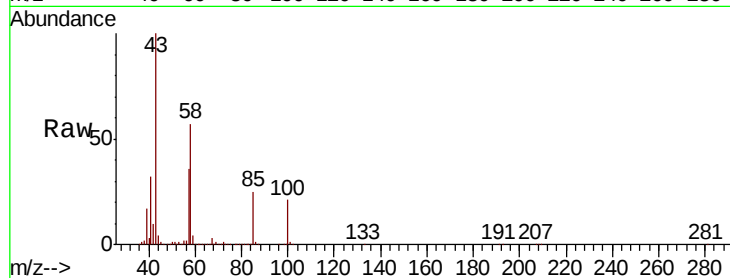
ClientSampled :

Tot Ion: 43 Resp: 5234677

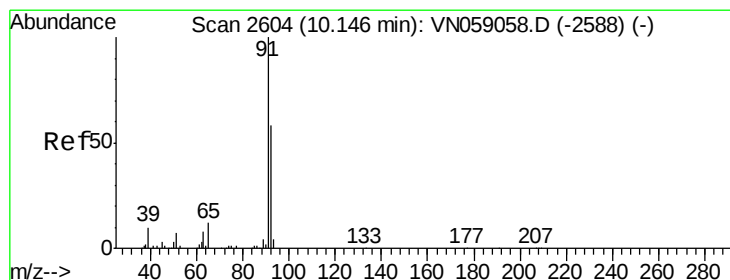
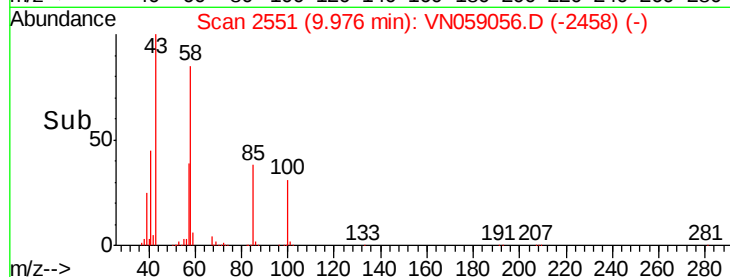
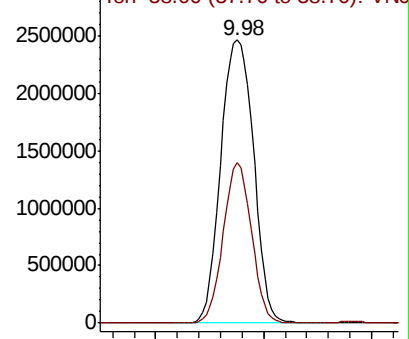
Ion Ratio Lower Upper

43 100

58 48.8 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VN059058.D (-2530) (-)



#52

Toluene

Concen: 152.685 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059056.D

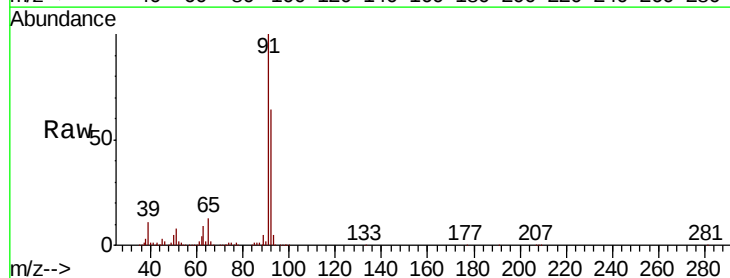
Acq: 1 Nov 2019 12:15

Tgt Ion: 92 Resp: 2090018

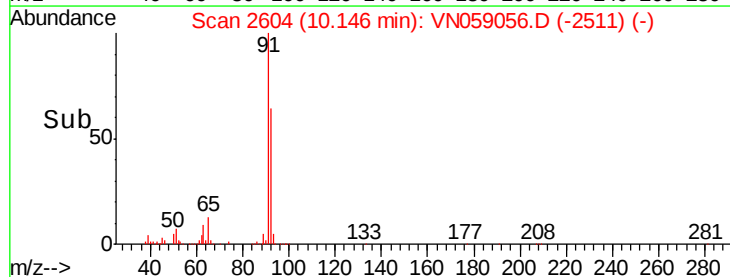
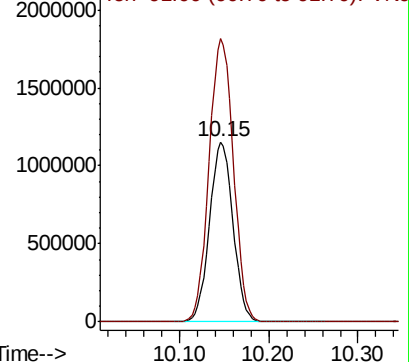
Ion Ratio Lower Upper

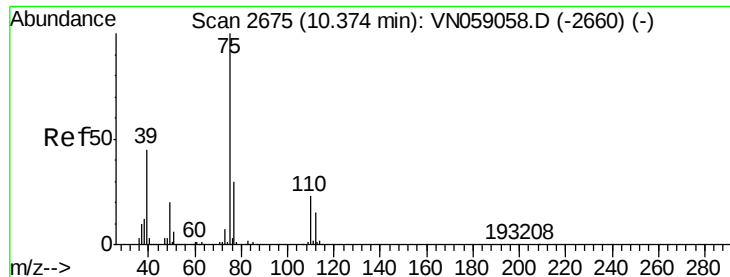
92 100

91 164.0 138.7 208.1



Abundance Ion 92.00 (91.70 to 92.70): VN059058.D (-2588) (-)





#53

t-1,3-Dichloropropene

Concen: 154.893 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

Instrument :

MSVOA_N

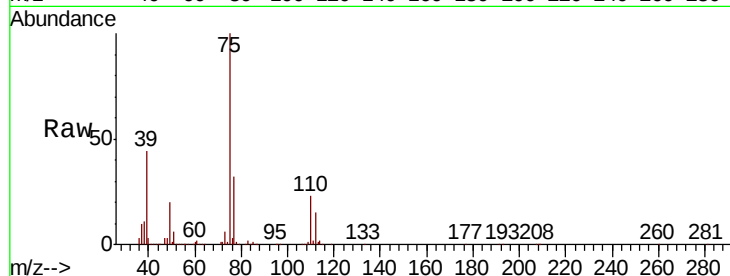
ClientSampleId :

Tot Ion: 75 Resp: 1411097

Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.37

800000

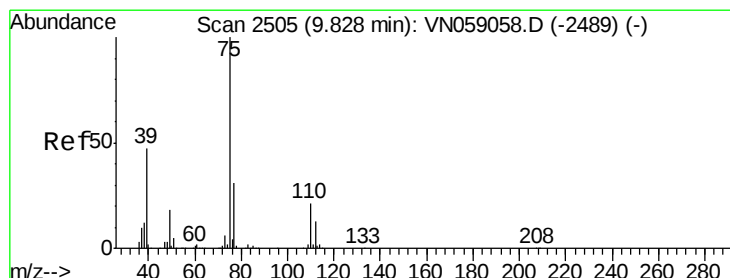
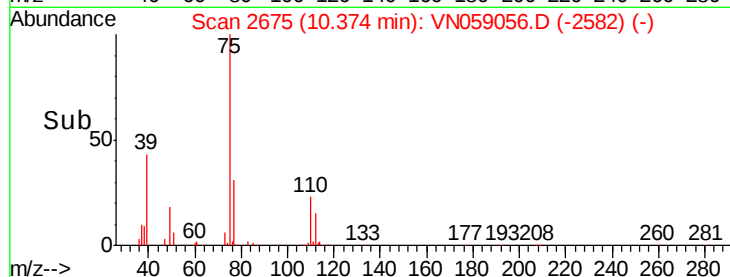
600000

400000

200000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 154.843 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

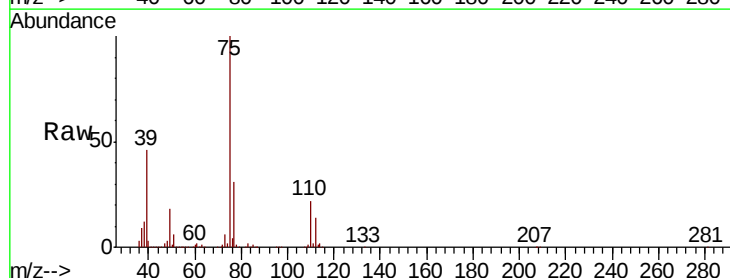
Tgt Ion: 75 Resp: 1510958

Ion Ratio Lower Upper

75 100

77 31.5 24.6 37.0

39 46.2 37.4 56.2



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

1000000

800000

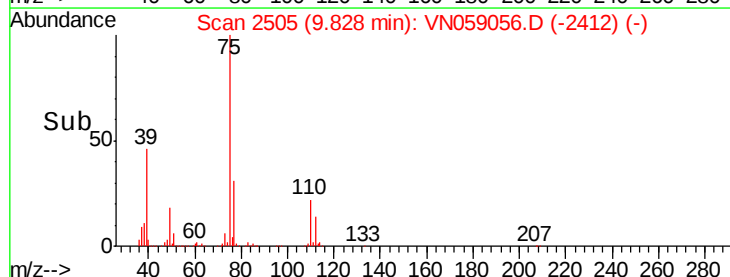
600000

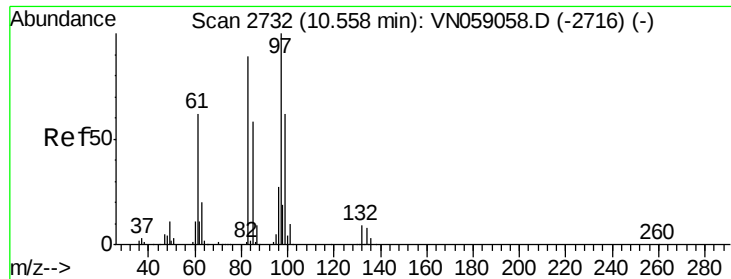
400000

200000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 145.384 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 821047

Ion	Ratio	Lower	Upper
97	100		
83	89.4	71.4	107.2
85	57.0	46.6	70.0
99	62.4	49.7	74.5

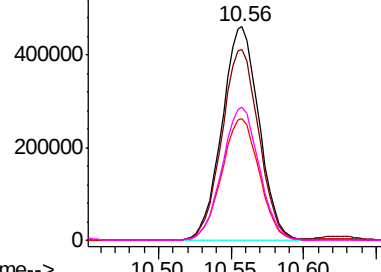
Abundance

Ion 96.90 (96.60 to 97.60): VNO

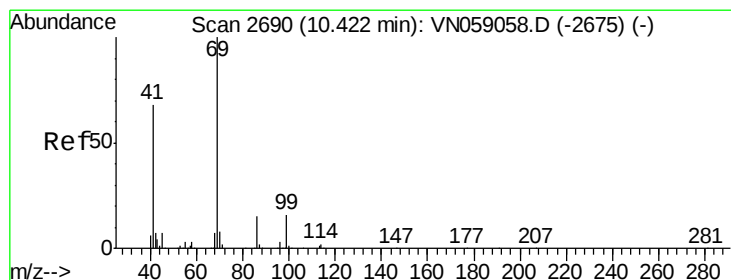
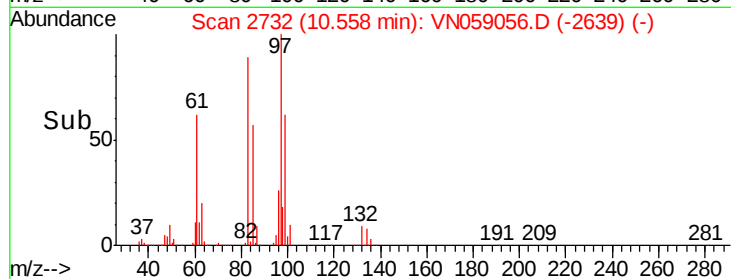
Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



Time-->



#56

Ethyl methacrylate

Concen: 172.191 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

Tgt Ion: 69 Resp: 1435717

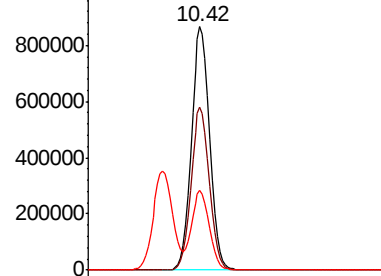
Ion	Ratio	Lower	Upper
69	100		
41	67.2	53.8	80.8
39	32.3	26.2	39.2

Abundance

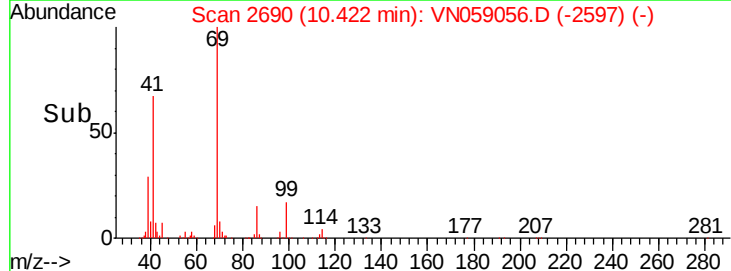
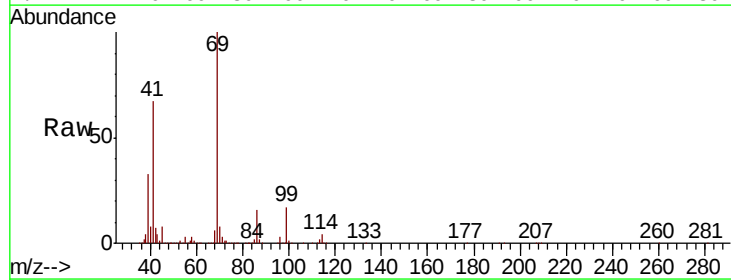
Ion 69.00 (68.70 to 69.70): VNO

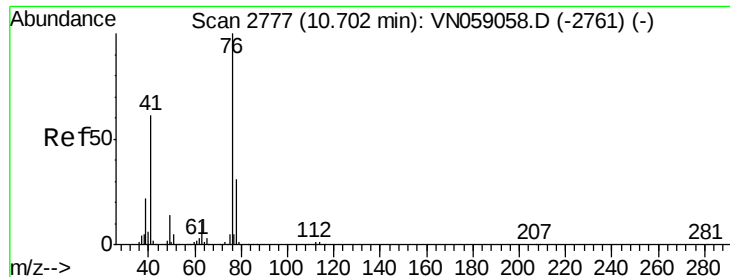
Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO



Time-->





#57

1,3-Dichloropropane

Concen: 147.037 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

Instrument :

MSVOA_N

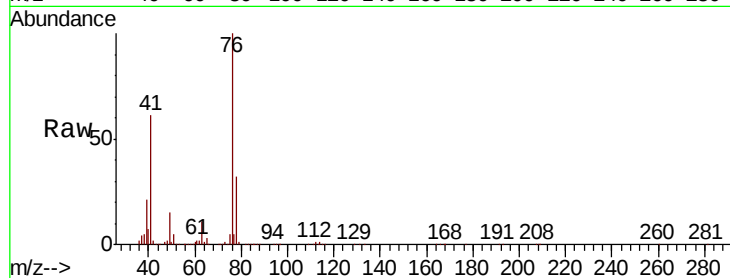
ClientSampleId :

