

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111919\
 Data File : VN059315.D
 Acq On : 19 Nov 2019 19:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 20 00:52:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	381341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	602695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	538532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	258444	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	210141	44.83	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.66%		
35) Dibromofluoromethane	7.57	113	172987	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.14%		
50) Toluene-d8	10.08	98	643096	45.37	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.74%		
62) 4-Bromofluorobenzene	12.40	95	244594	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.72%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	283680	73.833	ug/l	99
3) Chloromethane	2.04	50	329942	63.173	ug/l	99
4) Vinyl Chloride	2.17	62	349805	69.082	ug/l	99
5) Bromomethane	2.54	94	183221	62.878	ug/l	100
6) Chloroethane	2.68	64	177253	59.176	ug/l	98
7) Trichlorofluoromethane	3.00	101	348822	57.593	ug/l	100
8) Diethyl Ether	3.39	74	147697	60.016	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	216752	59.355	ug/l	99
10) Methyl Iodide	3.93	142	291442	64.476	ug/l	98
11) Tert butyl alcohol	4.75	59	243606	272.683	ug/l	99
12) 1,1-Dichloroethene	3.71	96	218517	61.427	ug/l	98
13) Acrolein	3.58	56	77107	167.405	ug/l	99
14) Allyl chloride	4.30	41	410903	56.233	ug/l	97
15) Acrylonitrile	4.95	53	662686	298.066	ug/l	99
16) Acetone	3.79	43	590883	242.396	ug/l	98
17) Carbon Disulfide	4.03	76	691544	62.624	ug/l	99
18) Methyl Acetate	4.29	43	371938	64.282	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	737965	60.255	ug/l	100
20) Methylene Chloride	4.52	84	246971	58.154	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	231731	60.688	ug/l	96
22) Diisopropyl ether	5.92	45	801130	58.044	ug/l	99
23) Vinyl Acetate	5.87	43	3198375	298.999	ug/l	99
24) 1,1-Dichloroethane	5.82	63	443208	57.493	ug/l	99
25) 2-Butanone	6.81	43	889321	276.813	ug/l	99
26) 2,2-Dichloropropane	6.80	77	371306	55.084	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	264262	59.653	ug/l	98
28) Bromochloromethane	7.17	49	110323	47.568	ug/l	97
29) Tetrahydrofuran	7.18	42	590114	289.079	ug/l	97
30) Chloroform	7.35	83	420066	56.804	ug/l	100
31) Cyclohexane	7.63	56	421618	57.773	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	365950	58.860	ug/l	99
36) 1,1-Dichloropropene	7.77	75	333217	59.150	ug/l	99
37) Ethyl Acetate	6.90	43	358203	57.157	ug/l	98
38) Carbon Tetrachloride	7.75	117	321356	57.313	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.07	83	408489	62.478	ug/l	98
40) Benzene	8.02	78	1004359	59.204	ug/l	100
41) Methacrylonitrile	7.18	41	508894	186.738	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	330227	56.757	ug/l	99
43) Isopropyl Acetate	8.15	43	569795	57.029	ug/l	98
44) Trichloroethene	8.82	130	248739	59.648	ug/l	98
45) 1,2-Dichloropropane	9.10	63	266354	57.805	ug/l	100
46) Dibromomethane	9.19	93	163941	57.096	ug/l	99
47) Bromodichloromethane	9.39	83	330806	57.696	ug/l	99
48) Methyl methacrylate	9.18	41	259617	58.092	ug/l	97
49) 1,4-Dioxane	9.18	88	83502	1051.377	ug/l	95
51) 4-Methyl-2-Pentanone	9.97	43	1748513	309.291	ug/l	99
52) Toluene	10.15	92	610108	60.003	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	384446	58.037	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	421267	59.121	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	235083	57.128	ug/l	99
56) Ethyl methacrylate	10.42	69	383037	55.591	ug/l	98
57) 1,3-Dichloropropane	10.70	76	410457	57.954	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	642074	280.367	ug/l	99
59) 2-Hexanone	10.75	43	1287440	296.702	ug/l	98
60) Dibromochloromethane	10.90	129	253798	58.334	ug/l	100
61) 1,2-Dibromoethane	11.00	107	249139	59.807	ug/l	99
64) Tetrachloroethene	10.63	164	226913	61.965	ug/l	99
65) Chlorobenzene	11.43	112	629971	60.008	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	231713	58.839	ug/l	99
67) Ethyl Benzene	11.51	91	1161451	62.357	ug/l	98
68) m/p-Xylenes	11.62	106	870796	124.808	ug/l	99
69) o-Xylene	11.95	106	417111	61.862	ug/l	98
70) Styrene	11.96	104	674032	63.562	ug/l	99
71) Bromoform	12.13	173	184379	60.192	ug/l #	100
73) Isopropylbenzene	12.25	105	1113302	59.220	ug/l	100
74) N-amyl acetate	12.07	43	469095	58.887	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	359368	56.133	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	479832	81.550	ug/l #	100
77) Bromobenzene	12.53	156	263787	55.849	ug/l	99
78) n-propylbenzene	12.59	91	1302316	60.502	ug/l	100
79) 2-Chlorotoluene	12.67	91	768996	57.589	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	940778	59.058	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	128997	57.907	ug/l	97
82) 4-Chlorotoluene	12.77	91	785113	58.621	ug/l	100
83) tert-Butylbenzene	12.99	119	801991	58.299	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	939991	60.991	ug/l	99
85) sec-Butylbenzene	13.17	105	1088382	60.834	ug/l	100
86) p-Isopropyltoluene	13.29	119	981896	62.156	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	468668	57.946	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	464689	57.424	ug/l	99
89) n-Butylbenzene	13.62	91	863733	62.470	ug/l	100
90) Hexachloroethane	13.88	117	174720	55.080	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	457069	57.448	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	69884	54.711	ug/l	96

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Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration

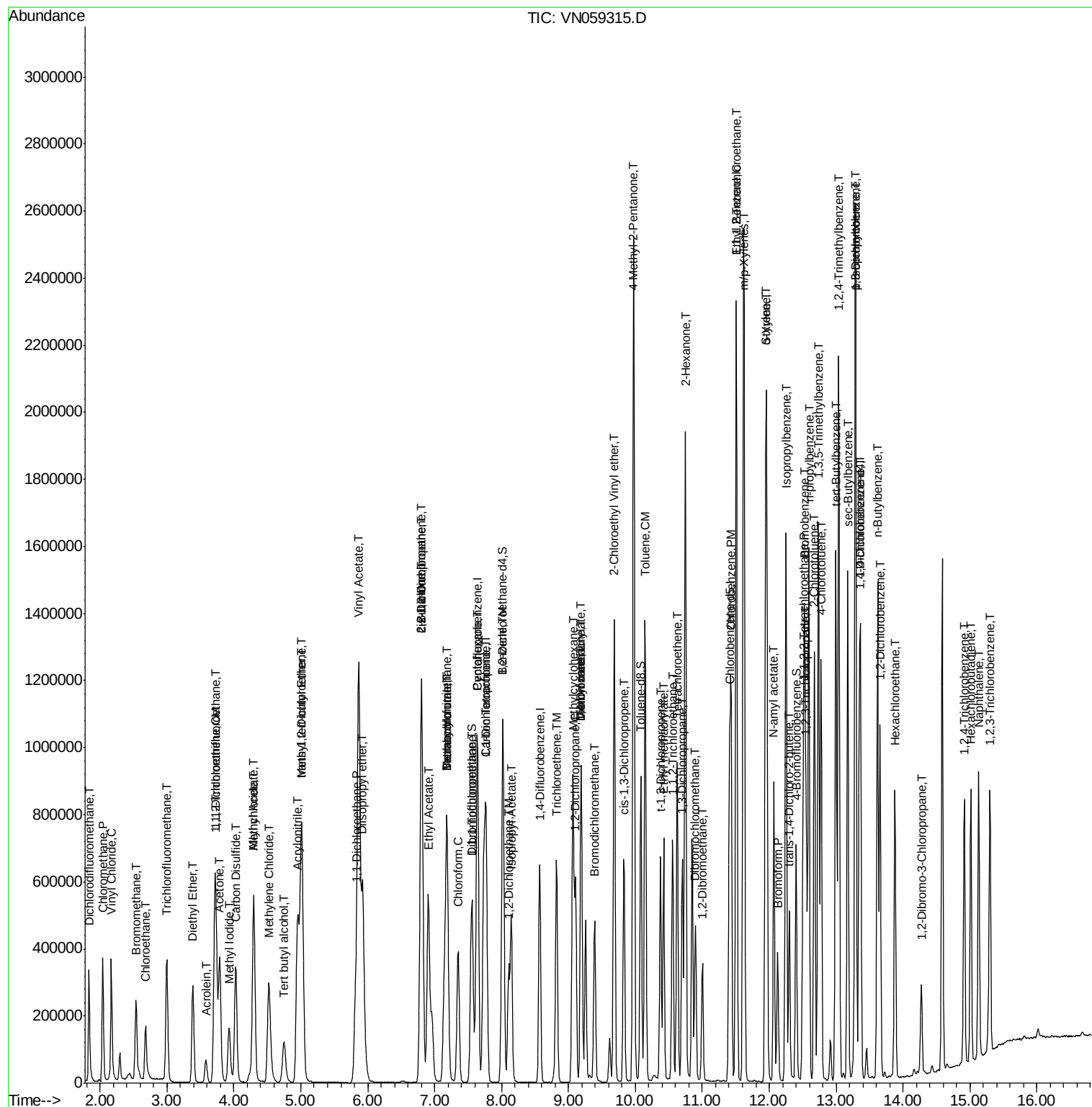
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	259575	53.544	ug/l	99
94) Hexachlorobutadiene	15.01	225	160240	58.411	ug/l	98
95) Naphthalene	15.13	128	701587	52.241	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	252868	56.712	ug/l	99

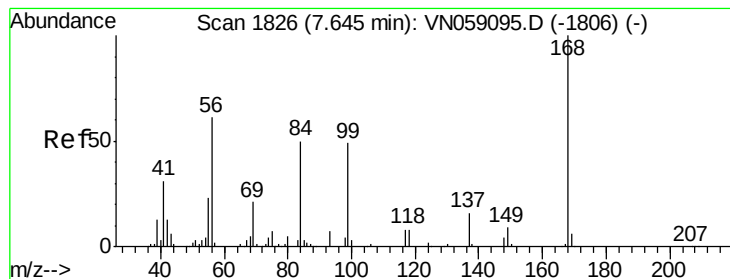
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

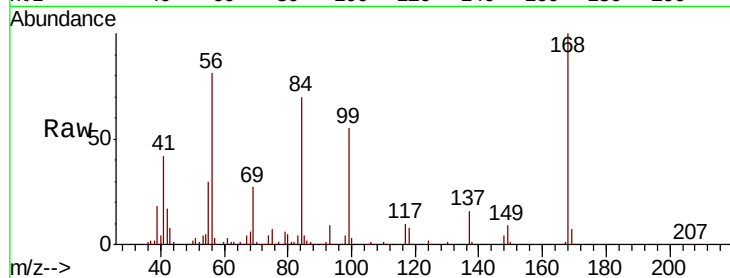
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 381341

Ion Ratio Lower Upper

168 100

99 55.0 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

150000

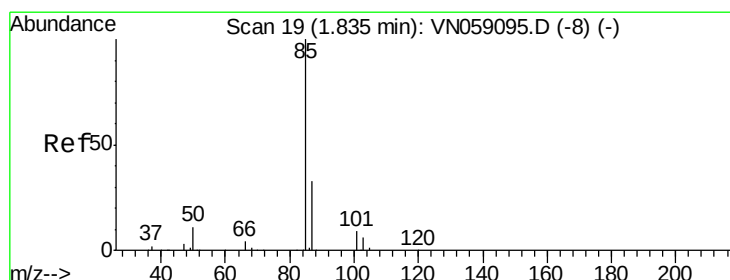
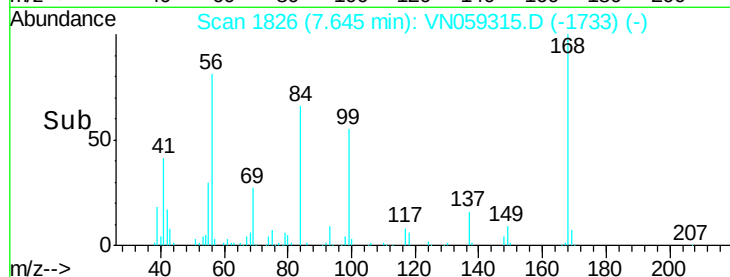
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 73.833 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059315.D

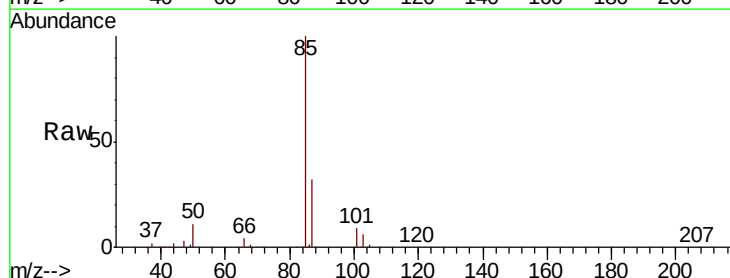
Acq: 19 Nov 2019 19:04

Tgt Ion: 85 Resp: 283680

Ion Ratio Lower Upper

85 100

87 32.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

200000

150000

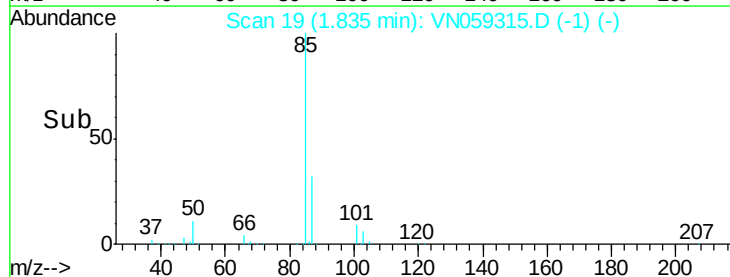
100000

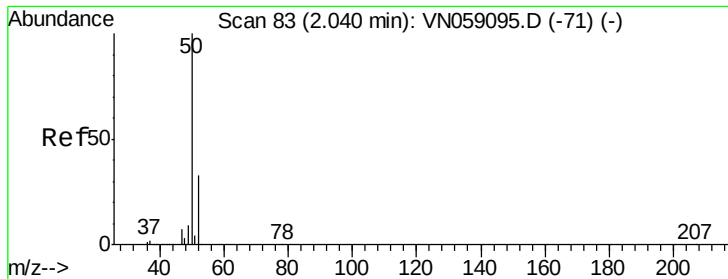
50000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 63.173 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

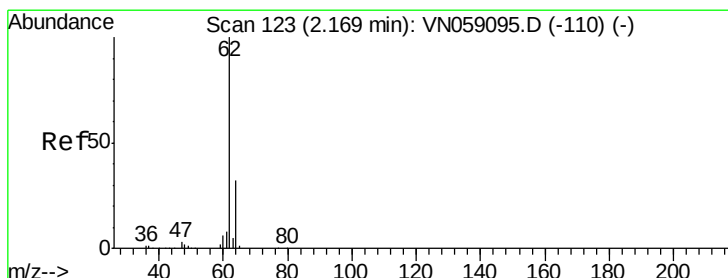
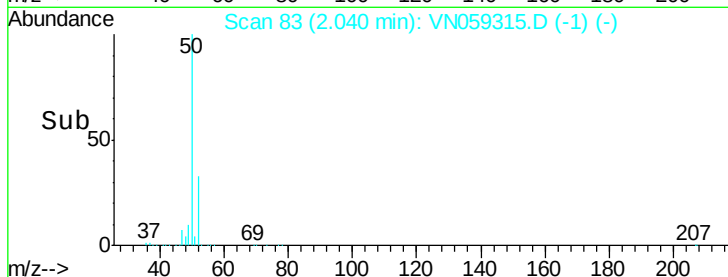
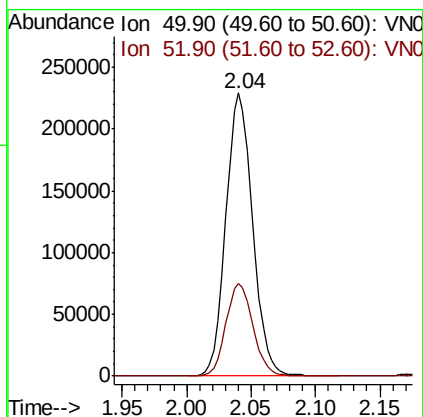
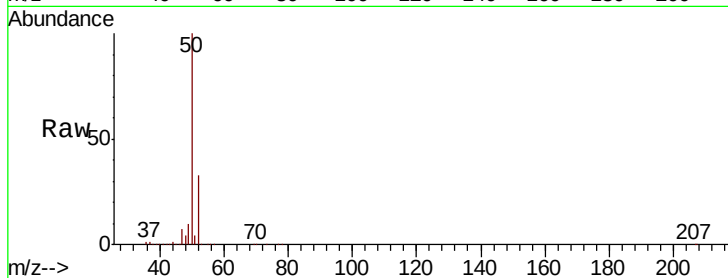
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 50 Resp: 329942

Ion Ratio Lower Upper

50 100

52 33.0 26.0 39.0



#4

Vinyl Chloride

Concen: 69.082 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059315.D

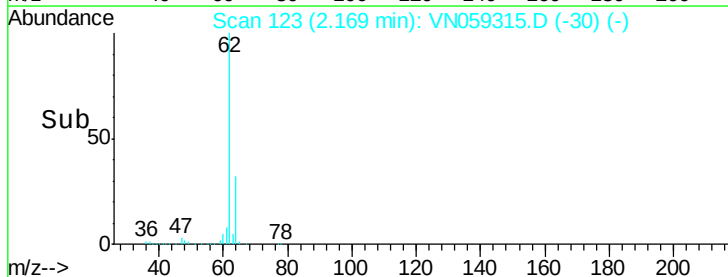
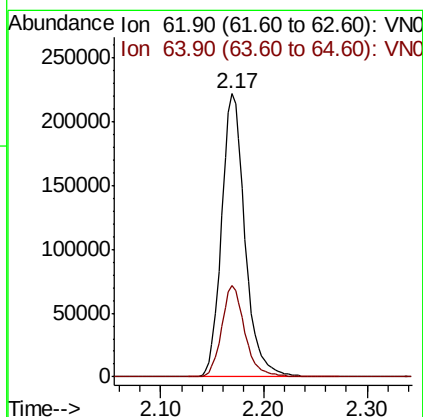
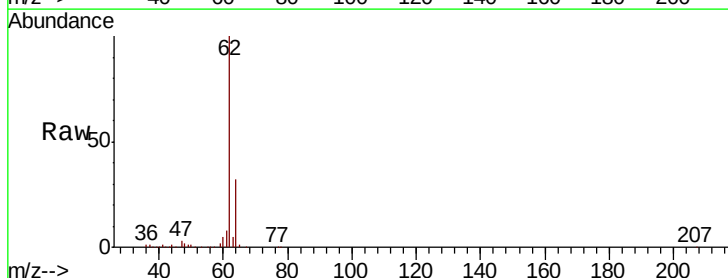
Acq: 19 Nov 2019 19:04

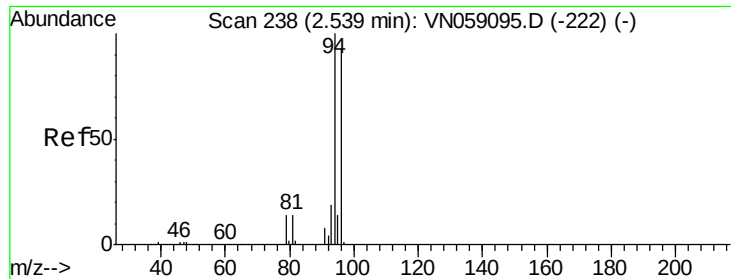
Tgt Ion: 62 Resp: 349805

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.2





#5

Bromomethane

Concen: 62.878 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

Instrument :

MSVOA_N

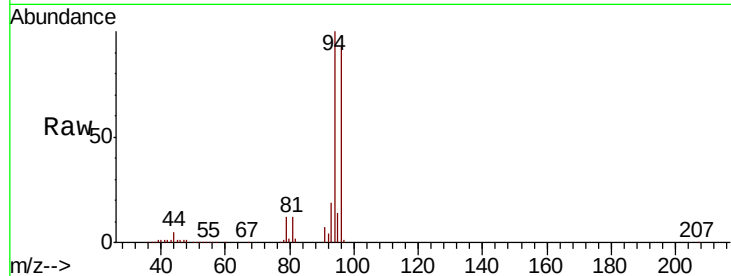
ClientSampleId :

Tot Ion: 94 Resp: 183221

Ion Ratio Lower Upper

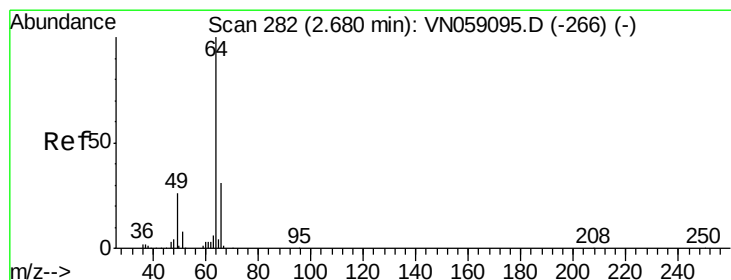
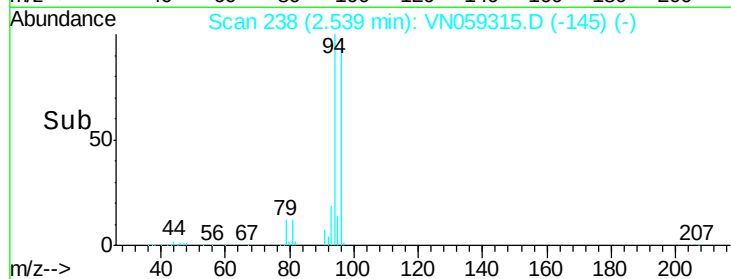
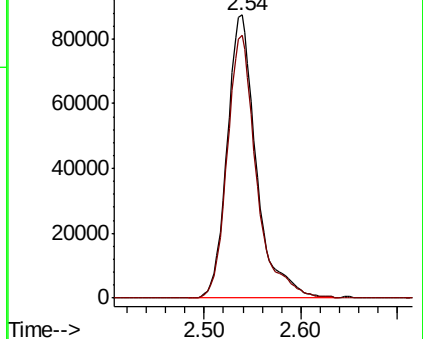
94 100

96 92.9 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 59.176 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN059315.D

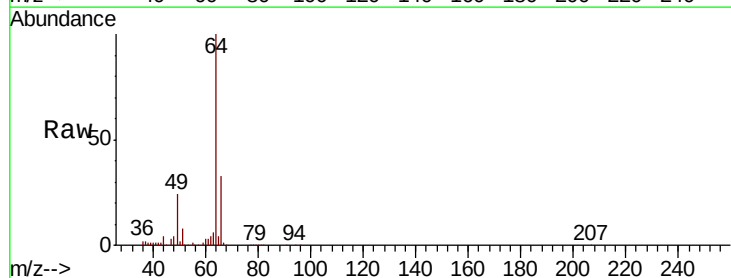
Acq: 19 Nov 2019 19:04

Tgt Ion: 64 Resp: 177253

Ion Ratio Lower Upper

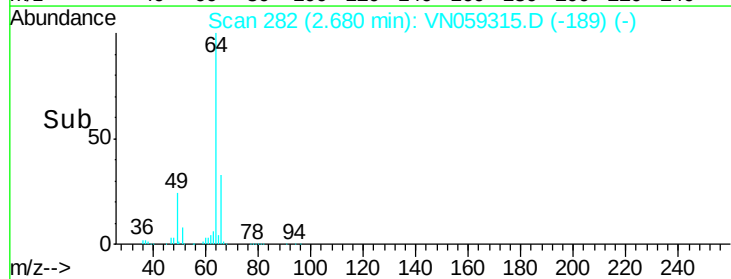
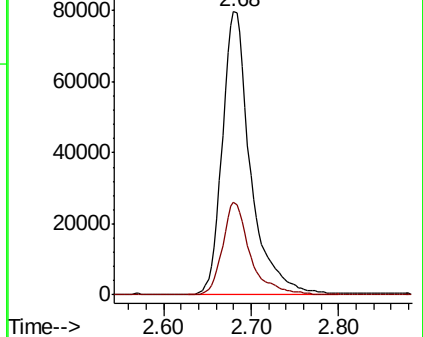
64 100

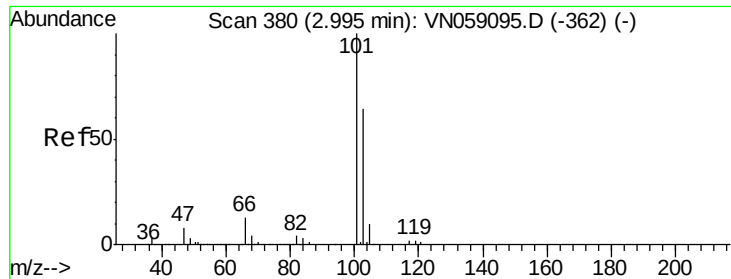
66 32.6 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



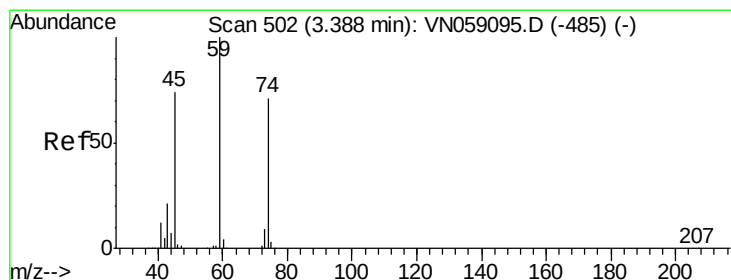
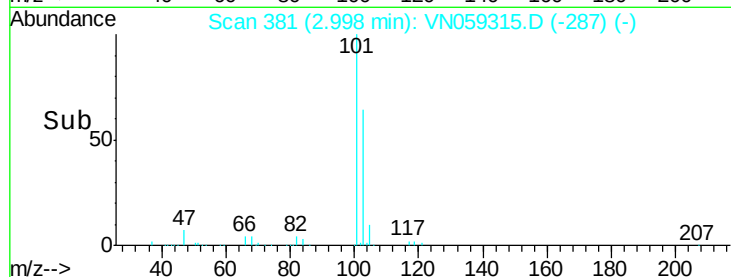
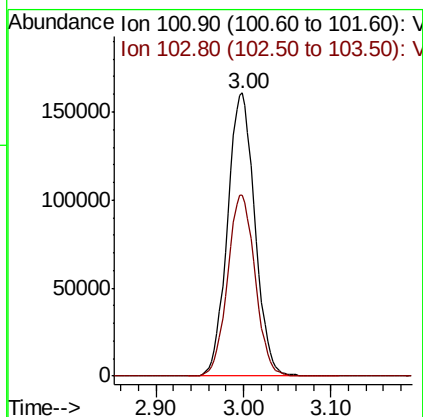
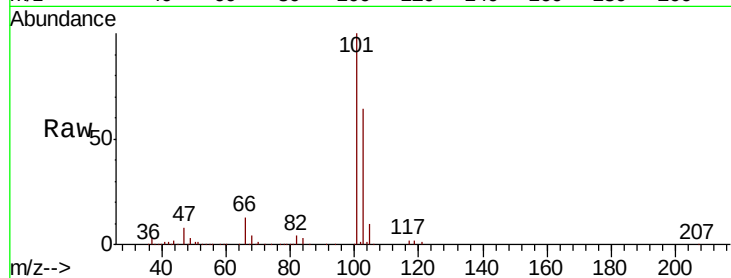


#7

Trichlorofluoromethane
Concen: 57.593 ug/l
RT: 3.00 min Scan# 381
Delta R.T. 0.00 min
Lab File: VN059315.D
Acq: 19 Nov 2019 19:04

Instrument :
MSVOA_N
ClientSampled :

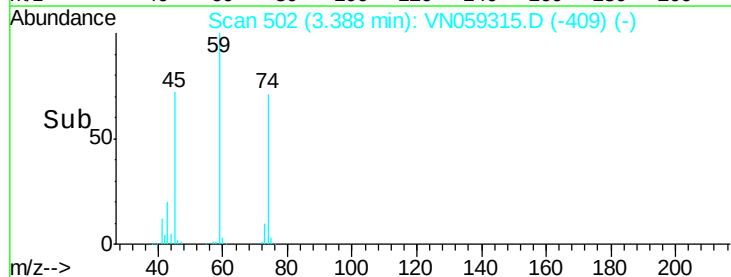
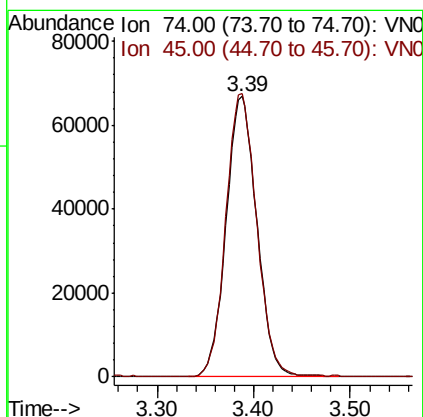
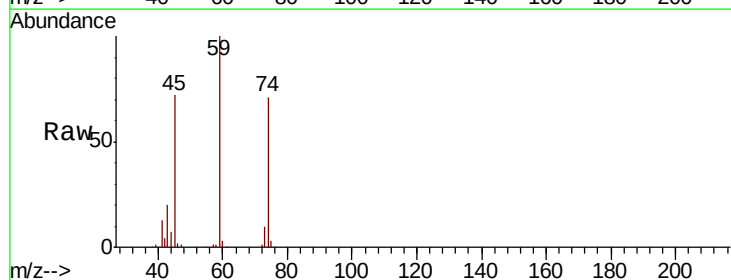
Tot Ion:101 Resp: 348822
Ion Ratio Lower Upper
101 100
103 64.1 51.2 76.8

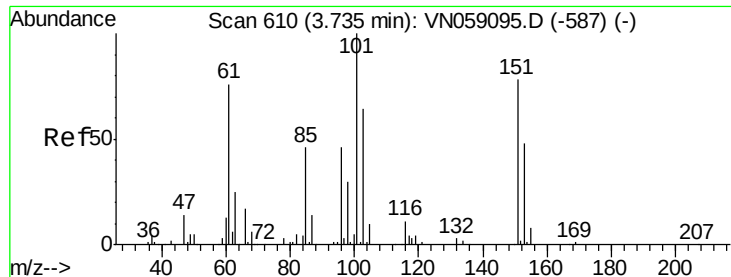


#8

Diethyl Ether
Concen: 60.016 ug/l
RT: 3.39 min Scan# 502
Delta R.T. -0.00 min
Lab File: VN059315.D
Acq: 19 Nov 2019 19:04

Tgt Ion: 74 Resp: 147697
Ion Ratio Lower Upper
74 100
45 101.2 51.6 154.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 59.355 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

Instrument :

MSVOA_N

ClientSampled :

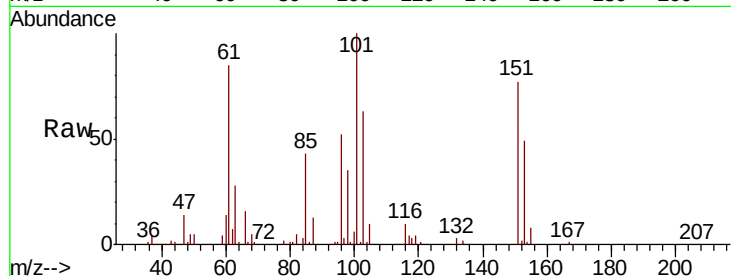
Tot Ion:101 Resp: 216752

Ion Ratio Lower Upper

101 100

85 43.6 35.5 53.3

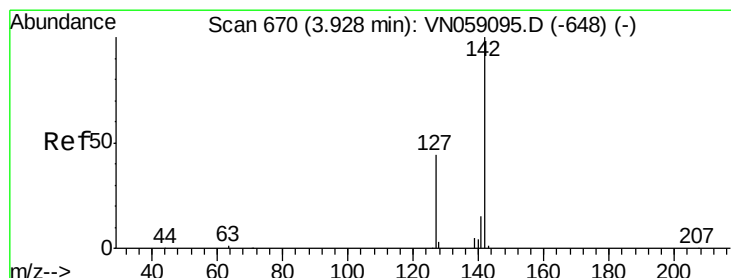
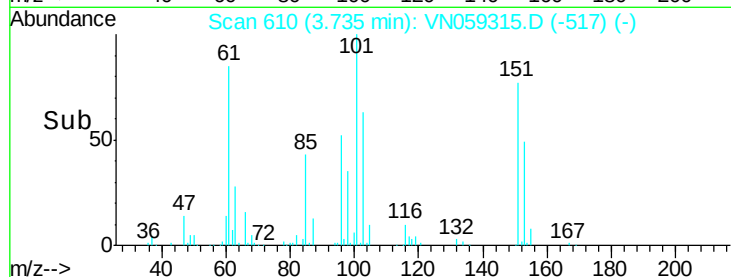
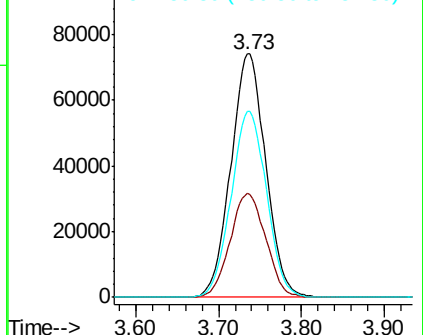
151 77.6 62.2 93.2



