

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112219\NOT REVIEWED DATA\
 Data File : VN059354.D
 Acq On : 22 Nov 2019 11:23
 Operator : JC/SP
 Sample : VN1122MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122MBS01

Quant Time: Nov 22 13:35:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	321200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	501004	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	450470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	205031	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	176036	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	
35) Dibromofluoromethane	7.57	113	141940	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	
50) Toluene-d8	10.08	98	569062	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
62) 4-Bromofluorobenzene	12.40	95	198040	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	93171	22.658	ug/l	99
3) Chloromethane	2.04	50	111782	22.190	ug/l	98
4) Vinyl Chloride	2.17	62	116815	22.523	ug/l	99
5) Bromomethane	2.55	94	64057	22.246	ug/l	98
6) Chloroethane	2.69	64	60154	21.251	ug/l	96
7) Trichlorofluoromethane	3.00	101	120708	21.612	ug/l	100
8) Diethyl Ether	3.39	74	51766	22.671	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	76941	22.529	ug/l	98
10) Methyl Iodide	3.93	142	97187	22.897	ug/l	98
11) Tert butyl alcohol	4.74	59	80358	104.145	ug/l	100
12) 1,1-Dichloroethene	3.71	96	74852	21.592	ug/l	97
13) Acrolein	3.58	56	35088	49.816	ug/l	99
14) Allyl chloride	4.29	41	143918	22.223	ug/l	98
15) Acrylonitrile	4.95	53	220719	108.189	ug/l	100
16) Acetone	3.79	43	245931	142.321	ug/l	100
17) Carbon Disulfide	4.03	76	238516	22.032	ug/l	100
18) Methyl Acetate	4.29	43	128096	22.337	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	256819	22.937	ug/l	100
20) Methylene Chloride	4.52	84	86967	22.315	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	82313	22.404	ug/l	98
22) Diisopropyl ether	5.92	45	277841	22.786	ug/l	97
23) Vinyl Acetate	5.86	43	1061770	110.734	ug/l	100
24) 1,1-Dichloroethane	5.82	63	156096	22.744	ug/l	100
25) 2-Butanone	6.81	43	310344	115.497	ug/l	99
26) 2,2-Dichloropropane	6.80	77	133213	22.416	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	92283	22.262	ug/l	99
28) Bromochloromethane	7.17	49	42528	16.848	ug/l	98
29) Tetrahydrofuran	7.18	42	197168	106.119	ug/l	99
30) Chloroform	7.35	83	145529	21.773	ug/l	100
31) Cyclohexane	7.63	56	147179	21.689	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	125644	21.957	ug/l	99
36) 1,1-Dichloropropene	7.77	75	118120	22.838	ug/l	99
37) Ethyl Acetate	6.90	43	118227	21.269	ug/l	97
38) Carbon Tetrachloride	7.75	117	110632	22.344	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	140987	22.606	ug/l	99
40) Benzene	8.02	78	349957	23.054	ug/l	100
41) Methacrylonitrile	7.18	41	171333	69.433	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	113427	22.593	ug/l	99
43) Isopropyl Acetate	8.14	43	187510	22.073	ug/l	99
44) Trichloroethene	8.82	130	87460	22.733	ug/l	98
45) 1,2-Dichloropropane	9.10	63	93348	23.061	ug/l	100
46) Dibromomethane	9.20	93	56876	22.907	ug/l	99
47) Bromodichloromethane	9.39	83	113042	22.733	ug/l	100
48) Methyl methacrylate	9.18	41	82872	21.452	ug/l	98
49) 1,4-Dioxane	9.18	88	27506	473.754	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	578230	116.288	ug/l	100
52) Toluene	10.15	92	212690	23.302	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	132213	22.873	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	145545	23.204	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	82417	23.223	ug/l	99
56) Ethyl methacrylate	10.42	69	123511	21.896	ug/l	98
57) 1,3-Dichloropropane	10.70	76	143895	23.264	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	176210	95.579	ug/l	99
59) 2-Hexanone	10.75	43	430239	118.165	ug/l	99
60) Dibromochloromethane	10.90	129	87213	23.321	ug/l	98
61) 1,2-Dibromoethane	11.00	107	84454	22.871	ug/l	100
64) Tetrachloroethene	10.63	164	81465	23.383	ug/l	99
65) Chlorobenzene	11.43	112	220424	22.757	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	80420	22.854	ug/l	99
67) Ethyl Benzene	11.51	91	397144	22.964	ug/l	99
68) m/p-Xylenes	11.62	106	297143	46.239	ug/l	99
69) o-Xylene	11.95	106	142625	23.183	ug/l	97
70) Styrene	11.96	104	222583	22.929	ug/l	99
71) Bromoform	12.13	173	59931	22.489	ug/l #	99
73) Isopropylbenzene	12.25	105	383213	22.816	ug/l	100
74) N-amyl acetate	12.07	43	141703	20.993	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	120081	21.613	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	160245	33.830	ug/l #	100
77) Bromobenzene	12.53	156	91515	22.464	ug/l	97
78) n-propylbenzene	12.59	91	440296	23.143	ug/l	100
79) 2-Chlorotoluene	12.68	91	261518	22.394	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	318719	22.574	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	42567	22.477	ug/l	96
82) 4-Chlorotoluene	12.78	91	265164	21.943	ug/l	100
83) tert-Butylbenzene	12.99	119	272657	22.865	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	315479	22.810	ug/l	100
85) sec-Butylbenzene	13.17	105	364698	22.755	ug/l	100
86) p-Isopropyltoluene	13.29	119	326984	22.927	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	160809	22.166	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	157603	21.956	ug/l	98
89) n-Butylbenzene	13.62	91	283968	22.697	ug/l	100
90) Hexachloroethane	13.88	117	58740	21.748	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	157141	22.387	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23404	19.813	ug/l	98

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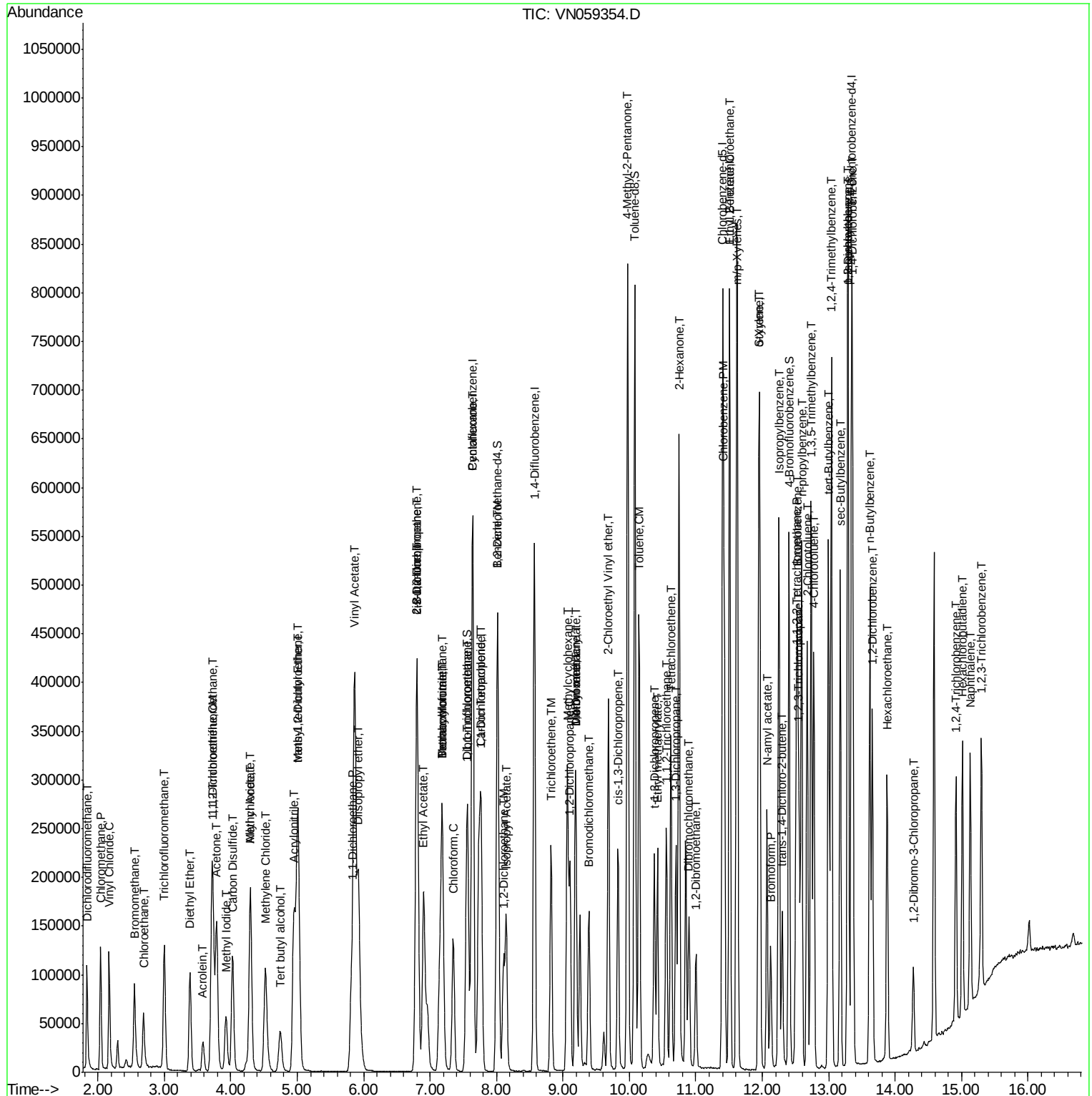
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	84662	21.191	ug/l	99
94) Hexachlorobutadiene	15.01	225	57114	22.585	ug/l	99
95) Naphthalene	15.13	128	211932	19.589	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	83353	20.614	ug/l	98

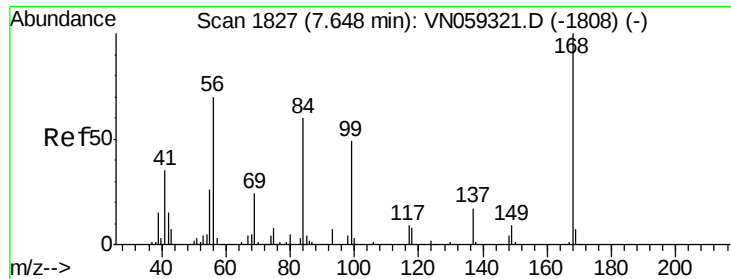
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN112219\NOT REVIEWED DATA\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

Instrument :

MSVOA_N

ClientSampleId :

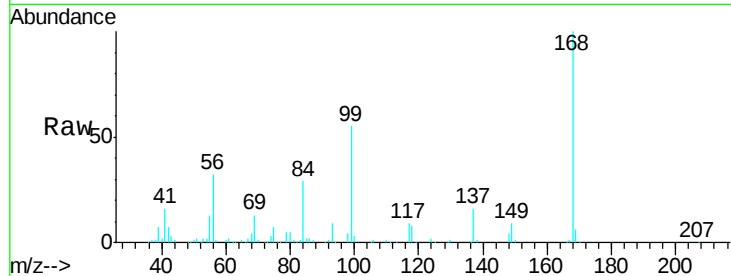
VN1122MBS01

Tgt Ion:168 Resp: 321200

Ion Ratio Lower Upper

168 100

99 54.8 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): VN059321.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN059321.D (-1808) (-)

7.64

150000

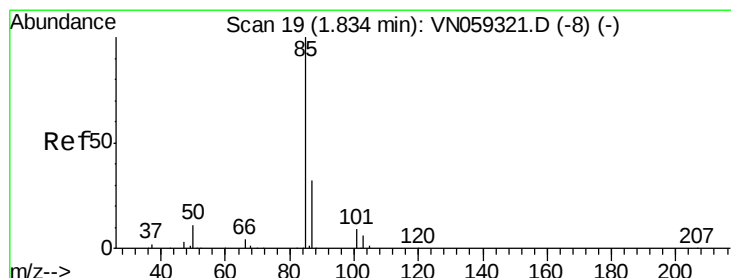
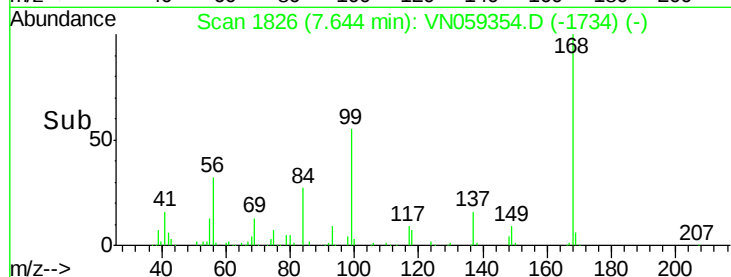
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 22.658 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059354.D

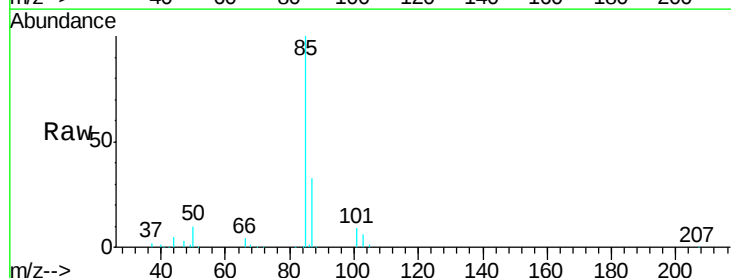
Acq: 22 Nov 2019 11:23

Tgt Ion: 85 Resp: 93171

Ion Ratio Lower Upper

85 100

87 32.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN059321.D (-8) (-)

Ion 86.90 (86.60 to 87.60): VN059321.D (-8) (-)

1.83

60000

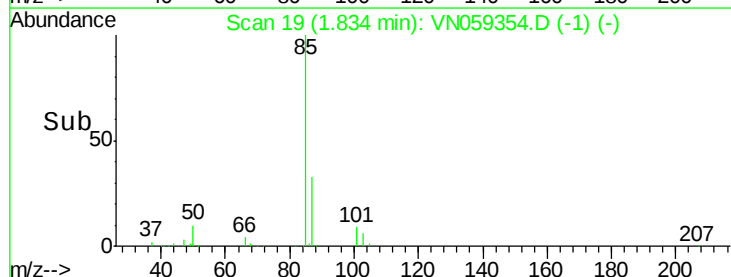
40000

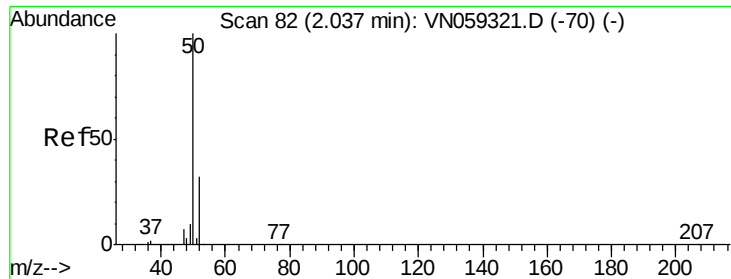
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0

1.75 1.80 1.85 1.90 1.95

Time-->

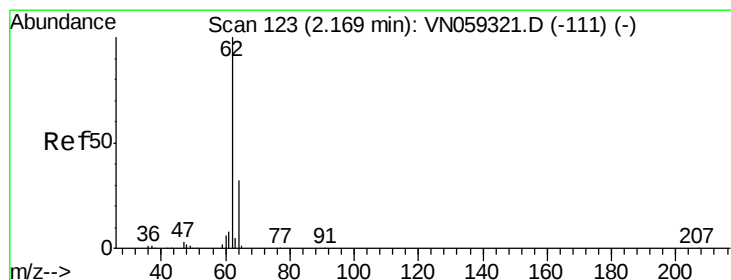
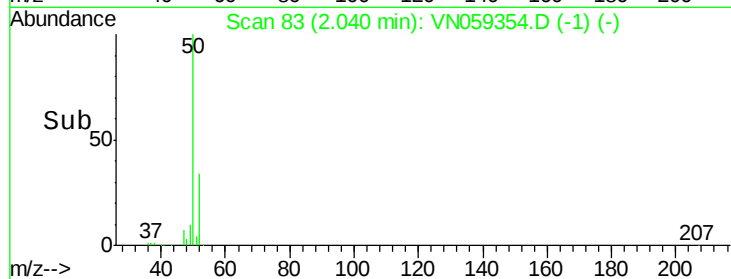
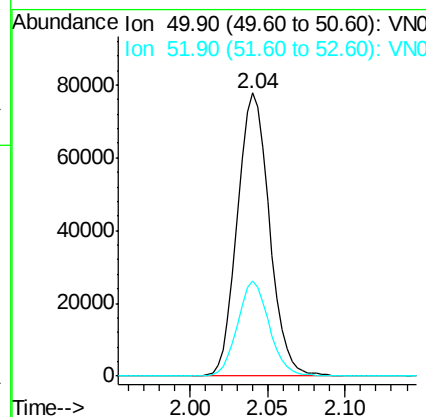
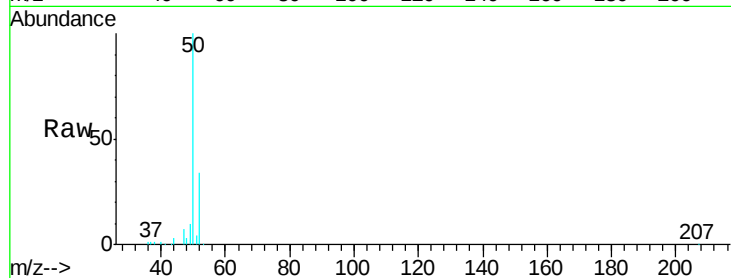




#3
Chloromethane
Concen: 22.190 ug/l
RT: 2.04 min Scan# 83
Delta R.T. 0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

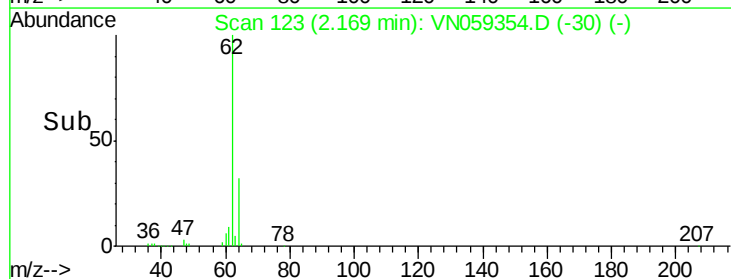
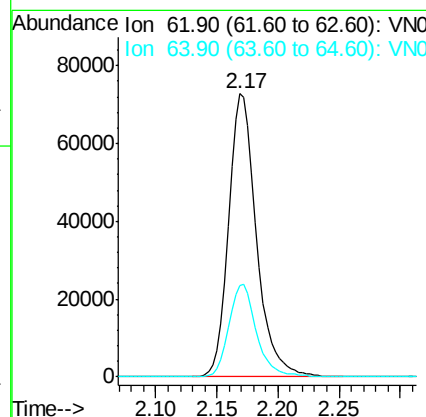
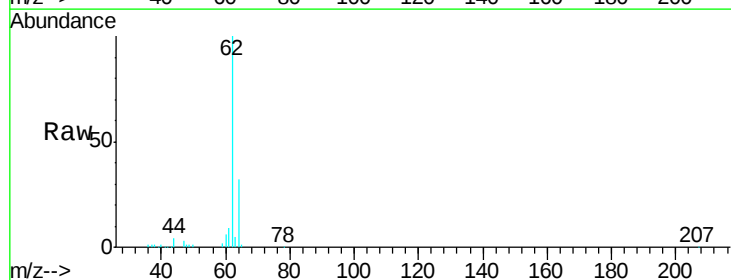
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

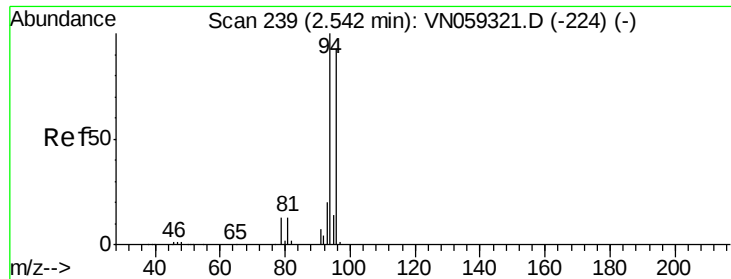
Tgt Ion: 50 Resp: 111782
Ion Ratio Lower Upper
50 100
52 33.6 26.0 39.0



#4
Vinyl Chloride
Concen: 22.523 ug/l
RT: 2.17 min Scan# 123
Delta R.T. 0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

Tgt Ion: 62 Resp: 116815
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.0





#5

Bromomethane

Concen: 22.246 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.01 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

Instrument :

MSVOA_N

ClientSampleId :

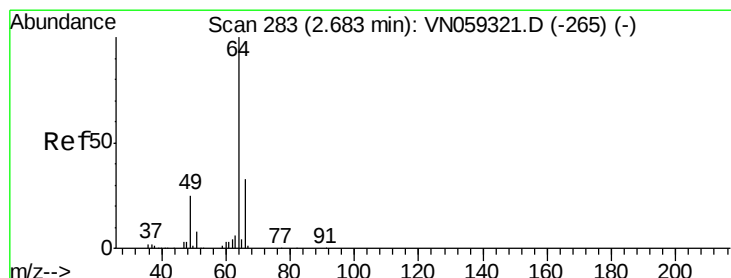
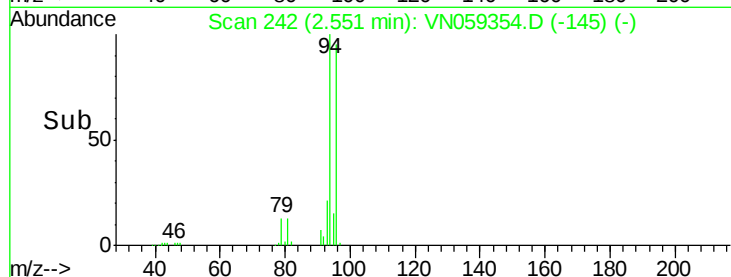
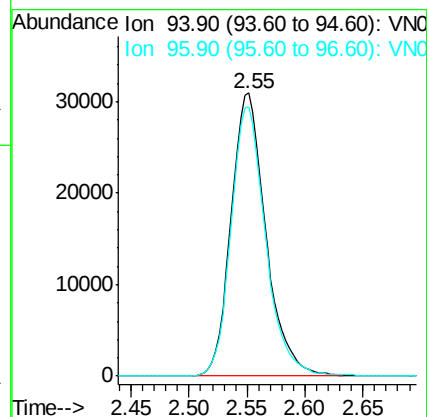
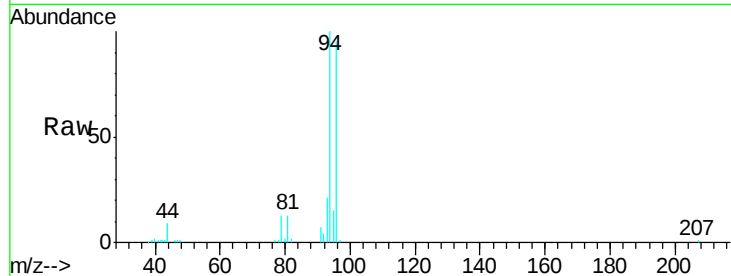
VN1122MBS01

Tgt Ion: 94 Resp: 64057

Ion Ratio Lower Upper

94 100

96 95.1 74.5 111.7



#6

Chloroethane

Concen: 21.251 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN059354.D

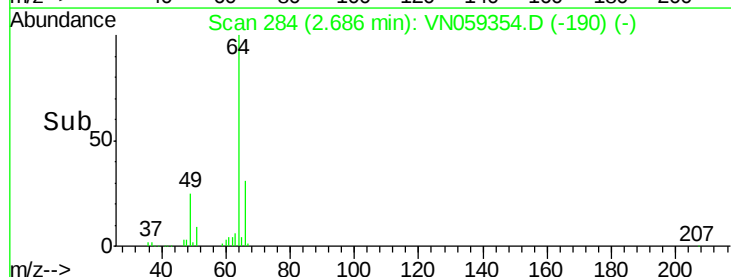
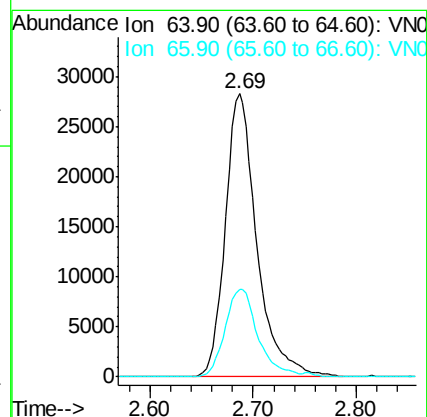
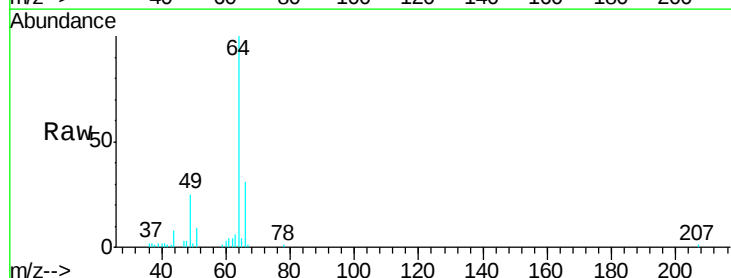
Acq: 22 Nov 2019 11:23

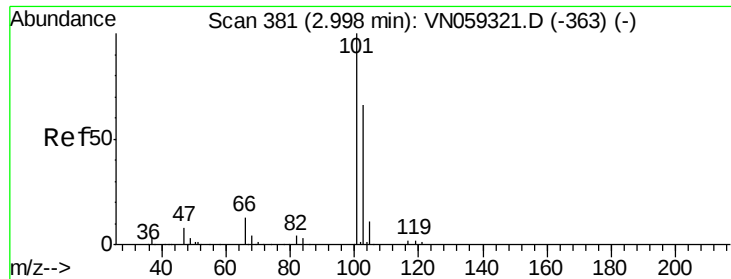
Tgt Ion: 64 Resp: 60154

Ion Ratio Lower Upper

64 100

66 30.7 26.2 39.2



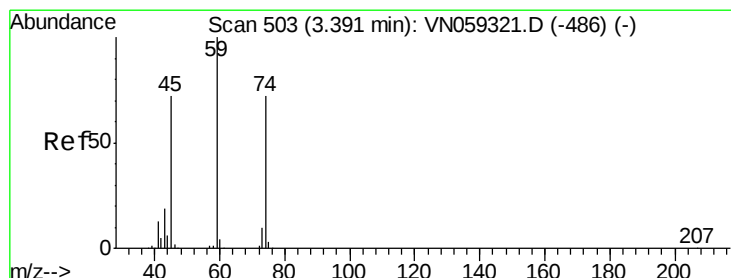
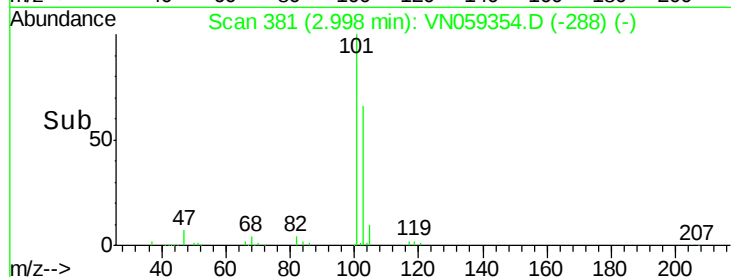
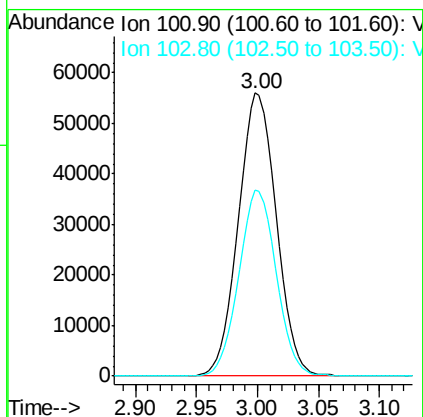
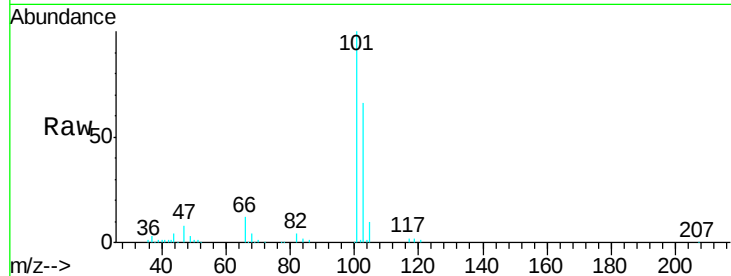


#7

Trichlorofluoromethane
 Concen: 21.612 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VN059354.D
 Acq: 22 Nov 2019 11:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122MBS01

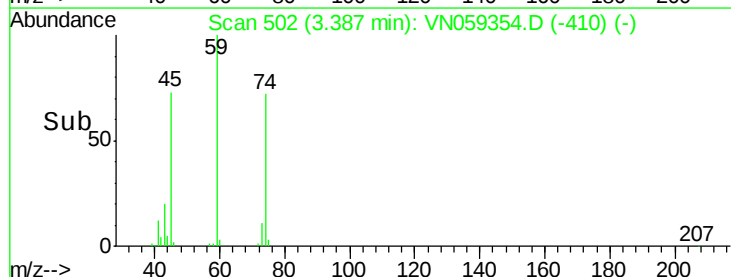
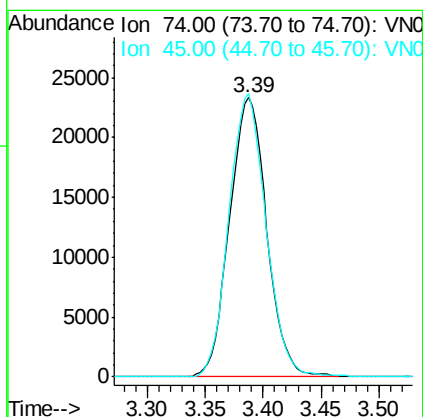
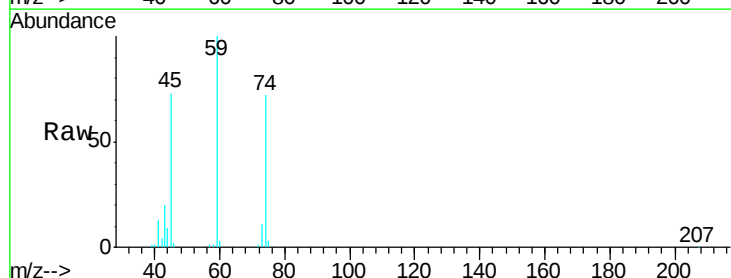
Tgt Ion:101 Resp: 120708
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.5 78.7

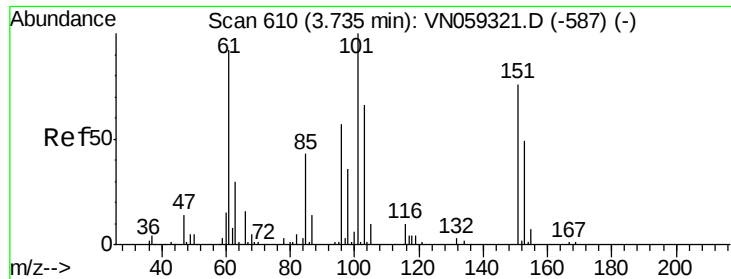


#8

Diethyl Ether
 Concen: 22.671 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN059354.D
 Acq: 22 Nov 2019 11:23

Tgt Ion: 74 Resp: 51766
 Ion Ratio Lower Upper
 74 100
 45 101.1 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.529 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBS01

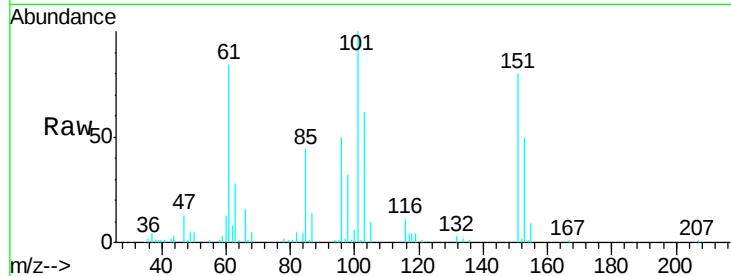
Tgt Ion:101 Resp: 76941

Ion Ratio Lower Upper

101 100

85 43.4 34.8 52.2

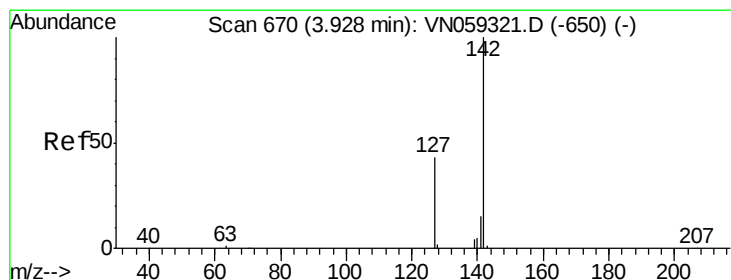
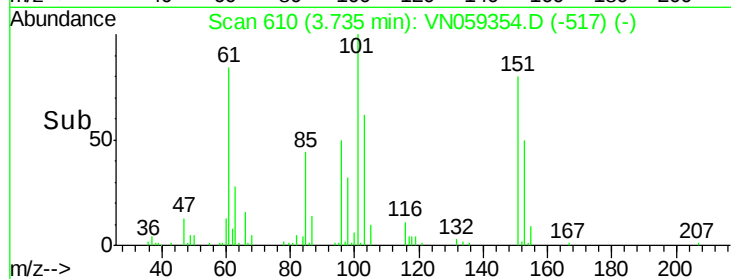
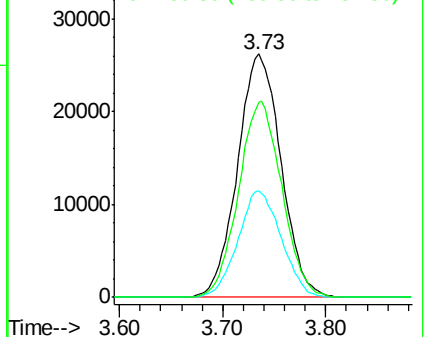
151 79.9 62.2 93.4