Tot Ion: 76 Resp: 1451521

Ion Ratio Lower Upper

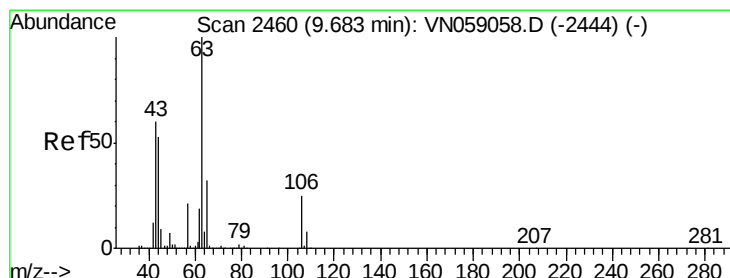
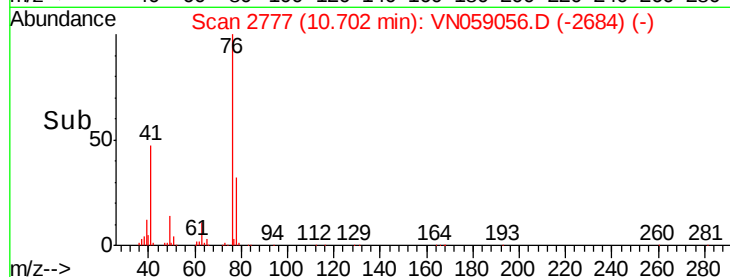
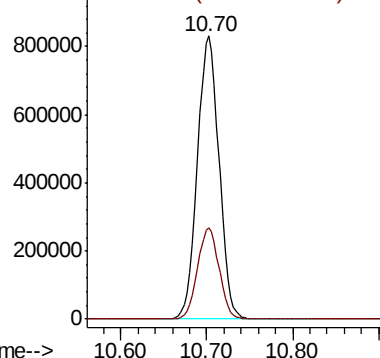
76 100

78 32.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 795.176 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN059056.D

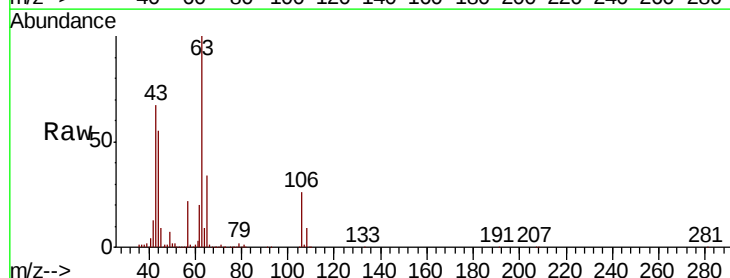
Acq: 1 Nov 2019 12:15

Tgt Ion: 63 Resp: 2787922

Ion Ratio Lower Upper

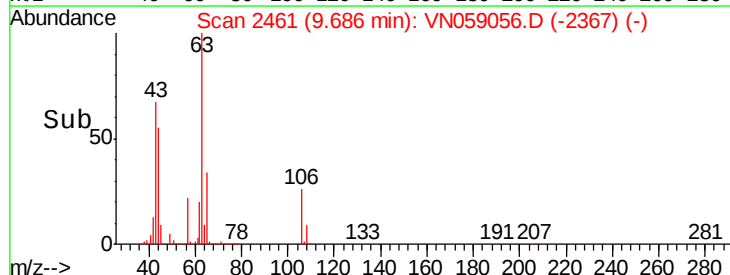
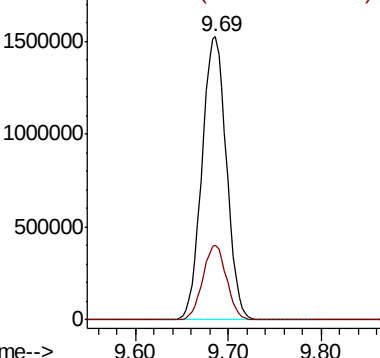
63 100

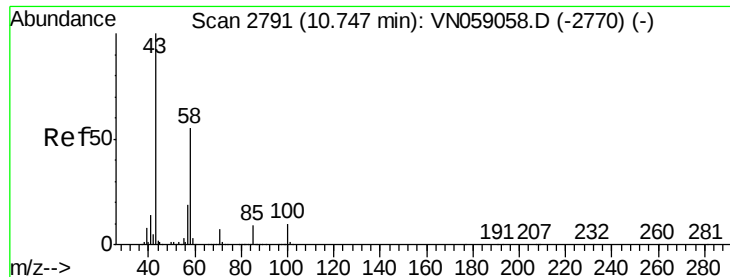
106 25.7 19.8 29.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

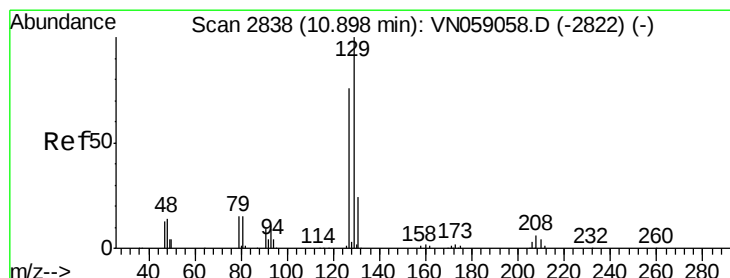
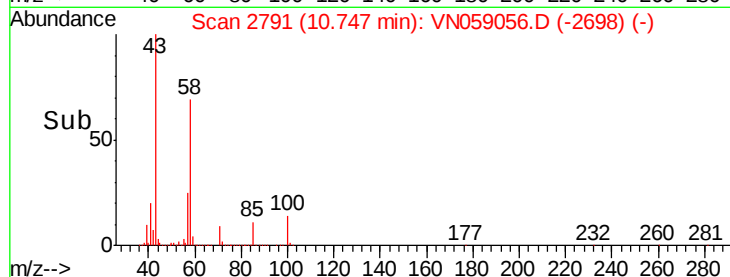
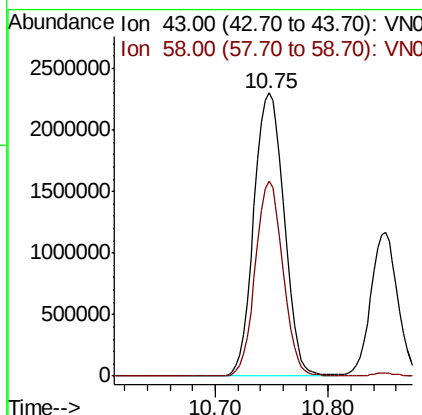
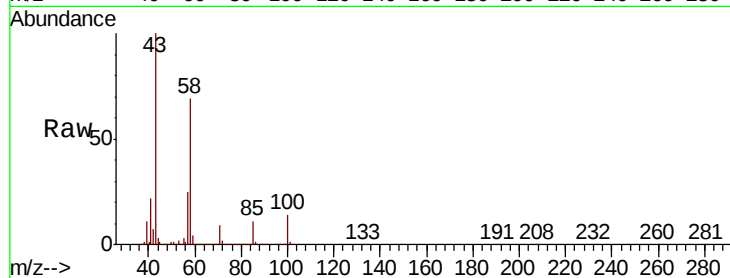




#59
2-Hexanone
Concen: 694.879 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

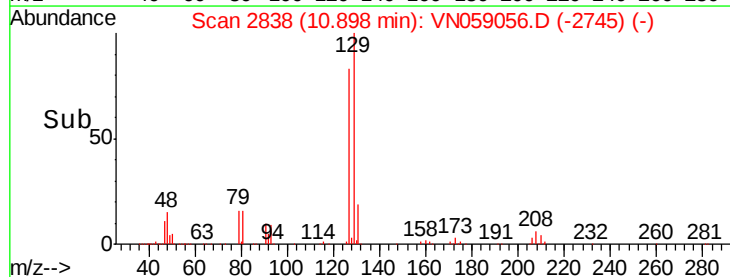
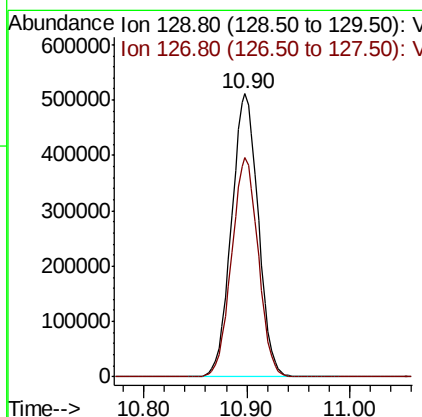
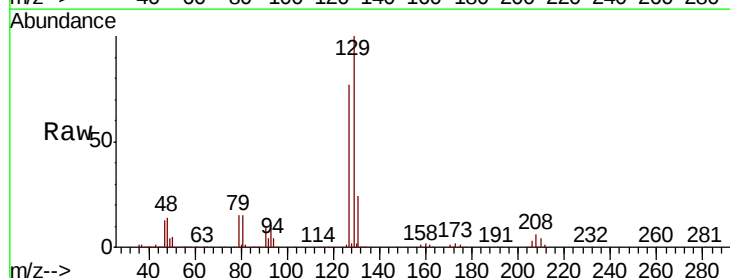
Instrument :
MSVOA_N
ClientSampled :

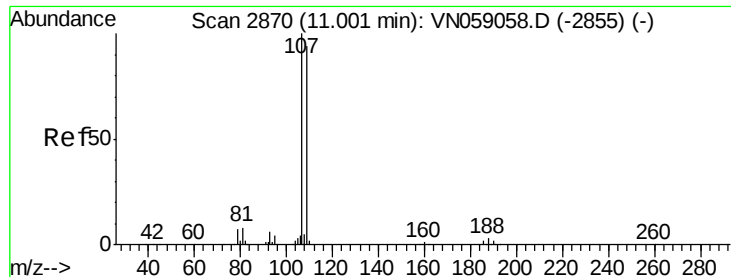
Tot Ion: 43 Resp: 4287267
Ion Ratio Lower Upper
43 100
58 62.9 27.4 82.2



#60
Dibromochloromethane
Concen: 152.040 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

Tgt Ion: 129 Resp: 923009
Ion Ratio Lower Upper
129 100
127 77.1 38.3 114.8

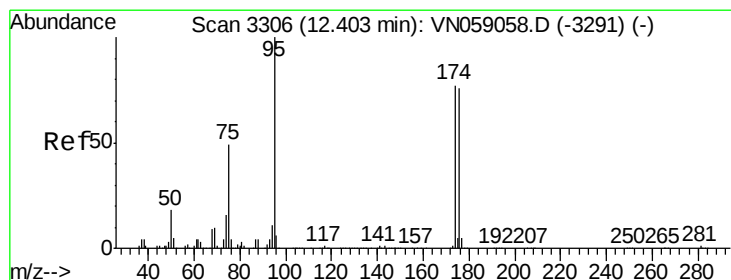
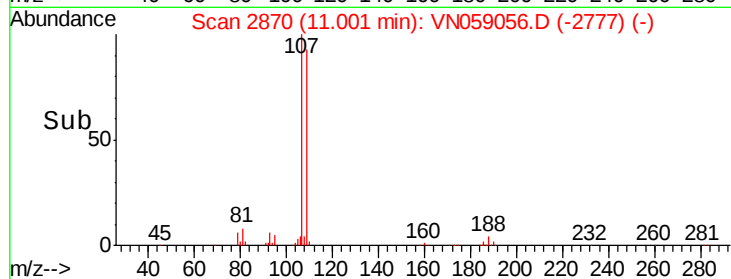
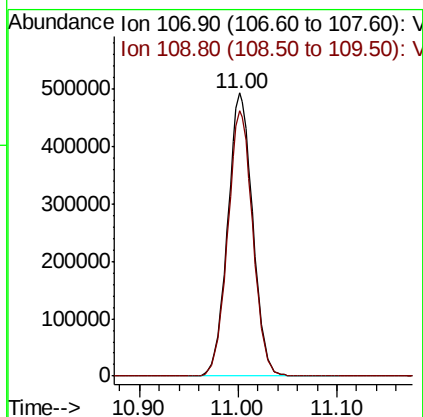
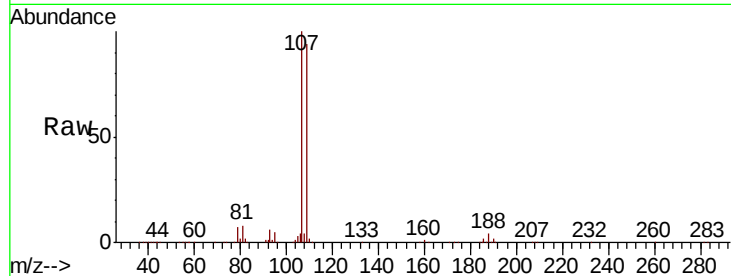




#61
 1,2-Dibromoethane
 Concen: 151.242 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059056.D
 Acq: 1 Nov 2019 12:15

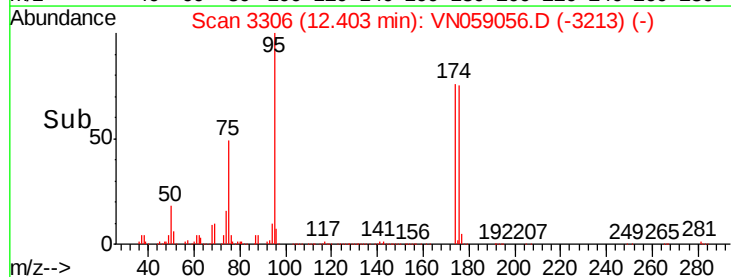
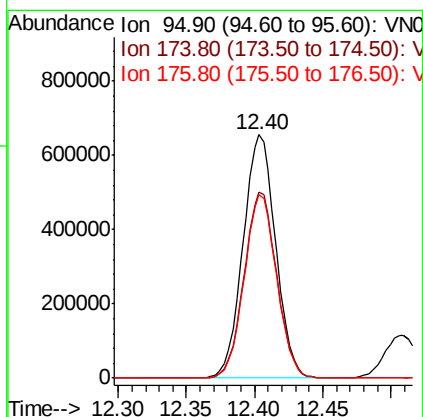
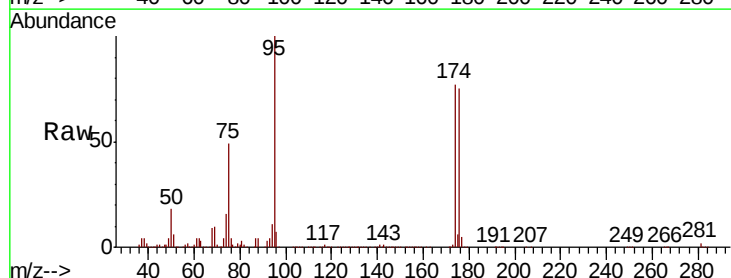
Instrument :
 MSVOA_N
 ClientSampleId :

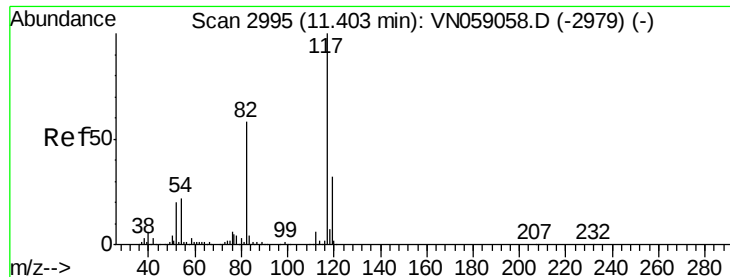
Tot Ion: 107 Resp: 872264
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 148.427 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN059056.D
 Acq: 1 Nov 2019 12:15