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: 64.476 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

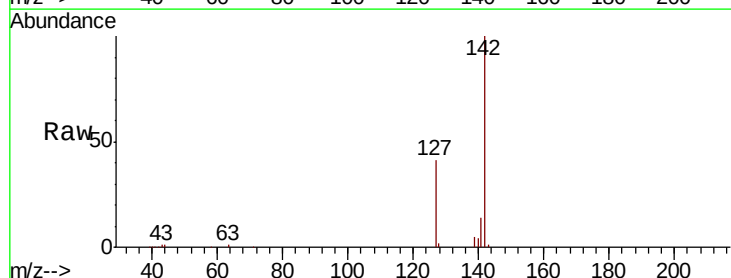
Tgt Ion:142 Resp: 291442

Ion Ratio Lower Upper

142 100

127 41.1 34.2 51.2

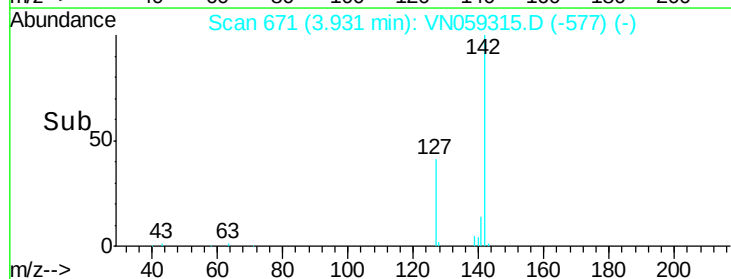
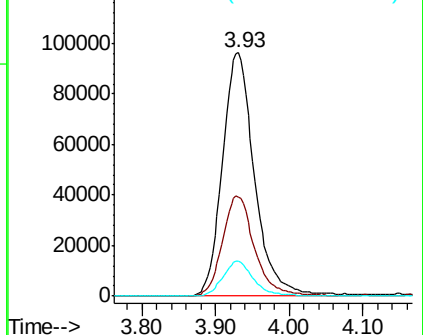
141 13.8 11.4 17.0

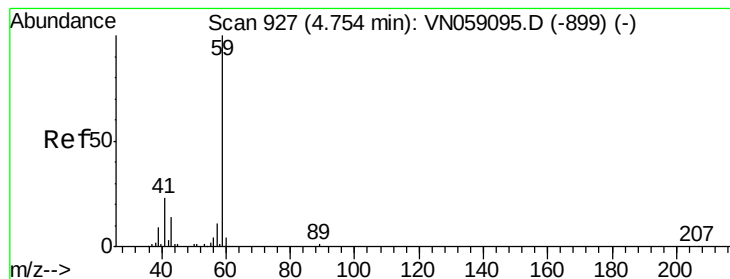


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



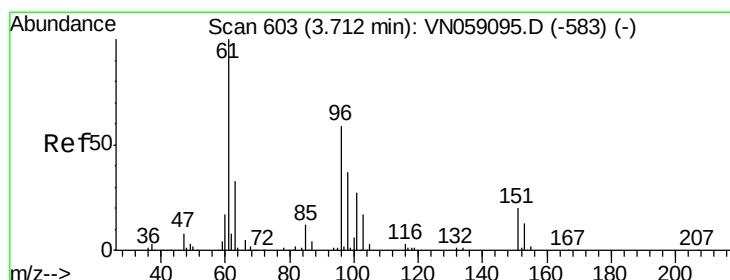
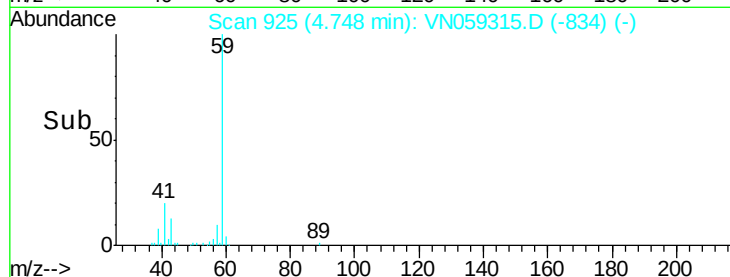
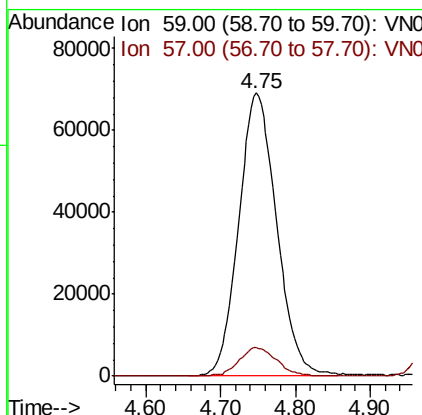
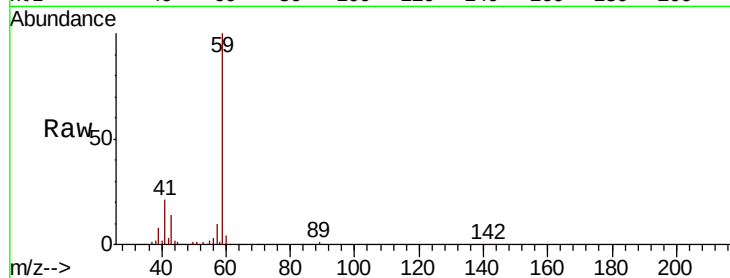


#11

Tert butyl alcohol
 Concen: 272.683 ug/l
 RT: 4.75 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: VN059315.D
 Acq: 19 Nov 2019 19:04

Instrument :
 MSVOA_N
 ClientSampleId :

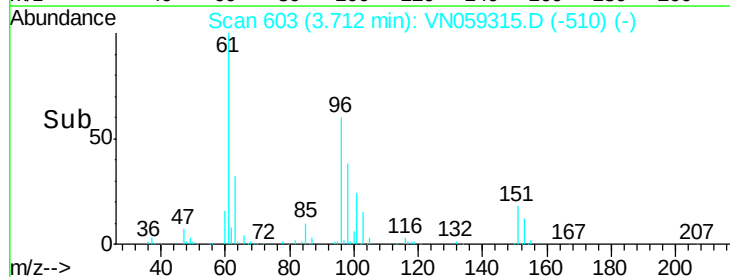
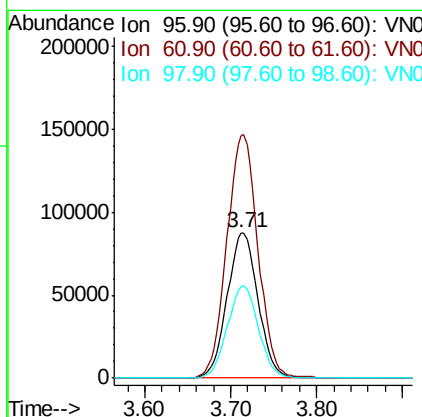
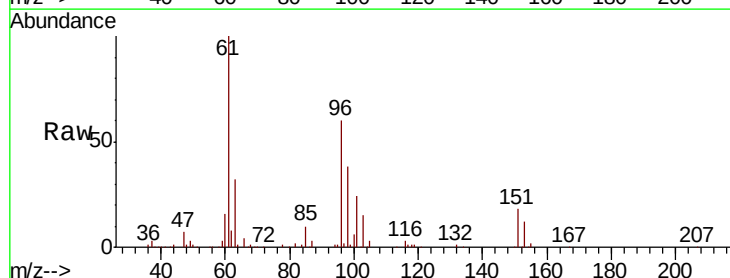
Tot Ion: 59 Resp: 243606
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.3 12.5

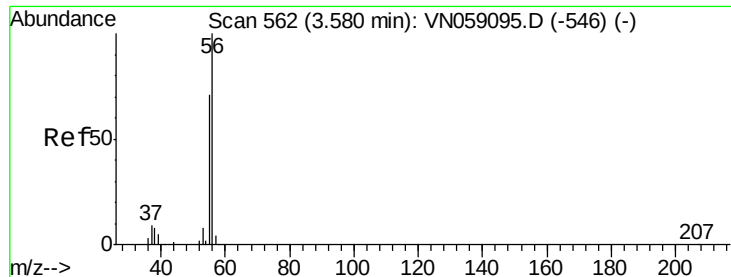


#12

1,1-Dichloroethene
 Concen: 61.427 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN059315.D
 Acq: 19 Nov 2019 19:04

Tgt Ion: 96 Resp: 218517
 Ion Ratio Lower Upper
 96 100
 61 167.1 136.5 204.7
 98 62.9 50.2 75.4





#13

Acrolein

Concen: 167.405 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

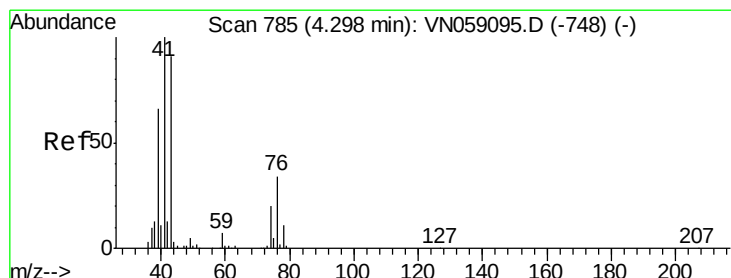
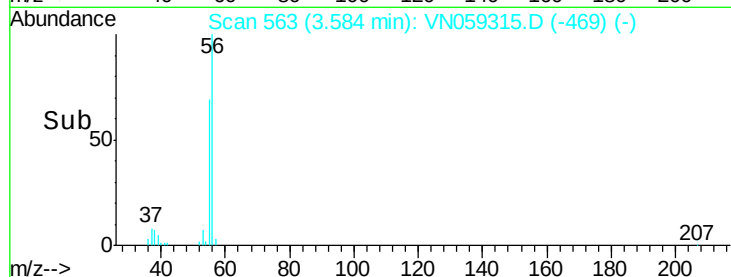
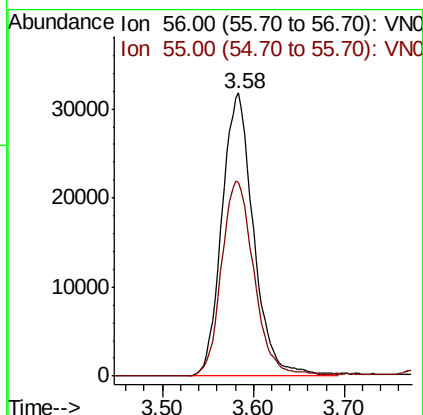
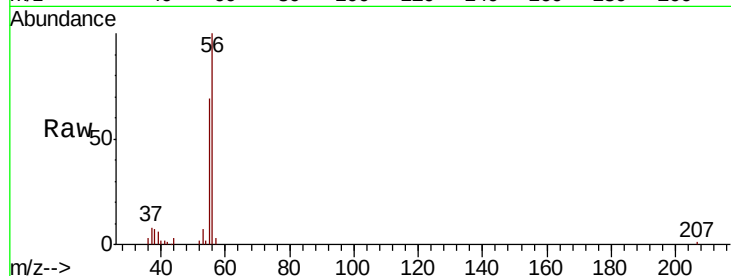
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 77107

Ion Ratio Lower Upper

56 100

55 70.0 56.4 84.6



#14

Allyl chloride

Concen: 56.233 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

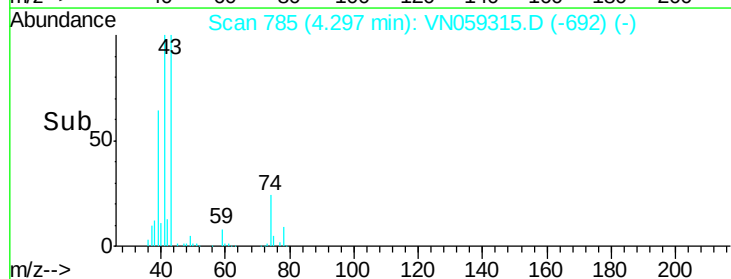
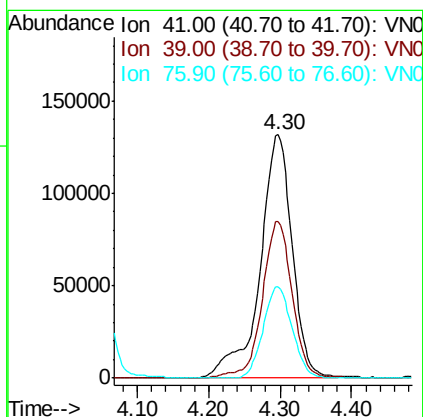
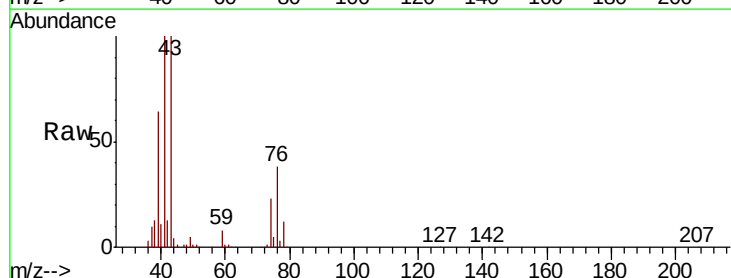
Tgt Ion: 41 Resp: 410903

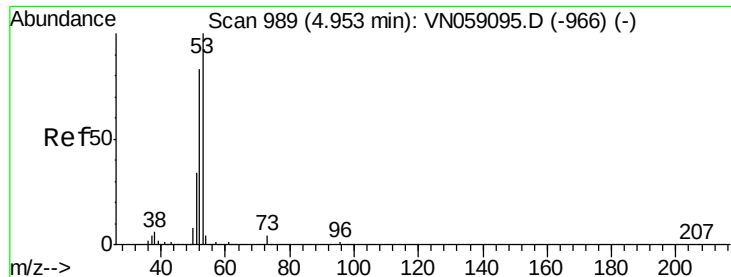
Ion Ratio Lower Upper

41 100

39 59.6 49.1 73.7

76 33.5 24.9 37.3





#15

Acrylonitrile

Concen: 298.066 ug/l

RT: 4.95 min Scan# 988

Delta R.T. -0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

Instrument :

MSVOA_N

ClientSampled :

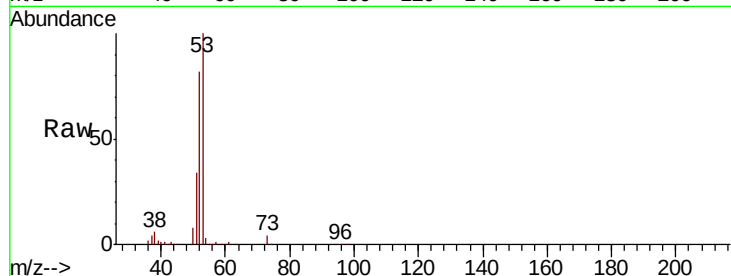
Tot Ion: 53 Resp: 662686

Ion Ratio Lower Upper

53 100

52 80.9 65.0 97.6

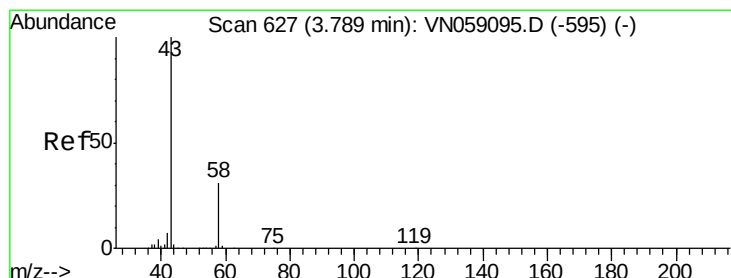
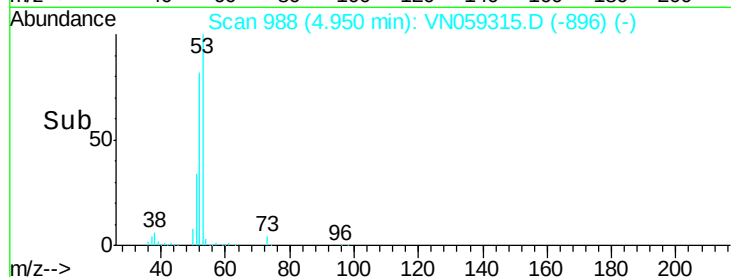
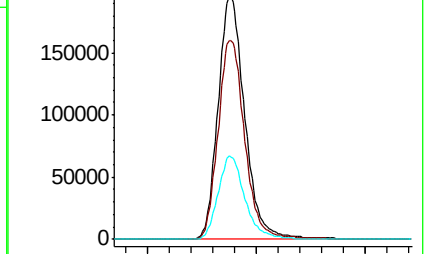
51 34.5 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VN059315.D (-966) (-)

Ion 52.00 (51.70 to 52.70): VN059315.D (-966) (-)

Ion 51.00 (50.70 to 51.70): VN059315.D (-966) (-)



#16

Acetone

Concen: 242.396 ug/l

RT: 3.79 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN059315.D

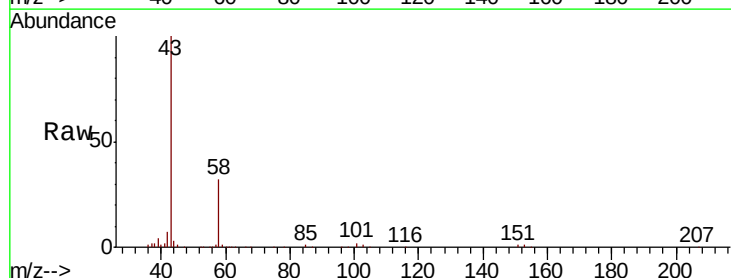
Acq: 19 Nov 2019 19:04

Tgt Ion: 43 Resp: 590883

Ion Ratio Lower Upper

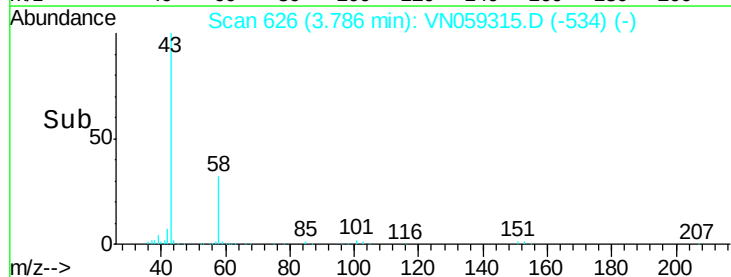
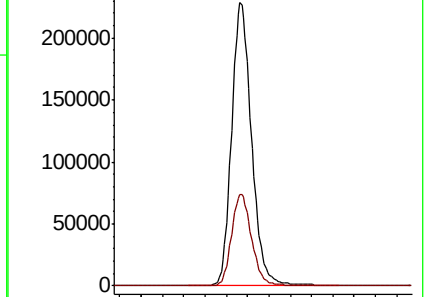
43 100

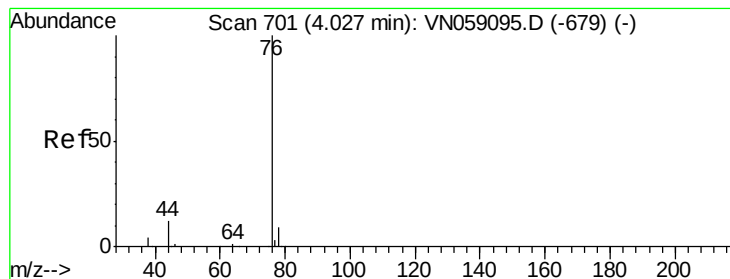
58 32.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN059315.D (-534) (-)

Ion 58.00 (57.70 to 58.70): VN059315.D (-534) (-)





#17

Carbon Disulfide

Concen: 62.624 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

Instrument :

MSVOA_N

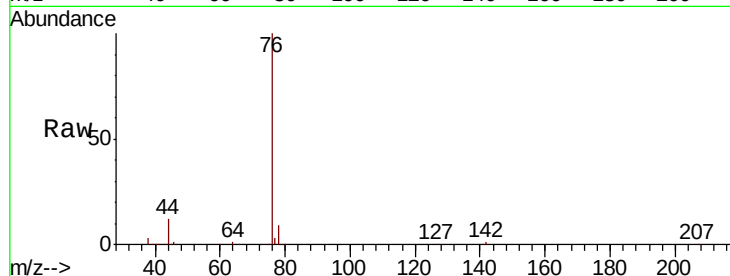
ClientSampled :

Tot Ion: 76 Resp: 691544

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.03

250000

200000

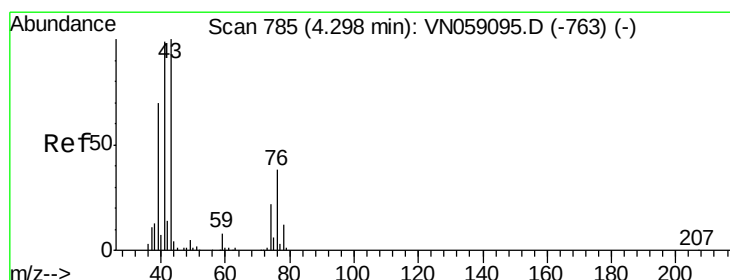
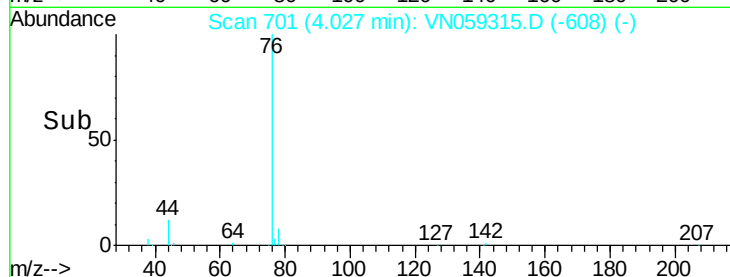
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 64.282 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059315.D

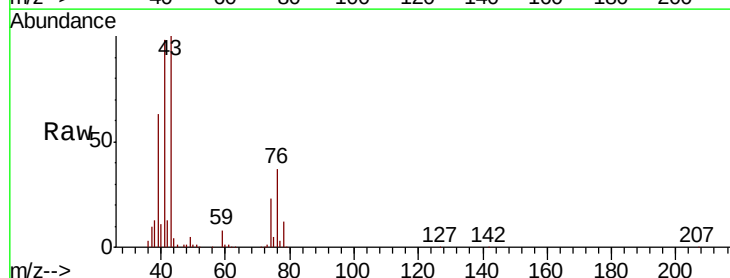
Acq: 19 Nov 2019 19:04

Tgt Ion: 43 Resp: 371938

Ion Ratio Lower Upper

43 100

74 23.5 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.29

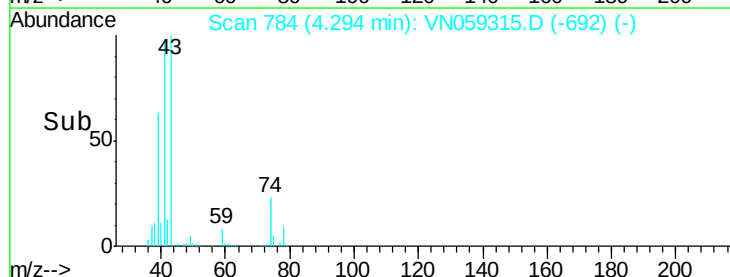
150000

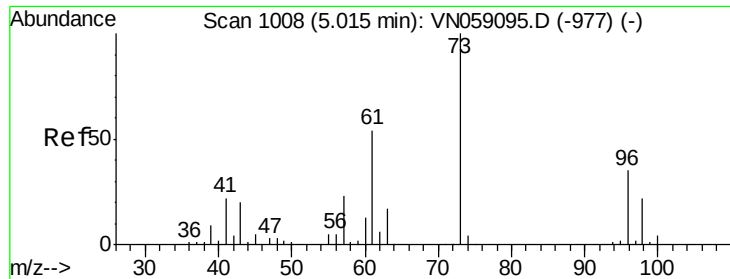
100000

50000

0

Time-->

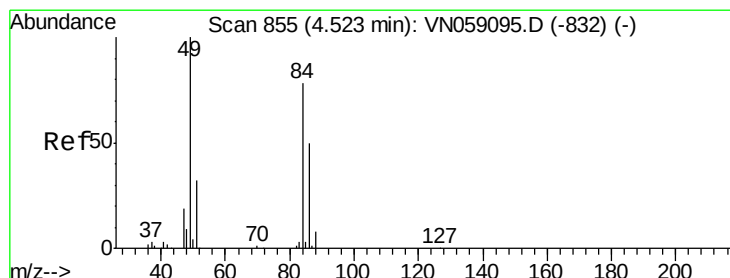
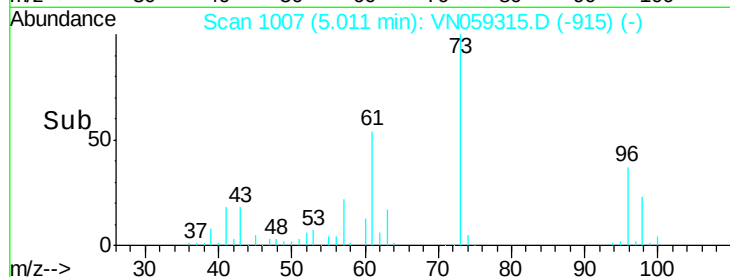
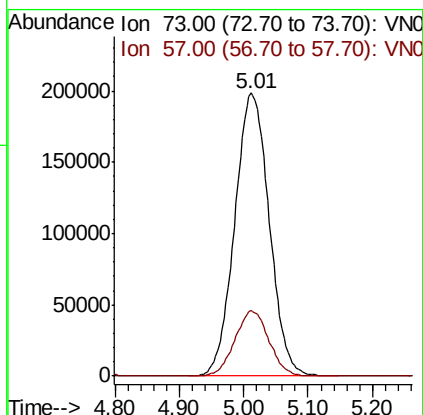
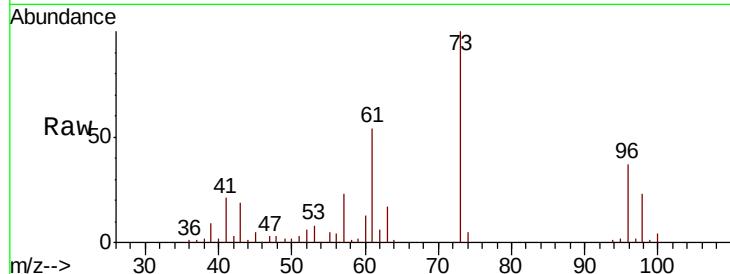




#19
Methyl tert-butyl Ether
Concen: 60.255 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059315.D
Acq: 19 Nov 2019 19:04

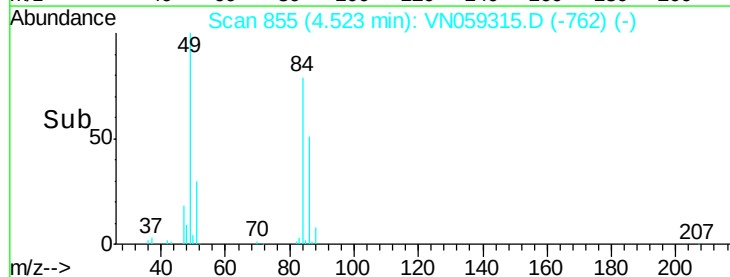
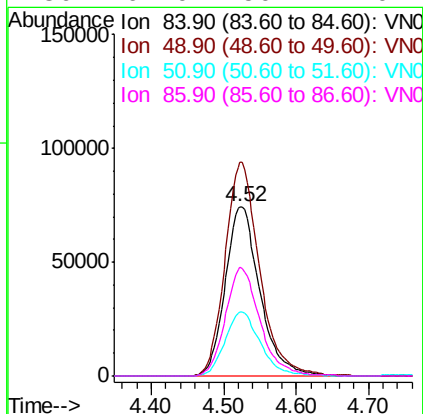
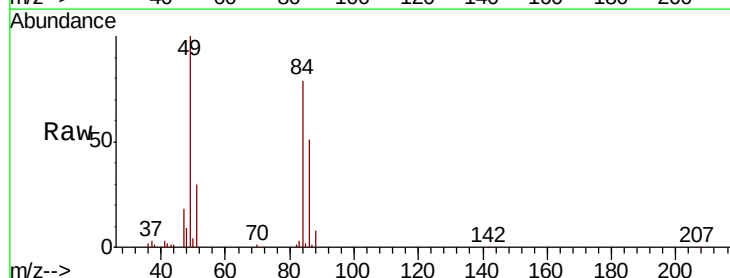
Instrument :
MSVOA_N
ClientSampled :

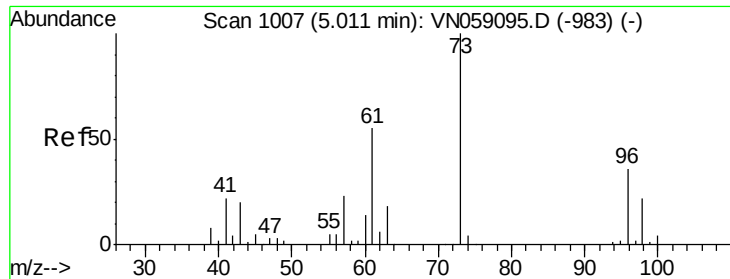
Tot Ion: 73 Resp: 737965
Ion Ratio Lower Upper
73 100
57 23.1 18.4 27.6



#20
Methylene Chloride
Concen: 58.154 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN059315.D
Acq: 19 Nov 2019 19:04

Tgt Ion: 84 Resp: 246971
Ion Ratio Lower Upper
84 100
49 126.2 102.0 153.0
51 37.5 32.2 48.2
86 64.0 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 60.688 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

Instrument :
MSVOA_N
ClientSampled :

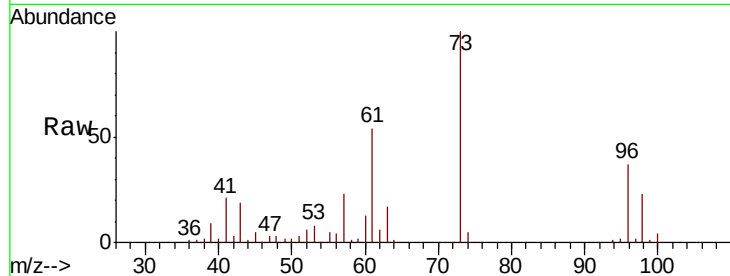
Tot Ion: 96 Resp: 231731

Ion Ratio Lower Upper

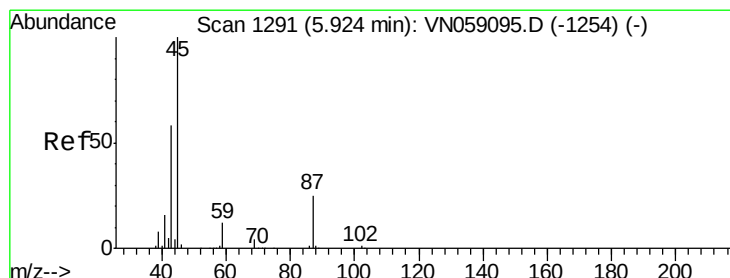
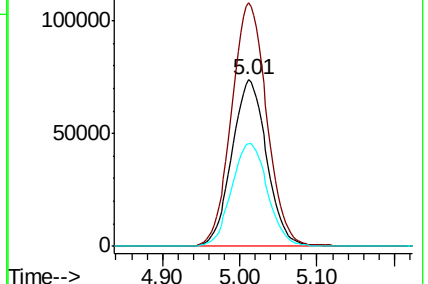
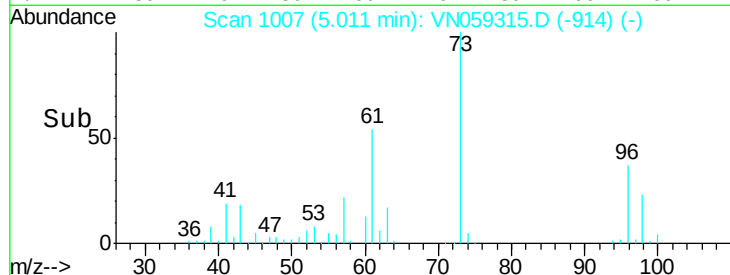
96 100

61 146.1 122.6 183.8

98 62.0 50.3 75.5



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: 58.044 ug/l

RT: 5.92 min Scan# 1291

Delta R.T. -0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

Tgt Ion: 45 Resp: 801130

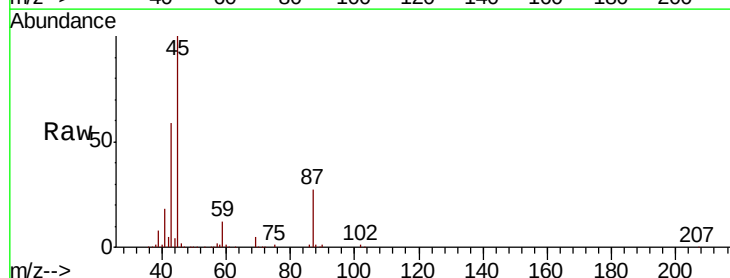
Ion Ratio Lower Upper

45 100

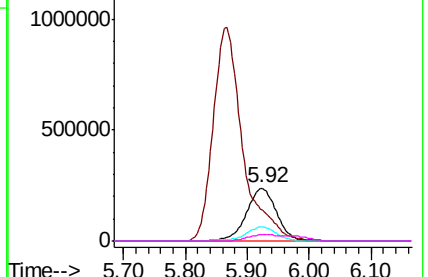
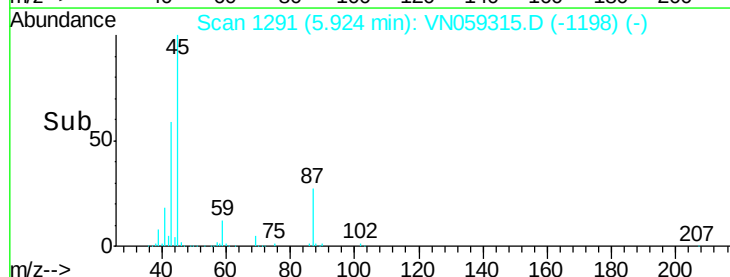
43 58.1 46.7 70.1