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: 22.897 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

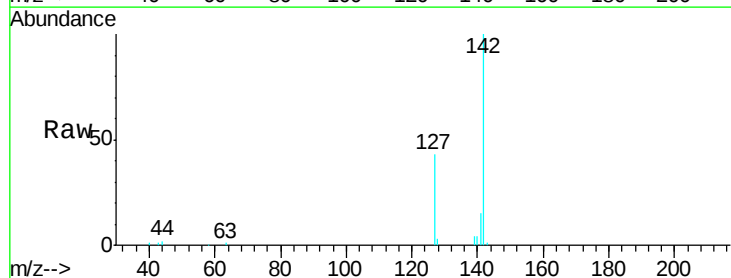
Tgt Ion:142 Resp: 97187

Ion Ratio Lower Upper

142 100

127 41.1 33.8 50.6

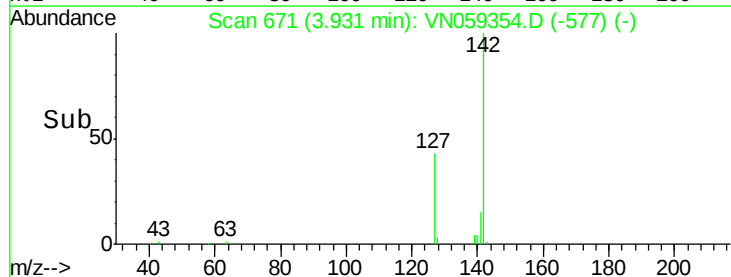
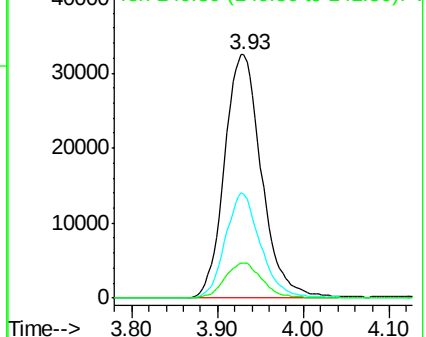
141 14.5 11.2 16.8

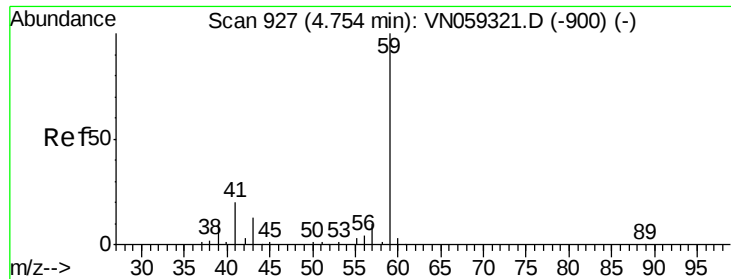


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

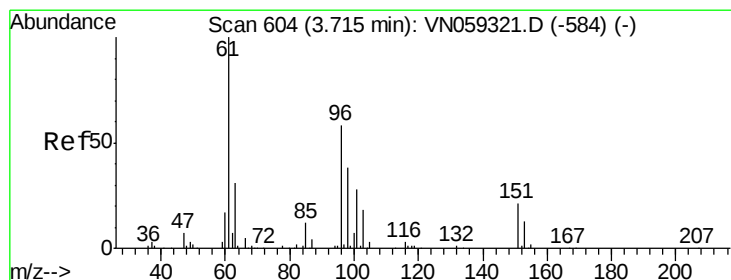
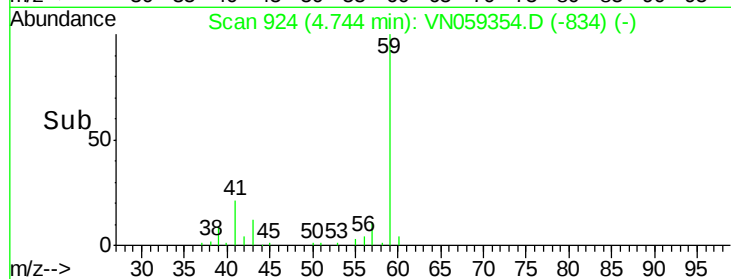
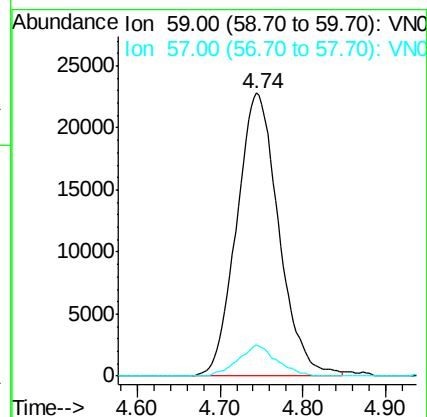
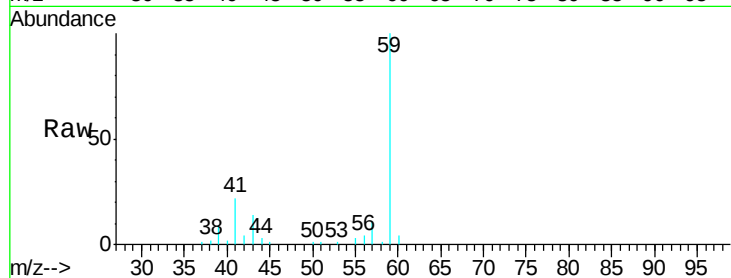




#11
Tert butyl alcohol
Concen: 104.145 ug/l
RT: 4.74 min Scan# 924
Delta R.T. -0.01 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

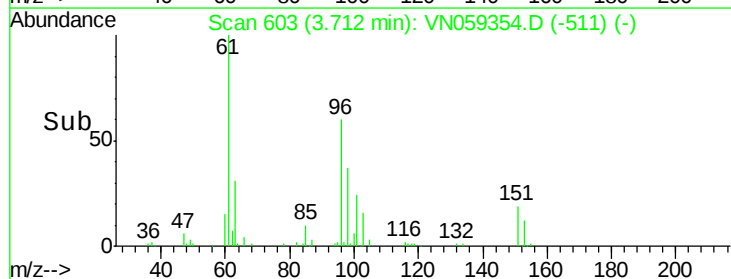
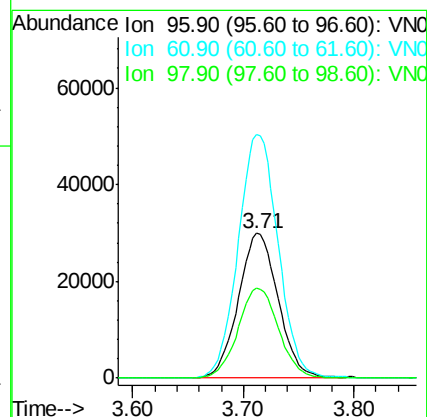
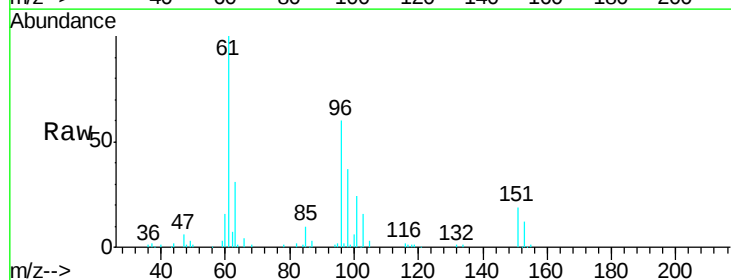
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

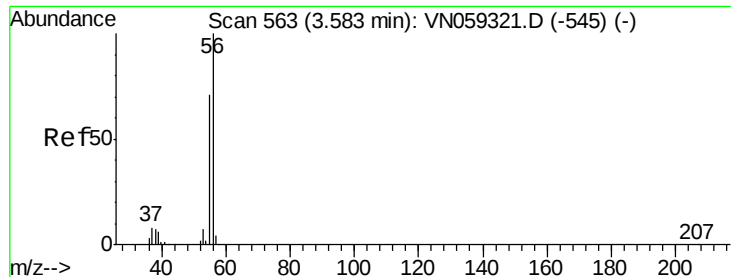
Tgt Ion: 59 Resp: 80358
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 21.592 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

Tgt Ion: 96 Resp: 74852
Ion Ratio Lower Upper
96 100
61 167.9 136.8 205.2
98 61.8 51.6 77.4





#13

Acrolein

Concen: 49.816 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

Instrument :

MSVOA_N

ClientSampleId :

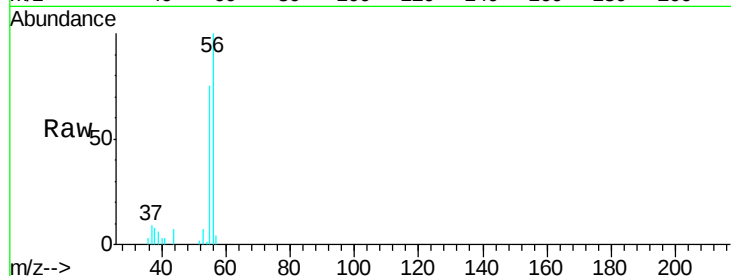
VN1122MBS01

Tgt Ion: 56 Resp: 35088

Ion Ratio Lower Upper

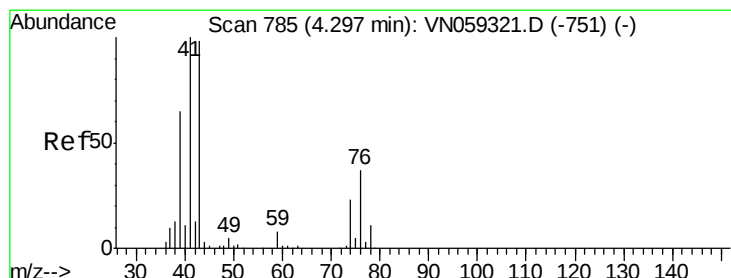
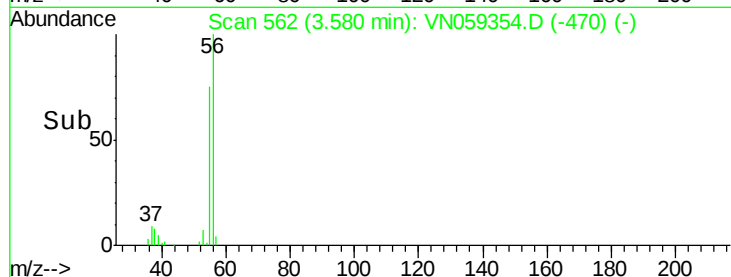
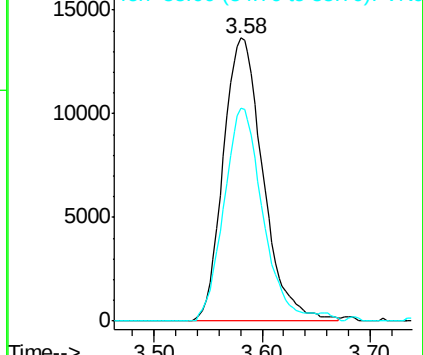
56 100

55 72.8 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN059321.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN059321.D (-545) (-)



#14

Allyl chloride

Concen: 22.223 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

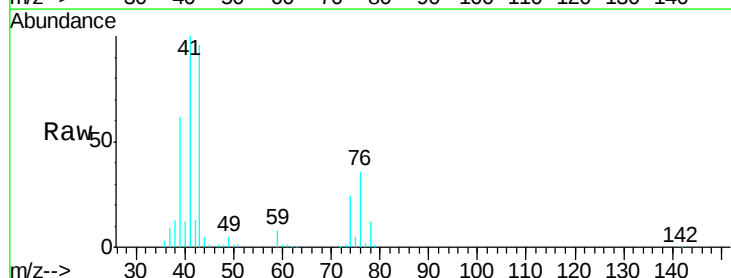
Tgt Ion: 41 Resp: 143918

Ion Ratio Lower Upper

41 100

39 58.7 48.4 72.6

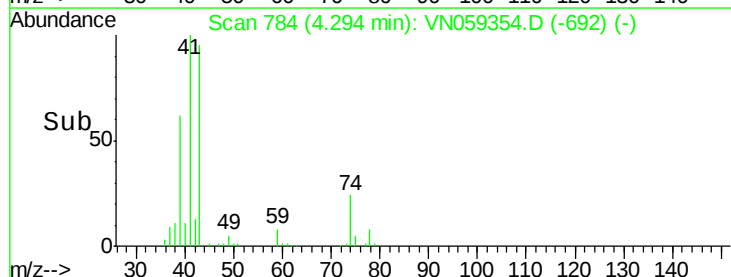
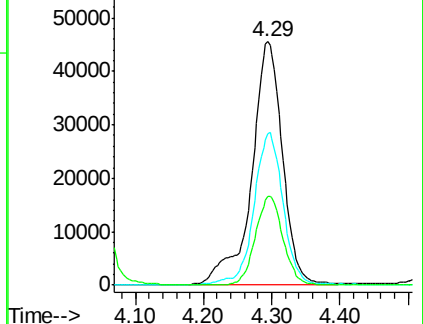
76 32.4 26.2 39.4



Abundance Ion 41.00 (40.70 to 41.70): VN059321.D (-751) (-)

Ion 39.00 (38.70 to 39.70): VN059321.D (-751) (-)

Ion 75.90 (75.60 to 76.60): VN059321.D (-751) (-)





#15

Acrylonitrile

Concen: 108.189 ug/l

RT: 4.95 min Scan# 988

Delta R.T. -0.01 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBS01

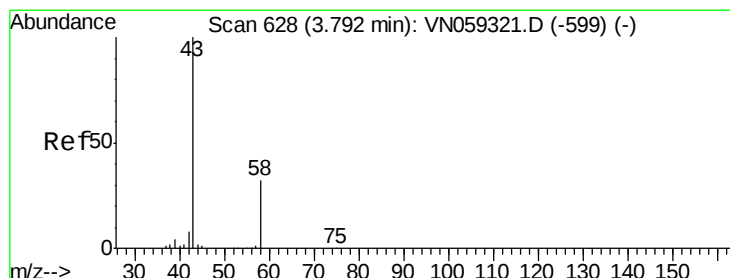
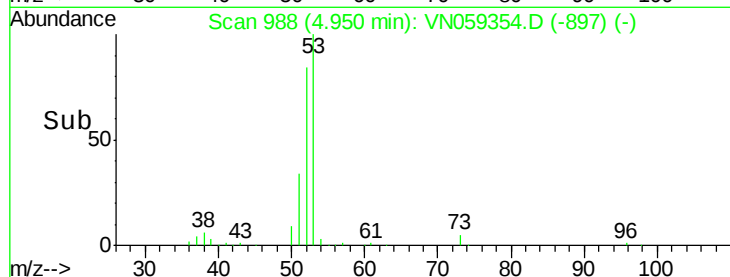
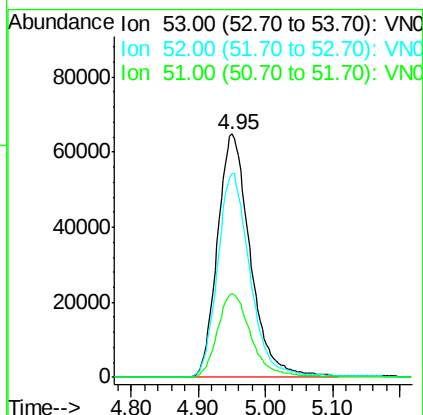
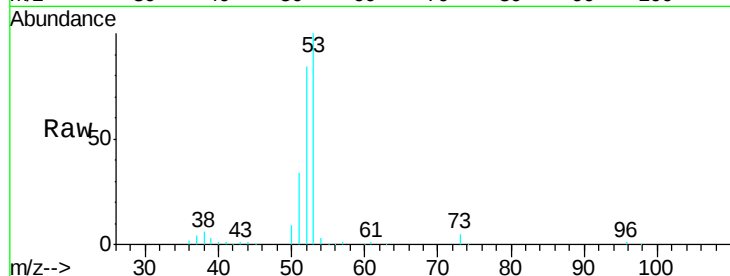
Tgt Ion: 53 Resp: 220719

Ion Ratio Lower Upper

53 100

52 82.0 65.8 98.8

51 35.1 28.2 42.2



#16

Acetone

Concen: 142.321 ug/l

RT: 3.79 min Scan# 626

Delta R.T. -0.01 min

Lab File: VN059354.D

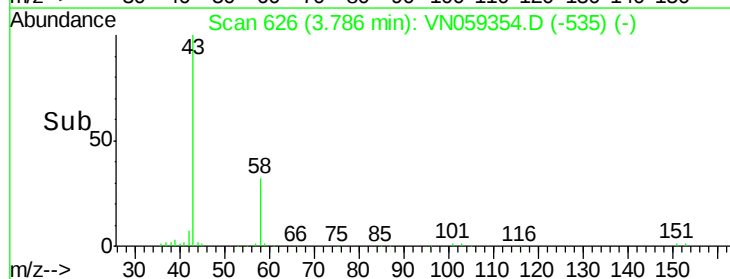
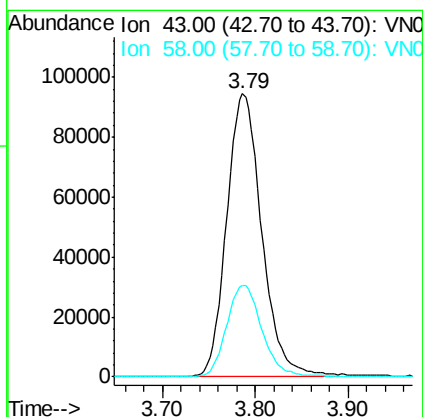
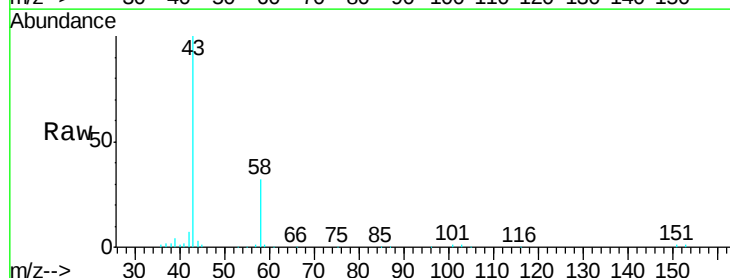
Acq: 22 Nov 2019 11:23

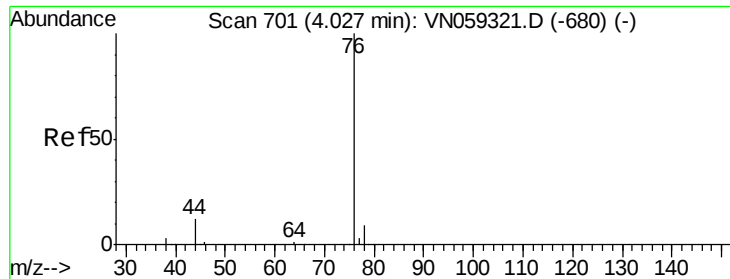
Tgt Ion: 43 Resp: 245931

Ion Ratio Lower Upper

43 100

58 32.5 25.8 38.6

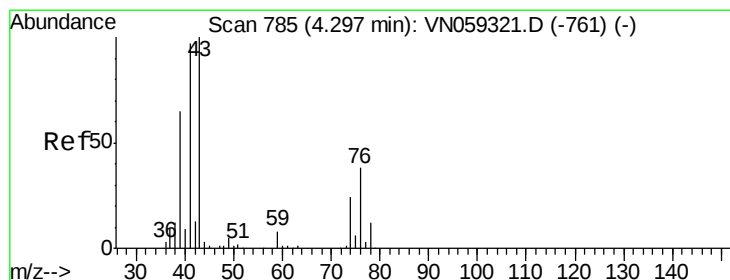
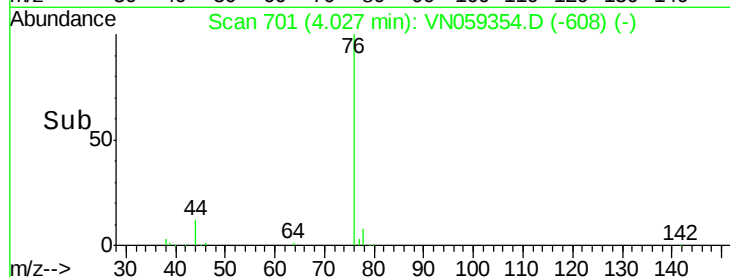
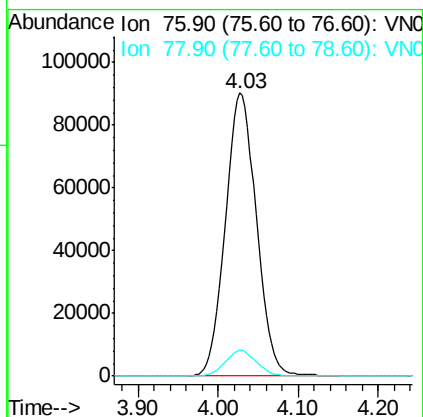
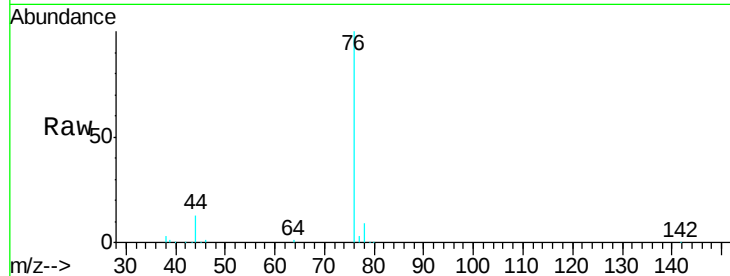




#17
Carbon Disulfide
Concen: 22.032 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

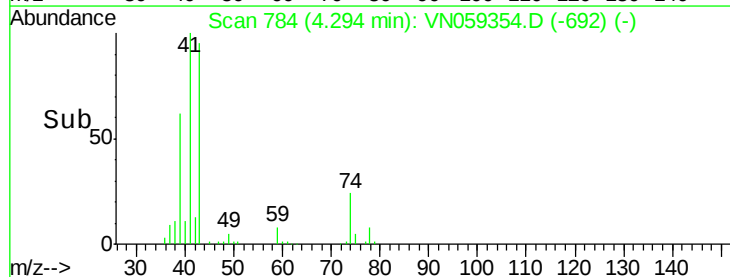
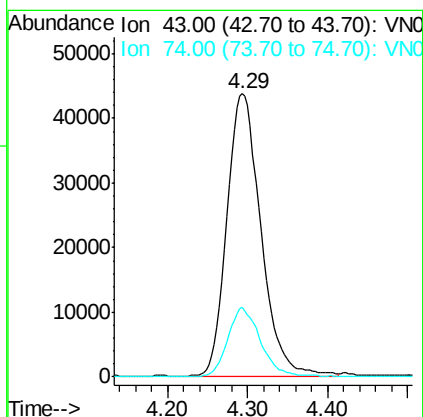
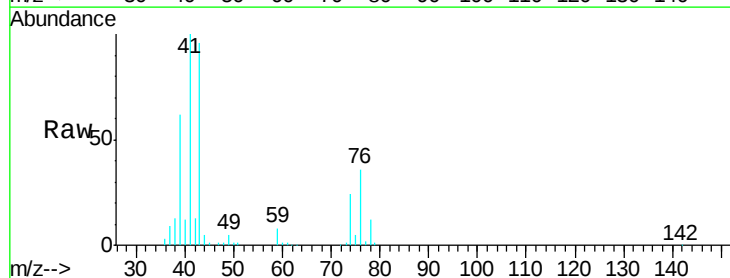
Instrument :
MSVOA_N
ClientSampled :
VN1122MBS01

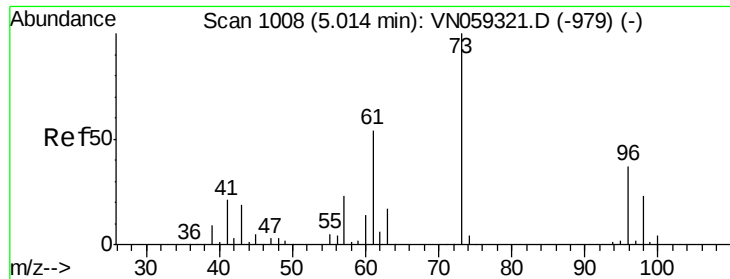
Tgt Ion: 76 Resp: 238516
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 22.337 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

Tgt Ion: 43 Resp: 128096
Ion Ratio Lower Upper
43 100
74 23.4 18.1 27.1

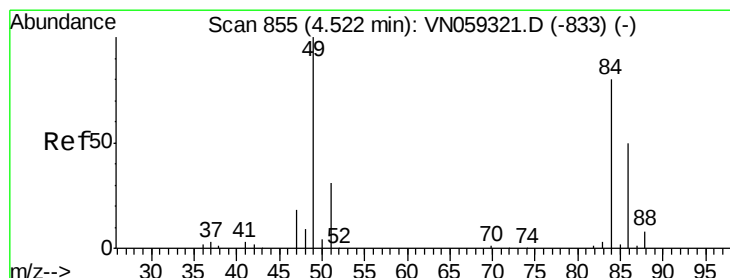
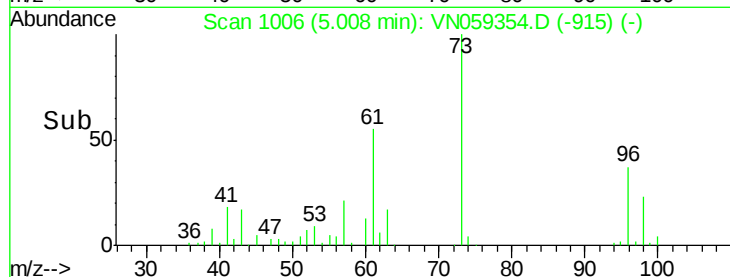
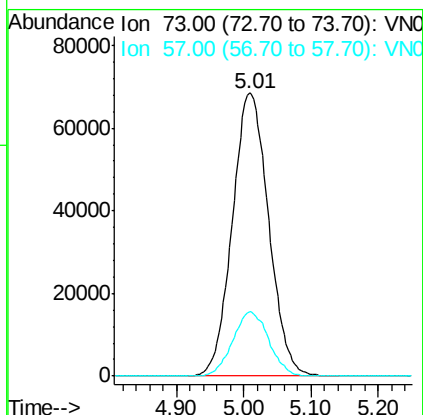
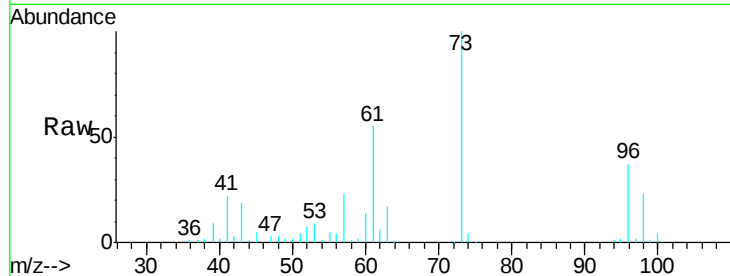




#19
Methyl tert-butyl Ether
Concen: 22.937 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.01 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

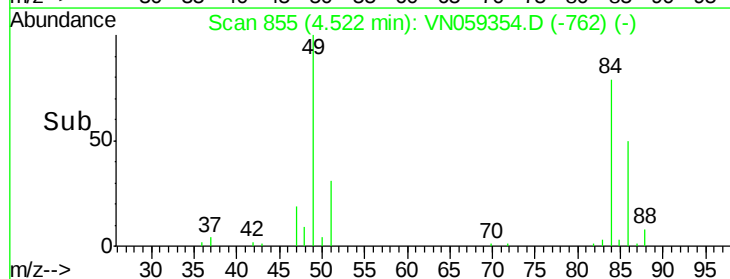
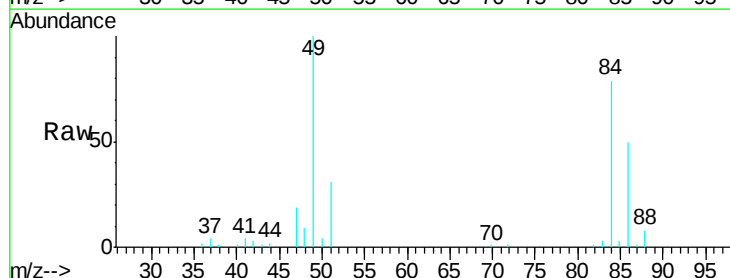
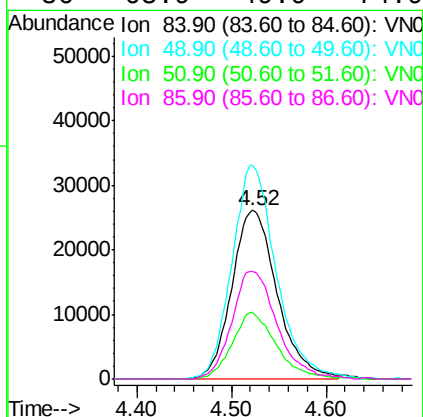
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

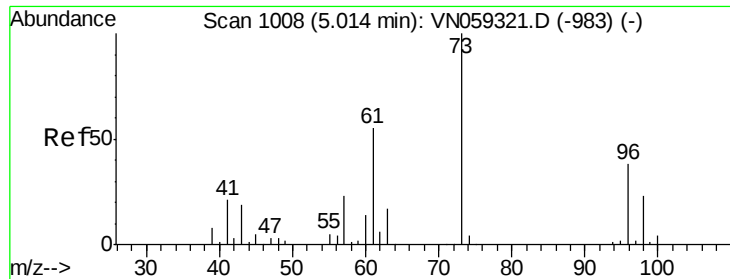
Tgt Ion: 73 Resp: 256819
Ion Ratio Lower Upper
73 100
57 22.8 18.4 27.6



#20
Methylene Chloride
Concen: 22.315 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

Tgt Ion: 84 Resp: 86967
Ion Ratio Lower Upper
84 100
49 126.0 99.5 149.3
51 39.4 31.1 46.7
86 63.9 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 22.404 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBS01

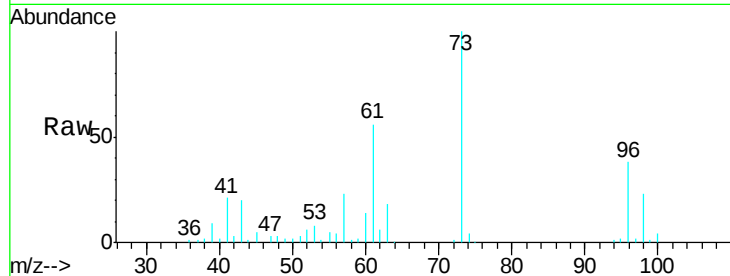
Tgt Ion: 96 Resp: 82313

Ion Ratio Lower Upper

96 100

61 149.1 116.4 174.6

98 62.5 49.6 74.4

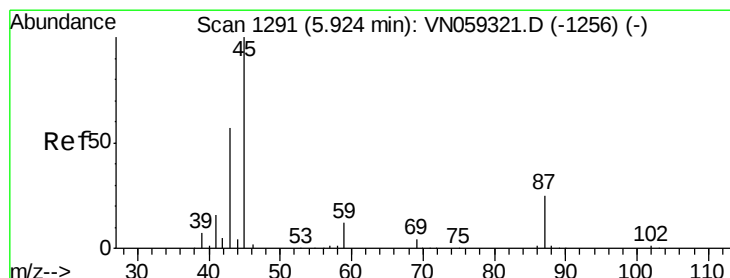
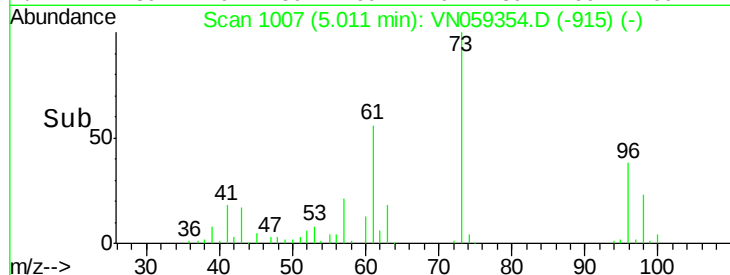
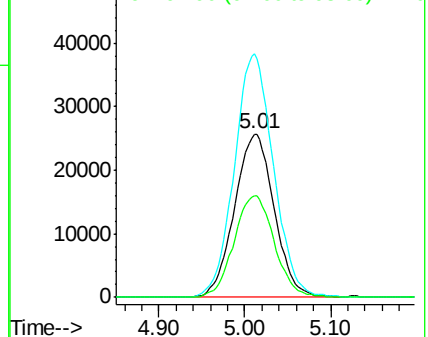