Tgt Ion: 95 Resp: 1082323
 Ion Ratio Lower Upper
 95 100
 174 76.8 0.0 155.8
 176 75.1 0.0 151.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

Instrument :

MSVOA_N

ClientSampled :

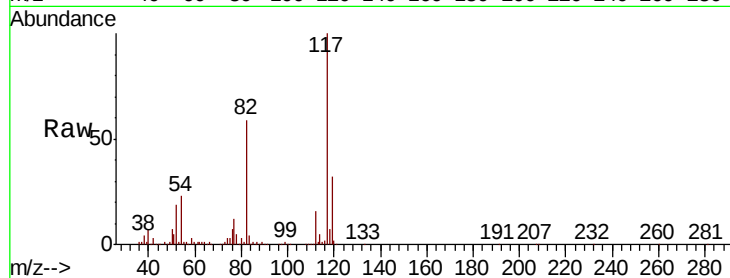
Tot Ion:117 Resp: 713540

Ion Ratio Lower Upper

117 100

82 59.2 46.0 69.0

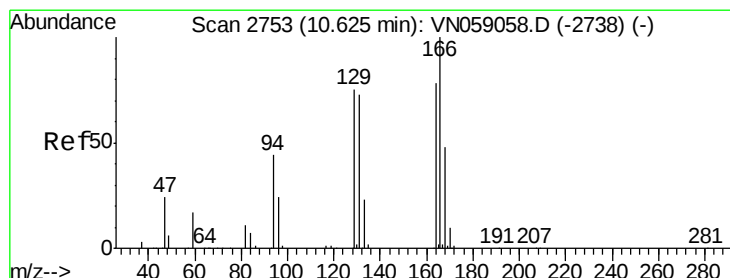
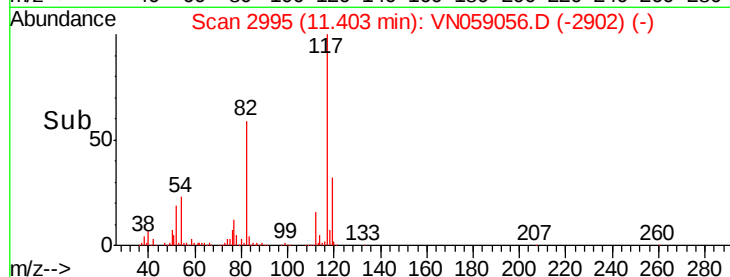
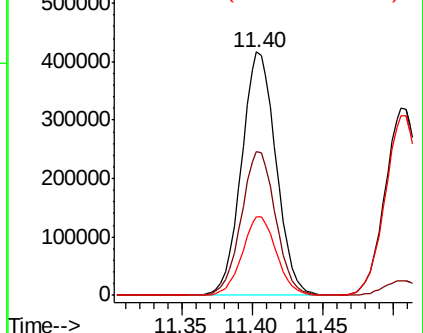
119 32.2 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 147.766 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

Tgt Ion:164 Resp: 730215

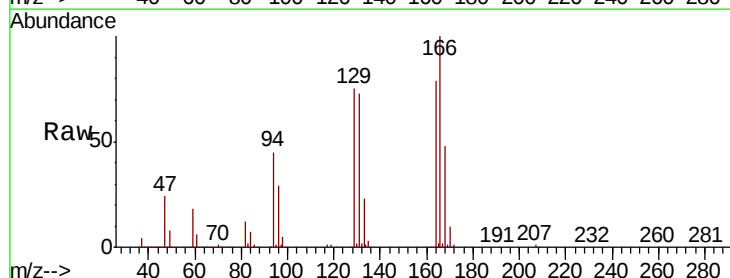
Ion Ratio Lower Upper

164 100

166 126.5 102.7 154.1

129 94.8 77.3 115.9

131 92.2 74.8 112.2

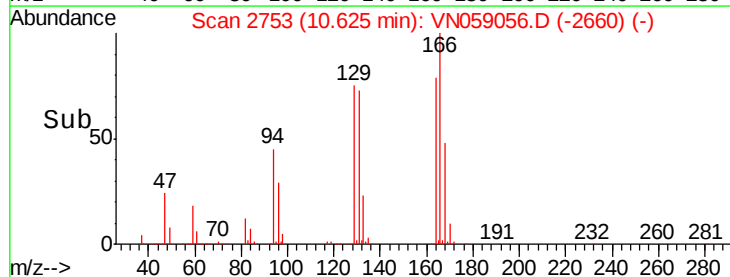
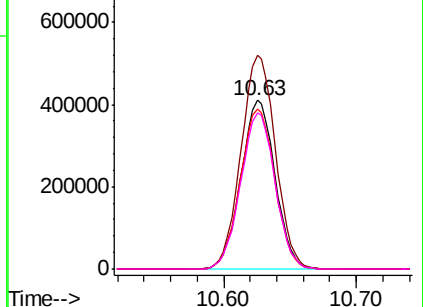


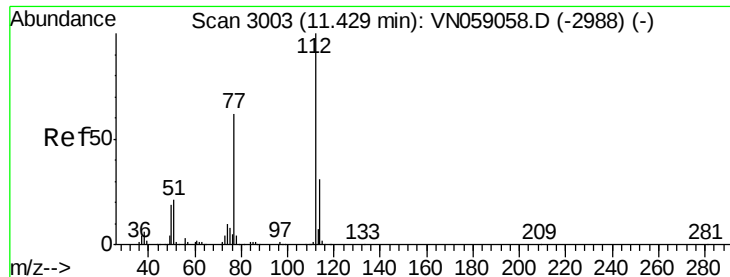
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 150.982 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

Instrument :

MSVOA_N

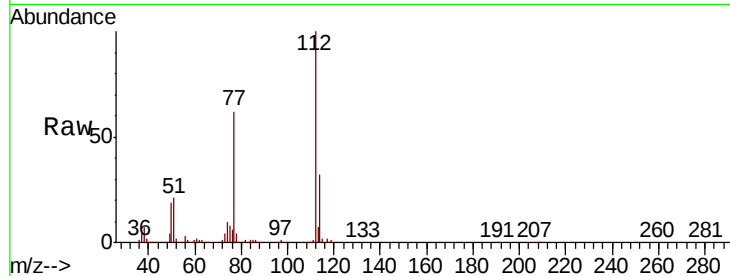
ClientSampled :

Tot Ion:112 Resp: 2171678

Ion Ratio Lower Upper

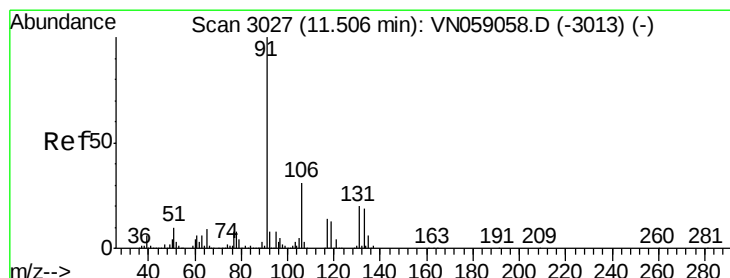
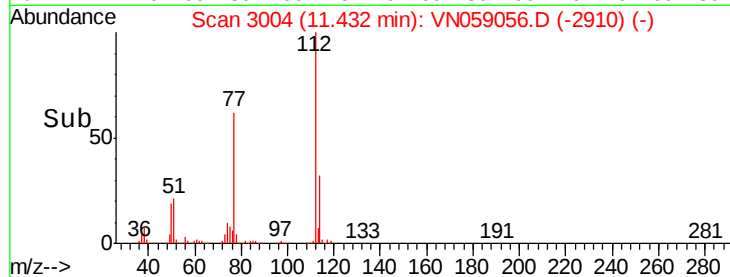
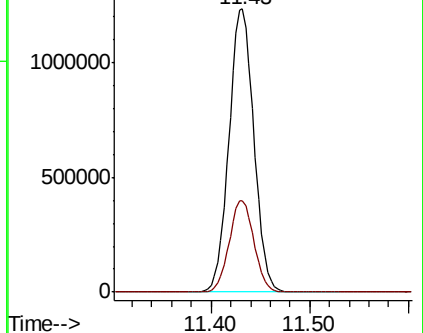
112 100

114 32.5 25.0 37.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 151.551 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

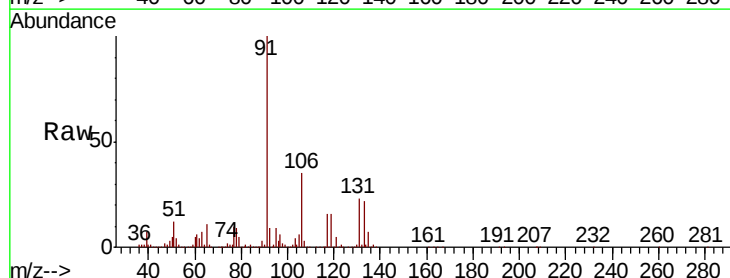
Tgt Ion:131 Resp: 821117

Ion Ratio Lower Upper

131 100

133 94.7 47.9 143.6

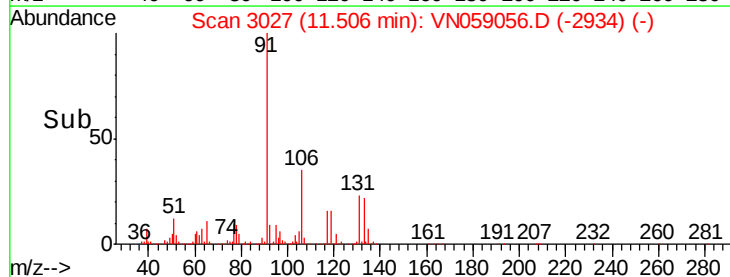
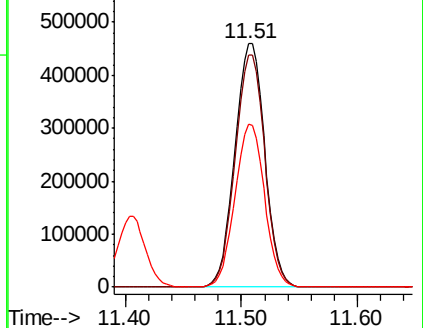
119 66.2 33.5 100.5

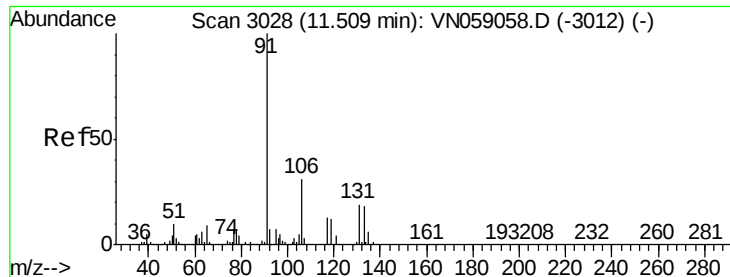


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

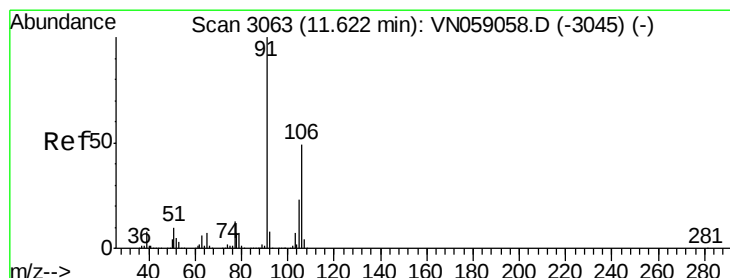
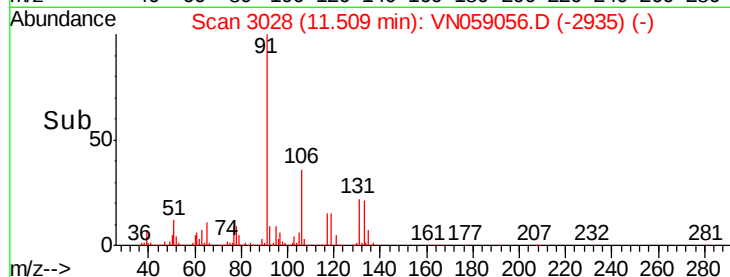
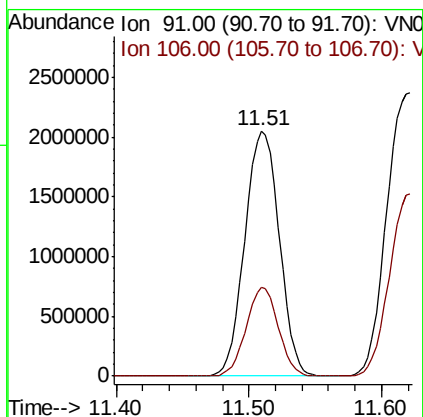
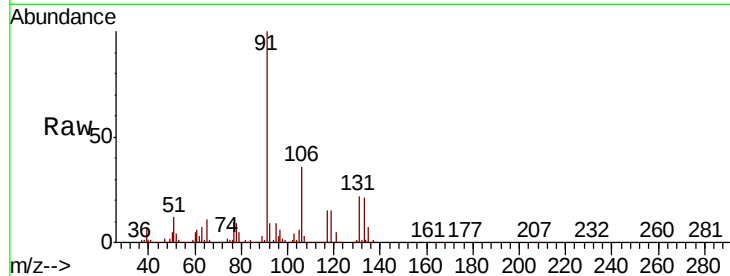




#67
Ethyl Benzene
Concen: 147.128 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

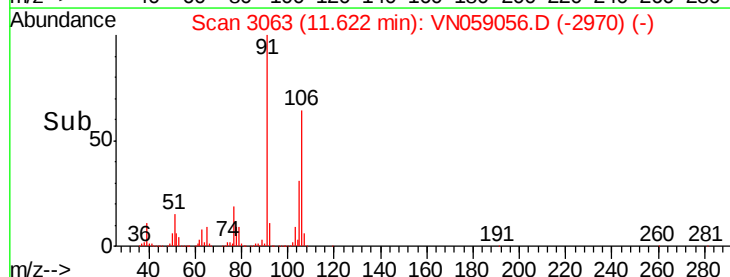
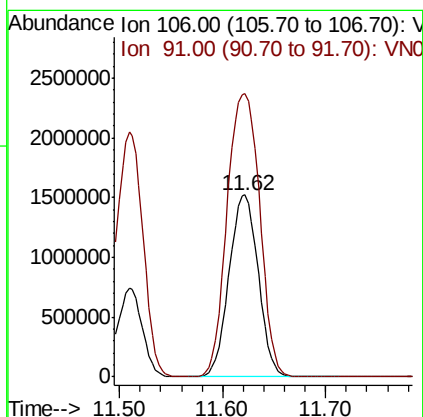
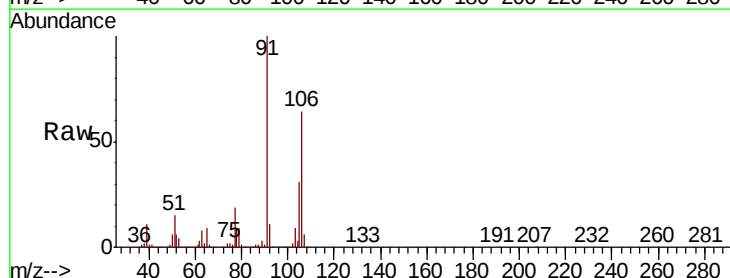
Instrument :
MSVOA_N
ClientSampled :