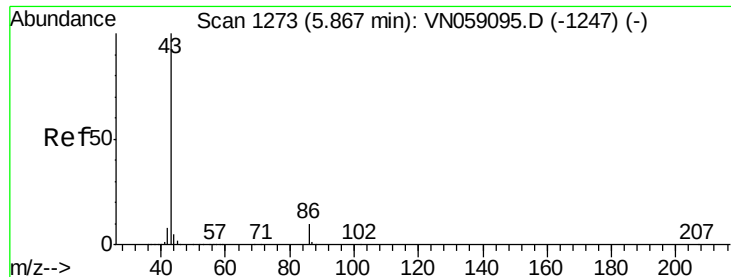
87 27.0 20.5 30.7

59 11.9 9.6 14.4



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: 298.999 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

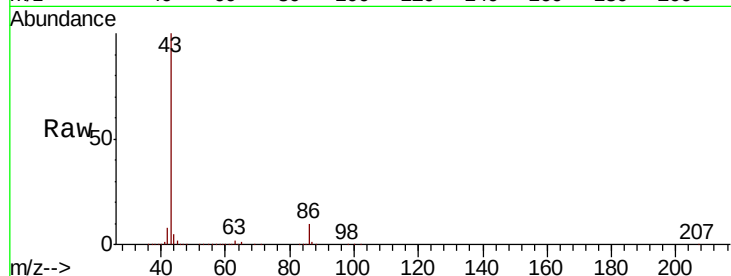
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 3198375

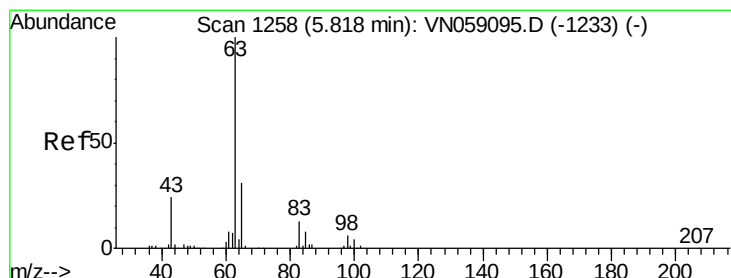
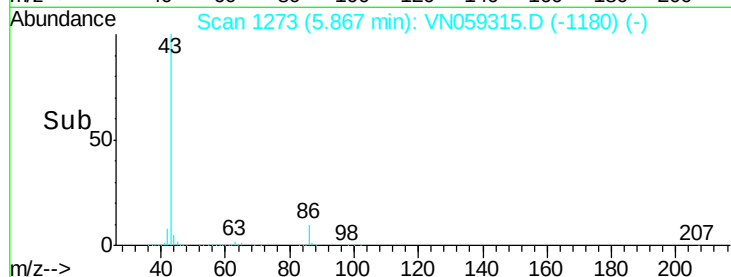
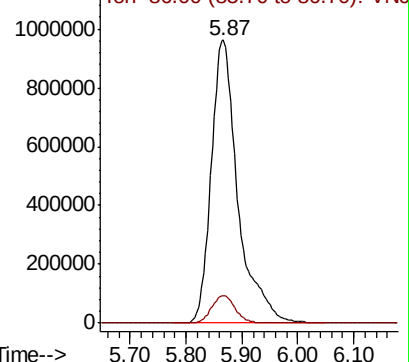
Ion Ratio Lower Upper

43 100

86 9.9 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN059315.D (-1180) (-)



#24

1,1-Dichloroethane

Concen: 57.493 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

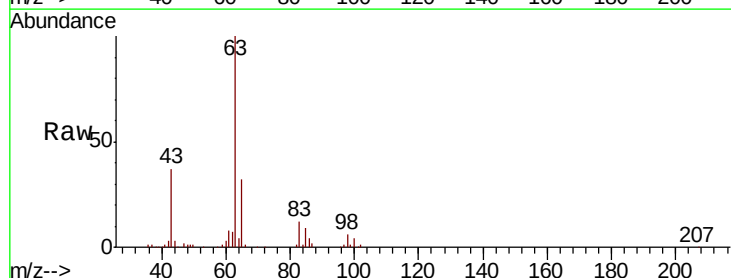
Tgt Ion: 63 Resp: 443208

Ion Ratio Lower Upper

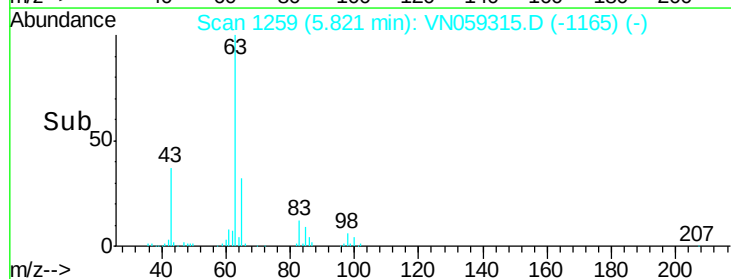
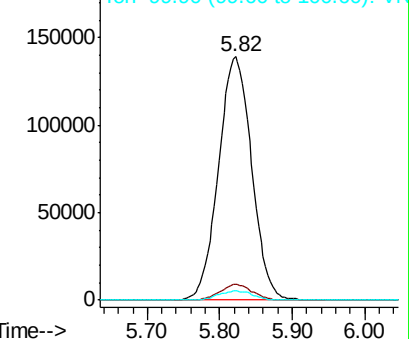
63 100

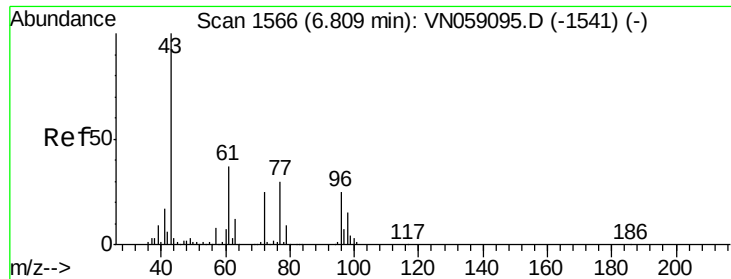
98 6.3 2.8 8.4

100 3.7 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN059315.D (-1165) (-)

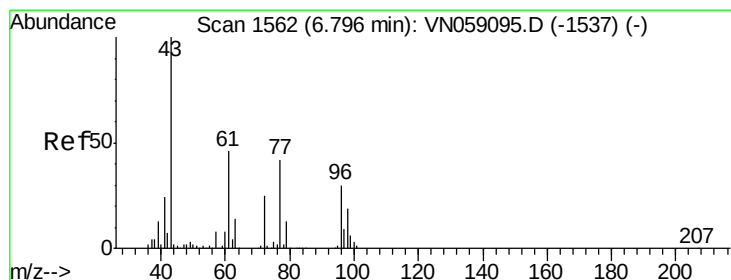
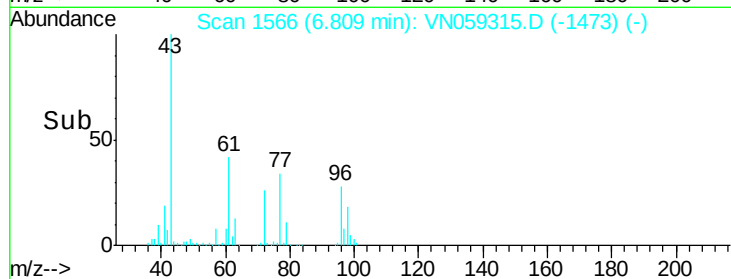
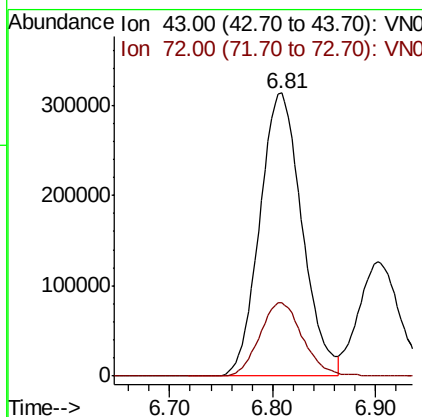
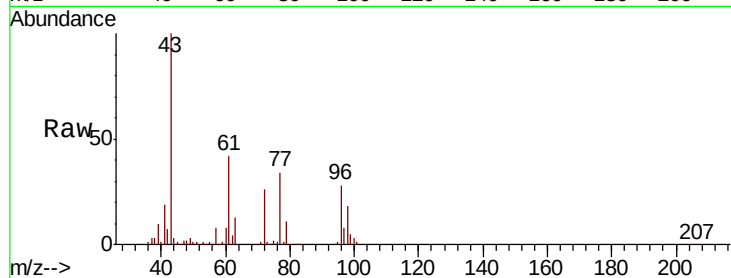




#25
 2-Butanone
 Concen: 276.813 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: VN059315.D
 Acq: 19 Nov 2019 19:04

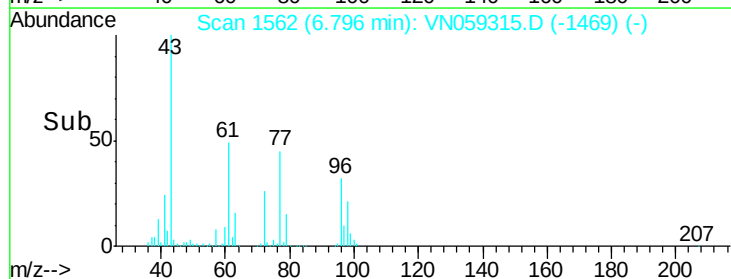
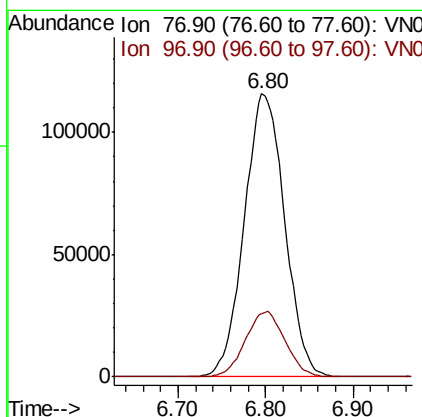
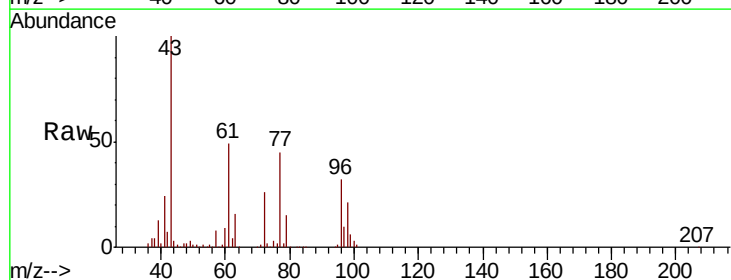
Instrument :
 MSVOA_N
 ClientSampled :

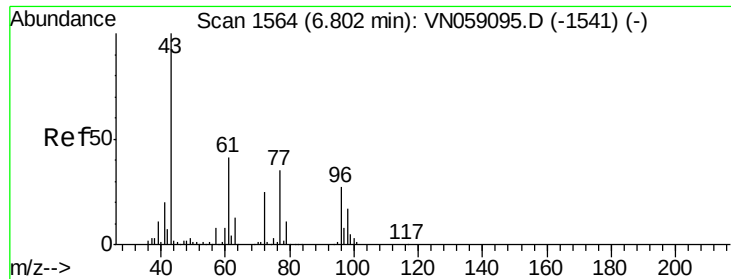
Tot Ion: 43 Resp: 889321
 Ion Ratio Lower Upper
 43 100
 72 26.0 20.3 30.5



#26
 2,2-Dichloropropane
 Concen: 55.084 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: VN059315.D
 Acq: 19 Nov 2019 19:04

Tgt Ion: 77 Resp: 371306
 Ion Ratio Lower Upper
 77 100
 97 22.7 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 59.653 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

Instrument :
MSVOA_N
ClientSampleId :

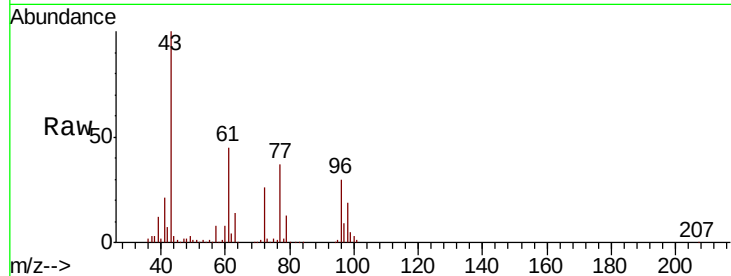
Tot Ion: 96 Resp: 264262

Ion Ratio Lower Upper

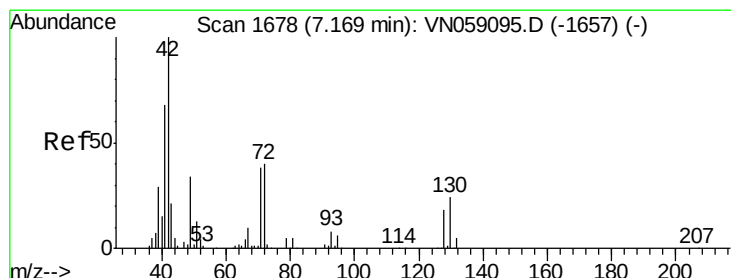
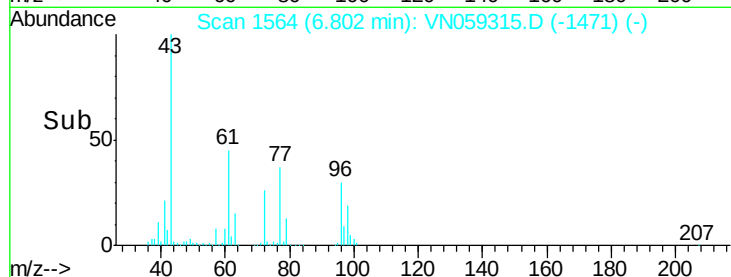
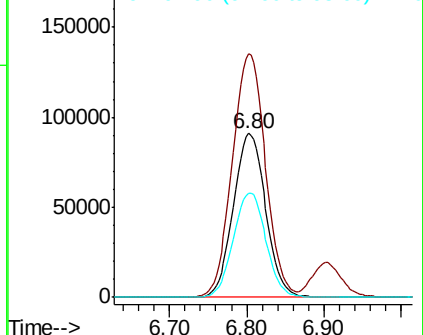
96 100

61 151.7 0.0 311.6

98 64.2 0.0 129.8



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



#28

Bromochloromethane

Concen: 47.568 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

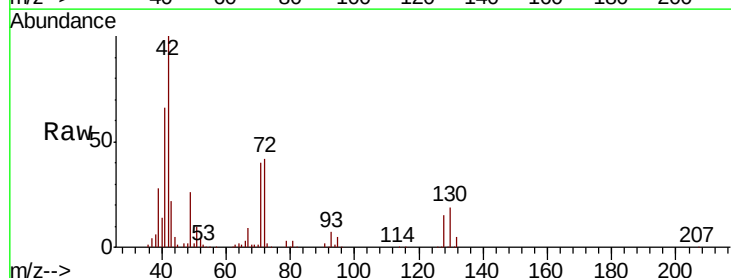
Tgt Ion: 49 Resp: 110323

Ion Ratio Lower Upper

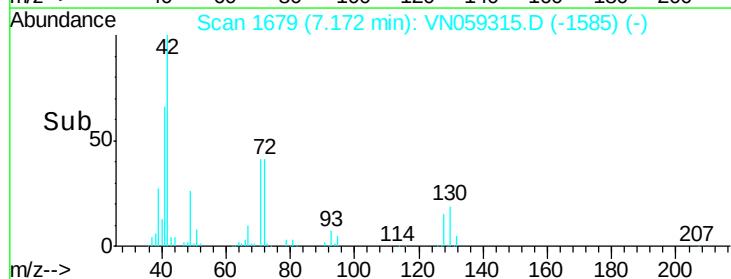
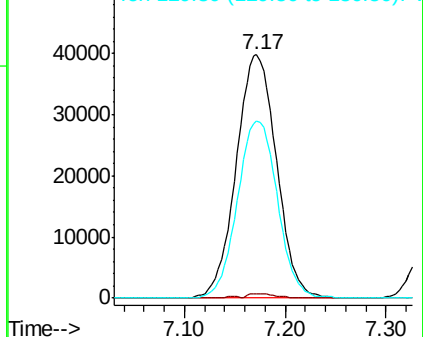
49 100

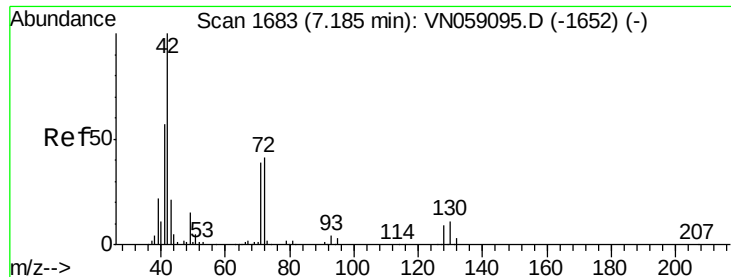
129 1.2 0.0 3.8

130 72.3 55.6 83.4



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

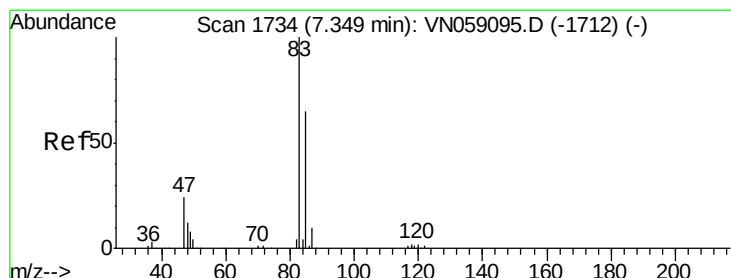
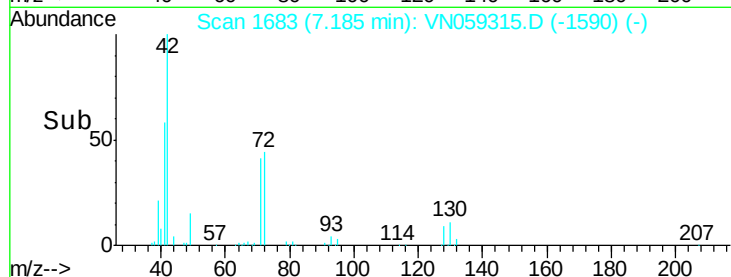
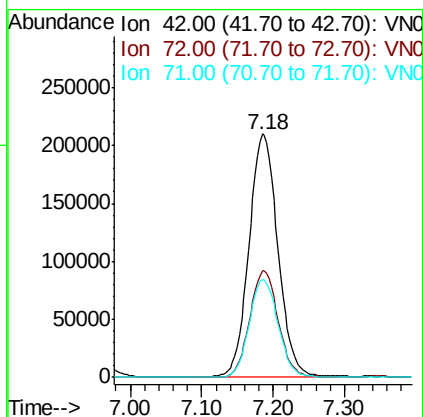
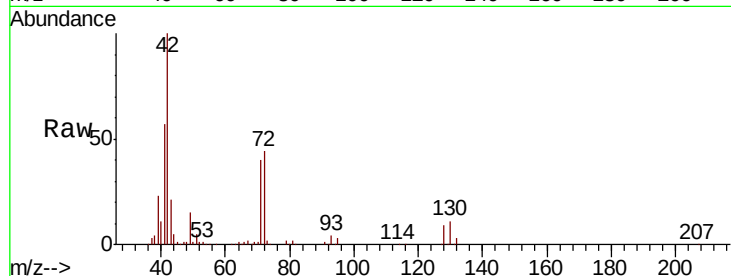




#29
Tetrahydrofuran
Concen: 289.079 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN059315.D
Acq: 19 Nov 2019 19:04

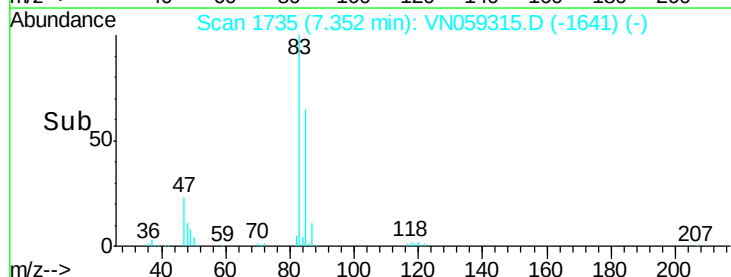
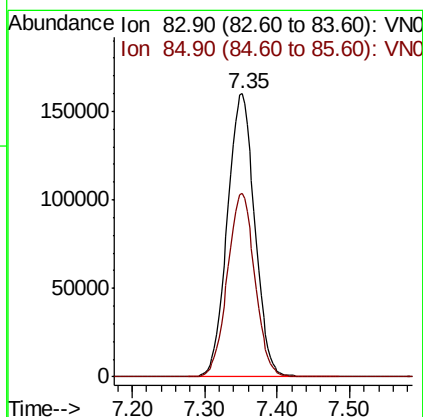
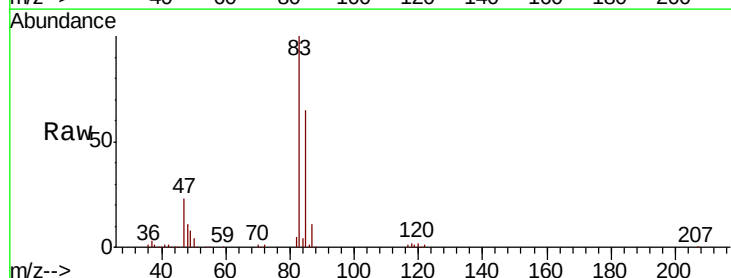
Instrument :
MSVOA_N
ClientSampled :

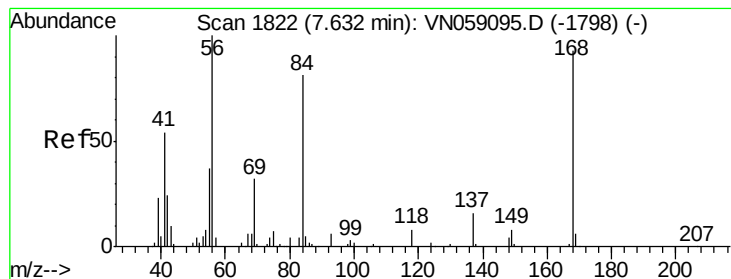
Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	33.1	49.7
71	40.2	30.9	46.3



#30
Chloroform
Concen: 56.804 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.00 min
Lab File: VN059315.D
Acq: 19 Nov 2019 19:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.8	77.8





#31

Cyclohexane

Concen: 57.773 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

Instrument :
MSVOA_N
ClientSampled :

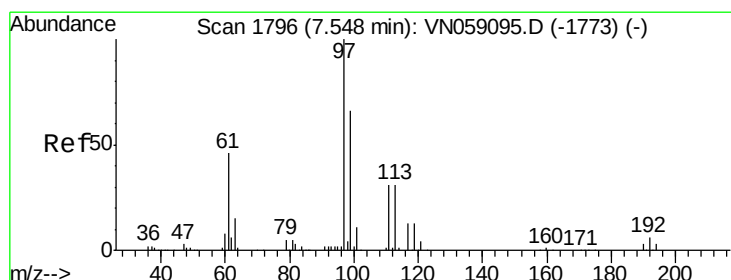
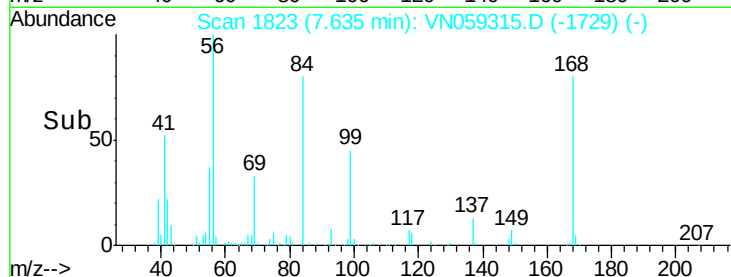
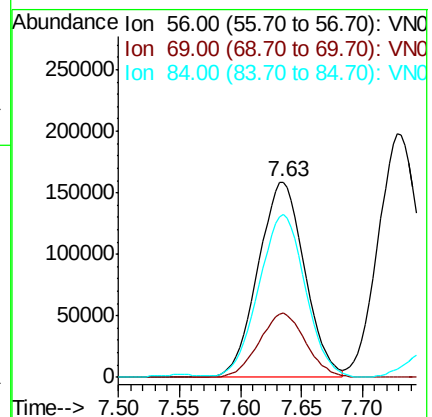
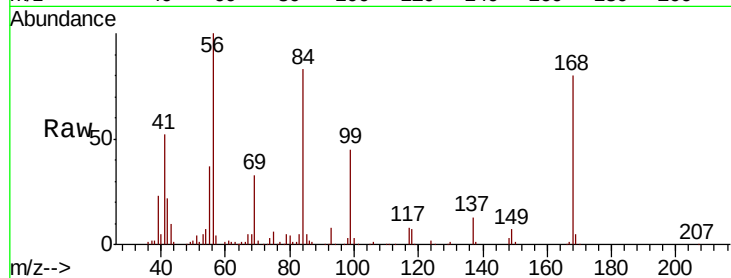
Tot Ion: 56 Resp: 421618

Ion Ratio Lower Upper

56 100

69 32.7 25.8 38.8

84 82.0 65.0 97.4



#32

1,1,1-Trichloroethane

Concen: 58.860 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

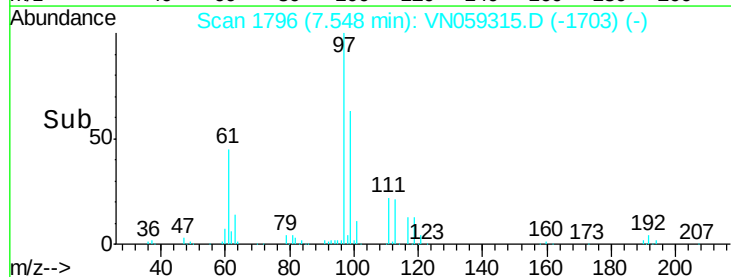
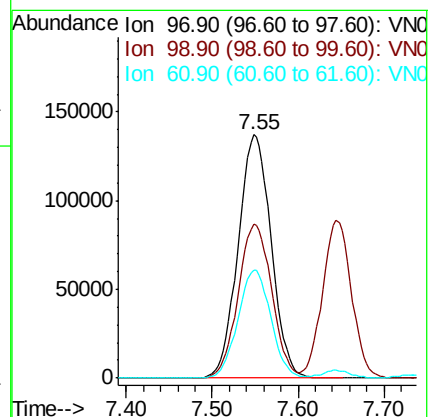
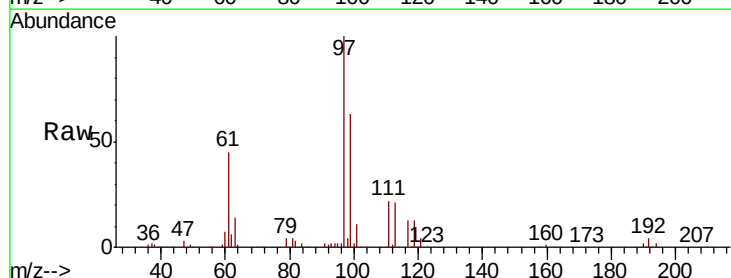
Tgt Ion: 97 Resp: 365950

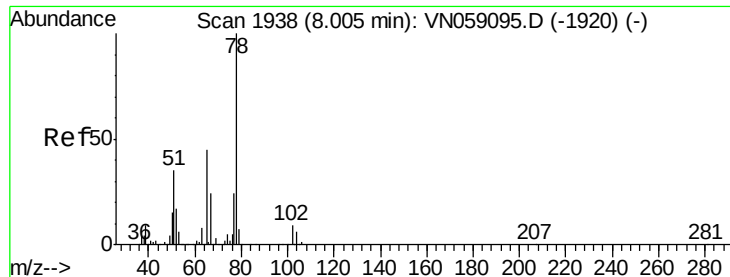
Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.6

61 44.3 35.8 53.8

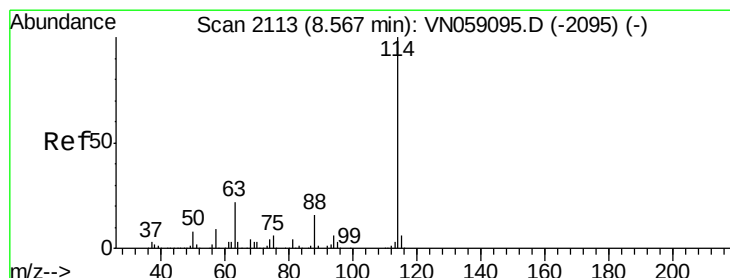
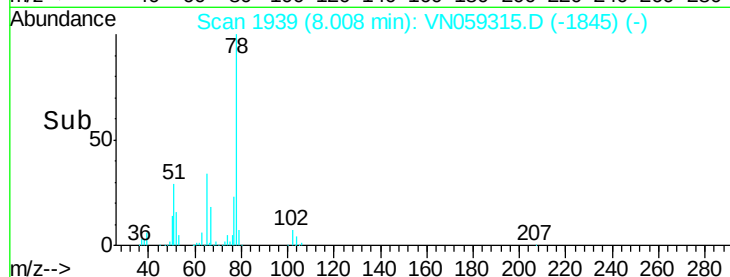
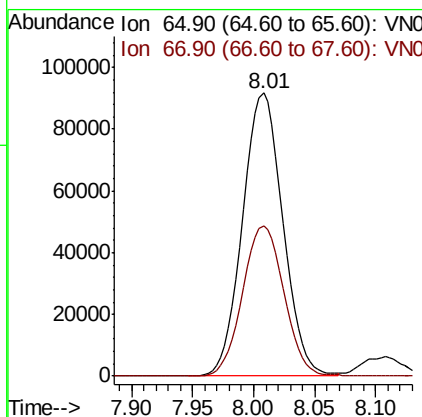
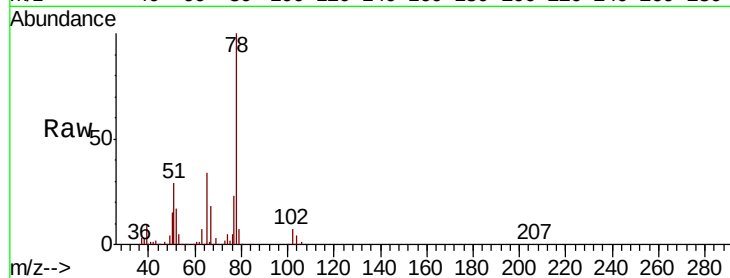




#33
 1,2-Dichloroethane-d4
 Concen: 44.828 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059315.D
 Acq: 19 Nov 2019 19:04

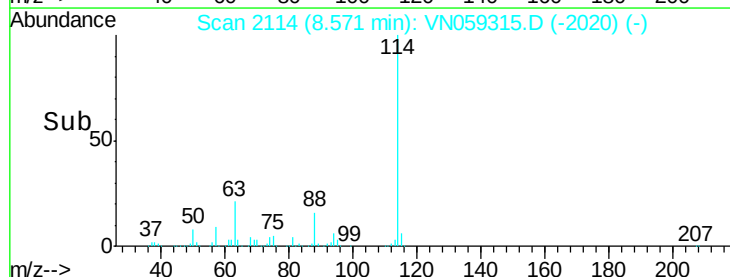
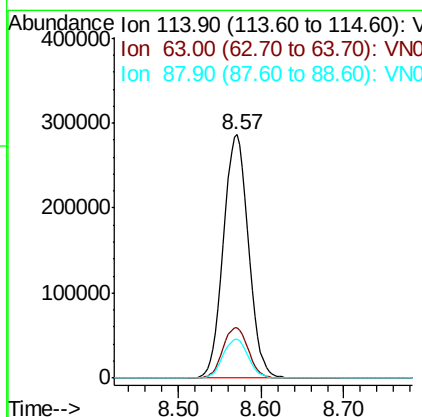
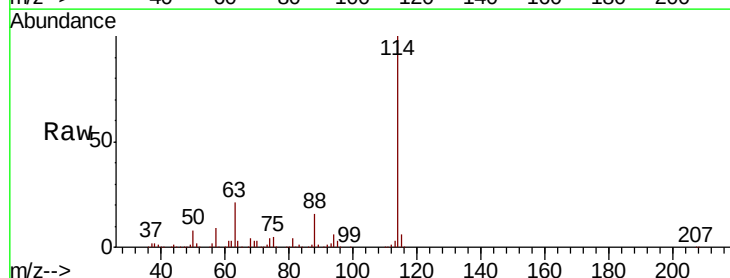
Instrument :
 MSVOA_N
 ClientSampleId :