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 22.786 ug/l

RT: 5.92 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

Tgt Ion: 45 Resp: 277841

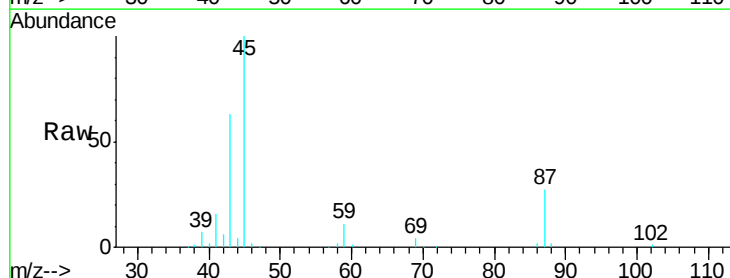
Ion Ratio Lower Upper

45 100

43 61.7 47.6 71.4

87 27.0 20.7 31.1

59 10.9 9.4 14.2



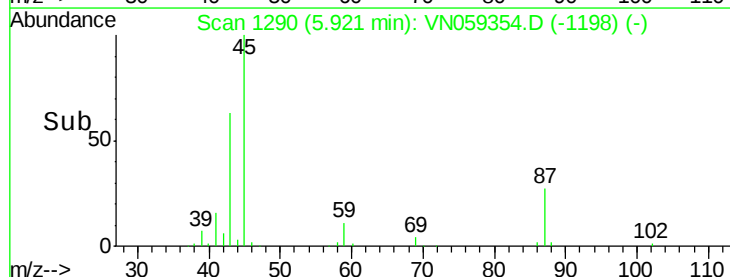
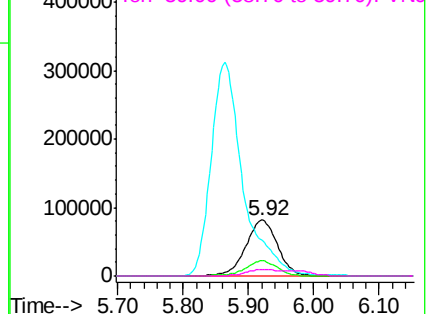
Abundance

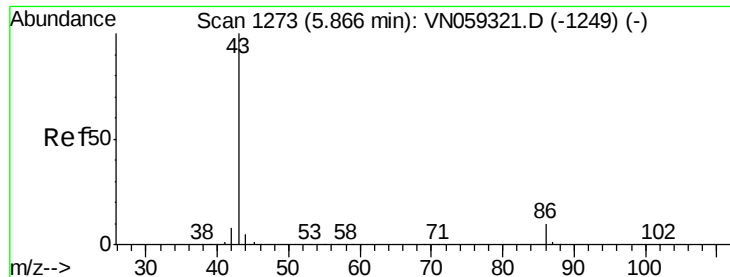
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 110.734 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

Instrument :

MSVOA_N

ClientSampleId :

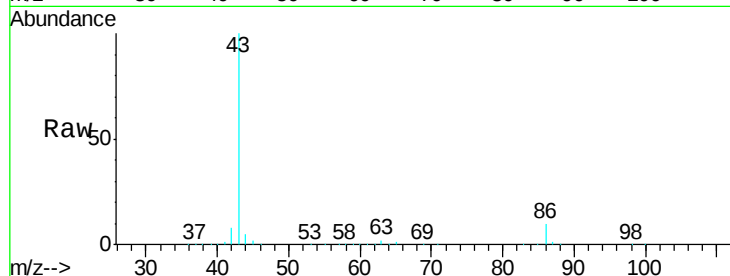
VN1122MBS01

Tgt Ion: 43 Resp: 1061770

Ion Ratio Lower Upper

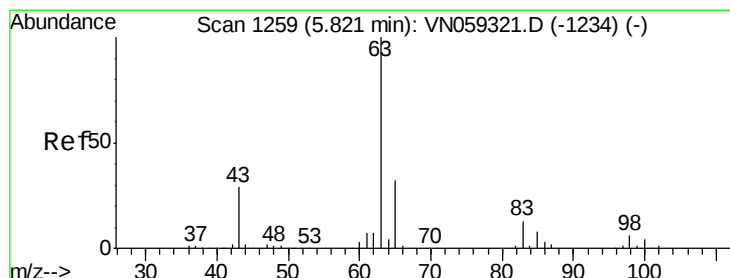
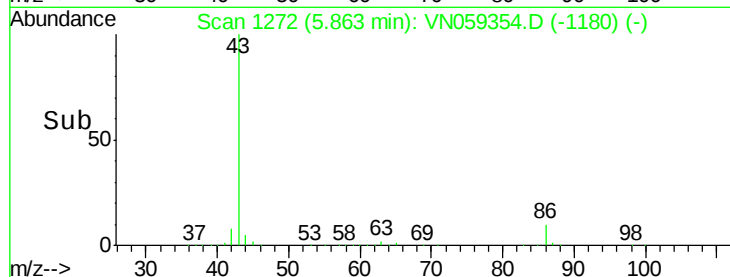
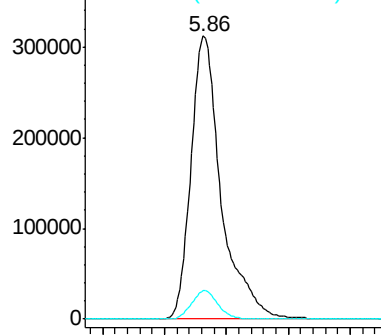
43 100

86 10.1 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 22.744 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

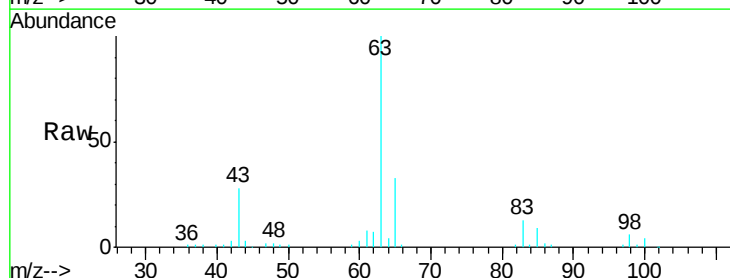
Tgt Ion: 63 Resp: 156096

Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.8

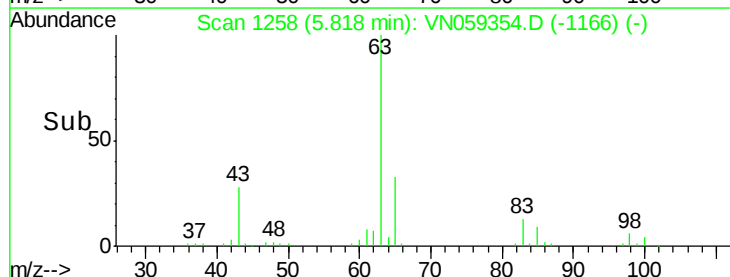
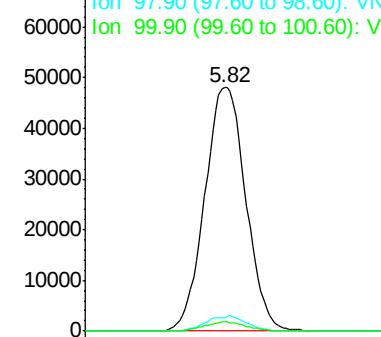
100 3.8 1.9 5.7

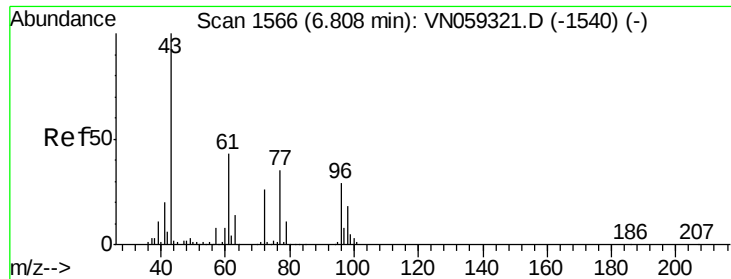


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

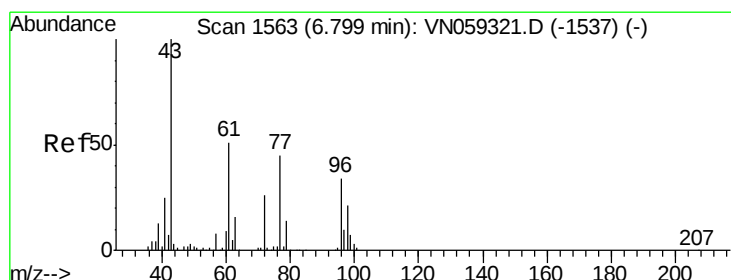
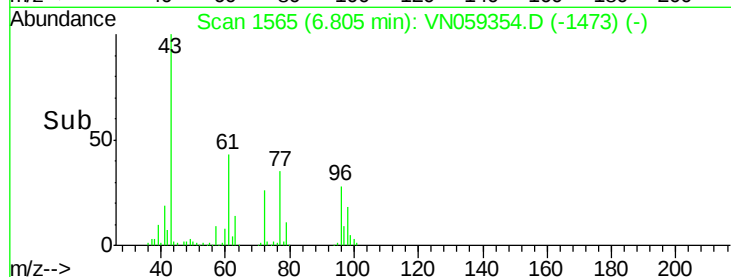
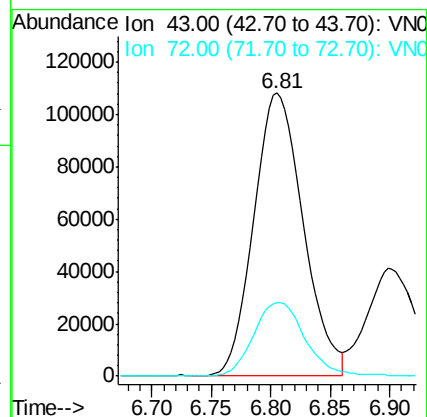
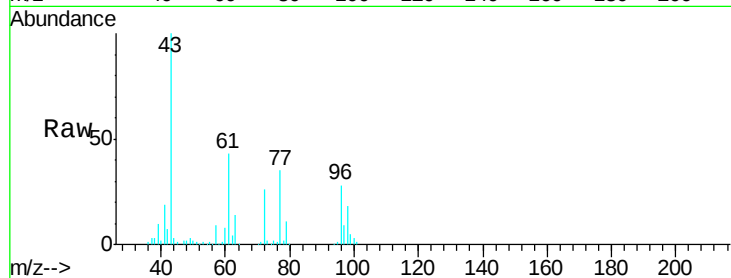




#25
2-Butanone
Concen: 115.497 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

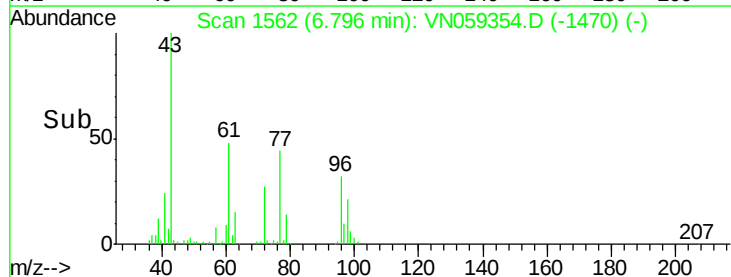
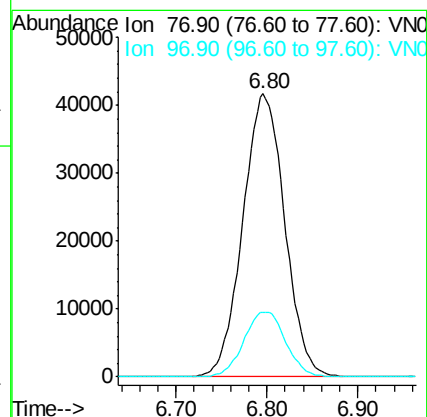
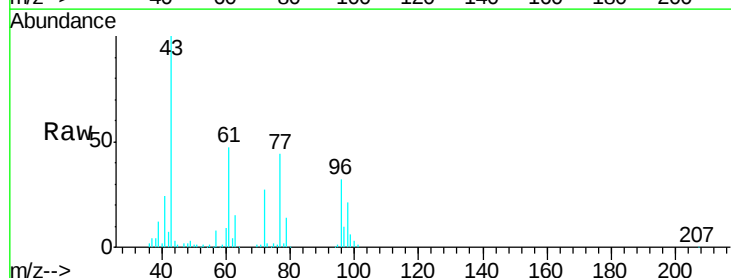
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

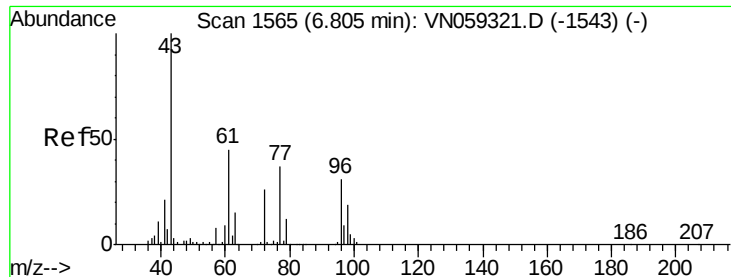
Tgt Ion: 43 Resp: 310344
Ion Ratio Lower Upper
43 100
72 26.1 20.5 30.7



#26
2,2-Dichloropropane
Concen: 22.416 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

Tgt Ion: 77 Resp: 133213
Ion Ratio Lower Upper
77 100
97 22.8 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 22.262 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBS01

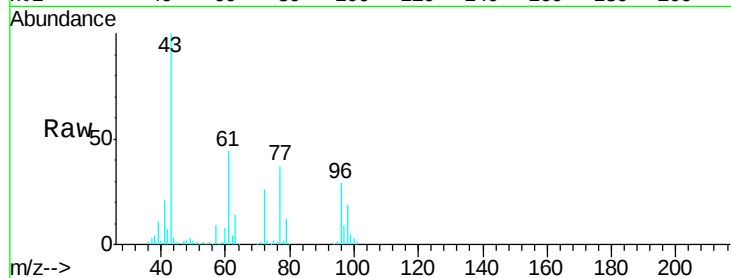
Tgt Ion: 96 Resp: 92283

Ion Ratio Lower Upper

96 100

61 150.5 0.0 304.0

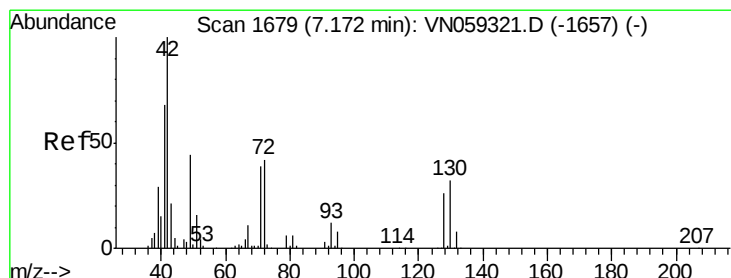
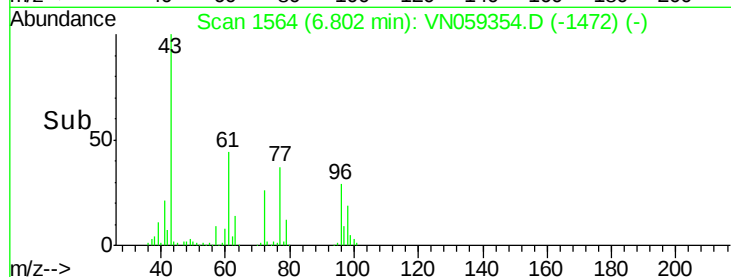
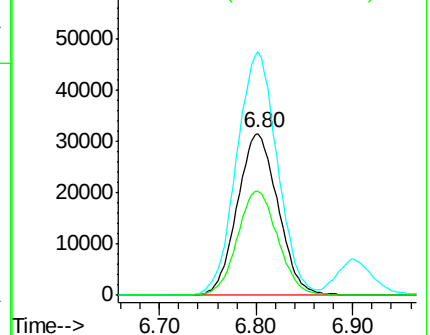
98 63.9 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN059321.D (-1543) (-)

Ion 60.90 (60.60 to 61.60): VN059321.D (-1543) (-)

Ion 97.90 (97.60 to 98.60): VN059321.D (-1543) (-)



#28

Bromochloromethane

Concen: 16.848 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

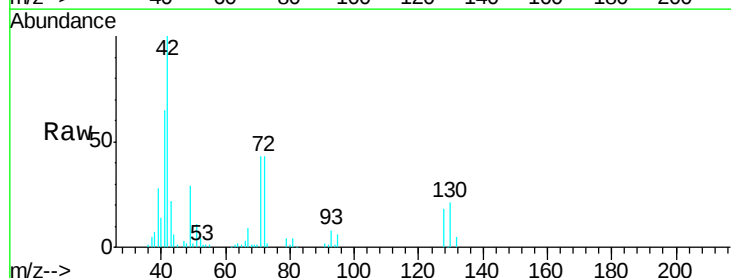
Tgt Ion: 49 Resp: 42528

Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.8

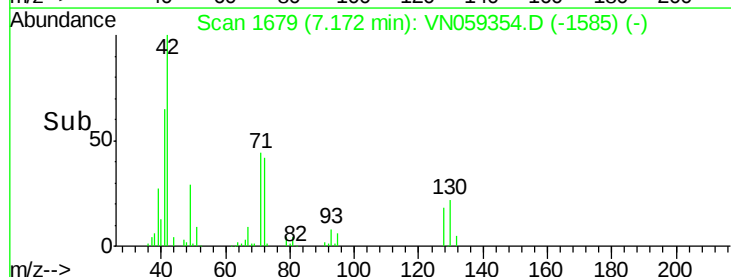
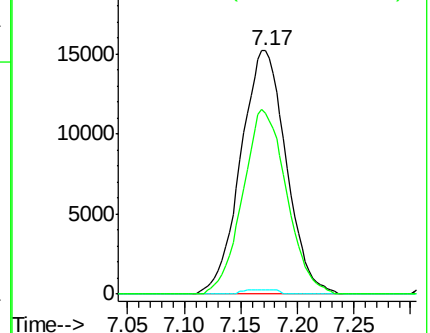
130 73.1 57.0 85.6

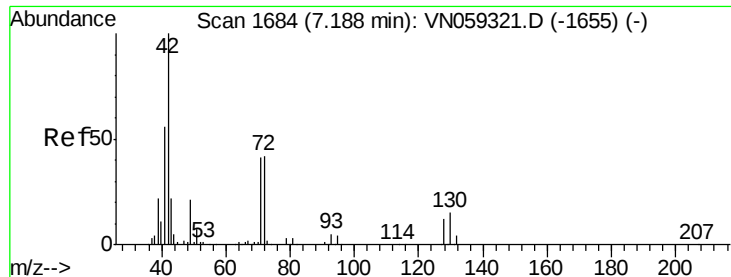


Abundance Ion 48.90 (48.60 to 49.60): VN059321.D (-1657) (-)

Ion 128.80 (128.50 to 129.50): VN059321.D (-1657) (-)

Ion 129.80 (129.50 to 130.50): VN059321.D (-1657) (-)

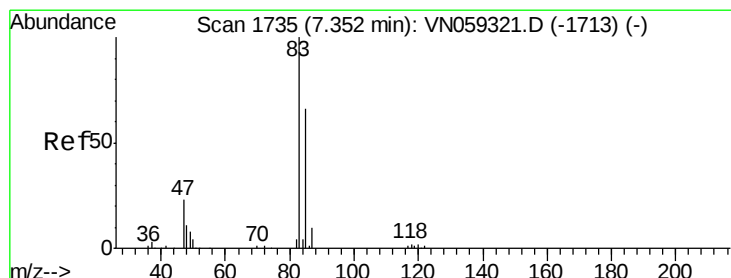
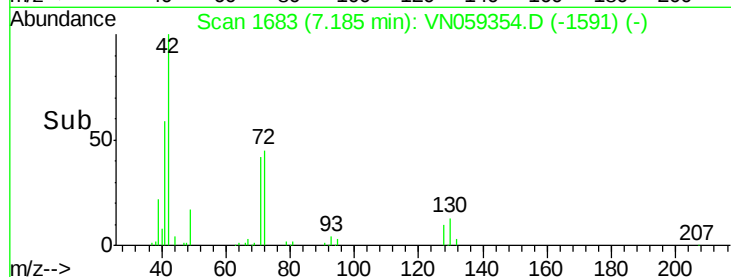
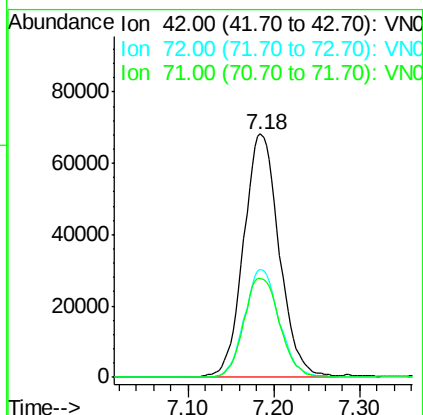
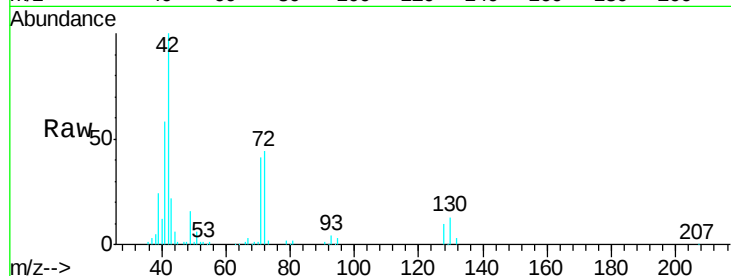




#29
Tetrahydrofuran
Concen: 106.119 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

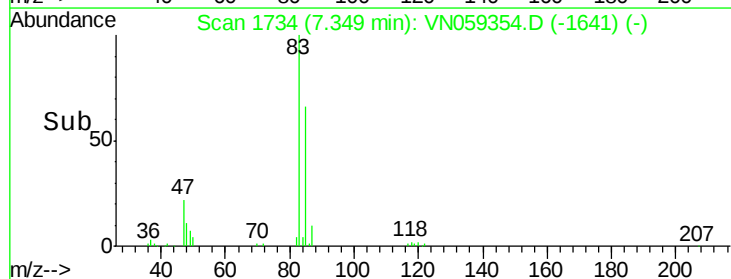
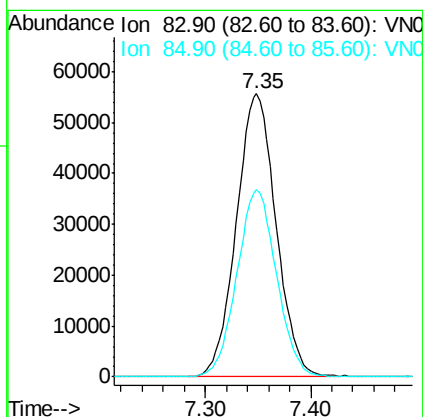
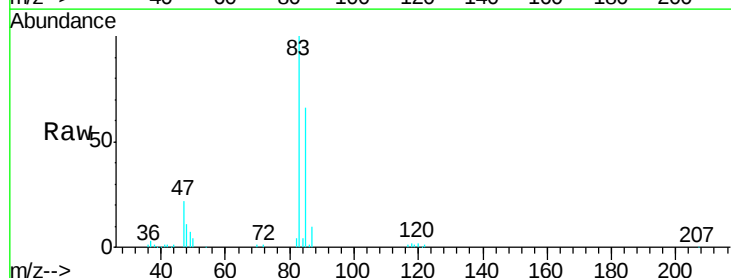
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

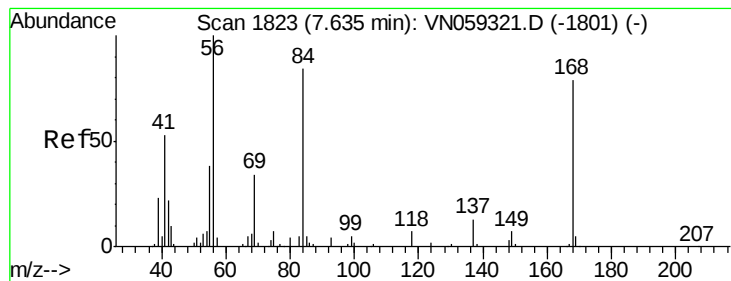
Tgt Ion: 42 Resp: 197168
Ion Ratio Lower Upper
42 100
72 43.3 34.2 51.2
71 40.8 32.6 48.8



#30
Chloroform
Concen: 21.773 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

Tgt Ion: 83 Resp: 145529
Ion Ratio Lower Upper
83 100
85 66.0 52.7 79.1





#31

Cyclohexane

Concen: 21.689 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBS01

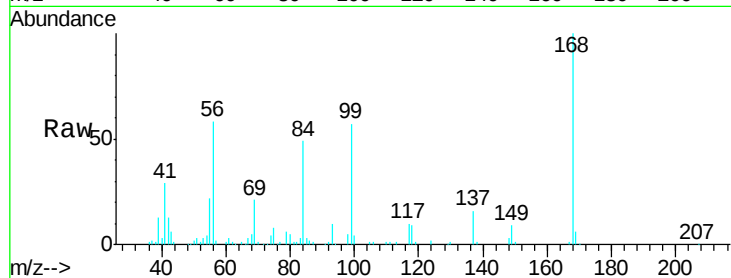
Tgt Ion: 56 Resp: 147179

Ion Ratio Lower Upper

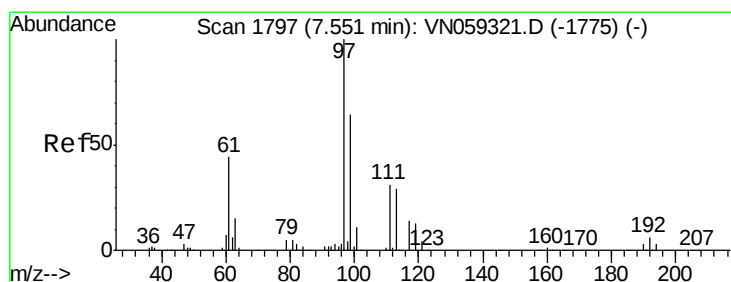
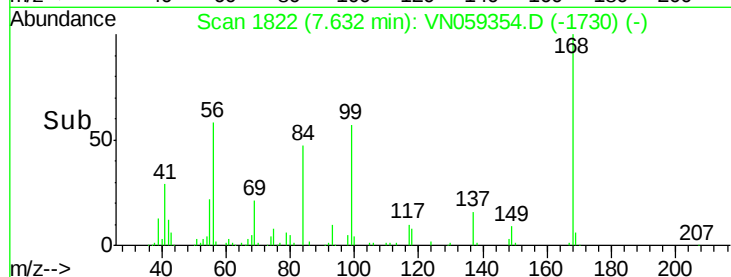
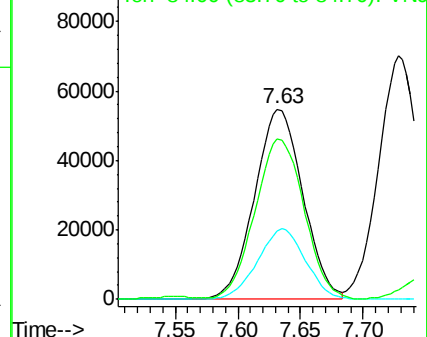
56 100

69 36.2 26.6 40.0

84 83.6 67.0 100.4



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



#32

1,1,1-Trichloroethane

Concen: 21.957 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

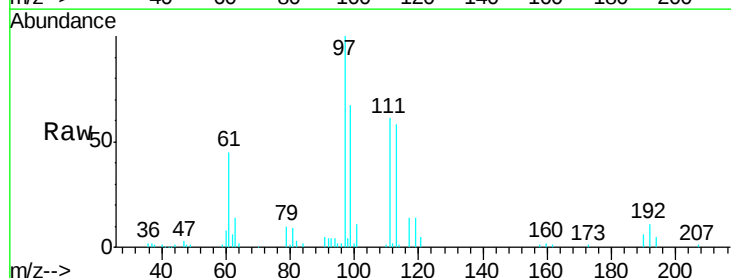
Tgt Ion: 97 Resp: 125644

Ion Ratio Lower Upper

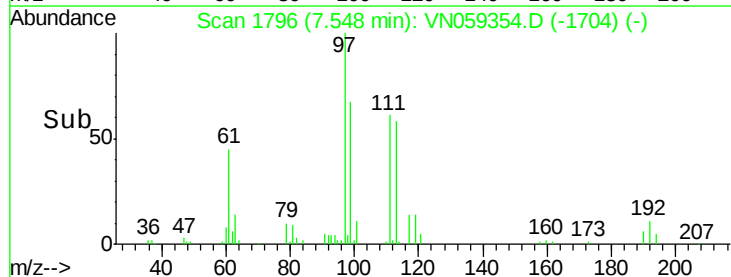
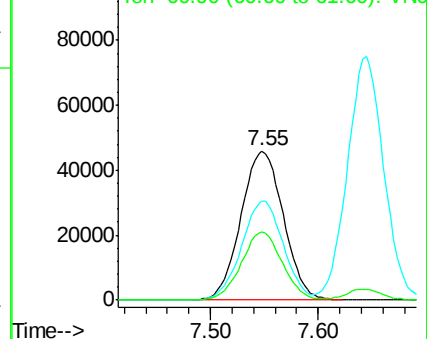
97 100

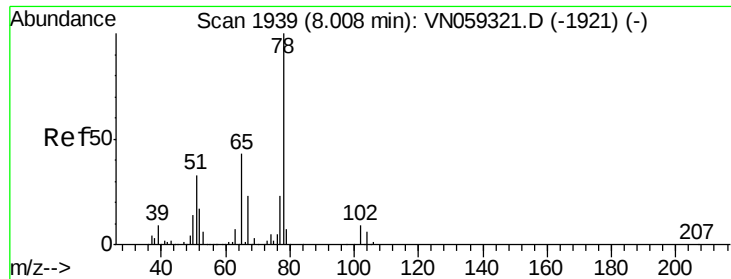
99 65.5 51.3 76.9

61 44.0 35.3 52.9



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

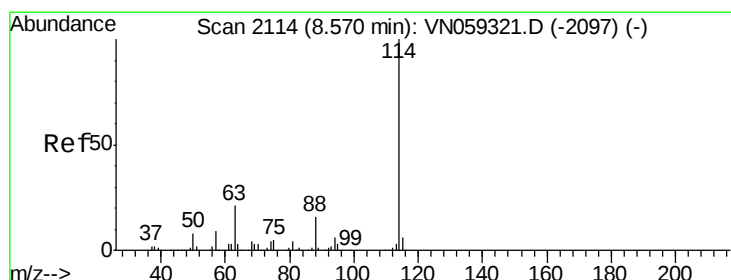
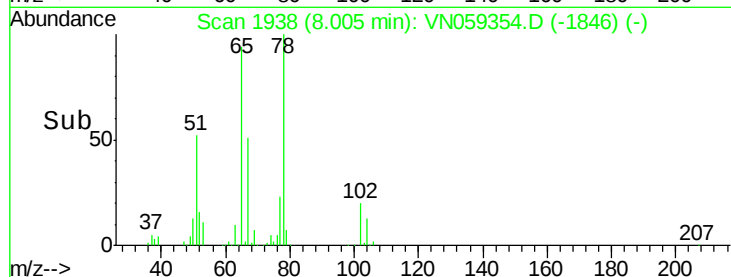
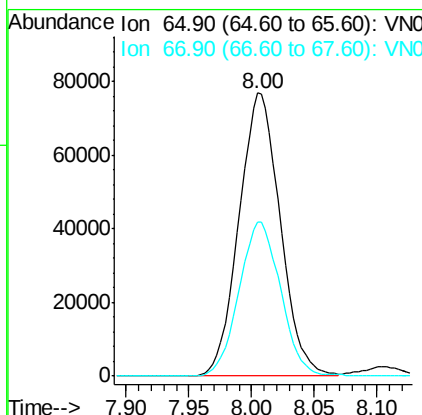
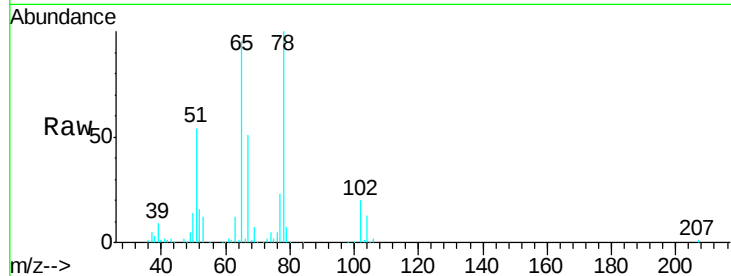




#33
 1,2-Dichloroethane-d4
 Concen: 45.678 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059354.D
 Acq: 22 Nov 2019 11:23