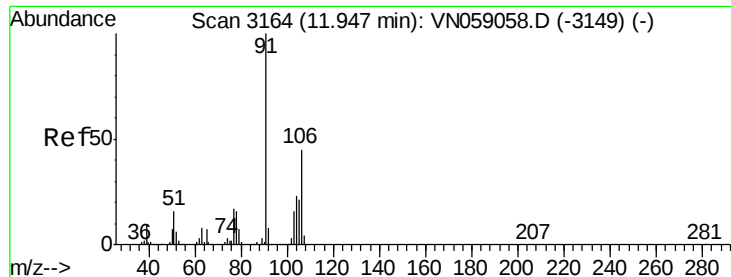
Tot Ion: 91 Resp: 3702906
Ion Ratio Lower Upper
91 100
106 36.4 24.6 36.8



#68
m/p-Xylenes
Concen: 320.627 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

Tgt Ion: 106 Resp: 2988429
Ion Ratio Lower Upper
106 100
91 174.6 165.7 248.5

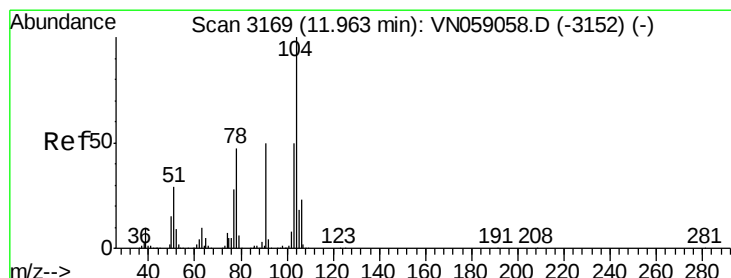
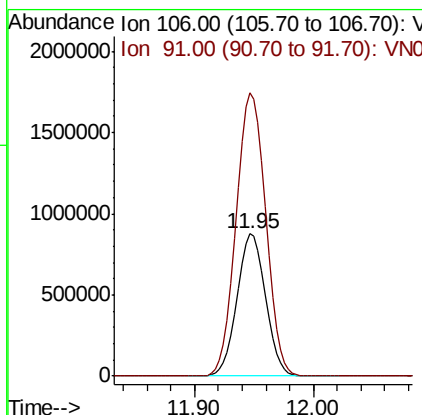
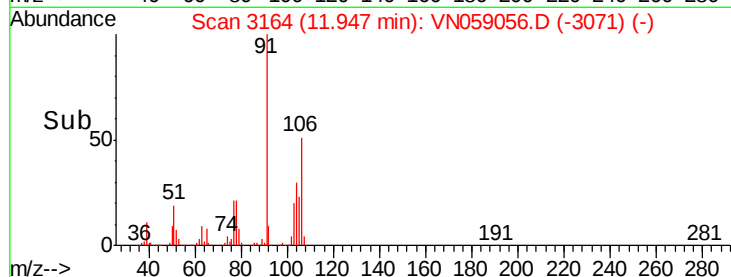
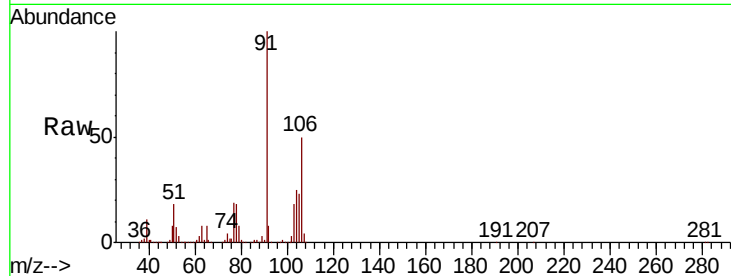




#69
o-Xylene
Concen: 163.426 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

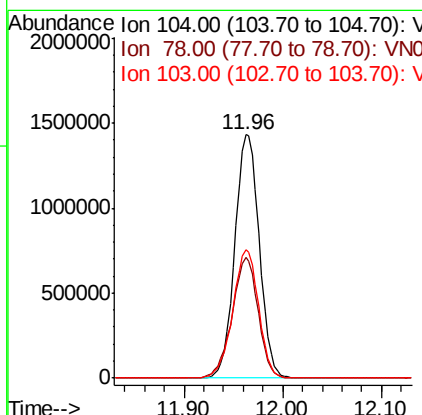
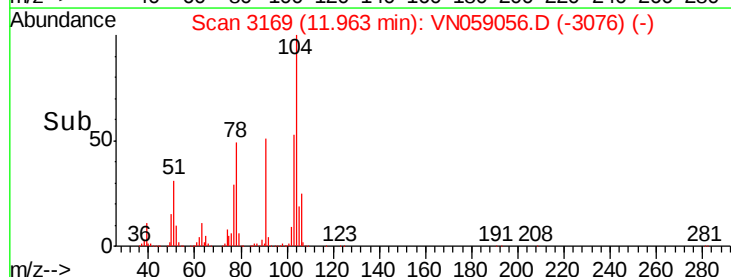
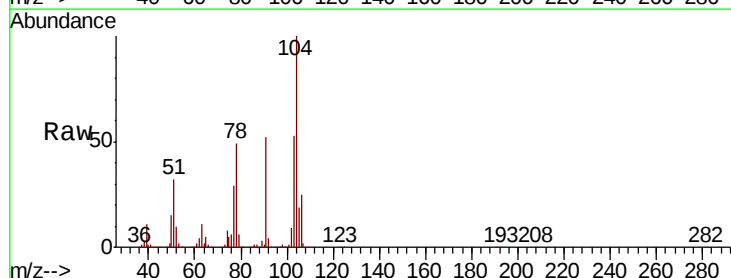
Instrument :
MSVOA_N
ClientSampleId :

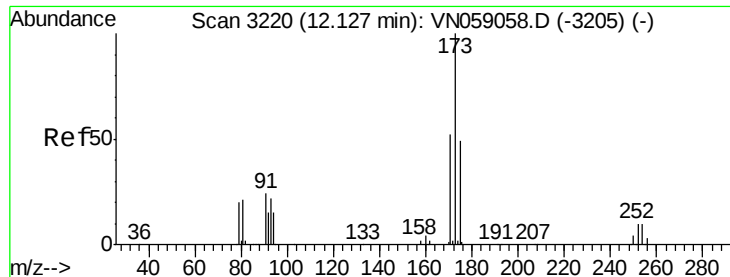
Tot Ion:106 Resp: 1456676
Ion Ratio Lower Upper
106 100
91 206.6 110.4 331.2



#70
Styrene
Concen: 169.531 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

Tgt Ion:104 Resp: 2464184
Ion Ratio Lower Upper
104 100
78 52.8 41.2 61.8
103 55.8 43.9 65.9





#71

Bromoform

Concen: 165.185 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

Instrument :

MSVOA_N

ClientSampled :

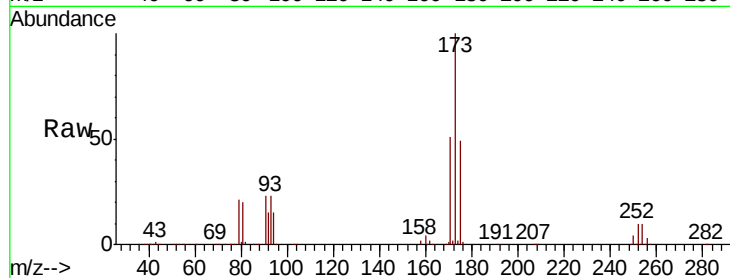
Tot Ion:173 Resp: 697358

Ion Ratio Lower Upper

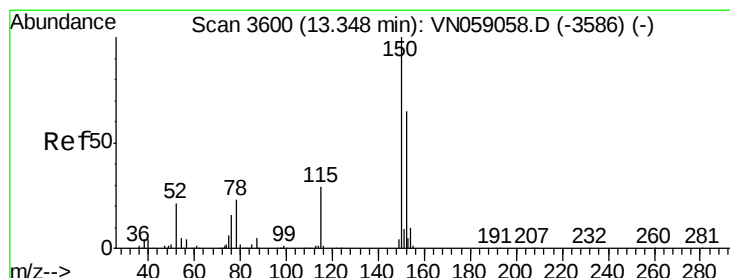
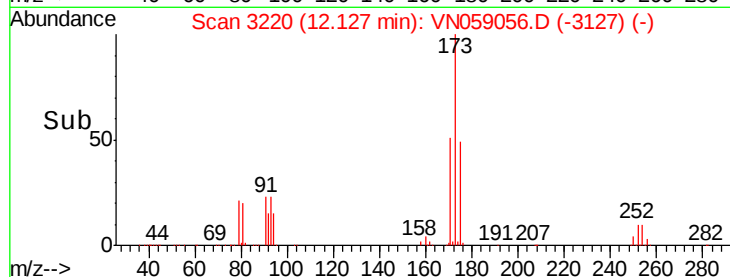
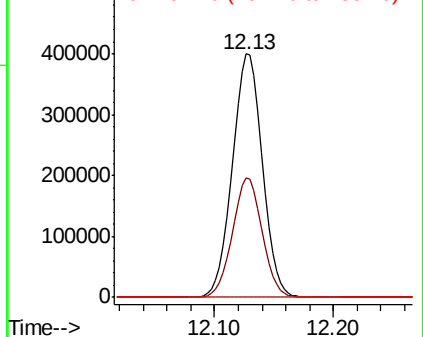
173 100

175 48.5 24.4 73.2

254 0.1 0.1 0.1#



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: VN059056.D

Acq: 1 Nov 2019 12:15

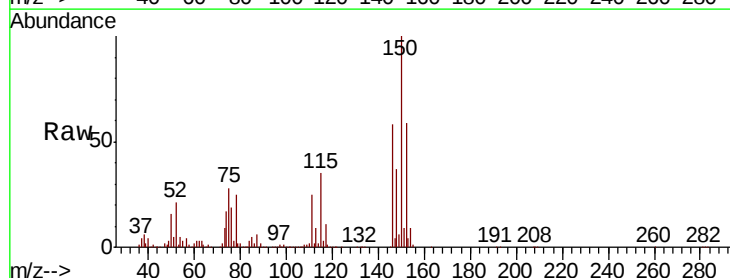
Tgt Ion:152 Resp: 365184

Ion Ratio Lower Upper

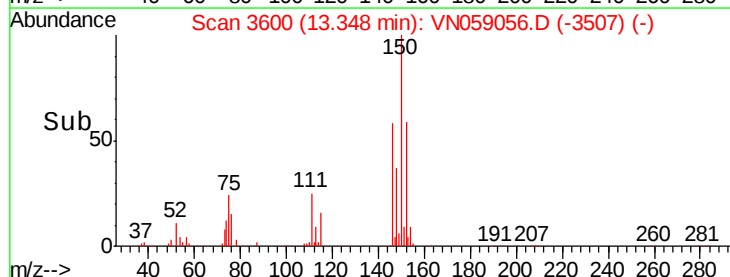
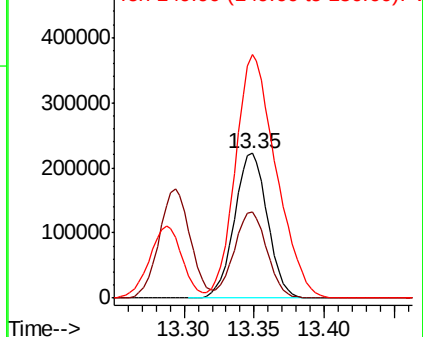
152 100

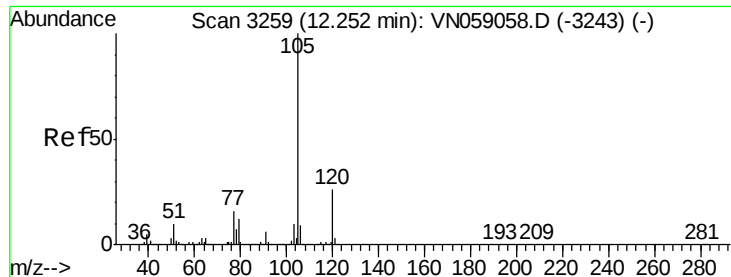
115 59.3 29.6 88.9

150 206.4 0.0 345.8



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

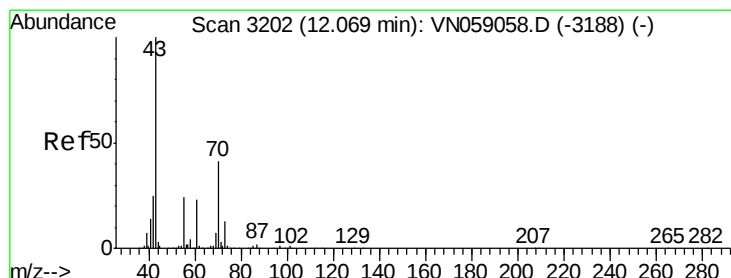
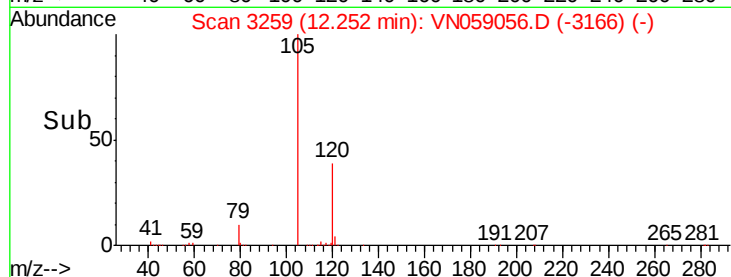
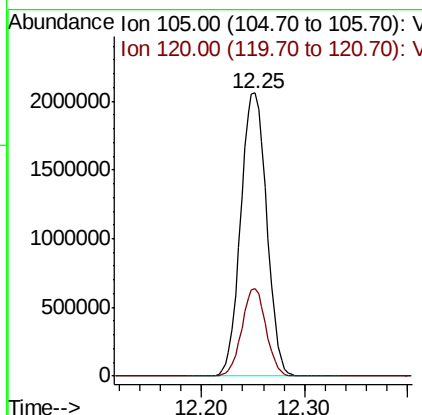
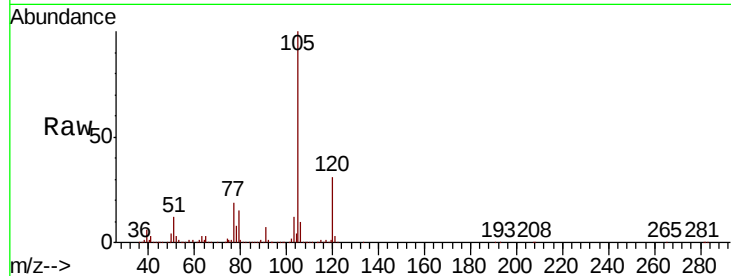