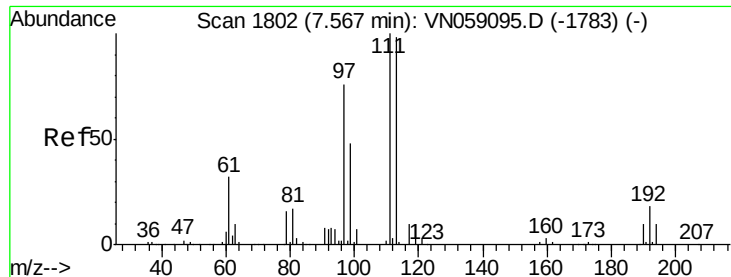
Tot Ion: 65 Resp: 210141
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059315.D
 Acq: 19 Nov 2019 19:04

Tgt Ion: 114 Resp: 602695
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 43.4
 88 16.0 0.0 32.2

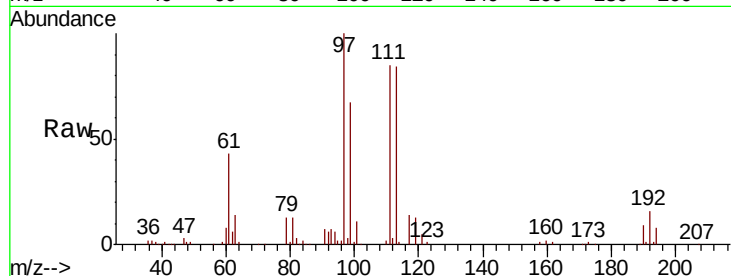




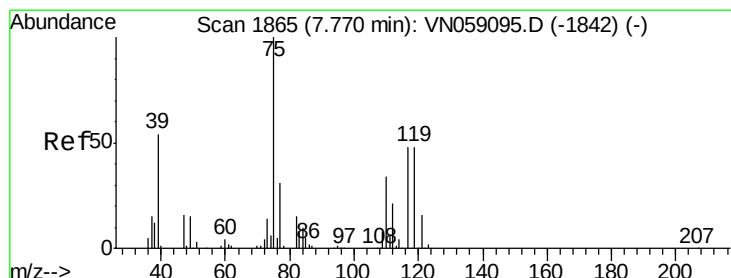
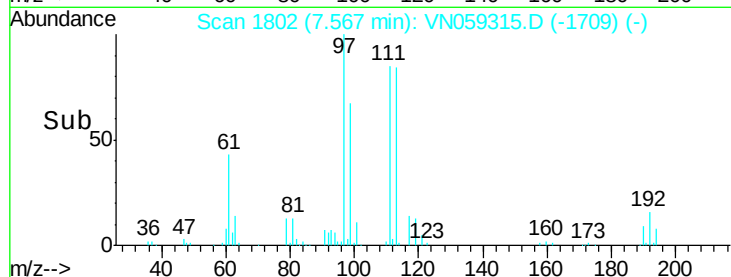
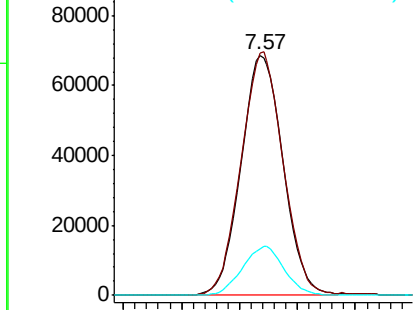
#35
Dibromofluoromethane
Concen: 48.070 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059315.D
Acq: 19 Nov 2019 19:04

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.8	124.2
192	20.2	16.1	24.1

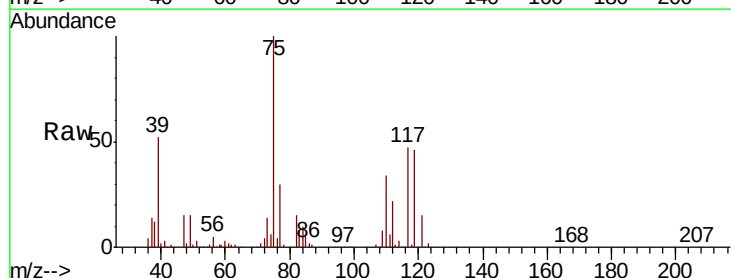


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

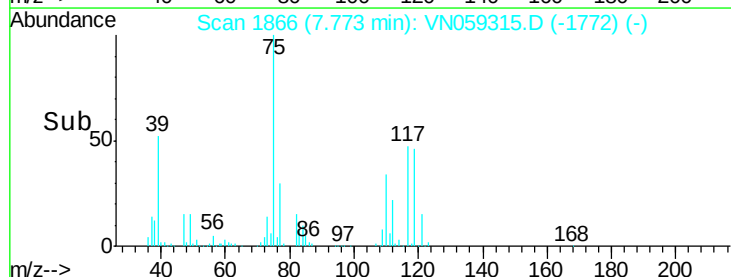
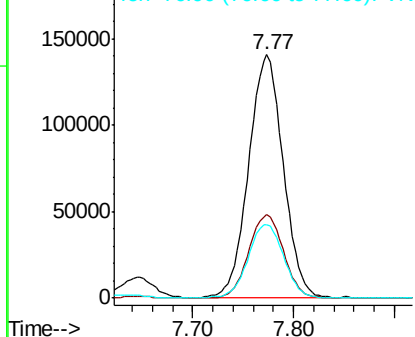


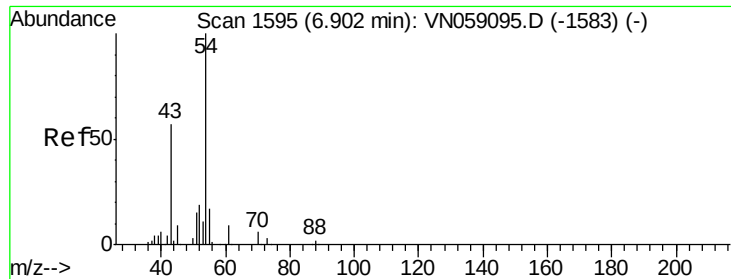
#36
1,1-Dichloropropene
Concen: 59.150 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN059315.D
Acq: 19 Nov 2019 19:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.1	51.2
77	31.5	24.8	37.2



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

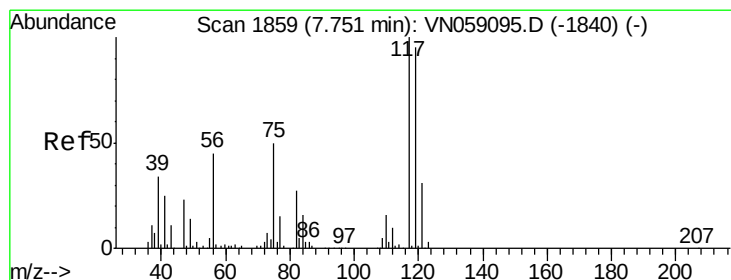
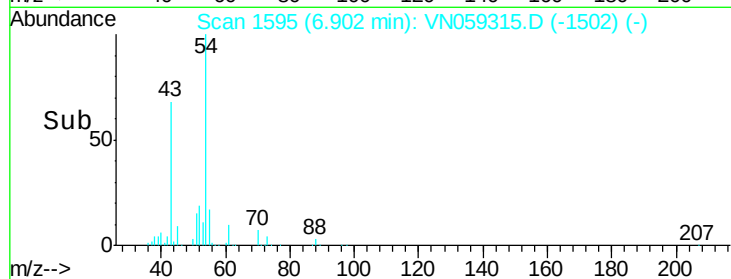
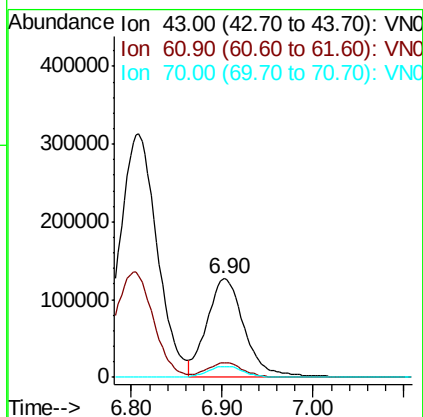
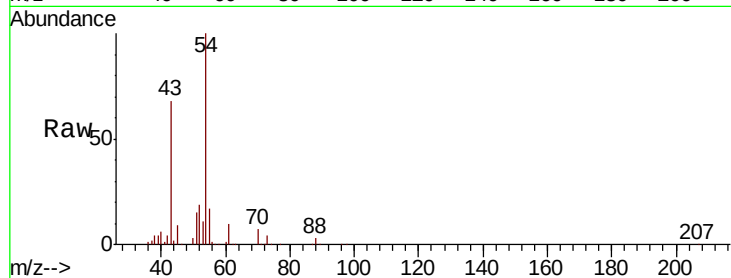




#37
Ethyl Acetate
Concen: 57.157 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VN059315.D
Acq: 19 Nov 2019 19:04

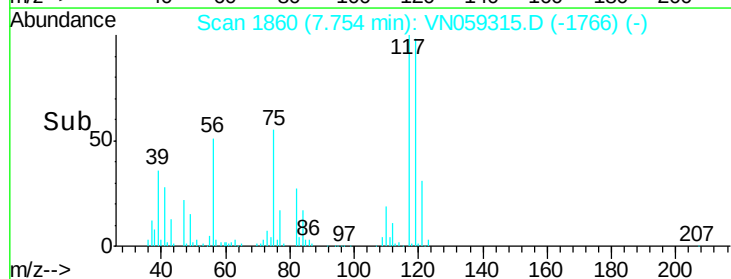
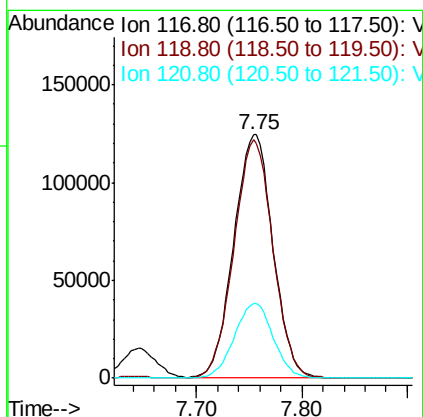
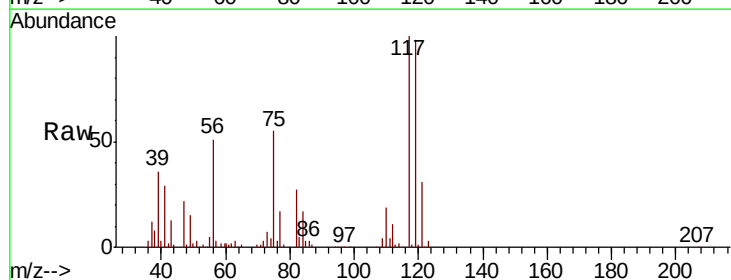
Instrument :
MSVOA_N
ClientSampleId :

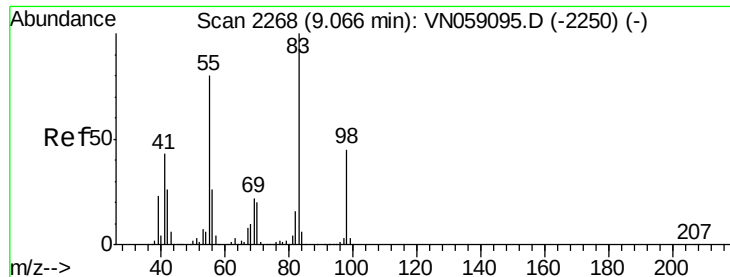
Tot Ion: 43 Resp: 358203
Ion Ratio Lower Upper
43 100
61 14.5 11.2 16.8
70 10.9 7.8 11.8



#38
Carbon Tetrachloride
Concen: 57.313 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059315.D
Acq: 19 Nov 2019 19:04

Tgt Ion: 117 Resp: 321356
Ion Ratio Lower Upper
117 100
119 97.6 75.6 113.4
121 30.9 24.6 36.8

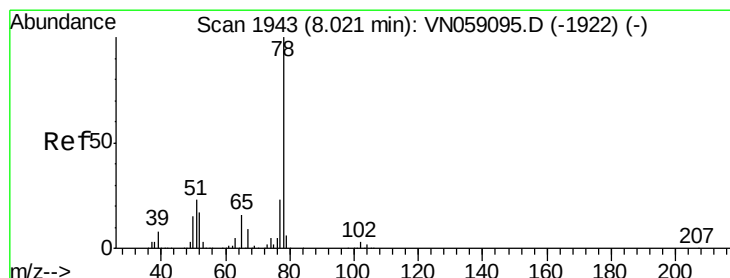
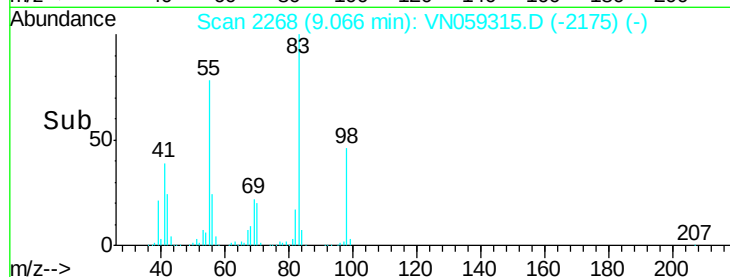
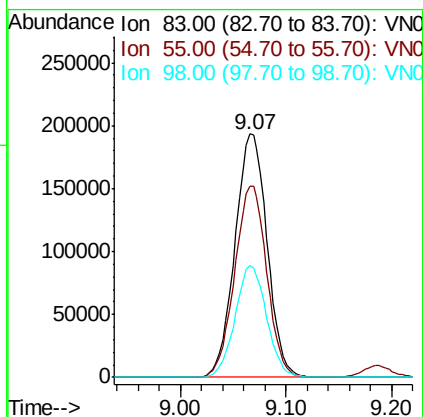
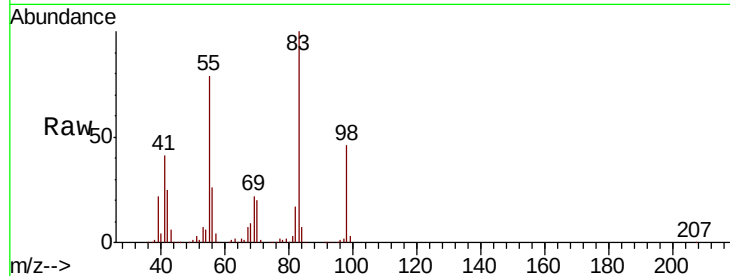




#39
Methylvlcyclohexane
Concen: 62.478 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059315.D
Acq: 19 Nov 2019 19:04

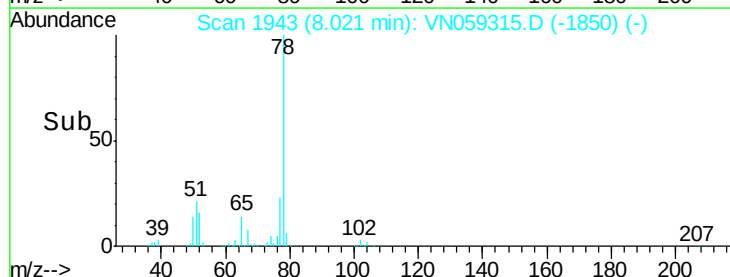
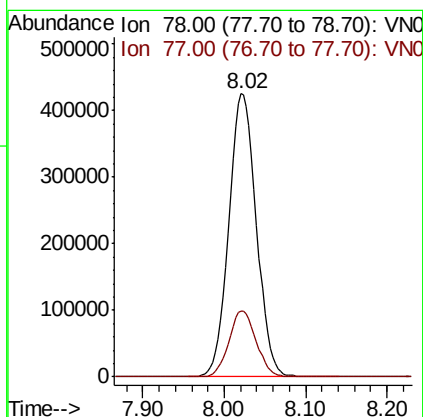
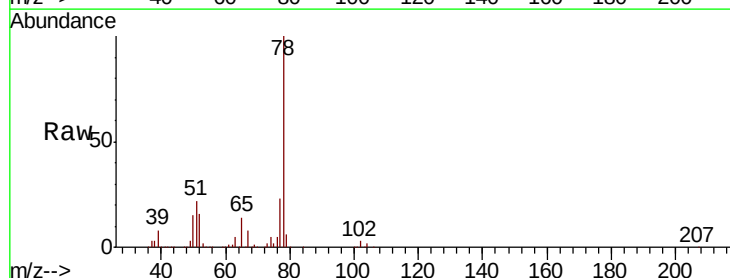
Instrument :
MSVOA_N
ClientSampleId :

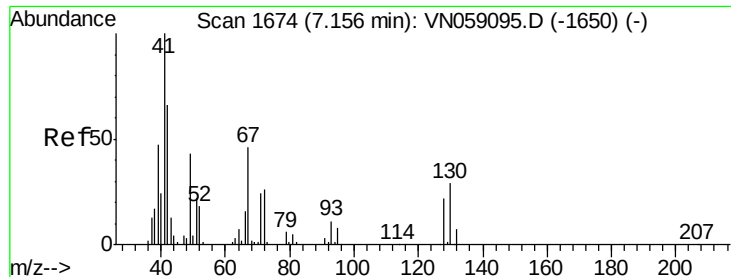
Tot Ion: 83 Resp: 408489
Ion Ratio Lower Upper
83 100
55 78.8 63.9 95.9
98 45.8 35.6 53.4



#40
Benzene
Concen: 59.204 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059315.D
Acq: 19 Nov 2019 19:04

Tgt Ion: 78 Resp: 1004359
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2





#41

Methacrylonitrile

Concen: 186.738 ug/l

RT: 7.18 min Scan# 1683

Delta R.T. 0.03 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 41 Resp: 508894

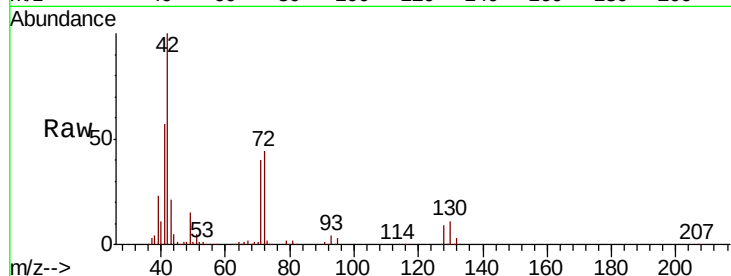
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

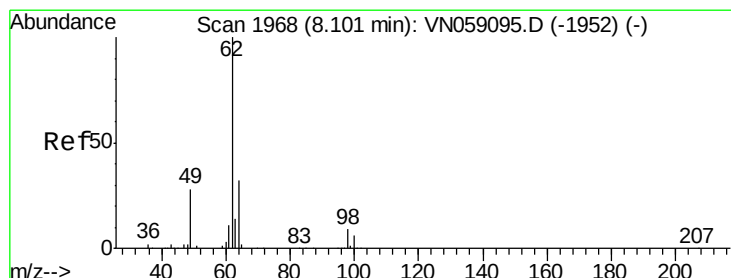
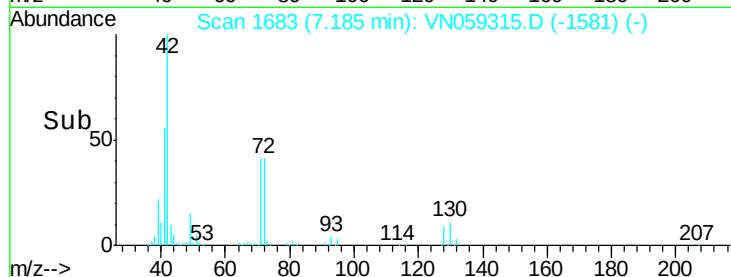
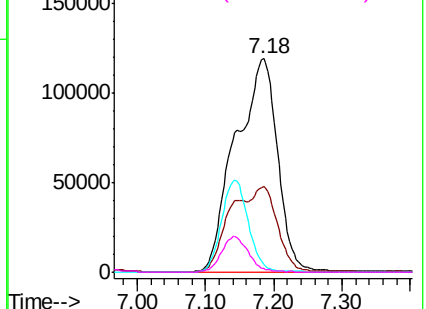


Abundance Ion 41.00 (40.70 to 41.70): VN0

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: 56.757 ug/l

RT: 8.10 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VN059315.D

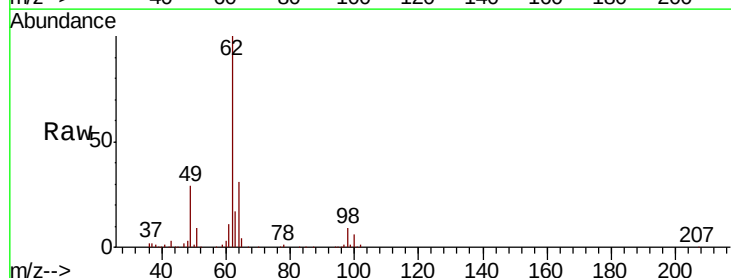
Acq: 19 Nov 2019 19:04

Tgt Ion: 62 Resp: 330227

Ion Ratio Lower Upper

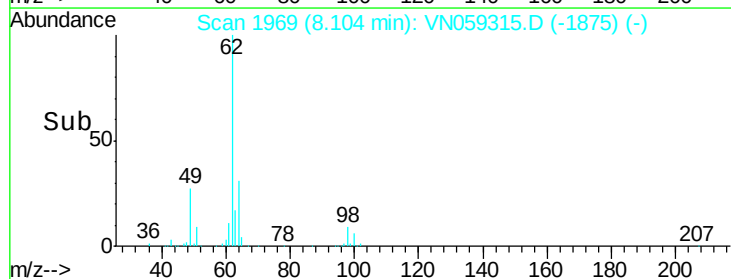
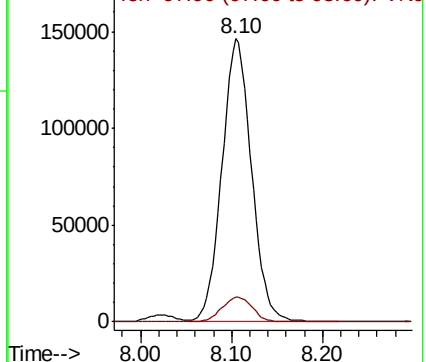
62 100

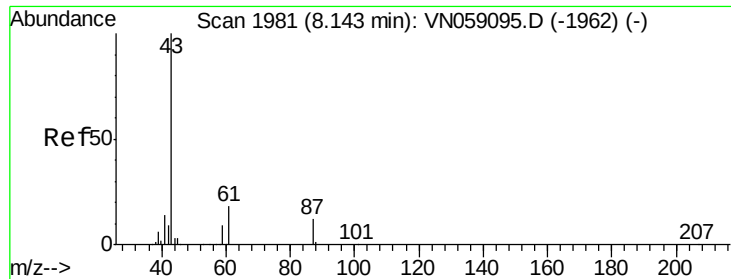
98 9.2 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 57.029 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

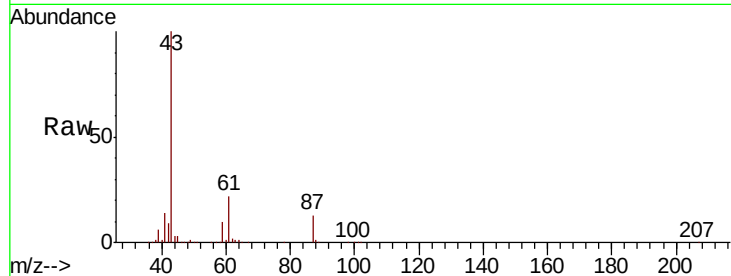
Tot Ion: 43 Resp: 569795

Ion Ratio Lower Upper

43 100

61 27.1 21.0 31.6

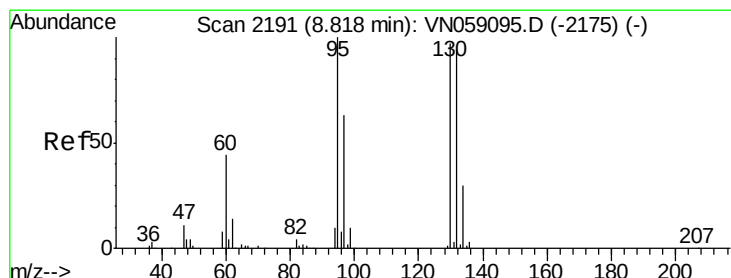
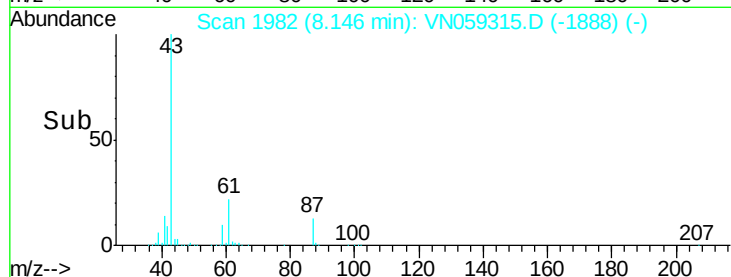
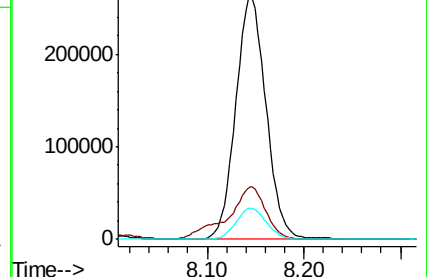
87 13.1 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN059095.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN059095.D (-1962) (-)



#44

Trichloroethene

Concen: 59.648 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VN059315.D

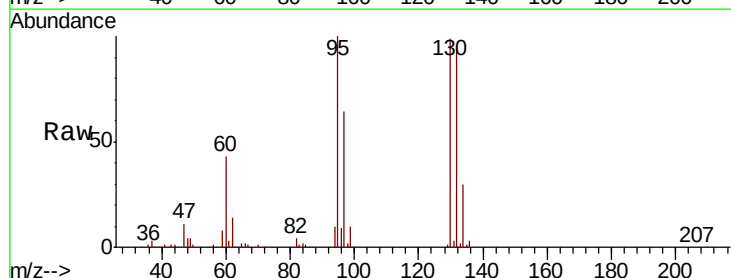
Acq: 19 Nov 2019 19:04

Tgt Ion:130 Resp: 248739

Ion Ratio Lower Upper

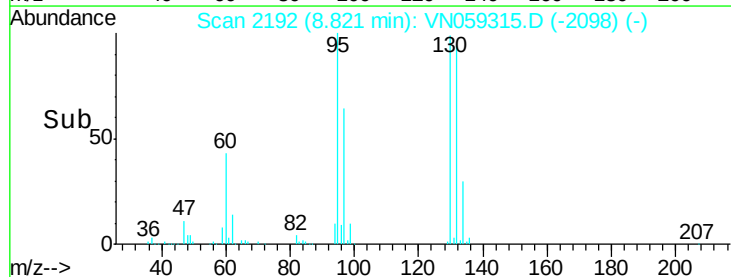
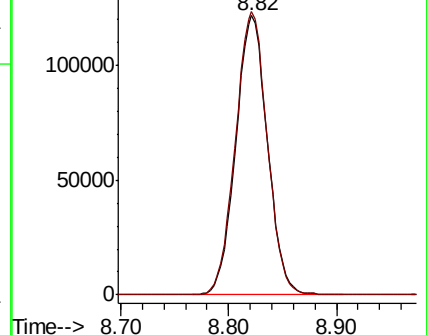
130 100

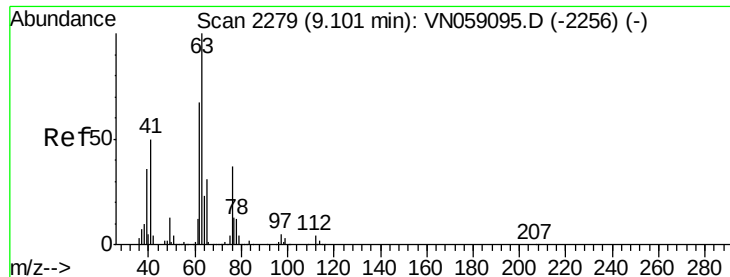
95 101.5 0.0 206.4



Abundance Ion 129.80 (129.50 to 130.50): VN059095.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN059095.D (-2175) (-)

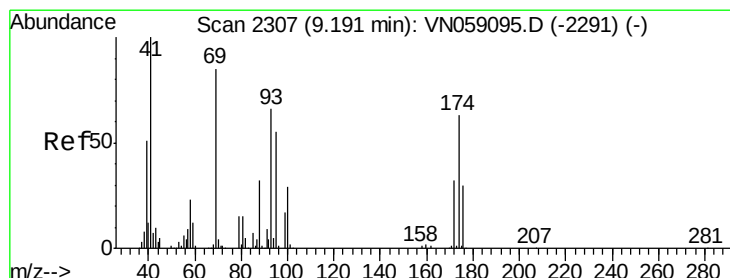
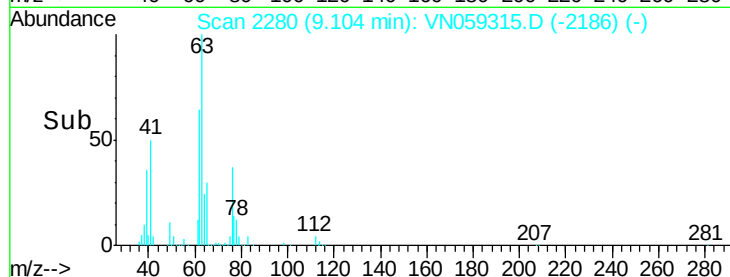
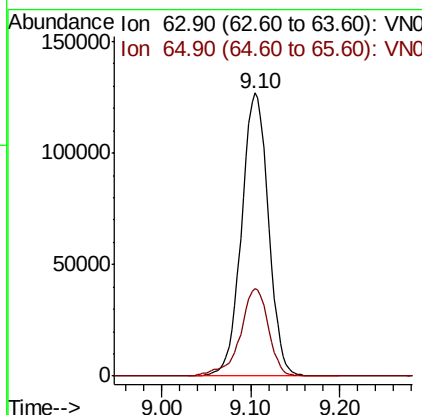
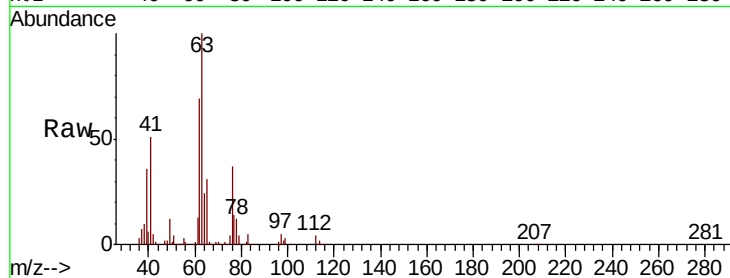




#45
 1,2-Dichloropropane
 Concen: 57.805 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: VN059315.D
 Acq: 19 Nov 2019 19:04

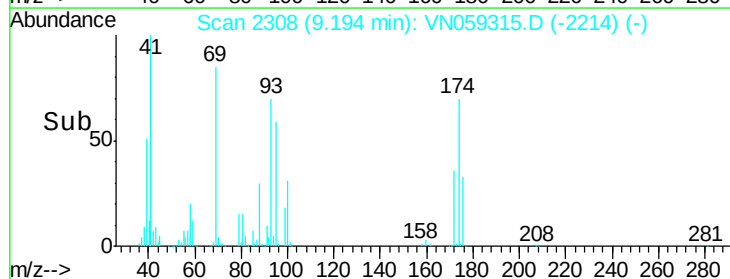
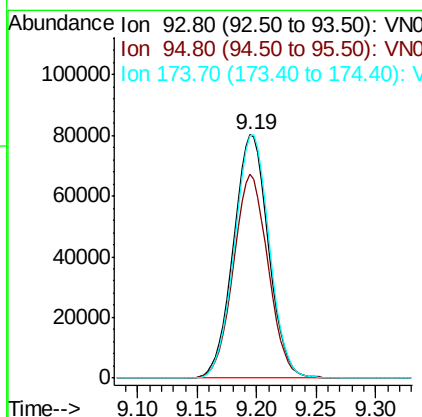
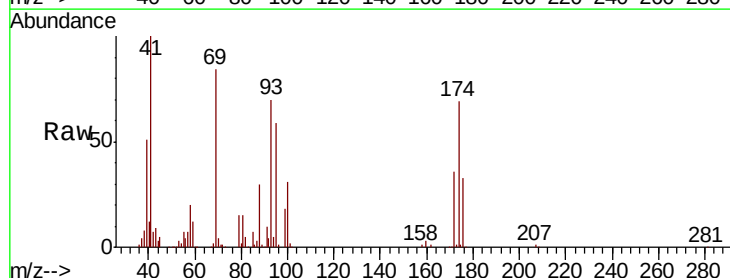
Instrument :
 MSVOA_N
 ClientSampled :

