

Data File : VN059540.D
Acq On : 10 Dec 2019 12:36
Operator : JC/SP
Sample : VN1210MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

Quant Time: Dec 11 06:14:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 10 01:09:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	259025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	523837	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	387439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	187029	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	192787	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
35) Dibromofluoromethane	7.57	113	129970	41.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.16%	
50) Toluene-d8	10.08	98	542445	42.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.00%	
62) 4-Bromofluorobenzene	12.40	95	183933	38.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.88%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	60508	20.253	ug/l	98
3) Chloromethane	2.04	50	94915	20.987	ug/l	99
4) Vinyl Chloride	2.17	62	91825	20.599	ug/l	99
5) Bromomethane	2.55	94	56909	20.960	ug/l	98
6) Chloroethane	2.68	64	54939	20.639	ug/l	98
7) Trichlorofluoromethane	3.00	101	110272	20.694	ug/l	100
8) Diethyl Ether	3.39	74	35539	19.461	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	56066	20.217	ug/l	99
10) Methyl Iodide	3.93	142	75305	20.054	ug/l	100
11) Tert butyl alcohol	4.75	59	65229	108.912	ug/l	97
12) 1,1-Dichloroethene	3.71	96	53576	19.873	ug/l	95
13) Acrolein	3.58	56	39734	136.333	ug/l	98
14) Allyl chloride	4.30	41	98472	18.987	ug/l	91
15) Acrylonitrile	4.95	53	168207	106.487	ug/l	100
16) Acetone	3.79	43	163198	96.502	ug/l	100
17) Carbon Disulfide	4.03	76	178402	20.561	ug/l	99
18) Methyl Acetate	4.30	43	91201	20.540	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	194620	21.717	ug/l	99
20) Methylene Chloride	4.52	84	66155	21.552	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	61436	21.232	ug/l	97
22) Diisopropyl ether	5.92	45	212513	21.525	ug/l	97
23) Vinyl Acetate	5.86	43	909692	110.458	ug/l	100
24) 1,1-Dichloroethane	5.82	63	122344	21.826	ug/l	99
25) 2-Butanone	6.81	43	239100	105.037	ug/l	99
26) 2,2-Dichloropropane	6.80	77	108671	21.459	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	68604	21.079	ug/l	98
28) Bromochloromethane	7.17	49	42069	21.542	ug/l	99
29) Tetrahydrofuran	7.19	42	161076	101.729	ug/l	99
30) Chloroform	7.35	83	117924	21.316	ug/l	97
31) Cyclohexane	7.63	56	111375	20.417	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	105652	21.527	ug/l	99
36) 1,1-Dichloropropene	7.77	75	90370	16.815	ug/l	100
37) Ethyl Acetate	6.90	43	99122	16.867	ug/l	99
38) Carbon Tetrachloride	7.75	117	93108	17.576	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	129433	21.470	ug/l	98
40) Benzene	8.02	78	317478	20.678	ug/l	99
41) Methacrylonitrile	7.18	41	149323	57.173	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	111888	19.560	ug/l	97
43) Isopropyl Acetate	8.14	43	182662	19.689	ug/l	96
44) Trichloroethene	8.82	130	84168	21.700	ug/l	99
45) 1,2-Dichloropropane	9.10	63	90146	22.164	ug/l	98
46) Dibromomethane	9.19	93	54418	20.245	ug/l	96
47) Bromodichloromethane	9.39	83	110452	20.676	ug/l	98
48) Methyl methacrylate	9.19	41	82069	20.232	ug/l	90
49) 1,4-Dioxane	9.18	88	26794	516.257	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	566061	95.529	ug/l	100
52) Toluene	10.15	92	161864	17.694	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	107228	17.228	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	136949	21.498	ug/l	90
55) 1,1,2-Trichloroethane	10.56	97	64193	17.351	ug/l	99
56) Ethyl methacrylate	10.42	69	94132	16.268	ug/l	98
57) 1,3-Dichloropropane	10.70	76	109901	17.393	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	182237	120.238	ug/l	99
59) 2-Hexanone	10.75	43	361692	81.837	ug/l	99
60) Dibromochloromethane	10.90	129	68300	16.192	ug/l	98
61) 1,2-Dibromoethane	11.00	107	66264	17.205	ug/l	98
64) Tetrachloroethene	10.63	164	59999	21.189	ug/l	99
65) Chlorobenzene	11.43	112	169881	20.926	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	63959	21.124	ug/l	98
67) Ethyl Benzene	11.51	91	311543	21.326	ug/l	98
68) m/p-Xylenes	11.62	106	228387	41.676	ug/l	96
69) o-Xylene	11.95	106	108983	21.367	ug/l	96
70) Styrene	11.96	104	174386	20.637	ug/l	98
71) Bromoform	12.13	173	48832	20.497	ug/l #	100
73) Isopropylbenzene	12.25	105	295716	21.079	ug/l	100
74) N-amyl acetate	12.07	43	132660	21.708	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	95779	20.148	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	134978	28.221	ug/l #	100
77) Bromobenzene	12.53	156	72575	20.779	ug/l	96
78) n-propylbenzene	12.59	91	355681	20.632	ug/l	99
79) 2-Chlorotoluene	12.67	91	209587	20.388	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	252783	21.012	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	34857	19.608	ug/l	89
82) 4-Chlorotoluene	12.77	91	219351	20.868	ug/l	99
83) tert-Butylbenzene	12.99	119	213394	21.271	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	255001	21.467	ug/l	98
85) sec-Butylbenzene	13.17	105	310562	22.538	ug/l	99
86) p-Isopropyltoluene	13.29	119	264307	21.461	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	130542	20.292	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	132806	21.084	ug/l	99
89) n-Butylbenzene	13.62	91	244339	21.129	ug/l	98
90) Hexachloroethane	13.88	117	49646	21.950	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	128379	21.265	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22760	22.091	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121019\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Tue Dec 10 01:09:52 2019
Response via : Initial Calibration

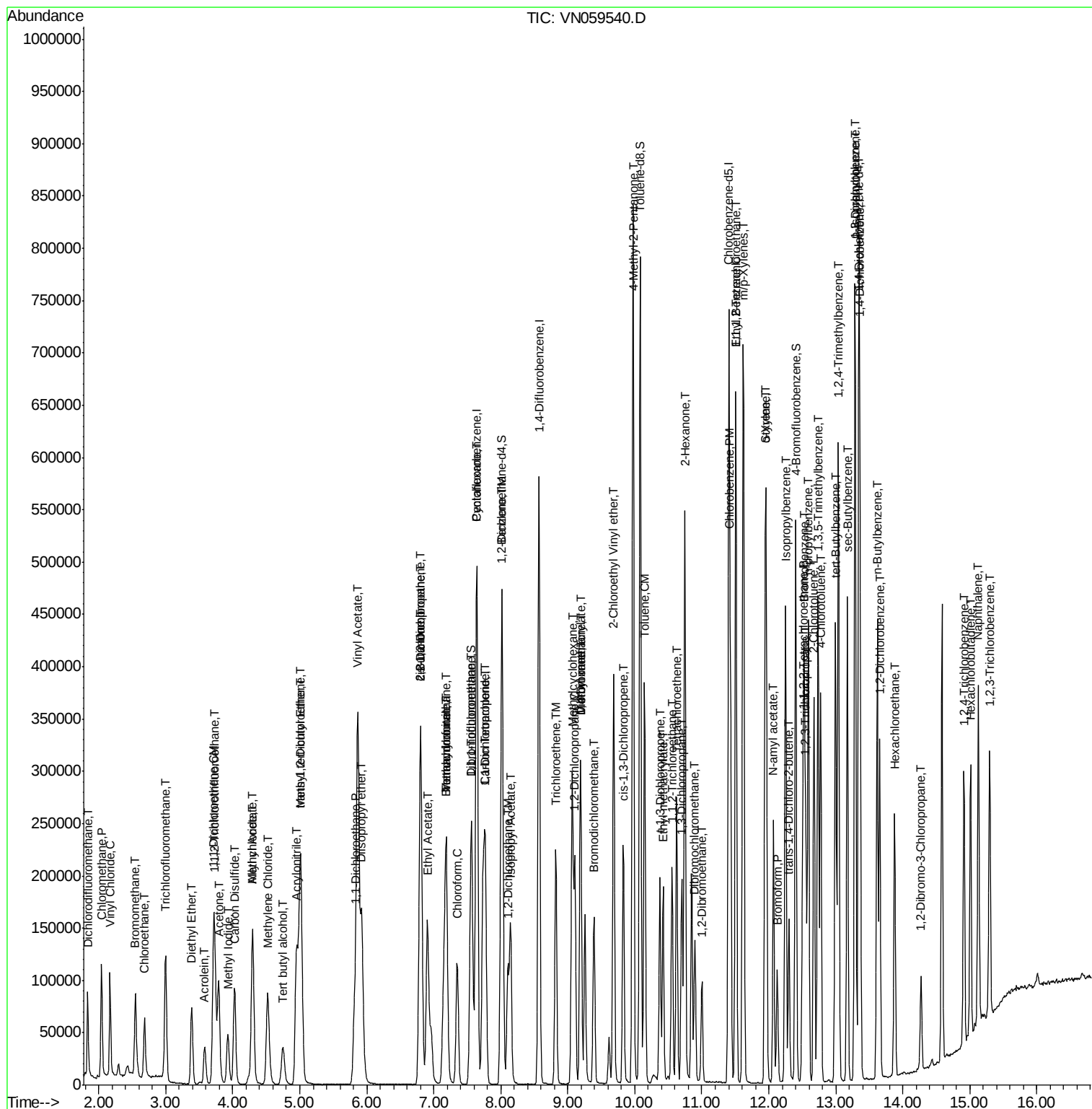
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	80233	19.215	ug/l	99
94) Hexachlorobutadiene	15.01	225	47098	22.079	ug/l	100
95) Naphthalene	15.13	128	256147	20.986	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	78526	20.787	ug/l	99

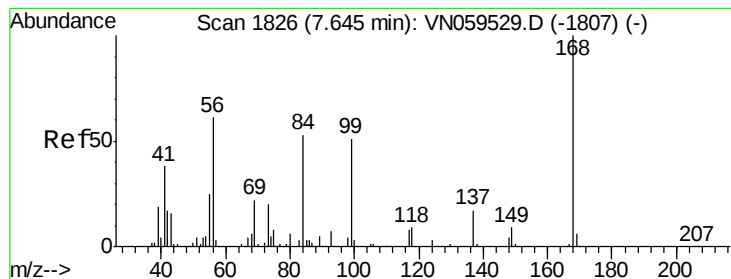
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

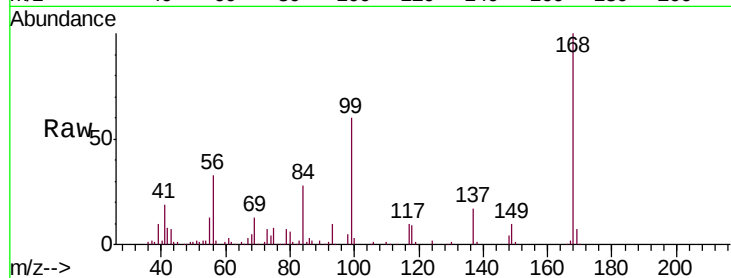
VN1210MBS01

Tgt Ion:168 Resp: 259025

Ion Ratio Lower Upper

168 100

99 60.0 46.6 70.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

120000

100000

80000

60000

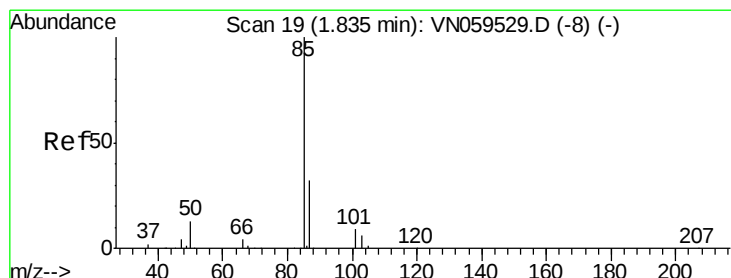
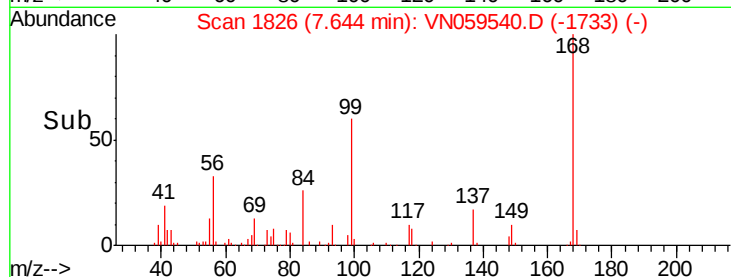
40000

20000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.253 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059540.D

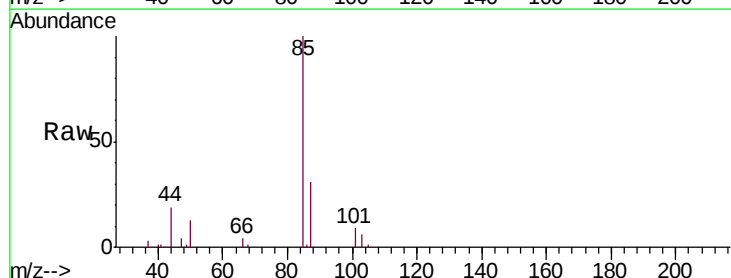
Acq: 10 Dec 2019 12:36

Tgt Ion: 85 Resp: 60508

Ion Ratio Lower Upper

85 100

87 31.1 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

50000

40000

30000

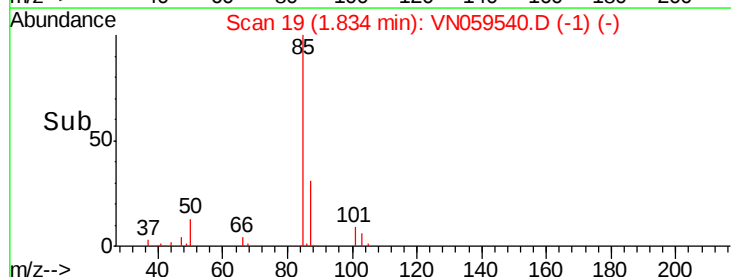
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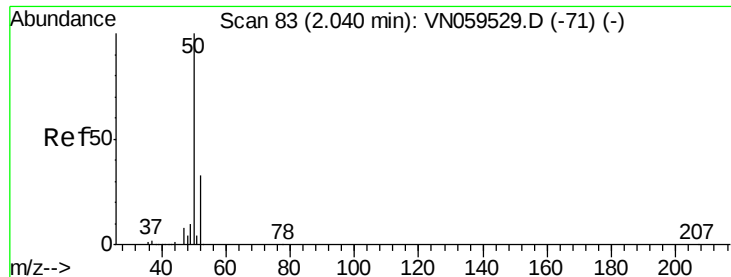
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 20.987 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

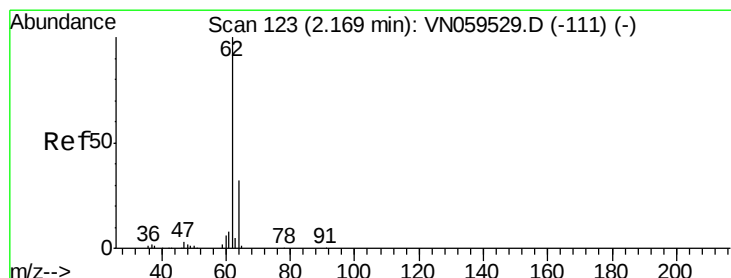
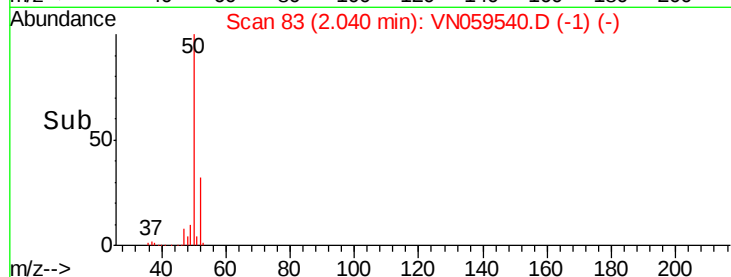
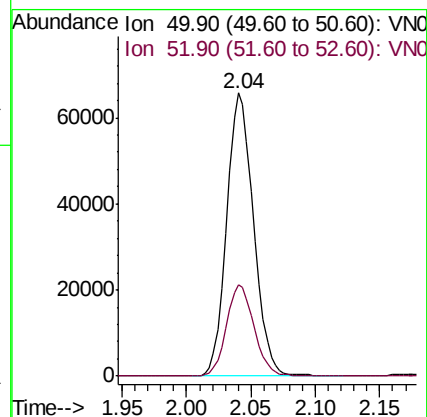
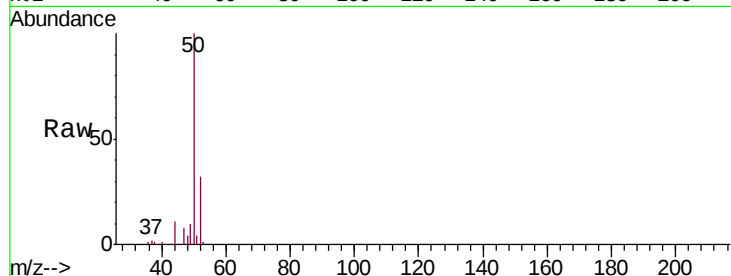
VN1210MBS01

Tgt Ion: 50 Resp: 94915

Ion Ratio Lower Upper

50 100

52 32.2 26.2 39.4



#4

Vinyl Chloride

Concen: 20.599 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059540.D

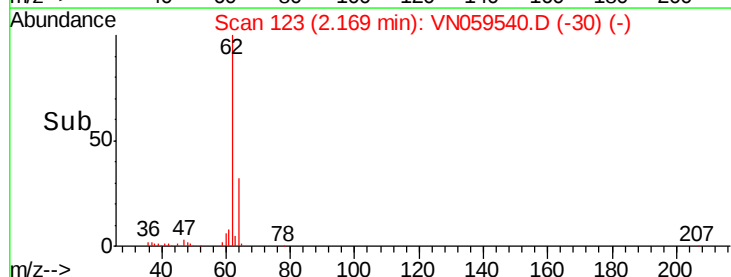
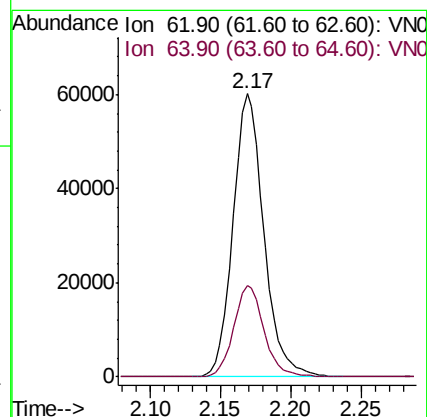
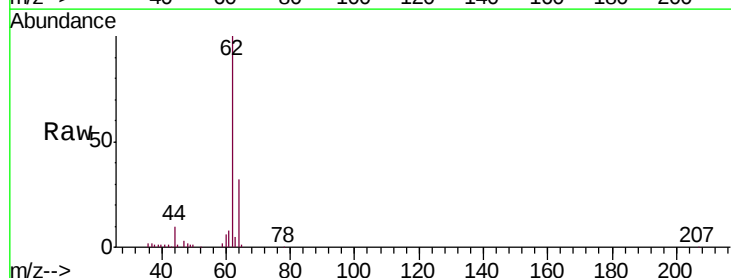
Acq: 10 Dec 2019 12:36

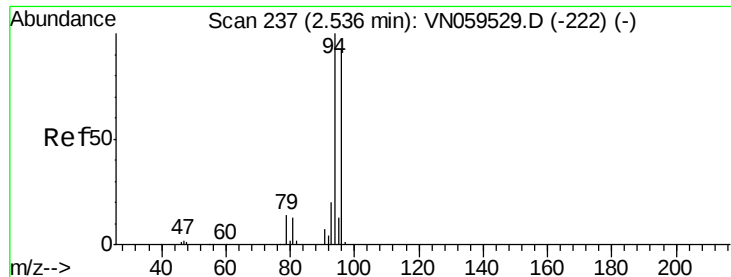
Tgt Ion: 62 Resp: 91825

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.0





#5

Bromomethane

Concen: 20.960 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

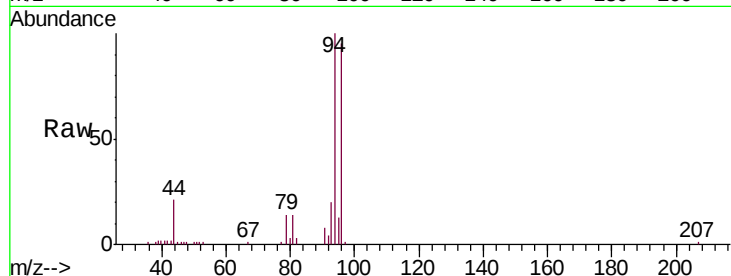
VN1210MBS01

Tgt Ion: 94 Resp: 56909

Ion Ratio Lower Upper

94 100

96 95.1 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.55

30000

25000

20000

15000

10000

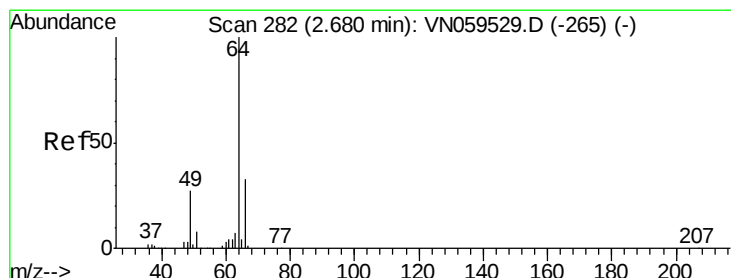
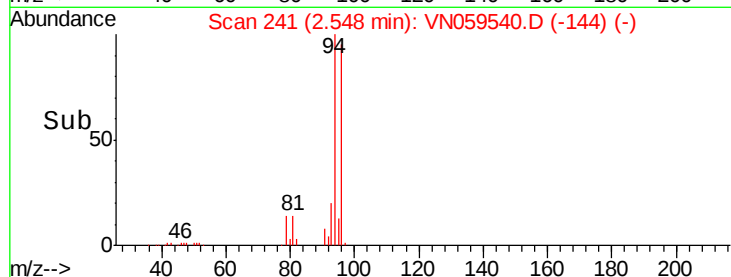
5000

0

Time-->

2.50

2.60



#6

Chloroethane

Concen: 20.639 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059540.D

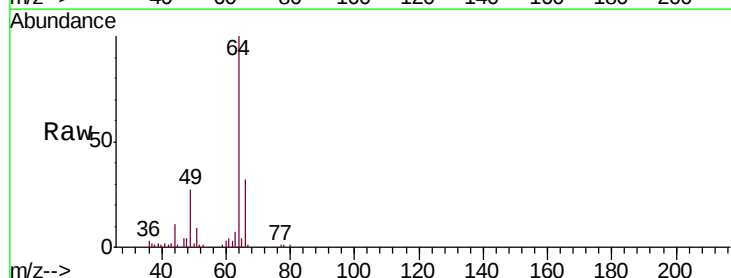
Acq: 10 Dec 2019 12:36

Tgt Ion: 64 Resp: 54939

Ion Ratio Lower Upper

64 100

66 32.4 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

30000

25000

20000

15000

10000

5000

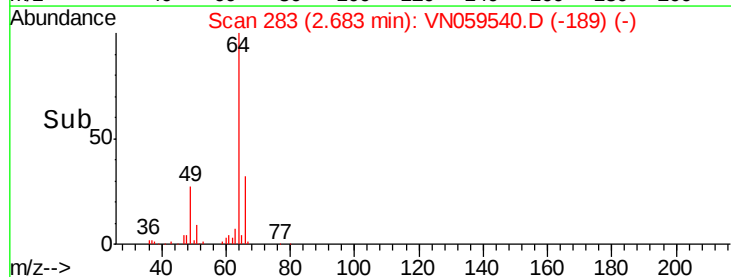
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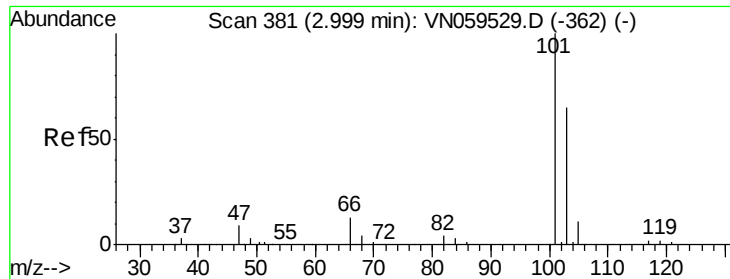
Time-->

2.60

2.70

2.80



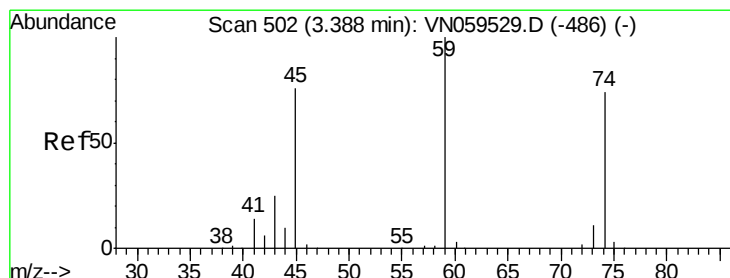
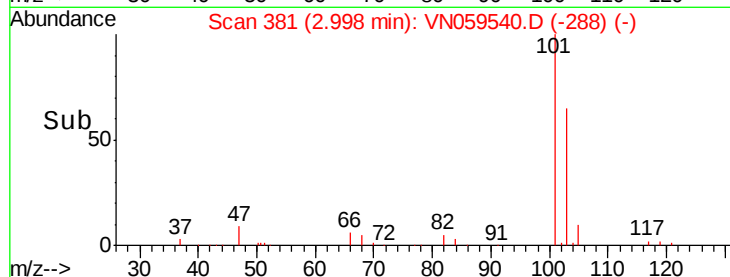
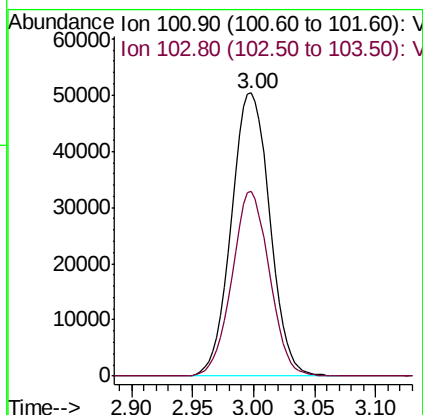
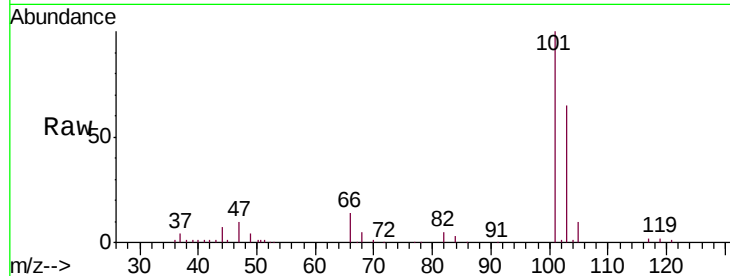


#7

Trichlorofluoromethane
 Concen: 20.694 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: VN059540.D
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Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210MBS01

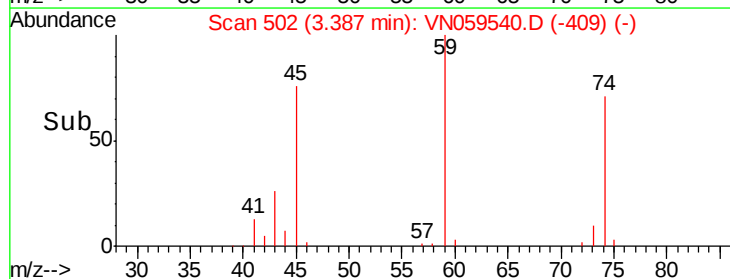
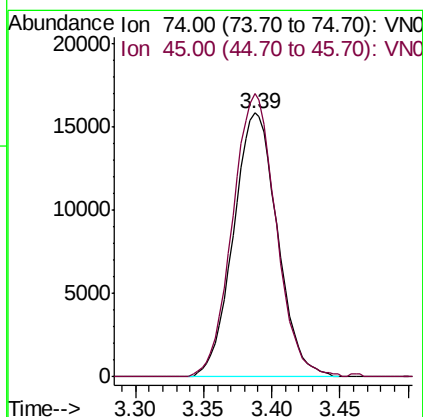
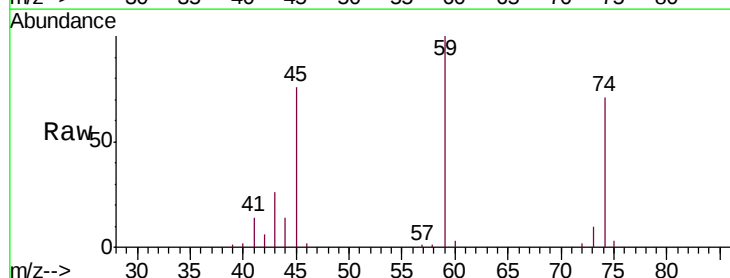
Tgt Ion:101 Resp: 110272
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.2 78.4

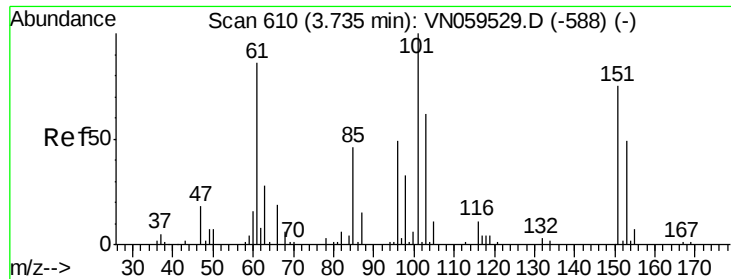


#8

Diethyl Ether
 Concen: 19.461 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Tgt Ion: 74 Resp: 35539
 Ion Ratio Lower Upper
 74 100
 45 106.2 52.6 157.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.217 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1210MBS01

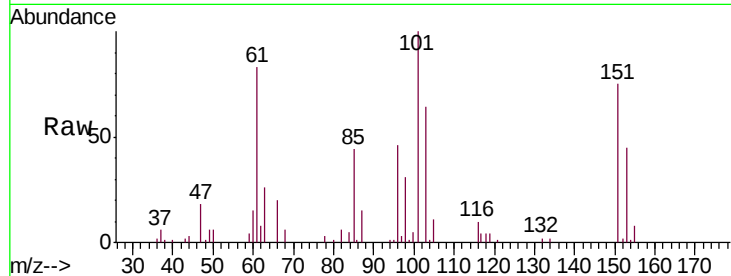
Tgt Ion:101 Resp: 56066

Ion Ratio Lower Upper

101 100

85 45.9 36.6 54.8

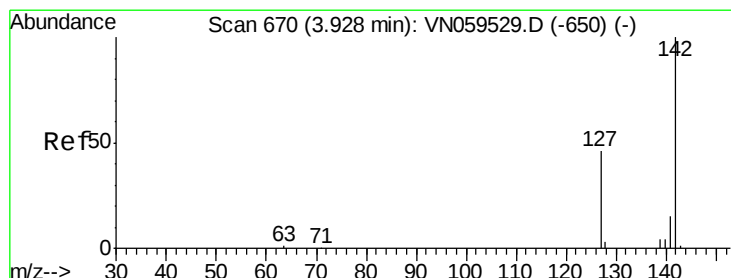
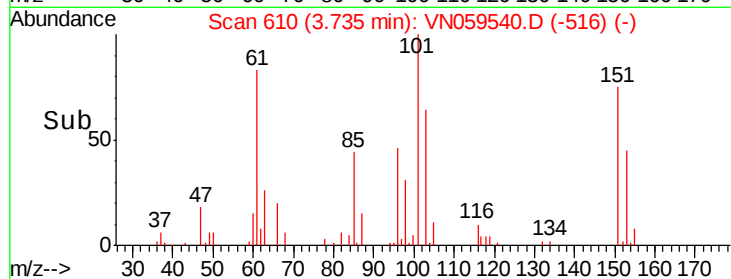
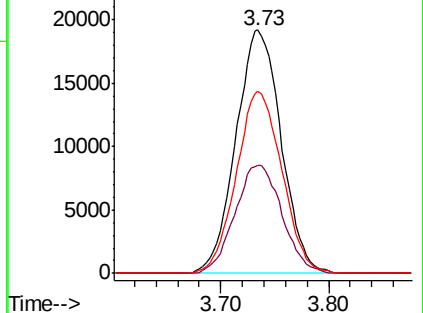
151 75.4 59.3 88.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.054 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