#73
Isopropylbenzene
Concen: 136.249 ug/l
RT: 12.25 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

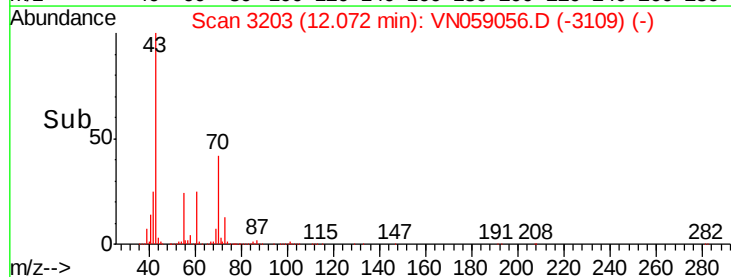
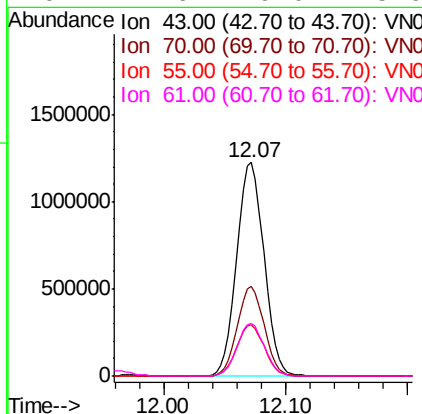
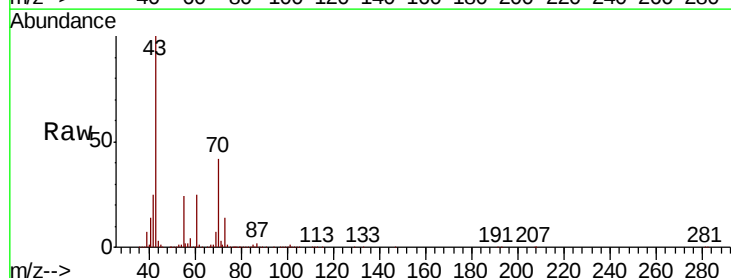
Instrument :
MSVOA_N
ClientSampleId :

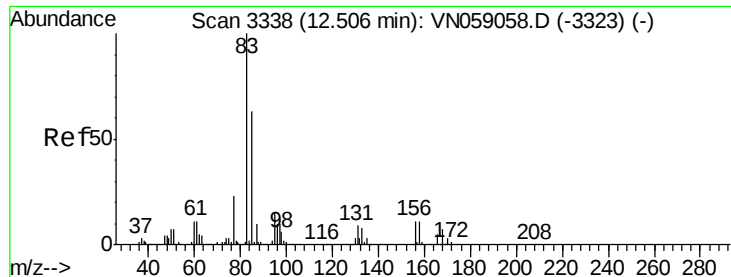
Tot Ion:105 Resp: 3605347
Ion Ratio Lower Upper
105 100
120 28.8 13.1 39.1



#74
N-ethyl acetate
Concen: 159.183 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. 0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

Tgt Ion: 43 Resp: 1897483
Ion Ratio Lower Upper
43 100
70 41.2 32.6 49.0
55 24.2 19.7 29.5
61 24.6 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 140.341 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

Instrument :

MSVOA_N

ClientSampled :

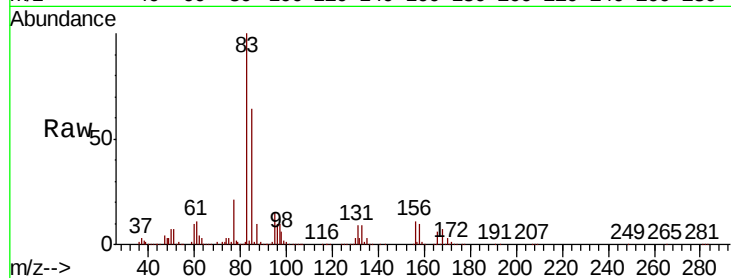
Tot Ion: 83 Resp: 1305472

Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.9	14.7
85	64.3	31.9	95.9

83 100

131 9.7 4.9 14.7

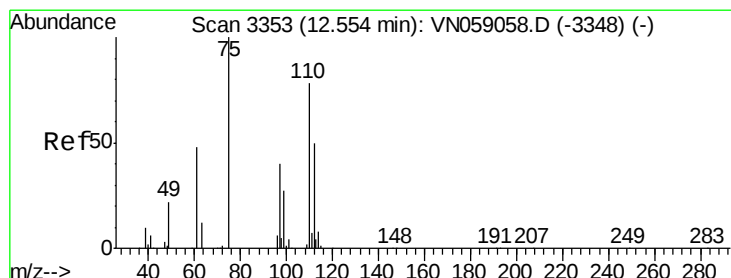
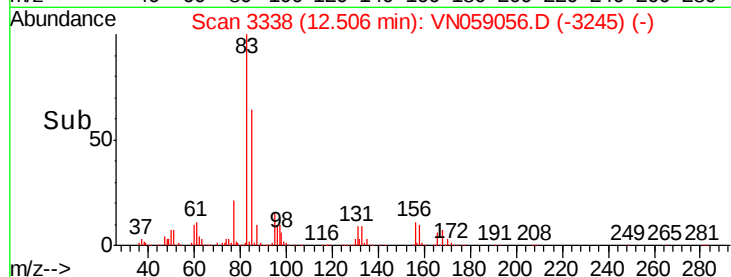
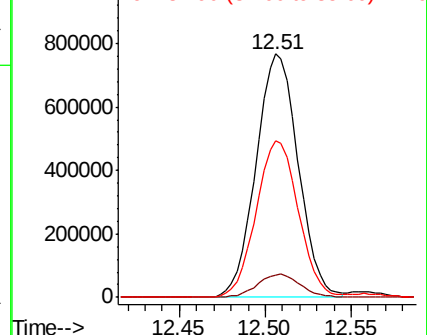
85 64.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN059058.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN059058.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN059058.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 212.707 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059056.D

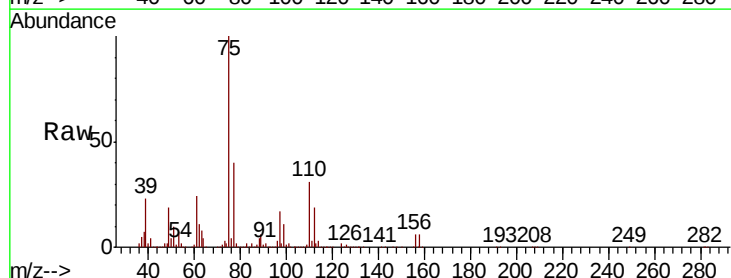
Acq: 1 Nov 2019 12:15

Tgt Ion: 75 Resp: 1801647

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

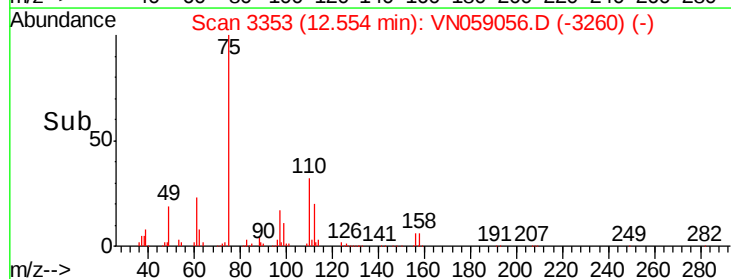
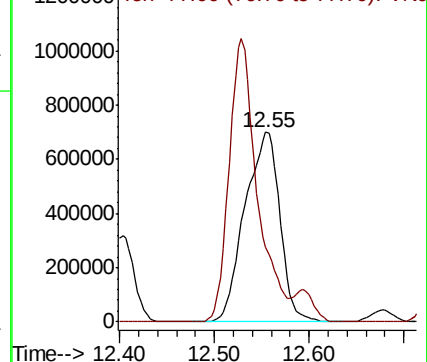
75 100

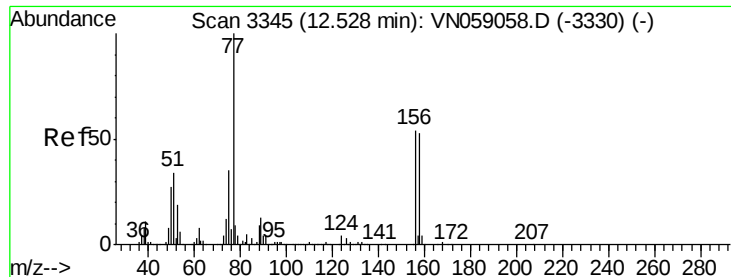
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059058.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN059058.D (-3348) (-)





#77

Bromobenzene

Concen: 145.311 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

Instrument :

MSVOA_N

ClientSampleId :

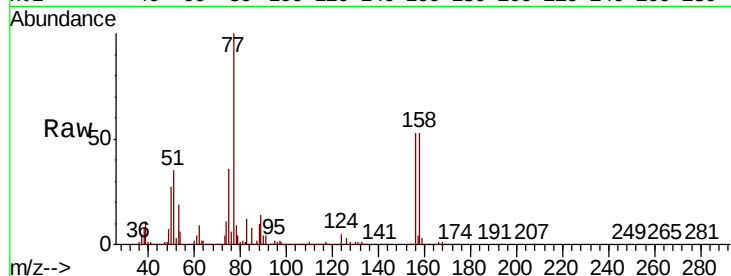
Tot Ion:156 Resp: 949172

Ion Ratio Lower Upper

156 100

77 228.8 114.2 342.6

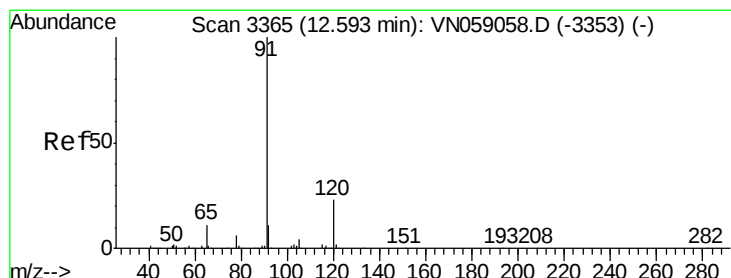
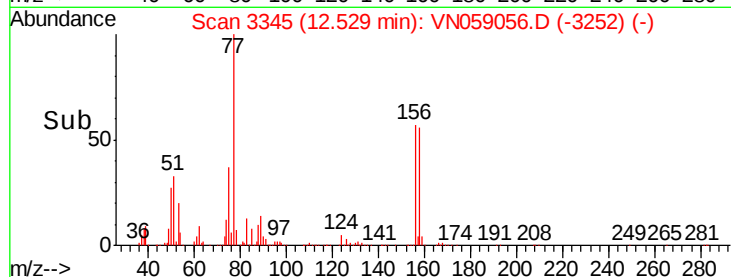
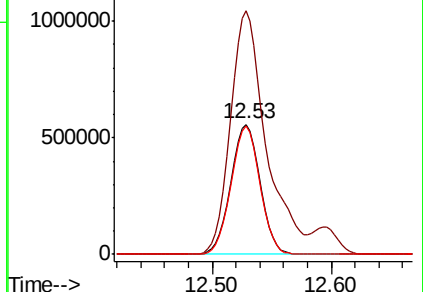
158 97.7 49.6 149.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 130.642 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059056.D

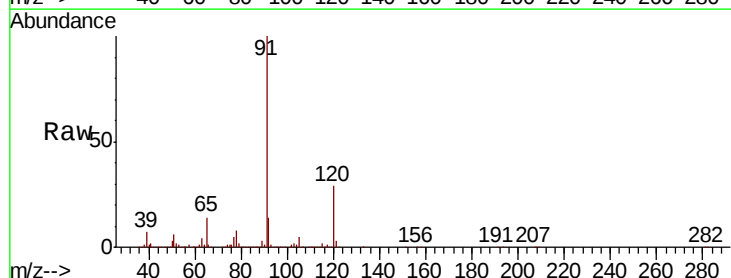
Acq: 1 Nov 2019 12:15

Tgt Ion: 91 Resp: 4081446

Ion Ratio Lower Upper

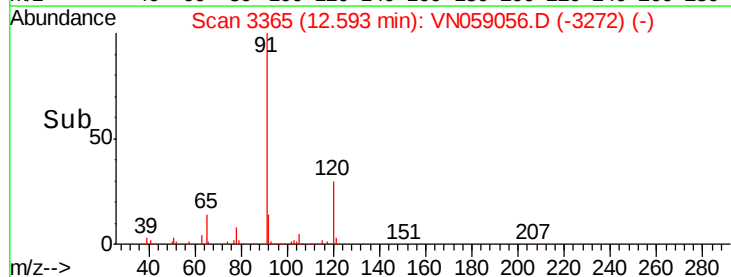
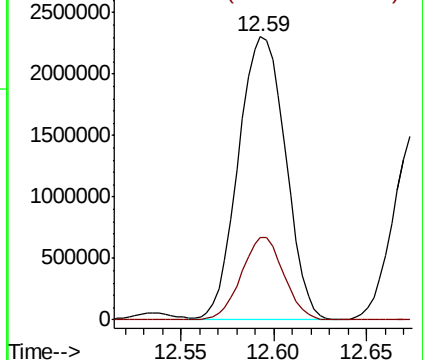
91 100

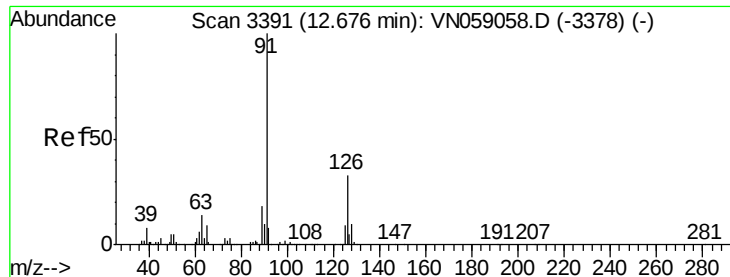
120 26.1 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 139.108 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

Instrument :

MSVOA_N

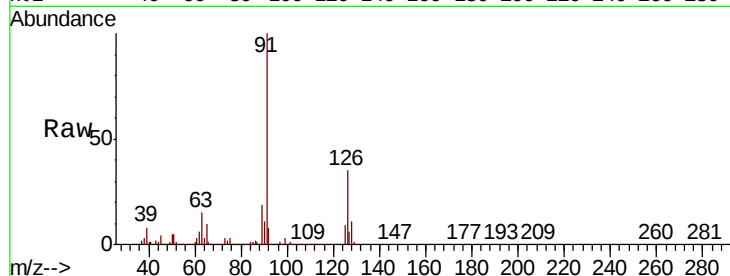
ClientSampleId :