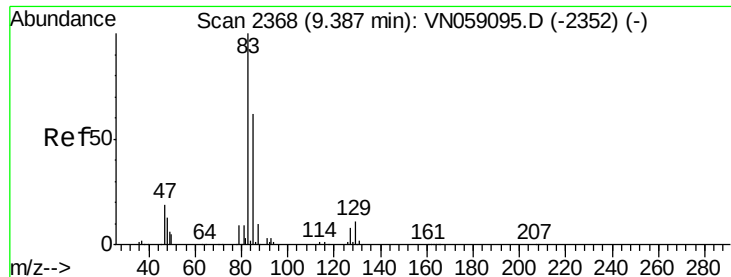
Tot Ion: 63 Resp: 266354
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.6 37.0



#46
 Dibromomethane
 Concen: 57.096 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN059315.D
 Acq: 19 Nov 2019 19:04

Tgt Ion: 93 Resp: 163941
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.6 100.0
 174 99.4 78.2 117.2





#47

Bromodichloromethane

Concen: 57.696 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

Instrument :
MSVOA_N
ClientSampleId :

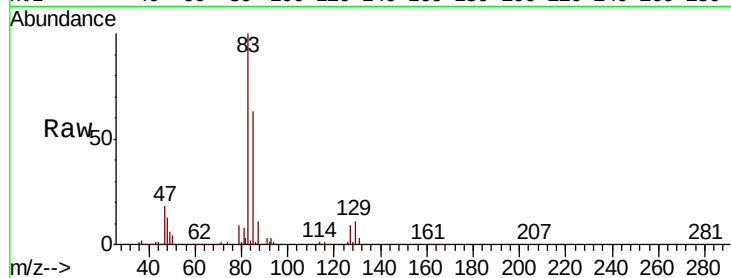
Tot Ion: 83 Resp: 330806

Ion Ratio Lower Upper

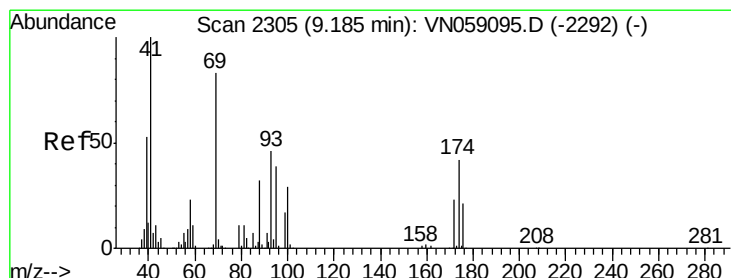
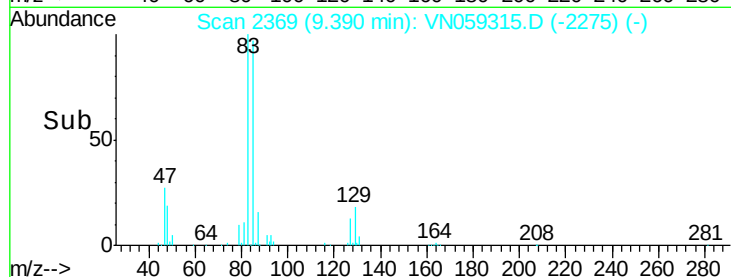
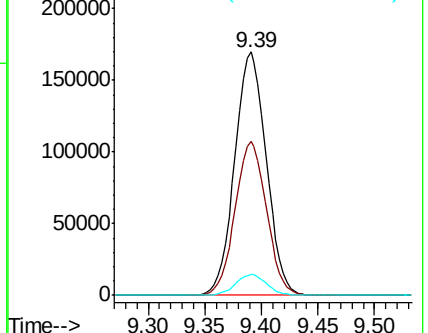
83 100

85 63.1 49.7 74.5

127 8.6 6.4 9.6



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



#48

Methyl methacrylate

Concen: 58.092 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

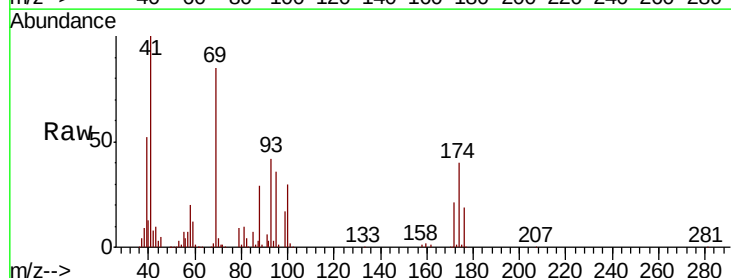
Tgt Ion: 41 Resp: 259617

Ion Ratio Lower Upper

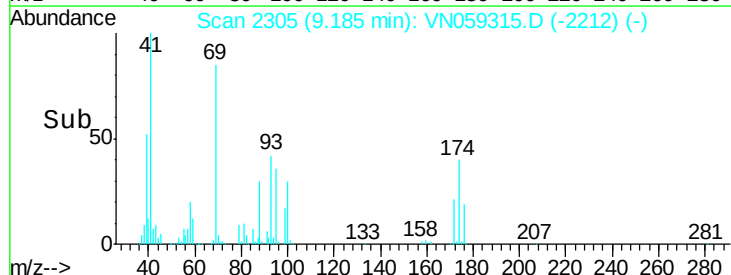
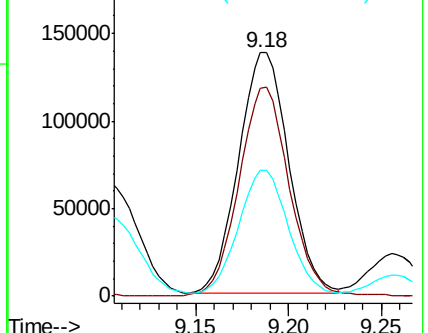
41 100

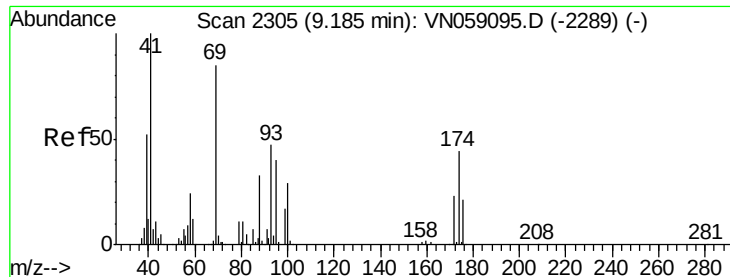
69 87.5 67.3 100.9

39 52.5 43.3 64.9



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

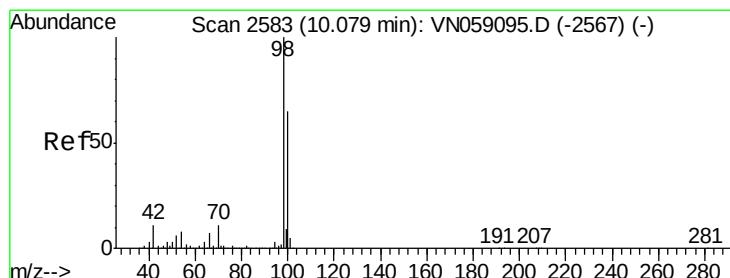
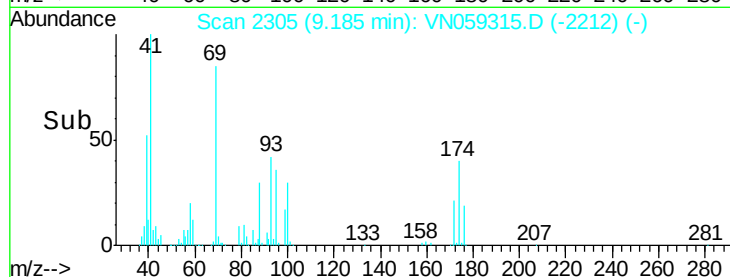
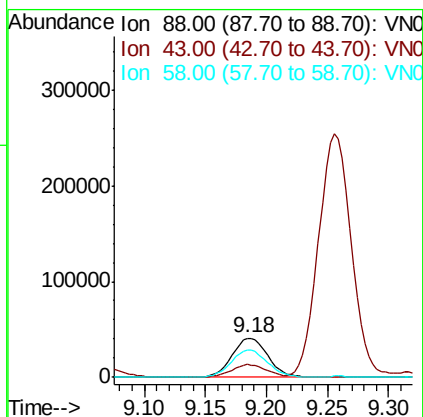
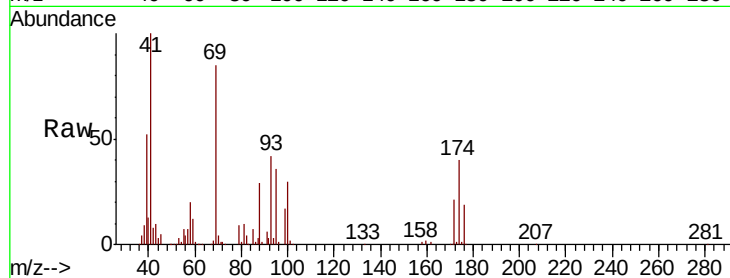




#49
1,4-Dioxane
Concen: 1051.377 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059315.D
Acq: 19 Nov 2019 19:04

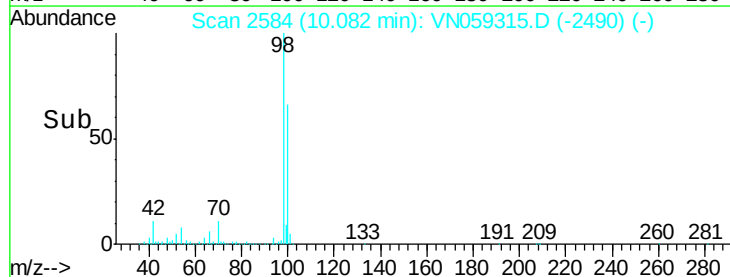
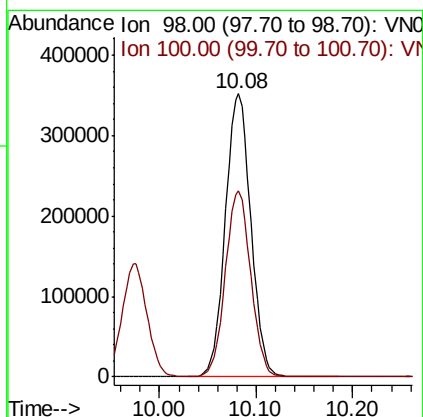
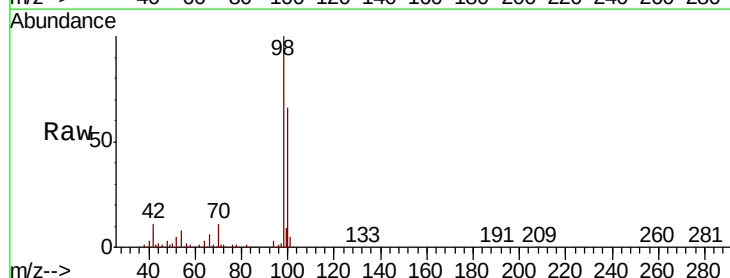
Instrument :
MSVOA_N
ClientSampleId :

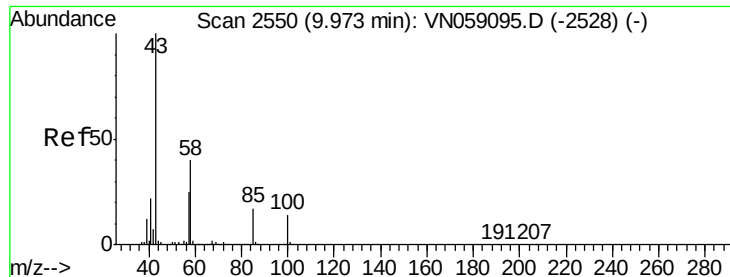
Tot Ion: 88 Resp: 83502
Ion Ratio Lower Upper
88 100
43 30.3 26.3 39.5
58 70.8 60.6 90.8



#50
Toluene-d8
Concen: 45.369 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059315.D
Acq: 19 Nov 2019 19:04

Tgt Ion: 98 Resp: 643096
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2

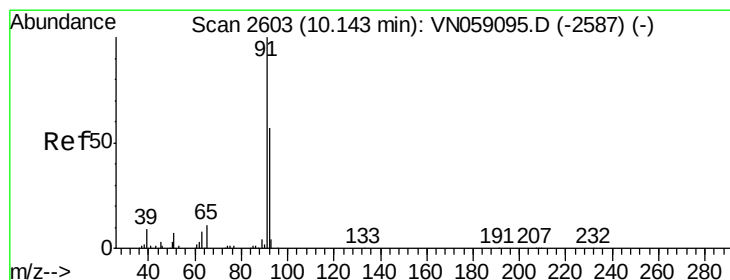
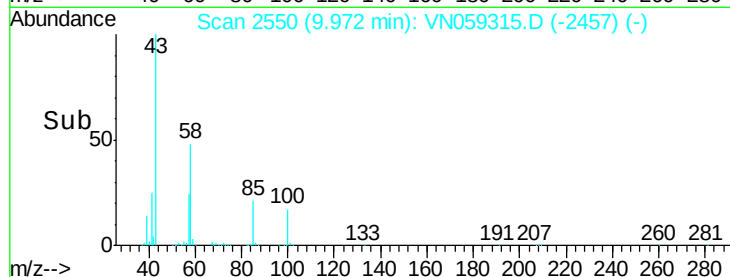
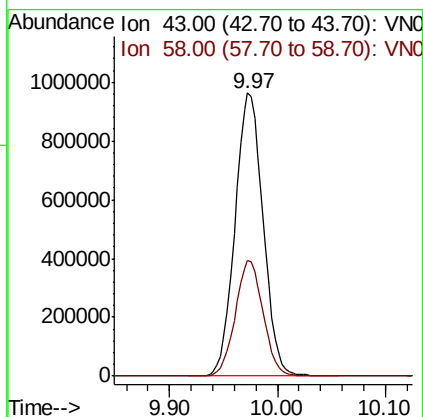
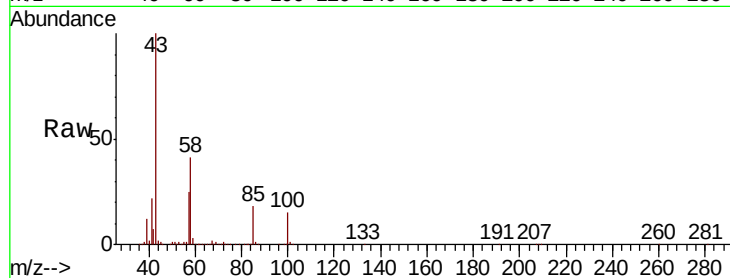




#51
4-Methyl-2-Pentanone
Concen: 309.291 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VN059315.D
Acq: 19 Nov 2019 19:04

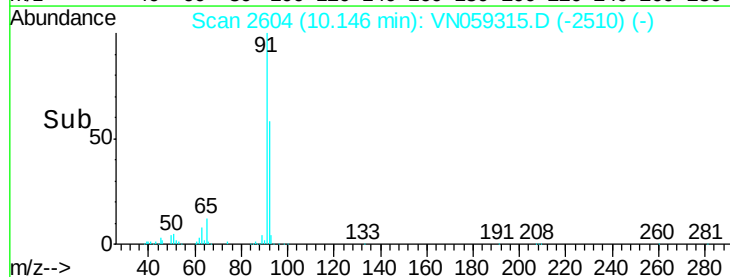
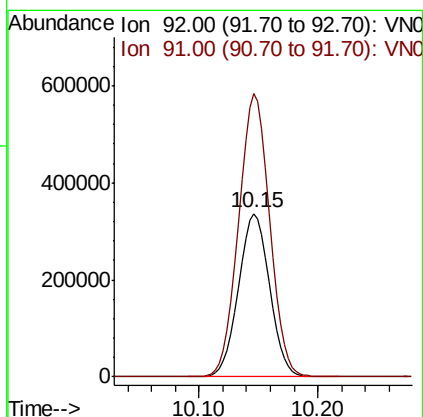
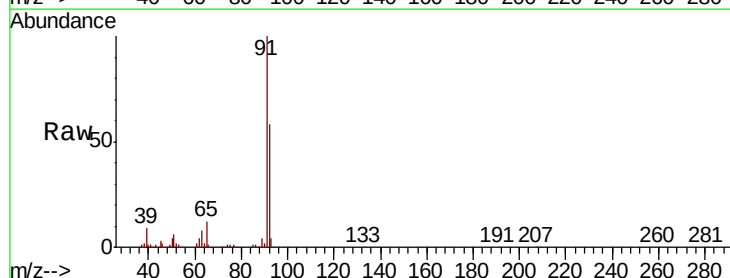
Instrument :
MSVOA_N
ClientSampleId :

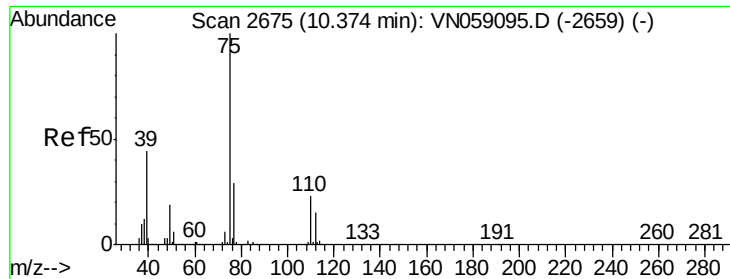
Tot Ion: 43 Resp: 1748513
Ion Ratio Lower Upper
43 100
58 40.3 31.5 47.3



#52
Toluene
Concen: 60.003 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VN059315.D
Acq: 19 Nov 2019 19:04

Tgt Ion: 92 Resp: 610108
Ion Ratio Lower Upper
92 100
91 173.3 139.5 209.3





#53

t-1,3-Dichloropropene

Concen: 58.037 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

Instrument :

MSVOA_N

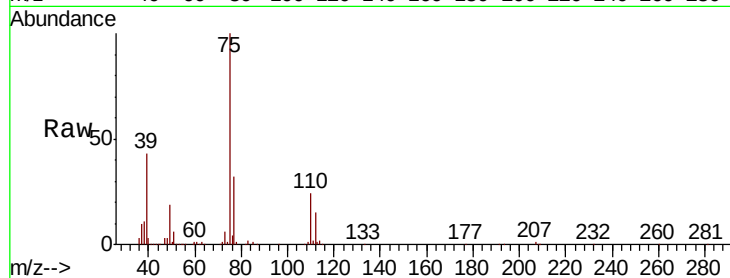
ClientSampled :

Tot Ion: 75 Resp: 384446

Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.37

250000

200000

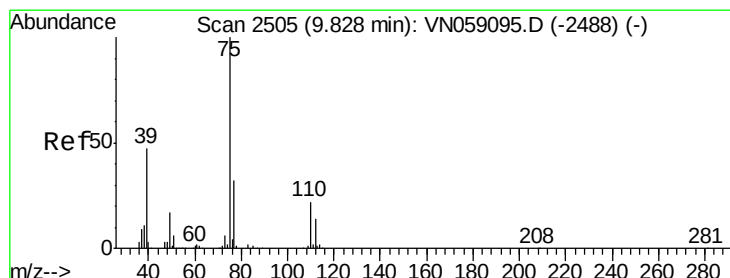
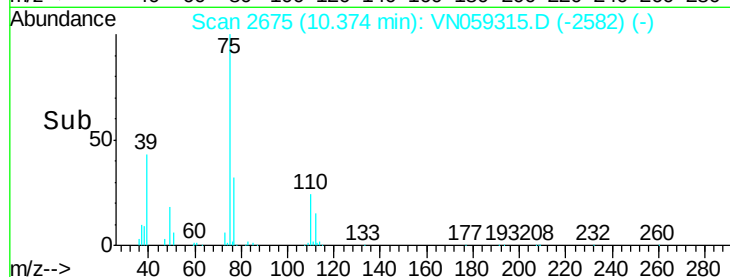
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 59.121 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

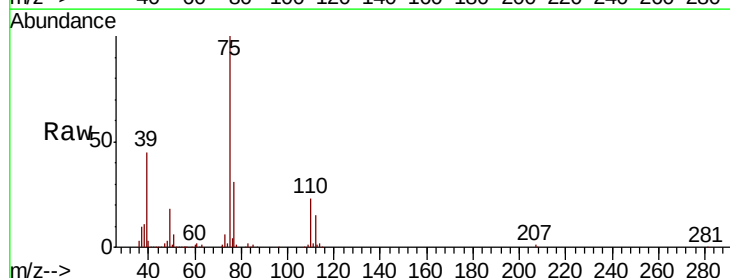
Tgt Ion: 75 Resp: 421267

Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3

39 44.9 37.3 55.9



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

9.83

300000

250000

200000

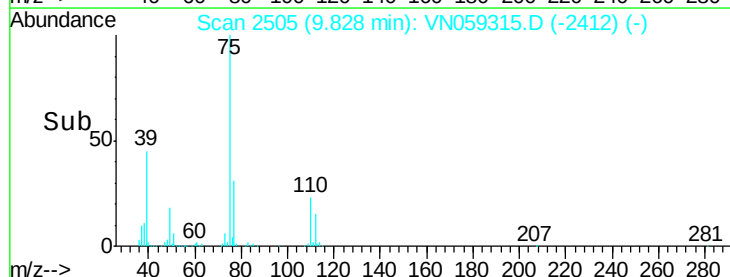
150000

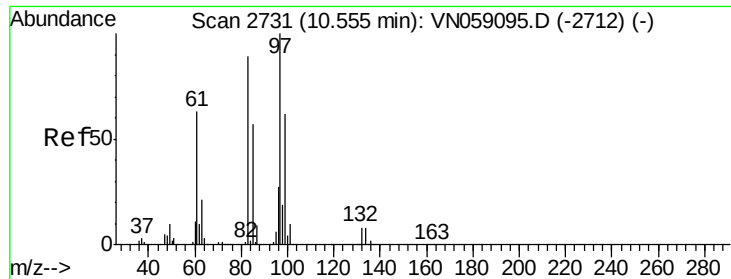
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 57.128 ug/l

RT: 10.55 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

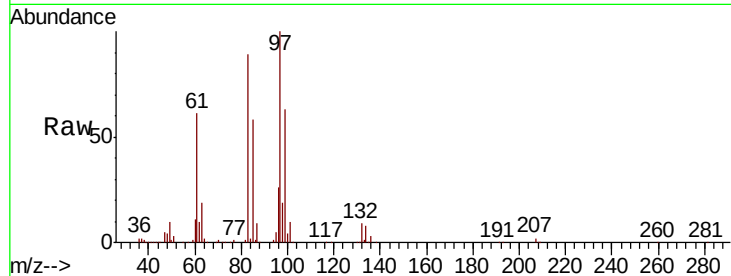
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 235083

Ion	Ratio	Lower	Upper
97	100		
83	89.1	71.0	106.4
85	57.6	45.8	68.8
99	63.3	49.4	74.0



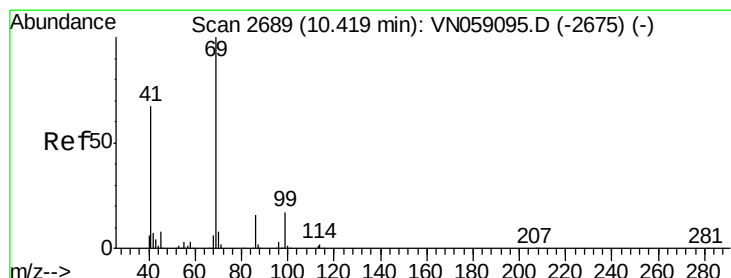
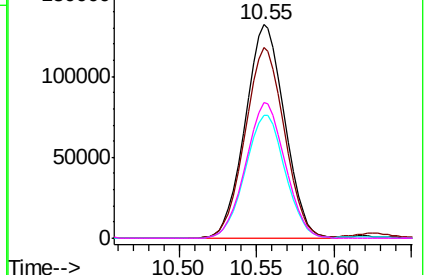
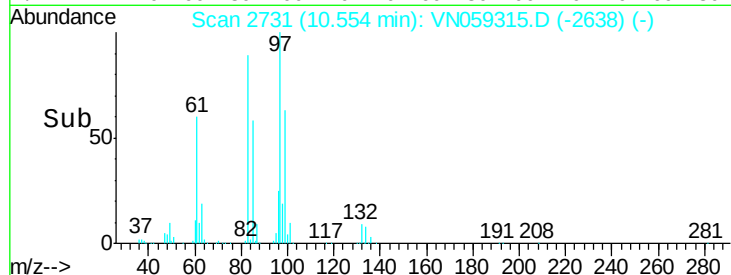
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 55.591 ug/l

RT: 10.42 min Scan# 2690

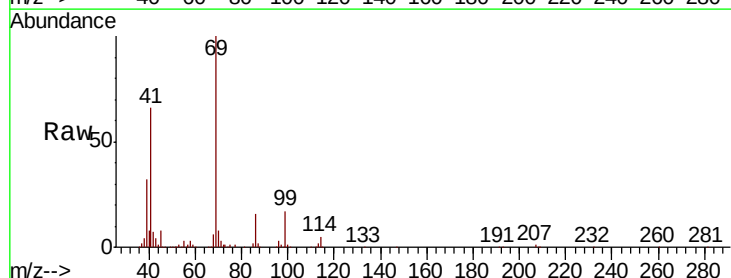
Delta R.T. 0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

Tgt Ion: 69 Resp: 383037

Ion	Ratio	Lower	Upper
69	100		
41	65.0	53.6	80.4
39	31.6	26.2	39.4

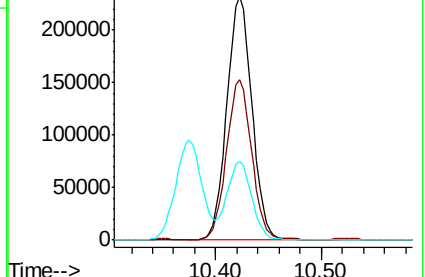
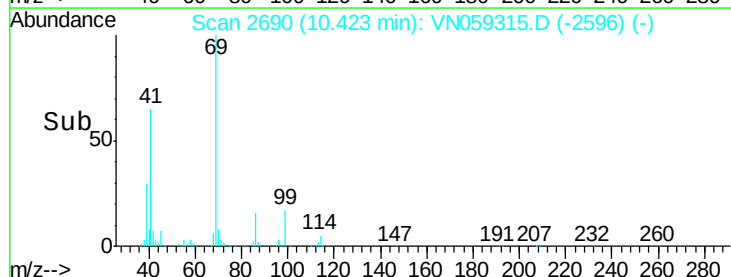


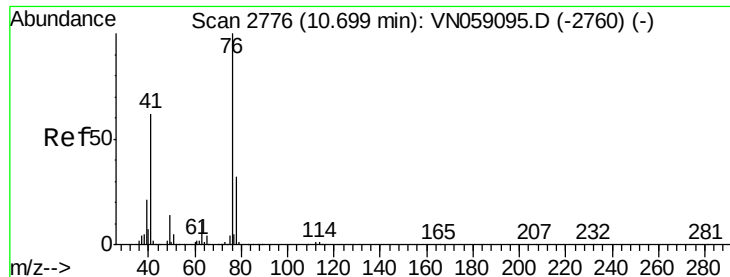
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 57.954 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

Instrument :

MSVOA_N

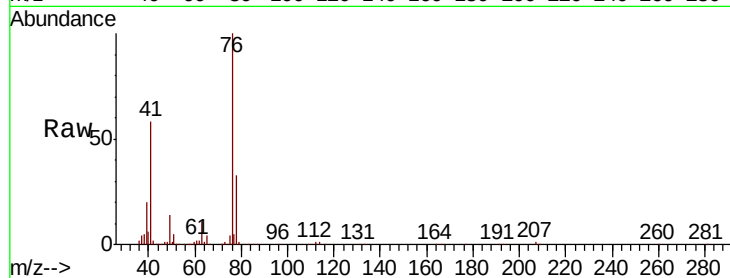
ClientSampleId :

Tot Ion: 76 Resp: 410457

Ion Ratio Lower Upper

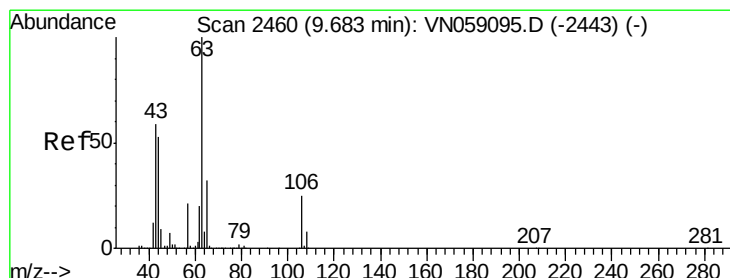
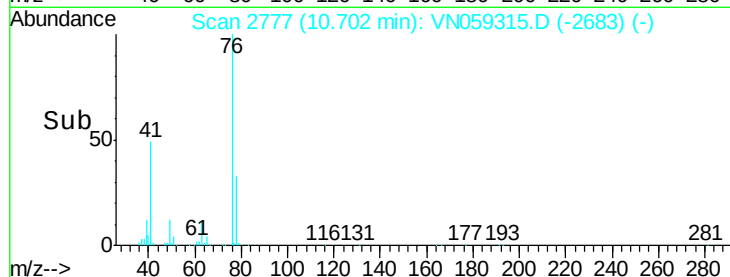
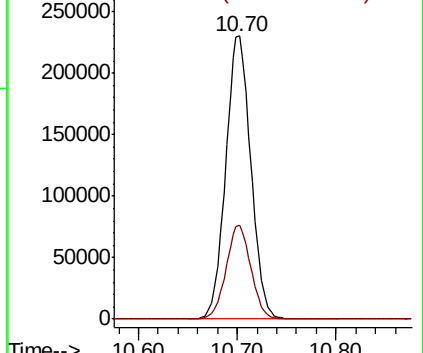
76 100

78 32.9 25.8 38.8



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: 280.367 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059315.D

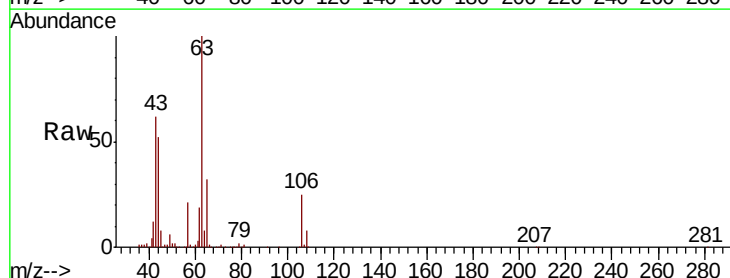
Acq: 19 Nov 2019 19:04

Tgt Ion: 63 Resp: 642074

Ion Ratio Lower Upper

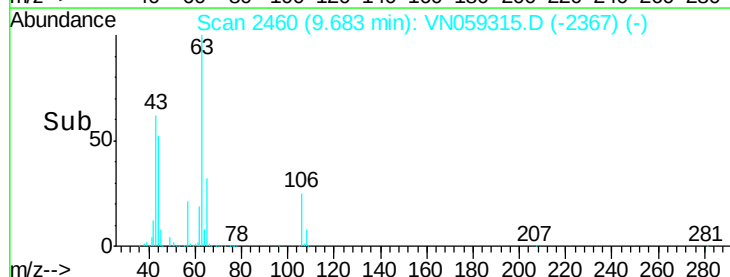
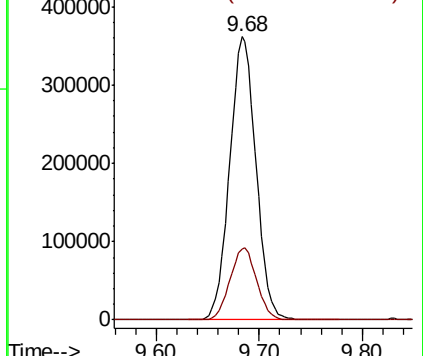
63 100

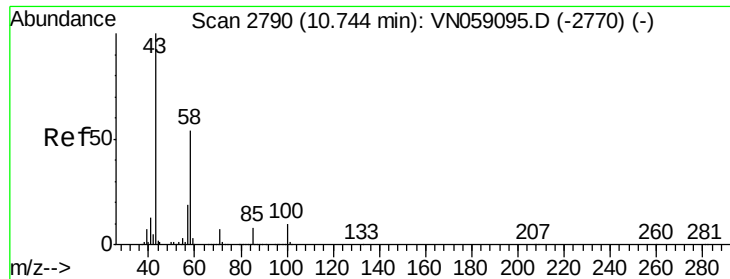
106 25.7 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