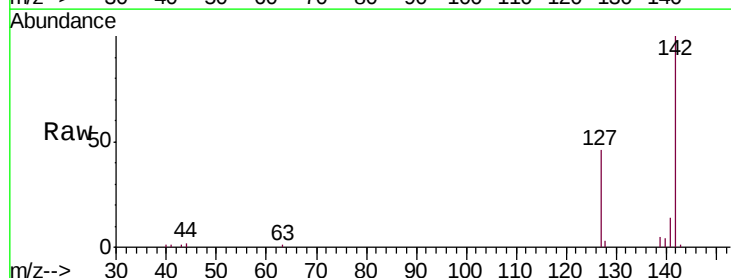
Tgt Ion:142 Resp: 75305

Ion Ratio Lower Upper

142 100

127 45.8 36.6 54.8

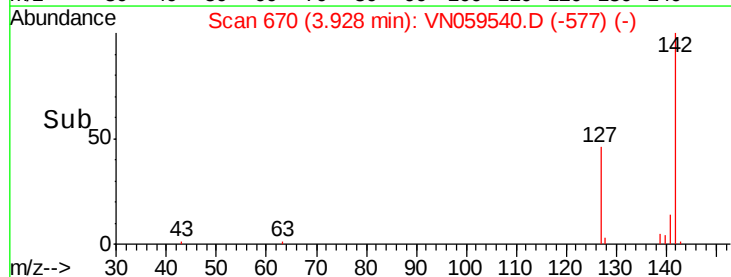
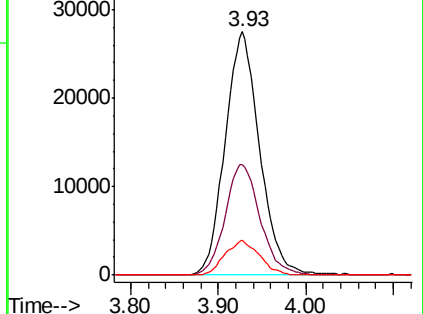
141 14.1 11.6 17.4

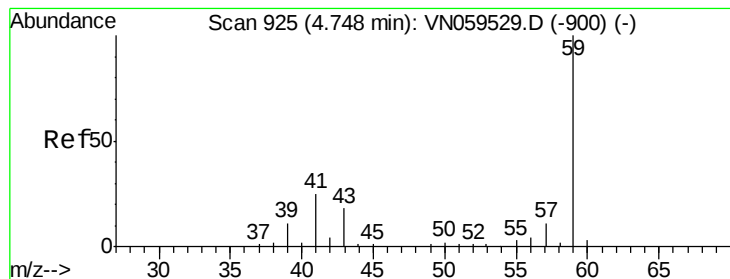


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



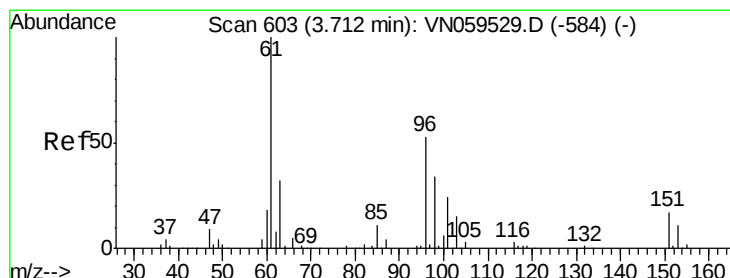
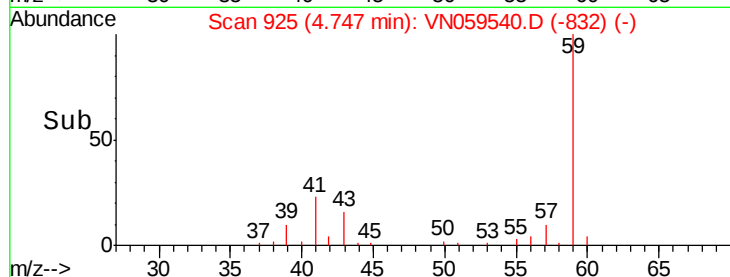
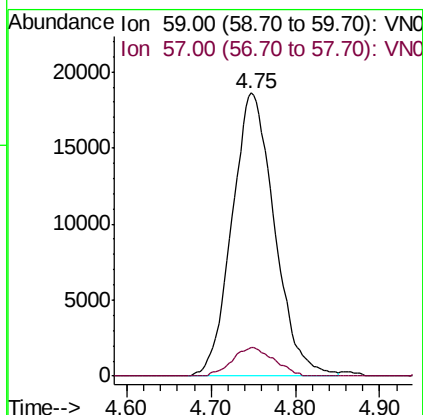
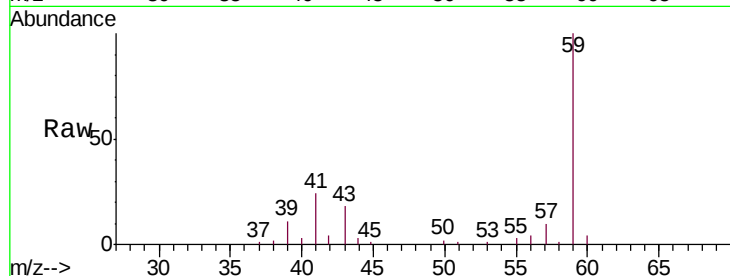


#11

Tert butyl alcohol
 Concen: 108.912 ug/l
 RT: 4.75 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210MBS01

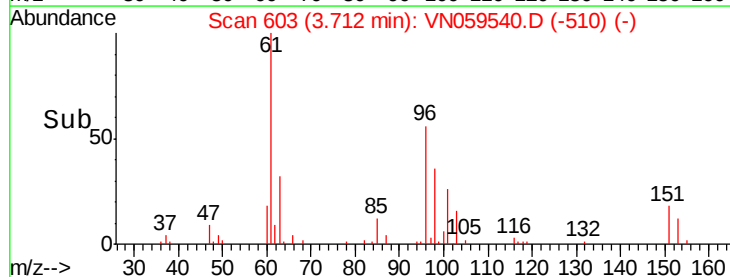
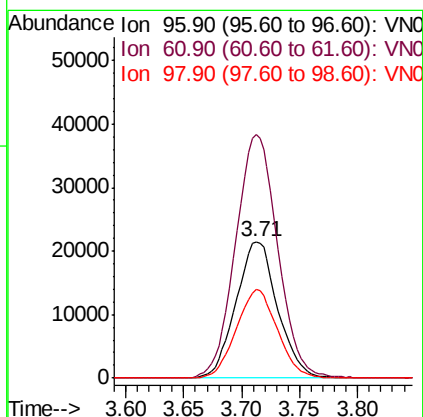
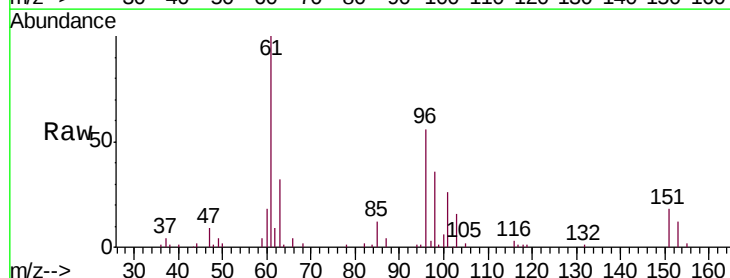
Tgt Ion: 59 Resp: 65229
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.6 13.0

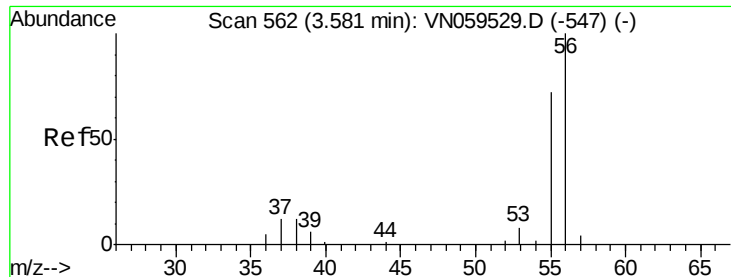


#12

1,1-Dichloroethene
 Concen: 19.873 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Tgt Ion: 96 Resp: 53576
 Ion Ratio Lower Upper
 96 100
 61 178.8 149.8 224.6
 98 64.9 50.6 75.8





#13

Acrolein

Concen: 136.333 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

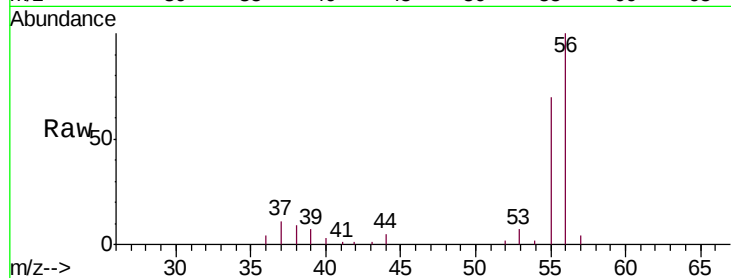
VN1210MBS01

Tgt Ion: 56 Resp: 39734

Ion Ratio Lower Upper

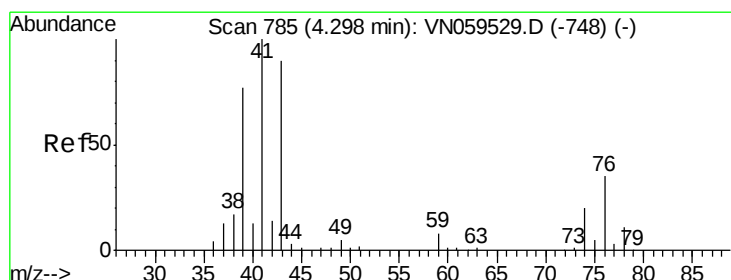
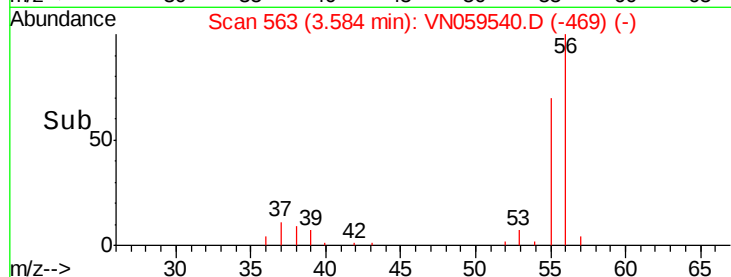
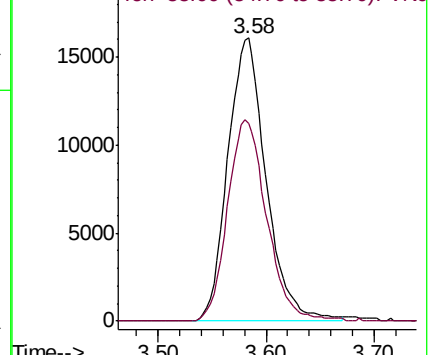
56 100

55 72.5 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.987 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

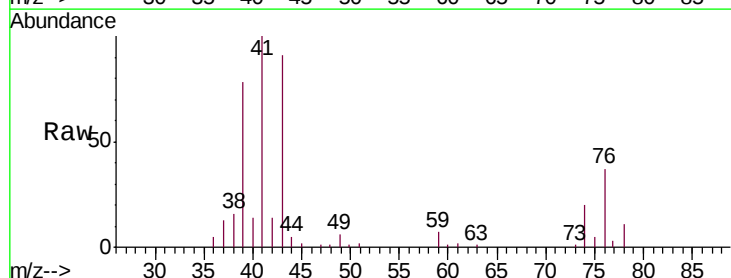
Tgt Ion: 41 Resp: 98472

Ion Ratio Lower Upper

41 100

39 80.2 56.7 85.1

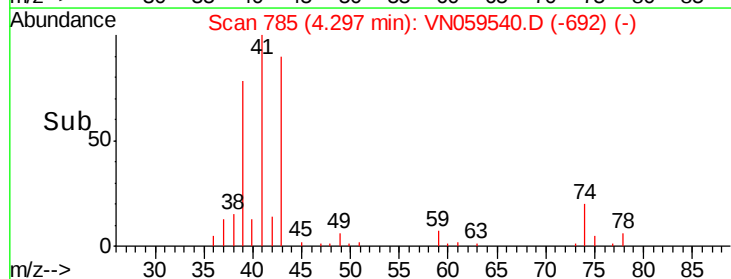
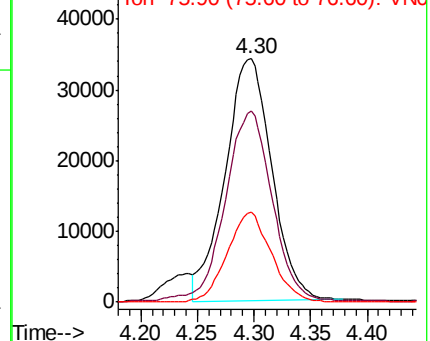
76 34.9 25.5 38.3

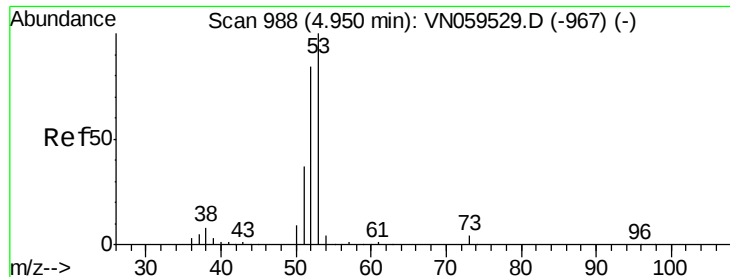


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 106.487 ug/l

RT: 4.95 min Scan# 988

Delta R.T. -0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1210MBS01

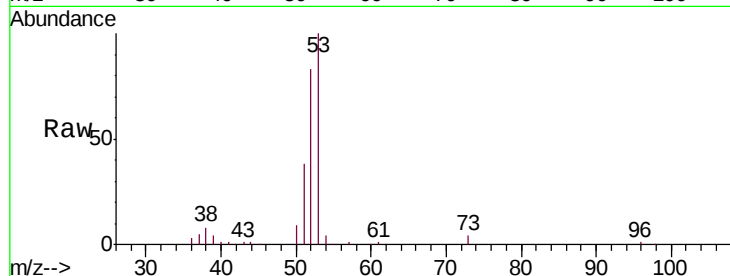
Tgt Ion: 53 Resp: 168207

Ion Ratio Lower Upper

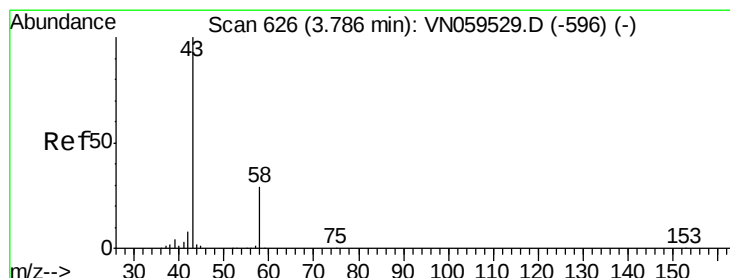
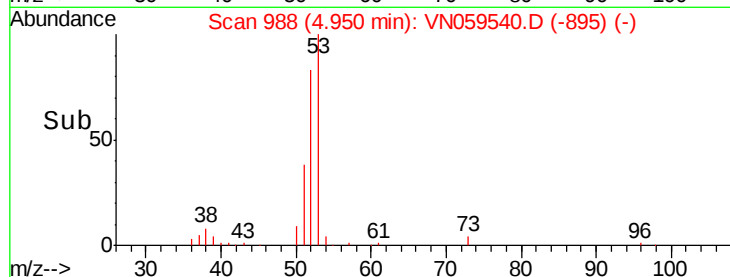
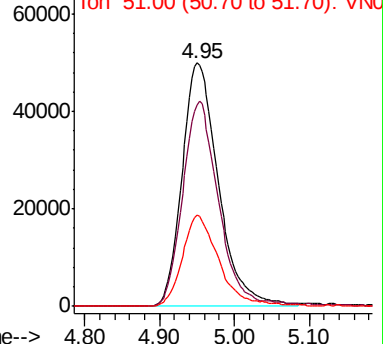
53 100

52 83.3 66.6 99.8

51 37.4 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VN059540.D (-895) (-)



#16

Acetone

Concen: 96.502 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN059540.D

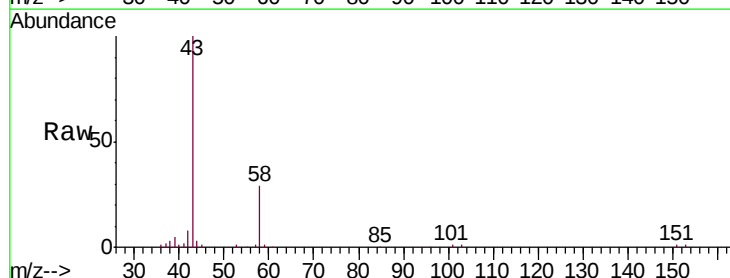
Acq: 10 Dec 2019 12:36

Tgt Ion: 43 Resp: 163198

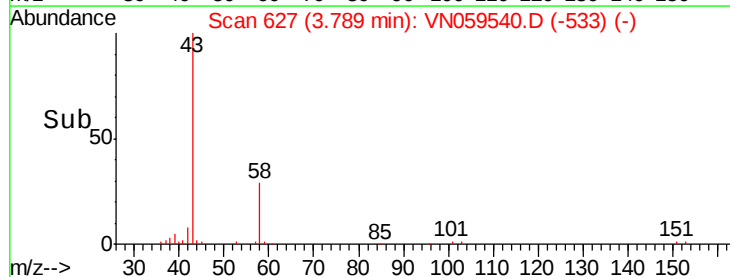
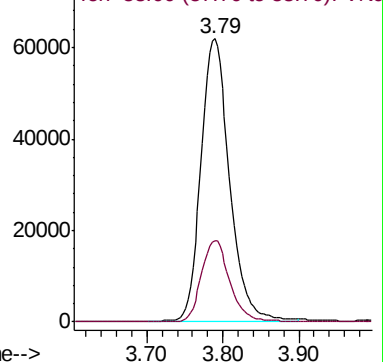
Ion Ratio Lower Upper

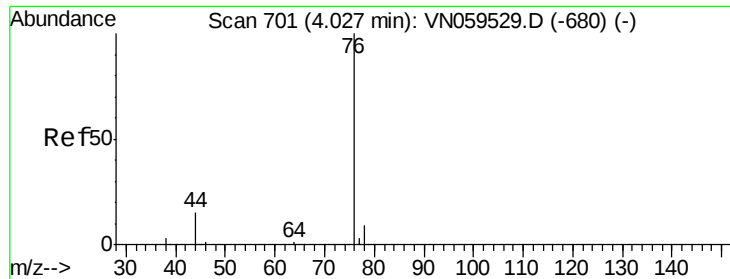
43 100

58 28.8 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VN059540.D (-533) (-)

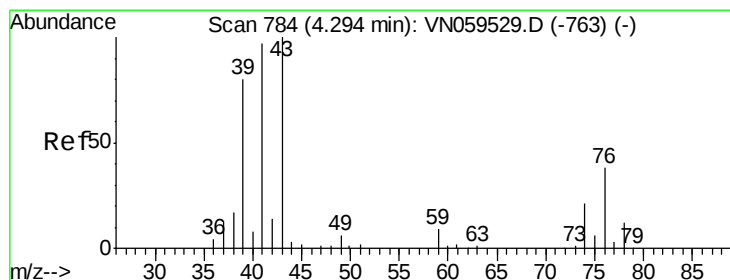
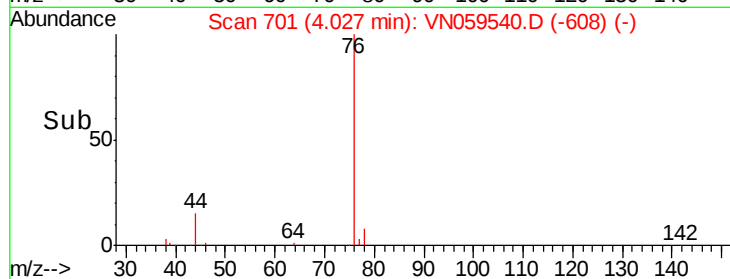
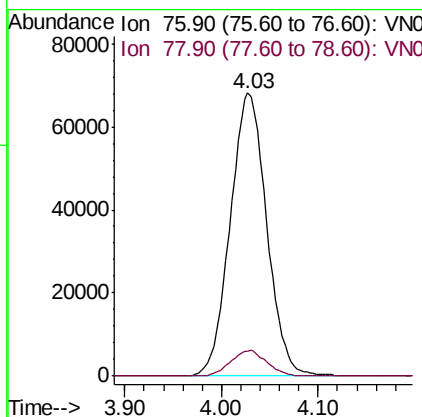
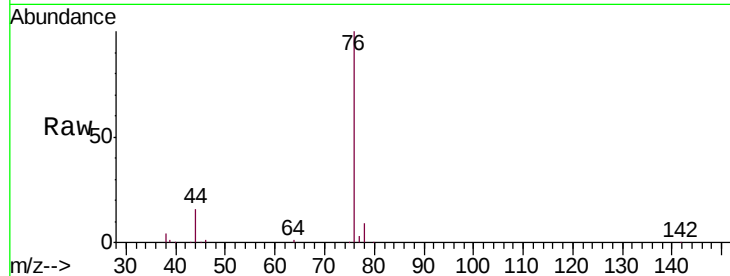




#17
Carbon Disulfide
Concen: 20.561 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

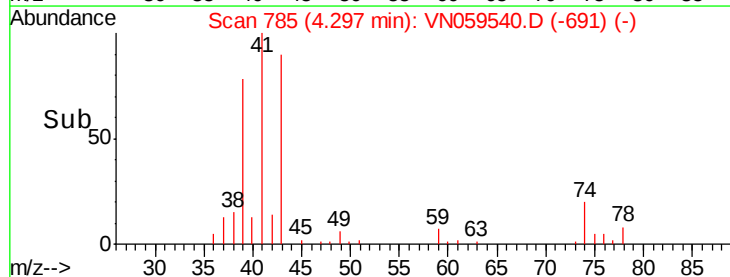
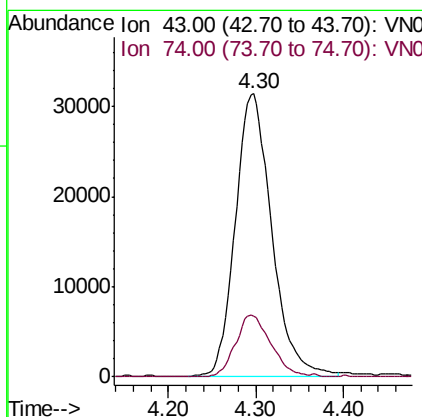
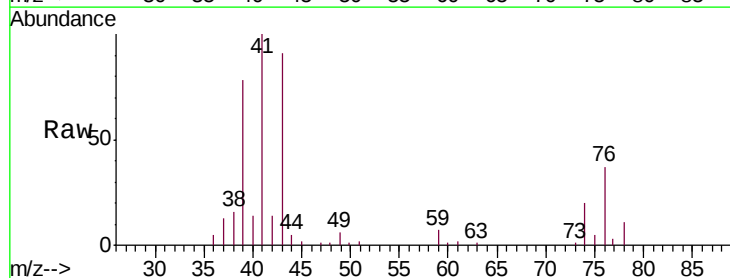
Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

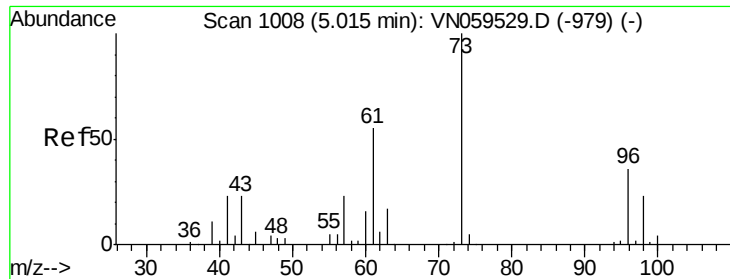
Tgt Ion: 76 Resp: 178402
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 20.540 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion: 43 Resp: 91201
Ion Ratio Lower Upper
43 100
74 21.3 17.5 26.3

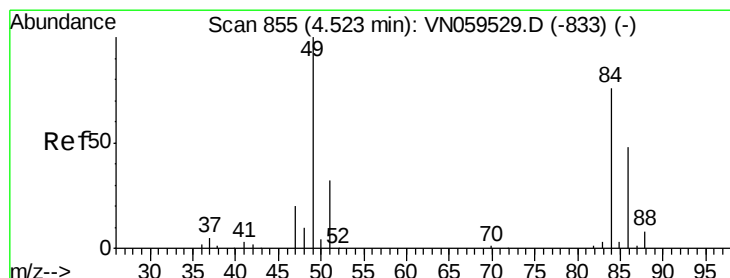
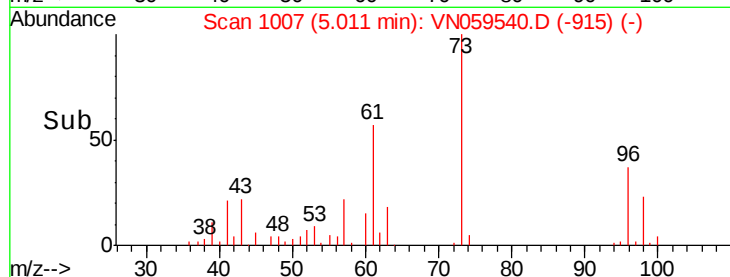
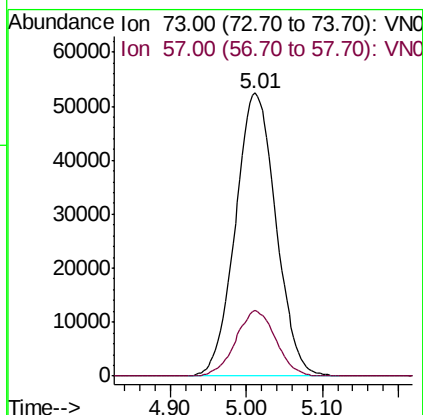
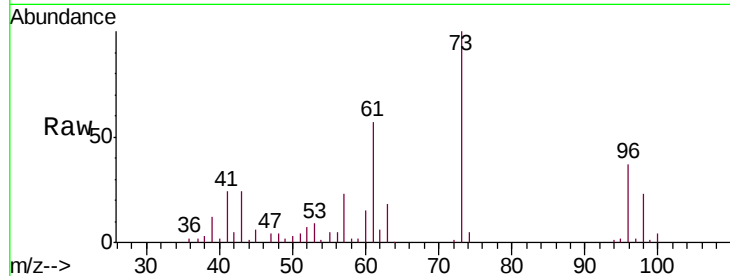




#19
Methyl tert-butyl Ether
Concen: 21.717 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

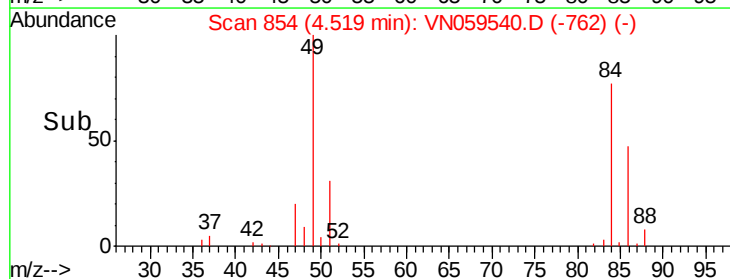
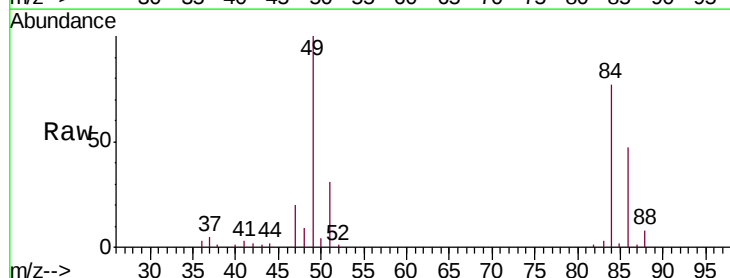
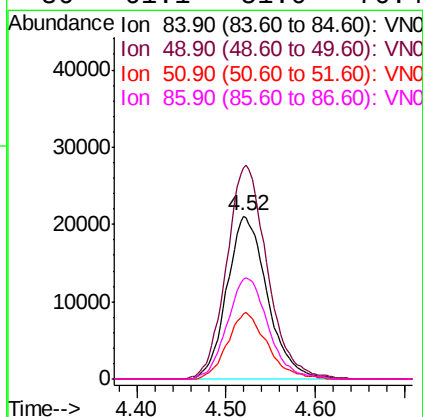
Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

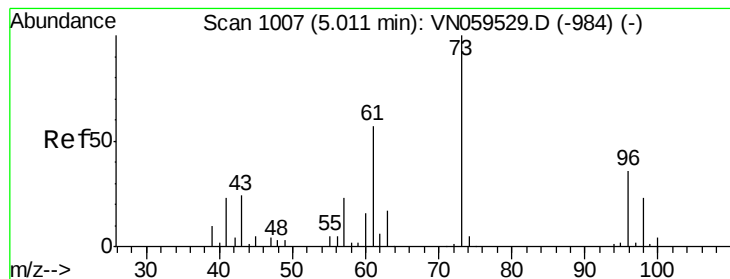
Tgt Ion: 73 Resp: 194620
Ion Ratio Lower Upper
73 100
57 23.2 18.3 27.5



#20
Methylene Chloride
Concen: 21.552 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion: 84 Resp: 66155
Ion Ratio Lower Upper
84 100
49 129.3 105.8 158.8
51 39.8 33.7 50.5
86 61.1 51.0 76.4





#21

trans-1,2-Dichloroethene

Concen: 21.232 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1210MBS01

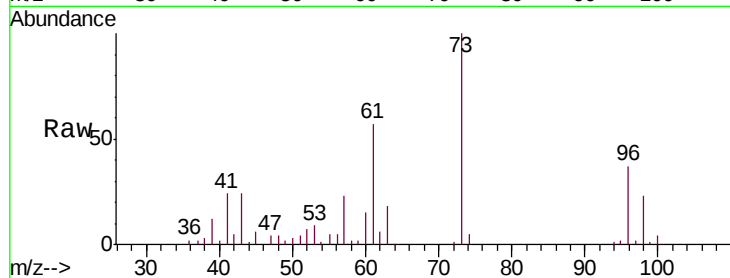
Tgt Ion: 96 Resp: 61436

Ion Ratio Lower Upper

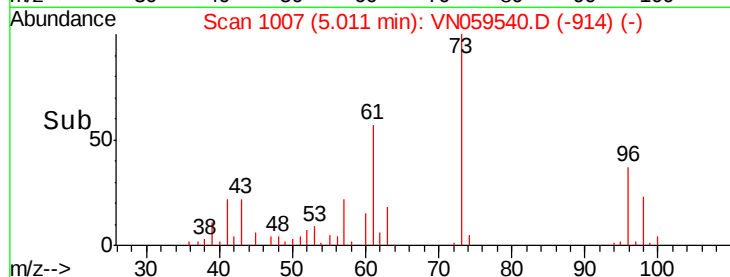
96 100

61 152.1 124.8 187.2

98 60.6 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN059540.D (-914) (-)



Ion 60.90 (60.60 to 61.60): VN059540.D (-914) (-)

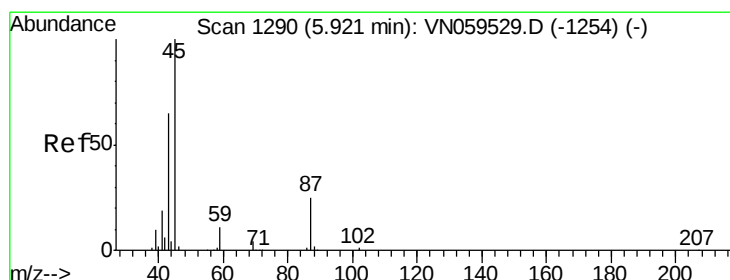
Ion 97.90 (97.60 to 98.60): VN059540.D (-914) (-)

Time-->

5.01

4.90 5.00 5.10

Time-->



#22

Diisopropyl ether

Concen: 21.525 ug/l

RT: 5.92 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Tgt Ion: 45 Resp: 212513

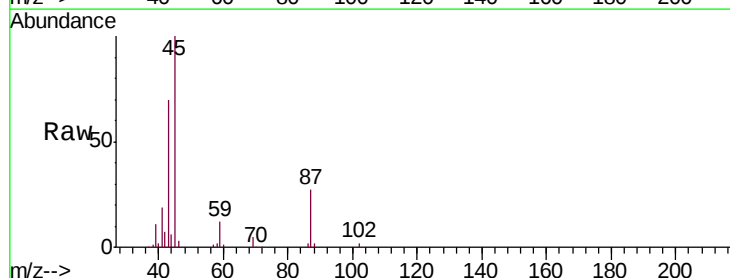
Ion Ratio Lower Upper

45 100

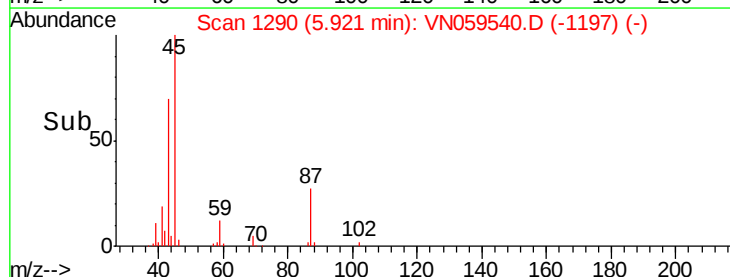
43 68.9 52.8 79.2

87 26.8 20.2 30.4

59 11.5 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VN059540.D (-1197) (-)