Tot Ion: 91 Resp: 2663779

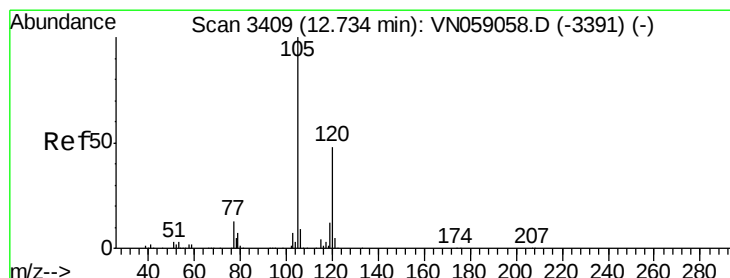
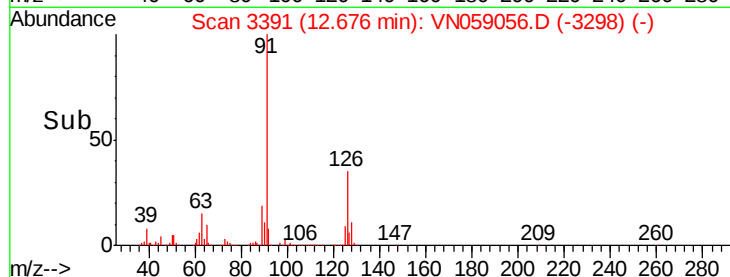
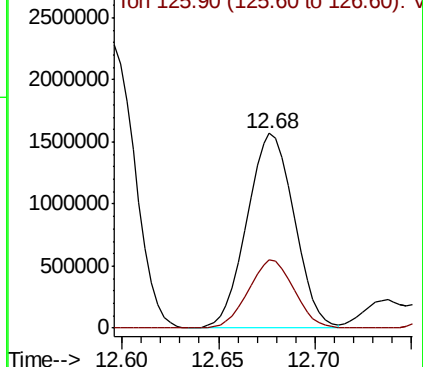
Ion Ratio Lower Upper

91 100

126 34.0 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN059058.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 144.011 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN059056.D

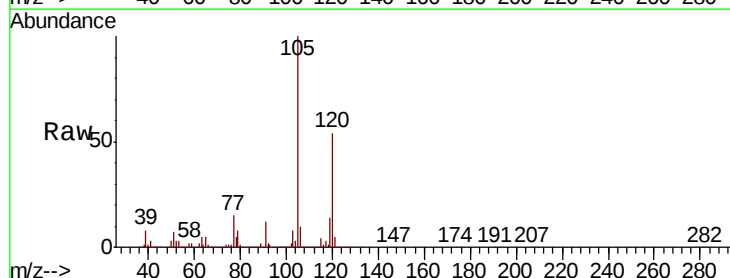
Acq: 1 Nov 2019 12:15

Tgt Ion:105 Resp: 3190941

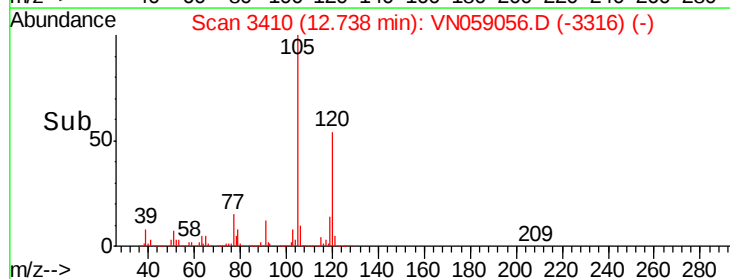
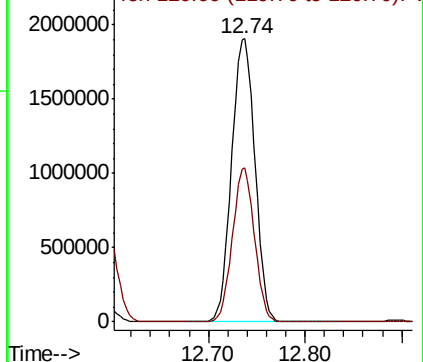
Ion Ratio Lower Upper

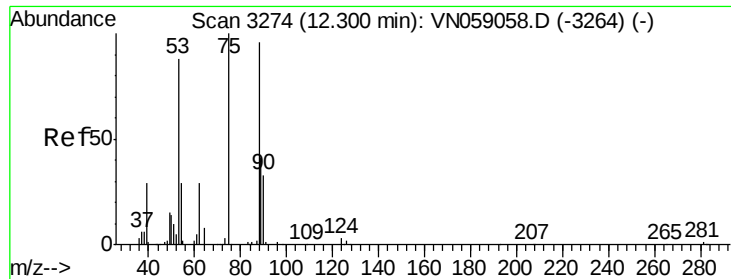
105 100

120 51.4 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VN059058.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 159.082 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

Instrument :

MSVOA_N

ClientSampleId :

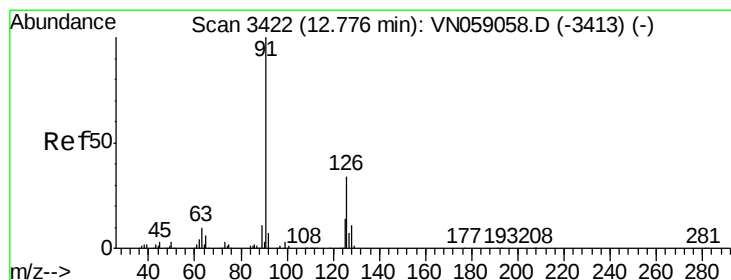
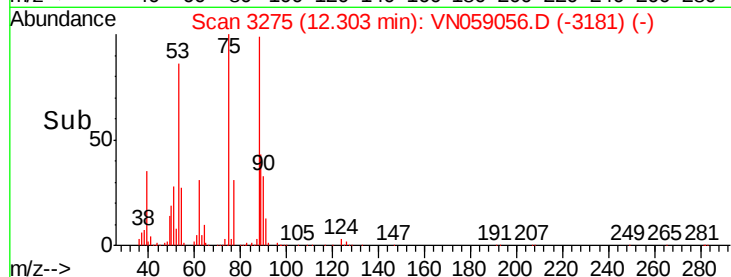
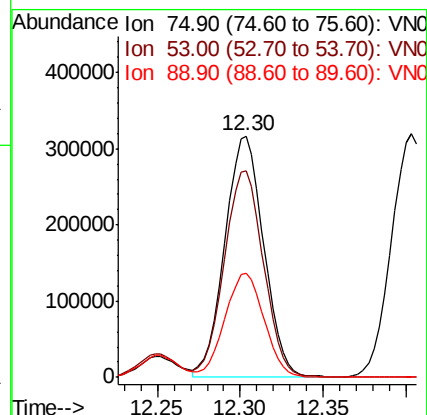
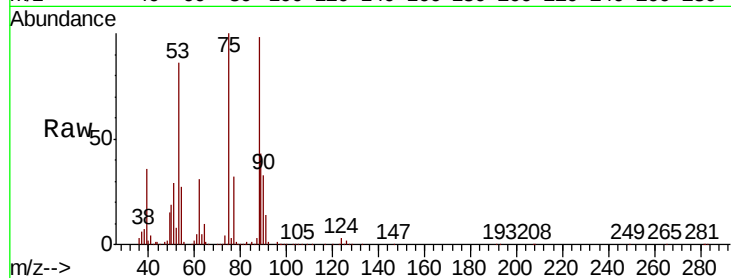
Tot Ion: 75 Resp: 516204

Ion Ratio Lower Upper

75 100

53 86.5 70.4 105.6

89 43.6 34.2 51.2



#82

4-Chlorotoluene

Concen: 142.951 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN059056.D

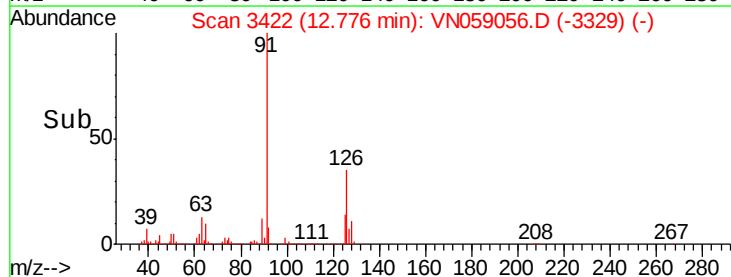
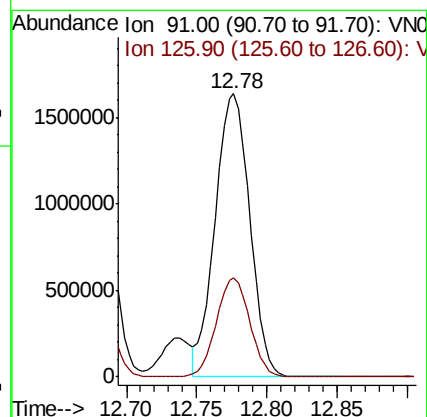
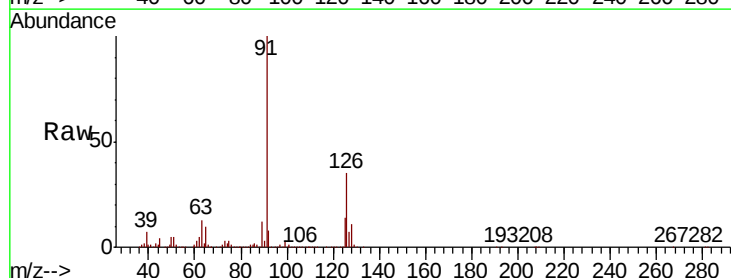
Acq: 1 Nov 2019 12:15

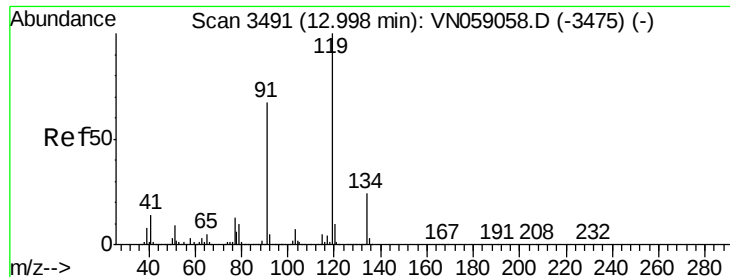
Tgt Ion: 91 Resp: 2789318

Ion Ratio Lower Upper

91 100

126 33.6 16.0 47.9





#83

tert-Butylbenzene

Concen: 147.883 ug/l

RT: 13.00 min Scan# 3491

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

Instrument :

MSVOA_N

ClientSampleId :

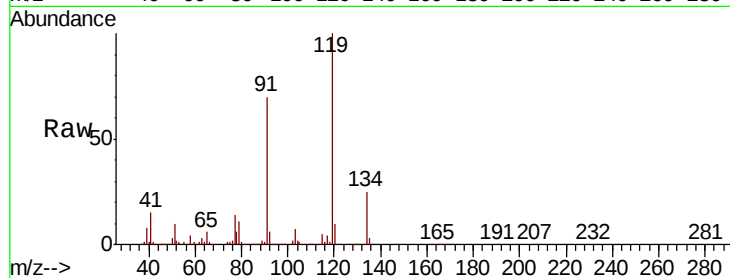
Tot Ion:119 Resp: 2806207

Ion Ratio Lower Upper

119 100

91 67.7 33.7 101.0

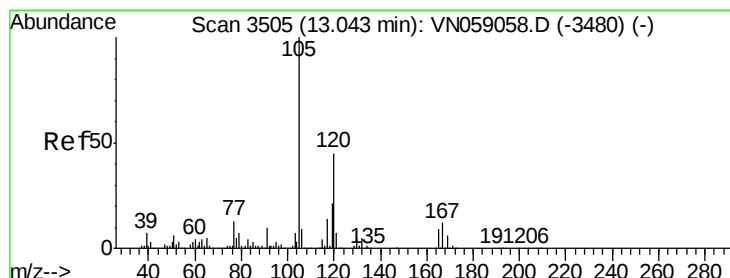
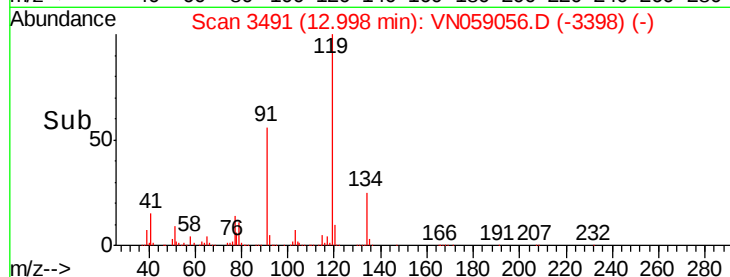
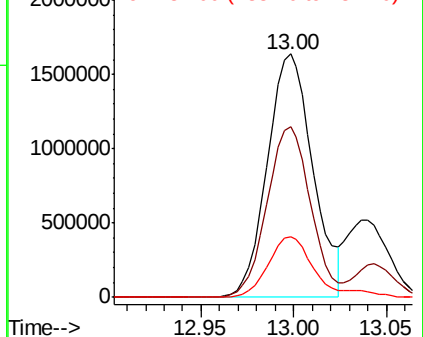
134 25.8 12.9 38.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 145.131 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN059056.D

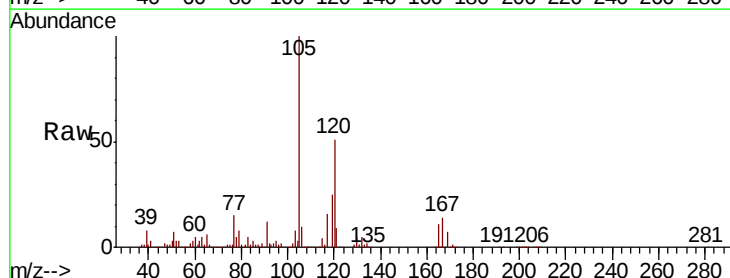
Acq: 1 Nov 2019 12:15

Tgt Ion:105 Resp: 3169775

Ion Ratio Lower Upper

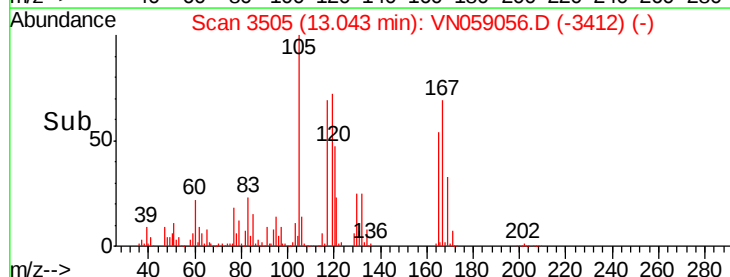
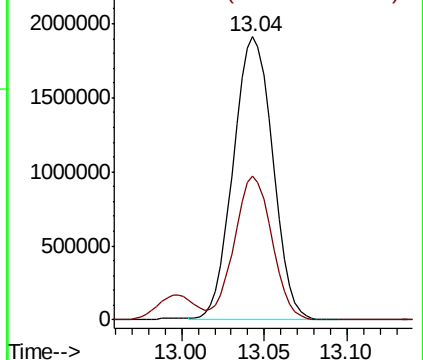
105 100

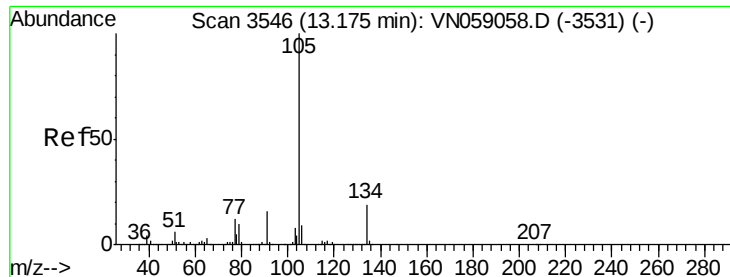
120 48.5 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 141.701 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