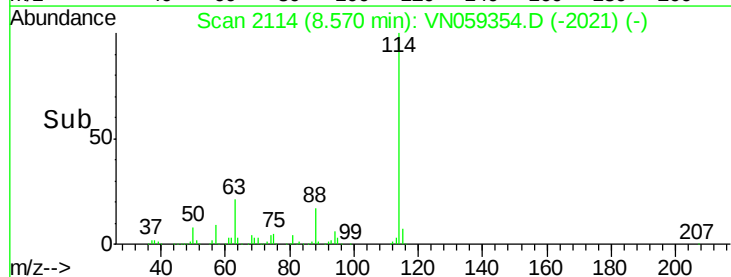
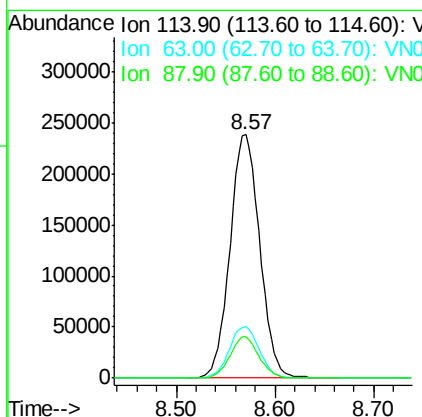
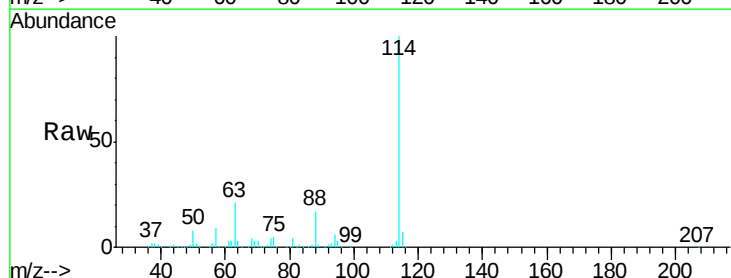
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122MBS01

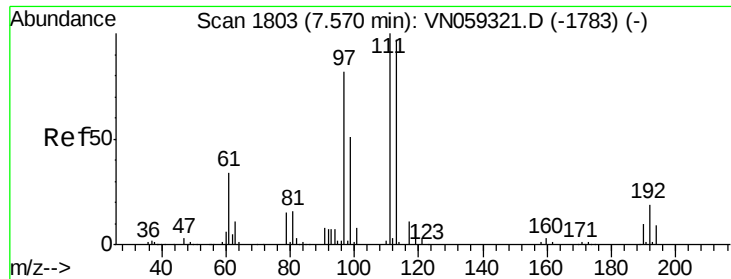
Tgt Ion: 65 Resp: 176036
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059354.D
 Acq: 22 Nov 2019 11:23

Tgt Ion: 114 Resp: 501004
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.2
 88 17.0 0.0 32.2

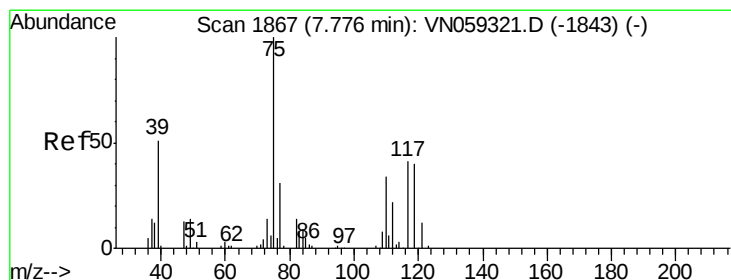
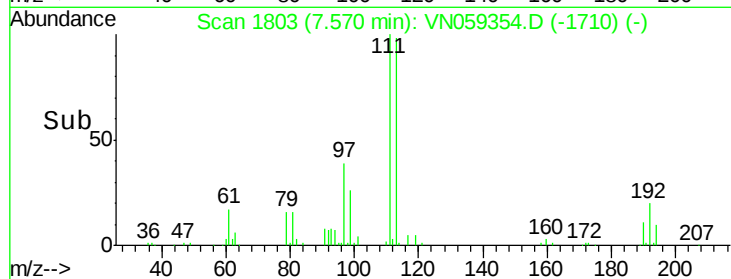
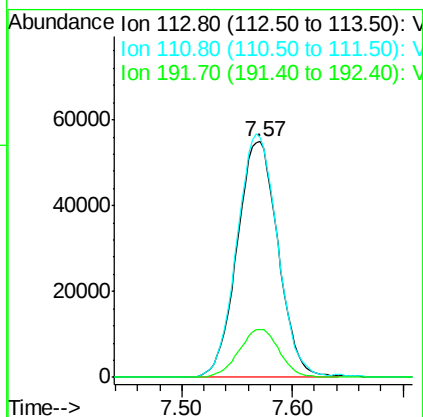
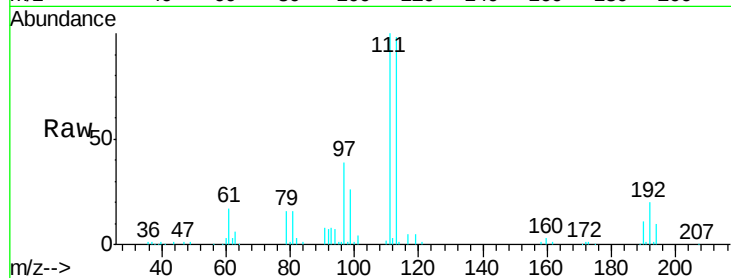




#35
Dibromofluoromethane
Concen: 47.223 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

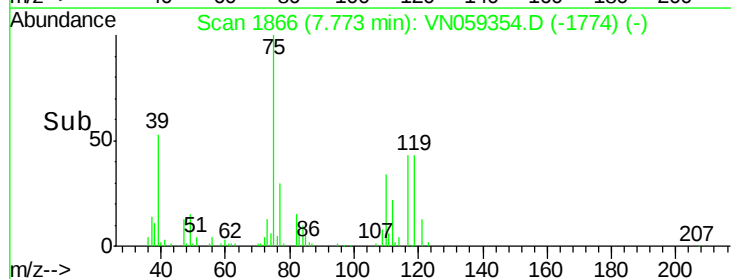
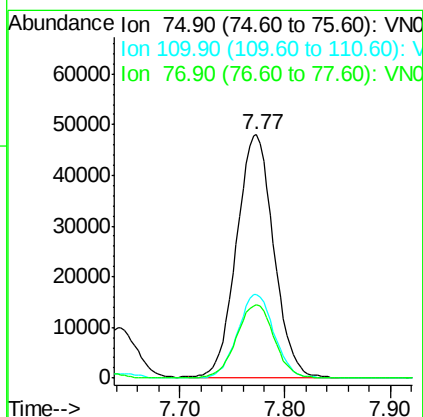
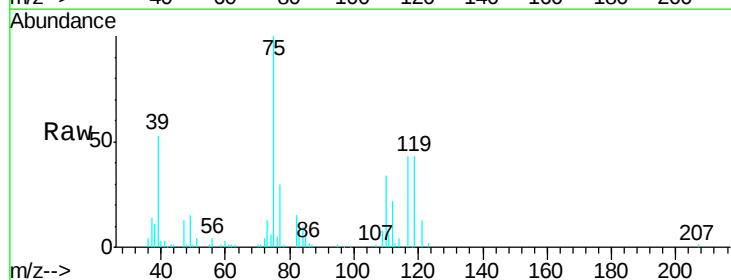
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

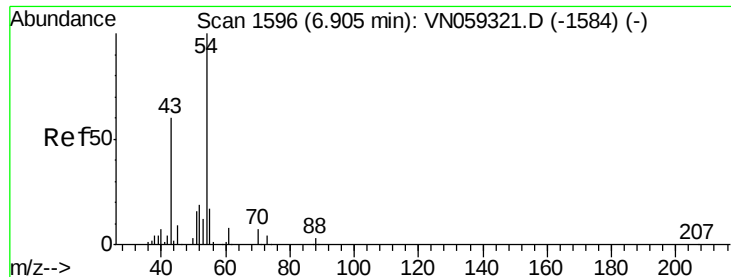
Tgt Ion:113 Resp: 141940
Ion Ratio Lower Upper
113 100
111 102.0 82.7 124.1
192 20.1 16.3 24.5



#36
1,1-Dichloropropene
Concen: 22.838 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

Tgt Ion: 75 Resp: 118120
Ion Ratio Lower Upper
75 100
110 33.6 17.0 51.0
77 30.6 24.8 37.2

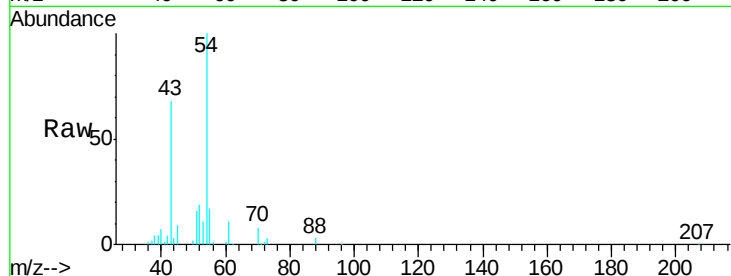




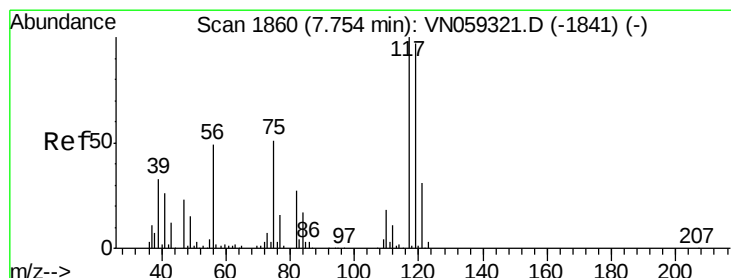
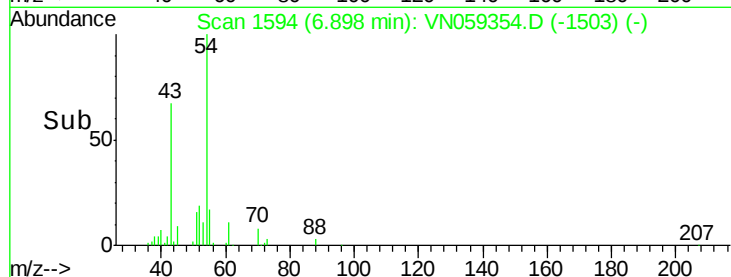
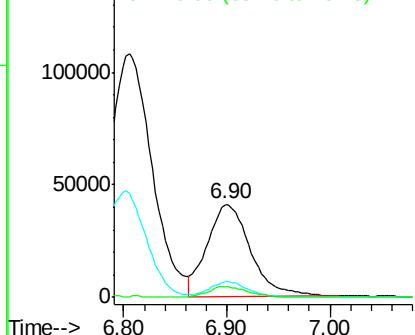
#37
Ethyl Acetate
Concen: 21.269 ug/l
RT: 6.90 min Scan# 1594
Delta R.T. -0.01 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

Tgt Ion: 43 Resp: 118227
Ion Ratio Lower Upper
43 100
61 15.9 11.0 16.6
70 11.0 8.8 13.2

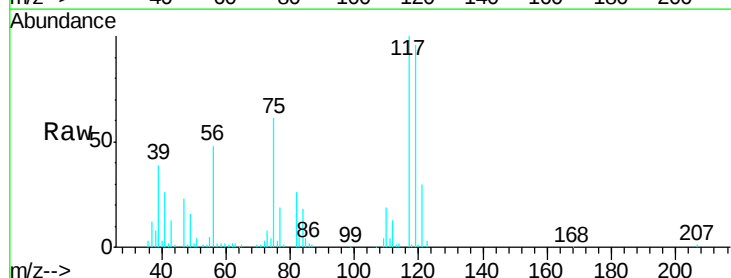


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

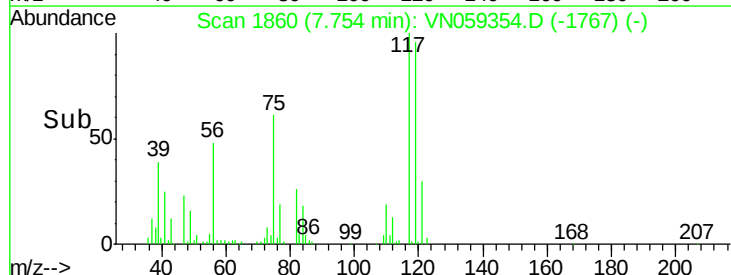
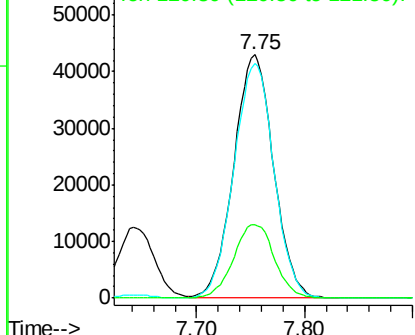


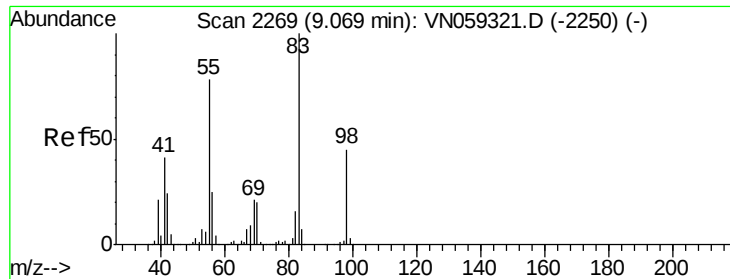
#38
Carbon Tetrachloride
Concen: 22.344 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

Tgt Ion: 117 Resp: 110632
Ion Ratio Lower Upper
117 100
119 96.2 77.0 115.4
121 30.1 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

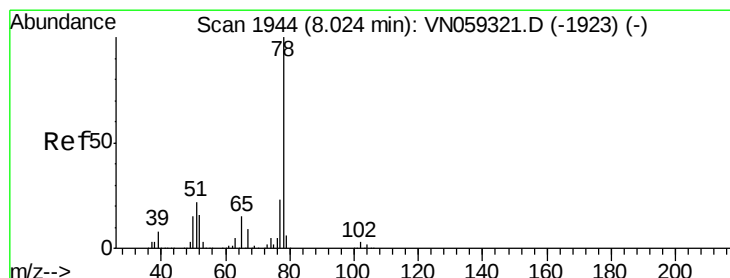
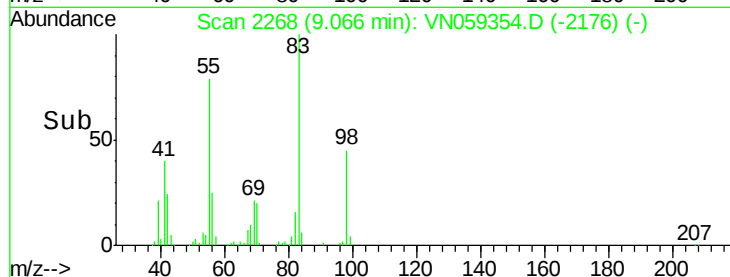
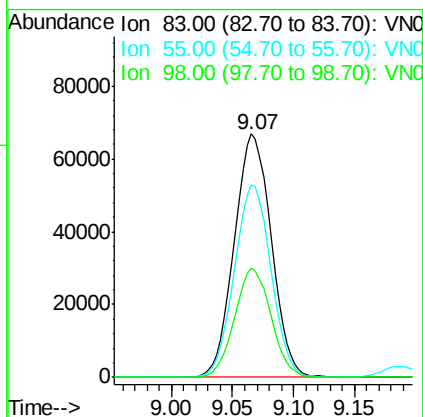
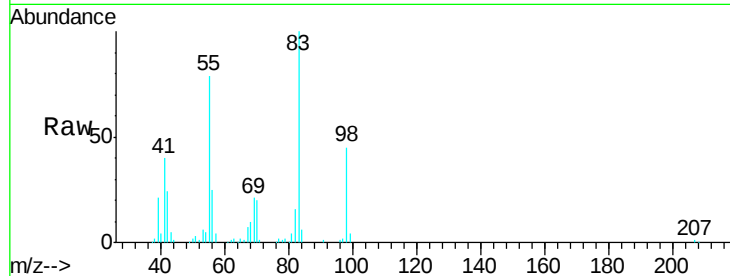




#39
Methylcyclohexane
Concen: 22.606 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

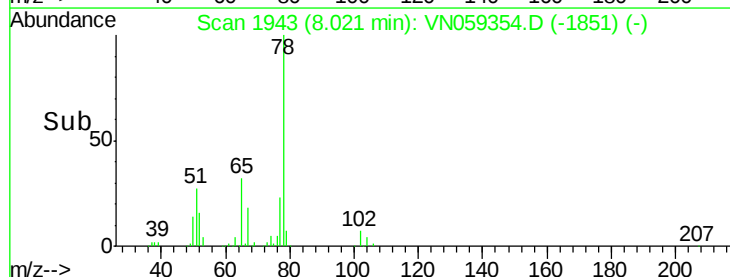
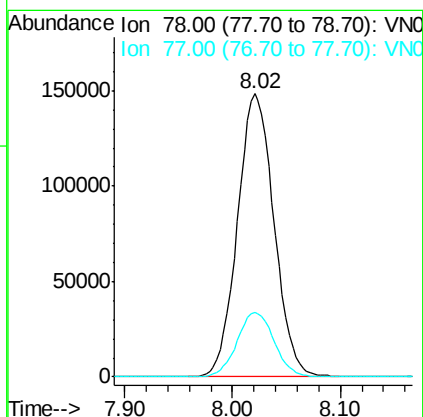
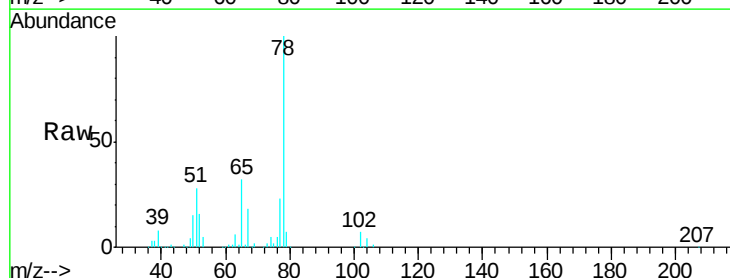
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

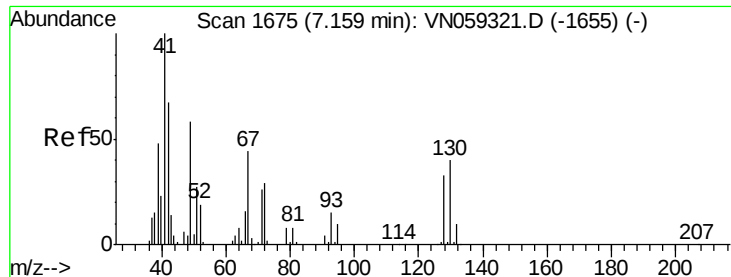
Tgt Ion: 83 Resp: 140987
Ion Ratio Lower Upper
83 100
55 78.8 62.3 93.5
98 44.6 36.0 54.0



#40
Benzene
Concen: 23.054 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

Tgt Ion: 78 Resp: 349957
Ion Ratio Lower Upper
78 100
77 22.9 18.4 27.6

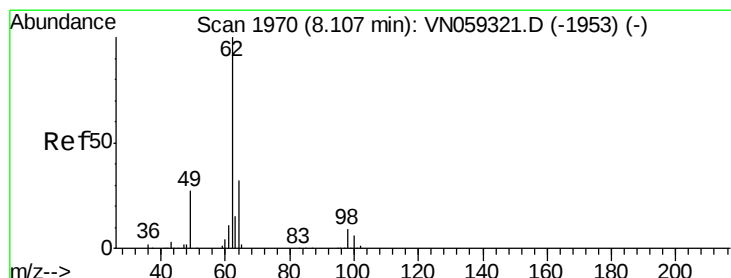
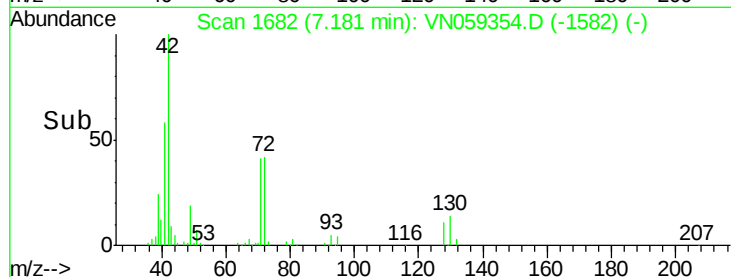
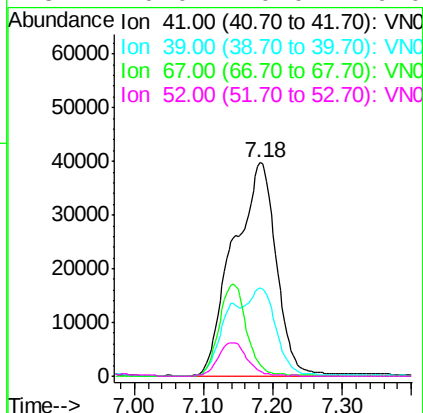
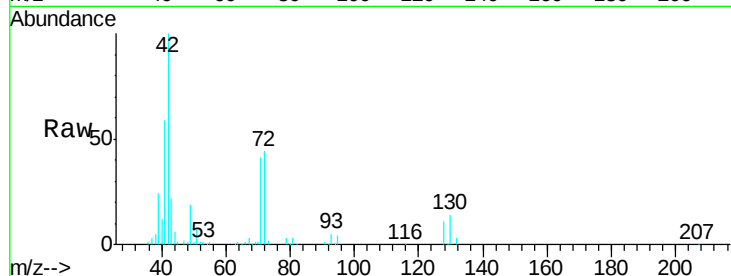




#41
Methacrylonitrile
Concen: 69.433 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.02 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

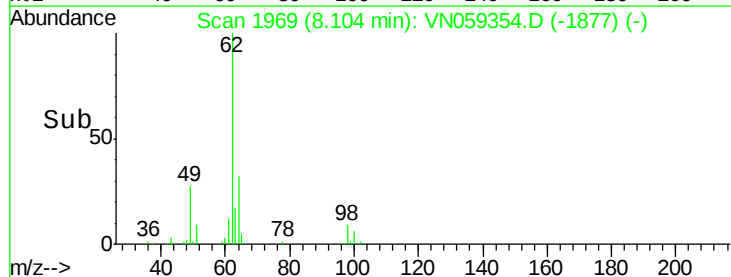
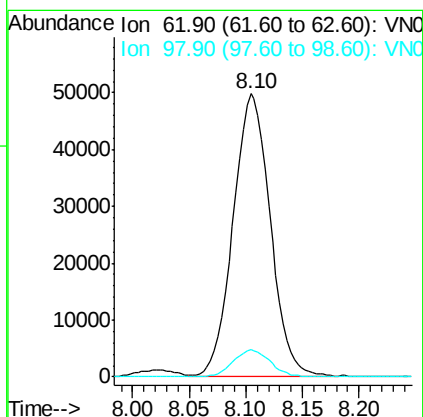
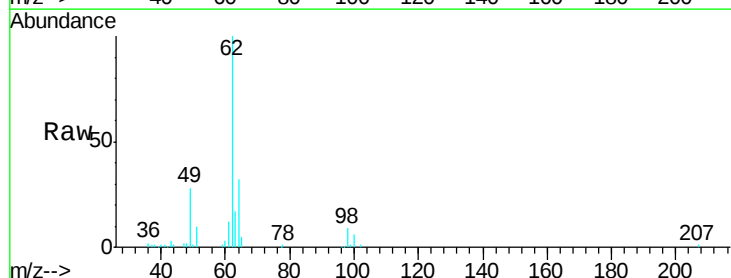
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

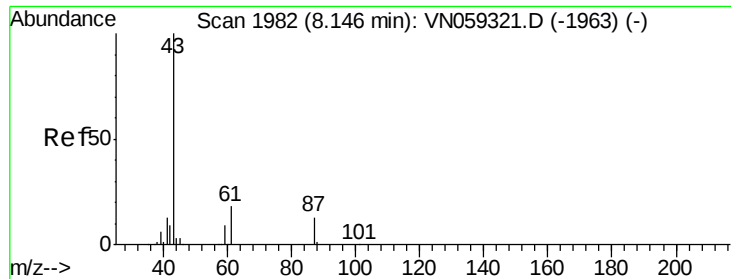
Tgt Ion:	41	Resp:	171333
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 22.593 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

Tgt Ion:	62	Resp:	113427
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.6

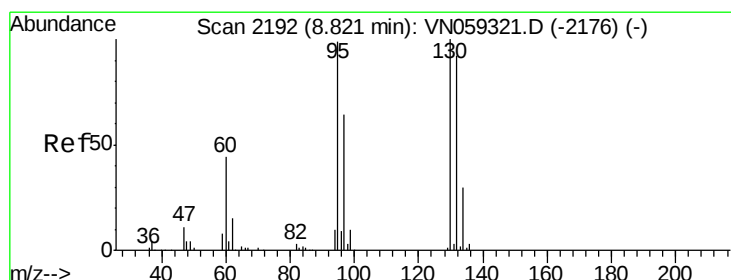
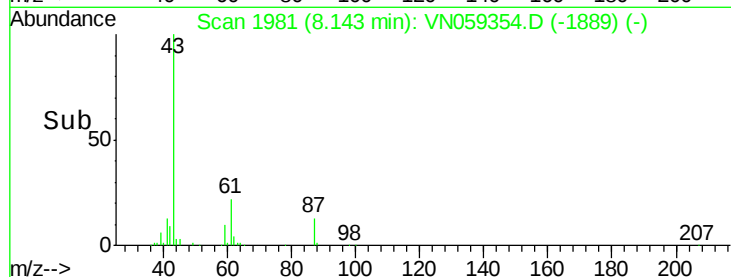
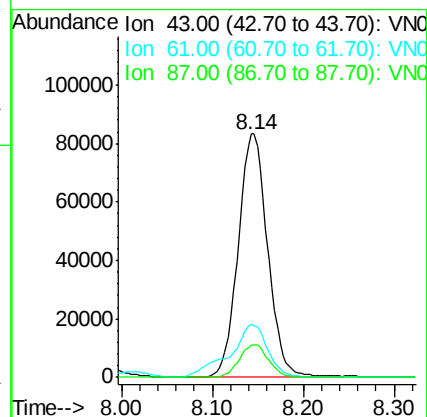
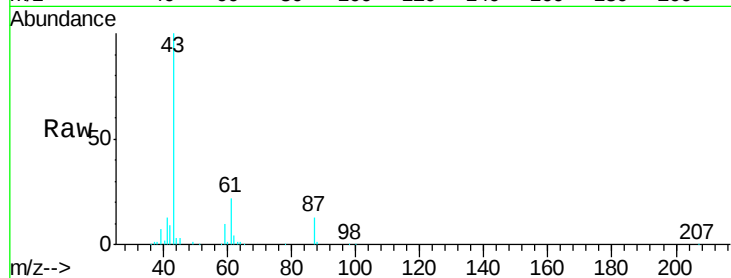




#43
Isopropyl Acetate
Concen: 22.073 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

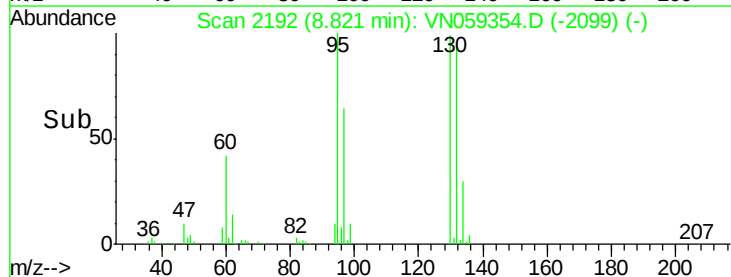
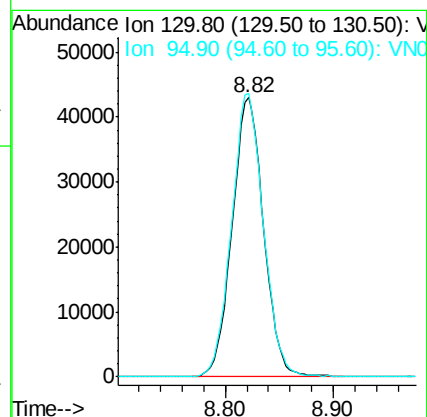
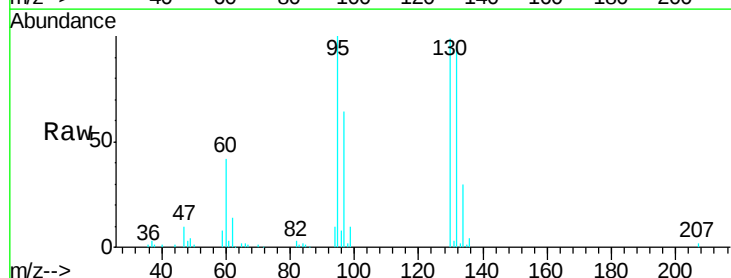
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

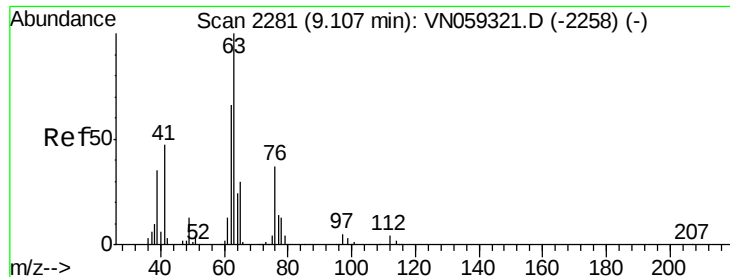
Tgt Ion: 43 Resp: 187510
Ion Ratio Lower Upper
43 100
61 27.5 21.7 32.5
87 13.2 10.2 15.4



#44
Trichloroethene
Concen: 22.733 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. 0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

Tgt Ion: 130 Resp: 87460
Ion Ratio Lower Upper
130 100
95 101.4 0.0 198.4





#45

1,2-Dichloropropane

Concen: 23.061 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. -0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

Instrument :

MSVOA_N

ClientSampleId :

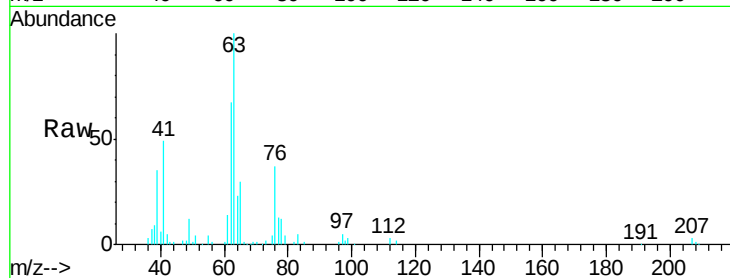
VN1122MBS01

Tgt Ion: 63 Resp: 93348

Ion Ratio Lower Upper

63 100

65 30.1 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VN059321.D (-2258) (-)

Ion 64.90 (64.60 to 65.60): VN059321.D (-2258) (-)

9.10

40000

30000

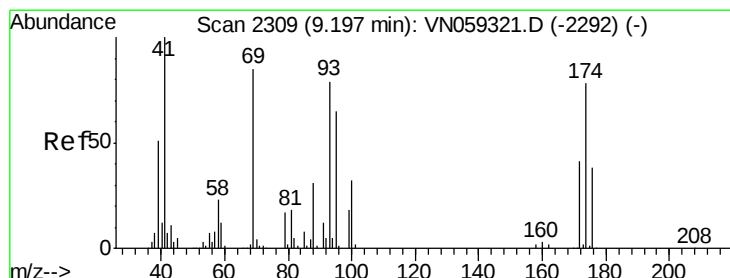
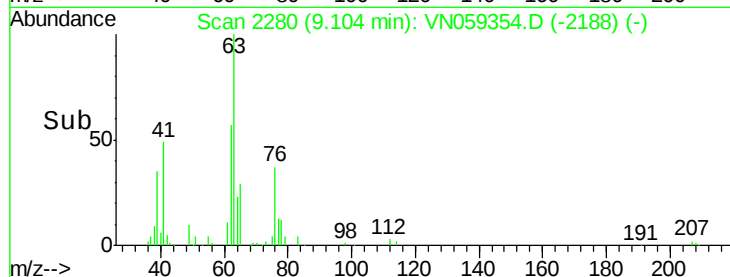
20000

10000

0

9.00 9.10 9.20

Time-->



#46

Dibromomethane

Concen: 22.907 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

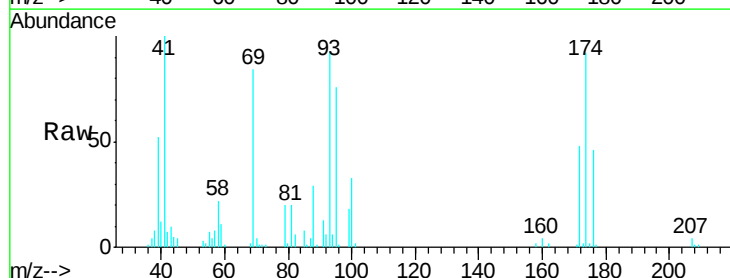
Tgt Ion: 93 Resp: 56876

Ion Ratio Lower Upper

93 100

95 82.9 66.9 100.3

174 99.0 80.6 120.8



Abundance Ion 92.80 (92.50 to 93.50): VN059321.D (-2292) (-)

Ion 94.80 (94.50 to 95.50): VN059321.D (-2292) (-)