Ion 43.00 (42.70 to 43.70): VN059540.D (-1197) (-)

Ion 87.00 (86.70 to 87.70): VN059540.D (-1197) (-)

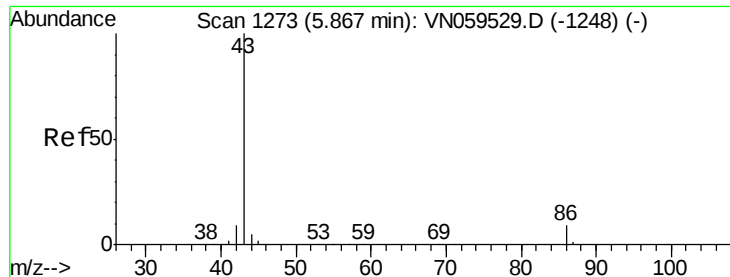
Ion 59.00 (58.70 to 59.70): VN059540.D (-1197) (-)

Time-->

5.92

5.80 5.90 6.00 6.10

Time-->



#23

Vinyl Acetate

Concen: 110.458 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

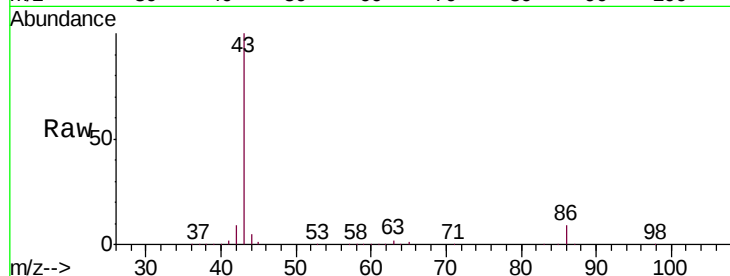
VN1210MBS01

Tgt Ion: 43 Resp: 909692

Ion Ratio Lower Upper

43 100

86 9.4 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VN059529.D (-1248) (-)

Ion 86.00 (85.70 to 86.70): VN059529.D (-1248) (-)

5.86

300000

250000

200000

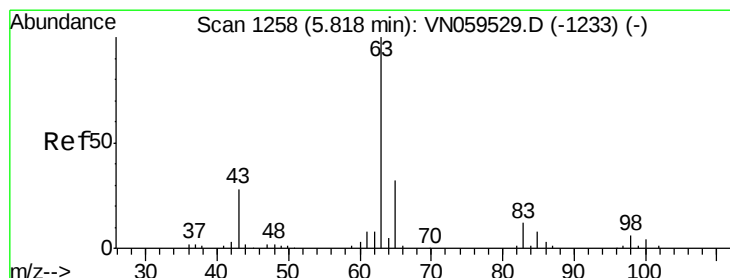
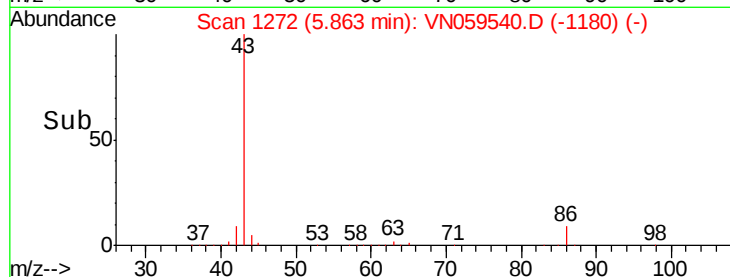
150000

100000

50000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 21.826 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

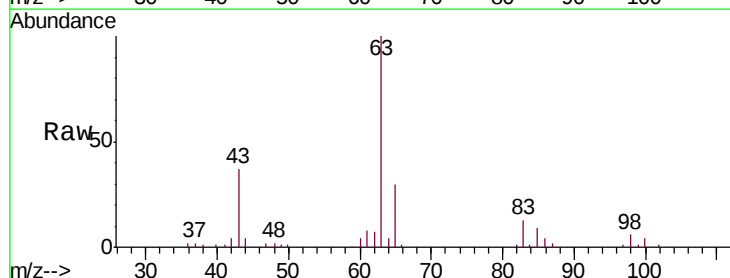
Tgt Ion: 63 Resp: 122344

Ion Ratio Lower Upper

63 100

98 5.7 3.0 9.0

100 4.1 1.8 5.3



Abundance Ion 62.90 (62.60 to 63.60): VN059529.D (-1233) (-)

Ion 97.90 (97.60 to 98.60): VN059529.D (-1233) (-)

Ion 99.90 (99.60 to 100.60): VN059529.D (-1233) (-)

5.82

50000

40000

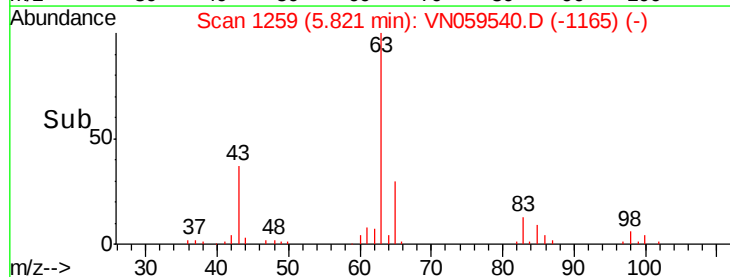
30000

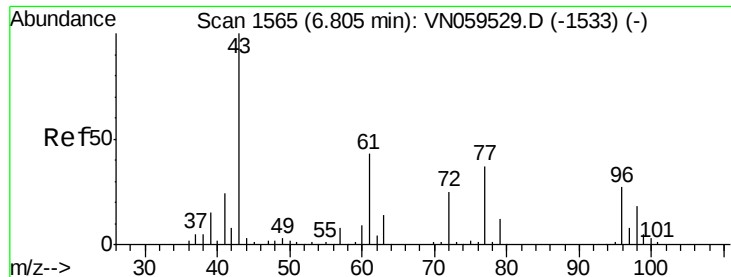
20000

10000

0

Time--> 5.70 5.80 5.90





#25

2-Butanone

Concen: 105.037 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

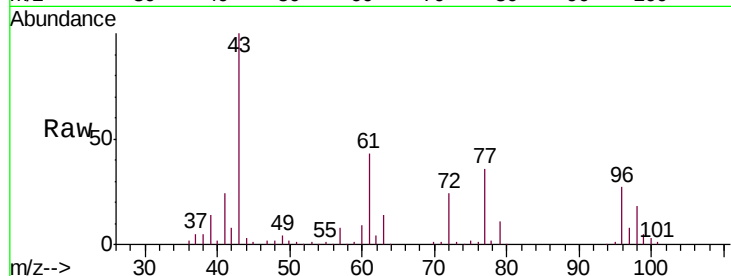
VN1210MBS01

Tgt Ion: 43 Resp: 239100

Ion Ratio Lower Upper

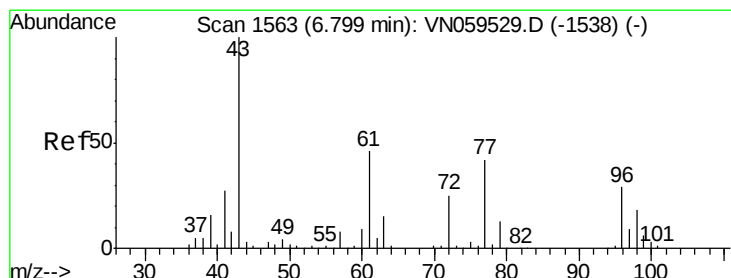
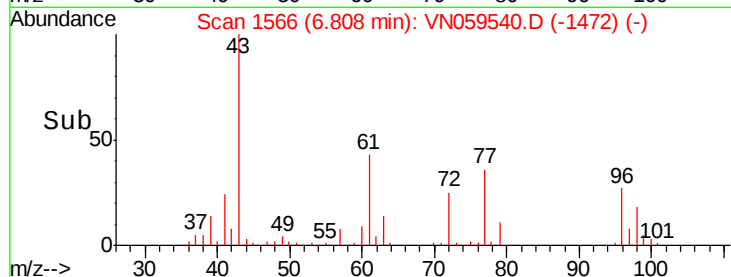
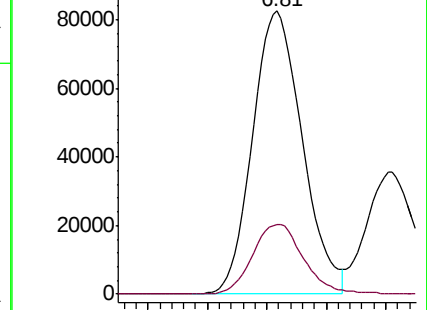
43 100

72 24.4 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN059529.D (-1533) (-)

Ion 72.00 (71.70 to 72.70): VN059529.D (-1533) (-)



#26

2,2-Dichloropropane

Concen: 21.459 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN059540.D

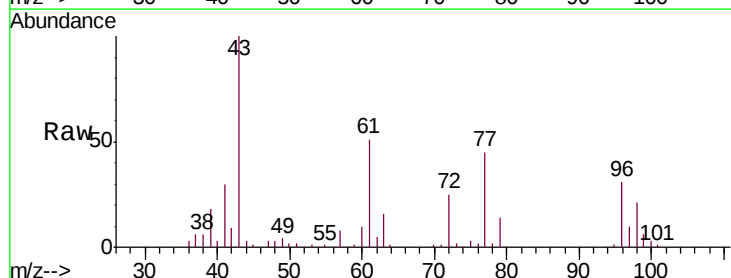
Acq: 10 Dec 2019 12:36

Tgt Ion: 77 Resp: 108671

Ion Ratio Lower Upper

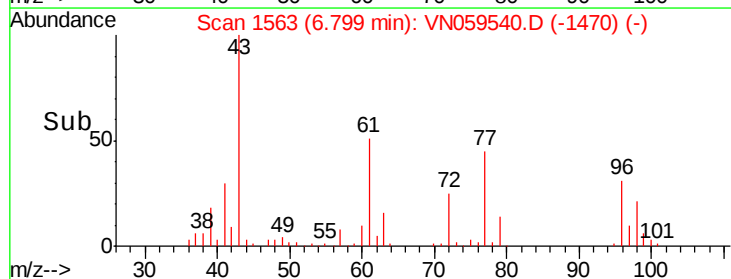
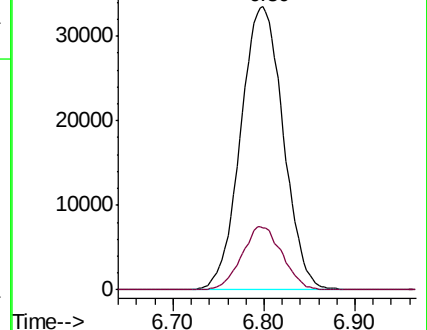
77 100

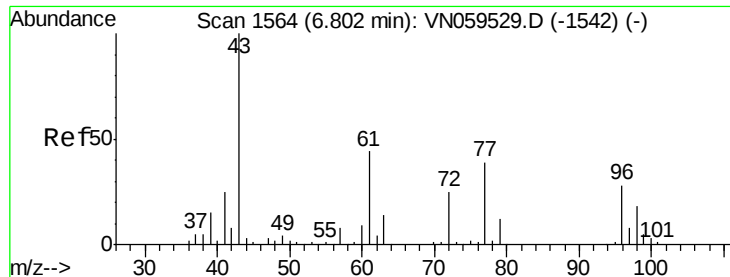
97 21.2 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VN059529.D (-1538) (-)

Ion 96.90 (96.60 to 97.60): VN059529.D (-1538) (-)

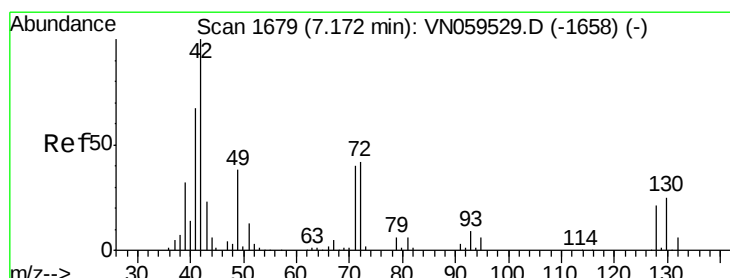
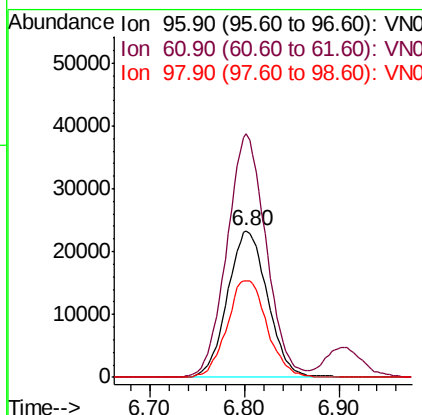
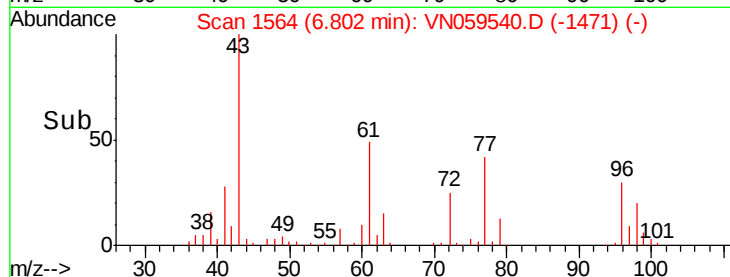
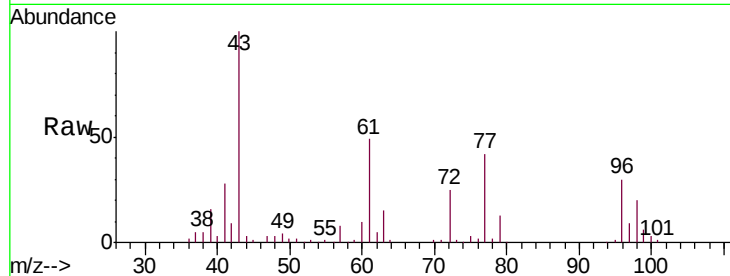




#27
 cis-1,2-Dichloroethene
 Concen: 21.079 ug/l
 RT: 6.80 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

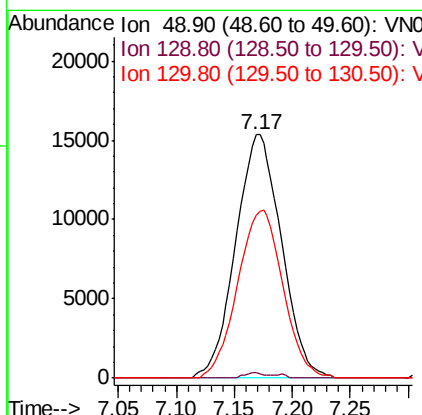
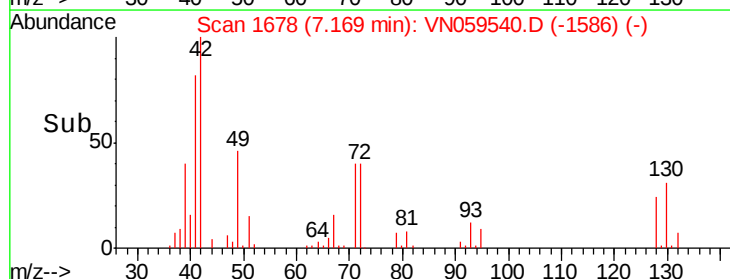
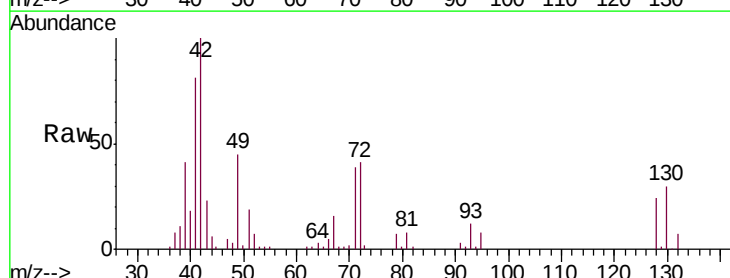
Instrument :
 MSVOA_N
 ClientSampled :
 VN1210MBS01

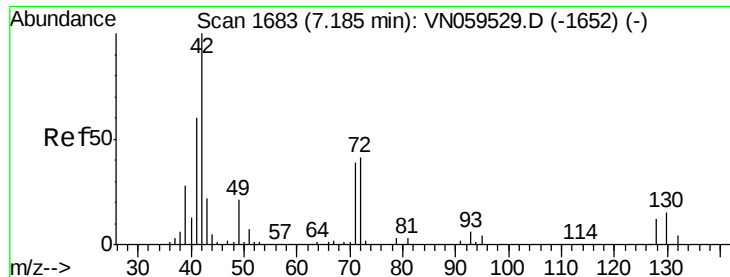
Tgt Ion: 96 Resp: 68604
 Ion Ratio Lower Upper
 96 100
 61 162.5 0.0 320.0
 98 65.6 0.0 128.6



#28
 Bromochloromethane
 Concen: 21.542 ug/l
 RT: 7.17 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Tgt Ion: 49 Resp: 42069
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.0
 130 68.4 54.2 81.2

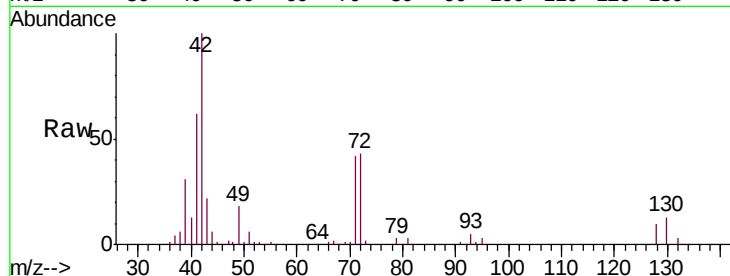




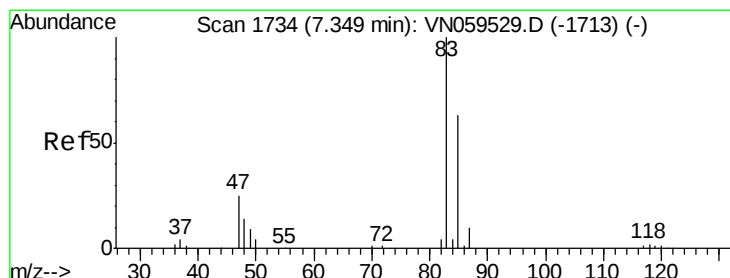
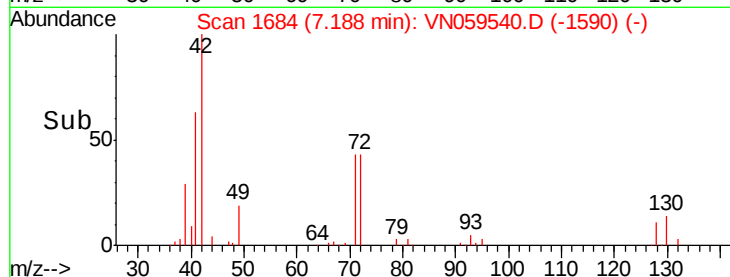
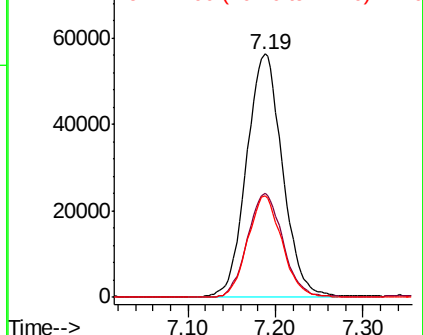
#29
Tetrahydrofuran
Concen: 101.729 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

Tgt Ion: 42 Resp: 161076
Ion Ratio Lower Upper
42 100
72 42.0 32.7 49.1
71 39.8 31.4 47.2

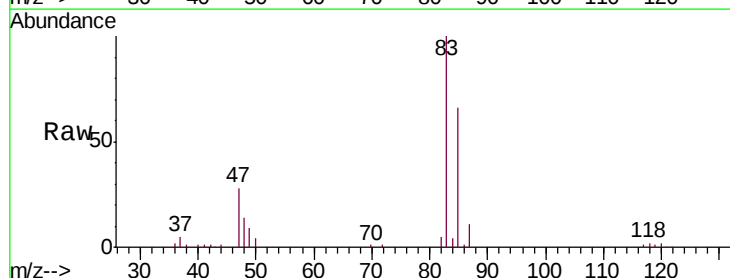


Abundance Ion 42.00 (41.70 to 42.70): VNO
Ion 72.00 (71.70 to 72.70): VNO
Ion 71.00 (70.70 to 71.70): VNO

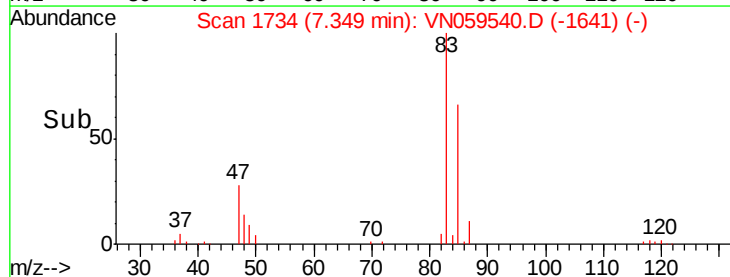
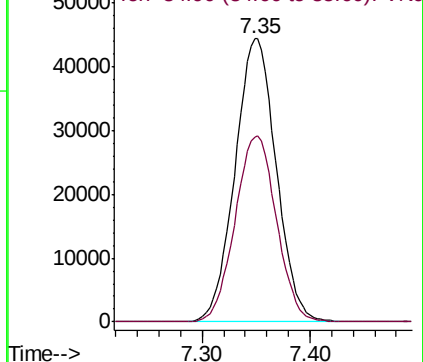


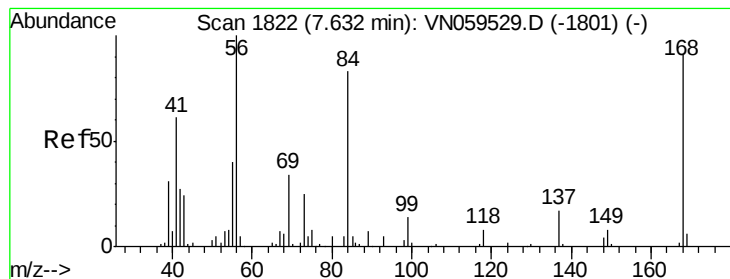
#30
Chloroform
Concen: 21.316 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion: 83 Resp: 117924
Ion Ratio Lower Upper
83 100
85 65.5 50.6 75.8



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





#31

Cyclohexane

Concen: 20.417 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1210MBS01

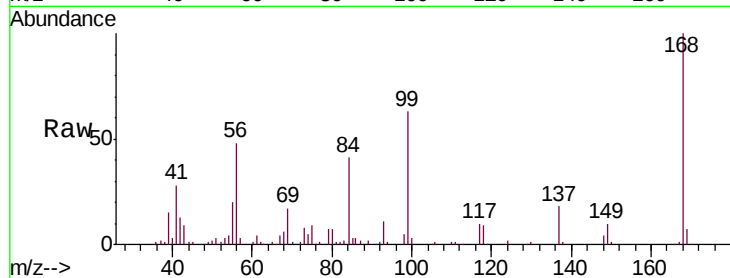
Tgt Ion: 56 Resp: 111375

Ion Ratio Lower Upper

56 100

69 36.0 26.9 40.3

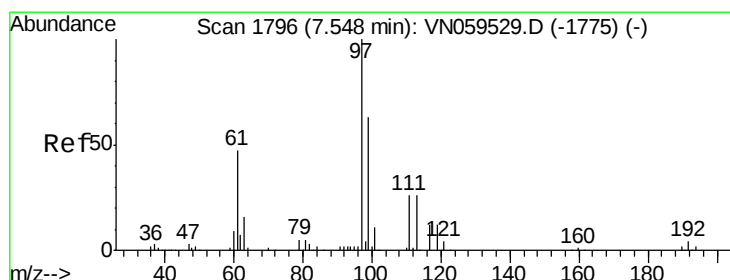
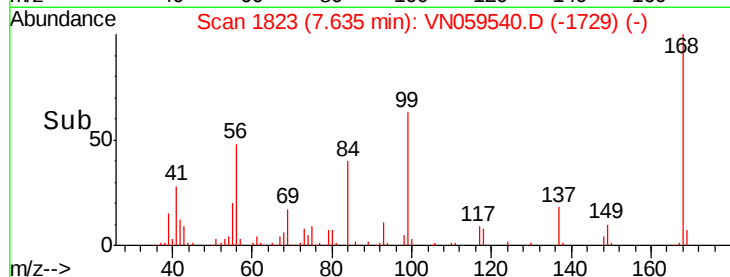
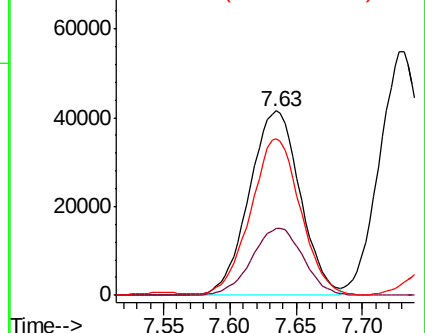
84 84.0 66.5 99.7



Abundance Ion 56.00 (55.70 to 56.70): VN059540.D (-1729) (-)

Ion 69.00 (68.70 to 69.70): VN059540.D (-1729) (-)

Ion 84.00 (83.70 to 84.70): VN059540.D (-1729) (-)



#32

1,1,1-Trichloroethane

Concen: 21.527 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

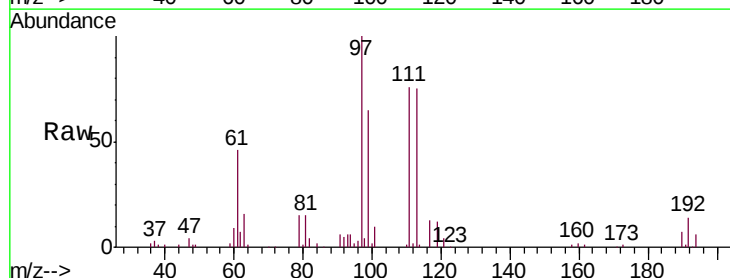
Tgt Ion: 97 Resp: 105652

Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.2

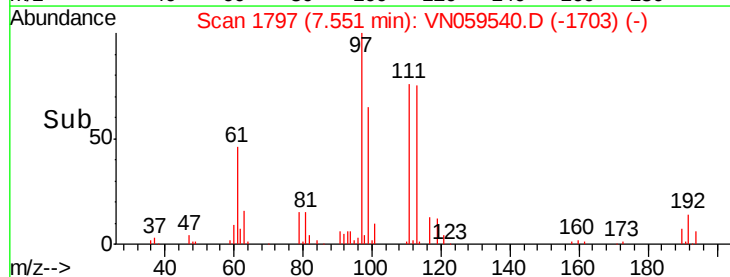
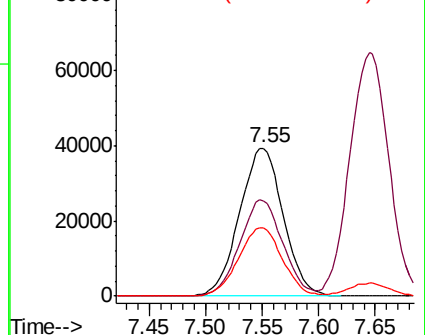
61 46.5 38.5 57.7

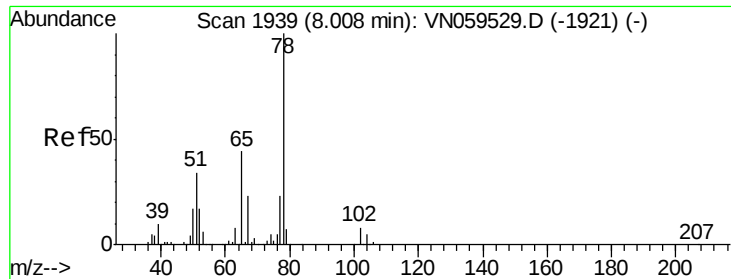


Abundance Ion 96.90 (96.60 to 97.60): VN059540.D (-1703) (-)

Ion 98.90 (98.60 to 99.60): VN059540.D (-1703) (-)

Ion 60.90 (60.60 to 61.60): VN059540.D (-1703) (-)

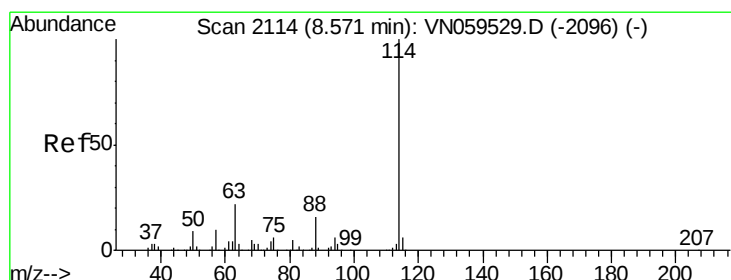
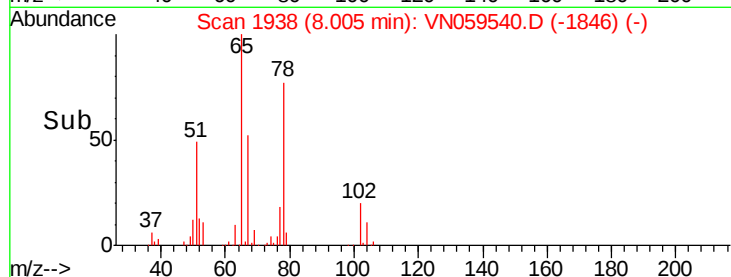
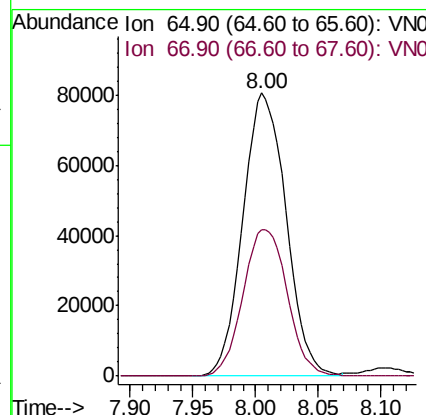
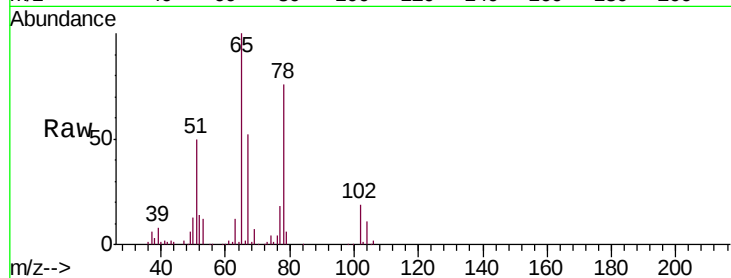




#33
 1,2-Dichloroethane-d4
 Concen: 53.253 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

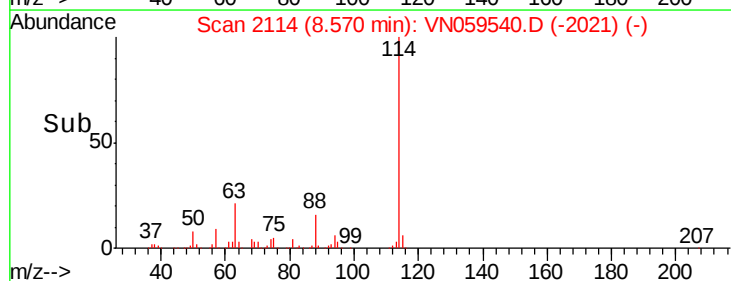
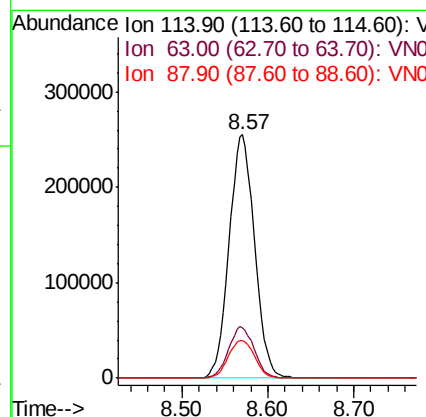
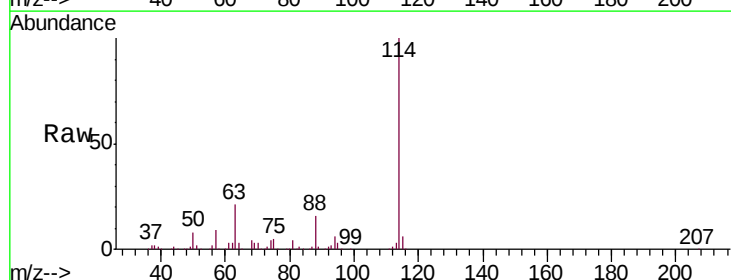
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210MBS01