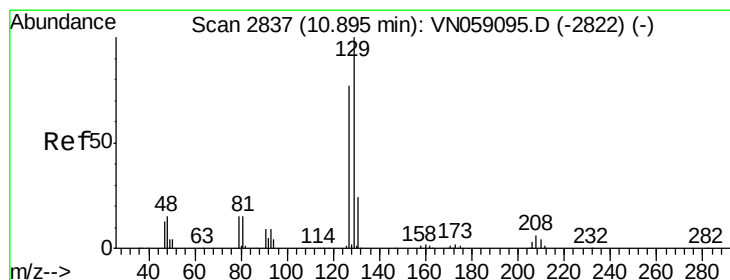
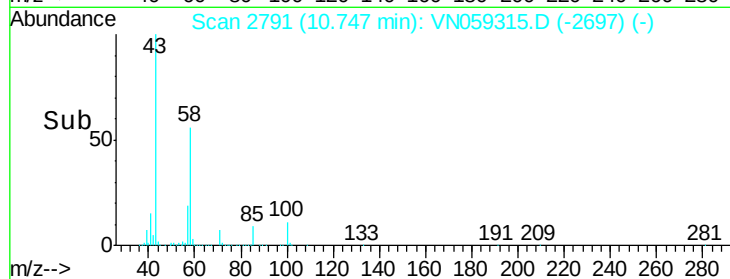
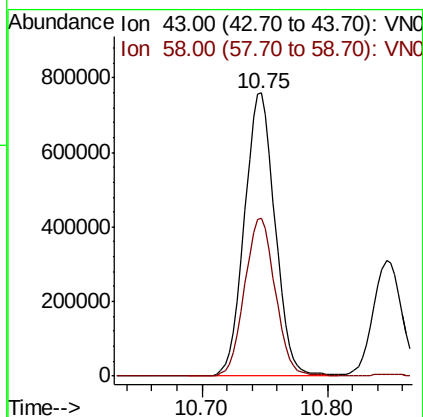
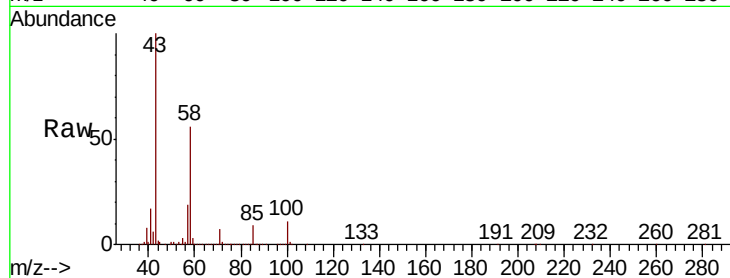




#59
2-Hexanone
Concen: 296.702 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059315.D
Acq: 19 Nov 2019 19:04

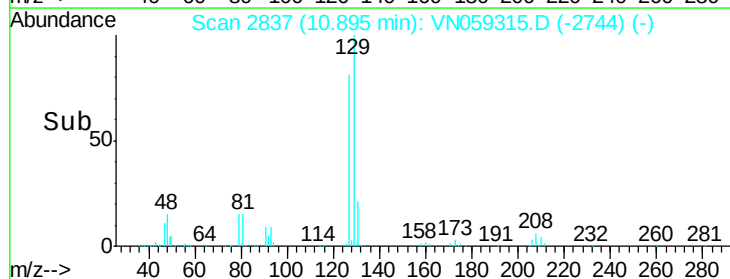
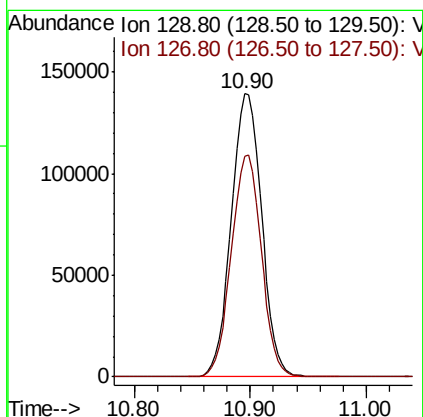
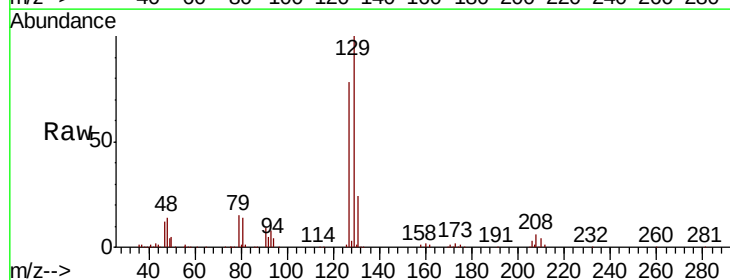
Instrument :
MSVOA_N
ClientSampled :

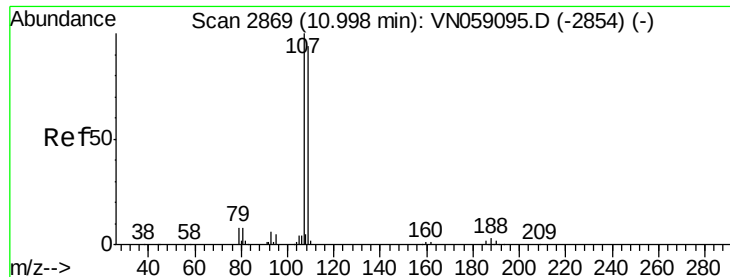
Tot Ion: 43 Resp: 1287440
Ion Ratio Lower Upper
43 100
58 56.1 27.3 81.8



#60
Dibromochloromethane
Concen: 58.334 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059315.D
Acq: 19 Nov 2019 19:04

Tgt Ion: 129 Resp: 253798
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8

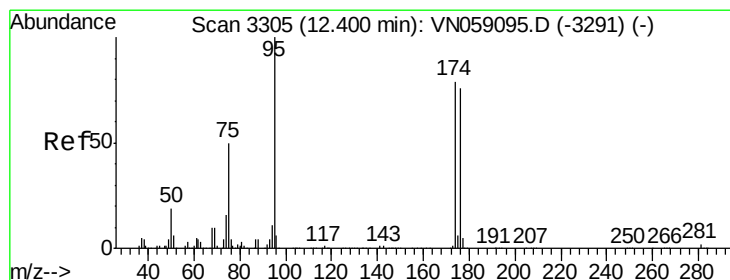
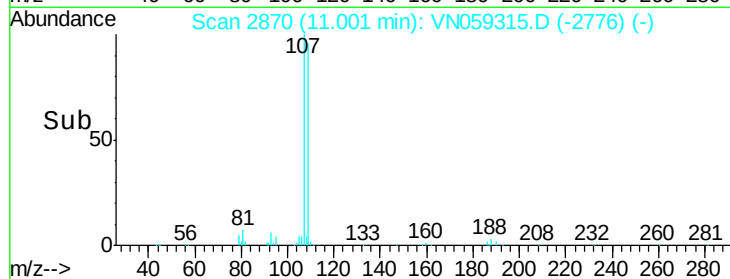
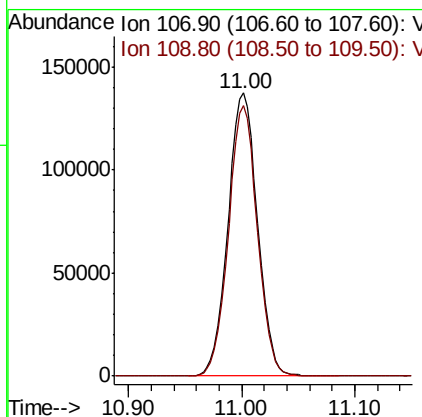
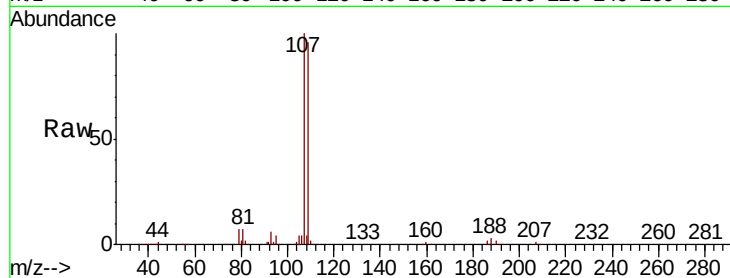




#61
 1,2-Dibromoethane
 Concen: 59.807 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059315.D
 Acq: 19 Nov 2019 19:04

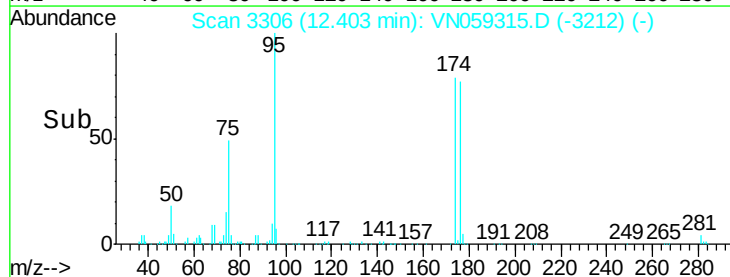
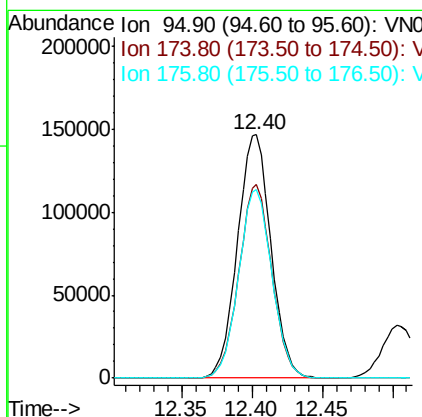
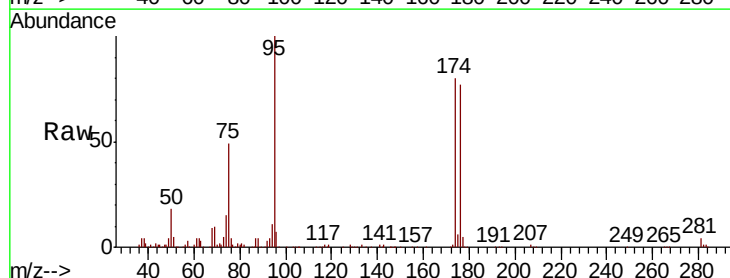
Instrument :
 MSVOA_N
 ClientSampleId :

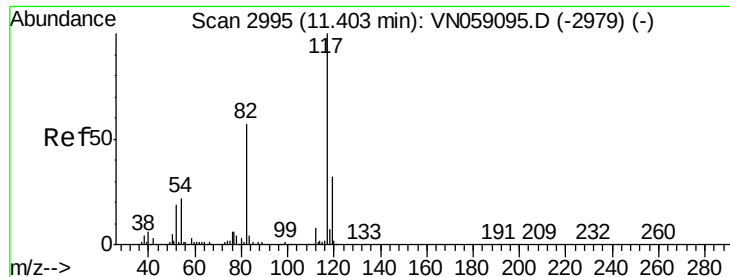
Tot Ion: 107 Resp: 249139
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 47.857 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN059315.D
 Acq: 19 Nov 2019 19:04

Tgt Ion: 95 Resp: 244594
 Ion Ratio Lower Upper
 95 100
 174 78.1 0.0 158.2
 176 77.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

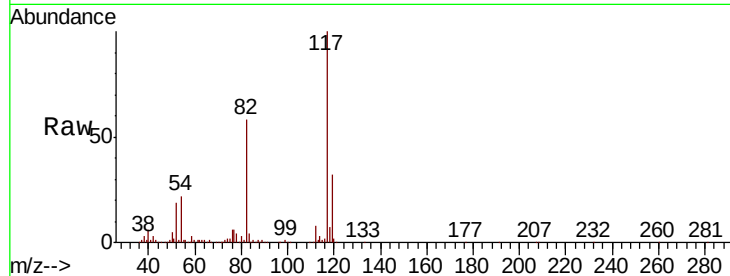
Tot Ion:117 Resp: 538532

Ion Ratio Lower Upper

117 100

82 57.9 45.8 68.8

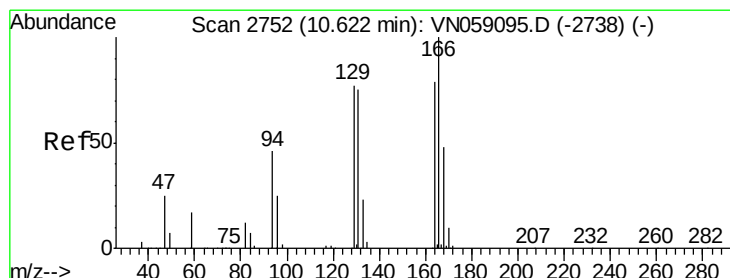
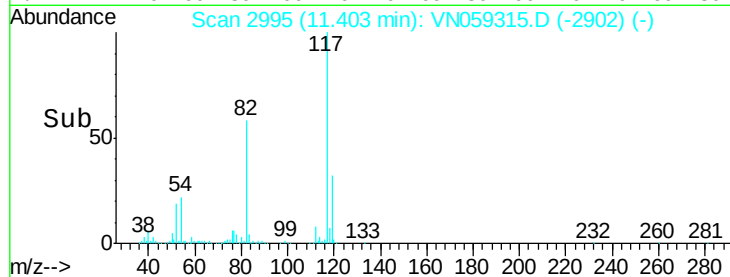
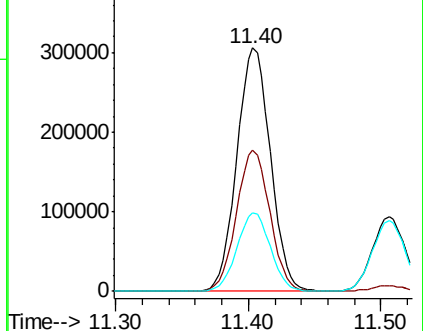
119 32.3 25.8 38.6



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: 61.965 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

Tgt Ion:164 Resp: 226913

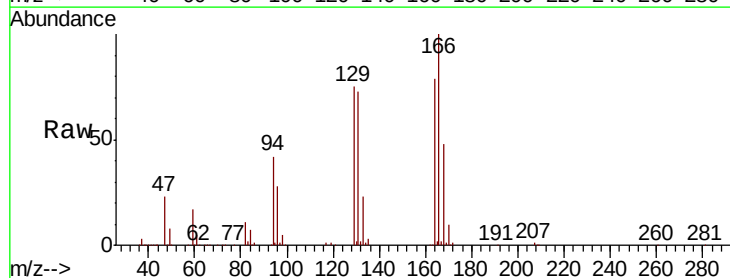
Ion Ratio Lower Upper

164 100

166 127.1 101.5 152.3

129 95.9 78.3 117.5

131 92.5 75.9 113.9

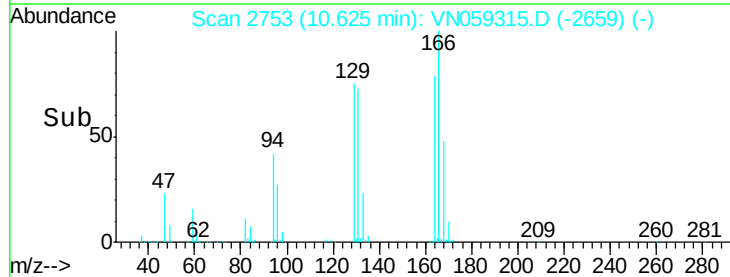
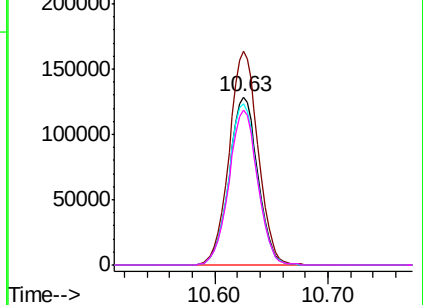


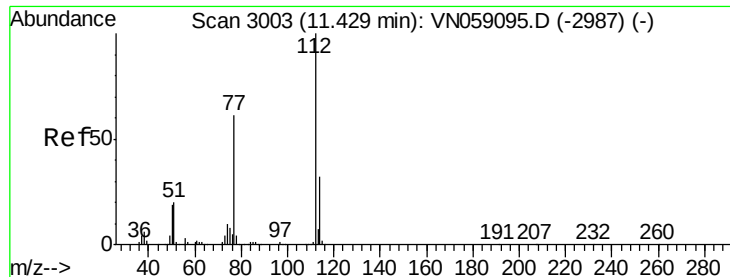
Abundance Ion 163.80 (163.50 to 164.50): V

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

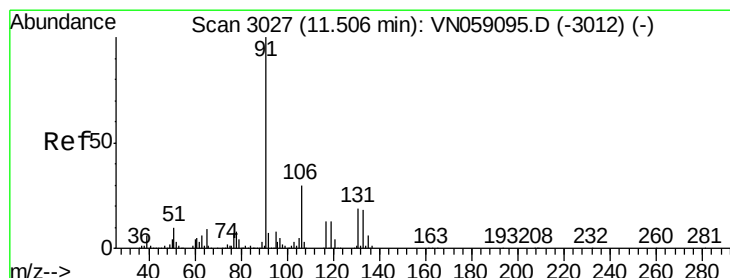
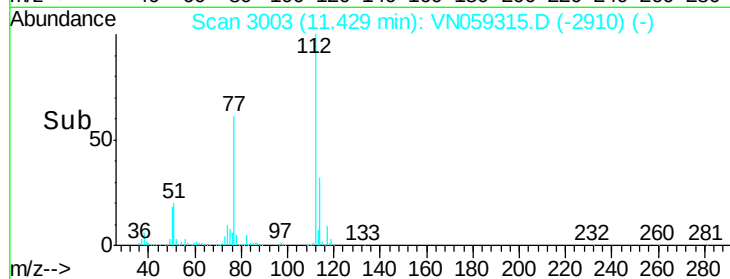
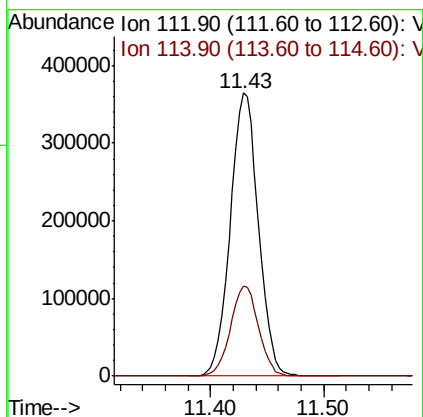
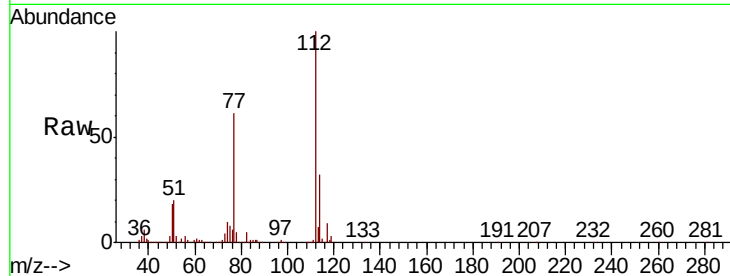




#65
Chlorobenzene
Concen: 60.008 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059315.D
Acq: 19 Nov 2019 19:04

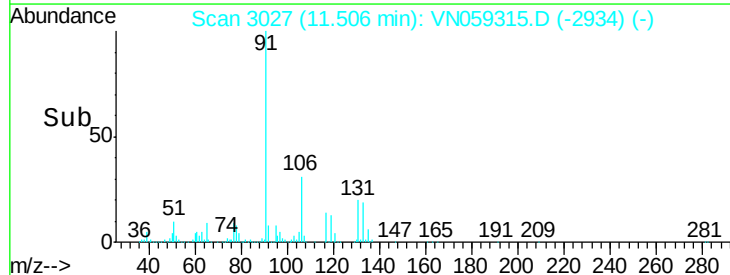
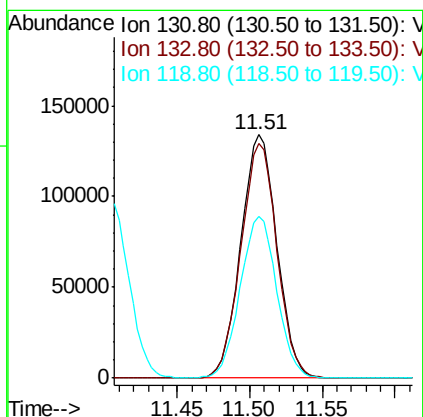
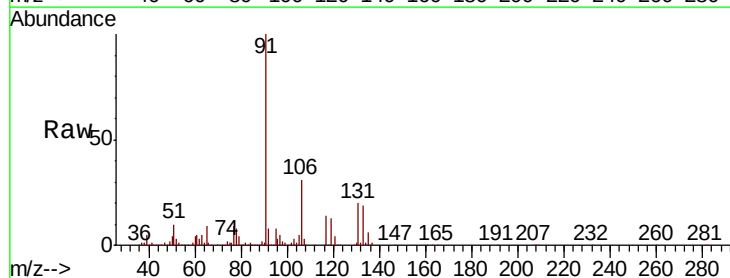
Instrument :
MSVOA_N
ClientSampled :

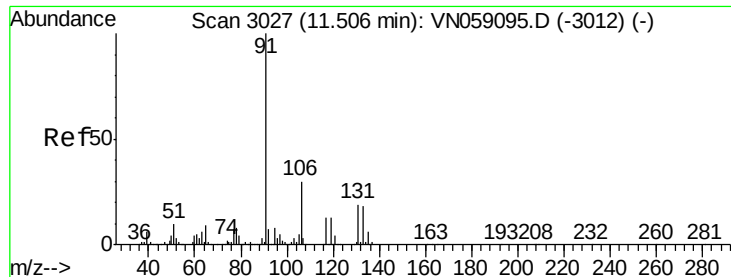
Tot Ion:112 Resp: 629971
Ion Ratio Lower Upper
112 100
114 31.7 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 58.839 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059315.D
Acq: 19 Nov 2019 19:04

Tgt Ion:131 Resp: 231713
Ion Ratio Lower Upper
131 100
133 96.3 47.4 142.3
119 67.4 33.2 99.6





#67

Ethyl Benzene

Concen: 62.357 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

Instrument :

MSVOA_N

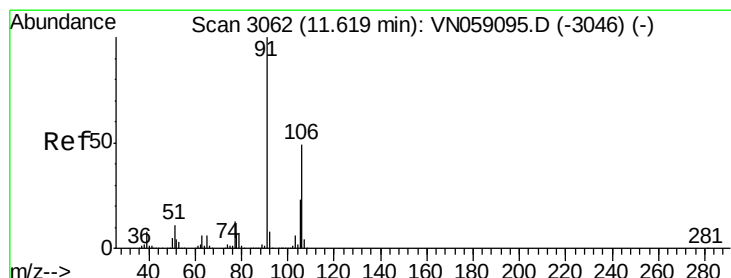
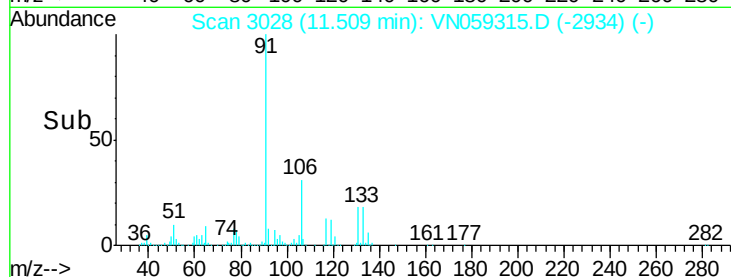
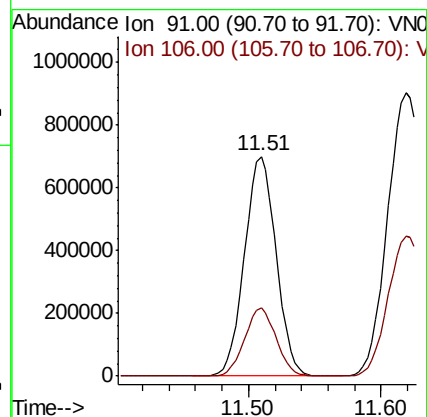
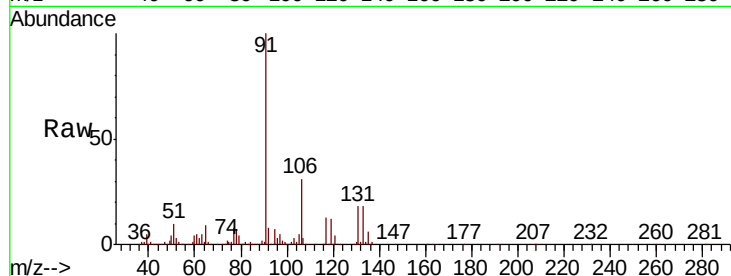
ClientSampleId :

Tot Ion: 91 Resp: 1161451

Ion Ratio Lower Upper

91 100

106 31.0 24.1 36.1



#68

m/p-Xylenes

Concen: 124.808 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059315.D

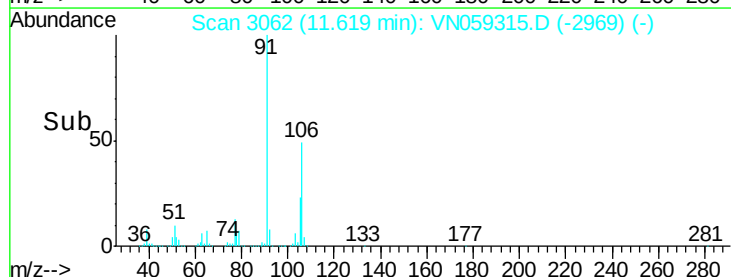
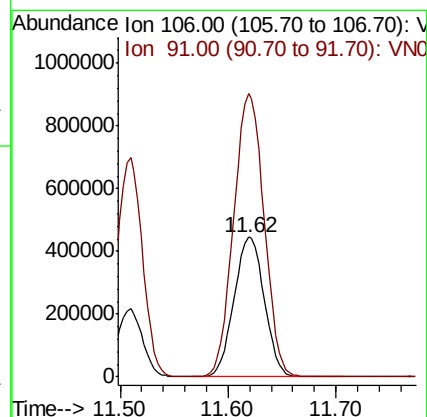
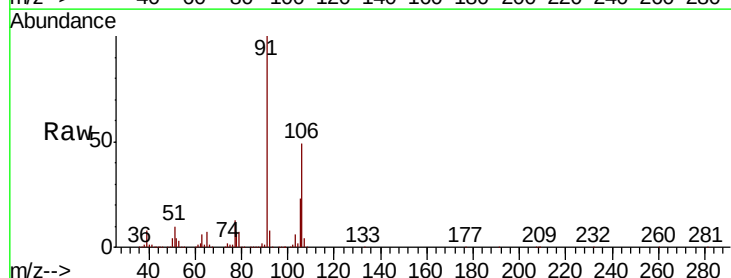
Acq: 19 Nov 2019 19:04

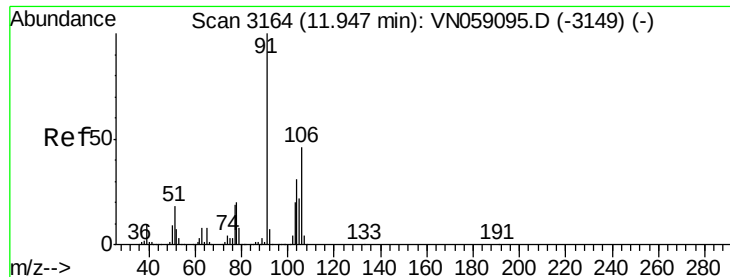
Tgt Ion: 106 Resp: 870796

Ion Ratio Lower Upper

106 100

91 203.9 164.7 247.1

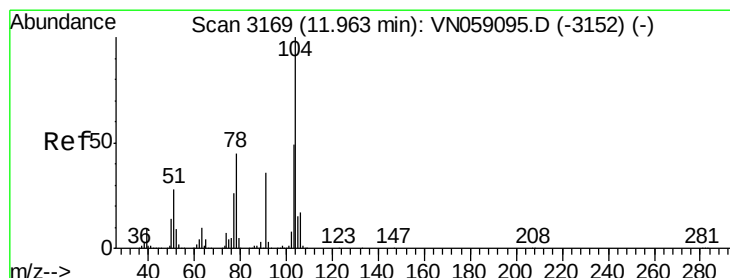
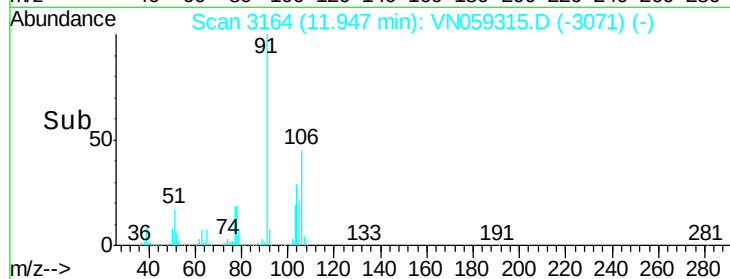
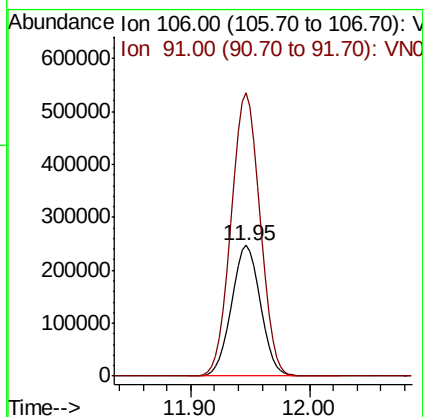
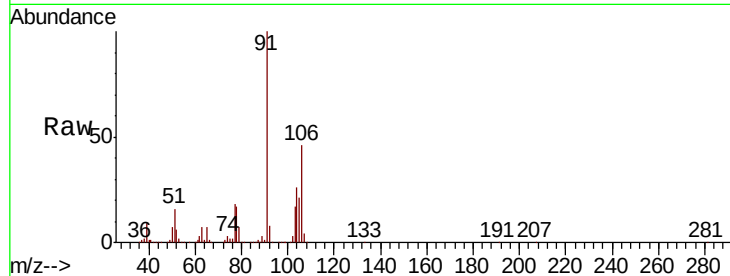




#69
o-Xylene
Concen: 61.862 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059315.D
Acq: 19 Nov 2019 19:04

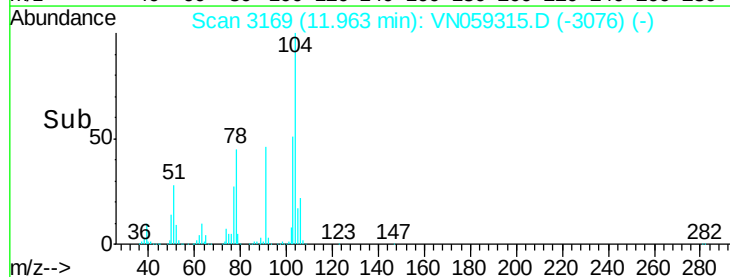
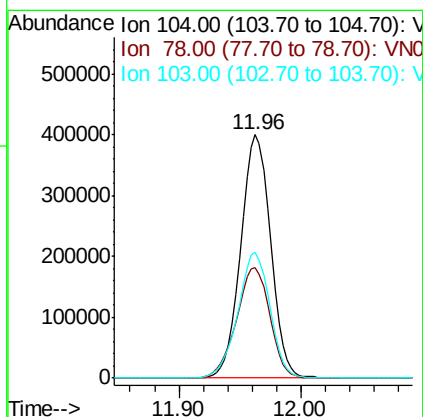
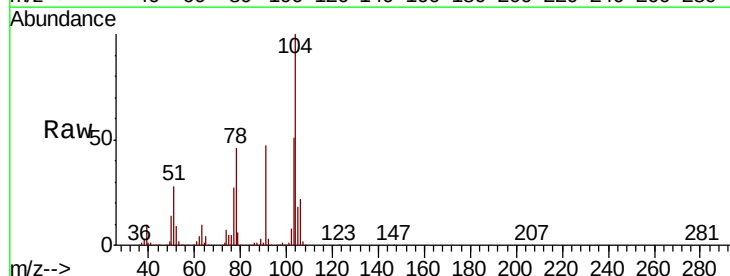
Instrument :
MSVOA_N
ClientSampled :

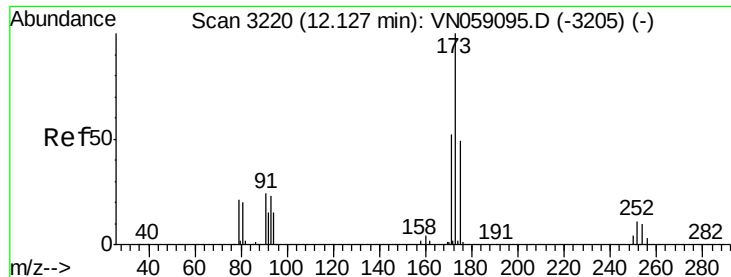
Tot Ion:106 Resp: 417111
Ion Ratio Lower Upper
106 100
91 216.3 110.1 330.3



#70
Styrene
Concen: 63.562 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059315.D
Acq: 19 Nov 2019 19:04

Tgt Ion:104 Resp: 674032
Ion Ratio Lower Upper
104 100
78 51.2 41.2 61.8
103 55.6 43.8 65.6

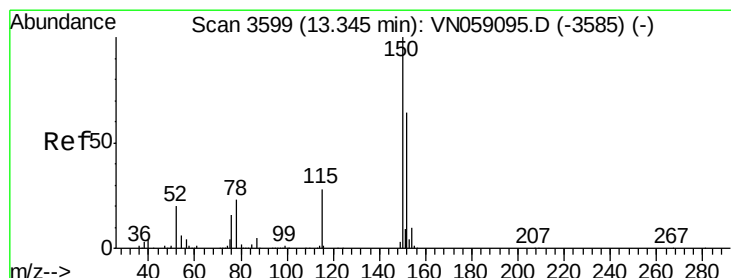
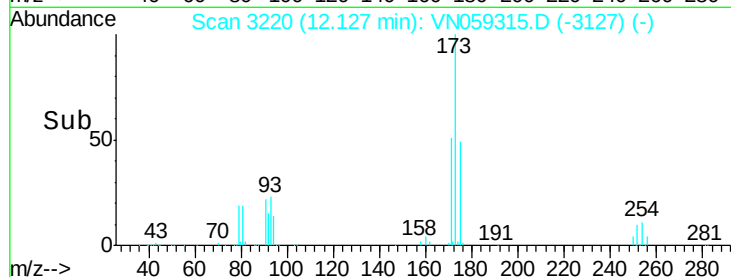
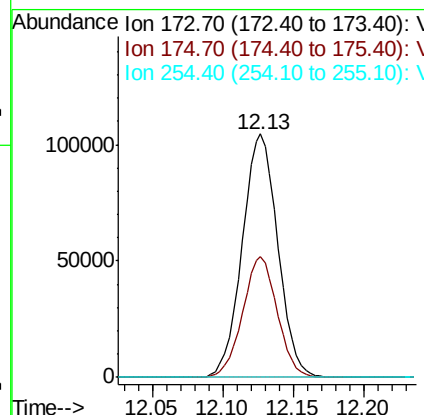
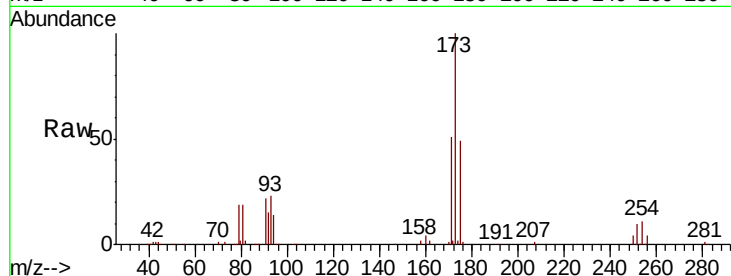