Ion 173.70 (173.40 to 174.40): VN059321.D (-2292) (-)

9.20

30000

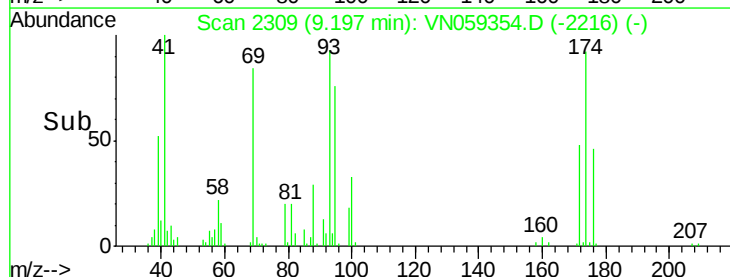
20000

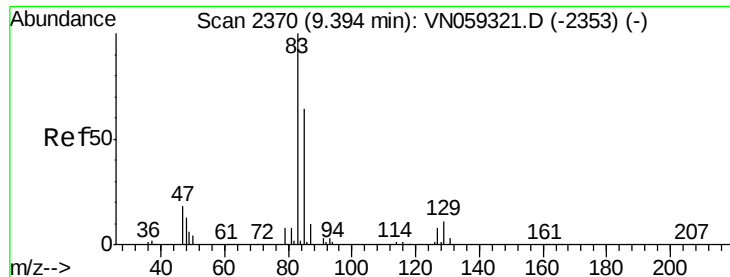
10000

0

9.10 9.15 9.20 9.25

Time-->





#47

Bromodichloromethane

Concen: 22.733 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBS01

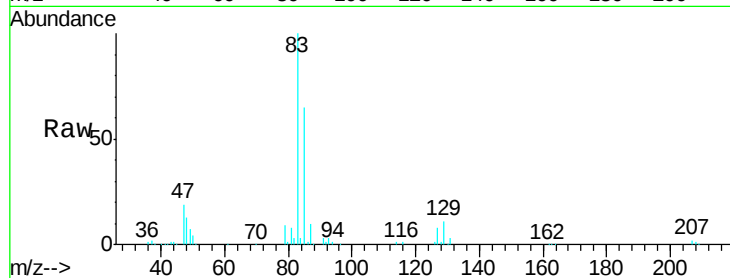
Tgt Ion: 83 Resp: 113042

Ion Ratio Lower Upper

83 100

85 64.7 51.5 77.3

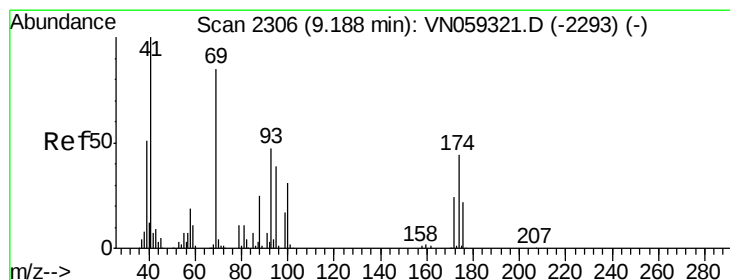
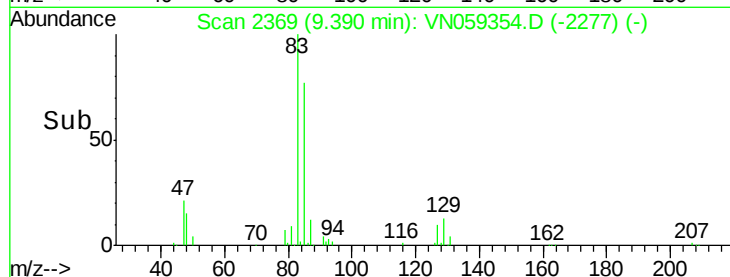
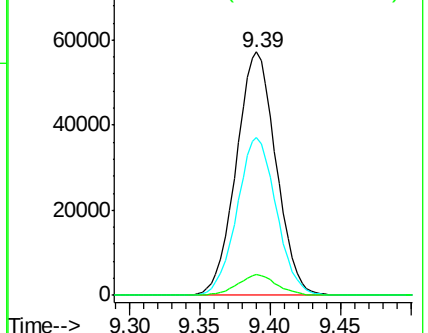
127 8.4 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VN059321.D (-2353) (-)

Ion 84.90 (84.60 to 85.60): VN059321.D (-2353) (-)

Ion 126.80 (126.50 to 127.50): VN059321.D (-2353) (-)



#48

Methyl methacrylate

Concen: 21.452 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

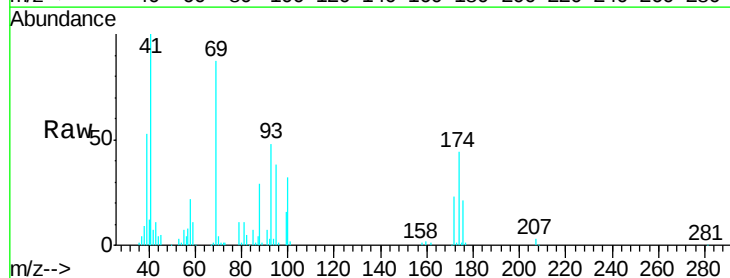
Tgt Ion: 41 Resp: 82872

Ion Ratio Lower Upper

41 100

69 88.3 68.8 103.2

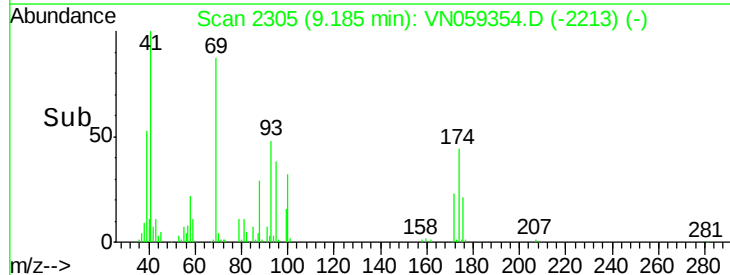
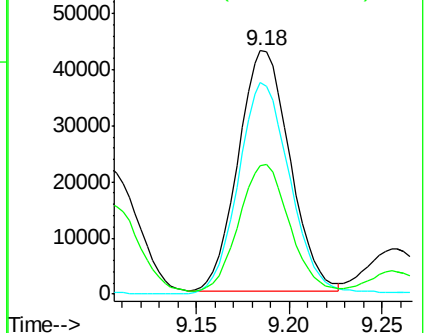
39 53.3 42.1 63.1

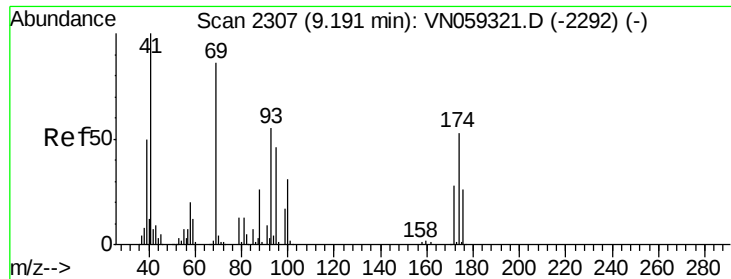


Abundance Ion 41.00 (40.70 to 41.70): VN059321.D (-2293) (-)

Ion 69.00 (68.70 to 69.70): VN059321.D (-2293) (-)

Ion 39.00 (38.70 to 39.70): VN059321.D (-2293) (-)

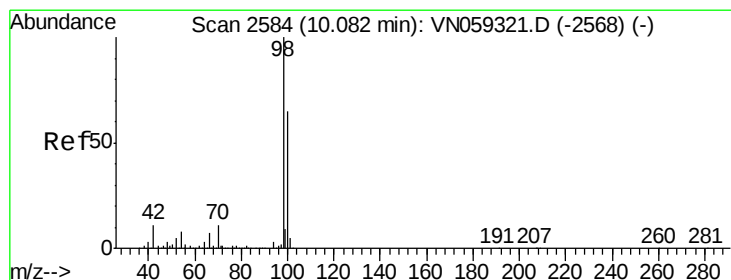
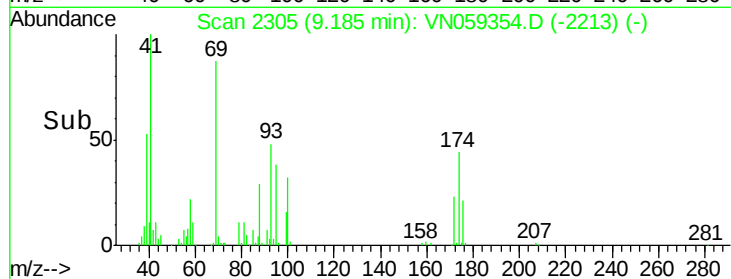
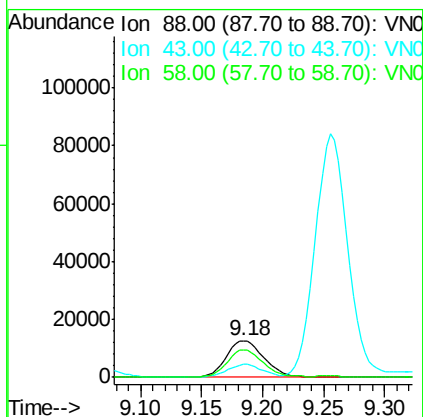
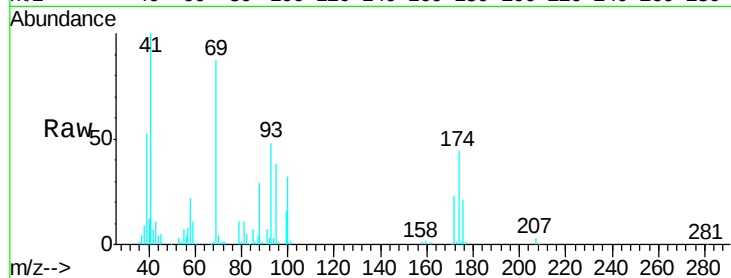




#49
 1,4-Dioxane
 Concen: 473.754 ug/l
 RT: 9.18 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: VN059354.D
 Acq: 22 Nov 2019 11:23

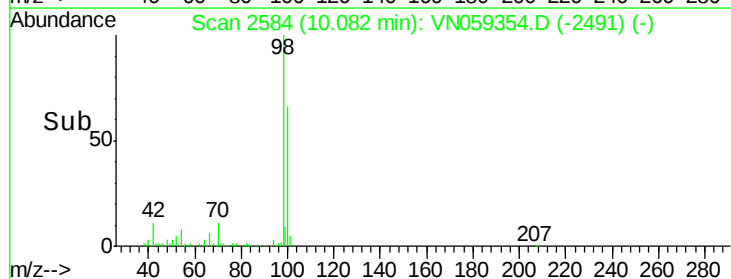
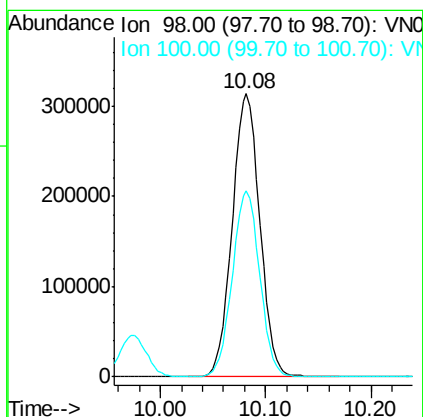
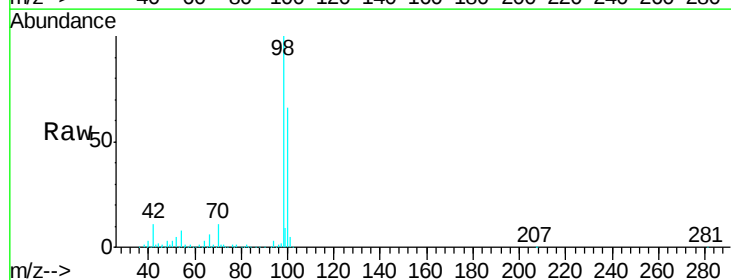
Instrument :
 MSVOA_N
 ClientSampled :
 VN1122MBS01

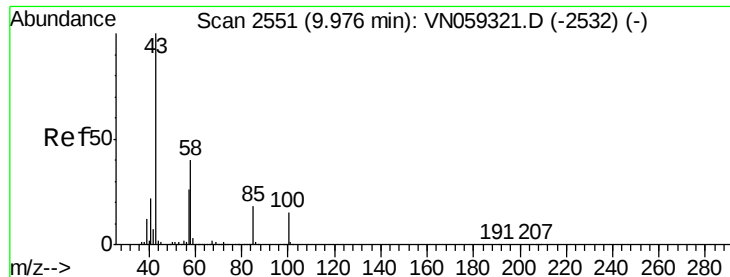
Tgt Ion: 88 Resp: 27506
 Ion Ratio Lower Upper
 88 100
 43 33.4 26.9 40.3
 58 72.2 59.2 88.8



#50
 Toluene-d8
 Concen: 47.624 ug/l
 RT: 10.08 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: VN059354.D
 Acq: 22 Nov 2019 11:23

Tgt Ion: 98 Resp: 569062
 Ion Ratio Lower Upper
 98 100
 100 65.2 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 116.288 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

Instrument :

MSVOA_N

ClientSampleId :

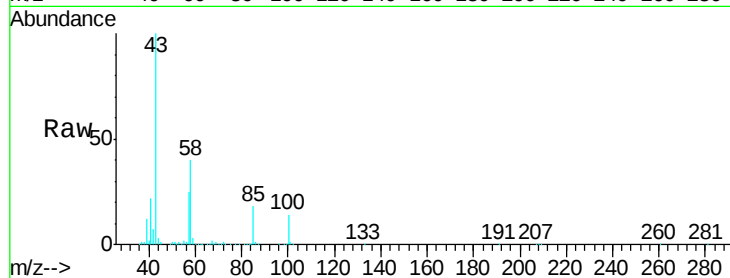
VN1122MBS01

Tgt Ion: 43 Resp: 578230

Ion Ratio Lower Upper

43 100

58 39.8 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.97

300000

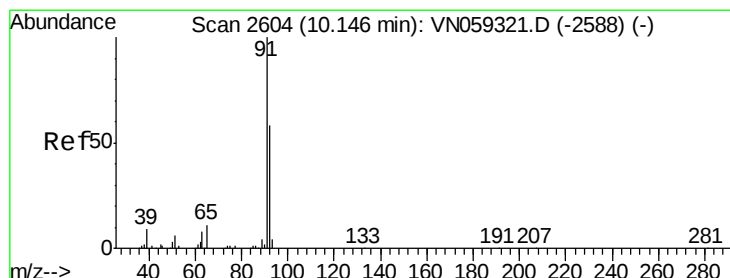
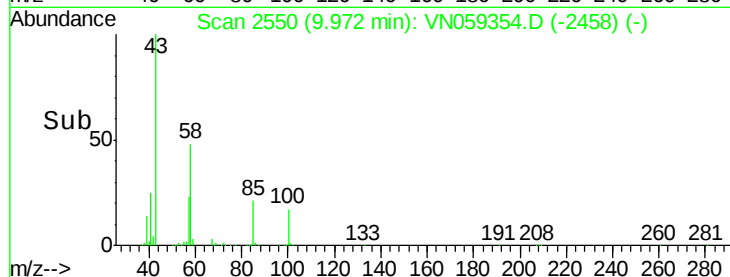
200000

100000

0

Time-->

9.90 10.00



#52

Toluene

Concen: 23.302 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059354.D

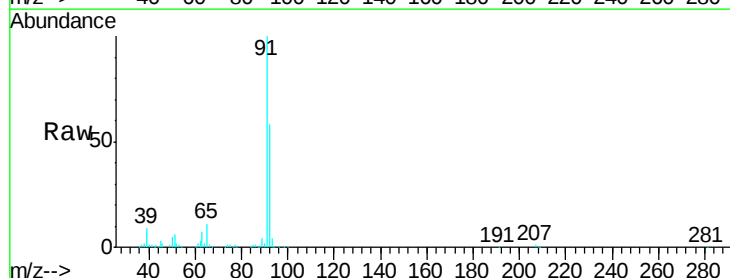
Acq: 22 Nov 2019 11:23

Tgt Ion: 92 Resp: 212690

Ion Ratio Lower Upper

92 100

91 172.7 137.9 206.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.15

200000

150000

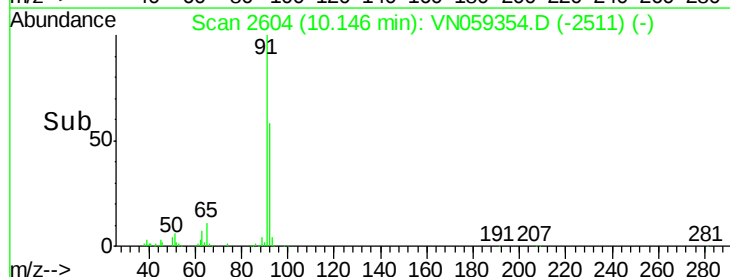
100000

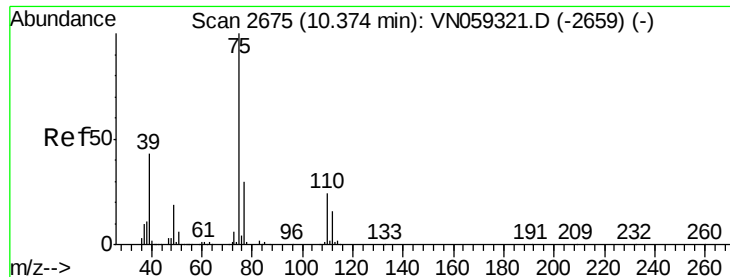
50000

0

Time-->

10.10 10.20





#53

t-1,3-Dichloropropene

Concen: 22.873 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

Instrument :

MSVOA_N

ClientSampleId :

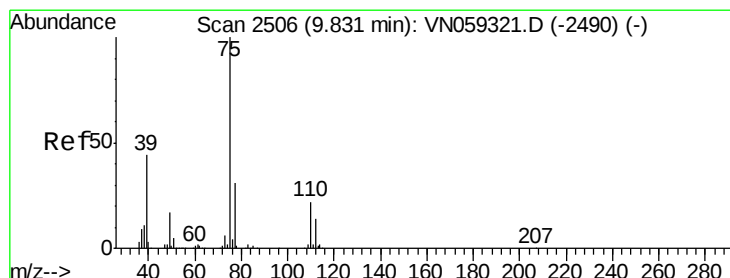
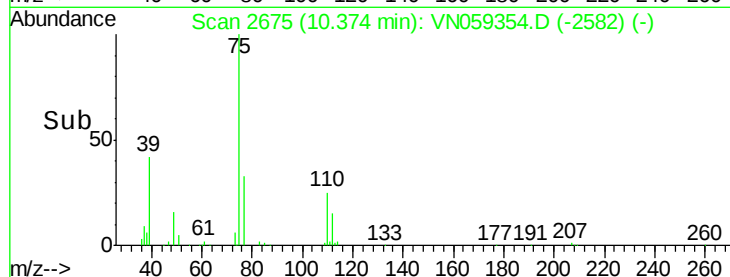
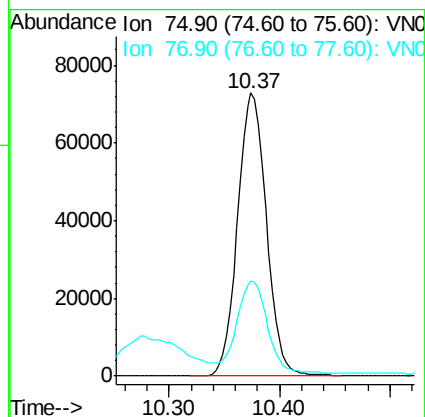
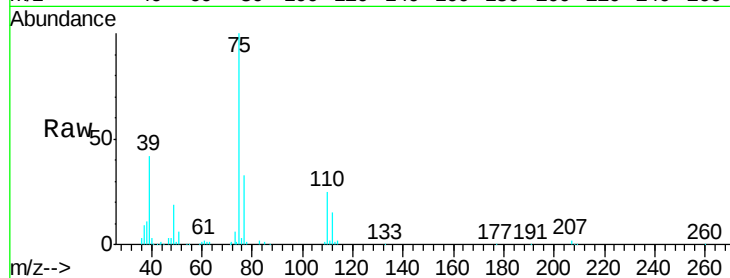
VN1122MBS01

Tgt Ion: 75 Resp: 132213

Ion Ratio Lower Upper

75 100

77 32.4 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 23.204 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

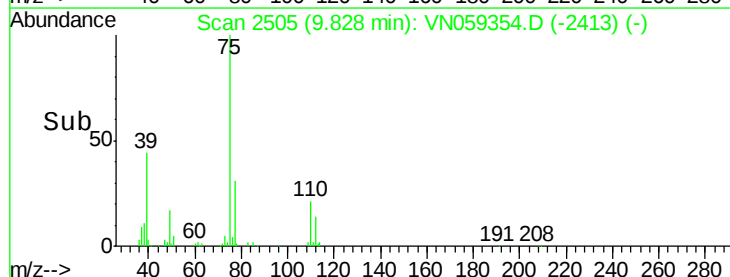
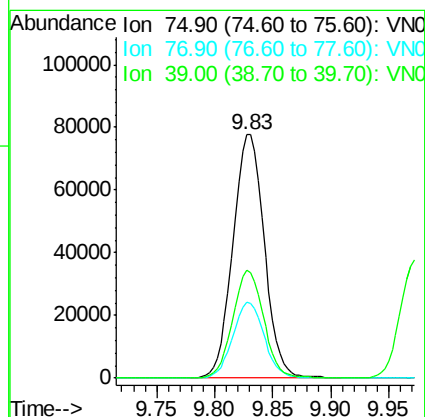
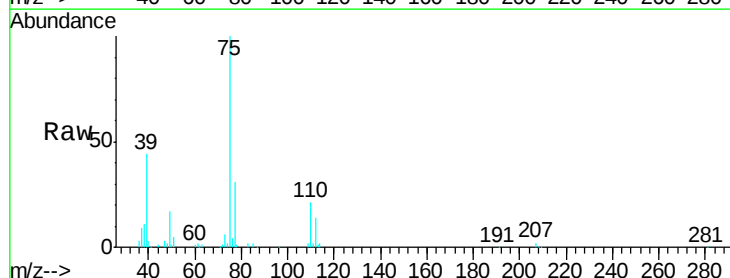
Tgt Ion: 75 Resp: 145545

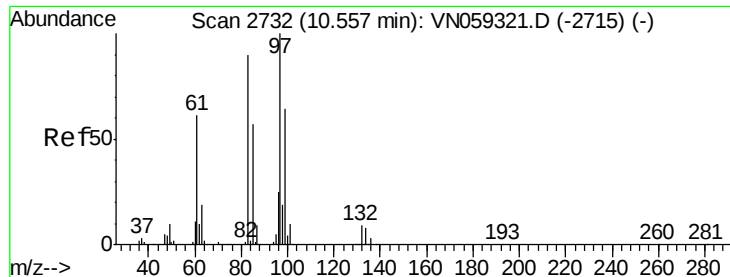
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.4

39 44.2 35.5 53.3





#55

1,1,2-Trichloroethane

Concen: 23.223 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBS01

Tgt Ion: 97 Resp: 82417

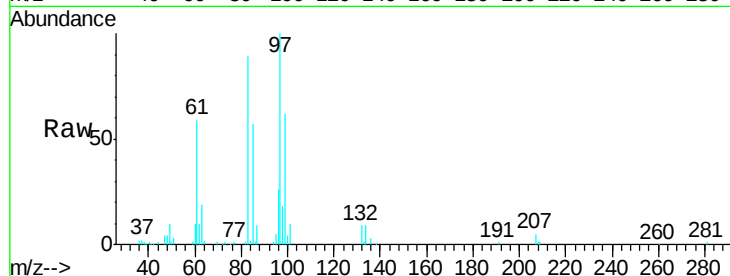
Ion Ratio Lower Upper

97 100

83 89.4 72.0 108.0

85 56.9 45.8 68.6

99 62.1 51.0 76.4

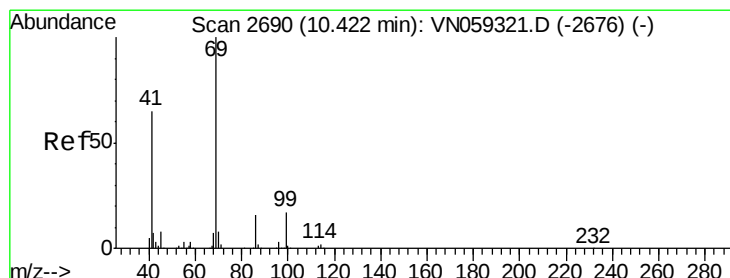
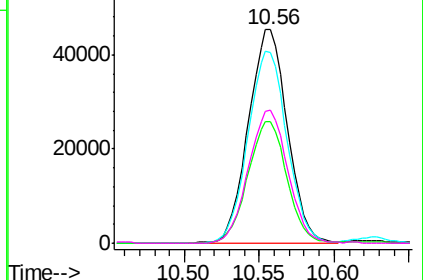
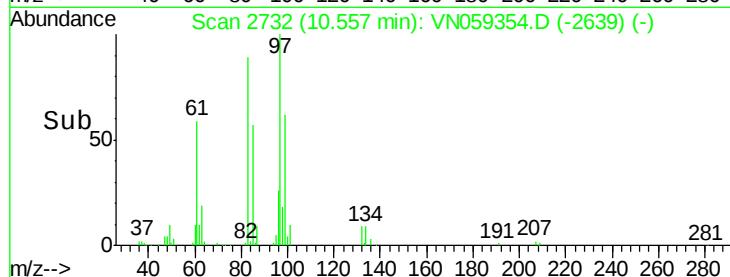


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 21.896 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

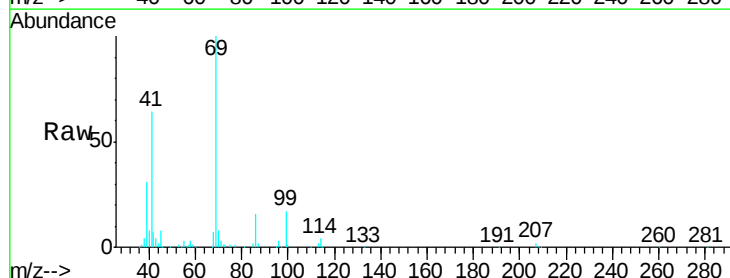
Tgt Ion: 69 Resp: 123511

Ion Ratio Lower Upper

69 100

41 63.7 51.7 77.5

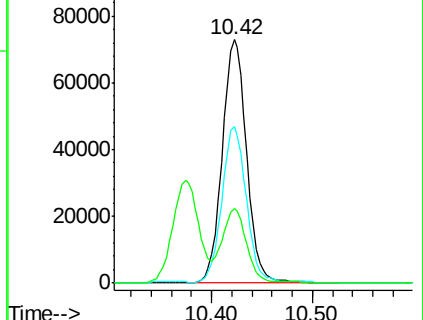
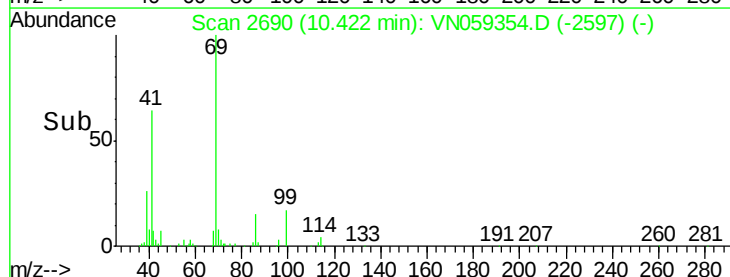
39 29.9 25.2 37.8

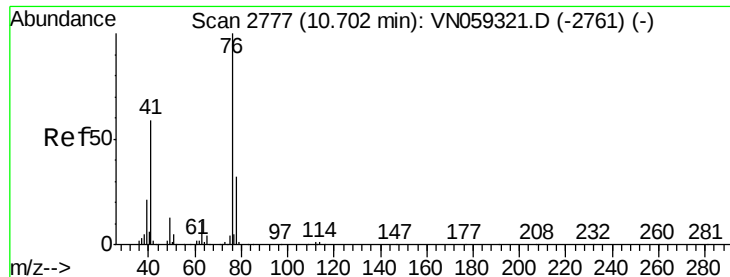


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 23.264 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

Instrument :

MSVOA_N

ClientSampleId :

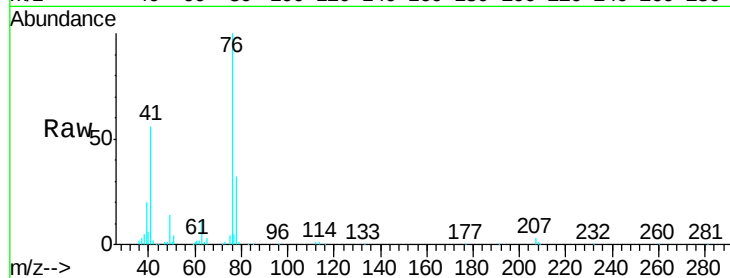
VN1122MBS01

Tgt Ion: 76 Resp: 143895

Ion Ratio Lower Upper

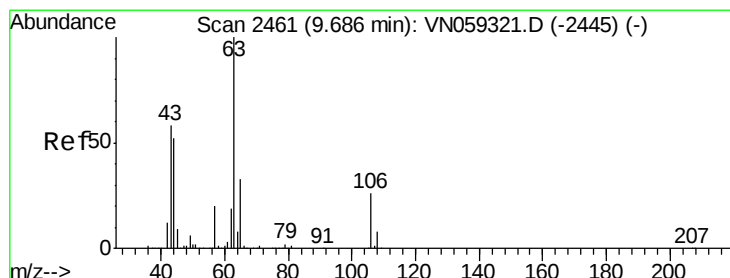
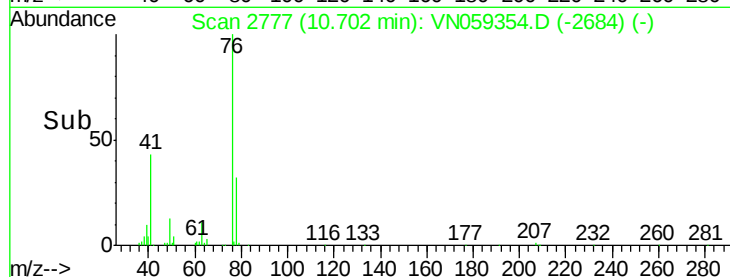
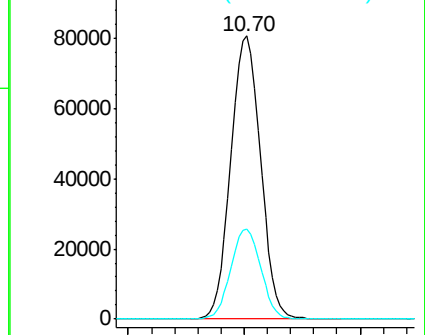
76 100

78 32.0 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 95.579 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059354.D

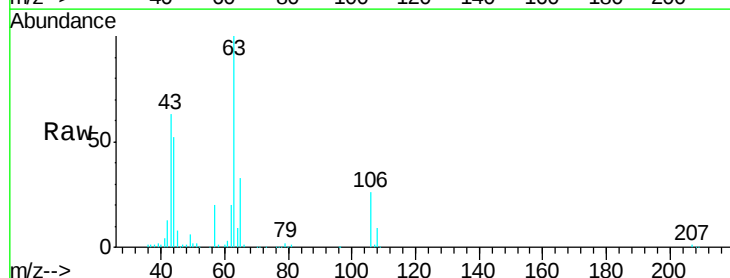
Acq: 22 Nov 2019 11:23

Tgt Ion: 63 Resp: 176210

Ion Ratio Lower Upper

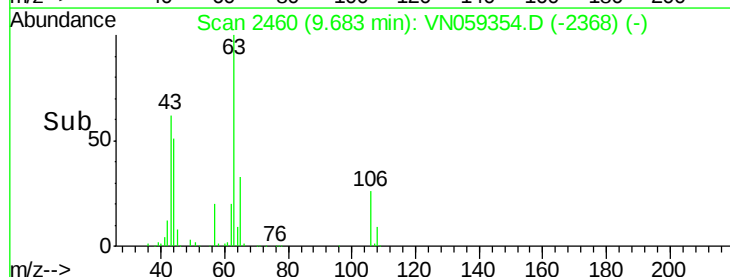
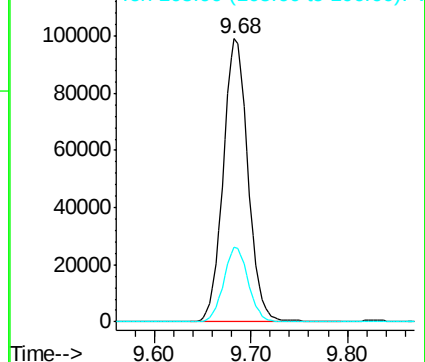
63 100

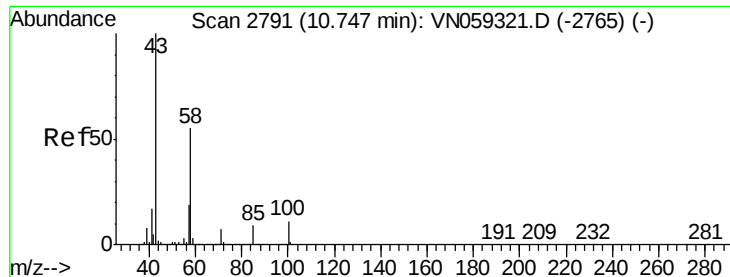
106 26.1 20.5 30.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