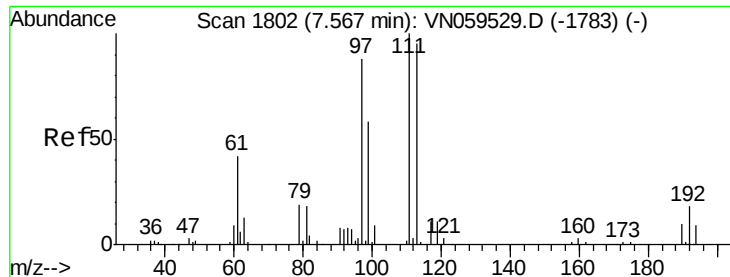
Tgt Ion: 65 Resp: 192787
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Tgt Ion: 114 Resp: 523837
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 45.0
 88 15.6 0.0 32.2

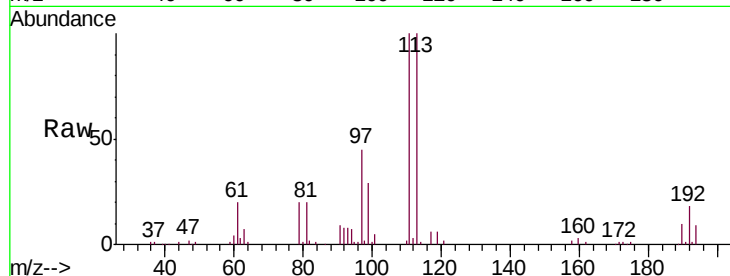




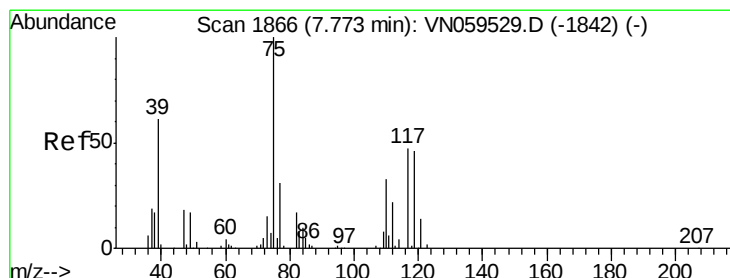
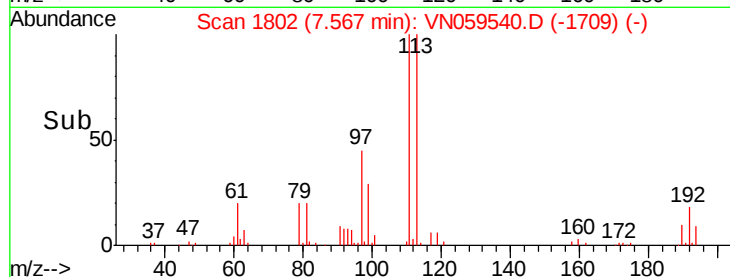
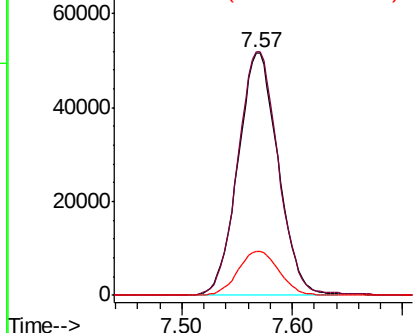
#35
 Dibromofluoromethane
 Concen: 41.578 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210MBS01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.4
192	18.6	14.8	22.2

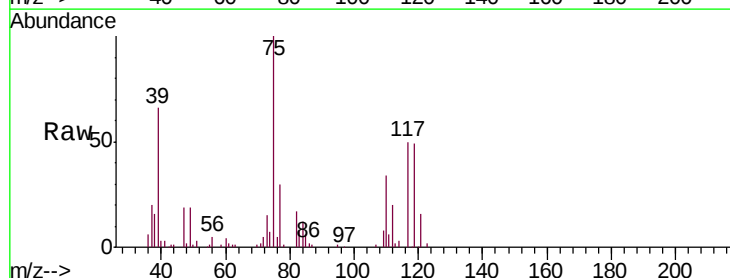


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

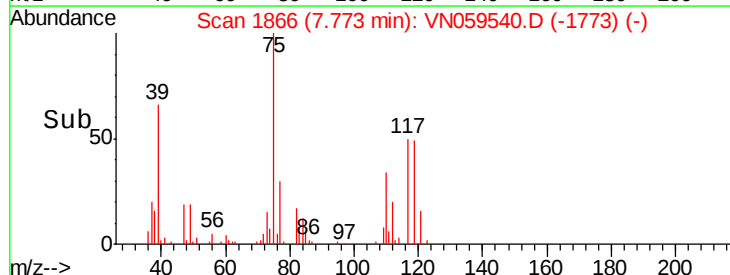
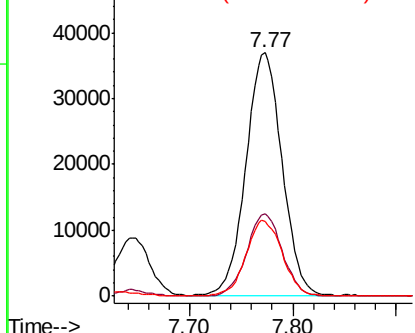


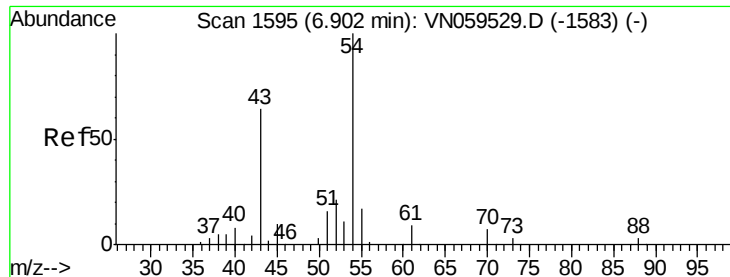
#36
 1,1-Dichloropropene
 Concen: 16.815 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.0	16.7	50.0
77	30.9	24.6	37.0



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

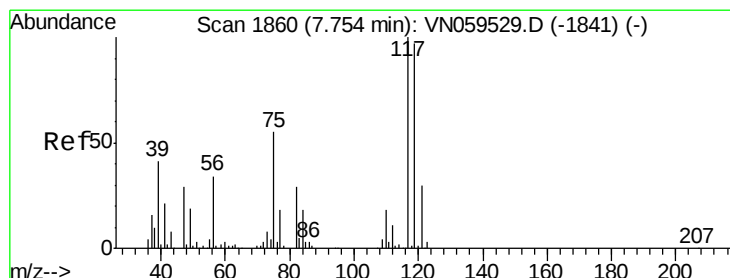
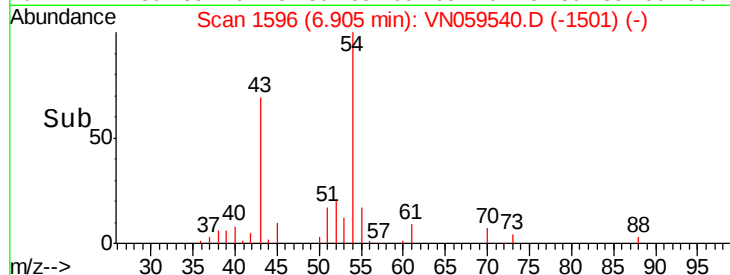
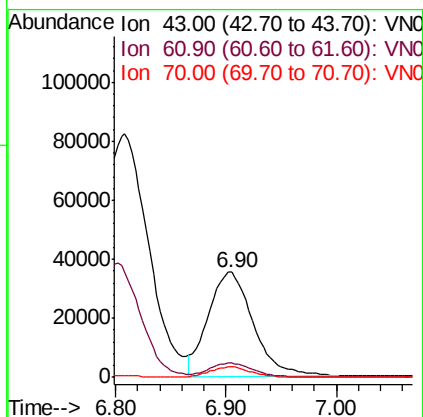
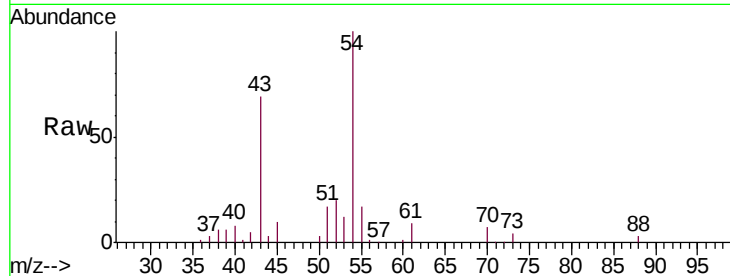




#37
Ethyl Acetate
Concen: 16.867 ug/l
RT: 6.90 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

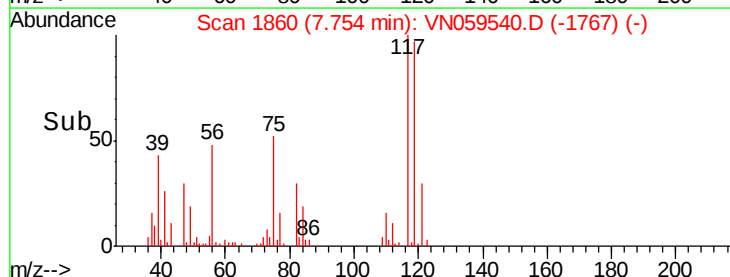
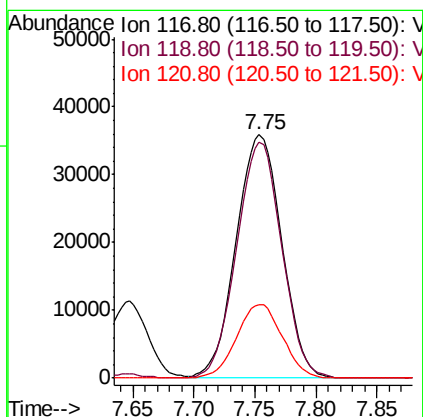
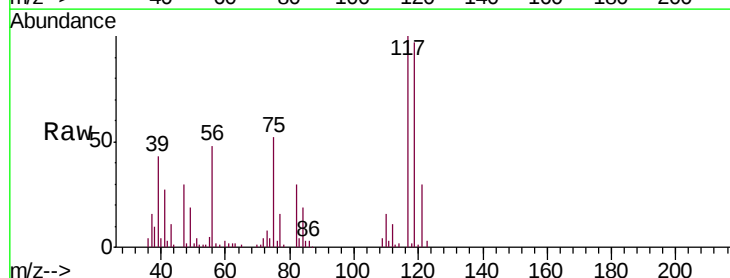
Instrument :
MSVOA_N
ClientSampled :
VN1210MBS01

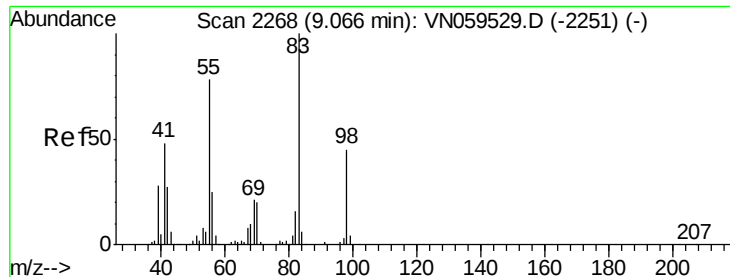
Tgt Ion: 43 Resp: 99122
Ion Ratio Lower Upper
43 100
61 13.4 11.0 16.6
70 9.4 7.7 11.5



#38
Carbon Tetrachloride
Concen: 17.576 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion: 117 Resp: 93108
Ion Ratio Lower Upper
117 100
119 96.9 77.0 115.4
121 30.4 24.1 36.1

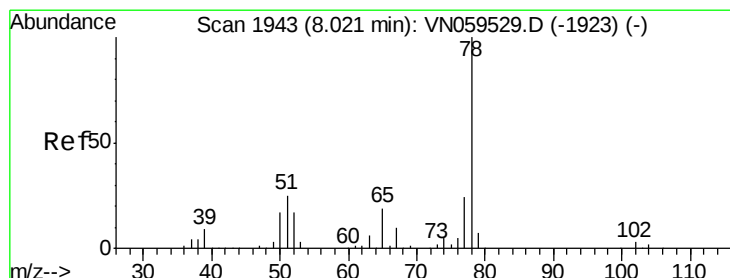
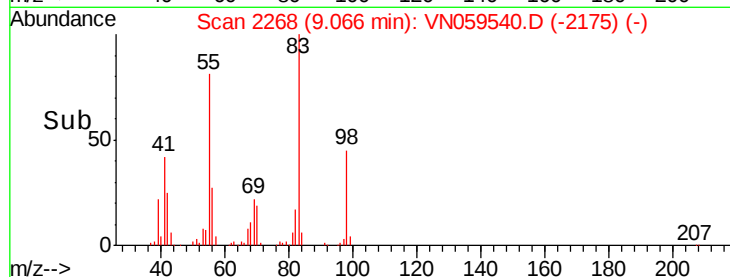
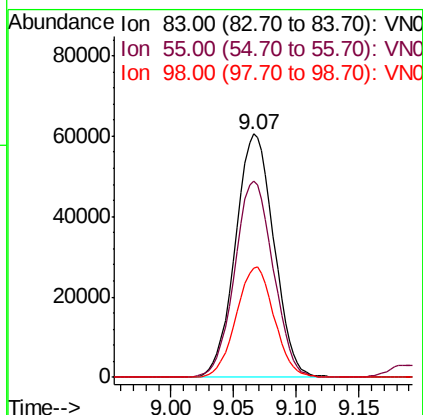
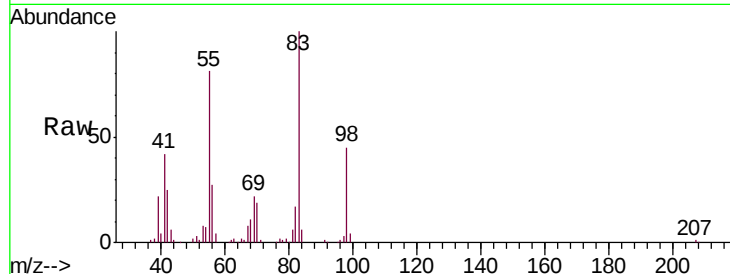




#39
Methylcyclohexane
Concen: 21.470 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

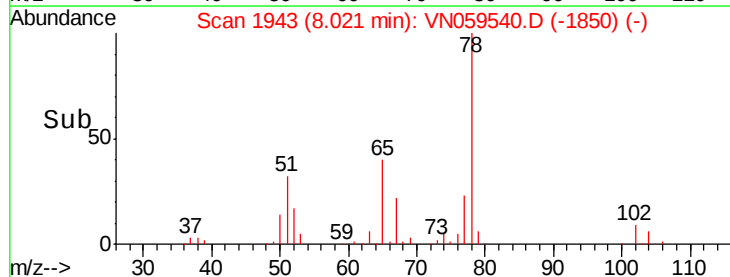
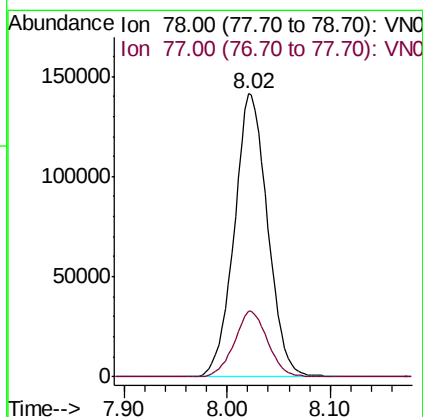
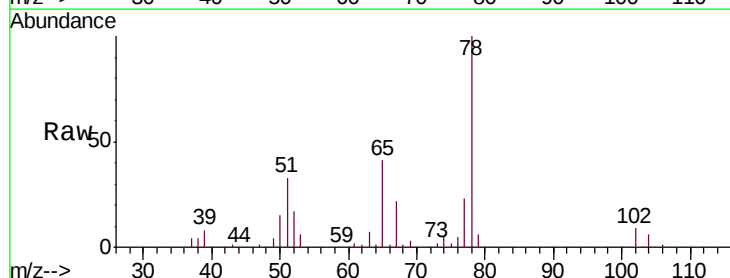
Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

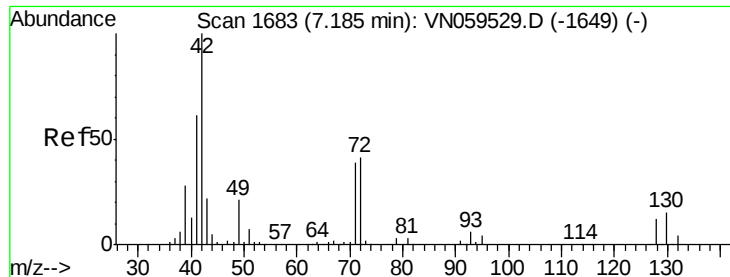
Tgt Ion: 83 Resp: 129433
Ion Ratio Lower Upper
83 100
55 80.8 62.7 94.1
98 44.9 35.7 53.5



#40
Benzene
Concen: 20.678 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion: 78 Resp: 317478
Ion Ratio Lower Upper
78 100
77 23.0 18.8 28.2

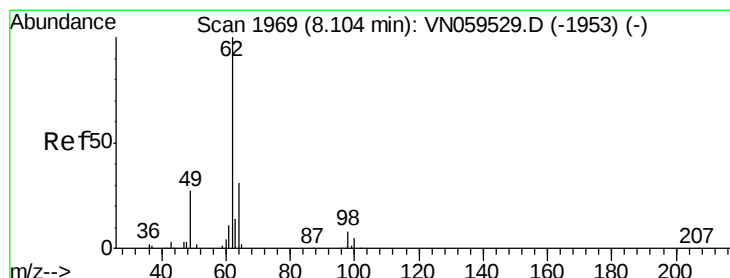
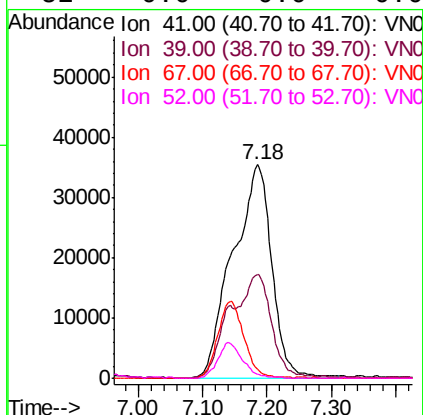
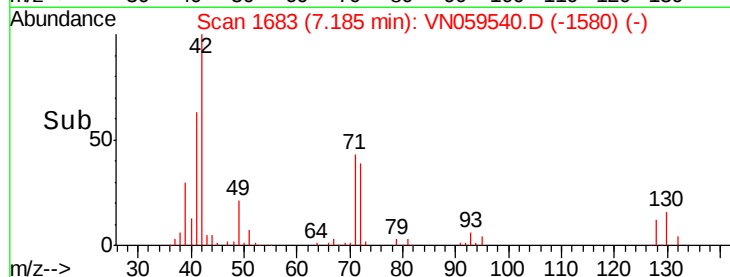
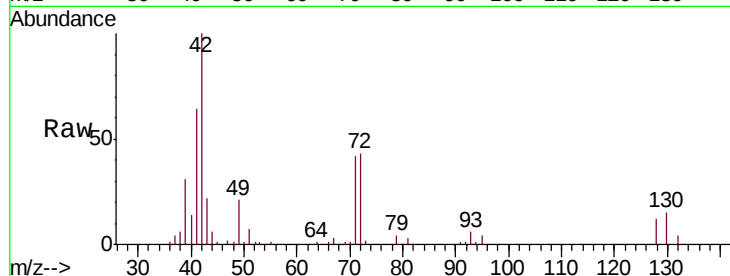




#41
Methacrylonitrile
Concen: 57.173 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.03 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

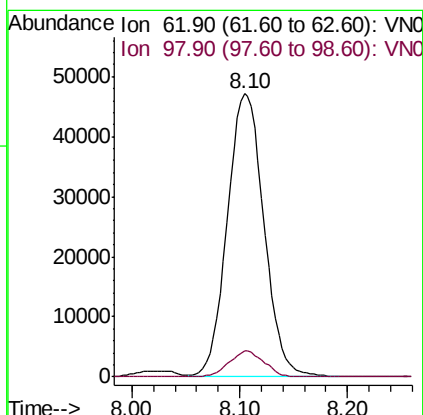
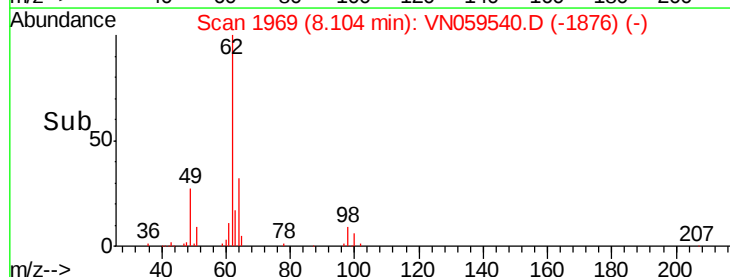
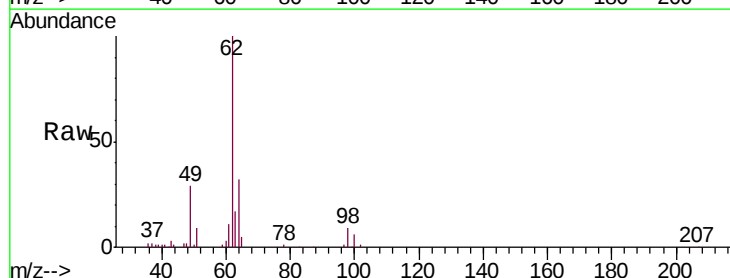
Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

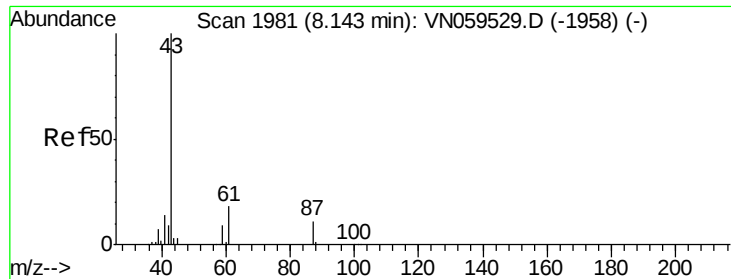
Tgt Ion:	41	Resp:	149323
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.560 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion:	62	Resp:	111888
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	15.4

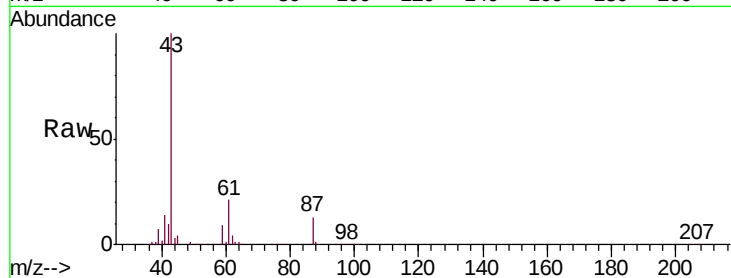




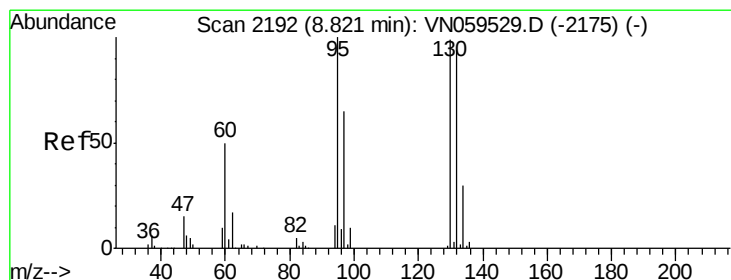
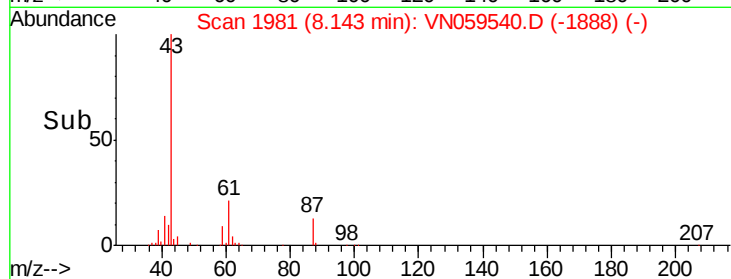
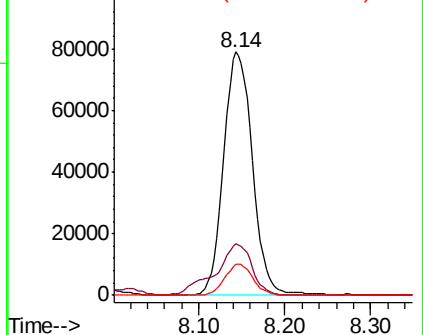
#43
Isopropyl Acetate
Concen: 19.689 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

Tgt Ion: 43 Resp: 182662
Ion Ratio Lower Upper
43 100
61 26.9 19.8 29.6
87 12.6 9.4 14.2

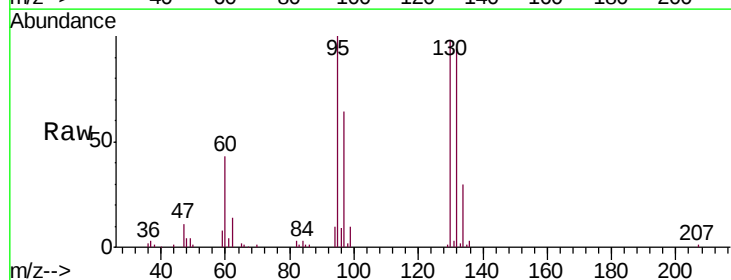


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

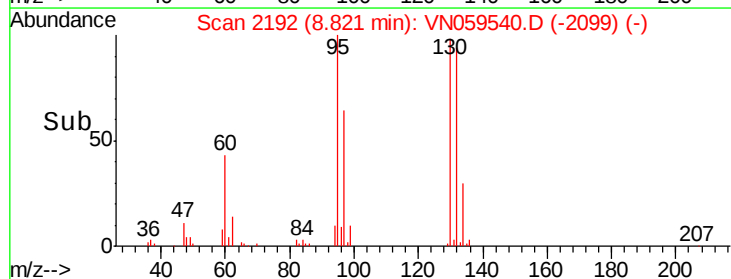
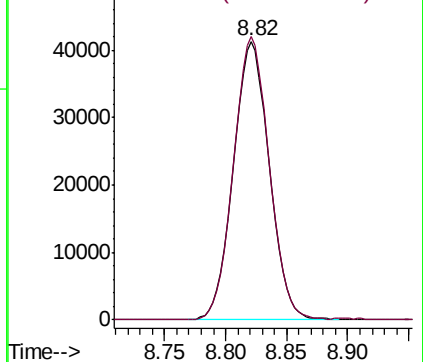


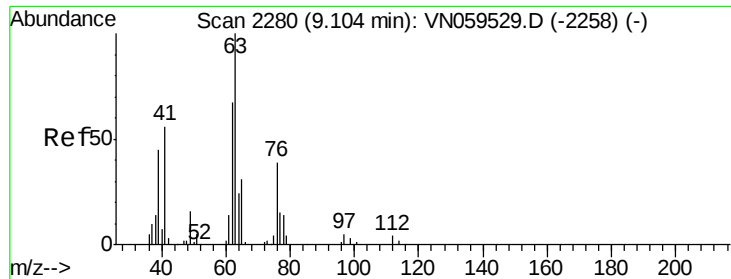
#44
Trichloroethene
Concen: 21.700 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion: 130 Resp: 84168
Ion Ratio Lower Upper
130 100
95 101.6 0.0 202.0



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

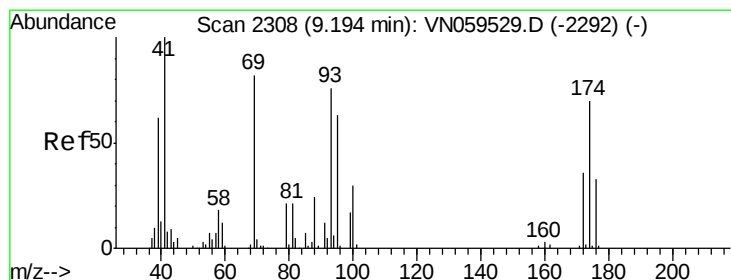
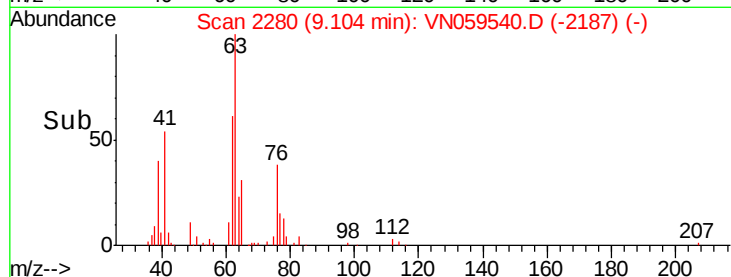
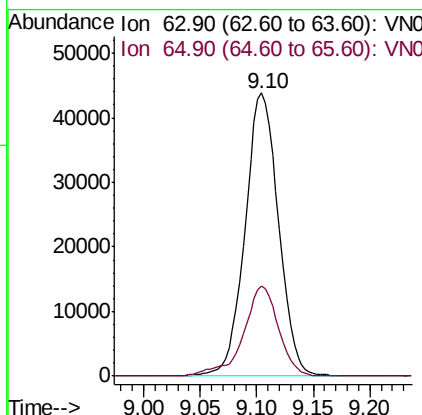
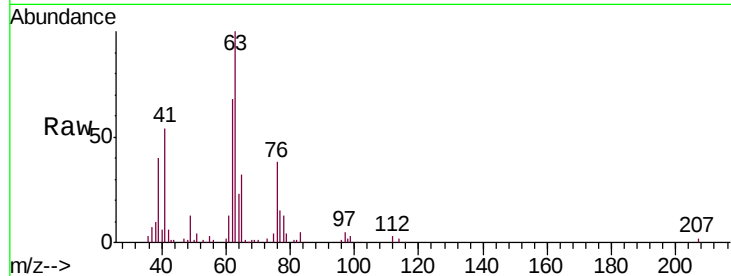




#45
 1,2-Dichloropropane
 Concen: 22.164 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

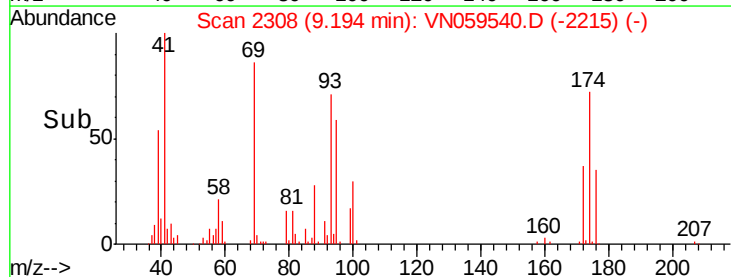
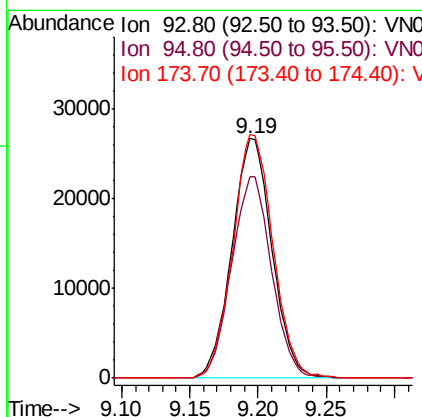
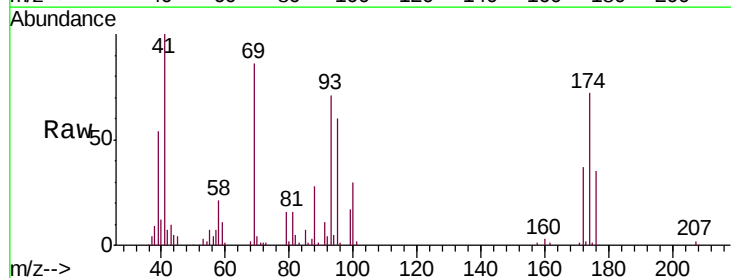
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210MBS01

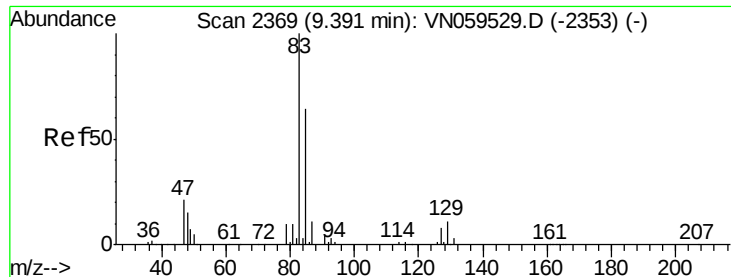
Tgt Ion: 63 Resp: 90146
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.8 37.2



#46
 Dibromomethane
 Concen: 20.245 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. -0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Tgt Ion: 93 Resp: 54418
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.0 100.6
 174 101.9 75.6 113.4