#71
Bromoform
Concen: 60.192 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN059315.D
Acq: 19 Nov 2019 19:04

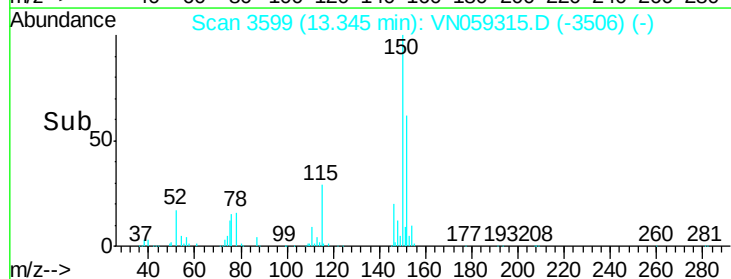
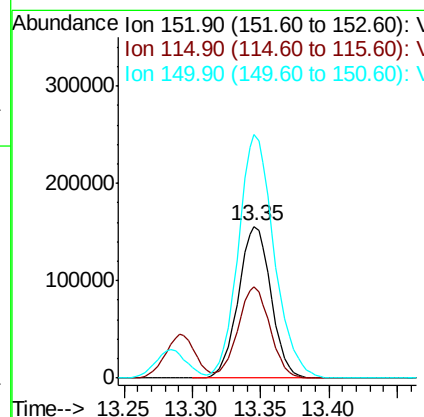
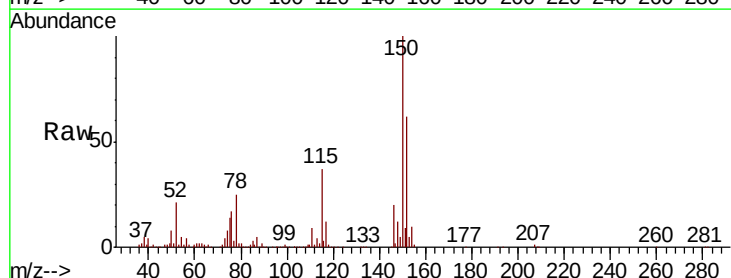
Instrument :
MSVOA_N
ClientSampled :

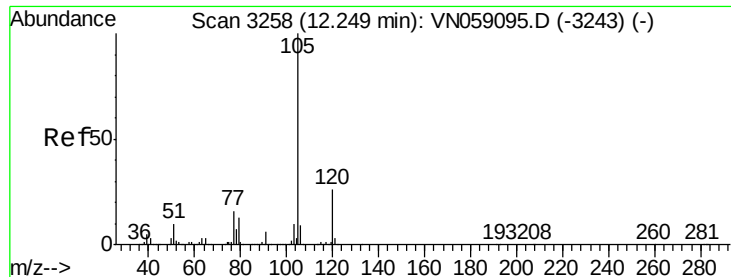
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.2	72.6
254	0.1	0.1	0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059315.D
Acq: 19 Nov 2019 19:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.4	88.2
150	175.8	0.0	345.8





#73

Isopropylbenzene

Concen: 59.220 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

Instrument :

MSVOA_N

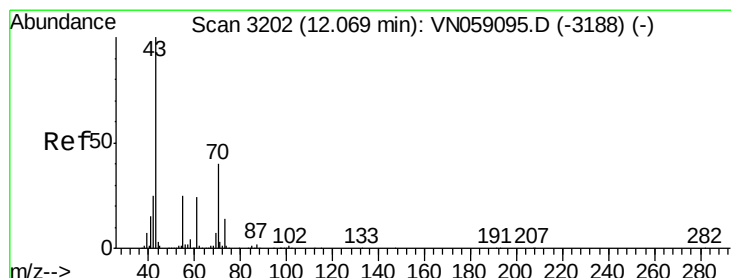
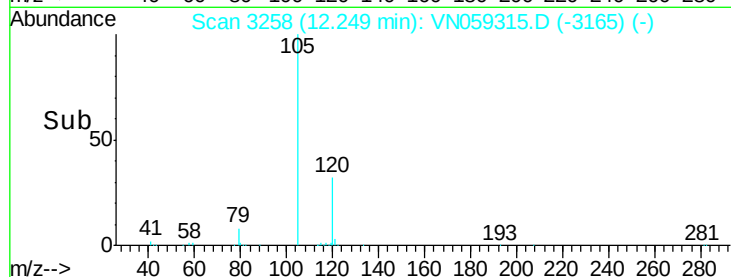
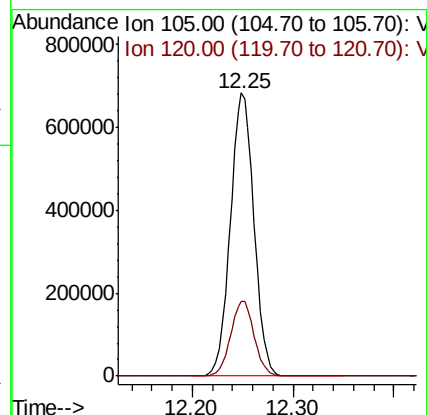
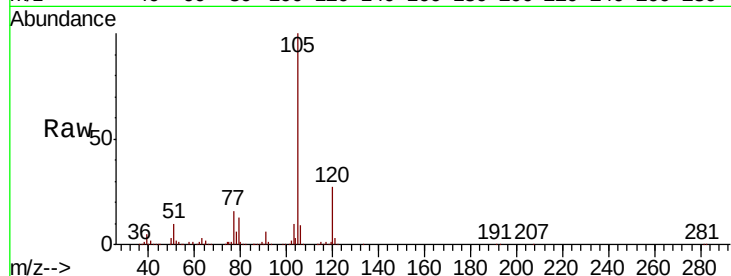
ClientSampleId :

Tot Ion:105 Resp: 1113302

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.3



#74

N-ethyl acetate

Concen: 58.887 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

Tgt Ion: 43 Resp: 469095

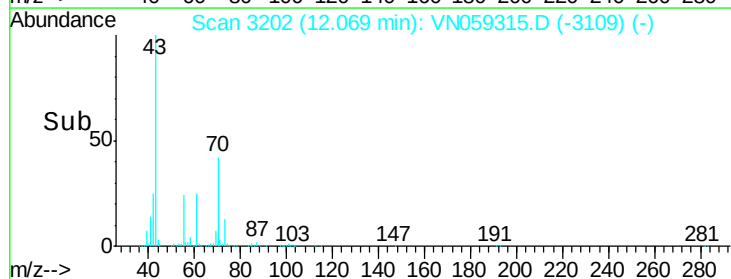
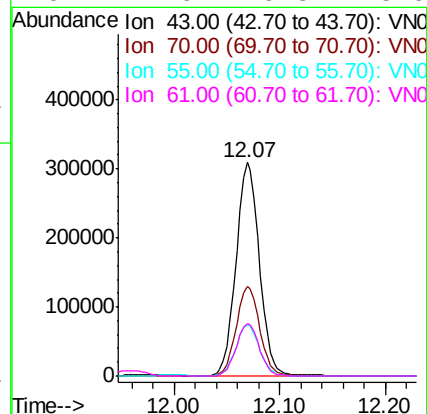
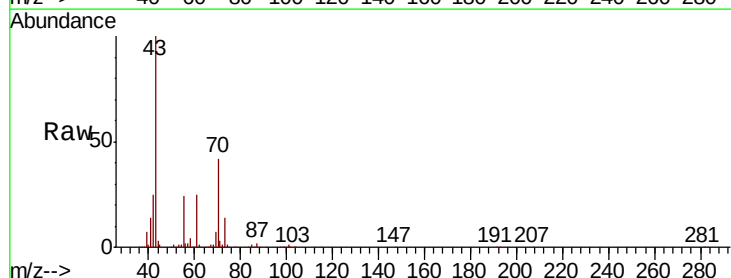
Ion Ratio Lower Upper

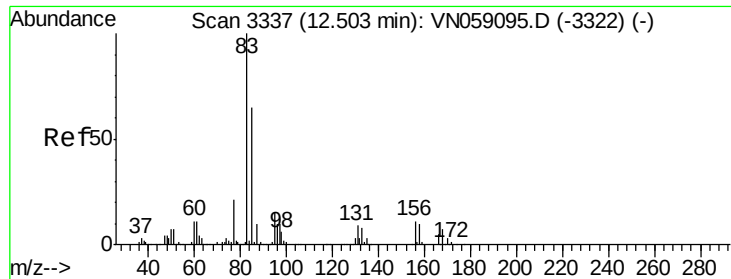
43 100

70 42.5 32.2 48.4

55 24.4 20.4 30.6

61 24.6 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 56.133 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

Instrument :

MSVOA_N

ClientSampled :

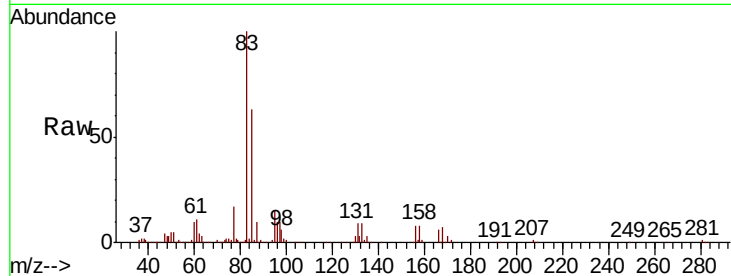
Tot Ion: 83 Resp: 359368

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.6

85 64.3 32.4 97.2

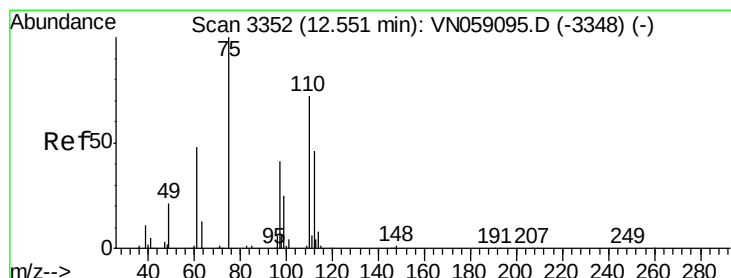
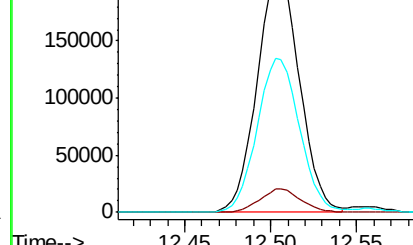
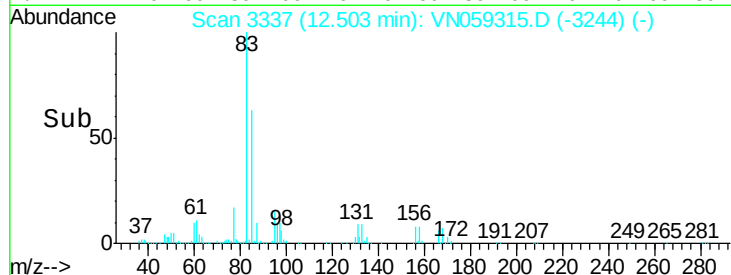


Abundance Ion 82.90 (82.60 to 83.60): VN059315.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN059315.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN059315.D (-3244) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 81.550 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059315.D

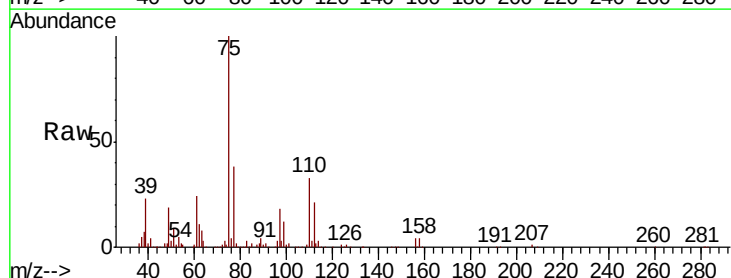
Acq: 19 Nov 2019 19:04

Tgt Ion: 75 Resp: 479832

Ion Ratio Lower Upper

75 100

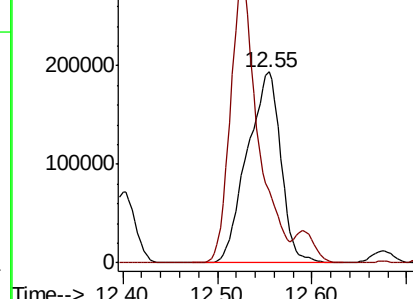
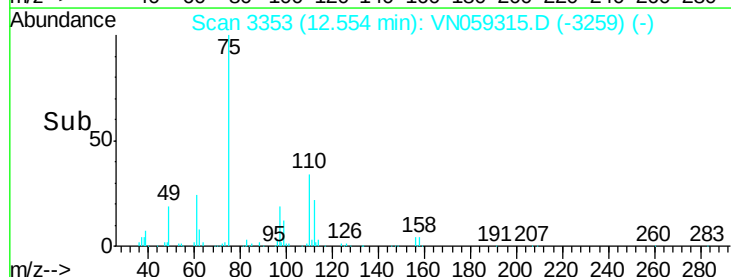
77 0.0 0.0 0.0

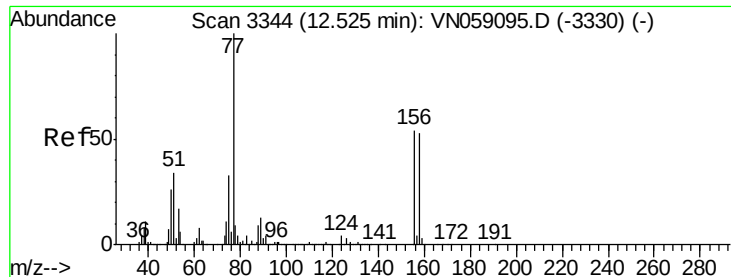


Abundance Ion 74.90 (74.60 to 75.60): VN059315.D (-3259) (-)

Ion 77.00 (76.70 to 77.70): VN059315.D (-3259) (-)

Time-->





#77

Bromobenzene

Concen: 55.849 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

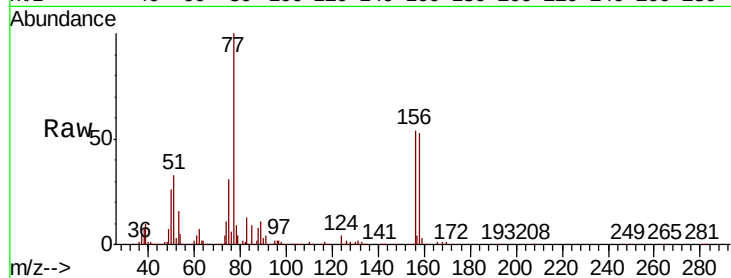
Tot Ion:156 Resp: 263787

Ion Ratio Lower Upper

156 100

77 223.0 112.8 338.3

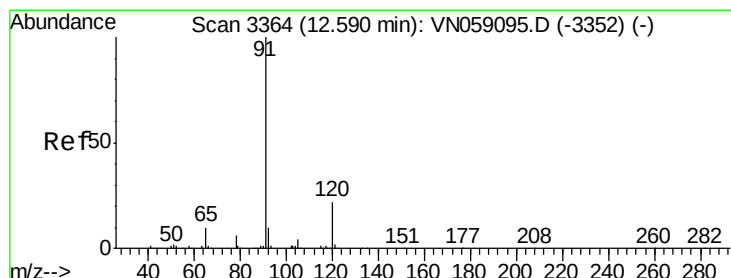
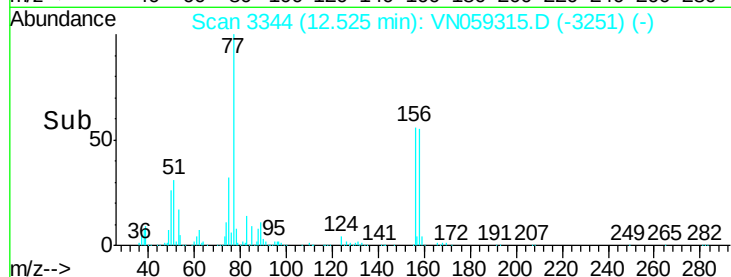
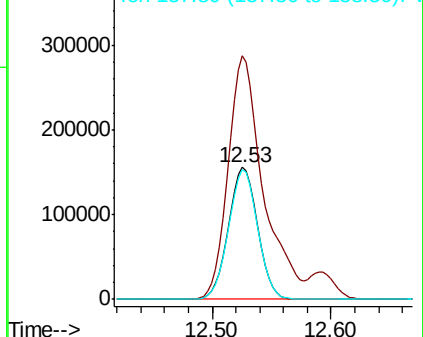
158 97.9 48.4 145.3



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: 60.502 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059315.D

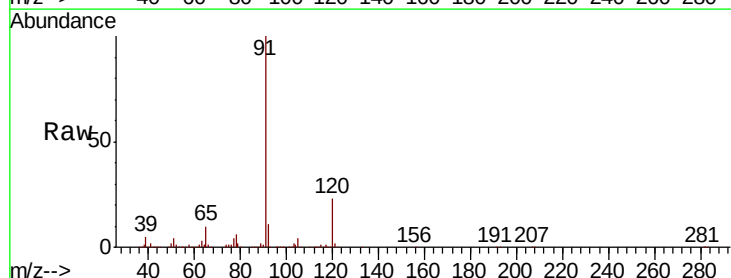
Acq: 19 Nov 2019 19:04

Tgt Ion: 91 Resp: 1302316

Ion Ratio Lower Upper

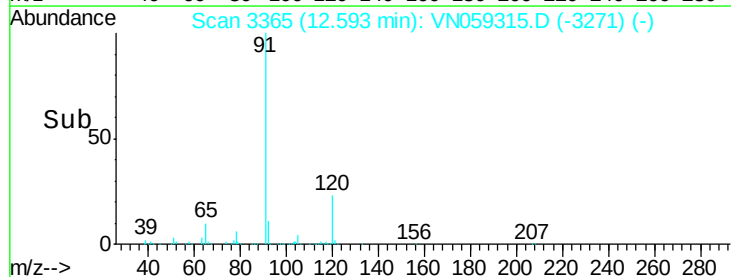
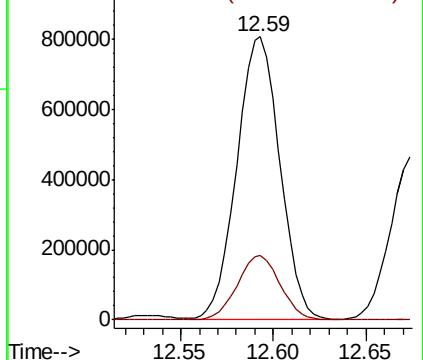
91 100

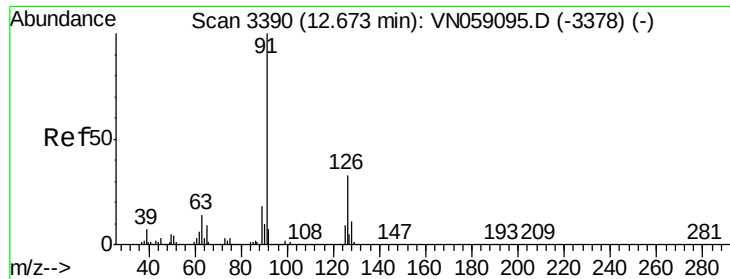
120 22.4 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 57.589 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

Instrument :

MSVOA_N

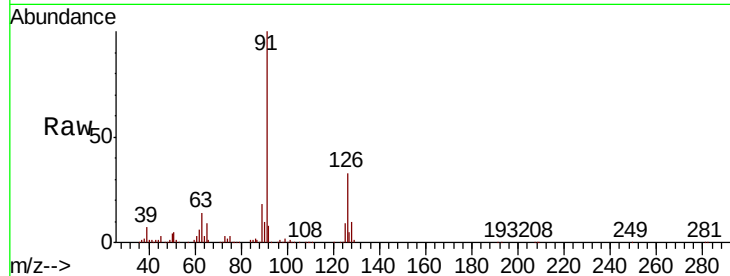
ClientSampled :

Tot Ion: 91 Resp: 768996

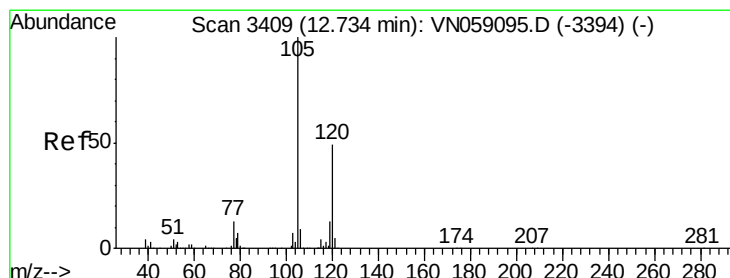
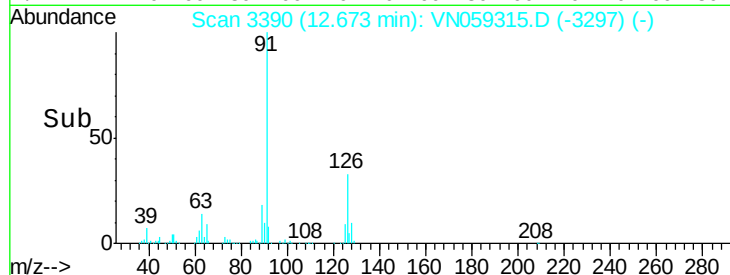
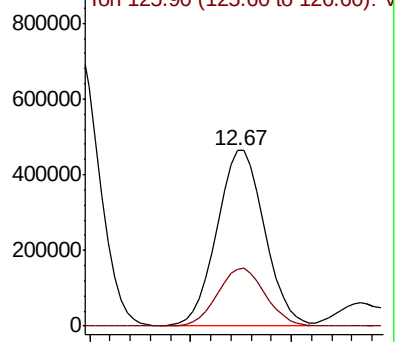
Ion Ratio Lower Upper

91 100

126 33.1 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN059095.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 59.058 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059315.D

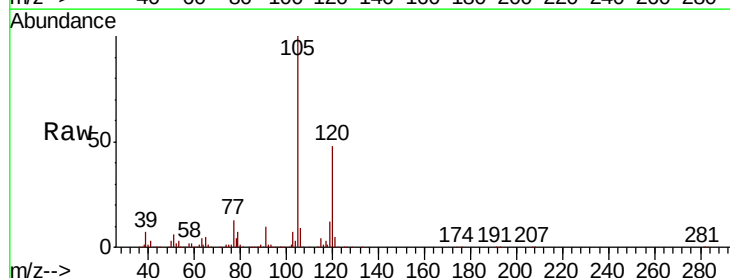
Acq: 19 Nov 2019 19:04

Tgt Ion: 105 Resp: 940778

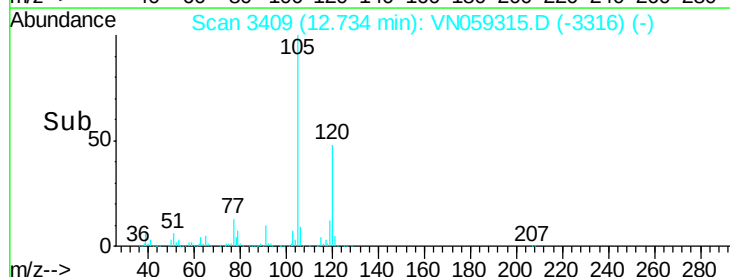
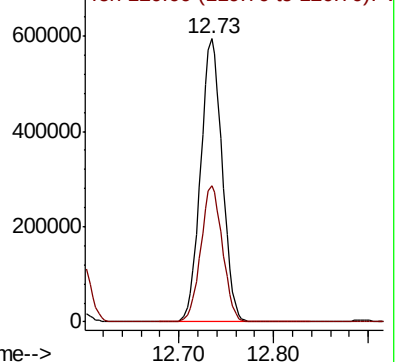
Ion Ratio Lower Upper

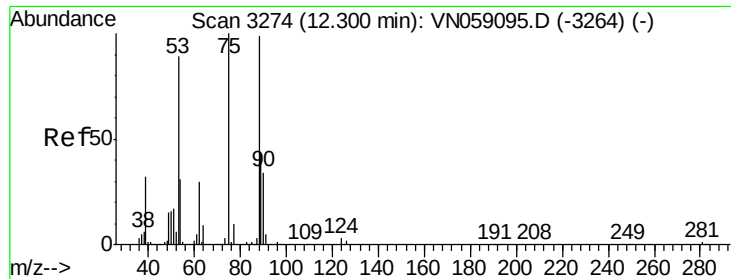
105 100

120 48.4 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): VN059095.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 57.907 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

Instrument :

MSVOA_N

ClientSampled :

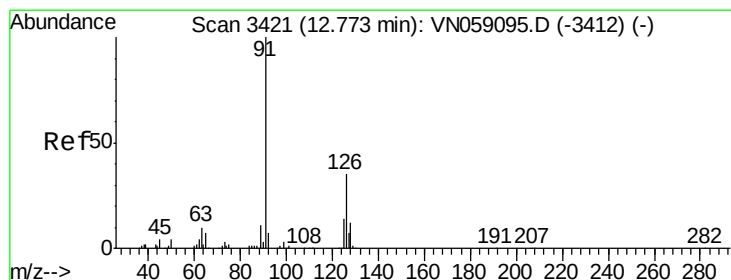
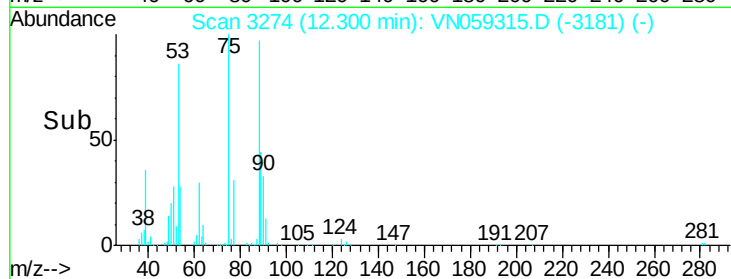
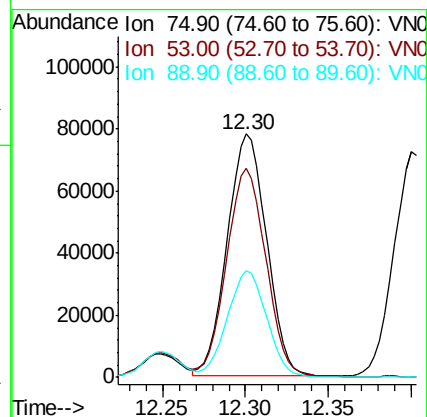
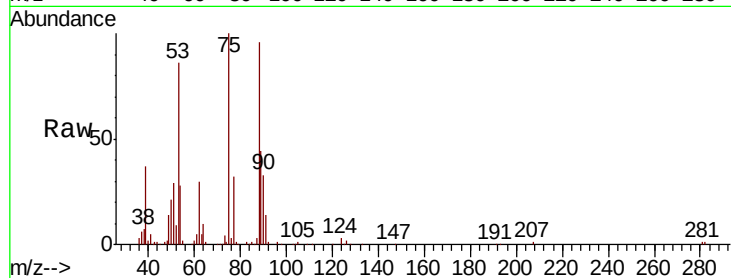
Tot Ion: 75 Resp: 128997

Ion Ratio Lower Upper

75 100

53 86.7 72.2 108.2

89 44.1 35.8 53.8



#82

4-Chlorotoluene

Concen: 58.621 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN059315.D

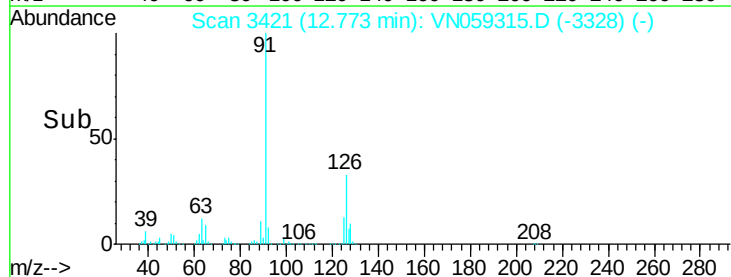
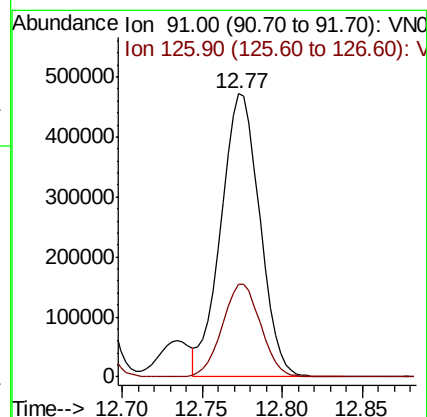
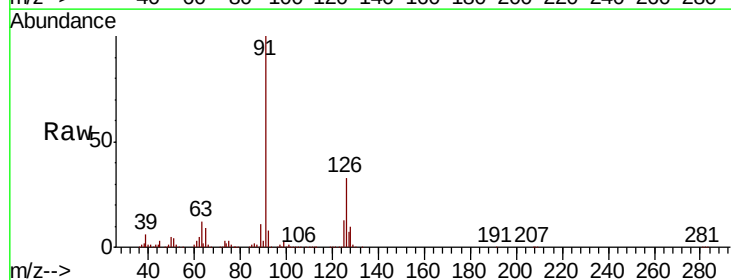
Acq: 19 Nov 2019 19:04

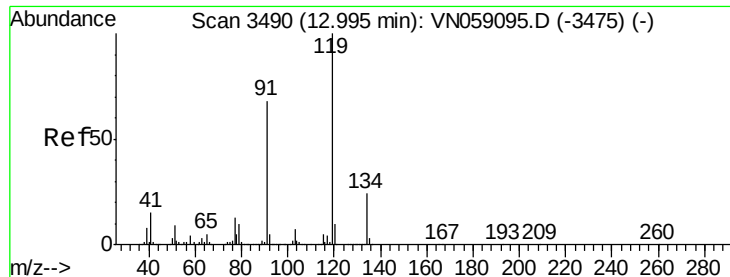
Tgt Ion: 91 Resp: 785113

Ion Ratio Lower Upper

91 100

126 32.3 16.1 48.2

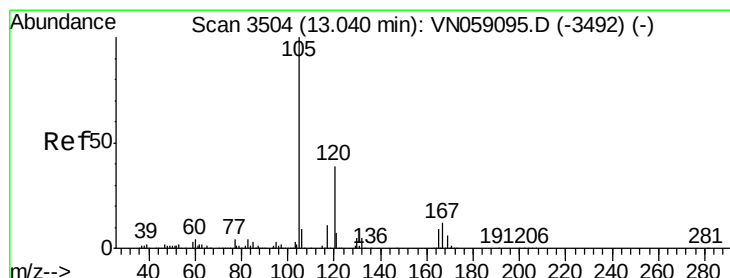
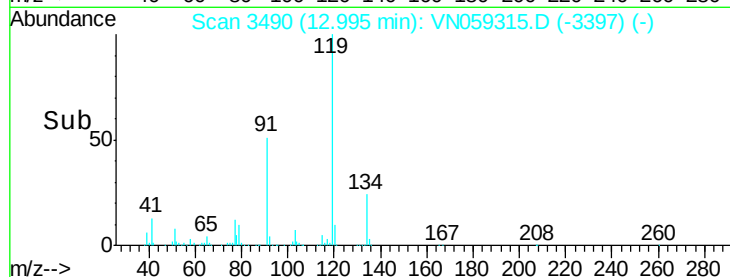
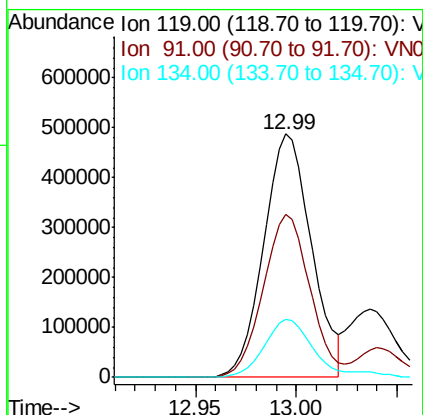
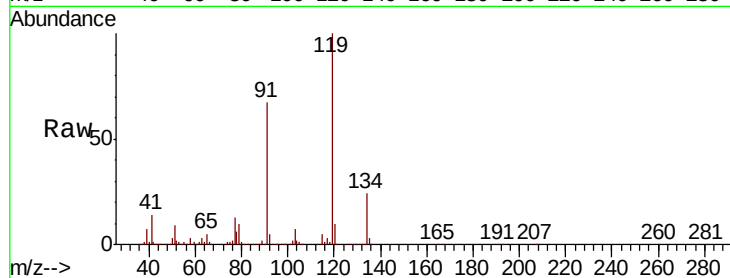