Instrument :

MSVOA_N

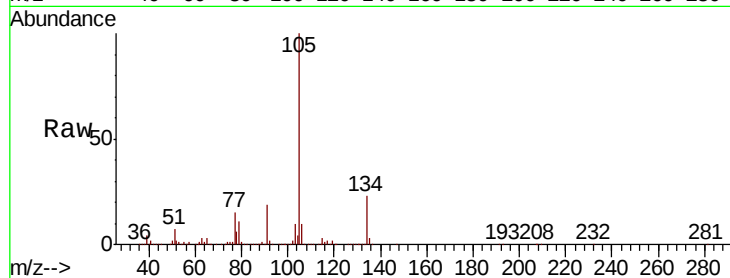
ClientSampled :

Tot Ion:105 Resp: 3576890

Ion Ratio Lower Upper

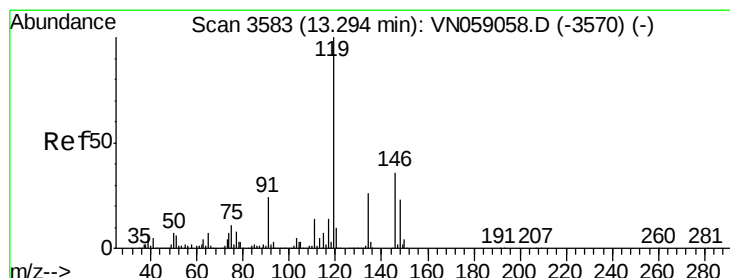
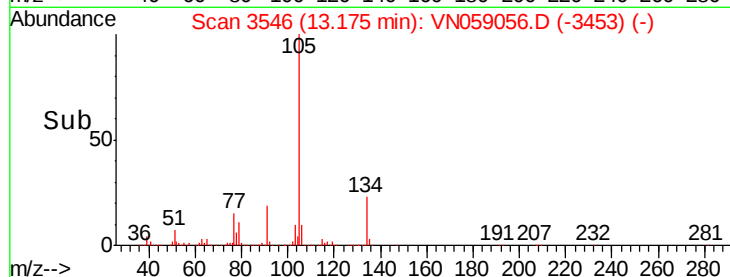
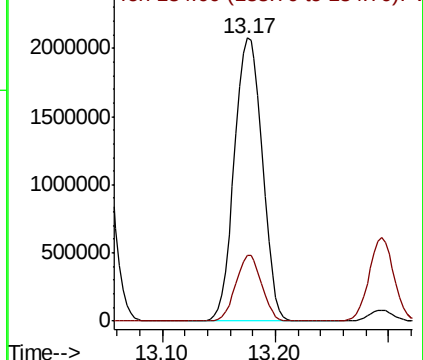
105 100

134 21.5 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 147.212 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

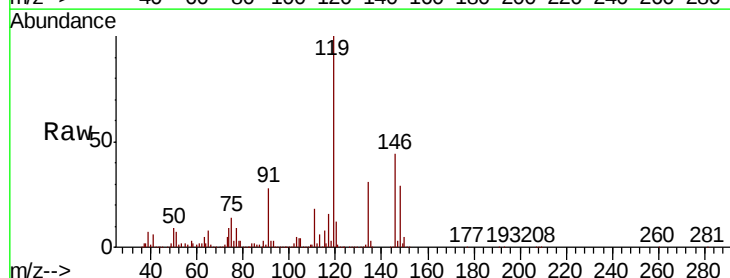
Tgt Ion:119 Resp: 3283886

Ion Ratio Lower Upper

119 100

134 28.5 13.0 39.0

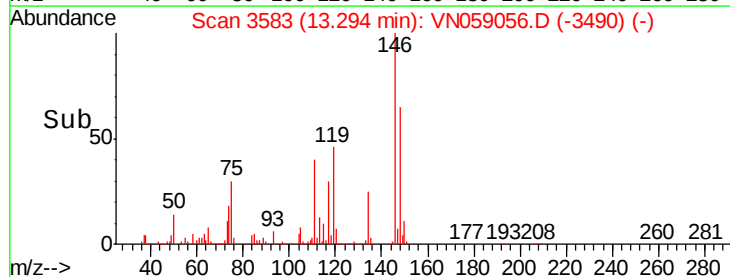
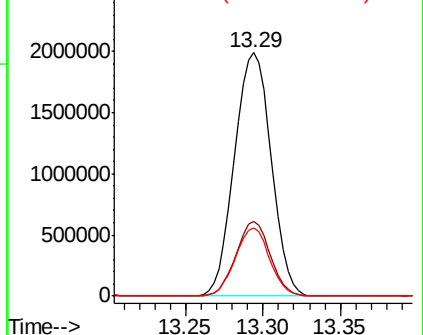
91 26.2 12.0 36.0

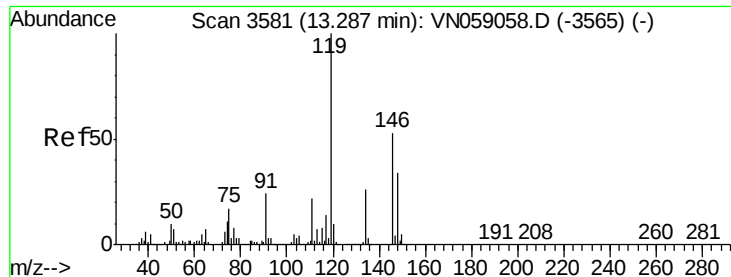


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 149.659 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

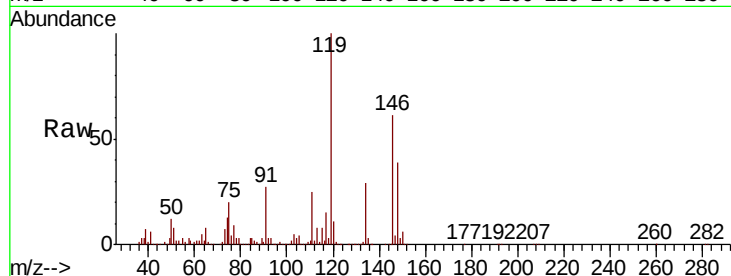
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:146 Resp: 1743069

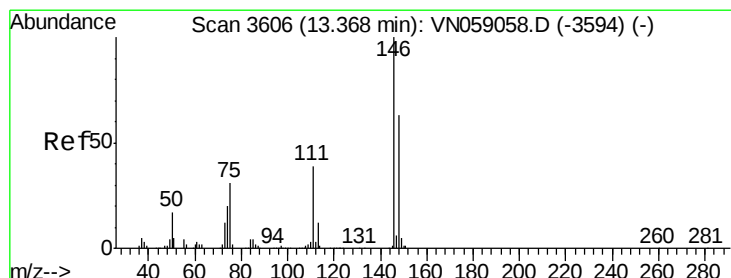
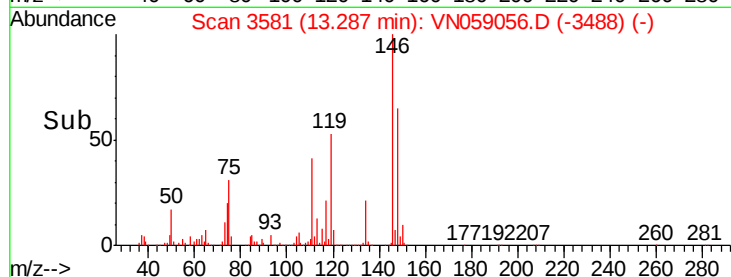
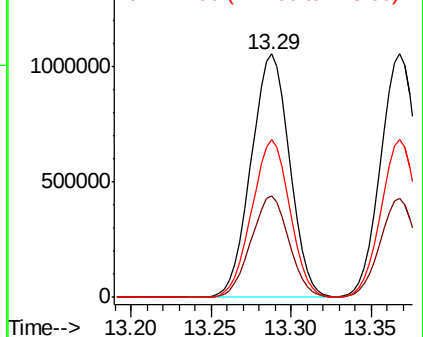
Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.5	61.5
148	64.1	31.8	95.3



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



#88

1,4-Dichlorobenzene

Concen: 149.037 ug/l

RT: 13.37 min Scan# 3606

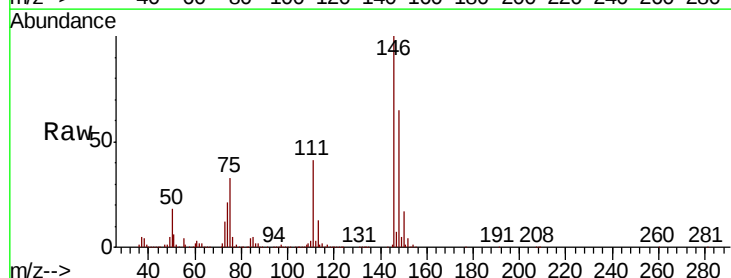
Delta R.T. 0.00 min

Lab File: VN059056.D

Acq: 1 Nov 2019 12:15

Tgt Ion:146 Resp: 1736729

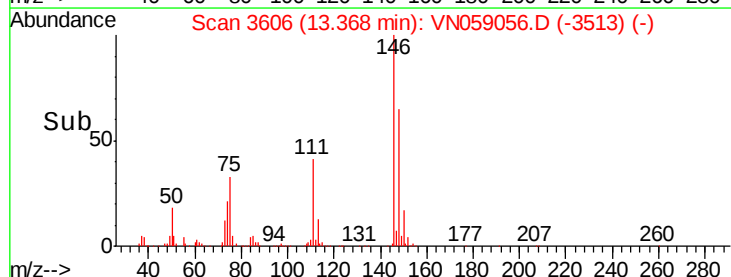
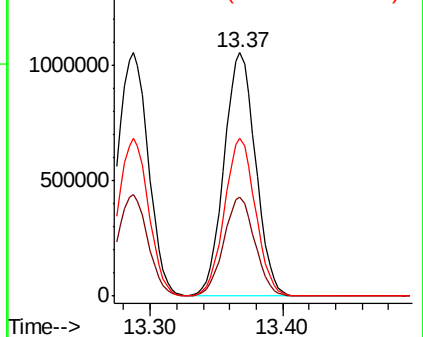
Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.1	60.2
148	64.0	31.9	95.7

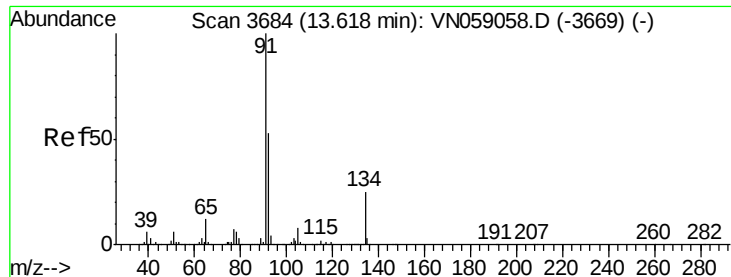


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

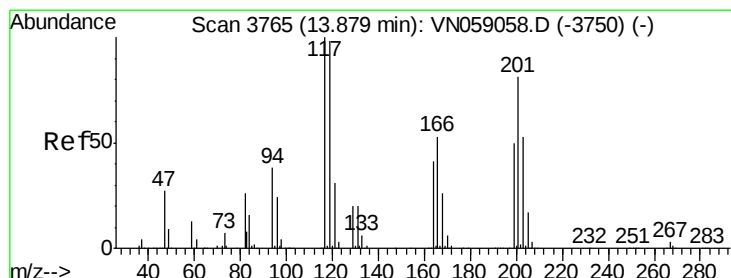
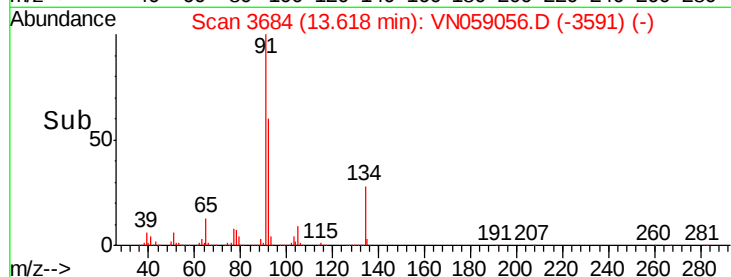
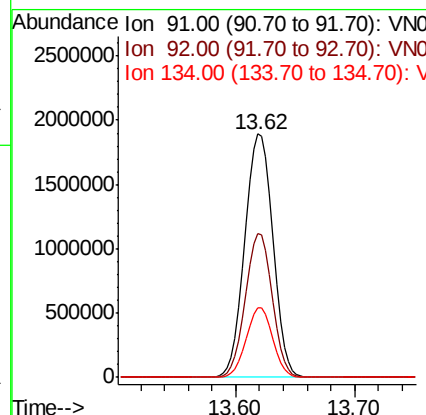
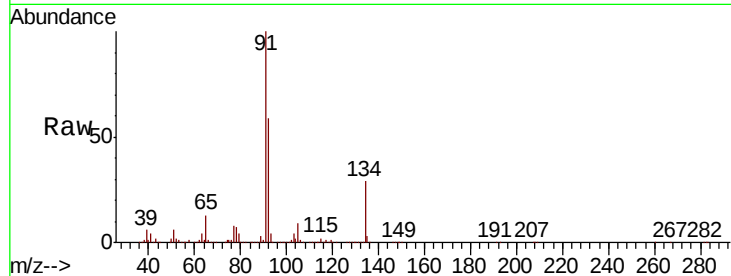




#89
n-Butylbenzene
Concen: 152.431 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

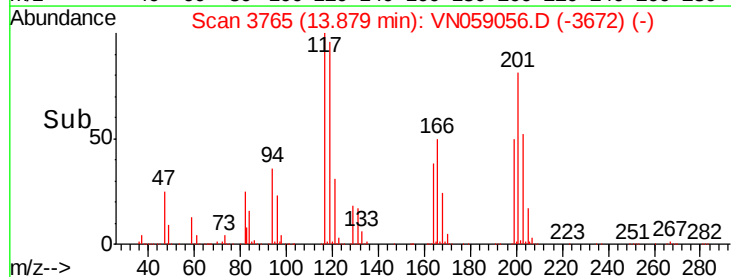
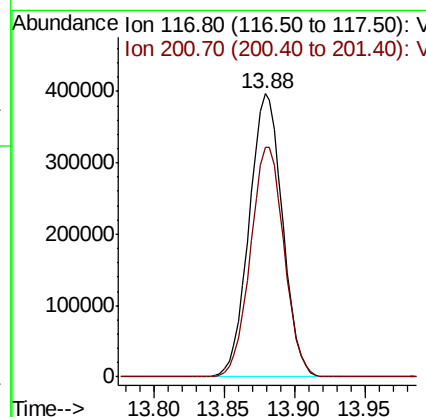
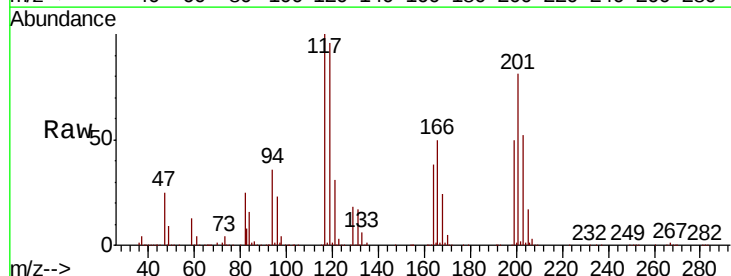
Instrument :
MSVOA_N
ClientSampleId :