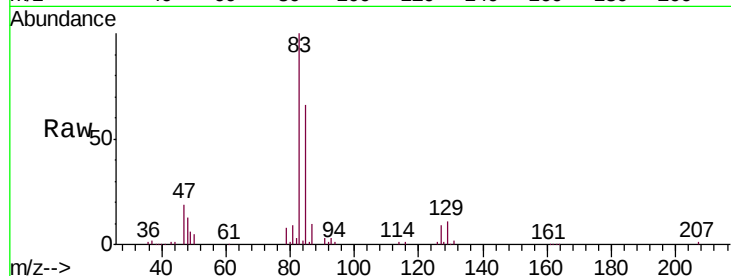




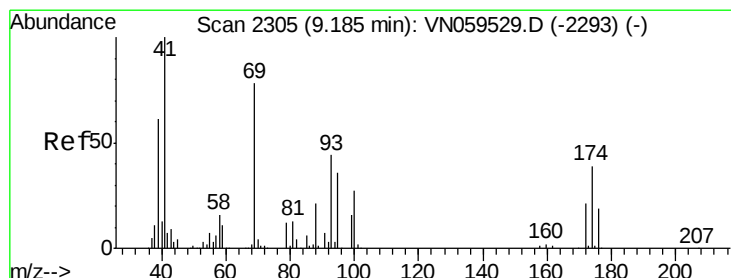
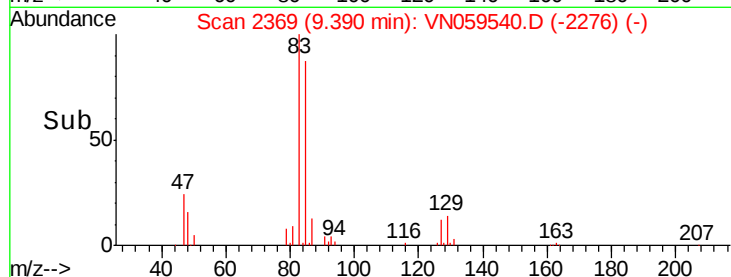
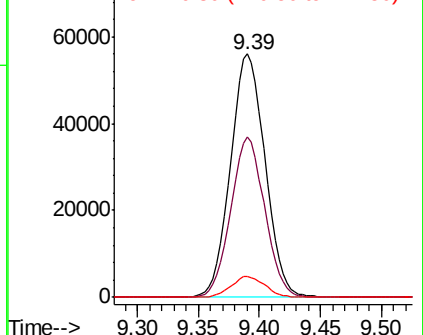
#47
Bromodichloromethane
Concen: 20.676 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

Tgt Ion: 83 Resp: 110452
Ion Ratio Lower Upper
83 100
85 65.9 51.4 77.0
127 8.7 6.7 10.1

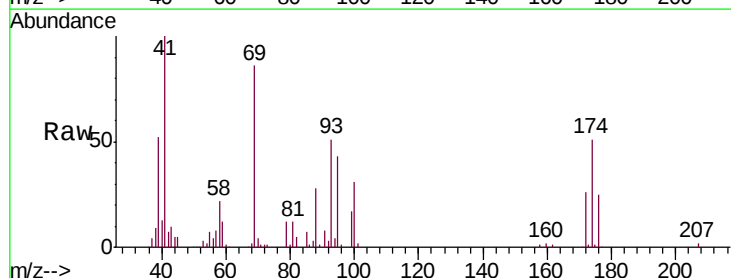


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

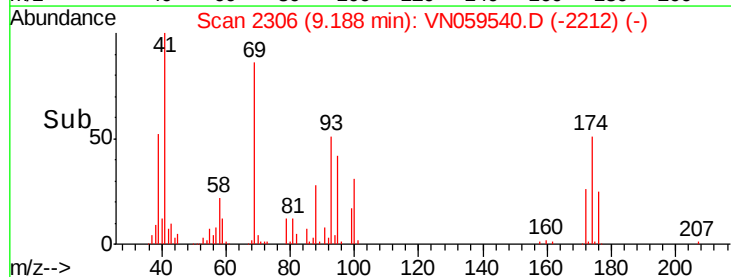
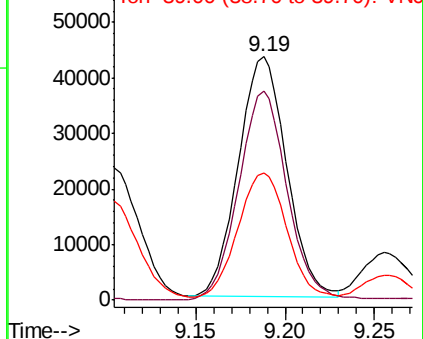


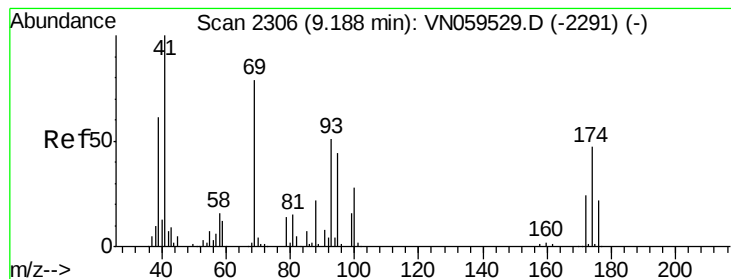
#48
Methyl methacrylate
Concen: 20.232 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion: 41 Resp: 82069
Ion Ratio Lower Upper
41 100
69 87.5 64.0 96.0
39 53.9 50.0 75.0



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 516.257 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1210MBS01

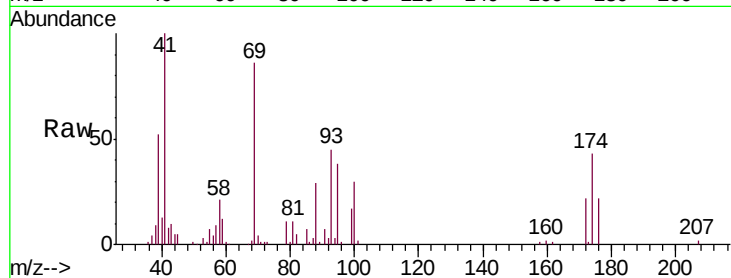
Tgt Ion: 88 Resp: 26794

Ion Ratio Lower Upper

88 100

43 34.3 31.4 47.0

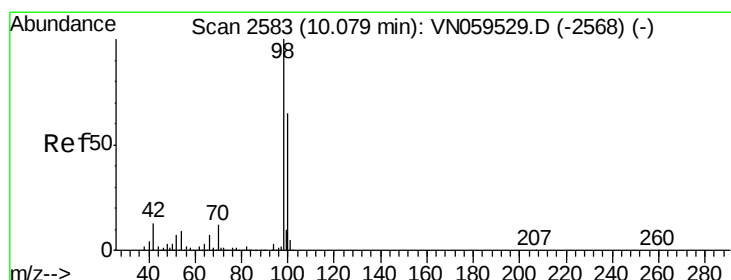
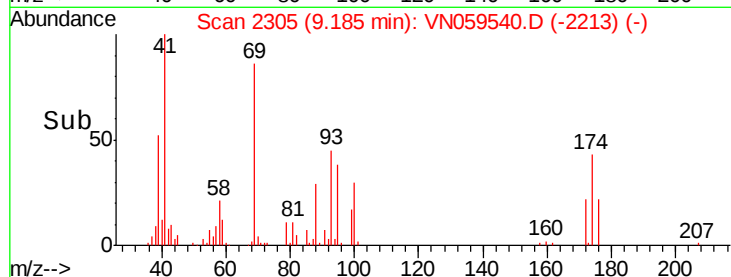
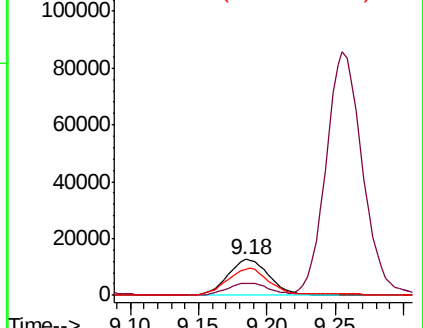
58 75.2 61.0 91.6



Abundance Ion 88.00 (87.70 to 88.70): VN059529.D (-2291) (-)

Ion 43.00 (42.70 to 43.70): VN059529.D (-2291) (-)

Ion 58.00 (57.70 to 58.70): VN059529.D (-2291) (-)



#50

Toluene-d8

Concen: 42.505 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059540.D

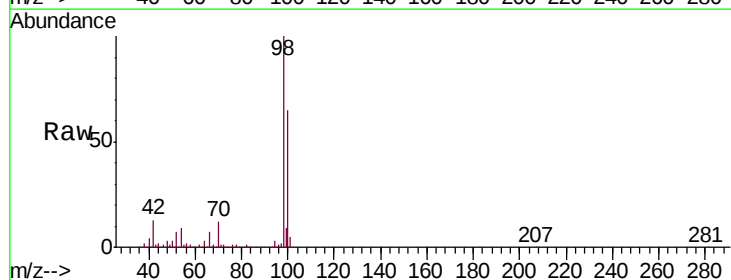
Acq: 10 Dec 2019 12:36

Tgt Ion: 98 Resp: 542445

Ion Ratio Lower Upper

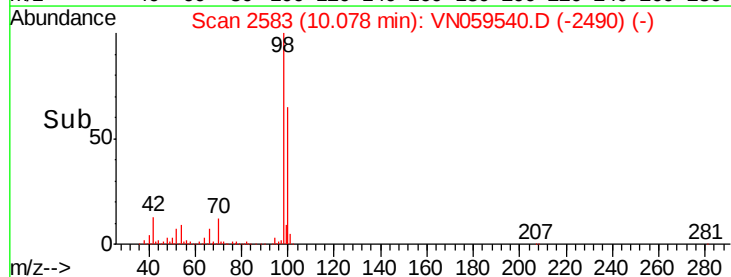
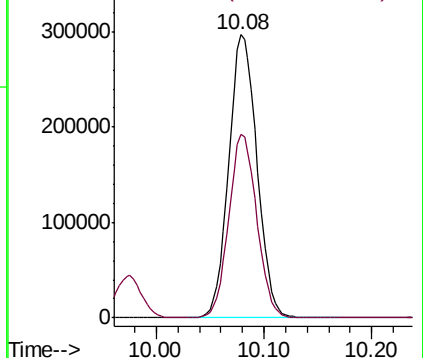
98 100

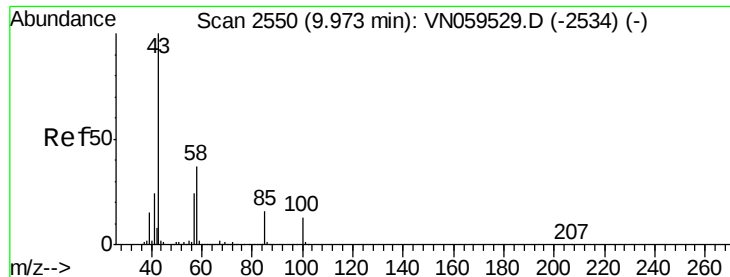
100 63.9 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN059529.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN059529.D (-2568) (-)

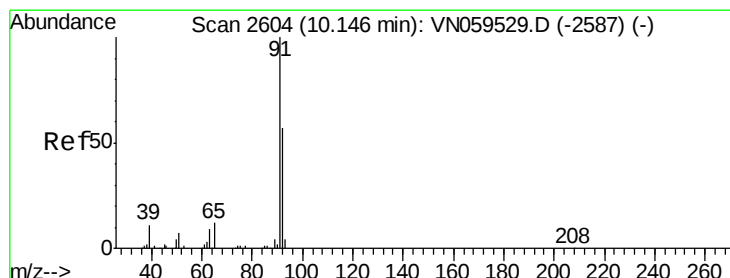
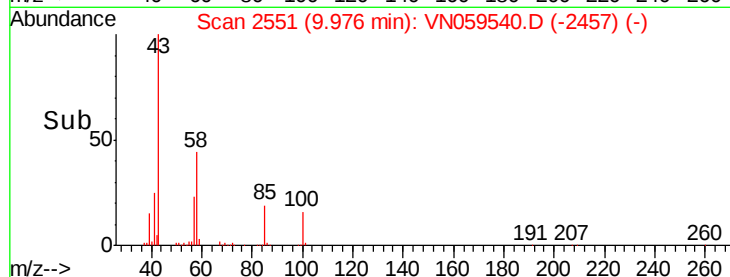
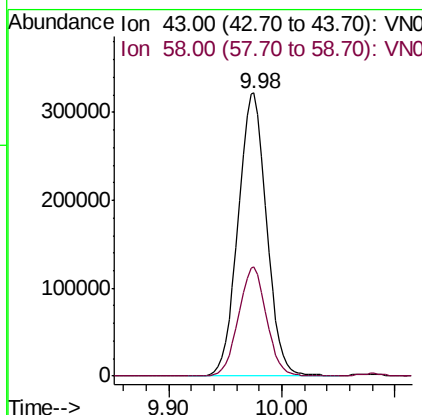
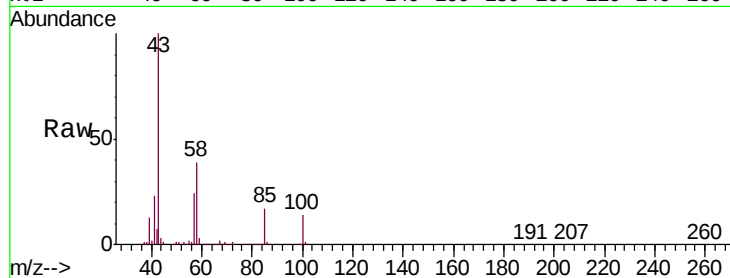




#51
 4-Methyl-2-Pentanone
 Concen: 95.529 ug/l
 RT: 9.98 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

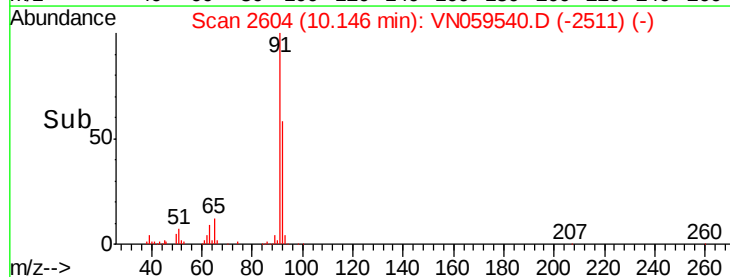
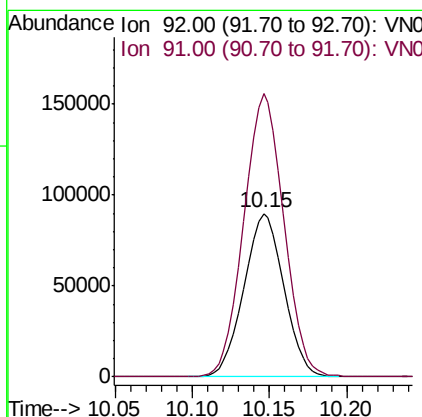
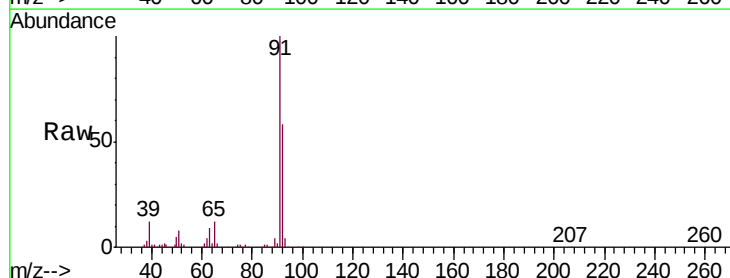
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210MBS01

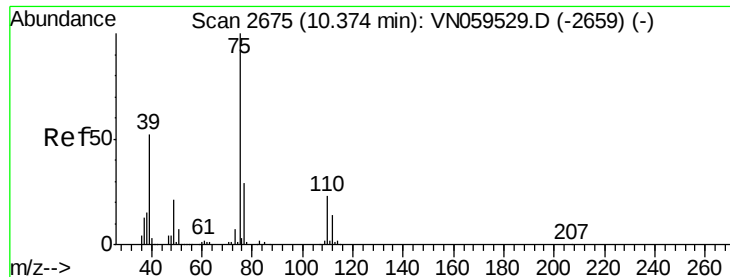
Tgt Ion: 43 Resp: 566061
 Ion Ratio Lower Upper
 43 100
 58 37.9 30.1 45.1



#52
 Toluene
 Concen: 17.694 ug/l
 RT: 10.15 min Scan# 2604
 Delta R.T. -0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Tgt Ion: 92 Resp: 161864
 Ion Ratio Lower Upper
 92 100
 91 173.9 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 17.228 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

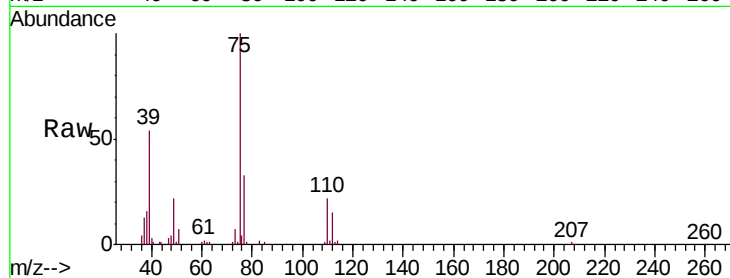
VN1210MBS01

Tgt Ion: 75 Resp: 107228

Ion Ratio Lower Upper

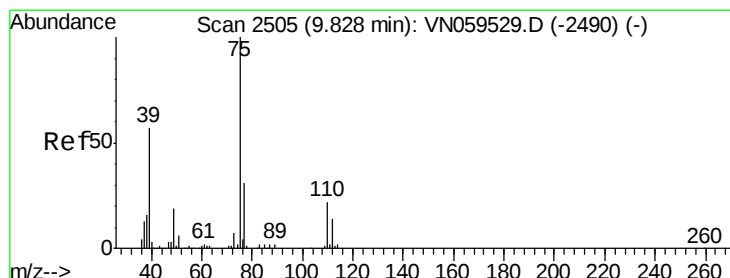
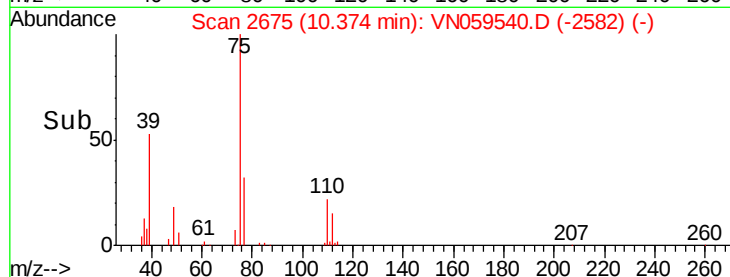
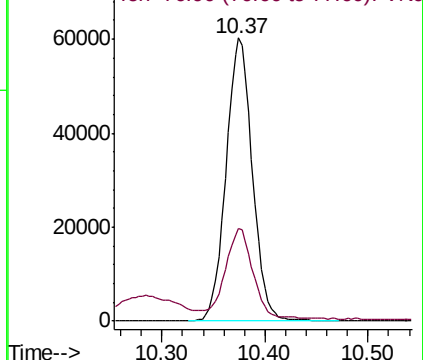
75 100

77 32.0 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 21.498 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

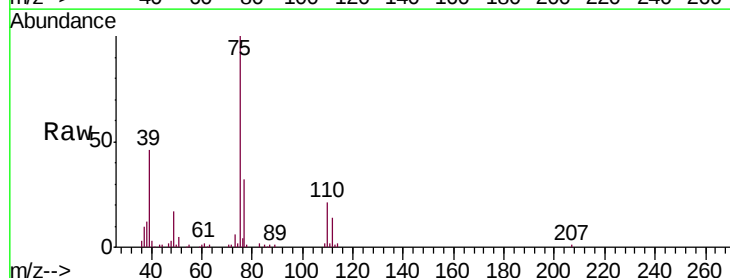
Tgt Ion: 75 Resp: 136949

Ion Ratio Lower Upper

75 100

77 31.6 24.6 36.8

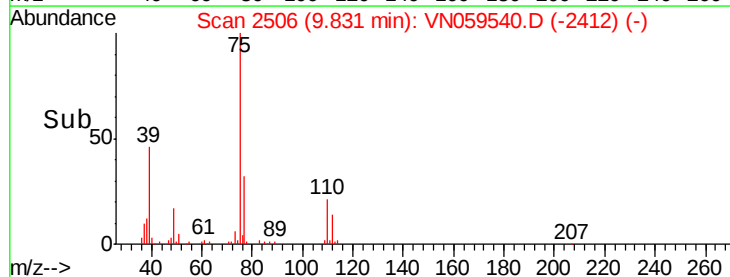
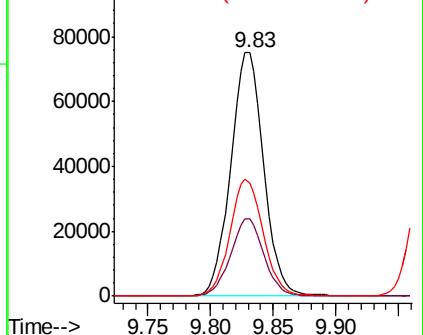
39 46.5 45.6 68.4

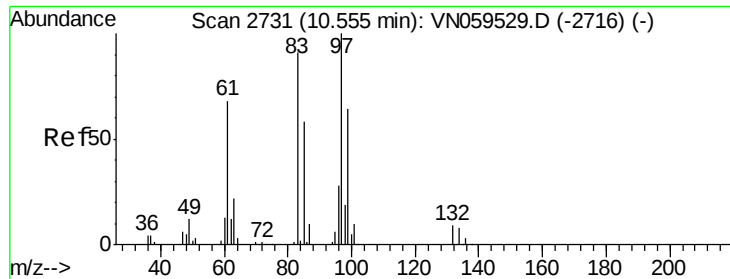


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 17.351 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampled :

VN1210MBS01

Tgt Ion: 97 Resp: 64193

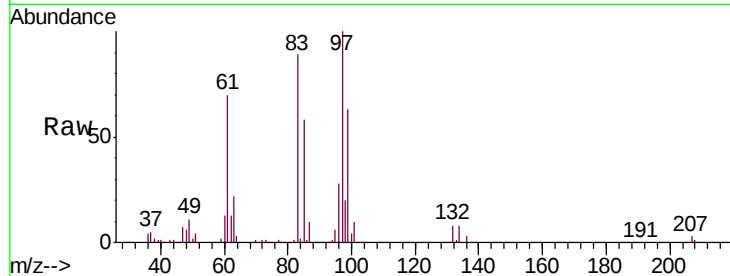
Ion Ratio Lower Upper

97 100

83 89.2 72.9 109.3

85 58.3 46.1 69.1

99 62.8 50.8 76.2

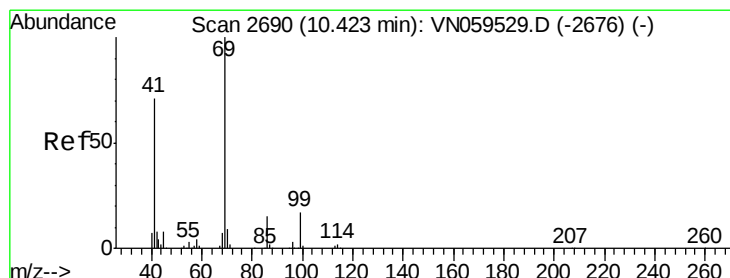
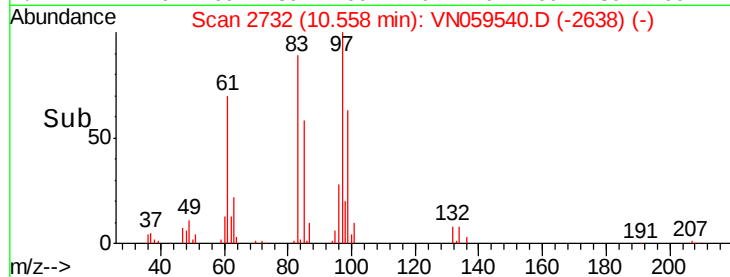
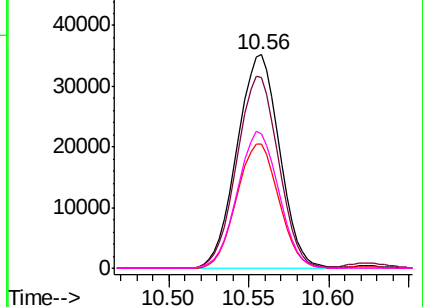


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 16.268 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

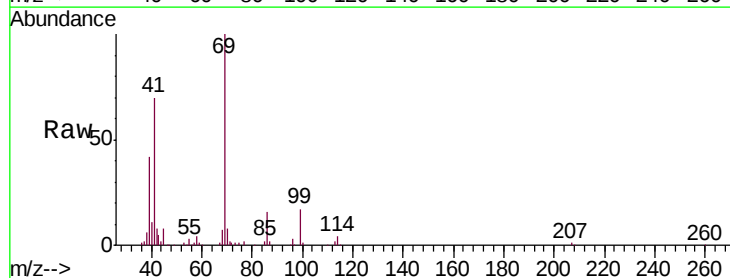
Tgt Ion: 69 Resp: 94132

Ion Ratio Lower Upper

69 100

41 69.5 57.7 86.5

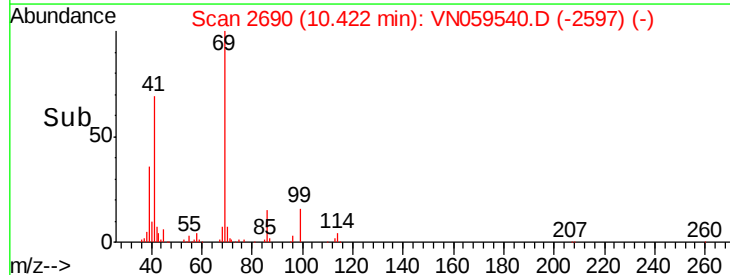
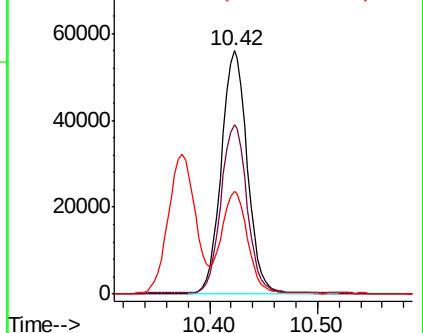
39 42.0 34.2 51.2

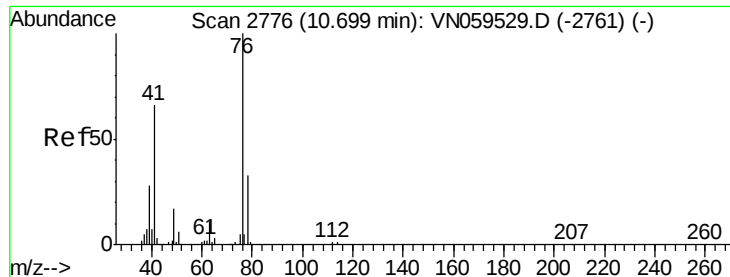


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

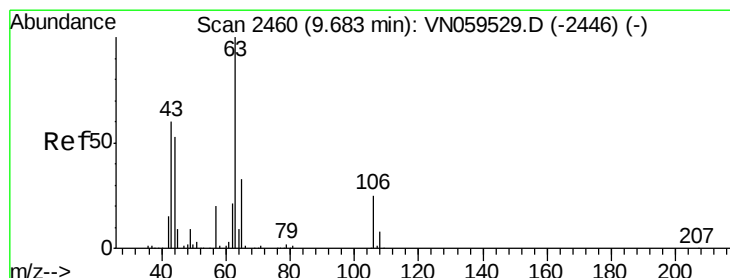
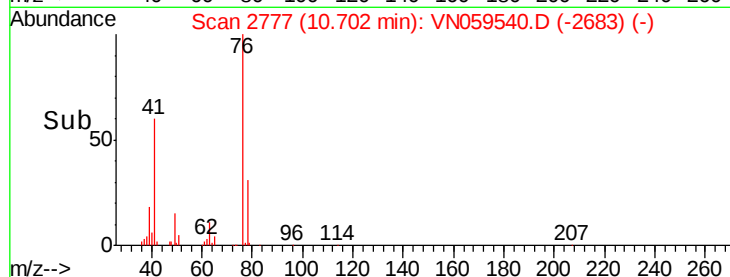
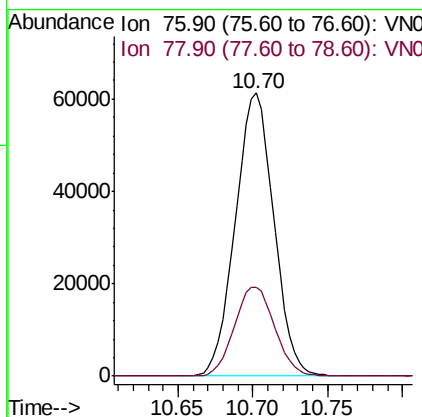
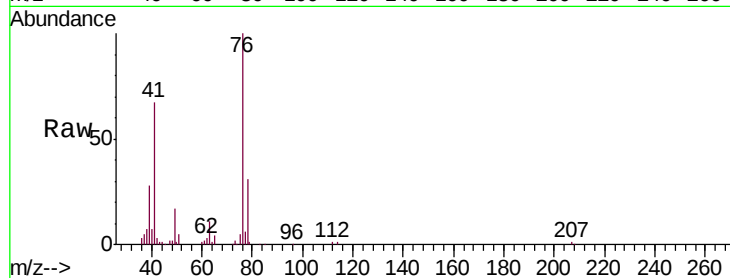




#57
 1,3-Dichloropropane
 Concen: 17.393 ug/l
 RT: 10.70 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

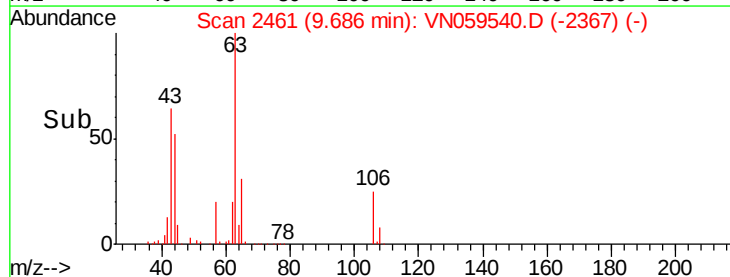
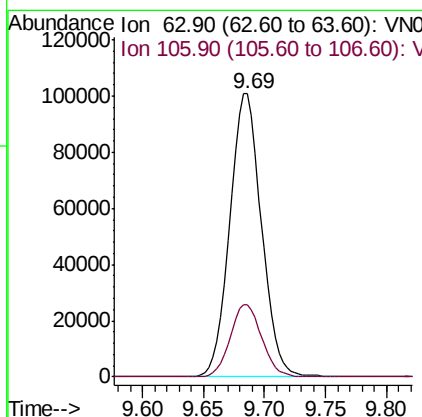
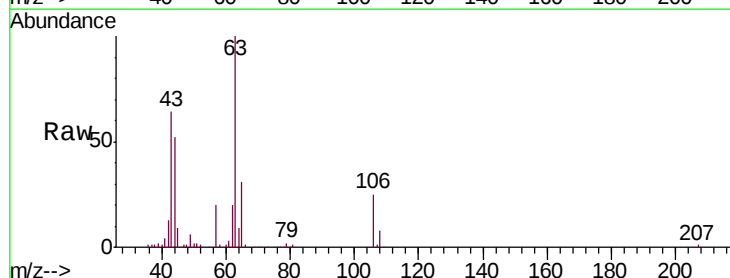
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210MBS01

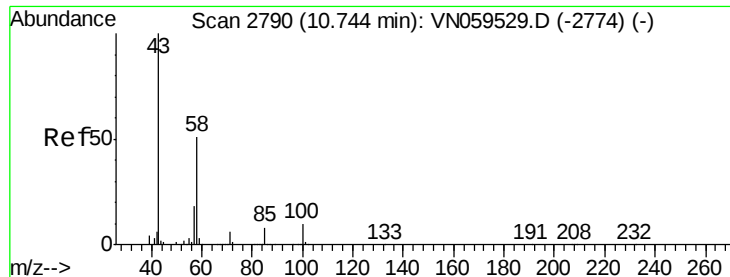
Tgt Ion: 76 Resp: 109901
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 120.238 ug/l
 RT: 9.69 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Tgt Ion: 63 Resp: 182237
 Ion Ratio Lower Upper
 63 100
 106 25.5 19.9 29.9