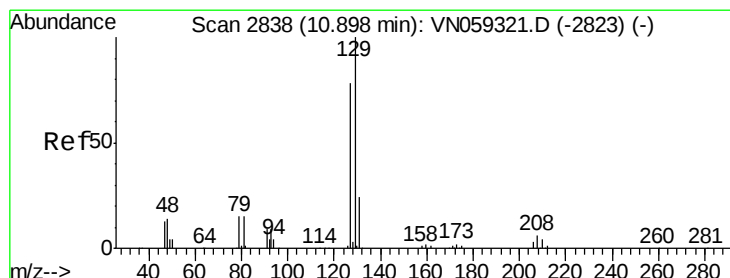
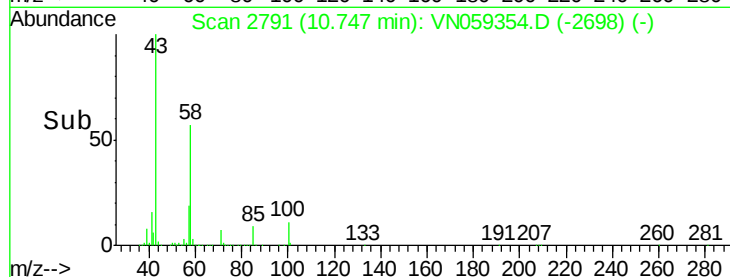
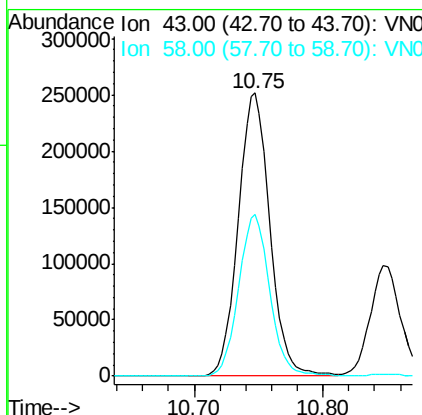
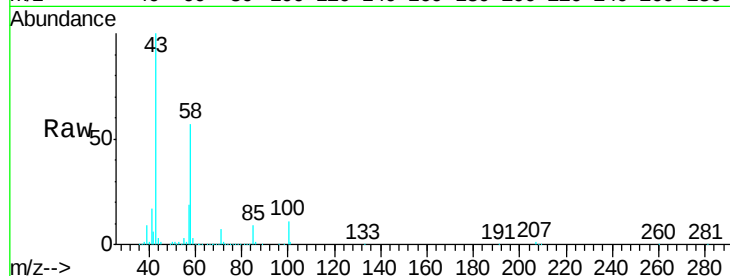




#59
2-Hexanone
Concen: 118.165 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

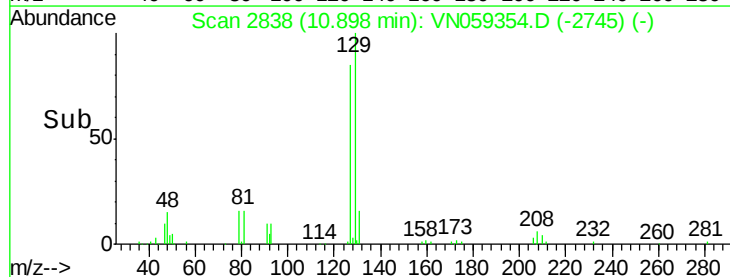
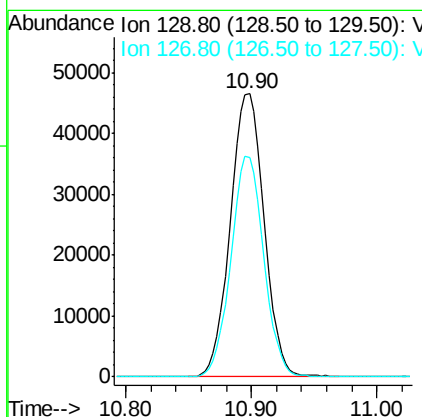
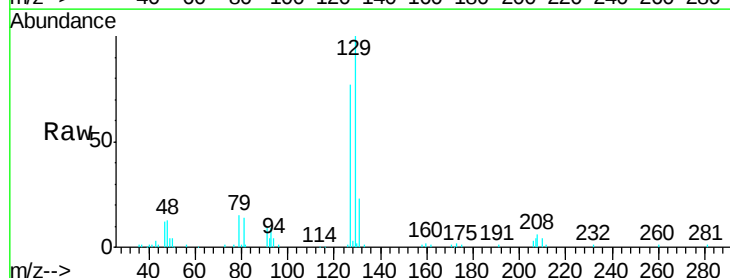
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

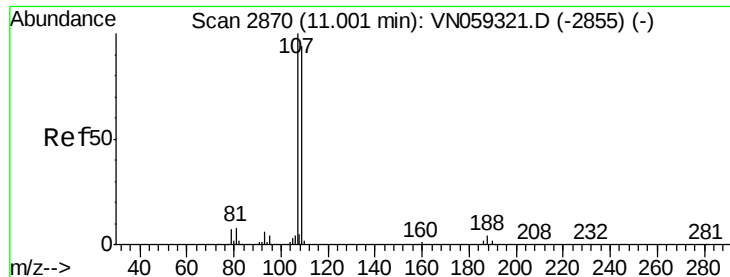
Tgt Ion: 43 Resp: 430239
Ion Ratio Lower Upper
43 100
58 56.2 27.7 83.0



#60
Dibromochloromethane
Concen: 23.321 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

Tgt Ion: 129 Resp: 87213
Ion Ratio Lower Upper
129 100
127 75.5 38.5 115.5

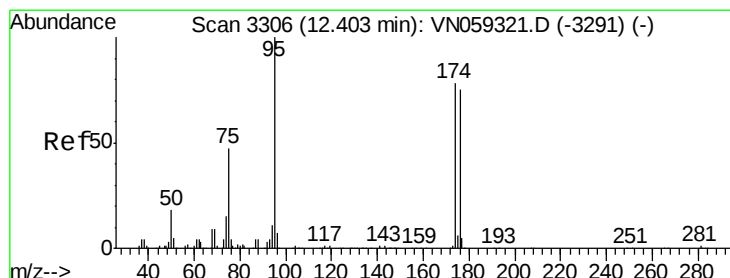
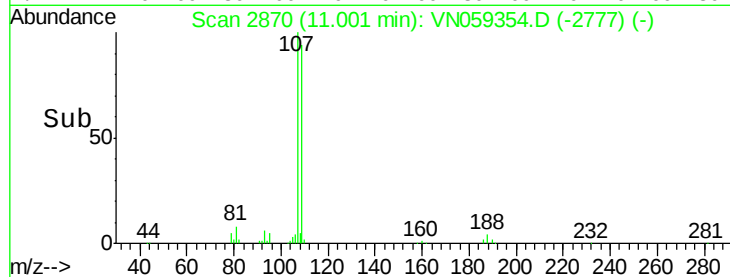
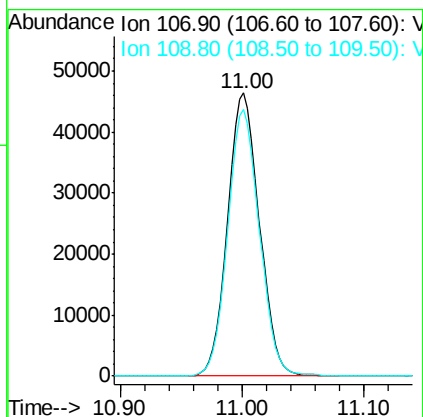
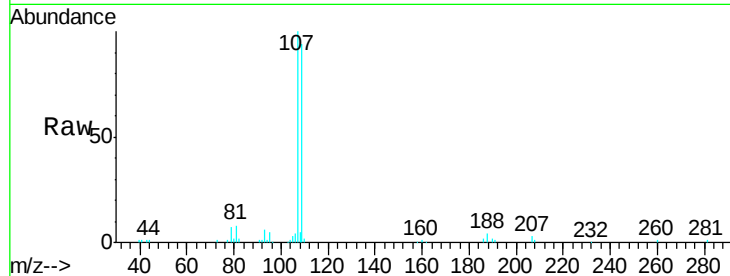




#61
 1,2-Dibromoethane
 Concen: 22.871 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059354.D
 Acq: 22 Nov 2019 11:23

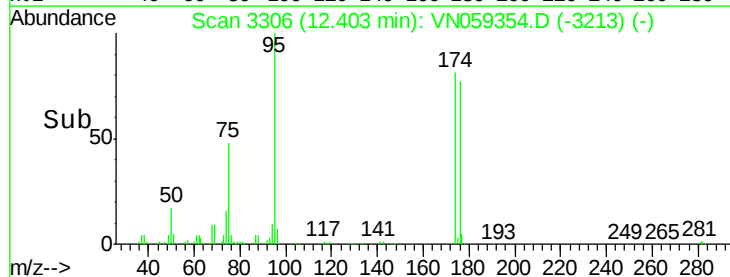
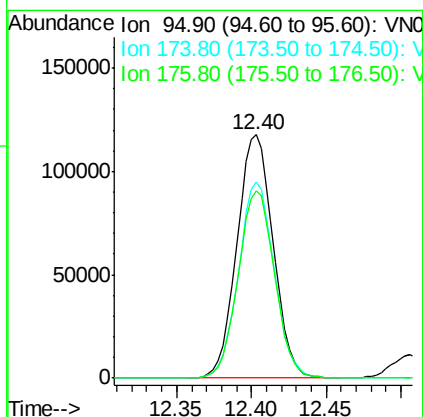
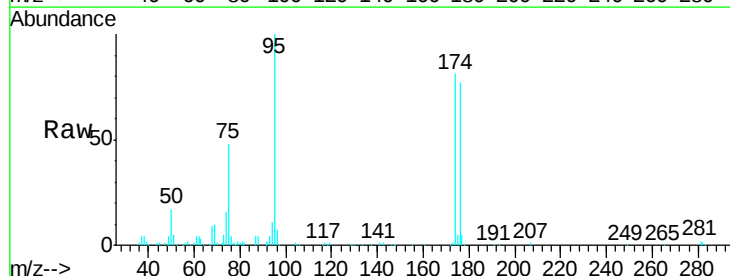
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122MBS01

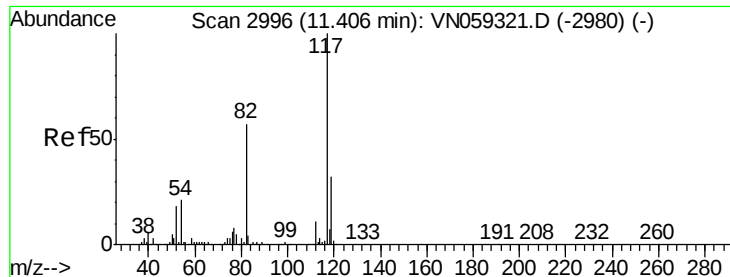
Tgt Ion: 107 Resp: 84454
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 47.400 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN059354.D
 Acq: 22 Nov 2019 11:23

Tgt Ion: 95 Resp: 198040
 Ion Ratio Lower Upper
 95 100
 174 79.8 0.0 157.4
 176 77.3 0.0 151.2

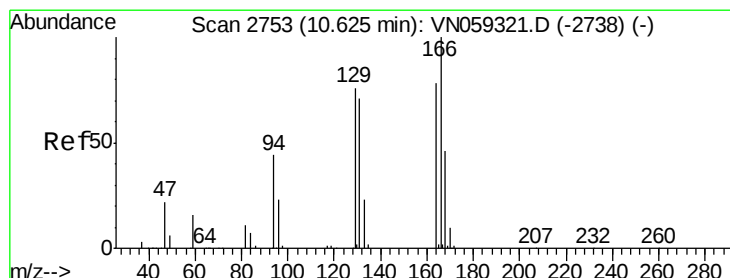
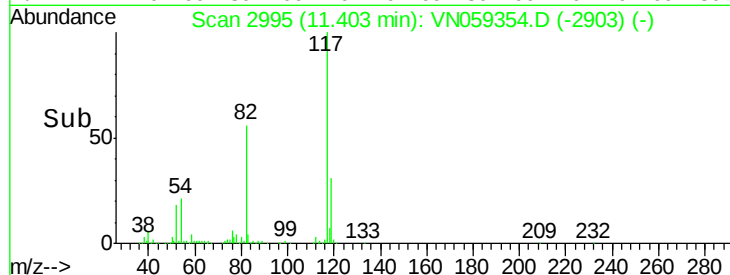
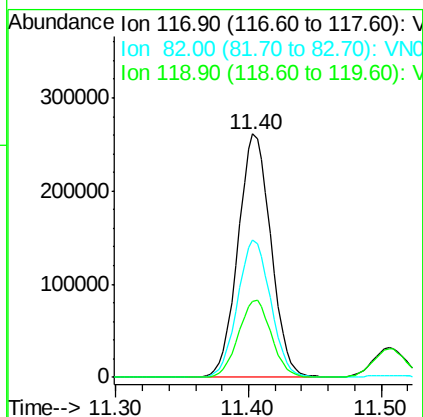
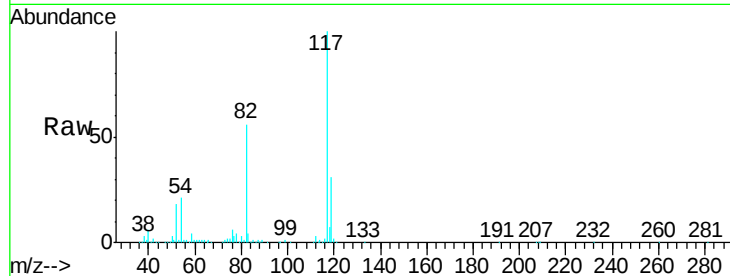




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

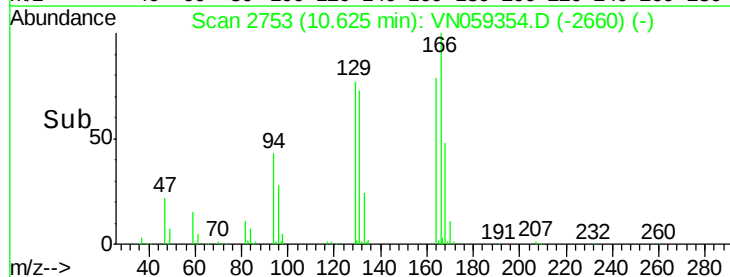
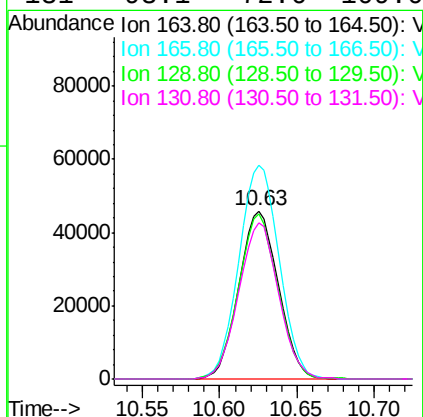
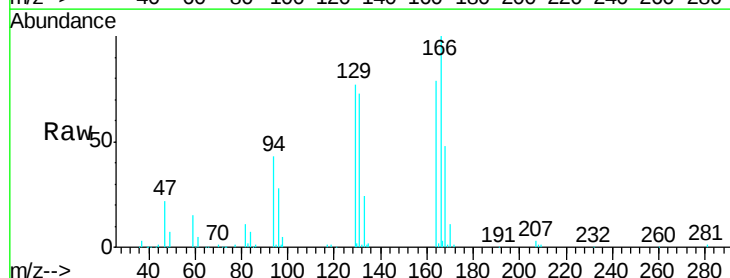
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

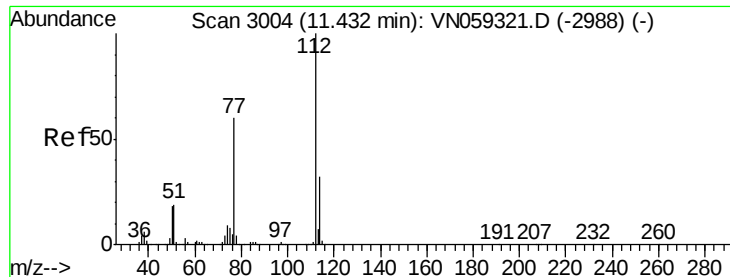
Tgt Ion:117 Resp: 450470
Ion Ratio Lower Upper
117 100
82 56.3 45.7 68.5
119 31.4 25.8 38.6



#64
Tetrachloroethene
Concen: 23.383 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

Tgt Ion:164 Resp: 81465
Ion Ratio Lower Upper
164 100
166 127.2 102.9 154.3
129 98.2 78.2 117.2
131 93.1 72.6 109.0

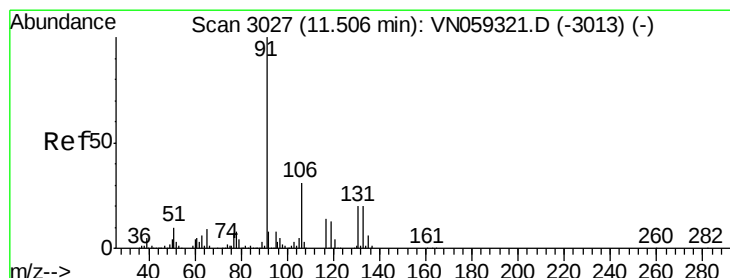
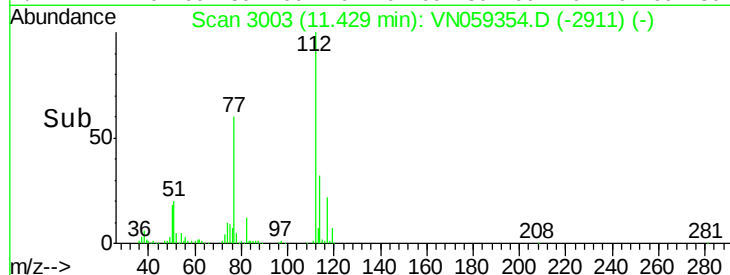
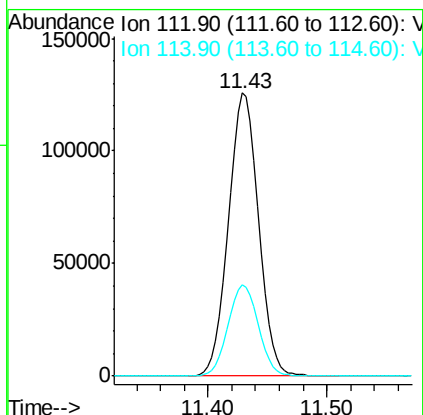
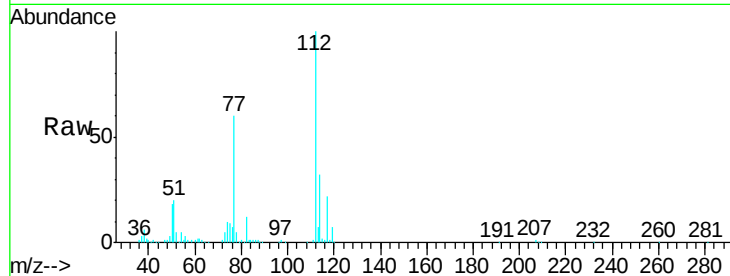




#65
Chlorobenzene
Concen: 22.757 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

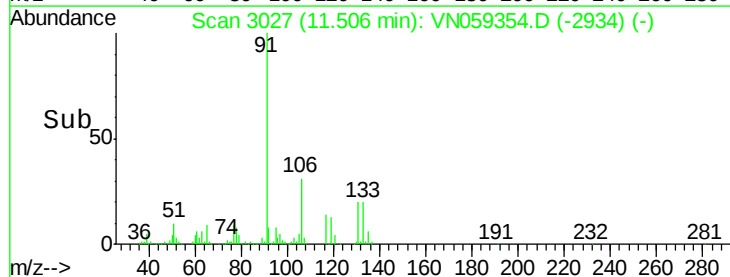
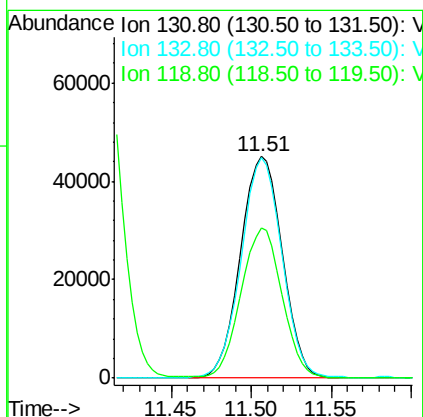
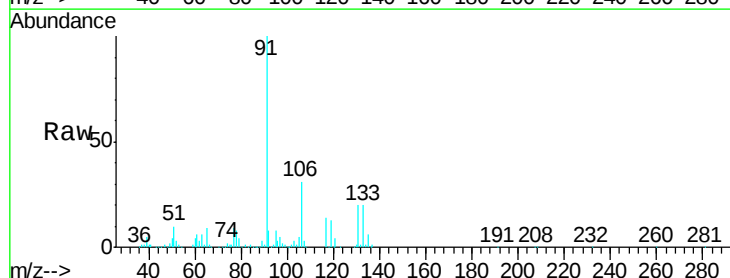
Instrument :
MSVOA_N
ClientSampled :
VN1122MBS01

Tgt Ion:112 Resp: 220424
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 22.854 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

Tgt Ion:131 Resp: 80420
Ion Ratio Lower Upper
131 100
133 97.4 48.2 144.6
119 66.7 33.6 100.6

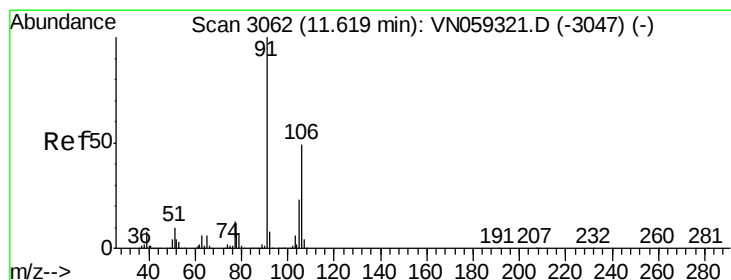
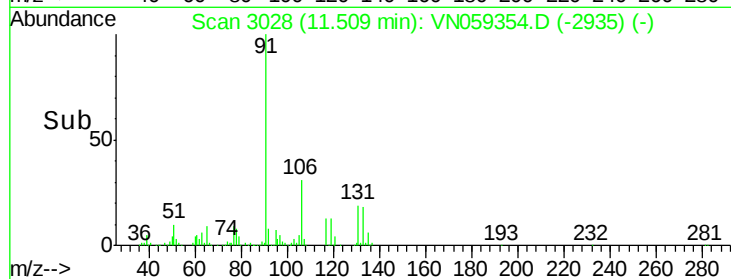
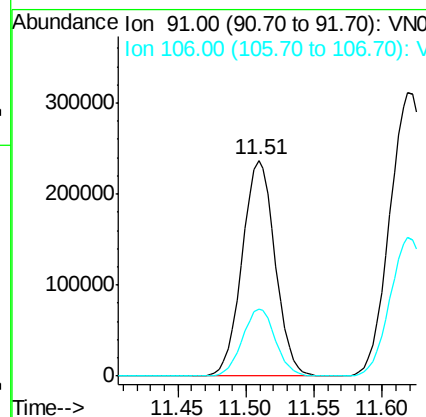
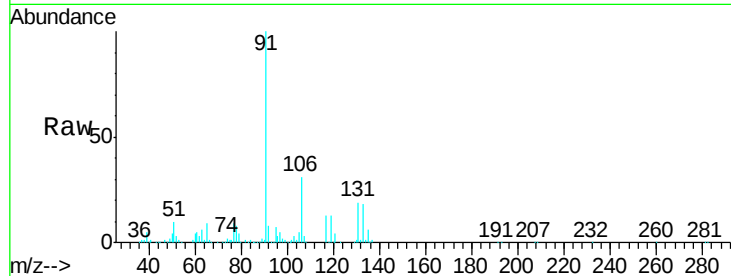




#67
Ethyl Benzene
Concen: 22.964 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

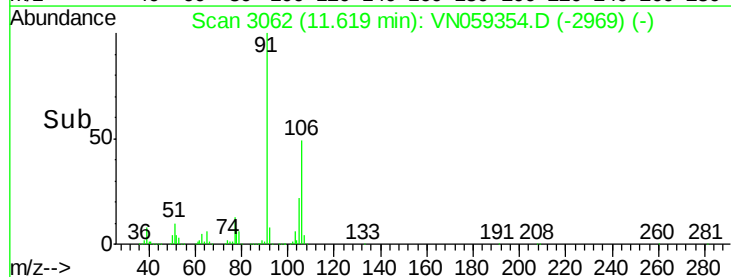
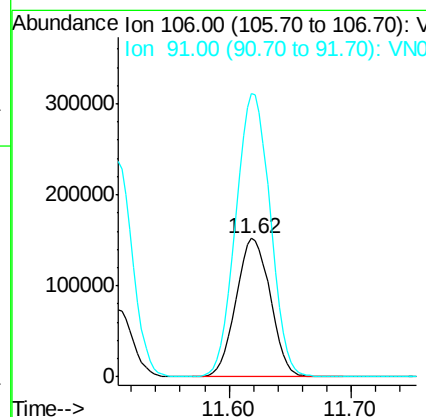
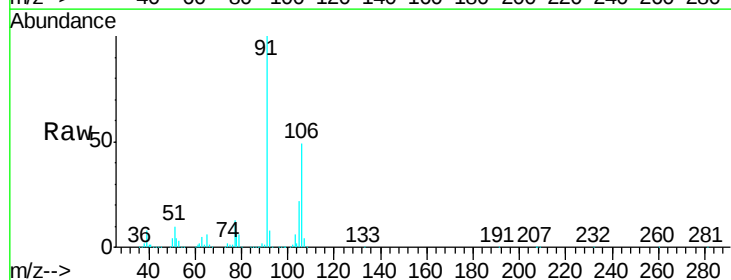
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

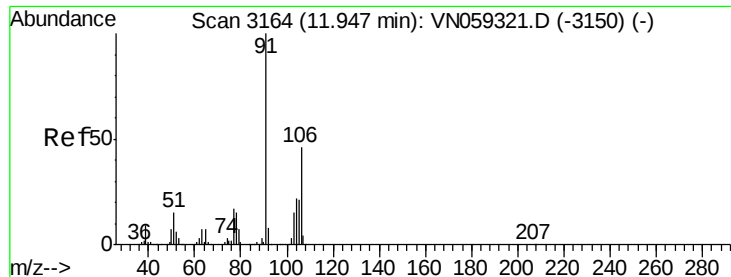
Tgt Ion: 91 Resp: 397144
Ion Ratio Lower Upper
91 100
106 31.3 24.6 37.0



#68
m/p-Xylenes
Concen: 46.239 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

Tgt Ion: 106 Resp: 297143
Ion Ratio Lower Upper
106 100
91 205.2 163.2 244.8

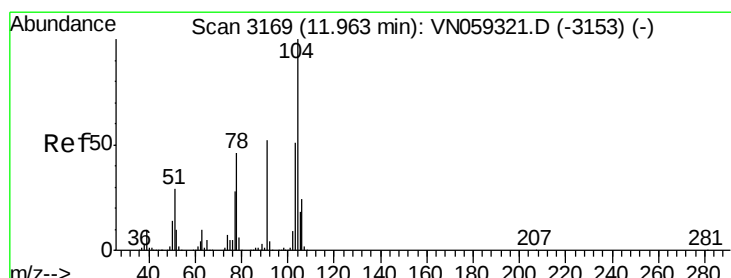
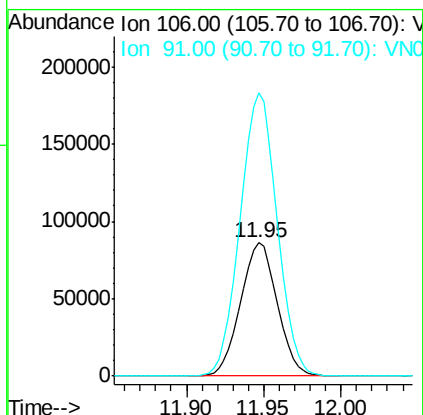
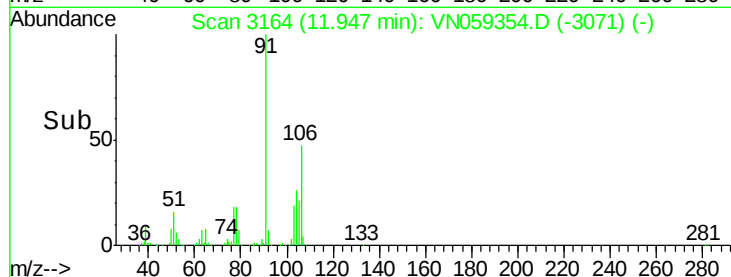
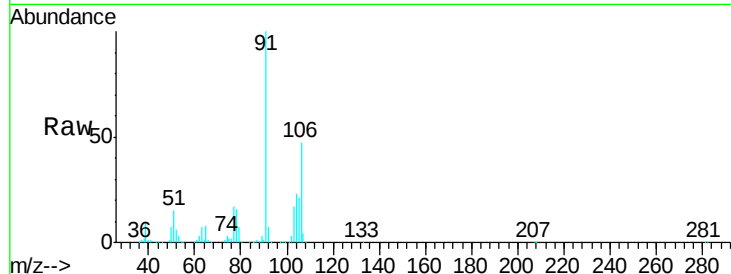




#69
o-Xylene
Concen: 23.183 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

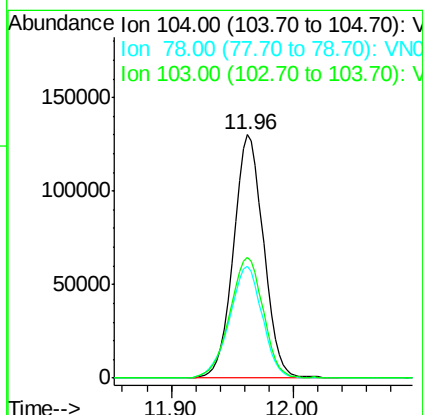
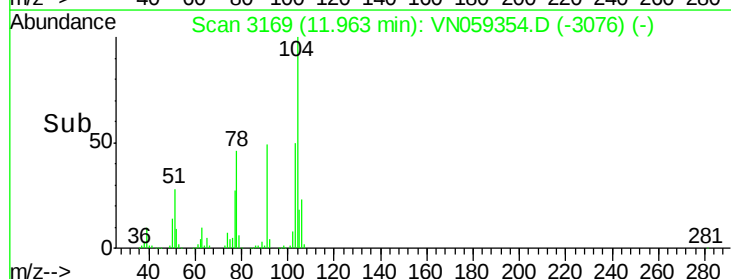
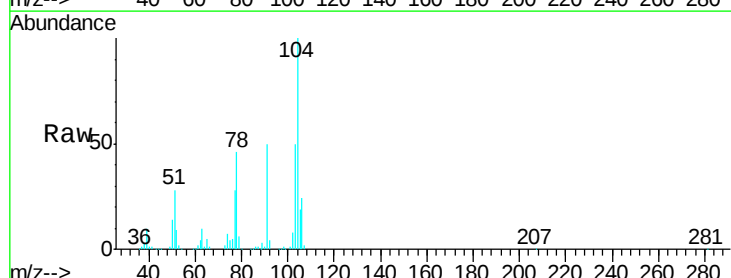
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

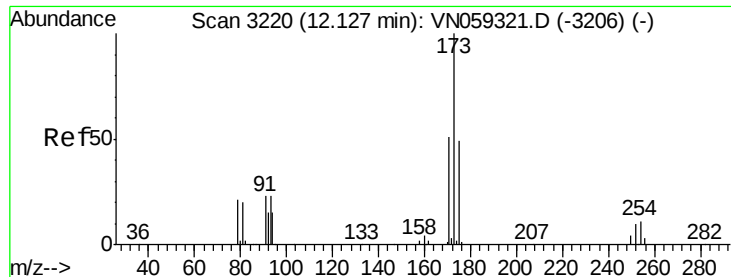
Tgt Ion:106 Resp: 142625
Ion Ratio Lower Upper
106 100
91 214.0 109.3 327.9



#70
Styrene
Concen: 22.929 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

Tgt Ion:104 Resp: 222583
Ion Ratio Lower Upper
104 100
78 50.6 40.3 60.5
103 55.3 43.6 65.4





#71

Bromoform

Concen: 22.489 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

Instrument :

MSVOA_N

ClientSampled :