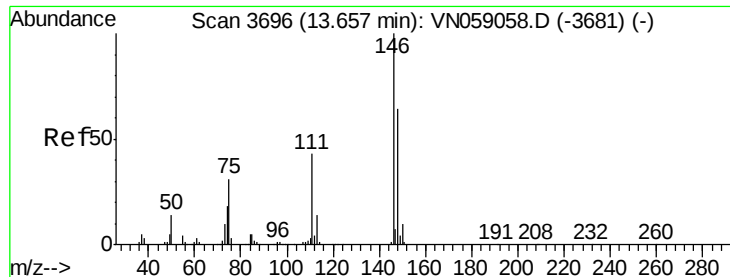
Tot Ion: 91 Resp: 3104657
Ion Ratio Lower Upper
91 100
92 56.4 26.4 79.0
134 27.1 12.5 37.5



#90
Hexachloroethane
Concen: 145.238 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

Tgt Ion: 117 Resp: 657593
Ion Ratio Lower Upper
117 100
201 81.9 40.7 122.1

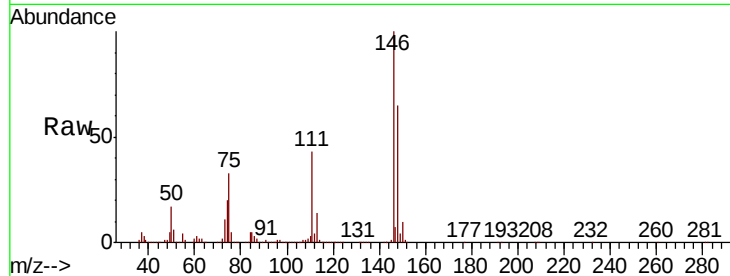




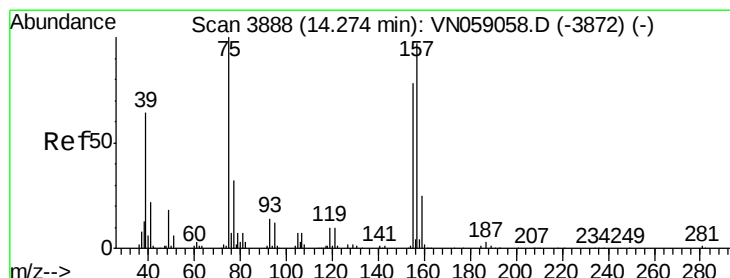
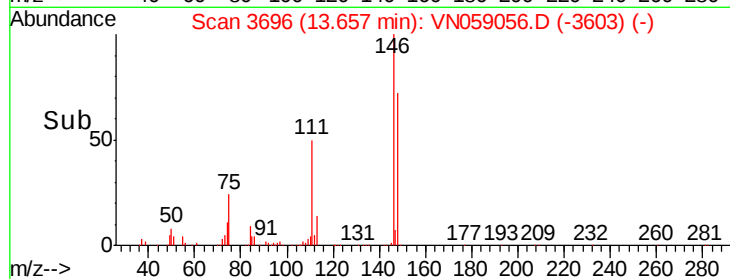
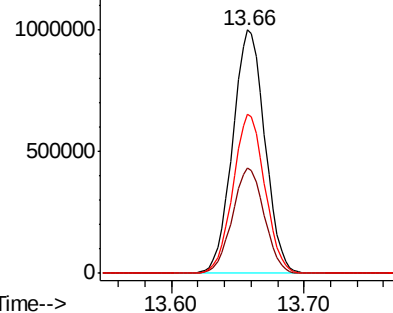
#91
 1,2-Dichlorobenzene
 Concen: 147.015 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN059056.D
 Acq: 1 Nov 2019 12:15

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:146 Resp: 1679820
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.2 63.6
 148 64.6 32.1 96.3

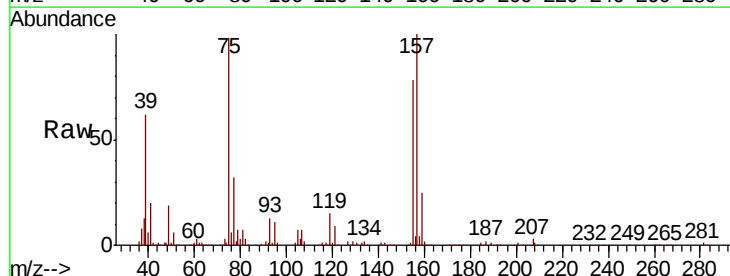


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

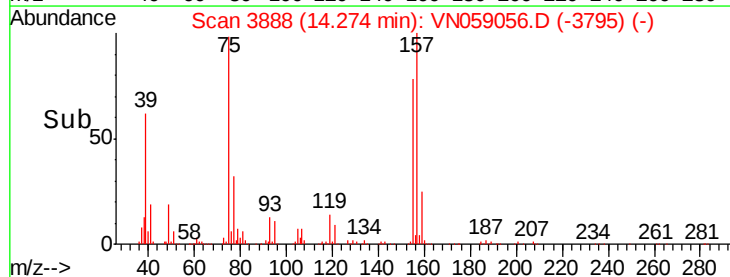
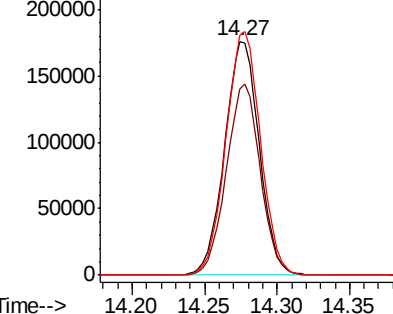


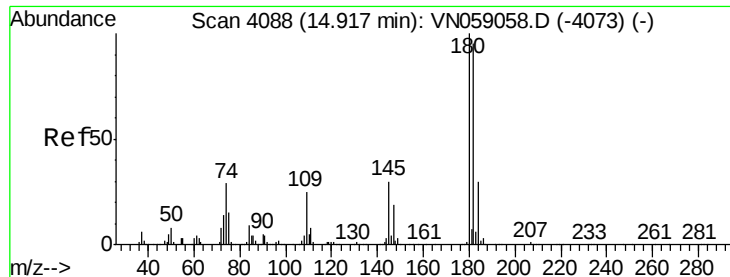
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 139.987 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN059056.D
 Acq: 1 Nov 2019 12:15

Tgt Ion: 75 Resp: 291153
 Ion Ratio Lower Upper
 75 100
 155 80.6 39.7 119.1
 157 104.3 51.0 153.0



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

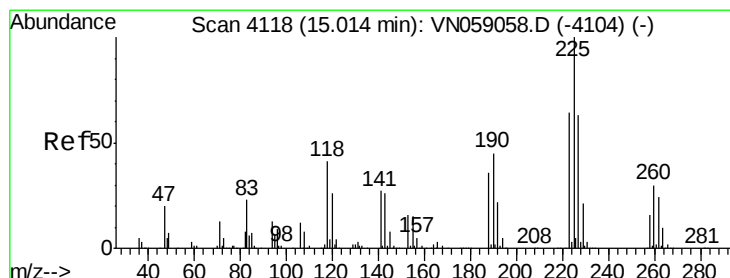
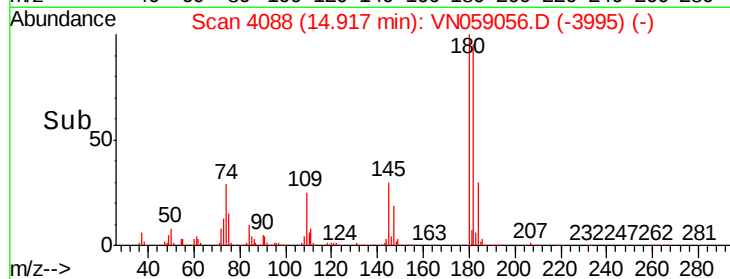
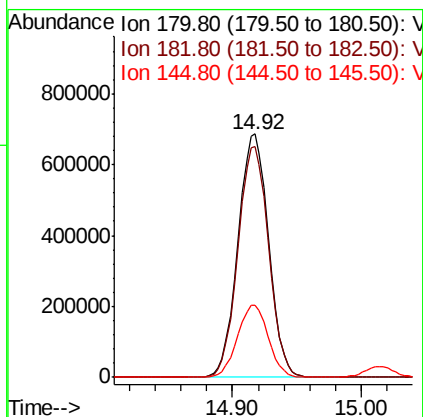
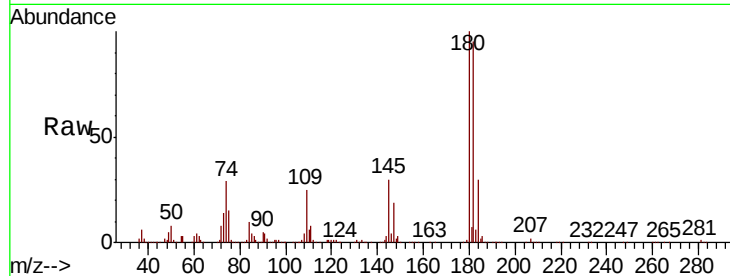




#93
 1,2,4-Trichlorobenzene
 Concen: 180.425 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN059056.D
 Acq: 1 Nov 2019 12:15

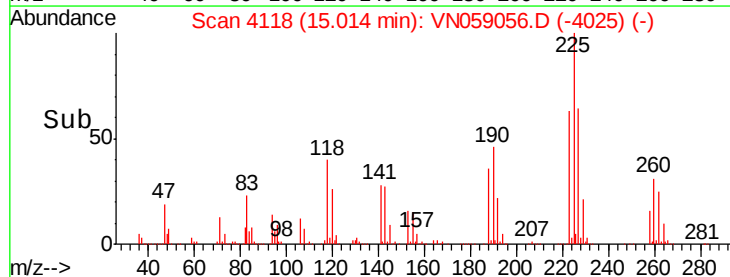
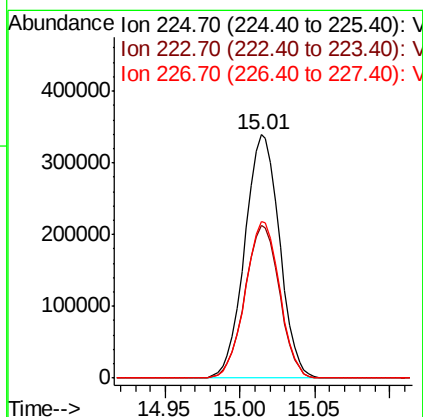
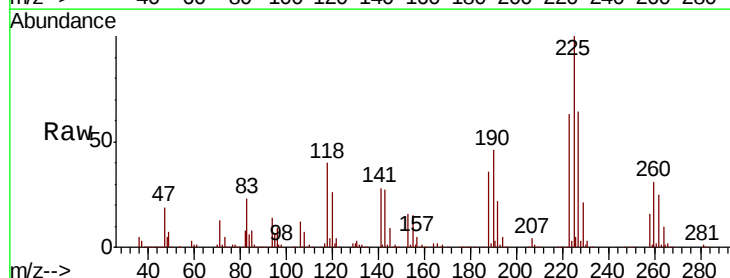
Instrument :
 MSVOA_N
 ClientSampled :

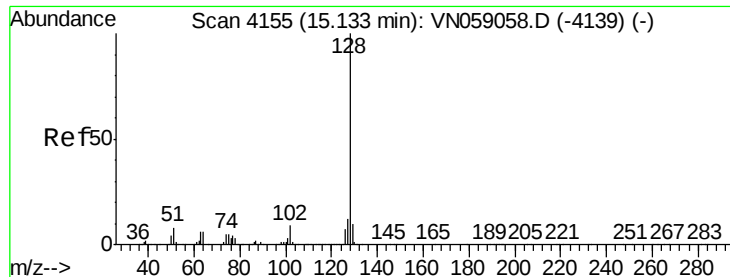
Tot Ion:180 Resp: 1131584
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.8 143.4
 145 29.8 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 147.045 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN059056.D
 Acq: 1 Nov 2019 12:15

Tgt Ion:225 Resp: 547363
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.6 95.0
 227 63.9 31.9 95.7

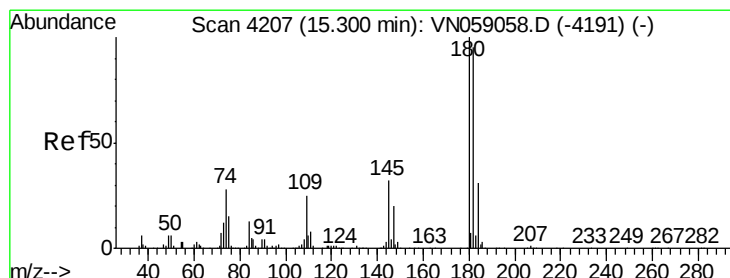
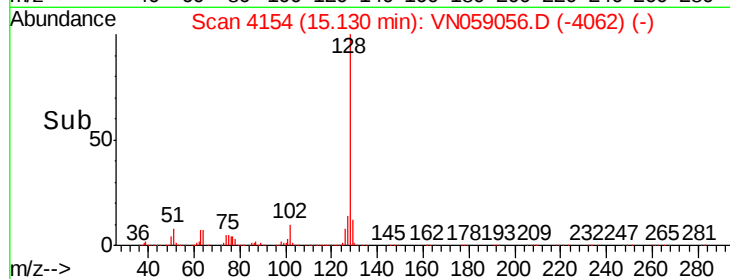
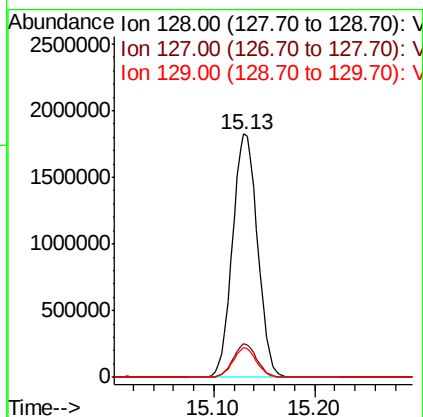
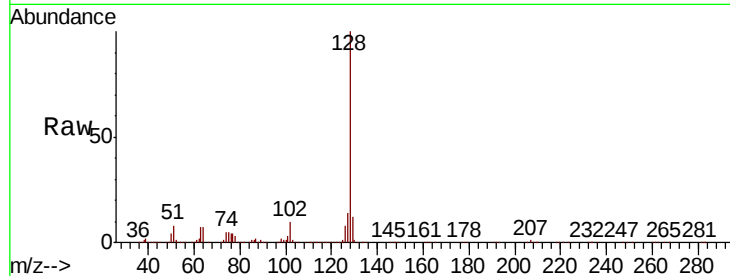




#95
Naphthalene
Concen: 181.045 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 3145237
Ion Ratio Lower Upper
128 100
127 13.1 9.9 14.9
129 11.5 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 177.611 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. 0.00 min
Lab File: VN059056.D
Acq: 1 Nov 2019 12:15

Tgt Ion:180 Resp: 1096251
Ion Ratio Lower Upper
180 100
182 95.6 47.7 143.1
145 31.8 16.0 48.0