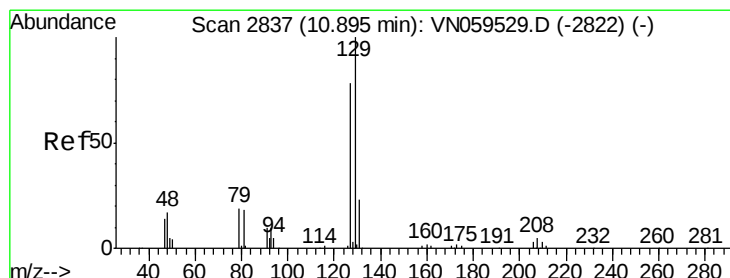
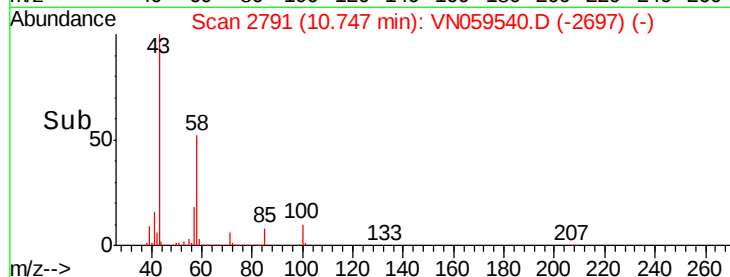
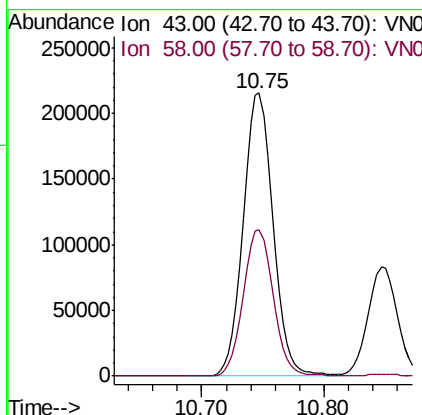
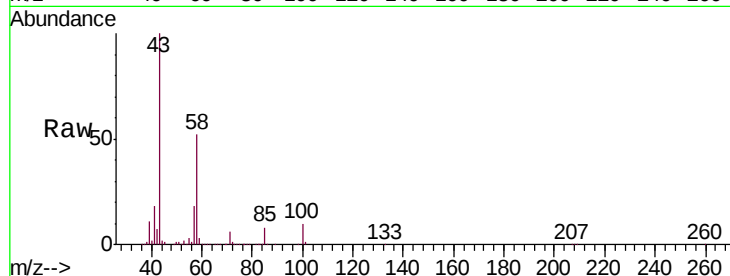




#59
2-Hexanone
Concen: 81.837 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

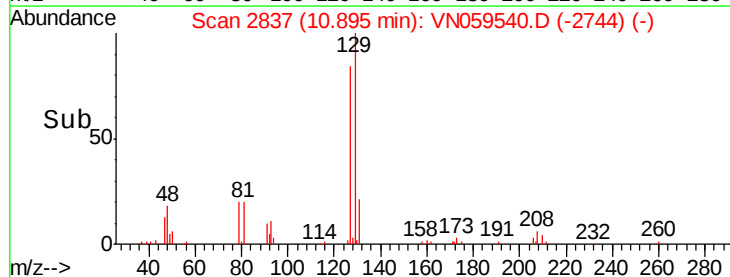
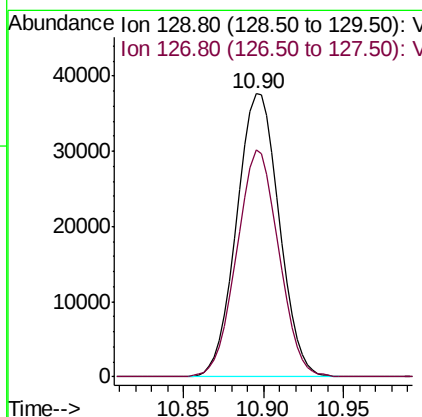
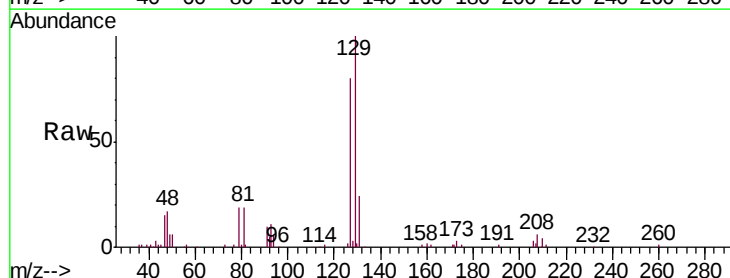
Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

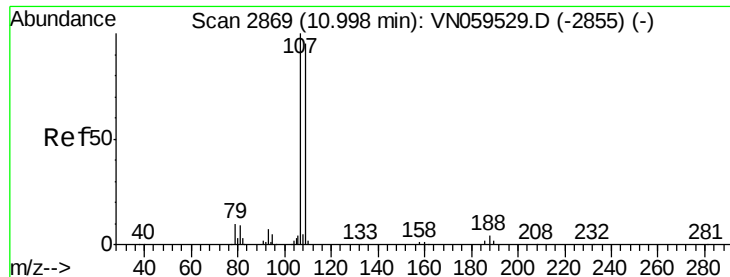
Tgt Ion: 43 Resp: 361692
Ion Ratio Lower Upper
43 100
58 52.1 25.9 77.6



#60
Dibromochloromethane
Concen: 16.192 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion: 129 Resp: 68300
Ion Ratio Lower Upper
129 100
127 79.2 38.9 116.6

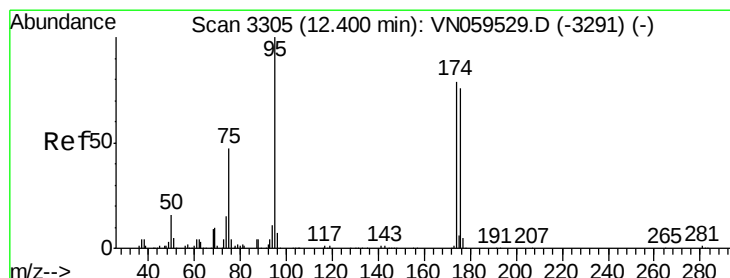
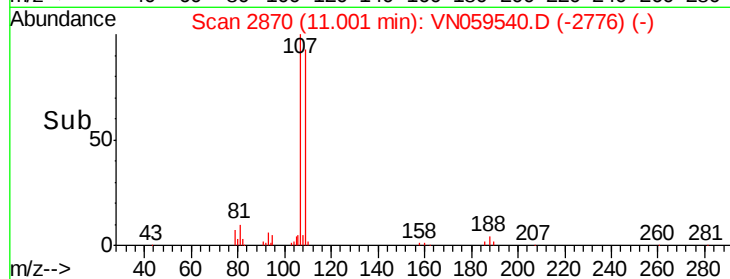
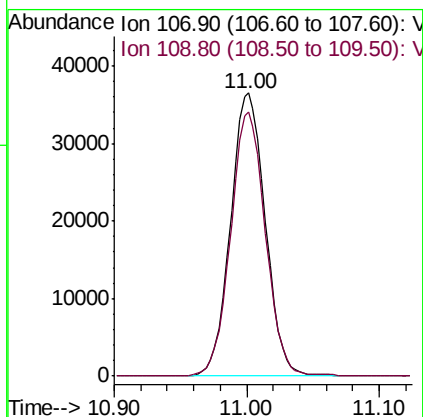
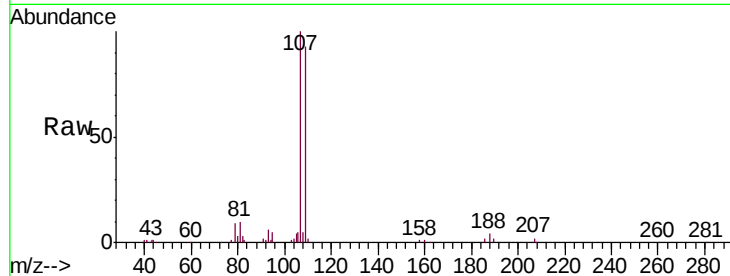




#61
 1,2-Dibromoethane
 Concen: 17.205 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

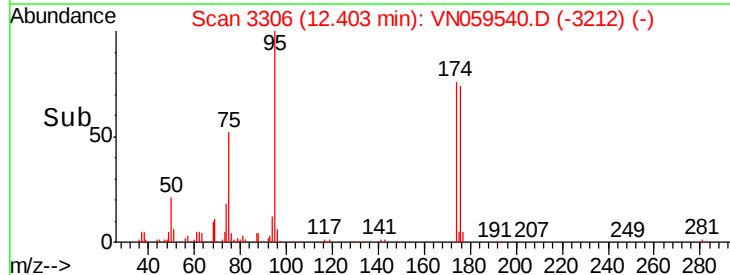
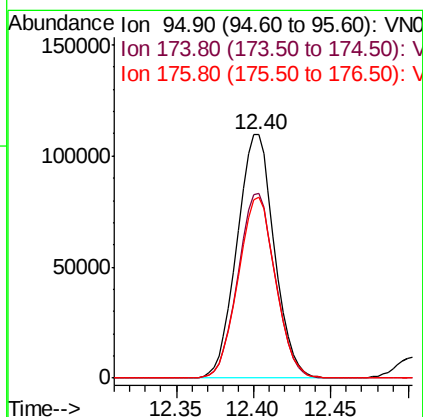
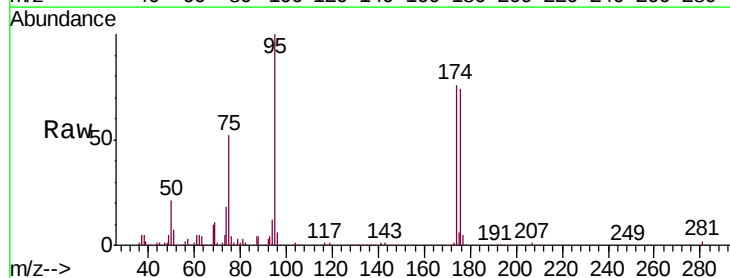
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210MBS01

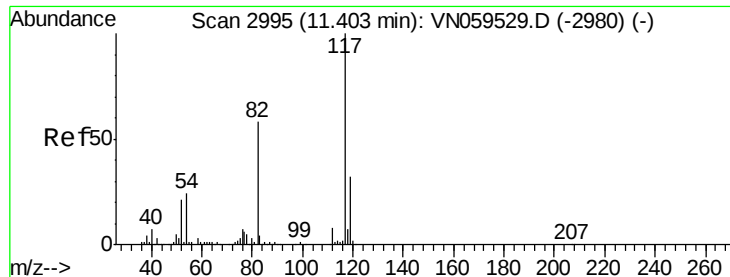
Tgt Ion: 107 Resp: 66264
 Ion Ratio Lower Upper
 107 100
 109 93.5 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 38.936 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Tgt Ion: 95 Resp: 183933
 Ion Ratio Lower Upper
 95 100
 174 76.0 0.0 158.0
 176 74.4 0.0 155.4

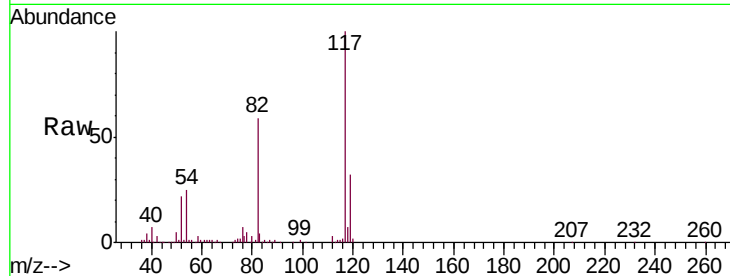




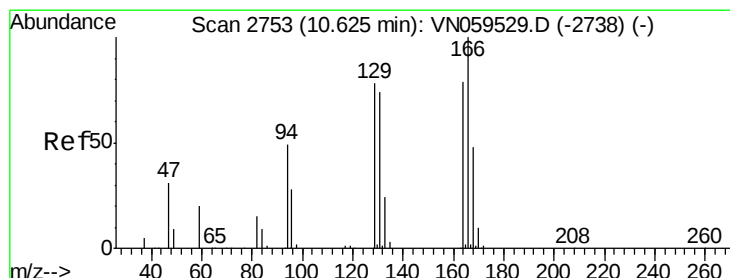
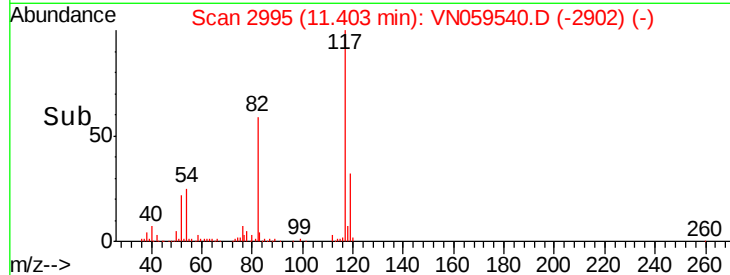
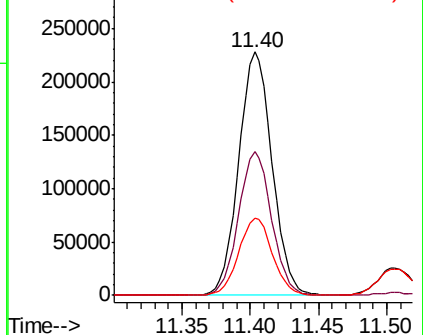
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

Tgt Ion:117 Resp: 387439
Ion Ratio Lower Upper
117 100
82 58.8 46.5 69.7
119 31.7 25.2 37.8

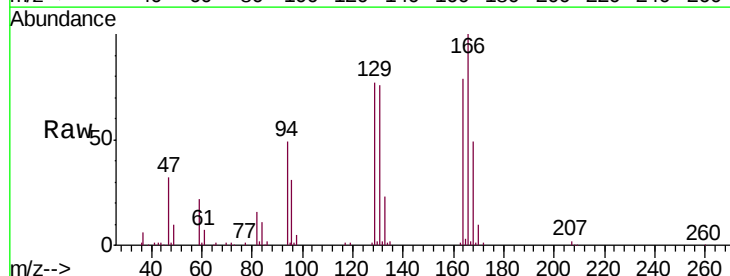


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

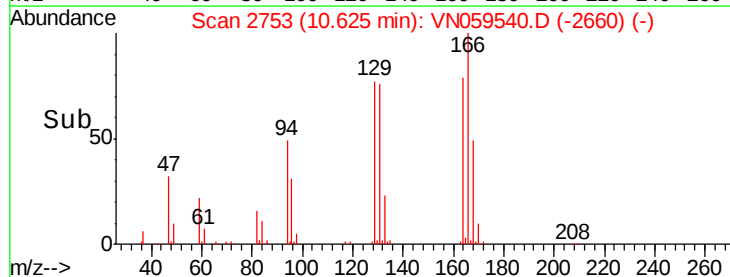
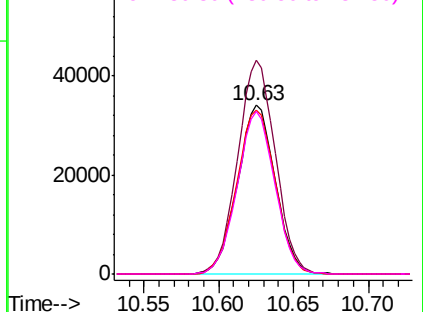


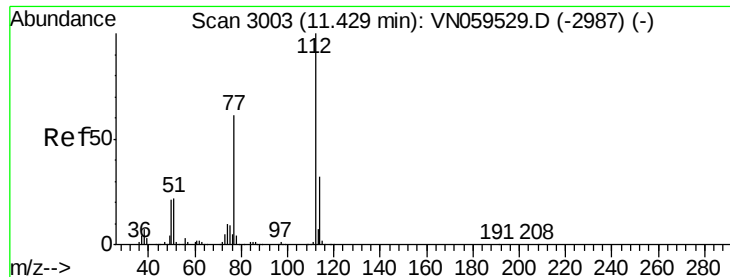
#64
Tetrachloroethene
Concen: 21.189 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion:164 Resp: 59999
Ion Ratio Lower Upper
164 100
166 126.8 101.6 152.4
129 97.6 79.0 118.6
131 96.2 74.7 112.1



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

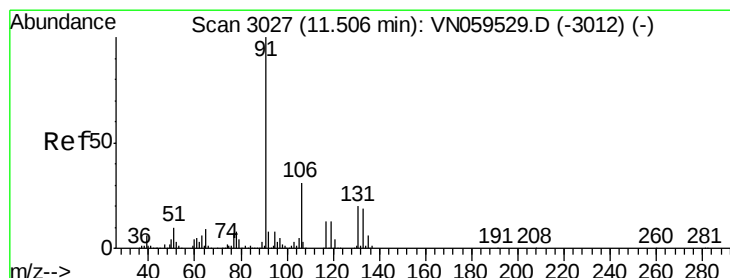
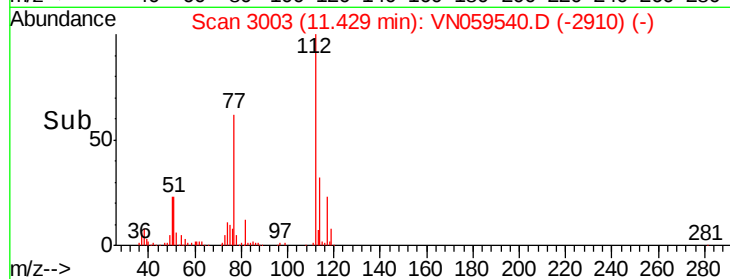
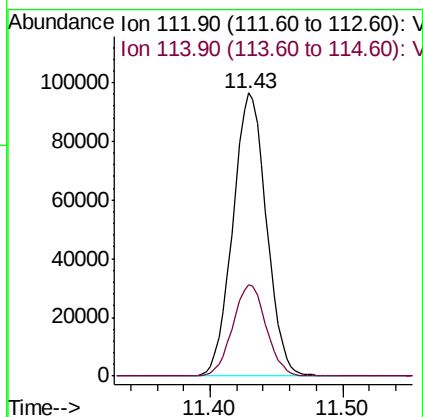
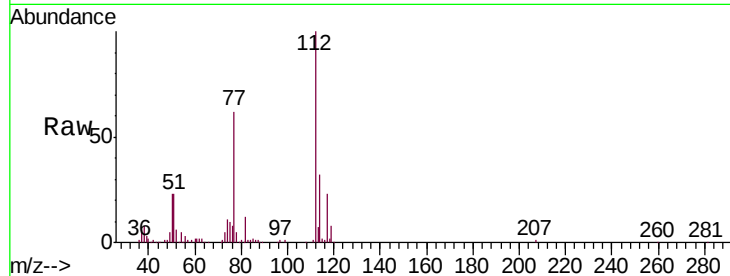




#65
Chlorobenzene
Concen: 20.926 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

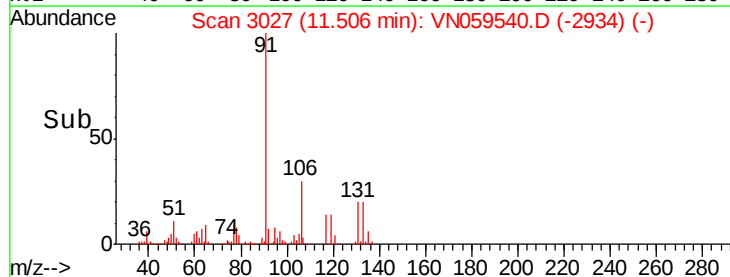
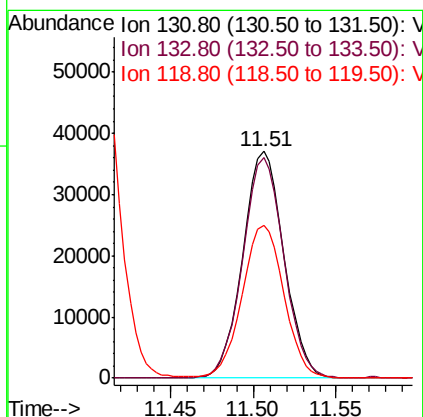
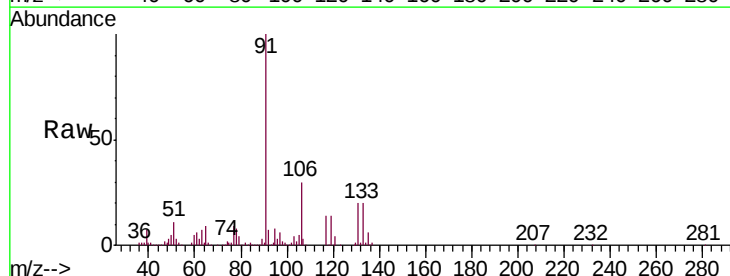
Instrument :
MSVOA_N
ClientSampled :
VN1210MBS01

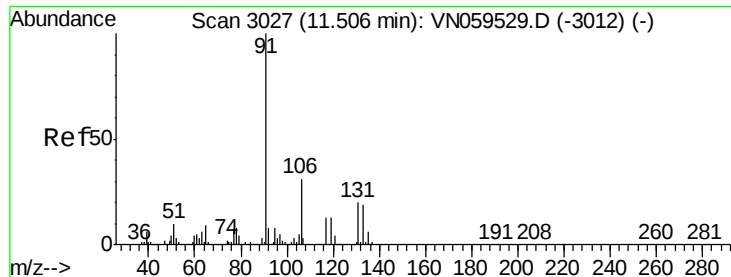
Tgt Ion:112 Resp: 169881
Ion Ratio Lower Upper
112 100
114 32.1 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.124 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion:131 Resp: 63959
Ion Ratio Lower Upper
131 100
133 97.2 47.8 143.3
119 68.4 33.4 100.2





#67

Ethyl Benzene

Concen: 21.326 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

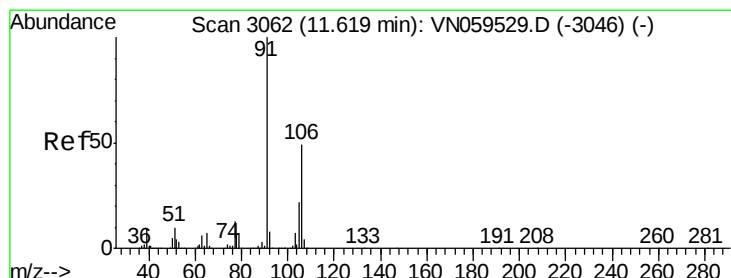
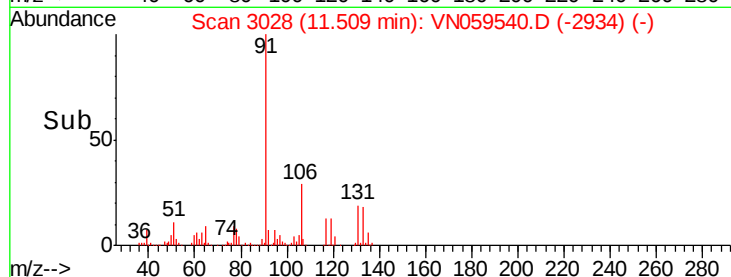
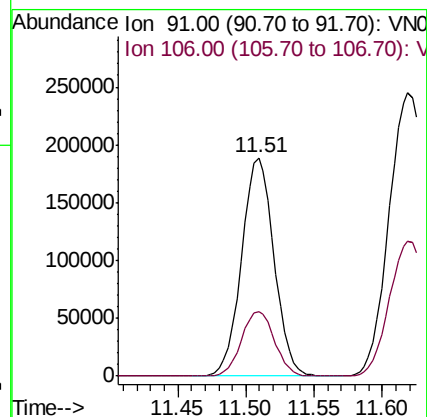
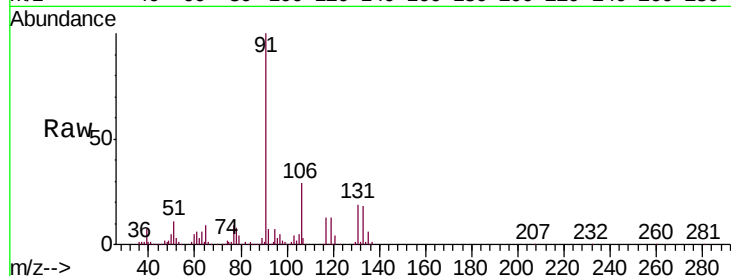
VN1210MBS01

Tgt Ion: 91 Resp: 311543

Ion Ratio Lower Upper

91 100

106 29.5 24.5 36.7



#68

m/p-Xylenes

Concen: 41.676 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059540.D

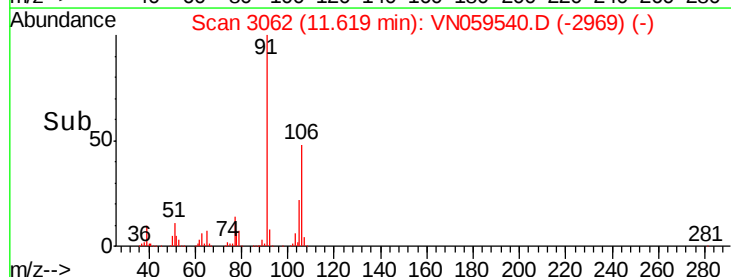
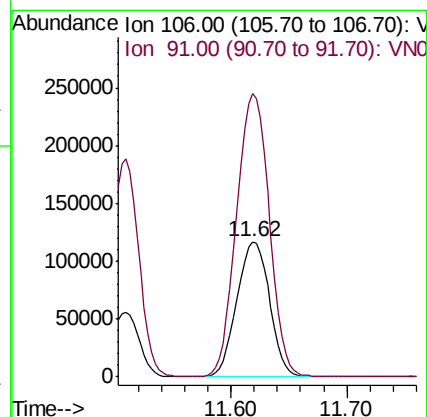
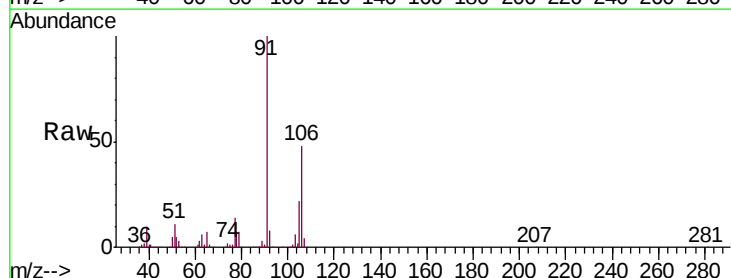
Acq: 10 Dec 2019 12:36

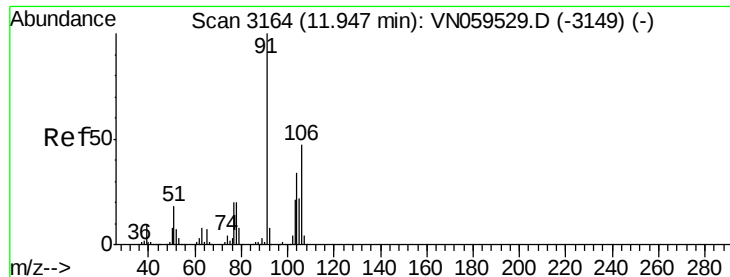
Tgt Ion: 106 Resp: 228387

Ion Ratio Lower Upper

106 100

91 209.5 162.9 244.3

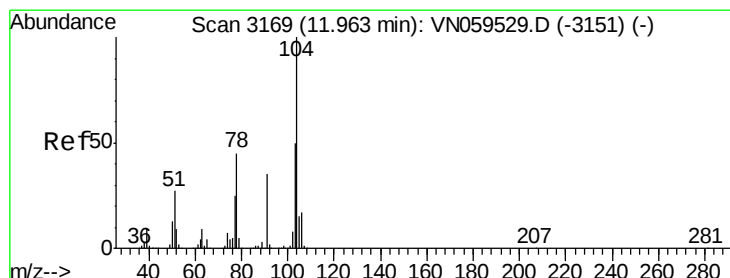
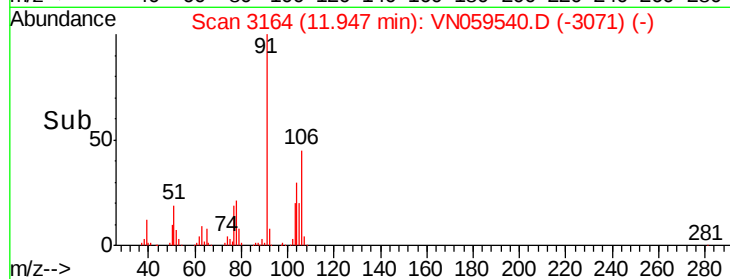
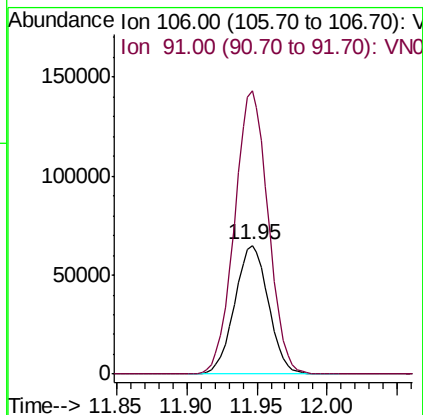
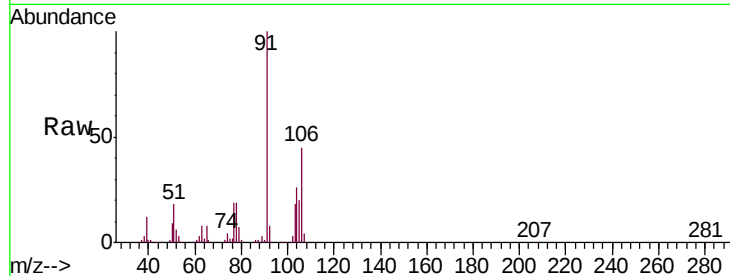




#69
o-Xylene
Concen: 21.367 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

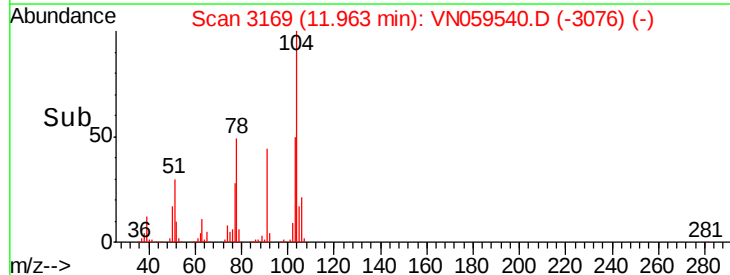
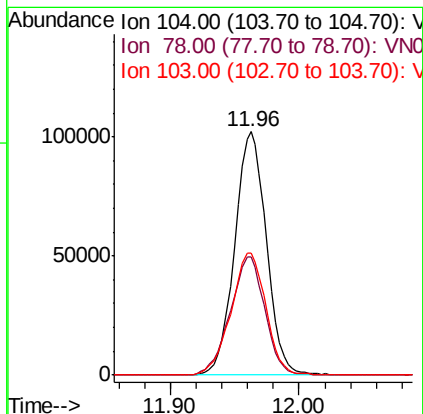
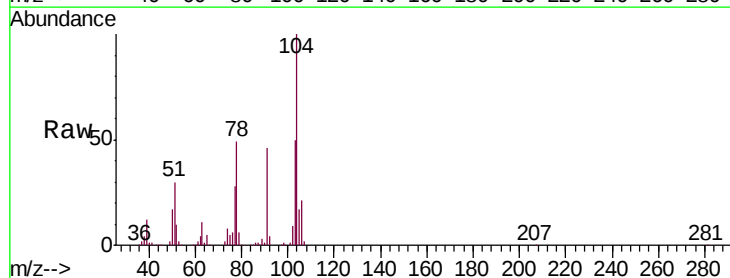
Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

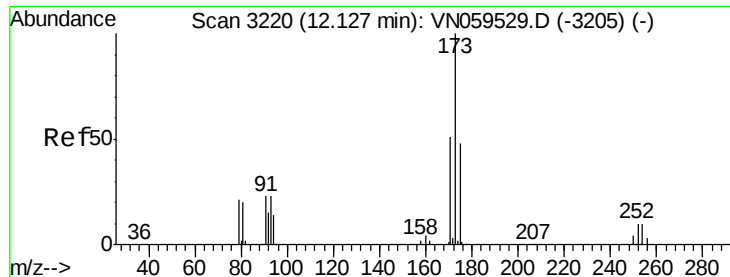
Tgt Ion:106 Resp: 108983
Ion Ratio Lower Upper
106 100
91 219.7 106.7 319.9



#70
Styrene
Concen: 20.637 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion:104 Resp: 174386
Ion Ratio Lower Upper
104 100
78 53.3 40.6 60.8
103 55.4 43.9 65.9