VN1122MBS01

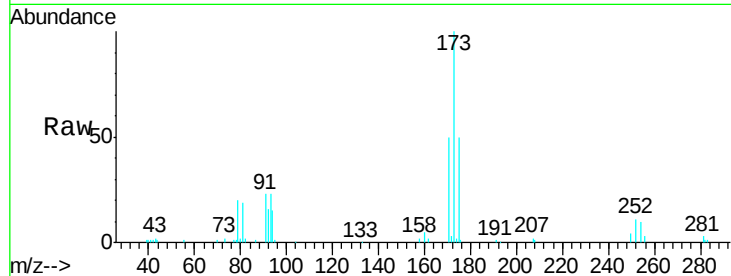
Tgt Ion:173 Resp: 59931

Ion Ratio Lower Upper

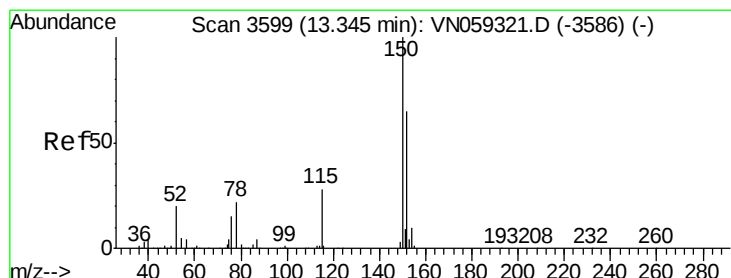
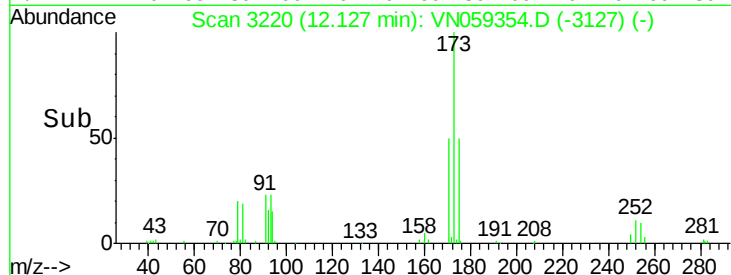
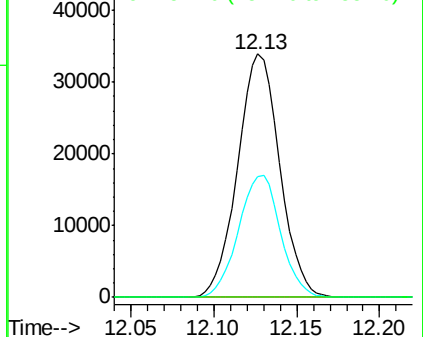
173 100

175 49.9 24.6 73.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

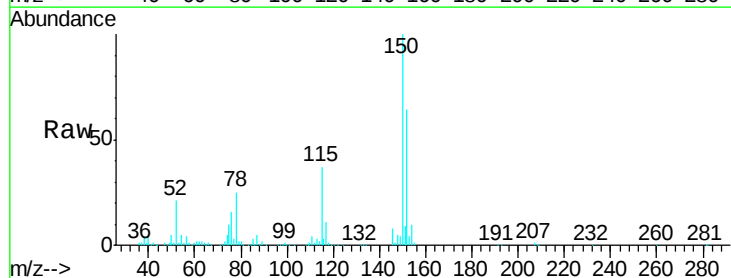
Tgt Ion:152 Resp: 205031

Ion Ratio Lower Upper

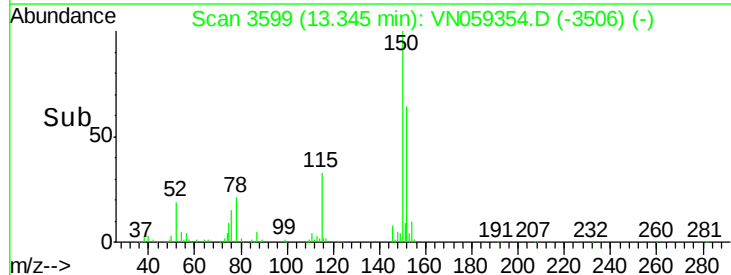
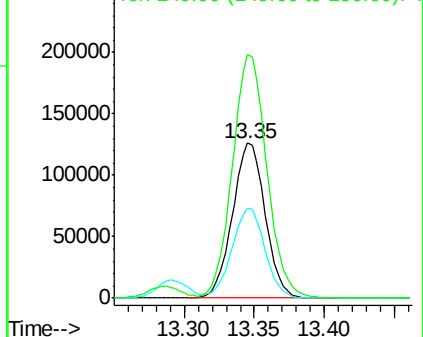
152 100

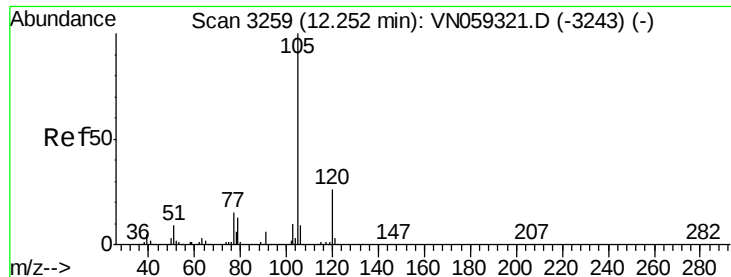
115 58.9 29.3 88.0

150 165.3 0.0 346.0



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: 22.816 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

Instrument :

MSVOA_N

ClientSampled :

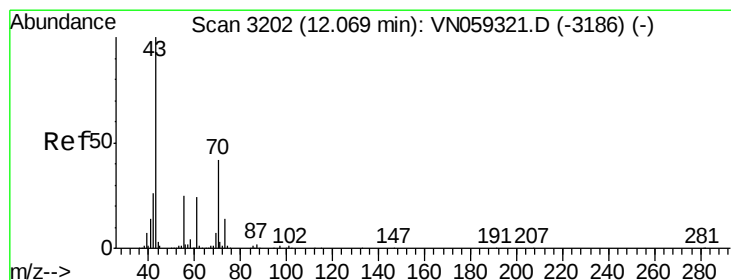
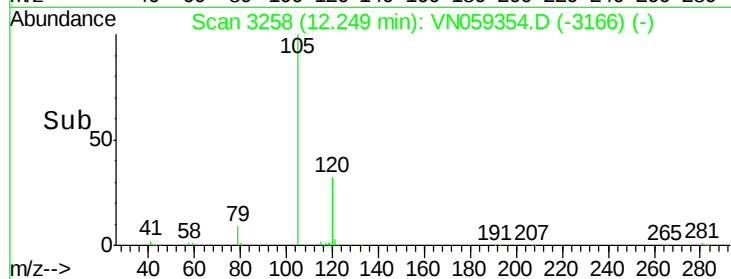
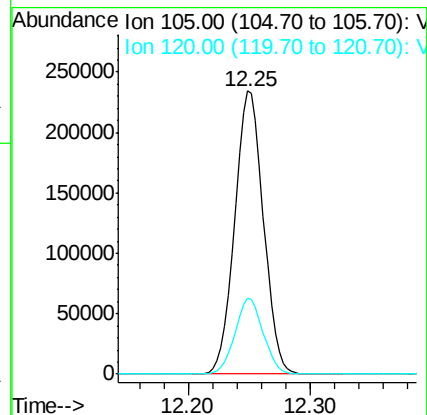
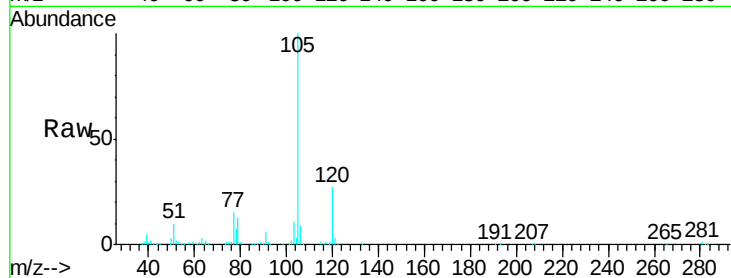
VN1122MBS01

Tgt Ion: 105 Resp: 383213

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.3



#74

N-ethyl acetate

Concen: 20.993 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

Tgt Ion: 43 Resp: 141703

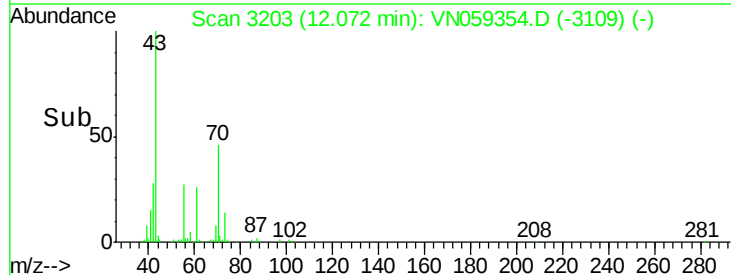
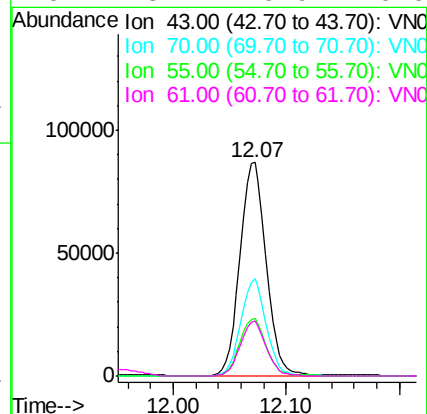
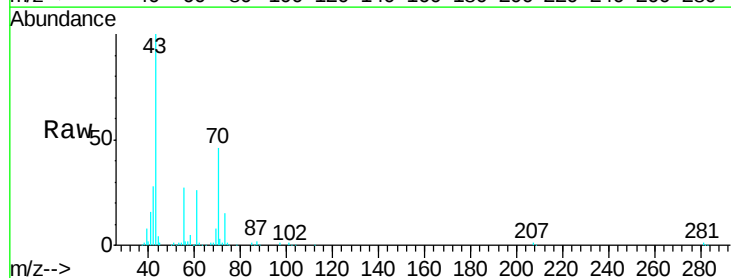
Ion Ratio Lower Upper

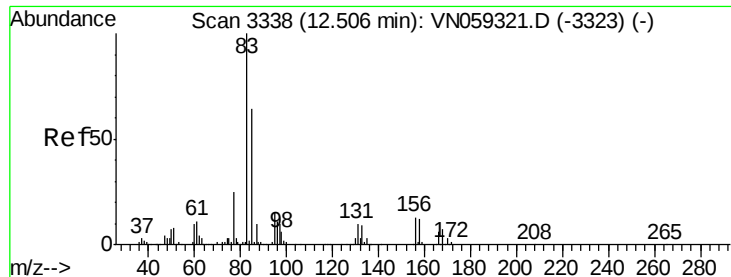
43 100

70 43.9 33.8 50.6

55 27.1 20.3 30.5

61 25.1 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.613 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBS01

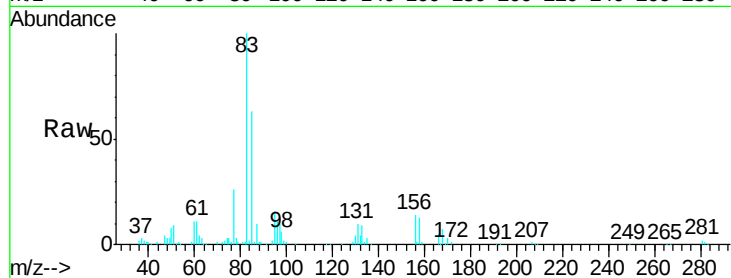
Tgt Ion: 83 Resp: 120081

Ion Ratio Lower Upper

83 100

131 9.7 5.0 14.9

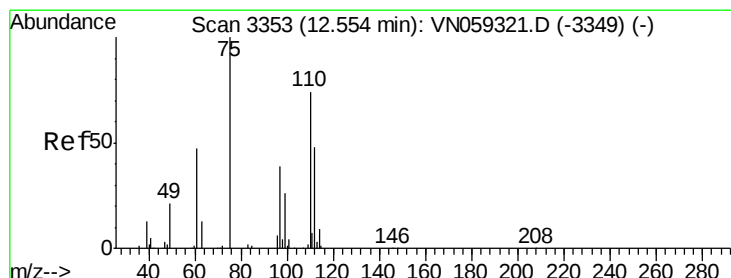
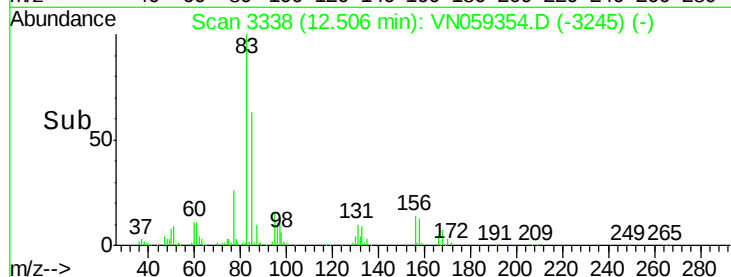
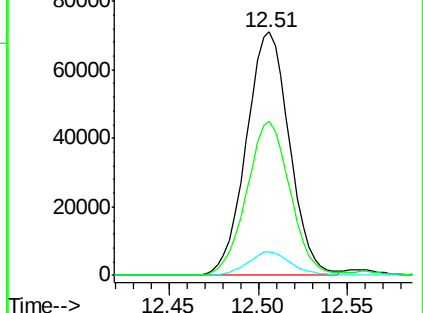
85 63.6 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 33.830 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059354.D

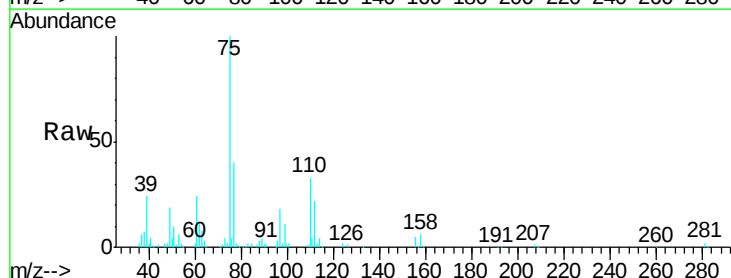
Acq: 22 Nov 2019 11:23

Tgt Ion: 75 Resp: 160245

Ion Ratio Lower Upper

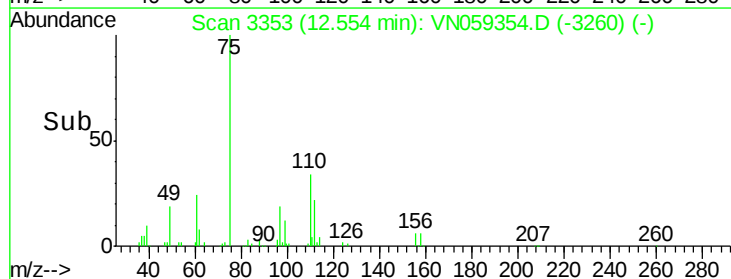
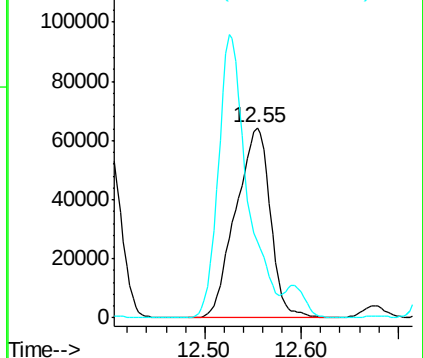
75 100

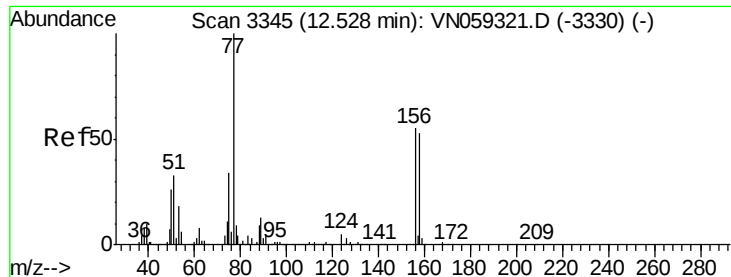
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 22.464 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBS01

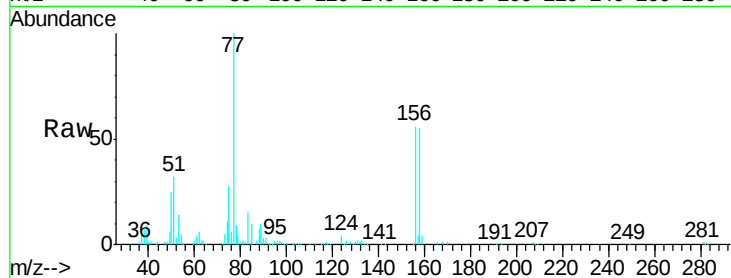
Tgt Ion:156 Resp: 91515

Ion Ratio Lower Upper

156 100

77 217.5 111.1 333.4

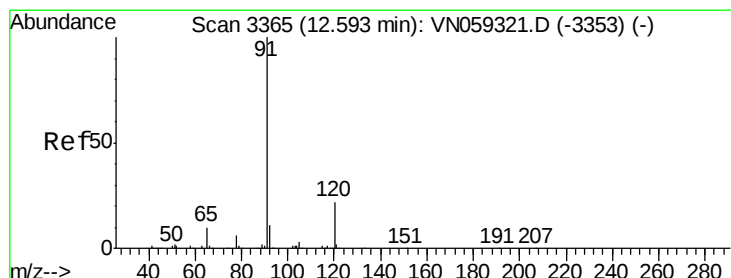
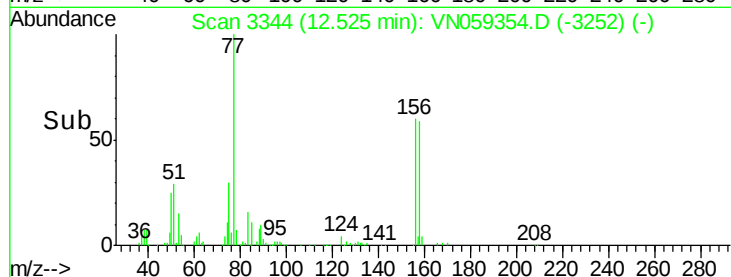
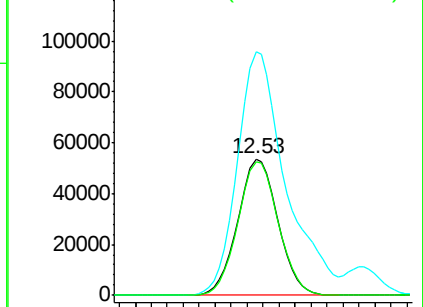
158 98.5 47.8 143.4



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: 23.143 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059354.D

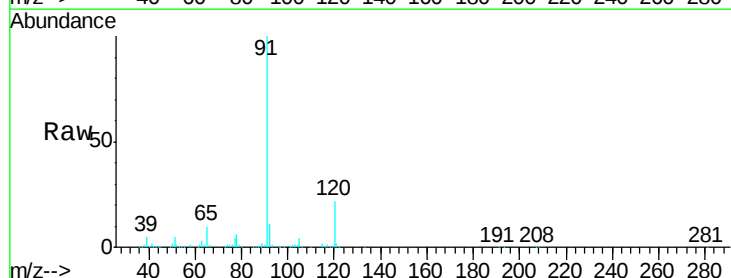
Acq: 22 Nov 2019 11:23

Tgt Ion: 91 Resp: 440296

Ion Ratio Lower Upper

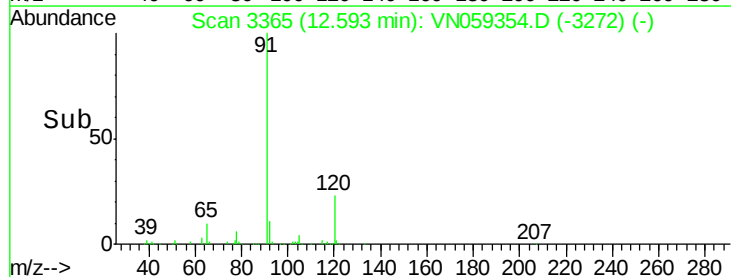
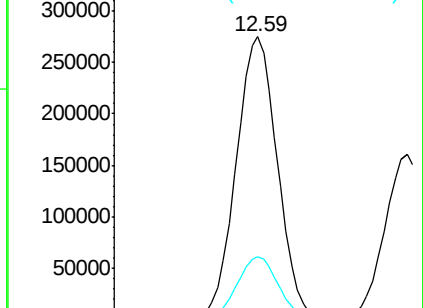
91 100

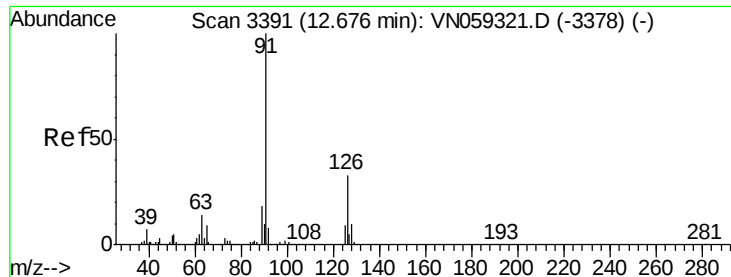
120 22.6 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

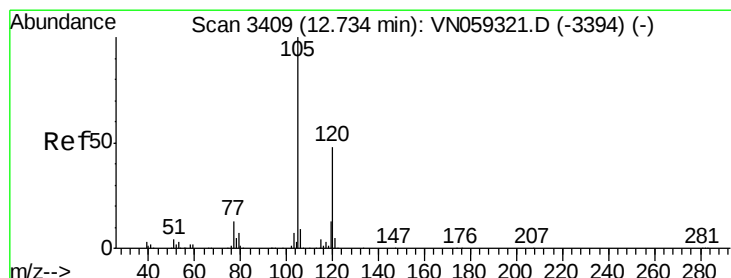
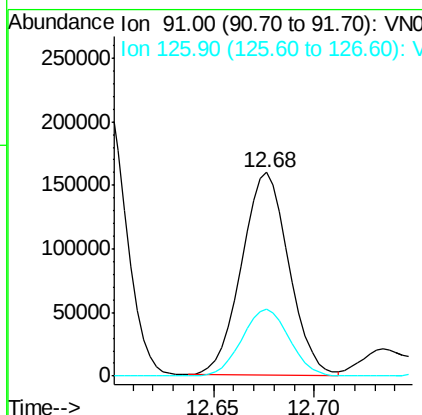
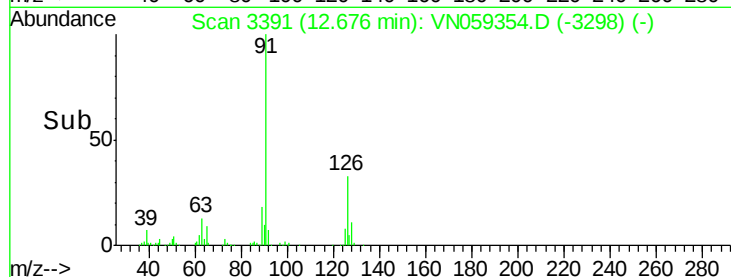
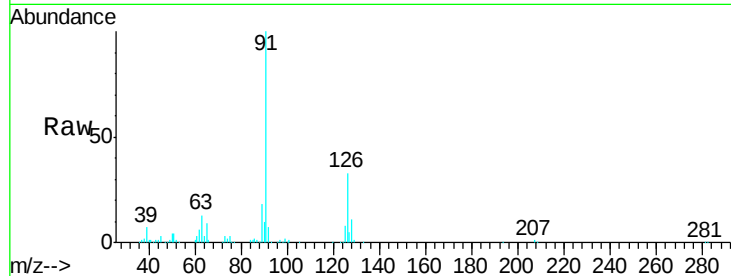




#79
 2-Chlorotoluene
 Concen: 22.394 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN059354.D
 Acq: 22 Nov 2019 11:23

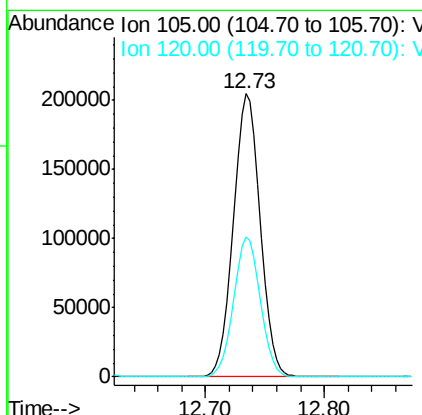
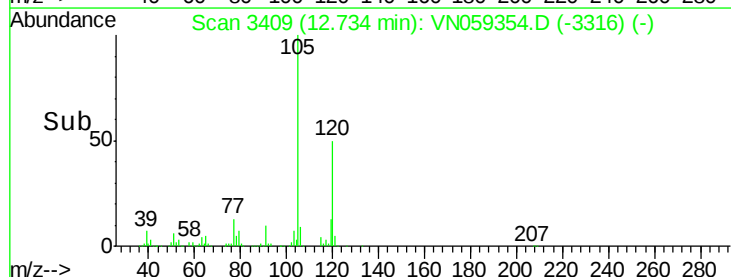
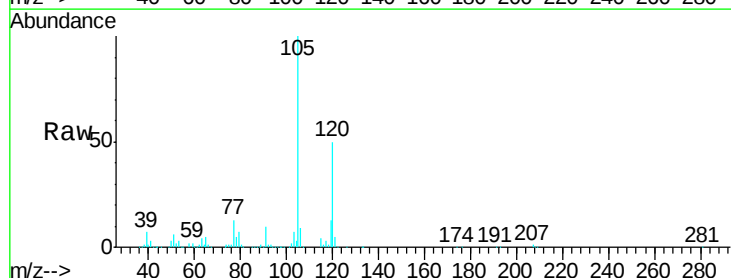
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122MBS01

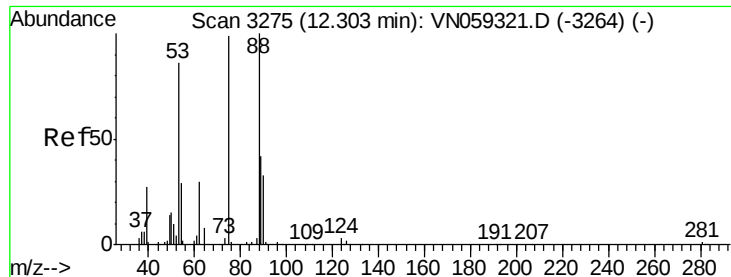
Tgt Ion: 91 Resp: 261518
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.7 50.1



#80
 1,3,5-Trimethylbenzene
 Concen: 22.574 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN059354.D
 Acq: 22 Nov 2019 11:23

Tgt Ion: 105 Resp: 318719
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 22.477 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBS01

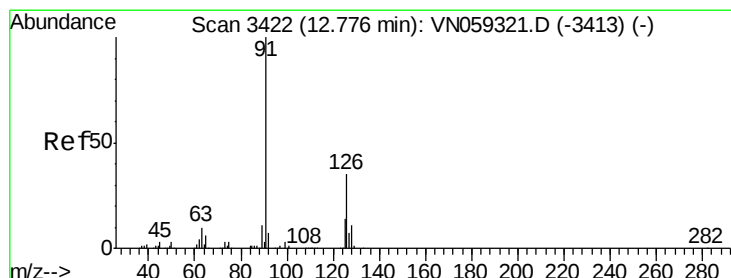
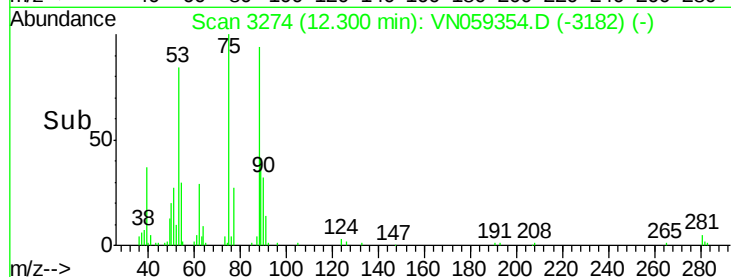
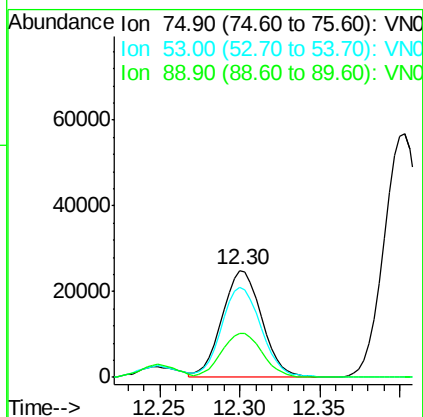
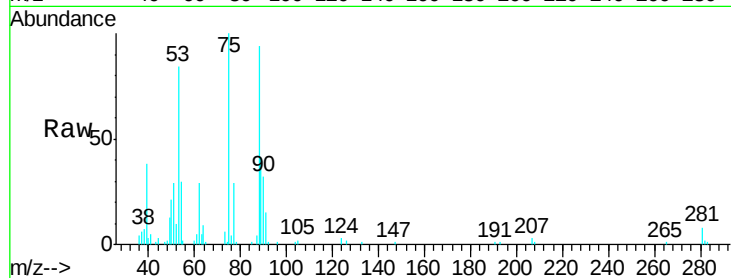
Tgt Ion: 75 Resp: 42567

Ion Ratio Lower Upper

75 100

53 83.9 70.7 106.1

89 42.3 35.4 53.0



#82

4-Chlorotoluene

Concen: 21.943 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN059354.D

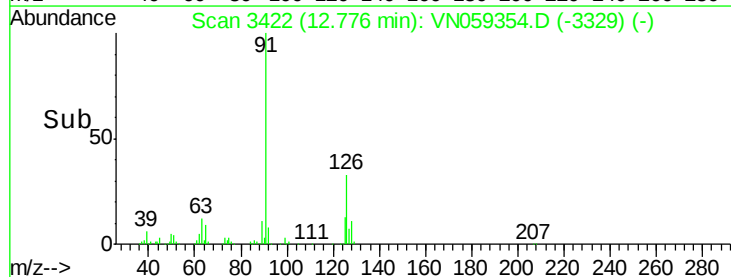
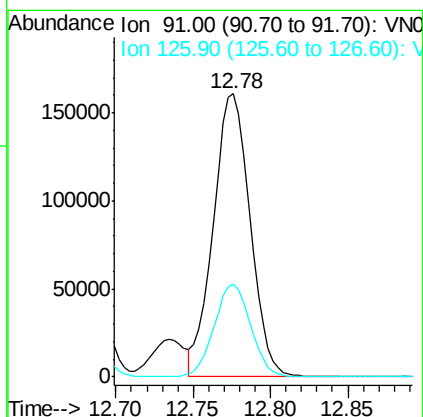
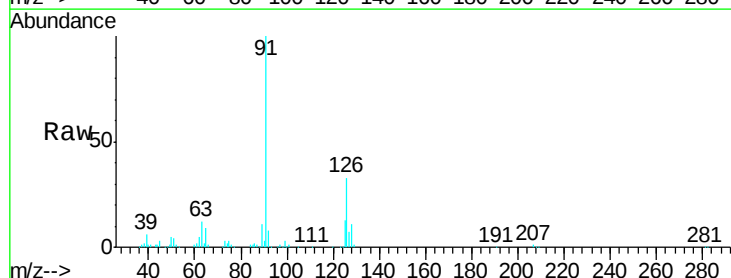
Acq: 22 Nov 2019 11:23

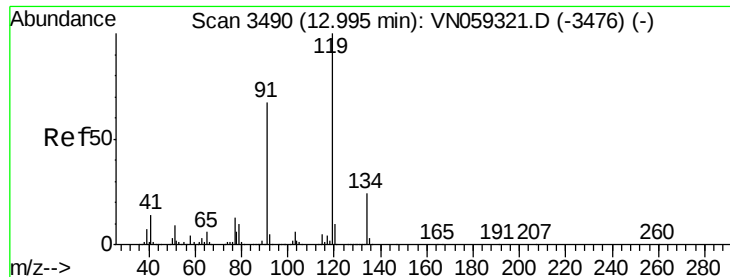
Tgt Ion: 91 Resp: 265164

Ion Ratio Lower Upper

91 100

126 32.5 16.2 48.6

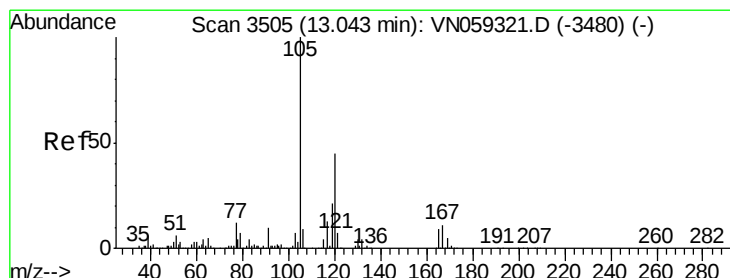
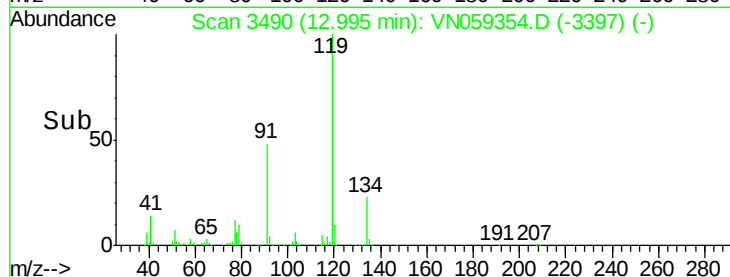
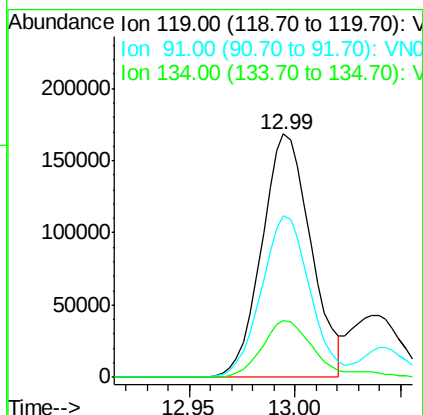
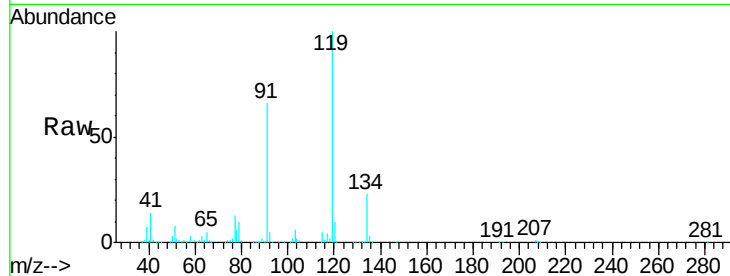