#83
 tert-Butylbenzene
 Concen: 58.299 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN059315.D
 Acq: 19 Nov 2019 19:04

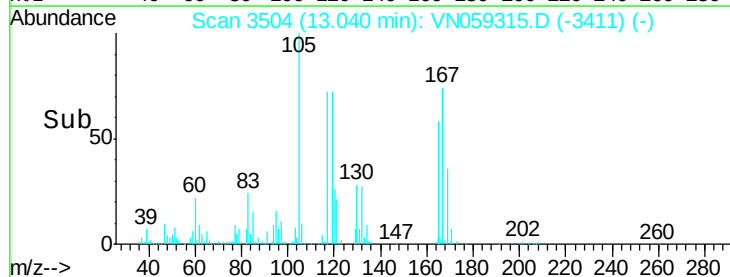
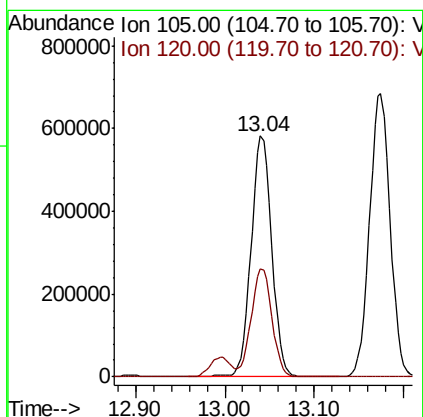
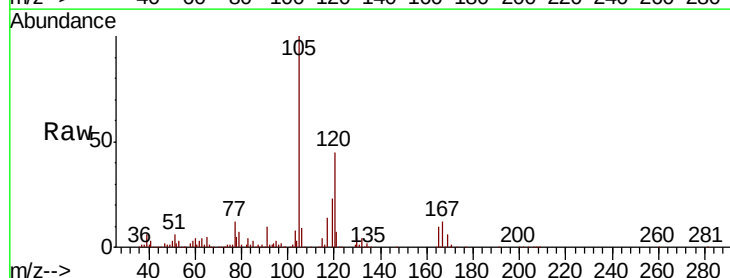
Instrument :
 MSVOA_N
 ClientSampled :

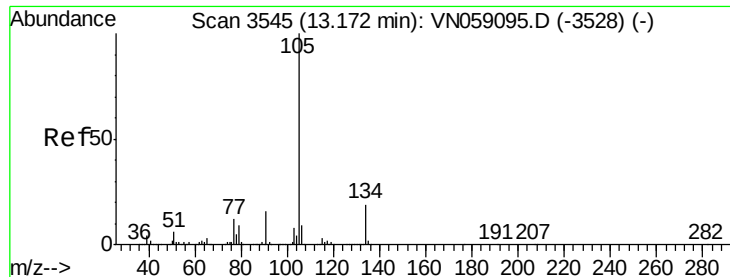
Tot Ion:119 Resp: 801991
 Ion Ratio Lower Upper
 119 100
 91 65.6 33.2 99.6
 134 25.3 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 60.991 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN059315.D
 Acq: 19 Nov 2019 19:04

Tgt Ion:105 Resp: 939991
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.8 68.4





#85

sec-Butylbenzene

Concen: 60.834 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

Instrument :

MSVOA_N

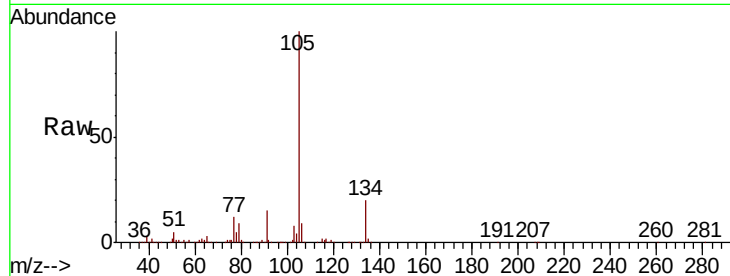
ClientSampleId :

Tot Ion:105 Resp: 1088382

Ion Ratio Lower Upper

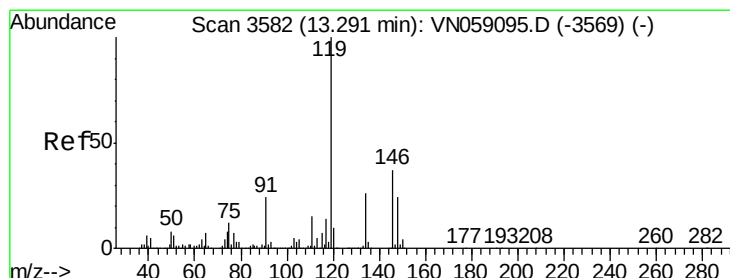
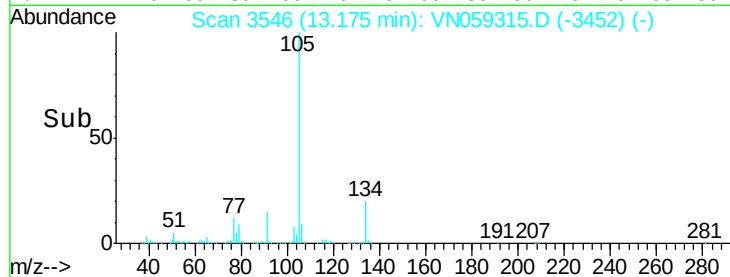
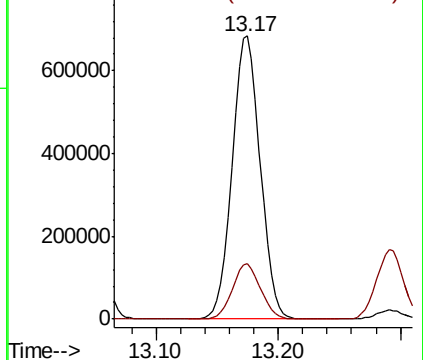
105 100

134 19.6 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 62.156 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

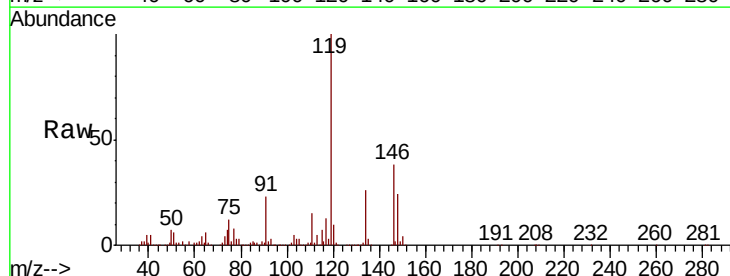
Tgt Ion:119 Resp: 981896

Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

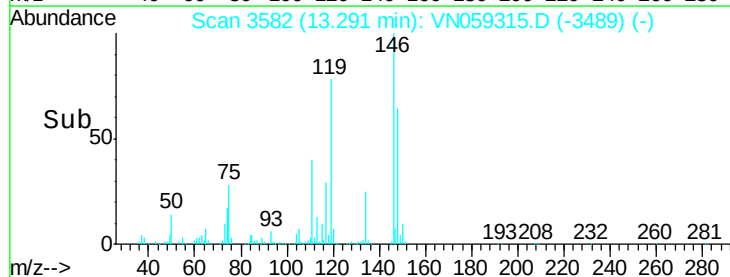
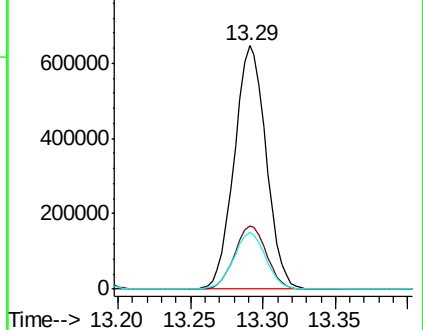
91 23.4 11.7 35.1

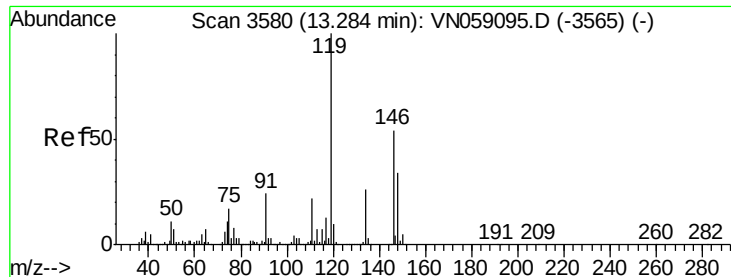


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

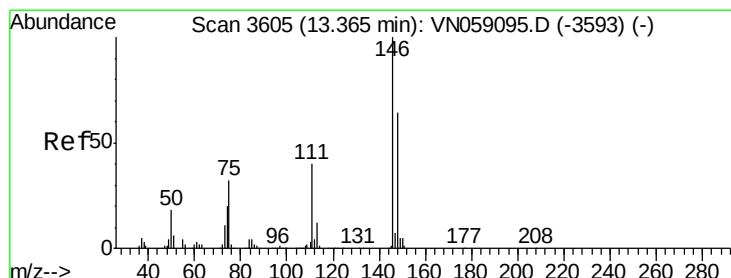
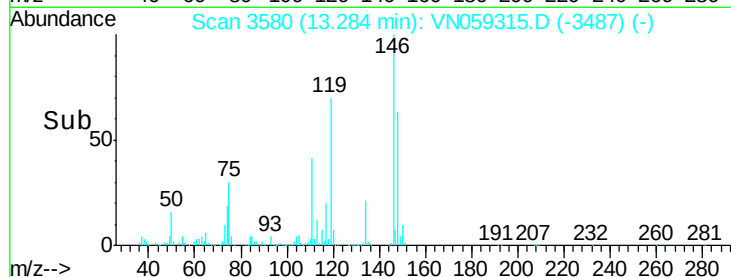
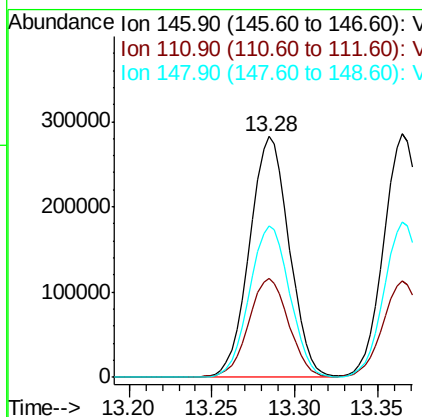
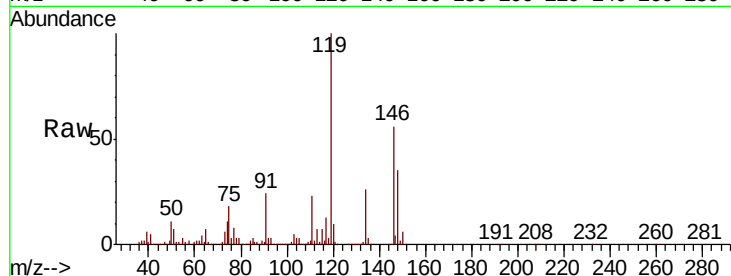




#87
 1,3-Dichlorobenzene
 Concen: 57.946 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN059315.D
 Acq: 19 Nov 2019 19:04

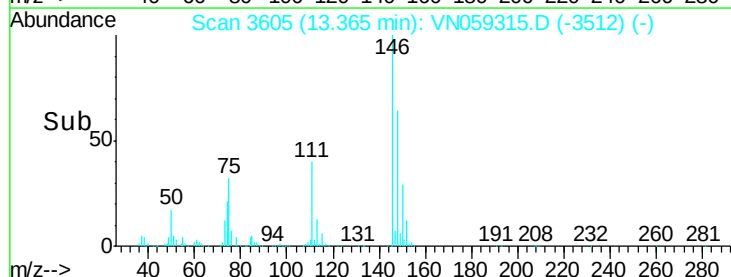
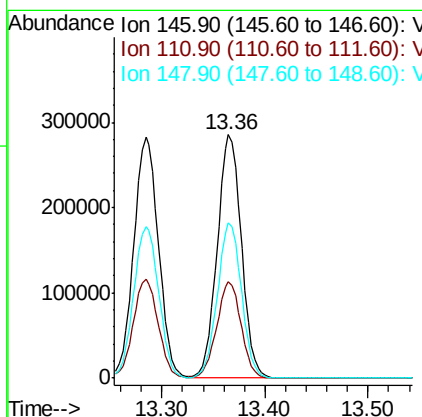
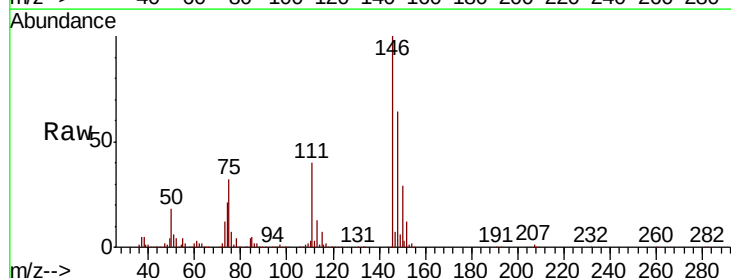
Instrument :
 MSVOA_N
 ClientSampled :

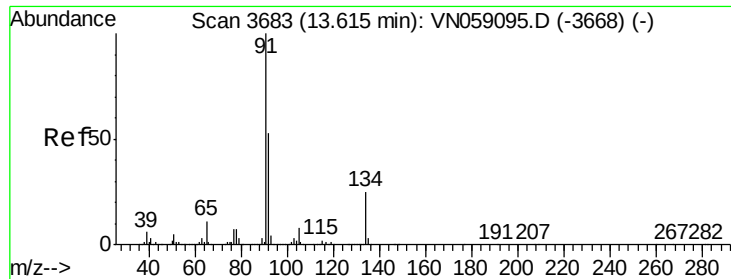
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.4	61.3
148	64.0	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 57.424 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN059315.D
 Acq: 19 Nov 2019 19:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.3	60.9
148	63.3	31.9	95.7

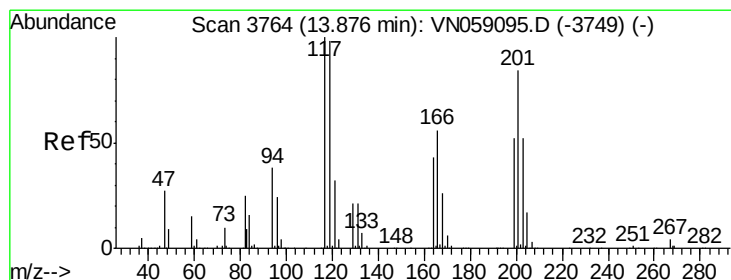
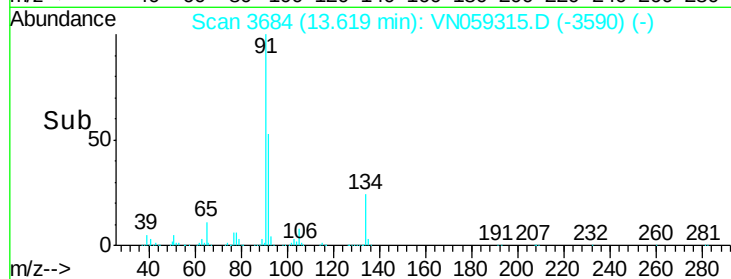
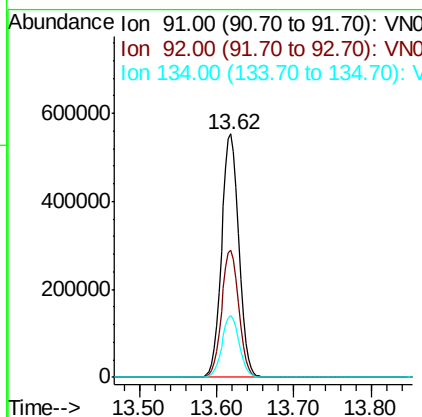
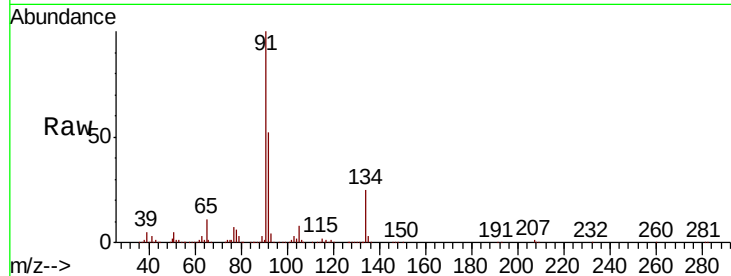




#89
n-Butylbenzene
Concen: 62.470 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059315.D
Acq: 19 Nov 2019 19:04

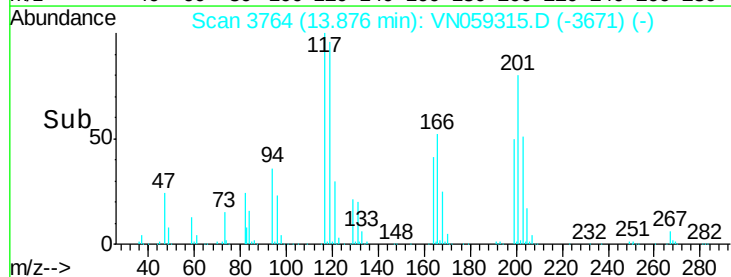
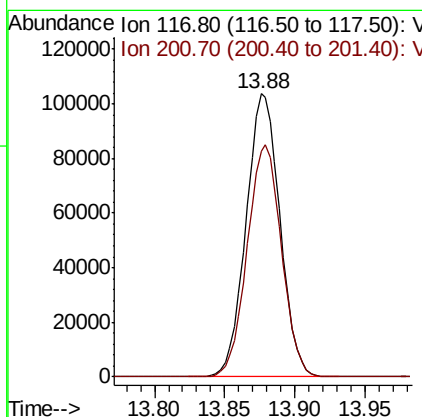
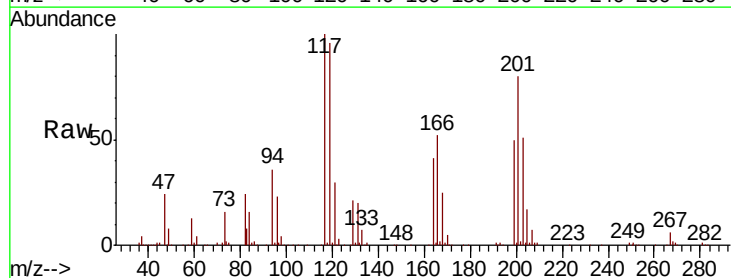
Instrument :
MSVOA_N
ClientSampleId :

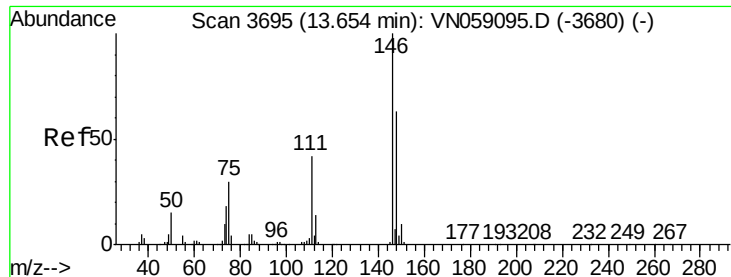
Tot Ion: 91 Resp: 863733
Ion Ratio Lower Upper
91 100
92 51.9 26.1 78.3
134 25.3 12.6 37.8



#90
Hexachloroethane
Concen: 55.080 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059315.D
Acq: 19 Nov 2019 19:04

Tgt Ion: 117 Resp: 174720
Ion Ratio Lower Upper
117 100
201 82.9 41.8 125.3





#91

1,2-Dichlorobenzene

Concen: 57.448 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

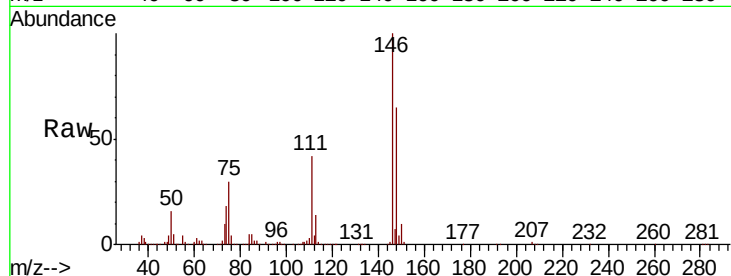
Tot Ion:146 Resp: 457069

Ion Ratio Lower Upper

146 100

111 42.5 21.2 63.6

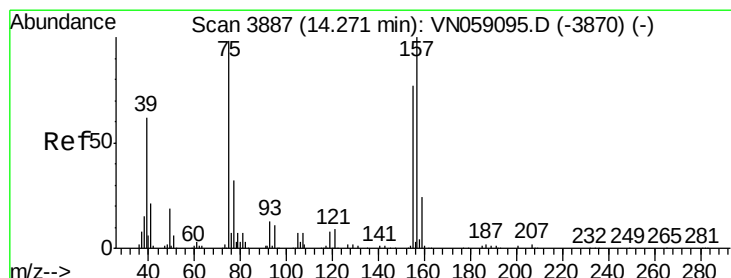
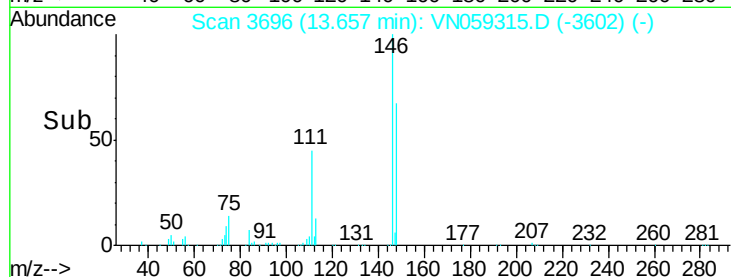
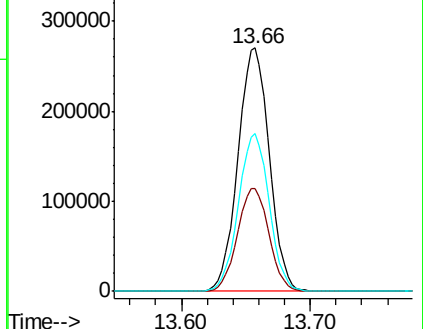
148 63.7 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.711 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN059315.D

Acq: 19 Nov 2019 19:04

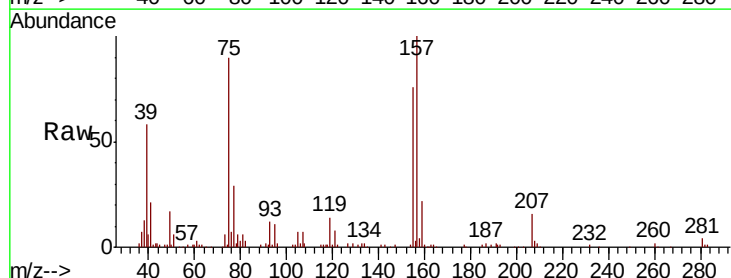
Tgt Ion: 75 Resp: 69884

Ion Ratio Lower Upper

75 100

155 83.8 40.2 120.6

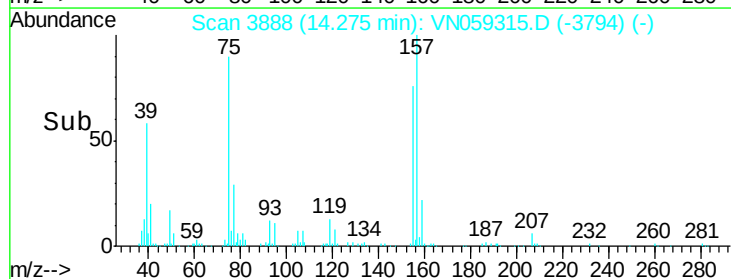
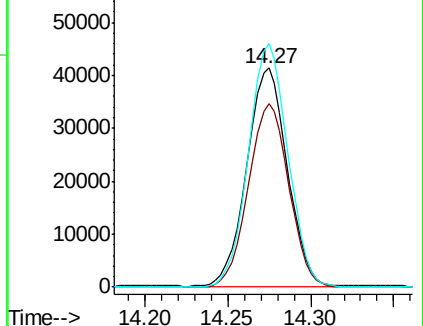
157 108.7 51.8 155.5

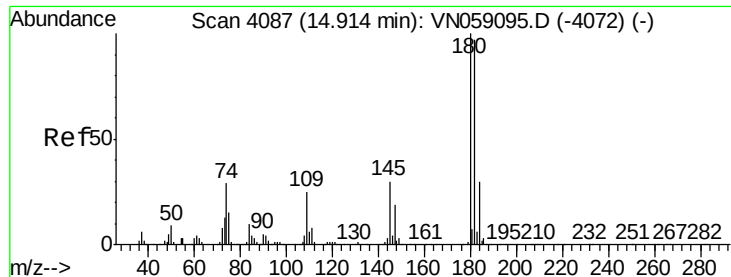


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

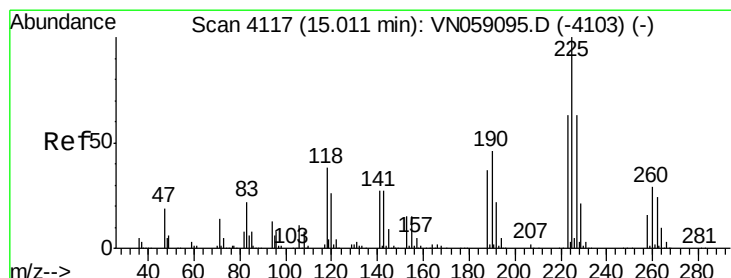
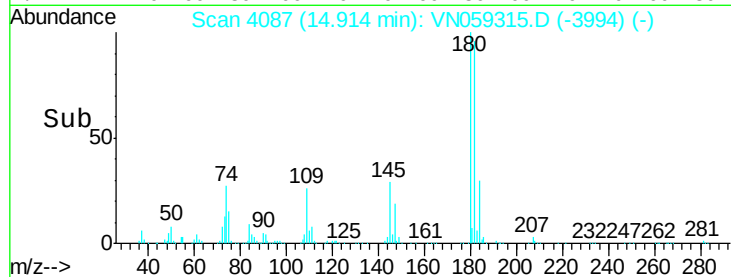
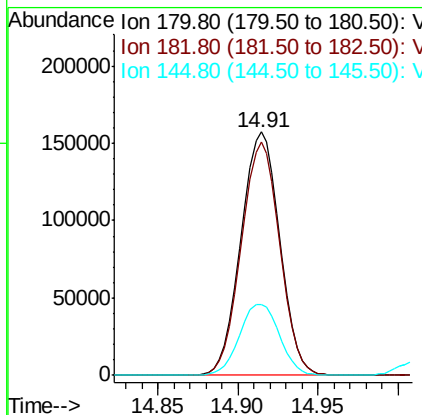
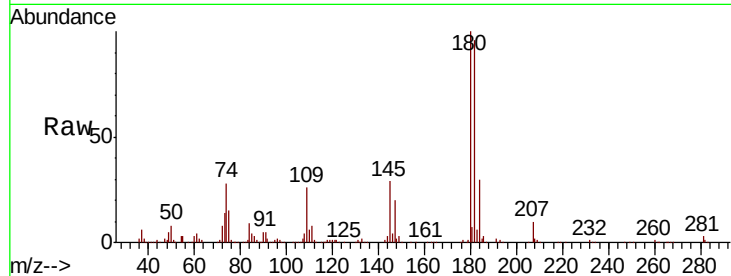




#93
 1,2,4-Trichlorobenzene
 Concen: 53.544 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059315.D
 Acq: 19 Nov 2019 19:04

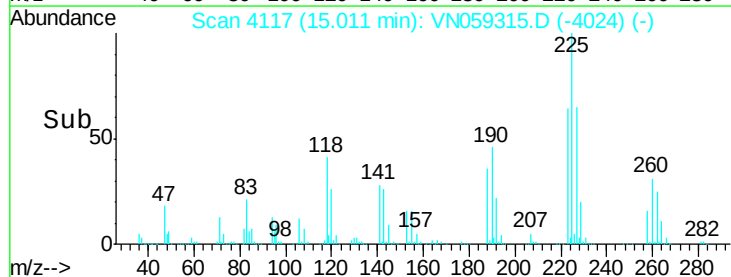
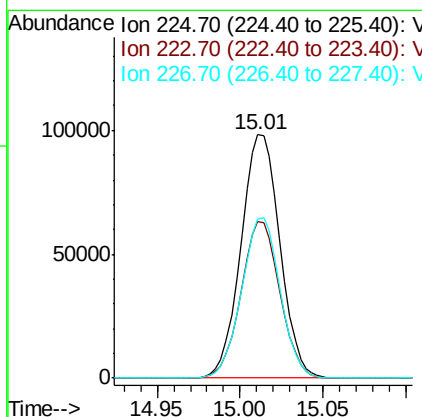
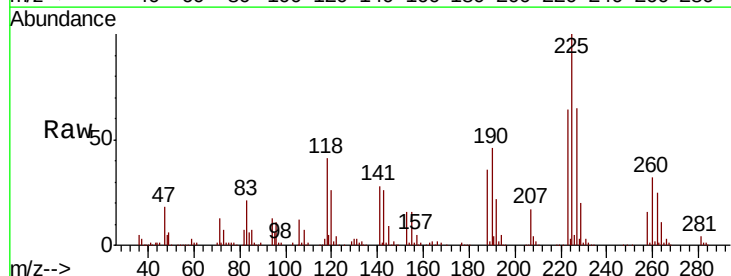
Instrument :
 MSVOA_N
 ClientSampled :

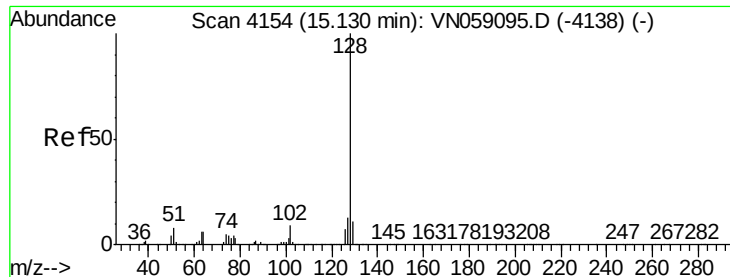
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.1	144.3
145	30.3	15.1	45.3



#94
 Hexachlorobutadiene
 Concen: 58.411 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059315.D
 Acq: 19 Nov 2019 19:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.3	93.9
227	65.1	31.5	94.5

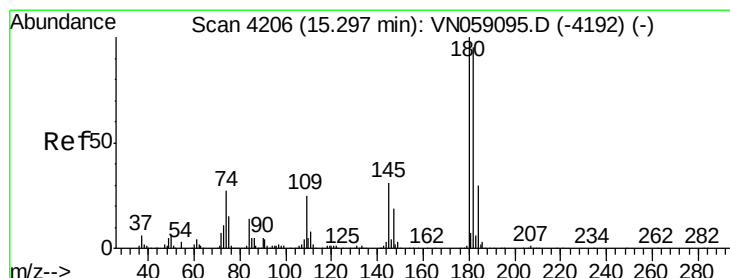
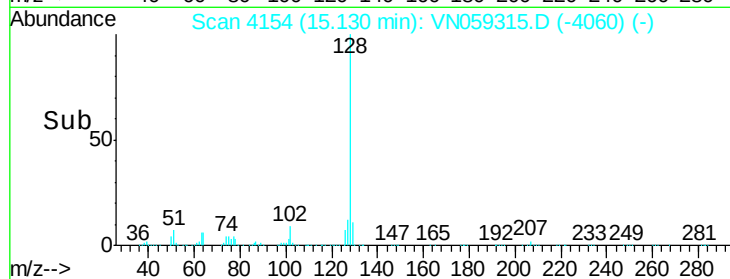
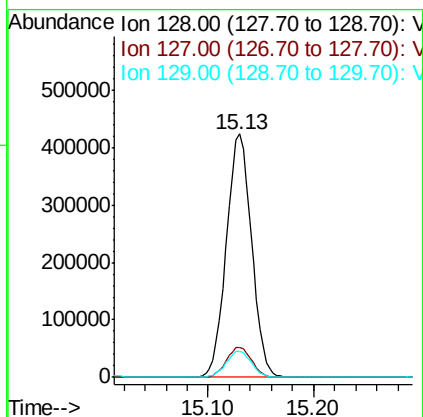
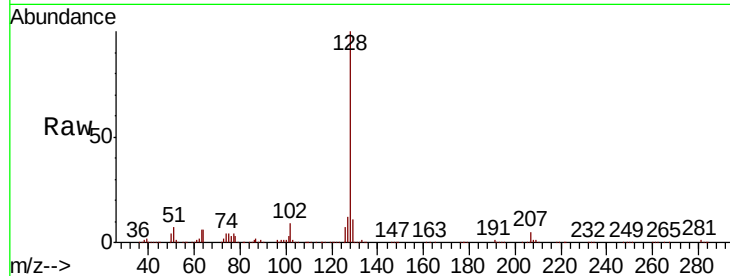




#95
Naphthalene
Concen: 52.241 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059315.D
Acq: 19 Nov 2019 19:04

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	10.8	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 56.712 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. -0.00 min
Lab File: VN059315.D
Acq: 19 Nov 2019 19:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.3	141.8
145	31.8	15.8	47.3