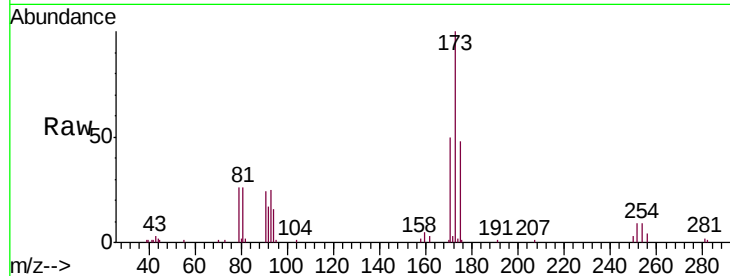




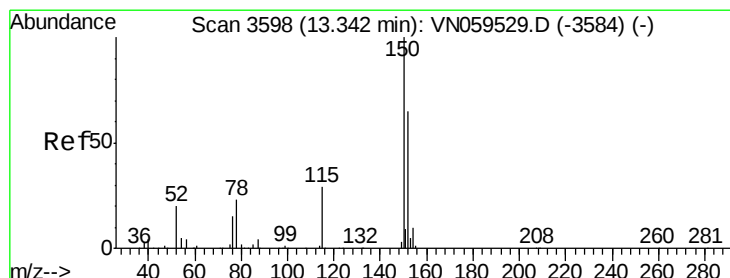
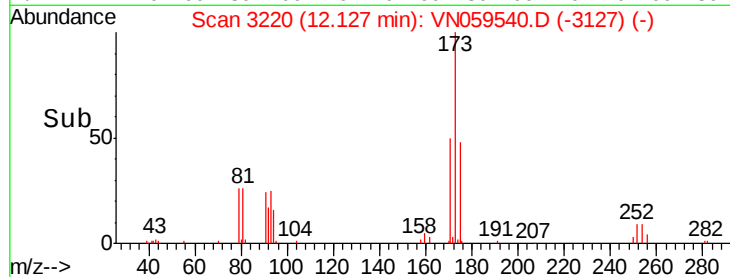
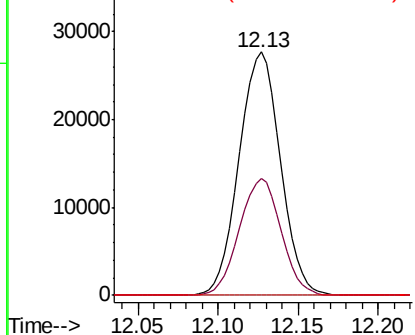
#71
Bromoform
Concen: 20.497 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

Tgt Ion:173 Resp: 48832
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.4
254 0.0 0.0 0.0

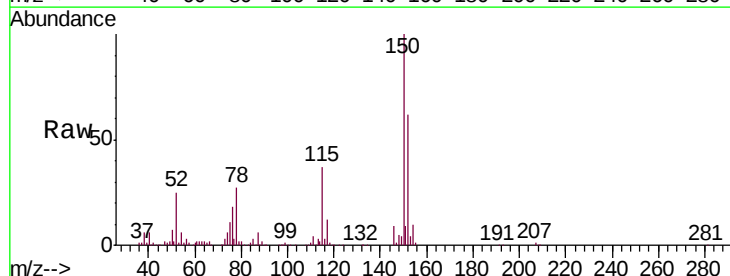


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

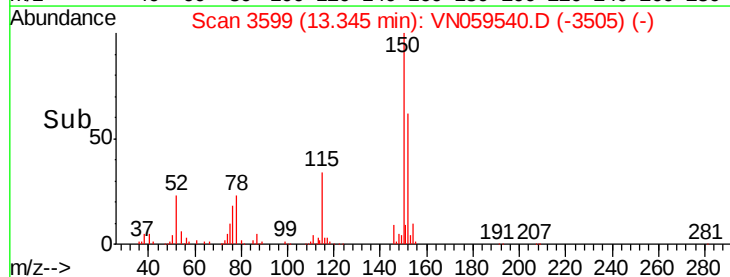
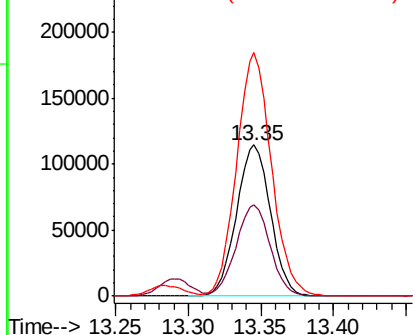


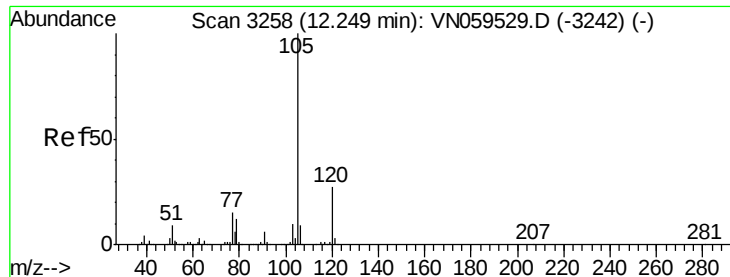
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion:152 Resp: 187029
Ion Ratio Lower Upper
152 100
115 60.4 29.4 88.2
150 165.2 0.0 342.4



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





#73

Isopropylbenzene

Concen: 21.079 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

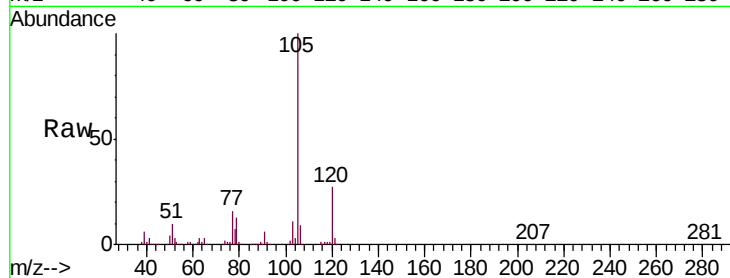
VN1210MBS01

Tgt Ion: 105 Resp: 295716

Ion Ratio Lower Upper

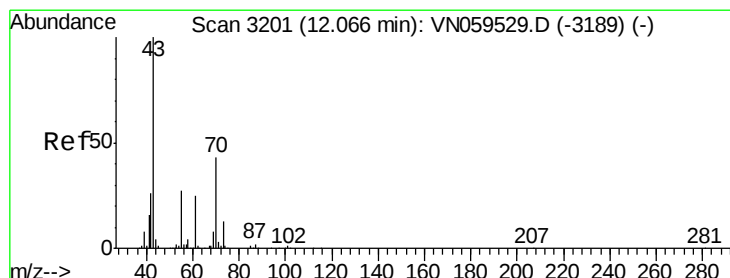
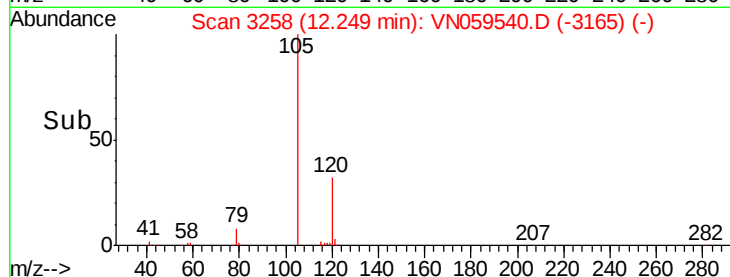
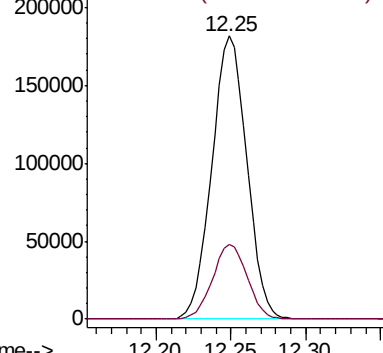
105 100

120 26.2 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.708 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Tgt Ion: 43 Resp: 132660

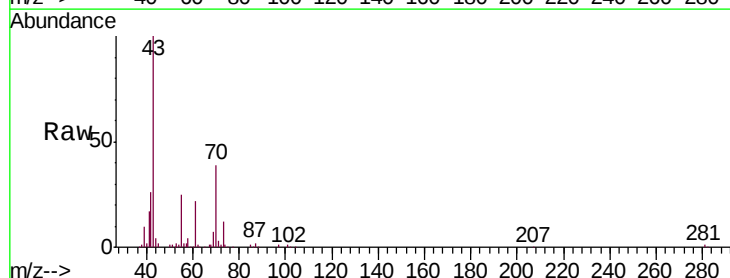
Ion Ratio Lower Upper

43 100

70 39.2 34.2 51.4

55 25.5 21.3 31.9

61 22.6 19.8 29.8

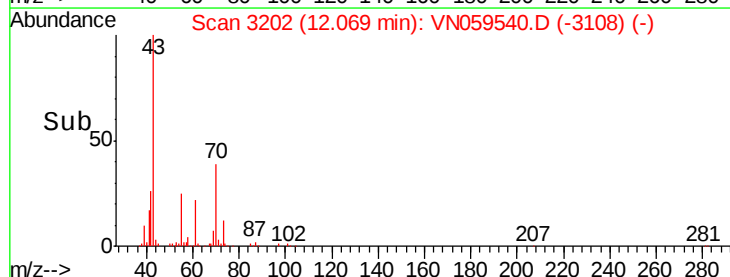
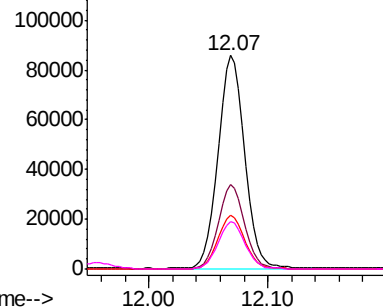


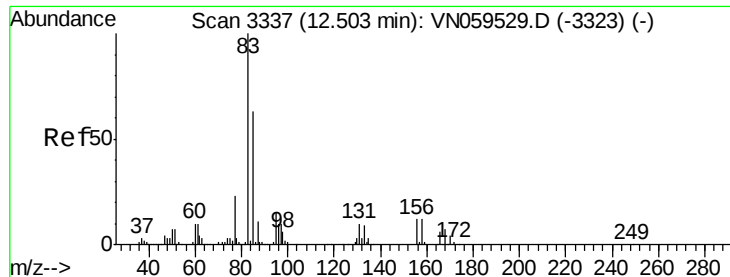
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.148 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1210MBS01

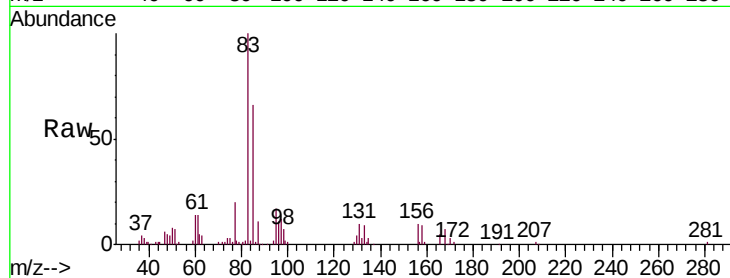
Tgt Ion: 83 Resp: 95779

Ion Ratio Lower Upper

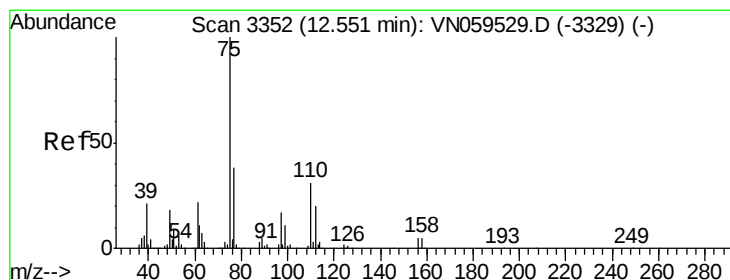
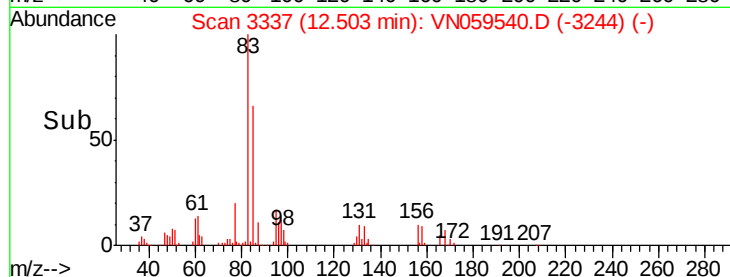
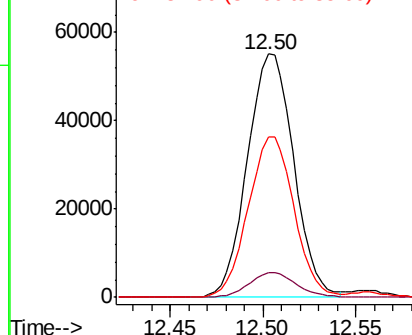
83 100

131 10.2 5.0 14.9

85 65.1 31.6 95.0



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 28.221 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059540.D

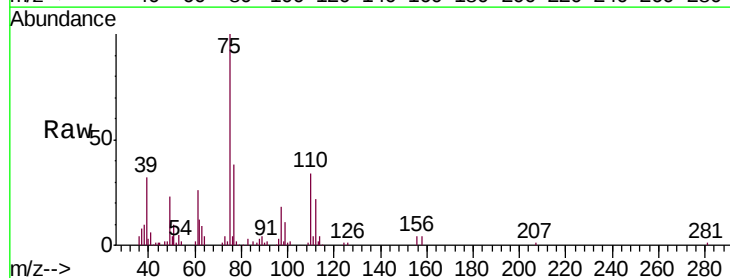
Acq: 10 Dec 2019 12:36

Tgt Ion: 75 Resp: 134978

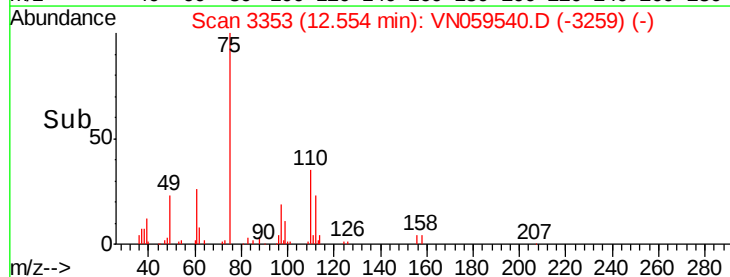
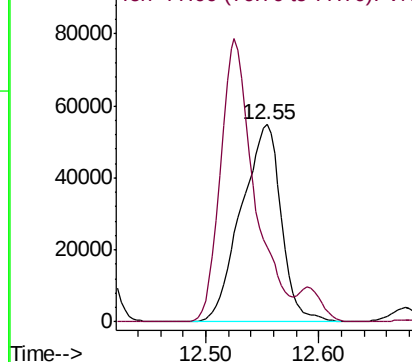
Ion Ratio Lower Upper

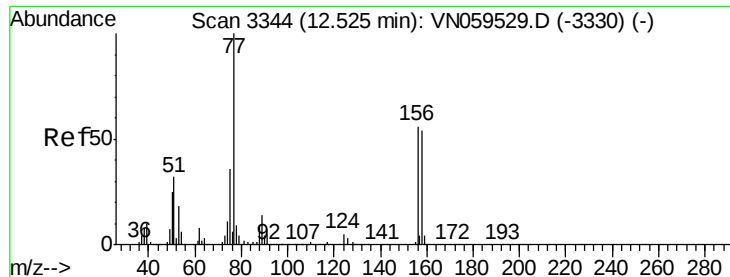
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 20.779 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampled :

VN1210MBS01

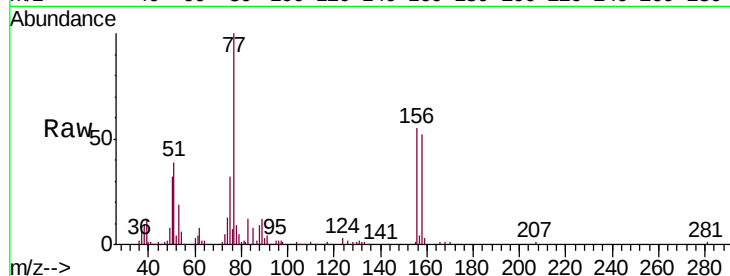
Tgt Ion:156 Resp: 72575

Ion Ratio Lower Upper

156 100

77 226.3 109.3 327.8

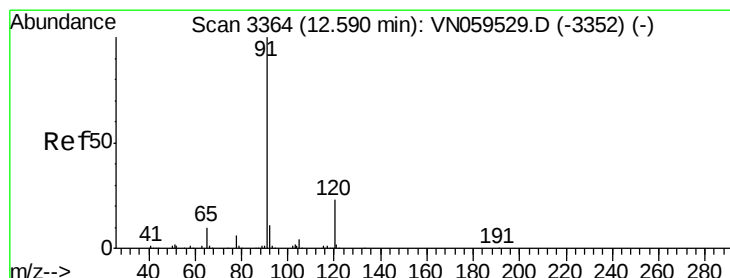
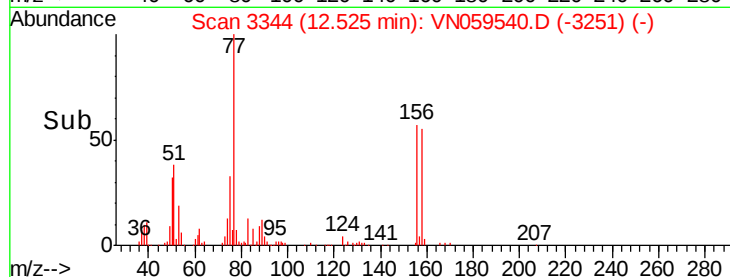
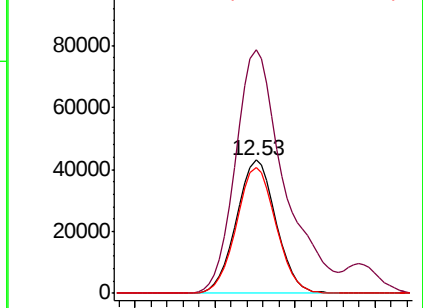
158 94.3 48.6 145.8



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: 20.632 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059540.D

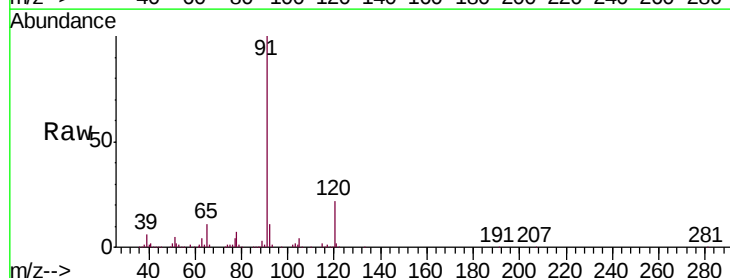
Acq: 10 Dec 2019 12:36

Tgt Ion: 91 Resp: 355681

Ion Ratio Lower Upper

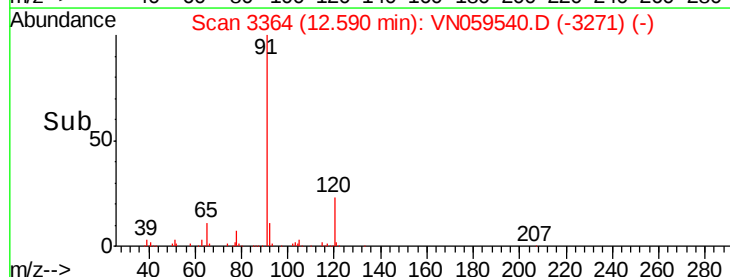
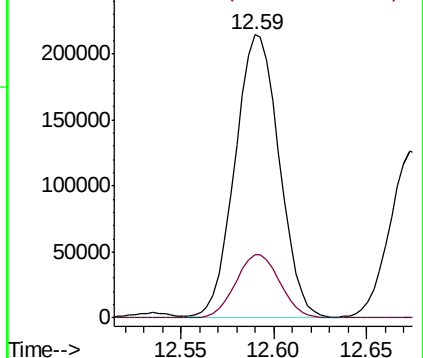
91 100

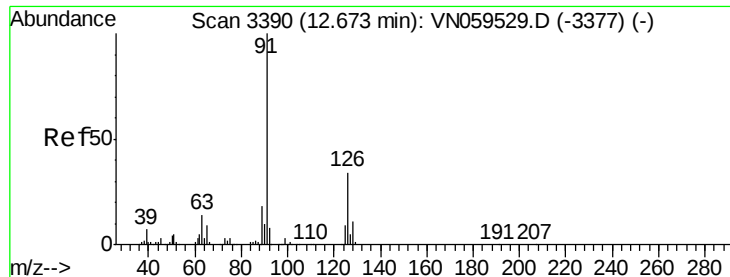
120 22.3 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

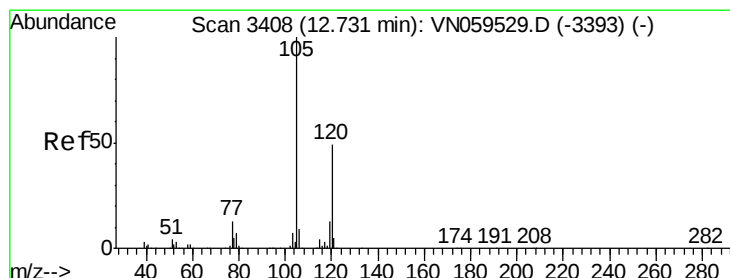
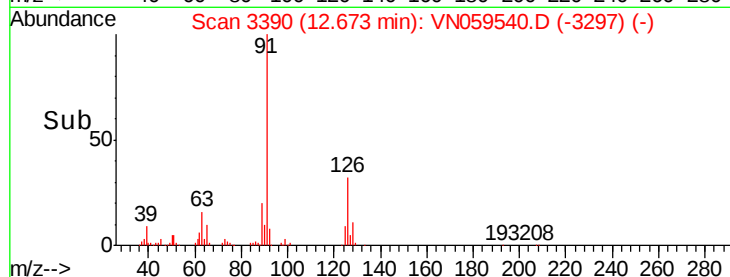
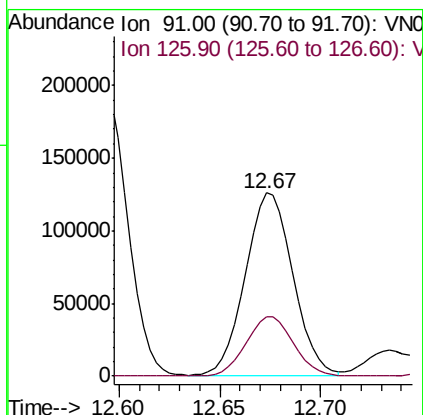
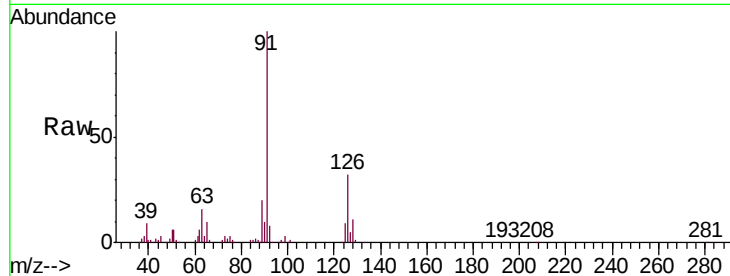




#79
2-Chlorotoluene
Concen: 20.388 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

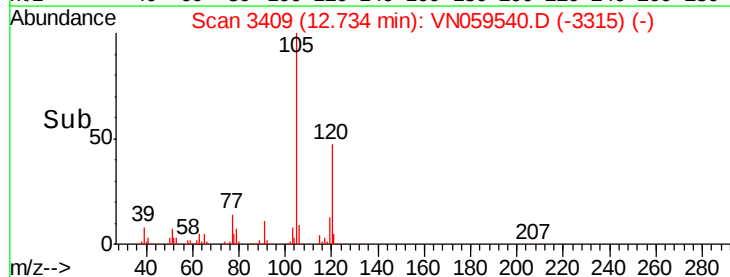
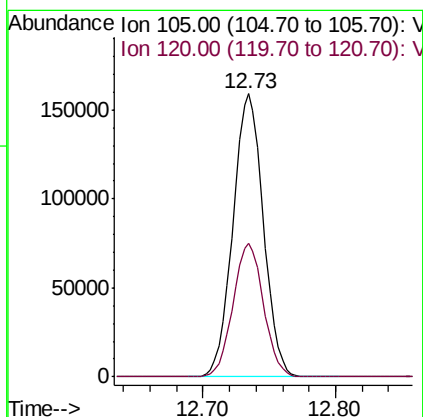
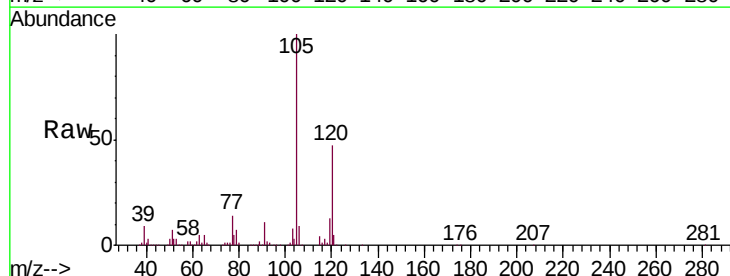
Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

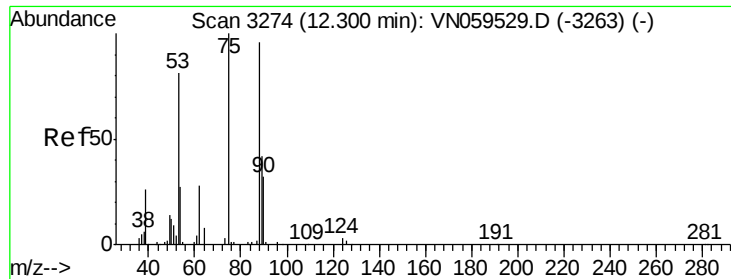
Tgt Ion: 91 Resp: 209587
Ion Ratio Lower Upper
91 100
126 32.3 16.9 50.7



#80
1,3,5-Trimethylbenzene
Concen: 21.012 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion: 105 Resp: 252783
Ion Ratio Lower Upper
105 100
120 47.2 24.5 73.5





#81

trans-1,4-Dichloro-2-butene

Concen: 19.608 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1210MBS01

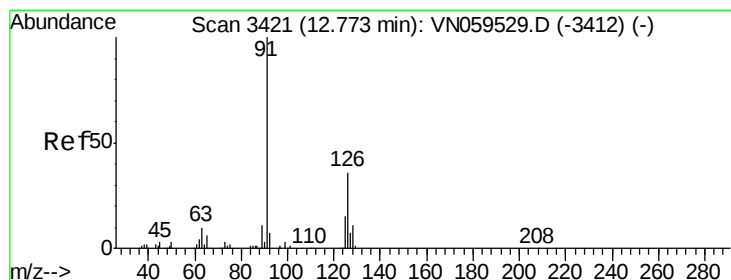
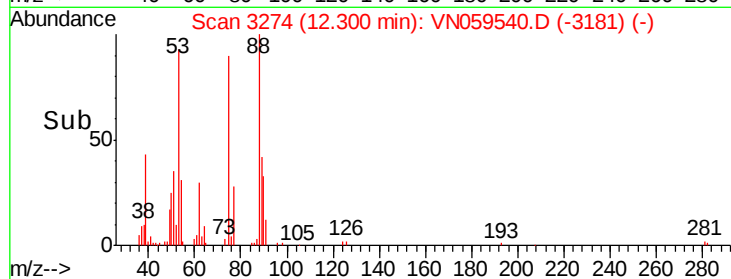
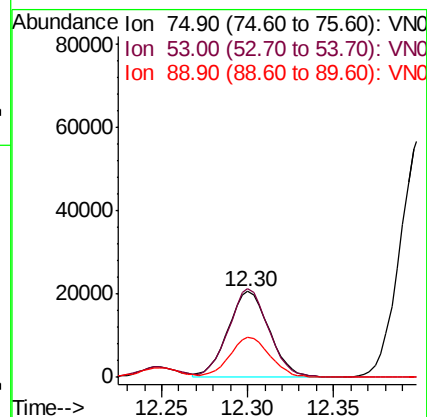
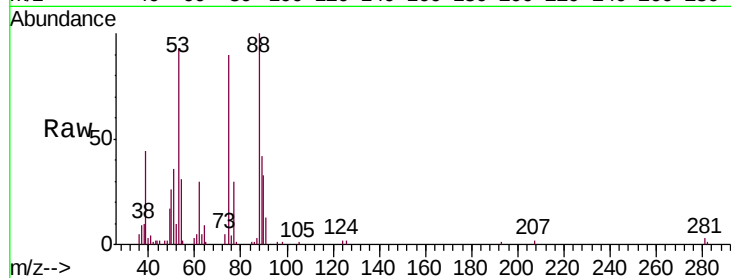
Tgt Ion: 75 Resp: 34857

Ion Ratio Lower Upper

75 100

53 98.7 67.0 100.6

89 45.2 35.5 53.3



#82

4-Chlorotoluene

Concen: 20.868 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN059540.D

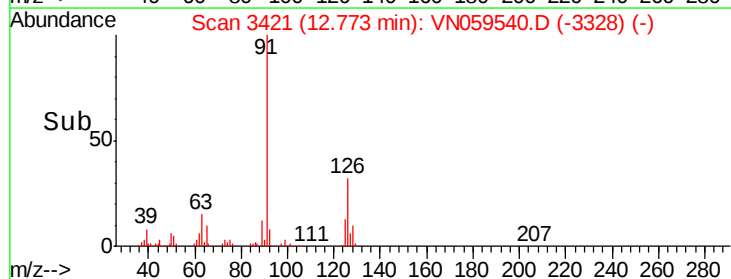
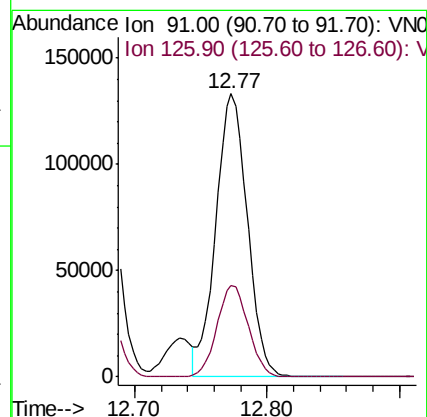
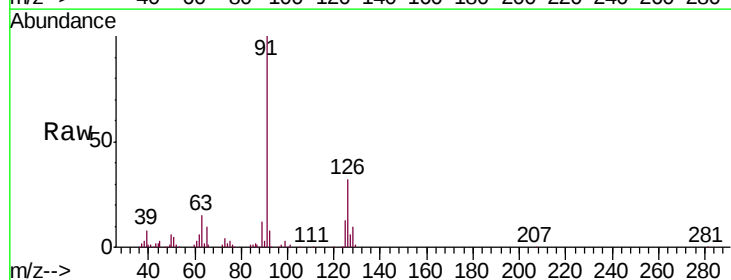
Acq: 10 Dec 2019 12:36

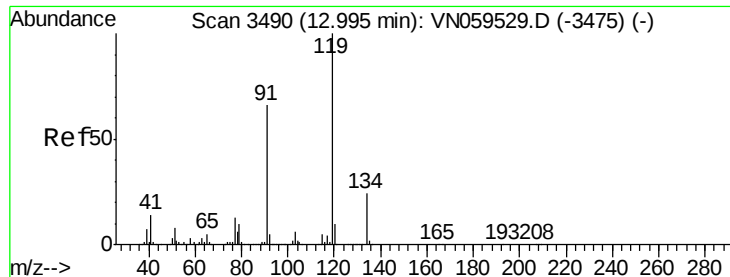
Tgt Ion: 91 Resp: 219351

Ion Ratio Lower Upper

91 100

126 32.2 16.4 49.4

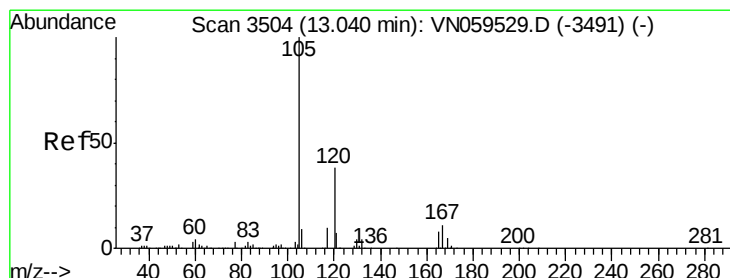
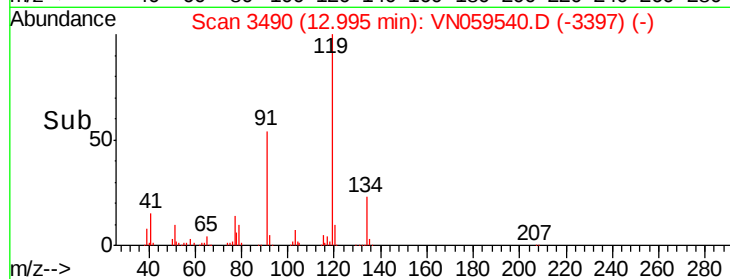
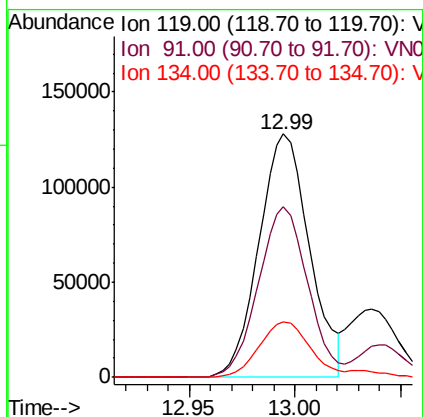
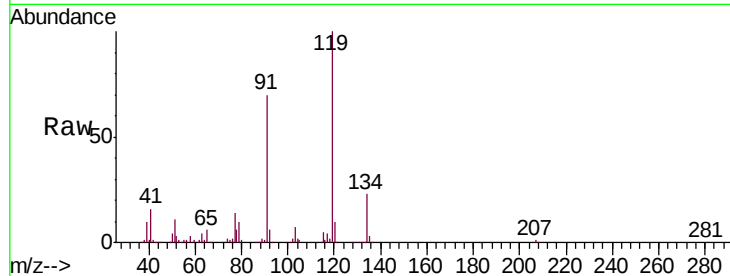