#83
 tert-Butylbenzene
 Concen: 22.865 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN059354.D
 Acq: 22 Nov 2019 11:23

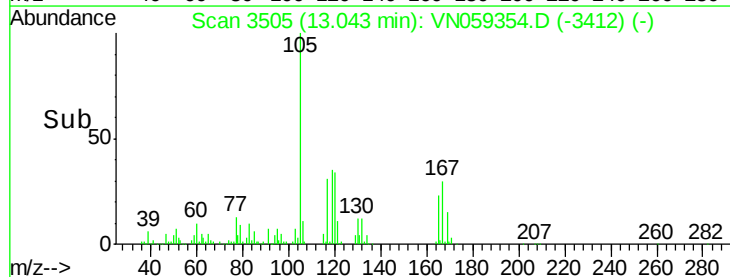
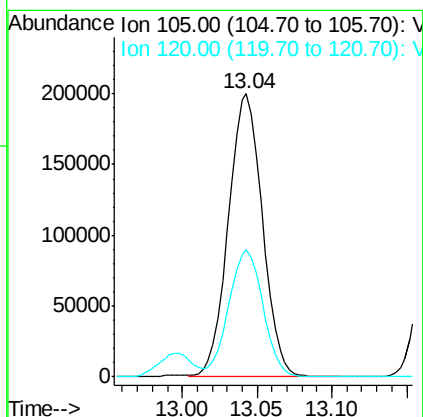
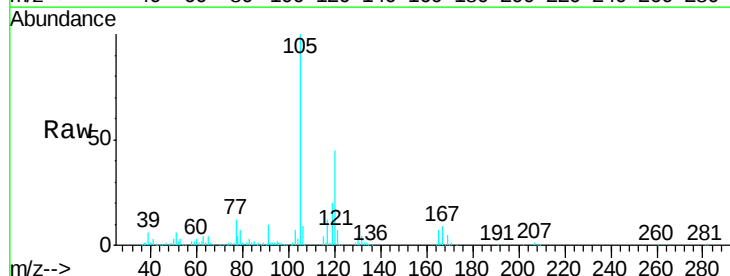
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122MBS01

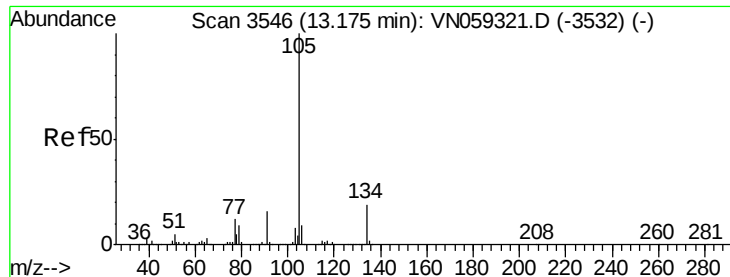
Tgt Ion:119 Resp: 272657
 Ion Ratio Lower Upper
 119 100
 91 65.4 32.8 98.4
 134 23.7 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 22.810 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059354.D
 Acq: 22 Nov 2019 11:23

Tgt Ion:105 Resp: 315479
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.6 67.8





#85

sec-Butylbenzene

Concen: 22.755 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

Instrument :

MSVOA_N

ClientSampled :

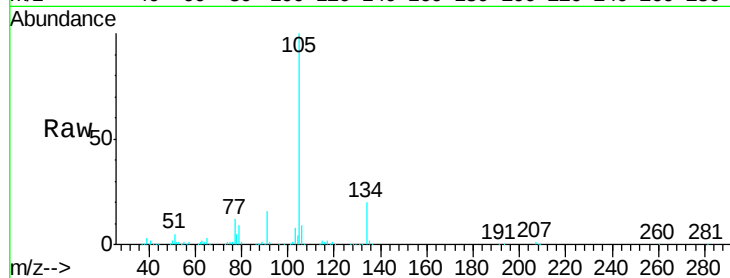
VN1122MBS01

Tgt Ion:105 Resp: 364698

Ion Ratio Lower Upper

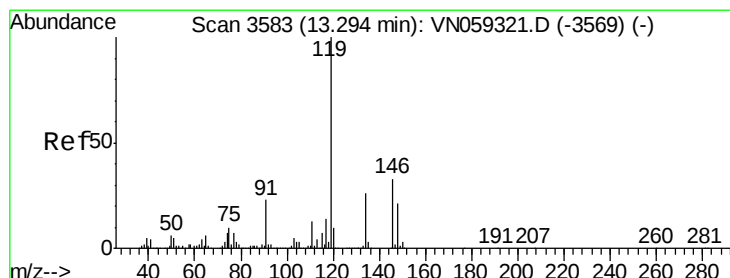
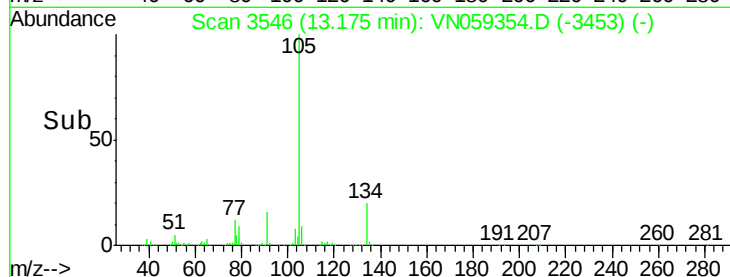
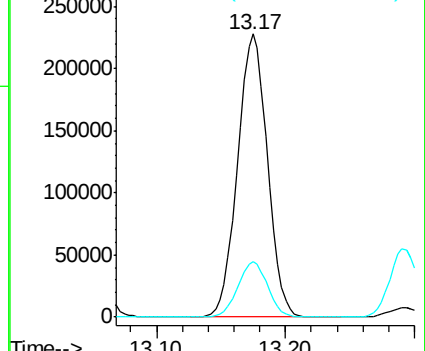
105 100

134 19.5 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.927 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

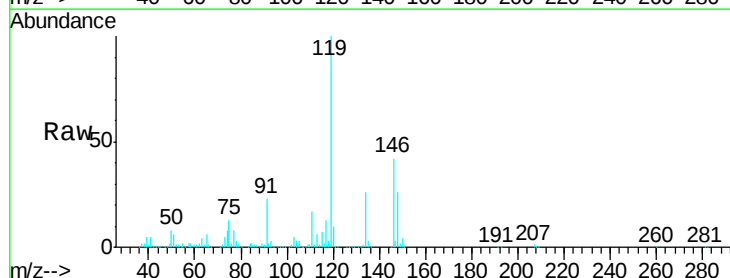
Tgt Ion:119 Resp: 326984

Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

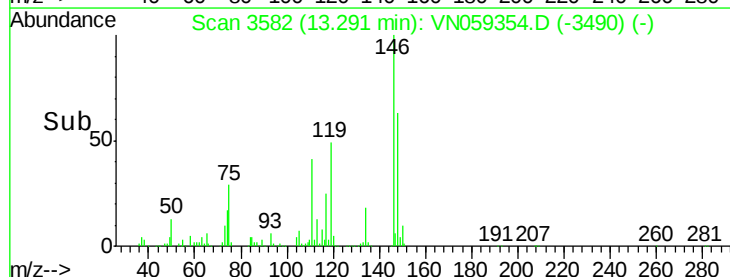
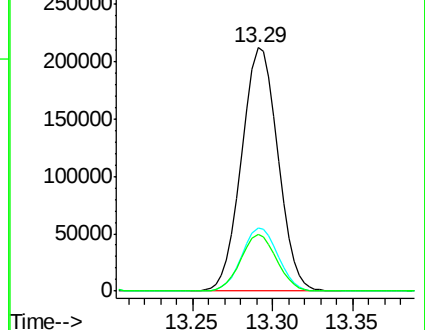
91 22.9 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 22.166 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBS01

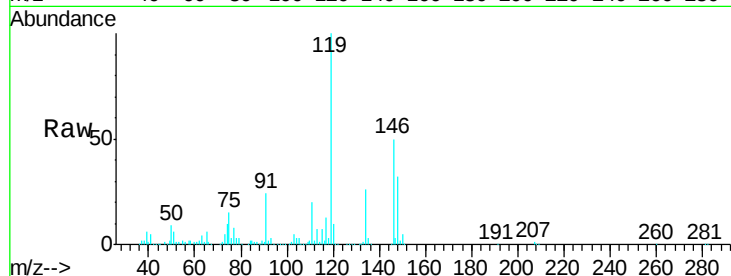
Tgt Ion:146 Resp: 160809

Ion Ratio Lower Upper

146 100

111 40.6 20.6 61.8

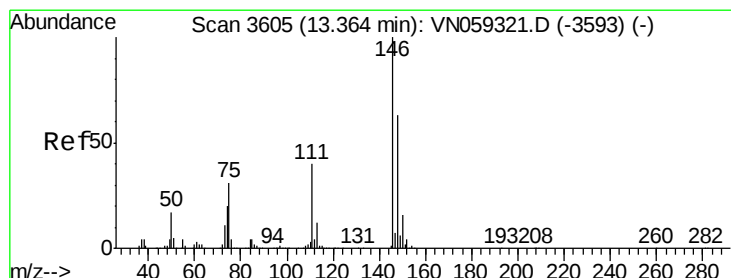
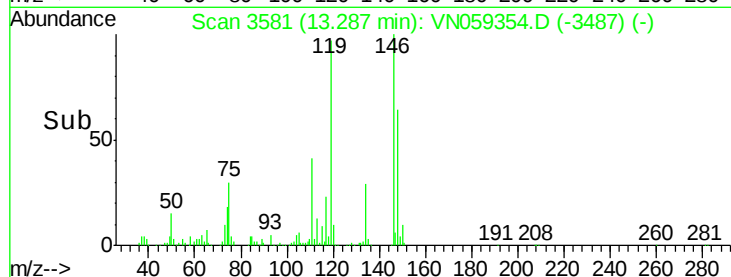
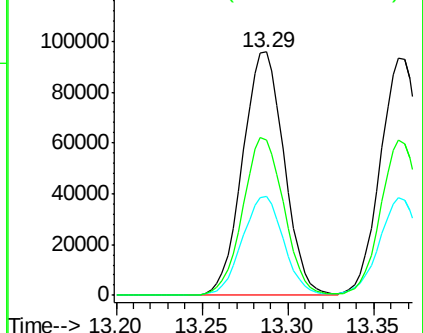
148 64.1 31.9 95.5



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: 21.956 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

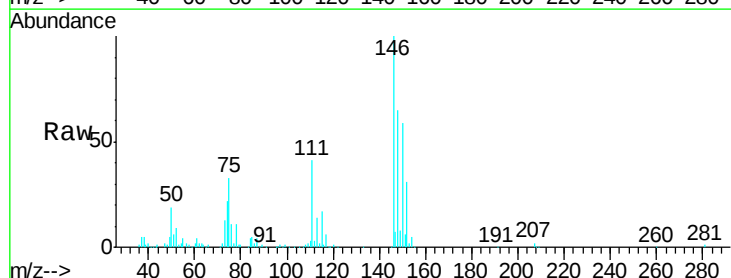
Tgt Ion:146 Resp: 157603

Ion Ratio Lower Upper

146 100

111 41.3 20.1 60.3

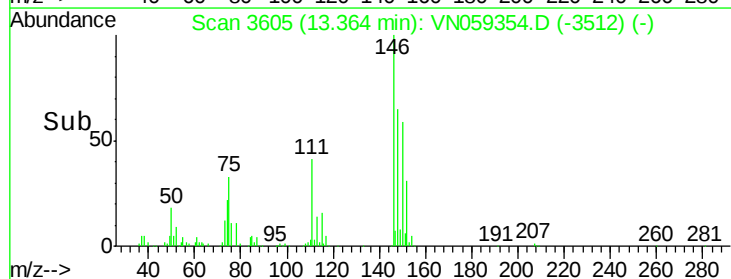
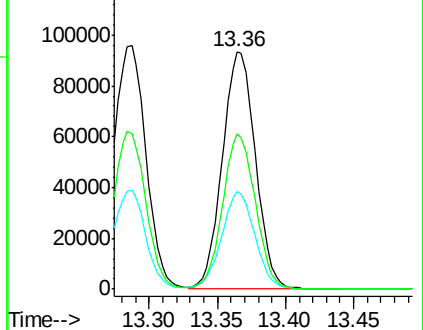
148 64.6 31.7 95.1

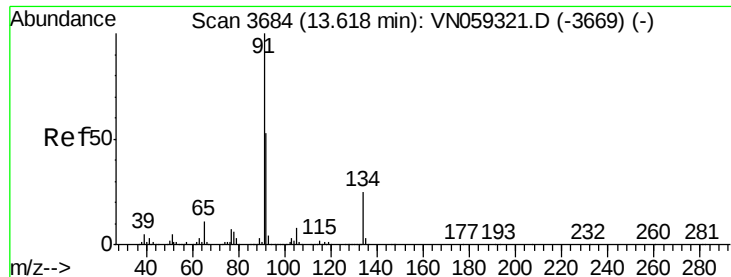


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

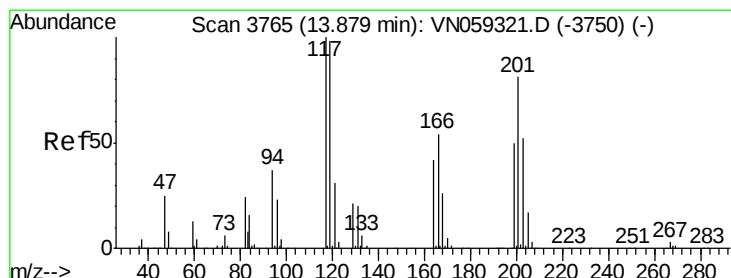
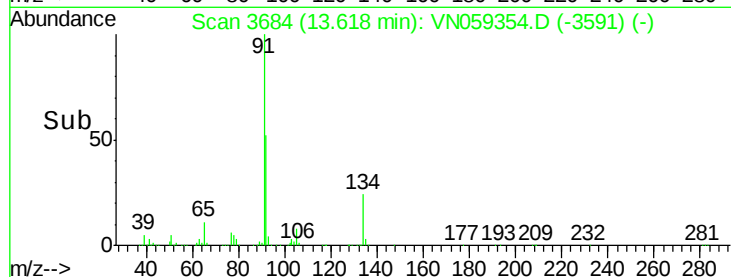
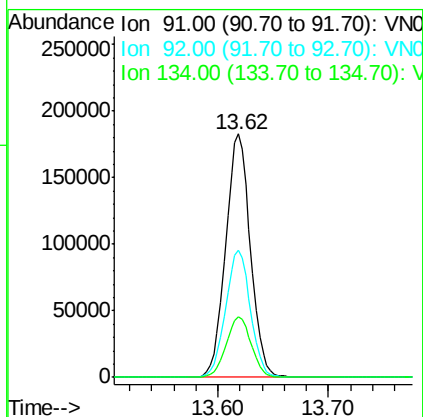
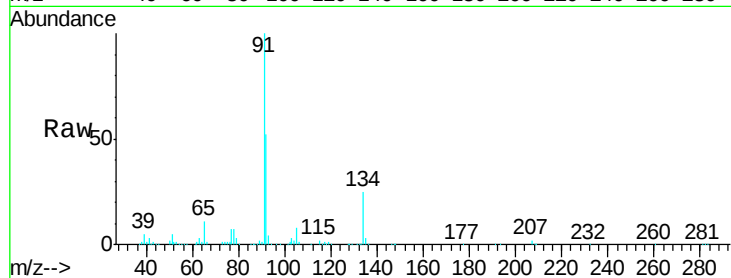




#89
n-Butylbenzene
Concen: 22.697 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

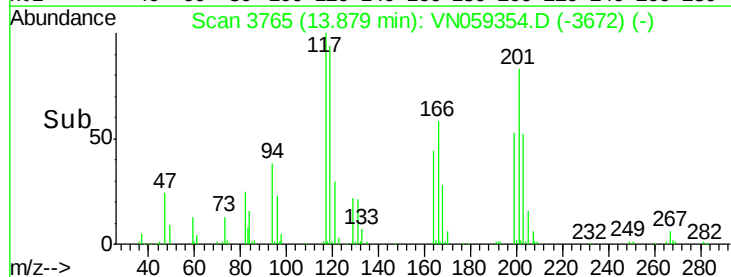
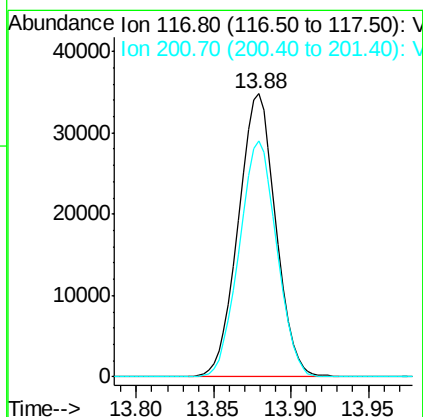
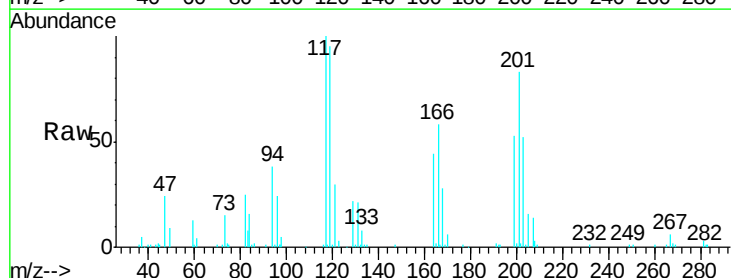
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

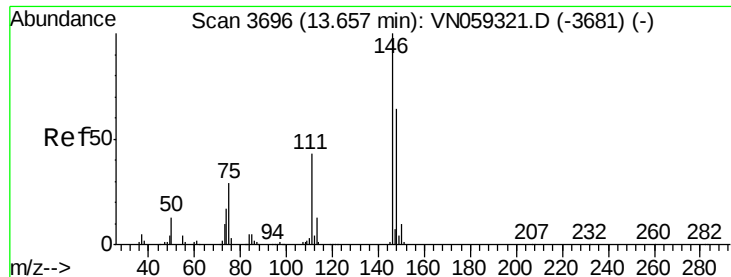
Tgt Ion: 91 Resp: 283968
Ion Ratio Lower Upper
91 100
92 52.4 26.0 78.0
134 25.3 12.7 38.1



#90
Hexachloroethane
Concen: 21.748 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

Tgt Ion: 117 Resp: 58740
Ion Ratio Lower Upper
117 100
201 83.2 40.4 121.2





#91

1,2-Dichlorobenzene

Concen: 22.387 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059354.D

Acq: 22 Nov 2019 11:23

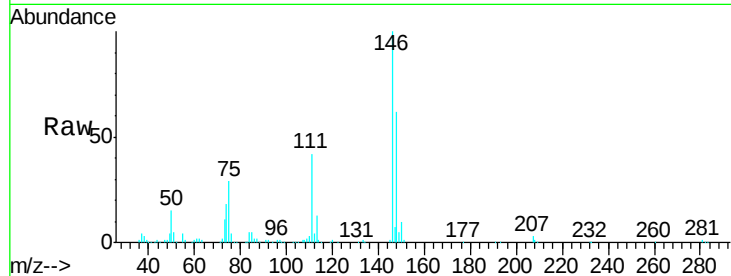
Instrument :

MSVOA_N

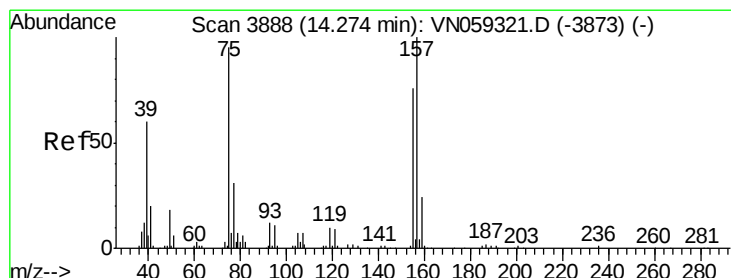
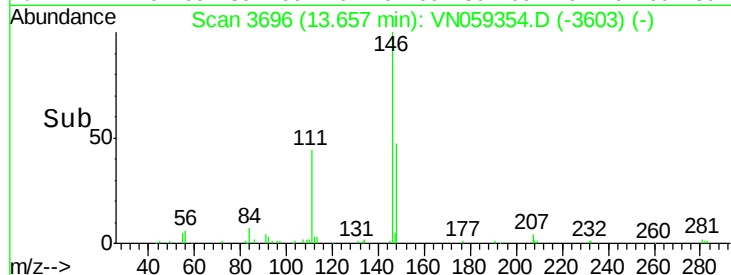
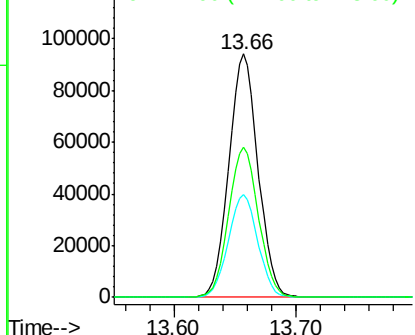
ClientSampleId :

VN1122MBS01

Tgt Ion:	146	Resp:	157141
Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.3	64.0
148	62.9	31.9	95.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.813 ug/l

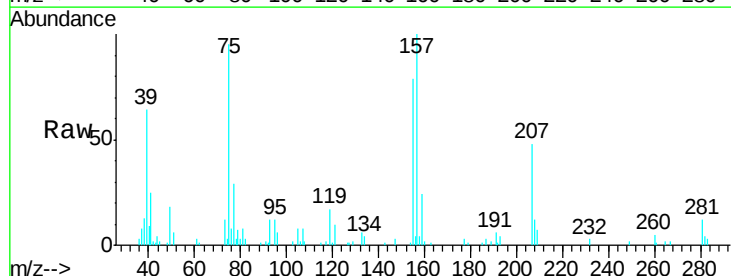
RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

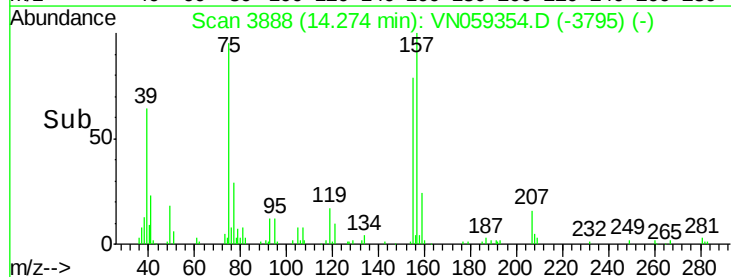
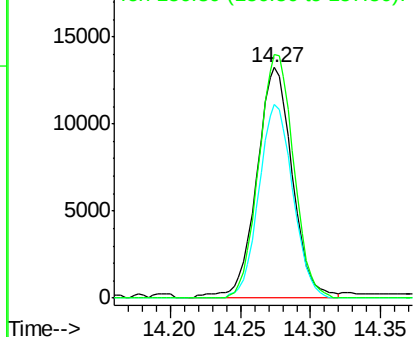
Lab File: VN059354.D

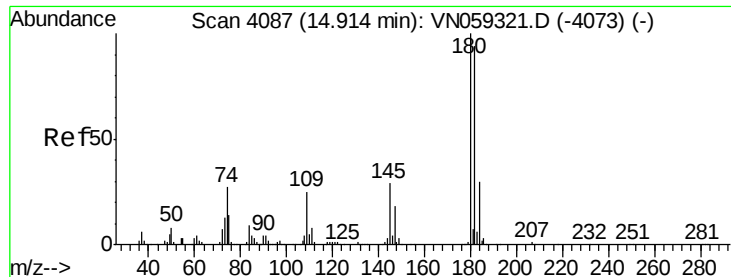
Acq: 22 Nov 2019 11:23

Tgt Ion:	75	Resp:	23404
Ion	Ratio	Lower	Upper
75	100		
155	79.7	40.5	121.5
157	102.6	52.7	158.1



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

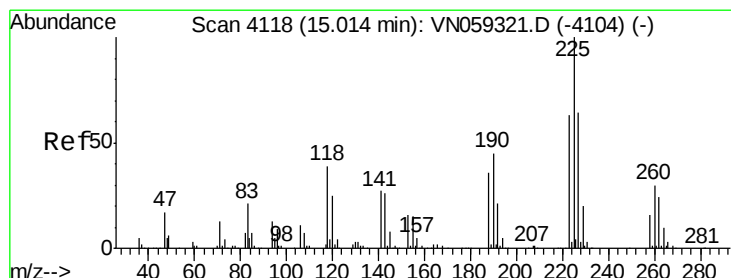
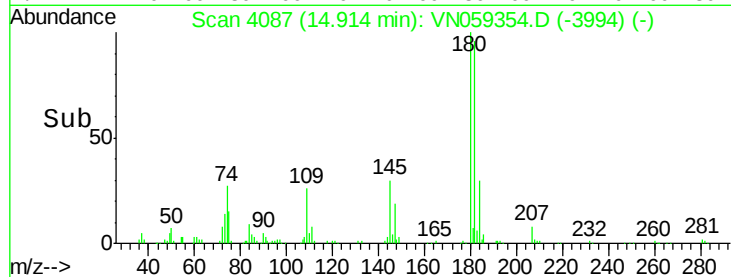
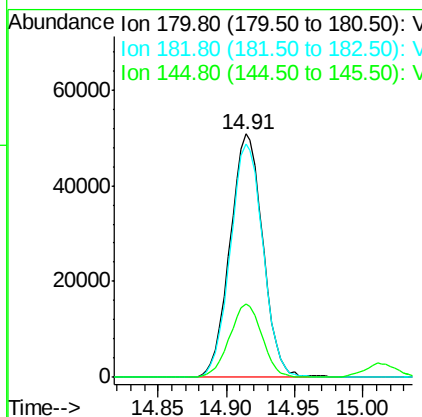
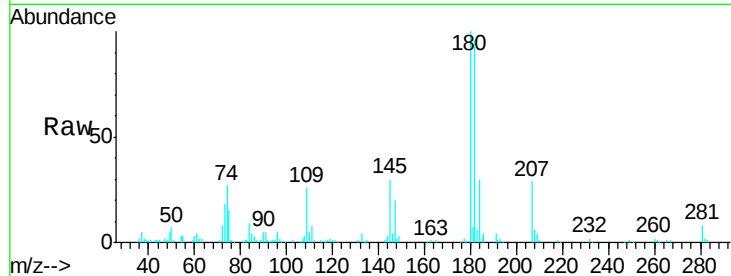




#93
 1,2,4-Trichlorobenzene
 Concen: 21.191 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059354.D
 Acq: 22 Nov 2019 11:23

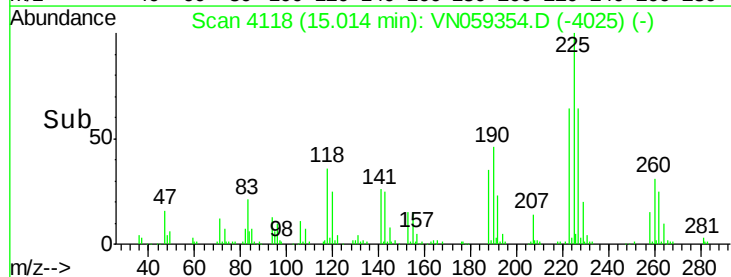
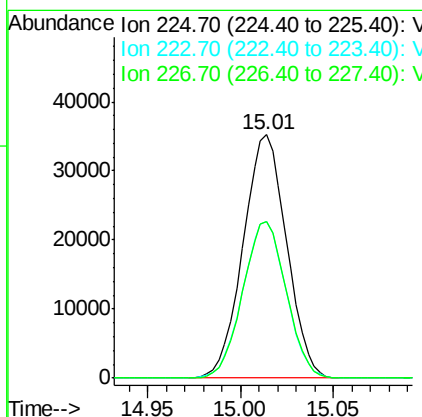
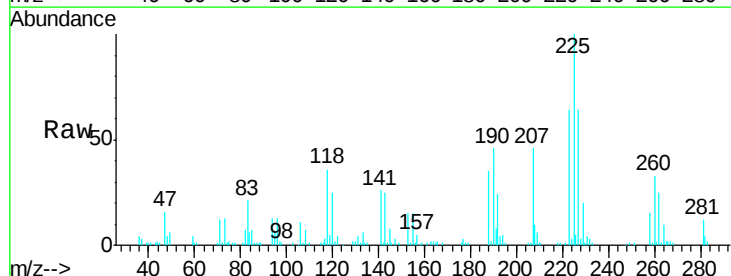
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122MBS01

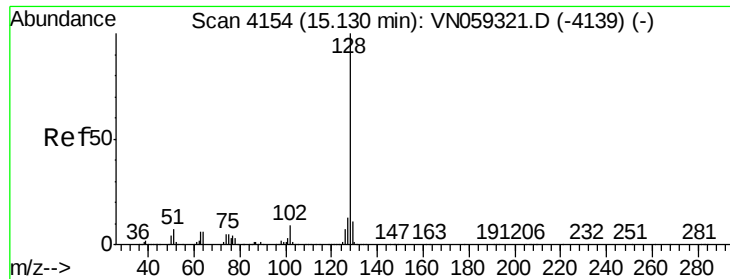
Tgt Ion:180 Resp: 84662
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.2 141.6
 145 29.9 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 22.585 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN059354.D
 Acq: 22 Nov 2019 11:23

Tgt Ion:225 Resp: 57114
 Ion Ratio Lower Upper
 225 100
 223 64.4 31.6 94.8
 227 64.3 32.6 97.7

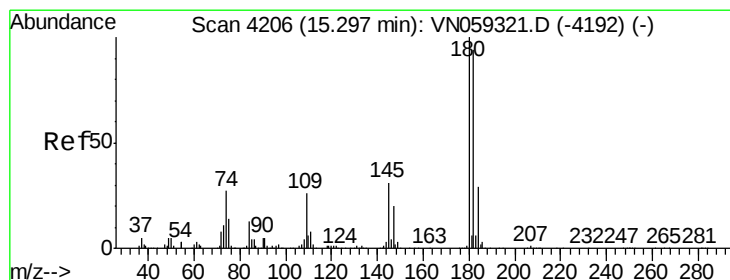
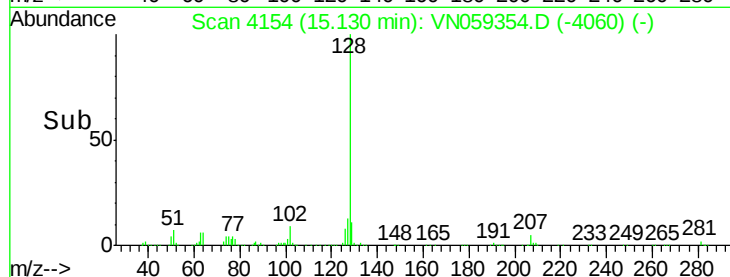
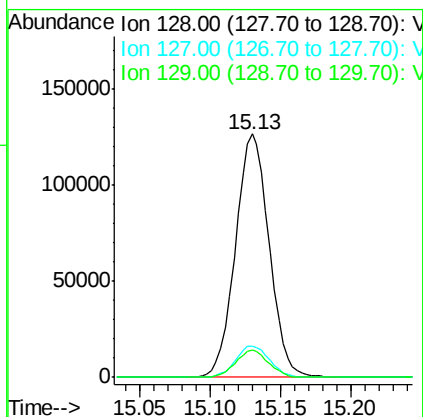
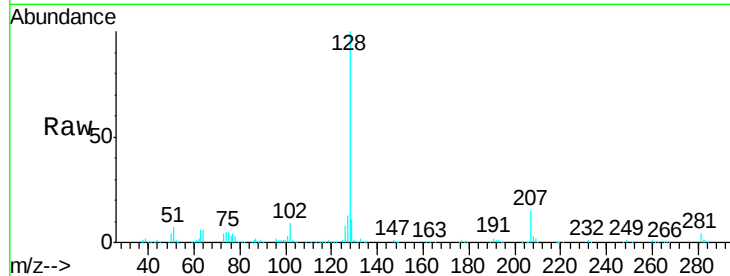




#95
Naphthalene
Concen: 19.589 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

Tgt Ion:128 Resp: 211932
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.614 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059354.D
Acq: 22 Nov 2019 11:23

Tgt Ion:180 Resp: 83353
Ion Ratio Lower Upper
180 100
182 96.2 47.1 141.4
145 31.6 15.6 46.8