#83
 tert-Butylbenzene
 Concen: 21.271 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

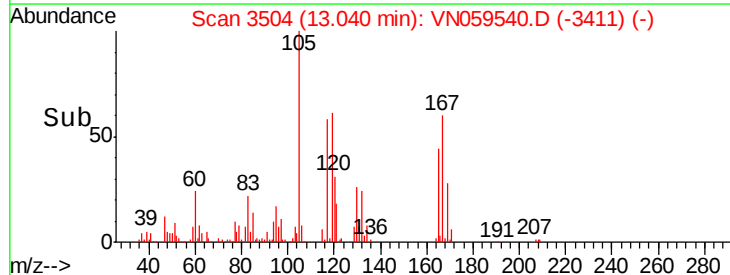
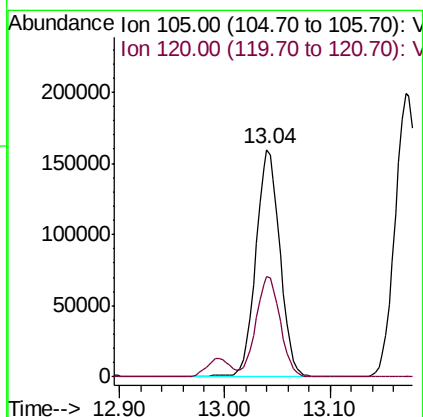
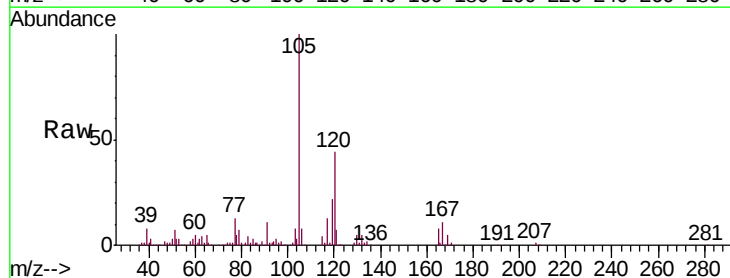
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210MBS01

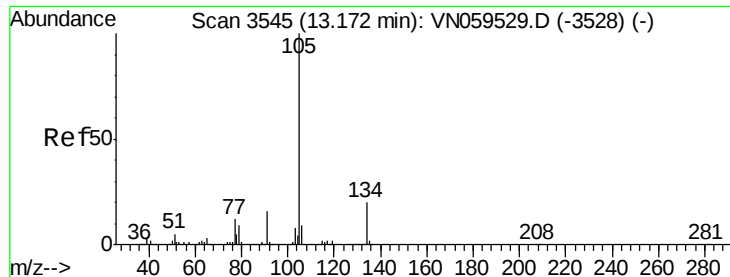
Tgt Ion:119 Resp: 213394
 Ion Ratio Lower Upper
 119 100
 91 68.8 32.8 98.4
 134 23.2 12.8 38.3



#84
 1,2,4-Trimethylbenzene
 Concen: 21.467 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Tgt Ion:105 Resp: 255001
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.8 68.3

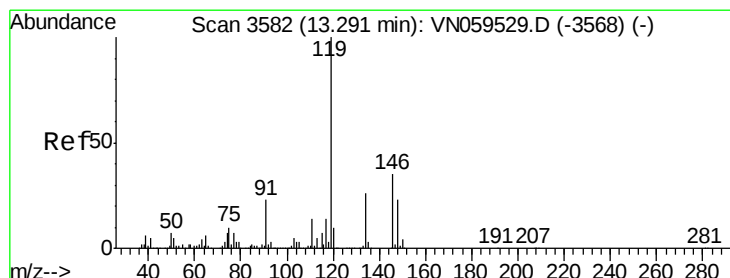
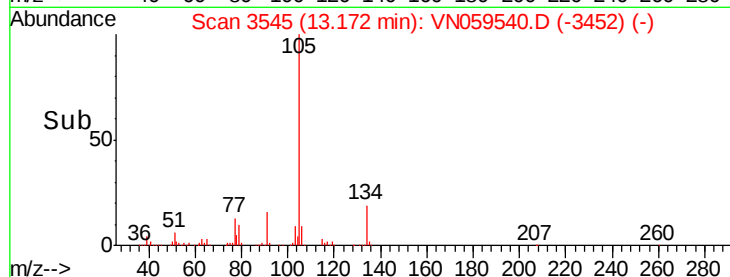
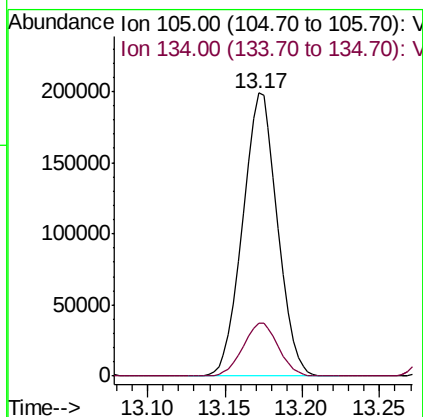
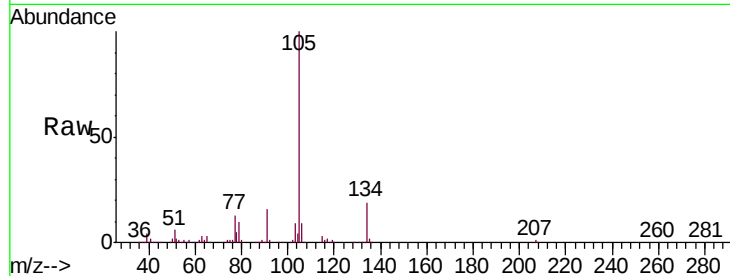




#85
 sec-Butylbenzene
 Concen: 22.538 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

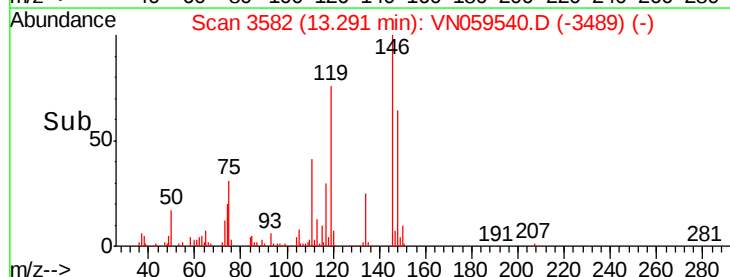
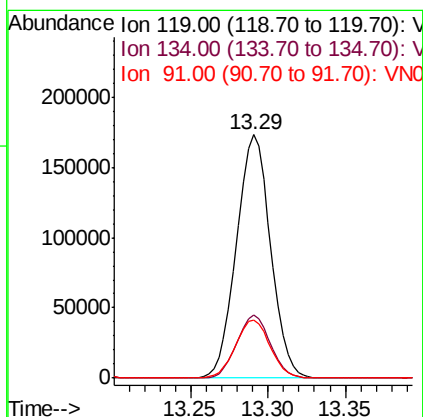
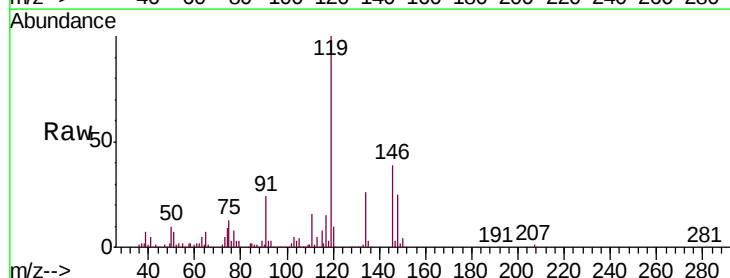
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210MBS01

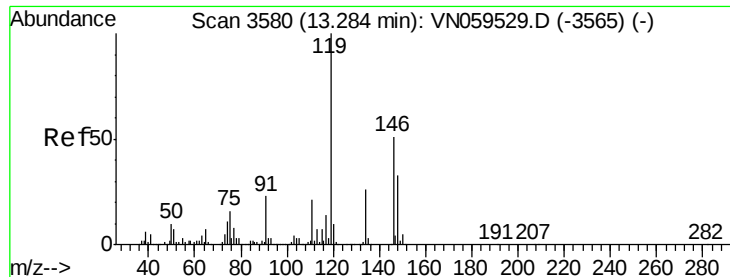
Tgt Ion:105 Resp: 310562
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 21.461 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Tgt Ion:119 Resp: 264307
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 24.1 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 20.292 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1210MBS01

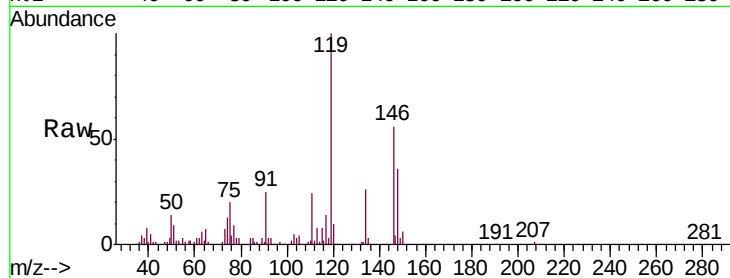
Tgt Ion:146 Resp: 130542

Ion Ratio Lower Upper

146 100

111 41.9 20.6 61.8

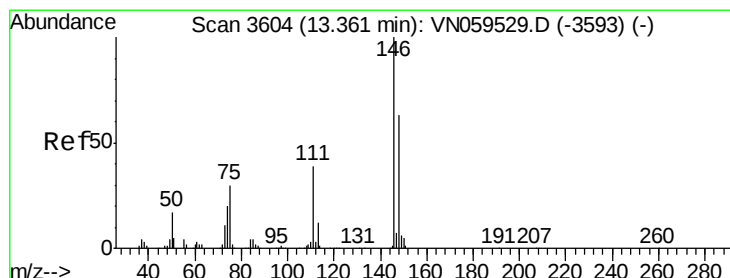
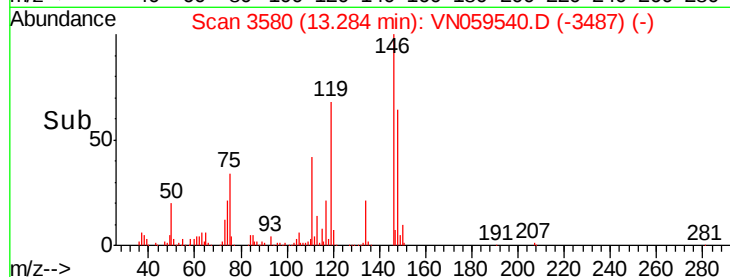
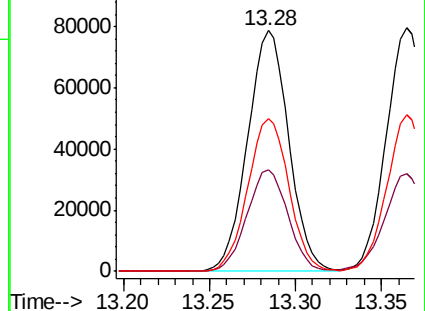
148 63.4 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 21.084 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

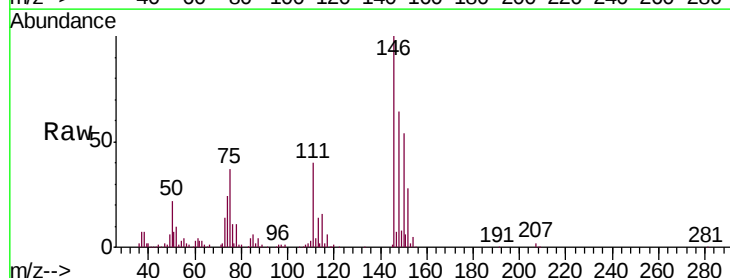
Tgt Ion:146 Resp: 132806

Ion Ratio Lower Upper

146 100

111 41.0 20.0 59.9

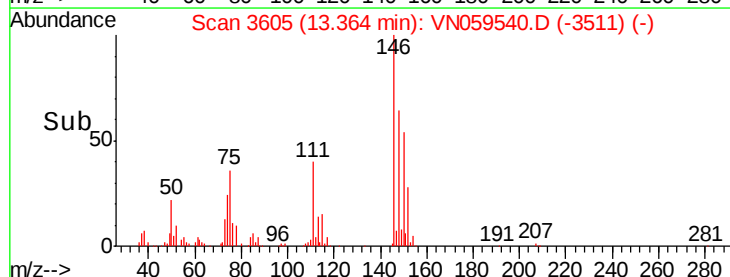
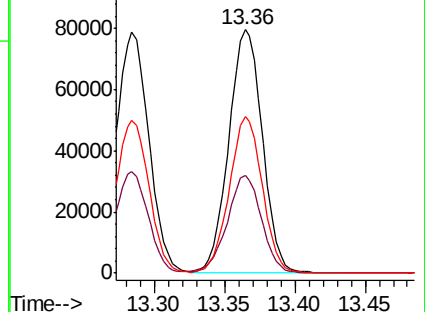
148 63.1 31.9 95.7

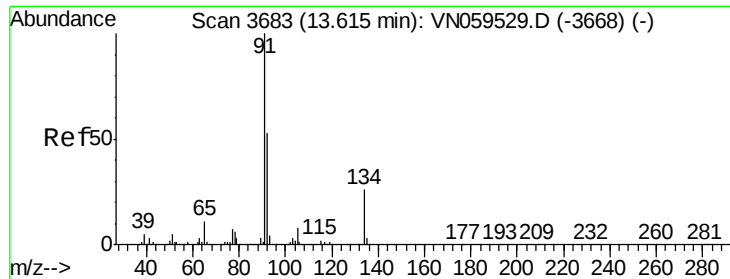


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

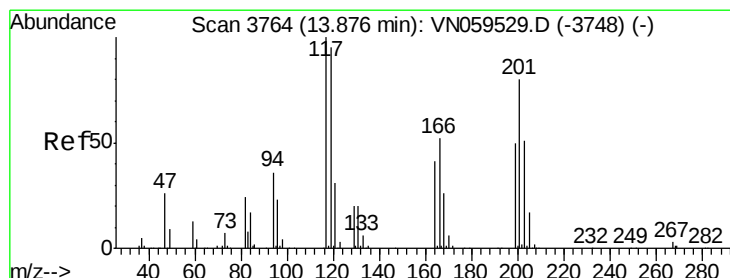
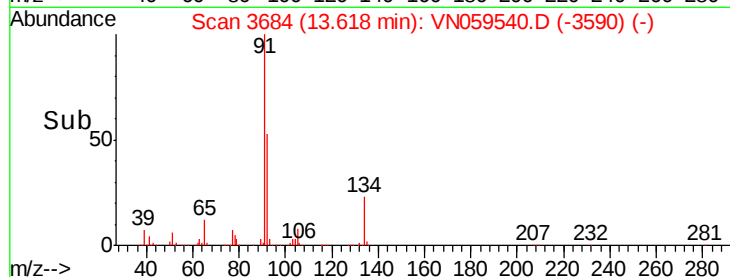
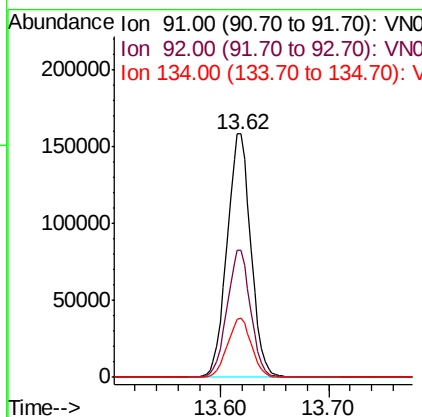
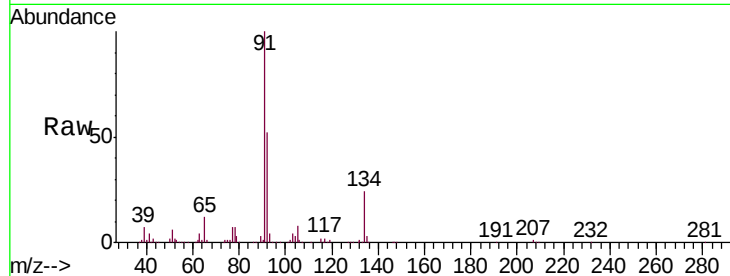




#89
n-Butylbenzene
Concen: 21.129 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

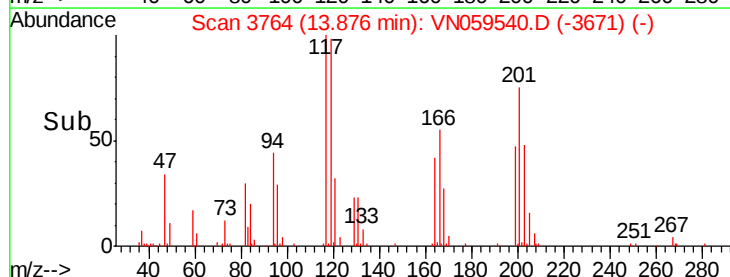
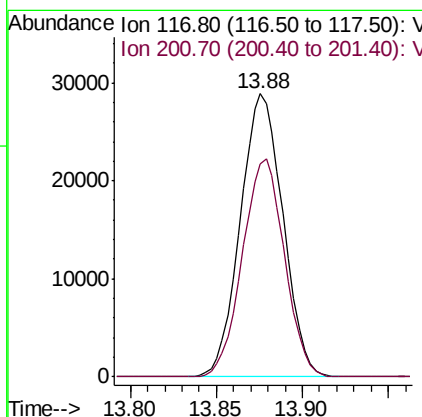
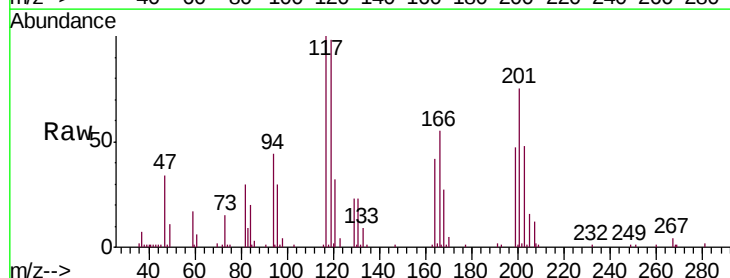
Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

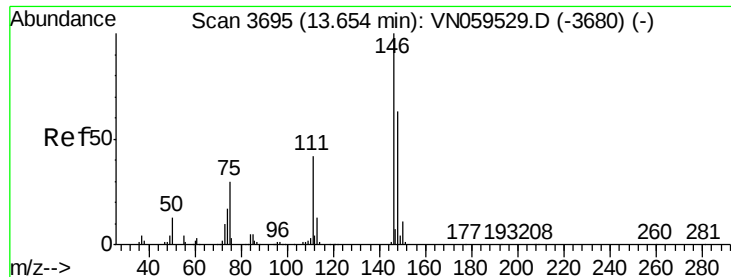
Tgt Ion: 91 Resp: 244339
Ion Ratio Lower Upper
91 100
92 51.5 26.3 78.9
134 24.3 12.8 38.4



#90
Hexachloroethane
Concen: 21.950 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion: 117 Resp: 49646
Ion Ratio Lower Upper
117 100
201 76.0 40.5 121.5

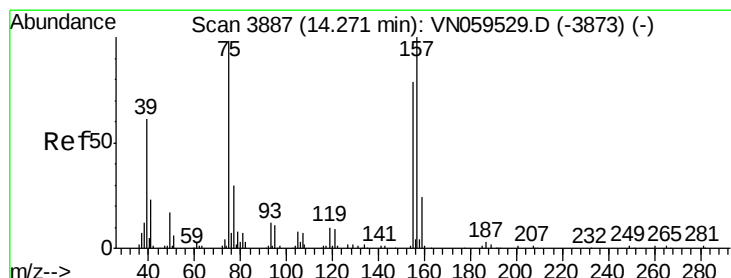
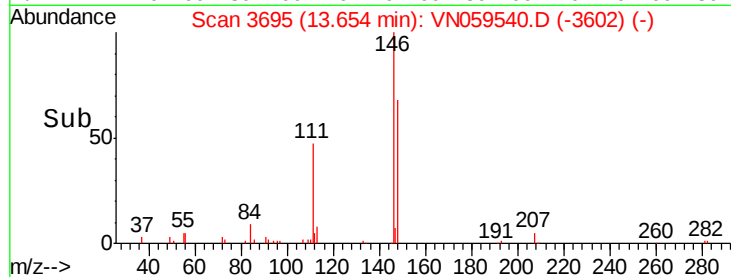
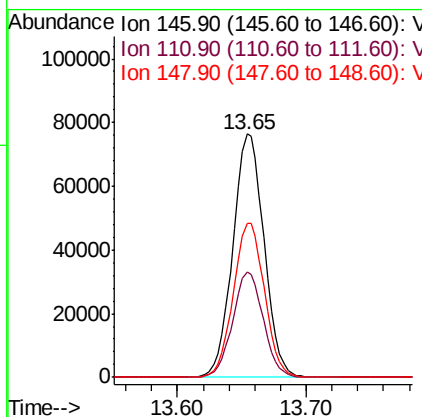
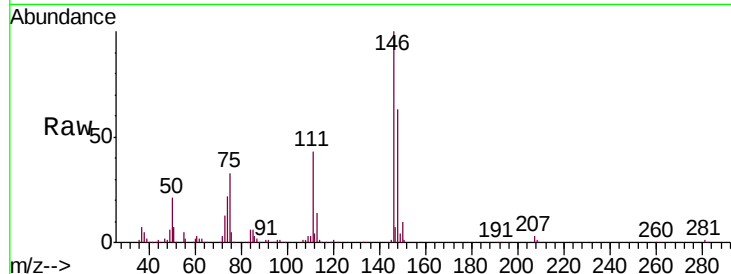




#91
 1,2-Dichlorobenzene
 Concen: 21.265 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

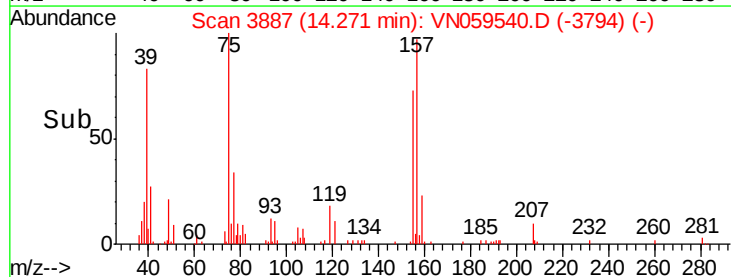
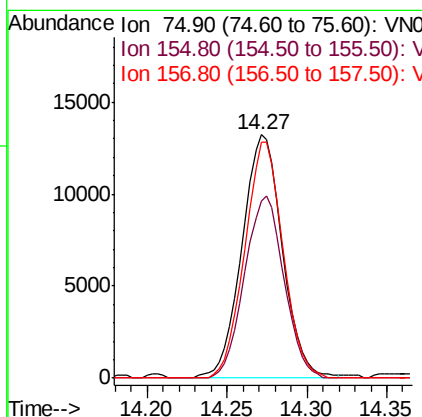
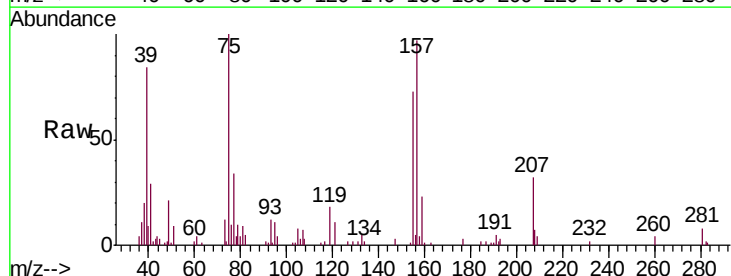
Instrument :
 MSVOA_N
 ClientSampled :
 VN1210MBS01

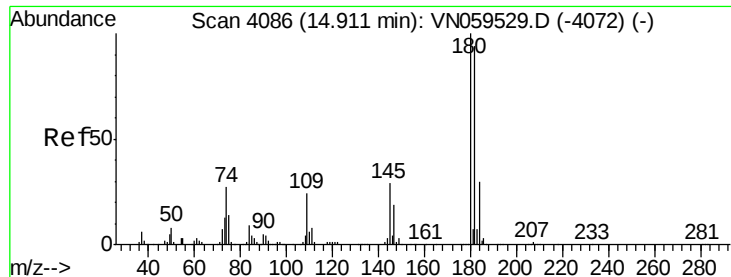
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	20.9	62.7
148	63.2	31.6	94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.091 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.9	40.4	121.1
157	92.0	51.1	153.3

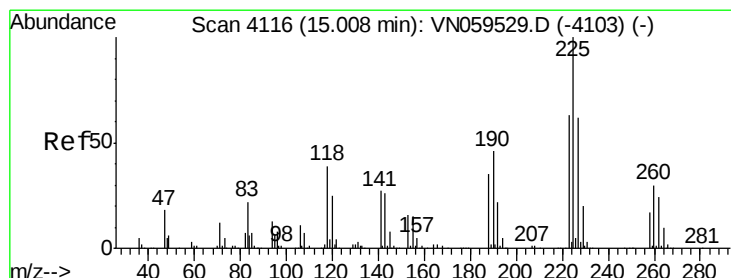
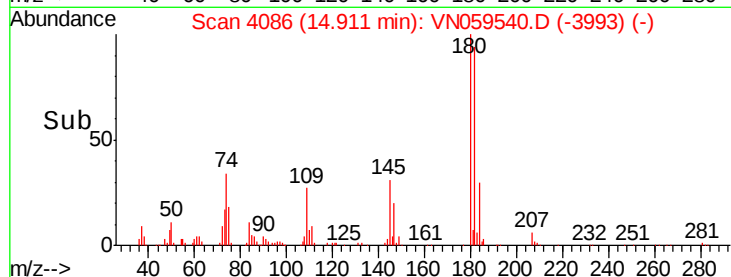
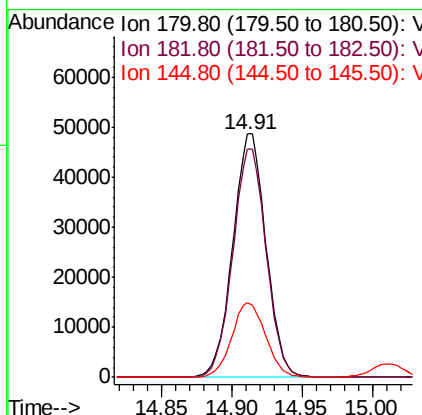
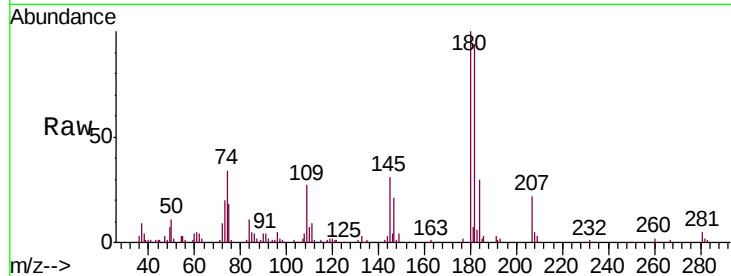




#93
 1,2,4-Trichlorobenzene
 Concen: 19.215 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

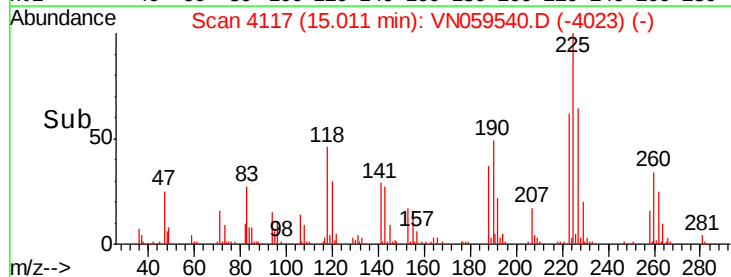
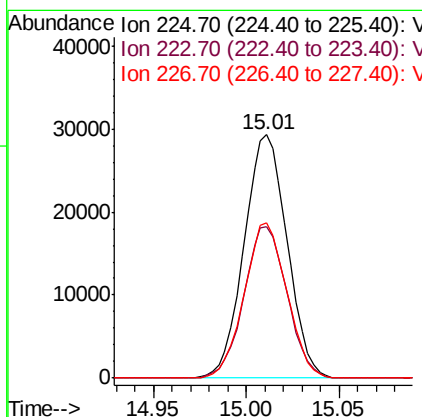
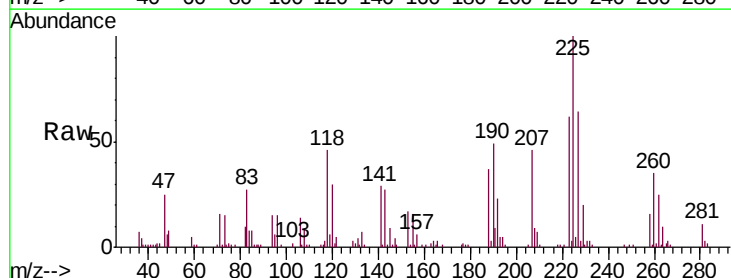
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210MBS01

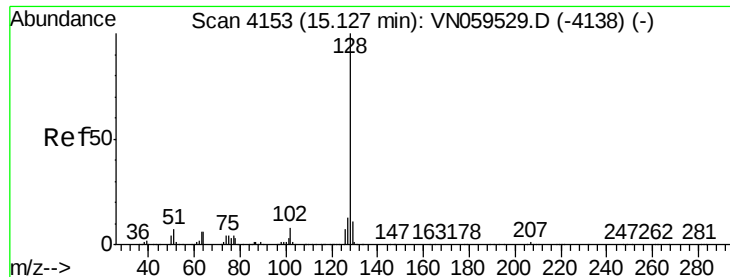
Tgt Ion:180 Resp: 80233
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.3 142.0
 145 31.2 14.9 44.7



#94
 Hexachlorobutadiene
 Concen: 22.079 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Tgt Ion:225 Resp: 47098
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.3 93.9
 227 63.1 31.6 95.0

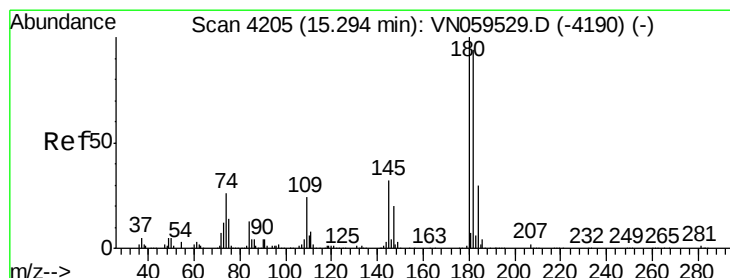
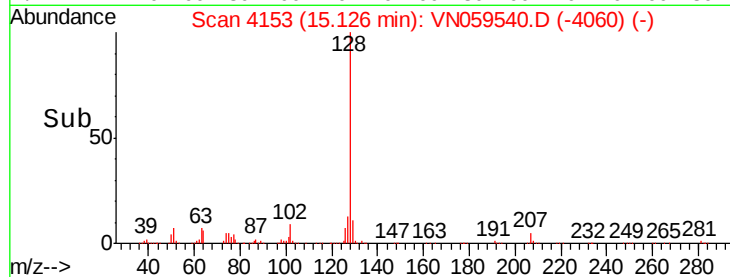
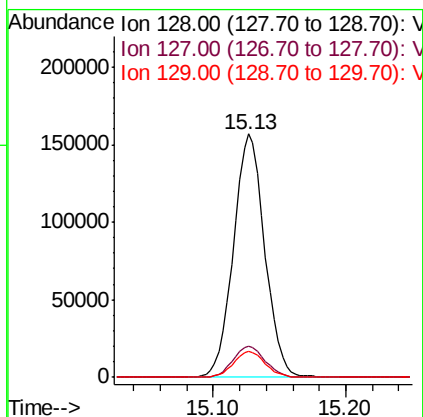
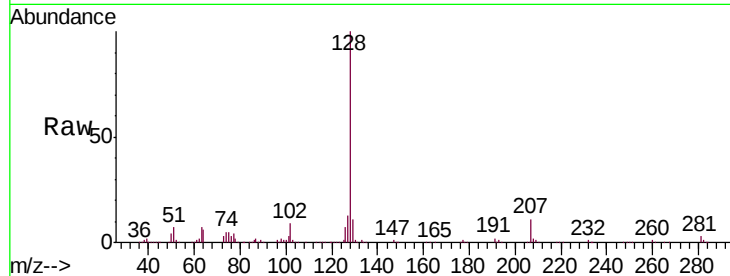




#95
Naphthalene
Concen: 20.986 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

Tgt Ion:128 Resp: 256147
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.787 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion:180 Resp: 78526
Ion Ratio Lower Upper
180 100
182 95.2 47.1 141.4
145 32.6 15.8 47.4

