

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN012720\
 Data File : VN059866.D
 Acq On : 27 Jan 2020 12:42
 Operator : JC/MD
 Sample : VN0127MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBS01

Quant Time: Jan 27 14:29:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	193309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	297504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	266971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	126725	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	112098	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
35) Dibromofluoromethane	7.56	113	95505	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	
50) Toluene-d8	10.08	98	351348	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
62) 4-Bromofluorobenzene	12.40	95	123174	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	42035	18.11	ug/l	96
3) Chloromethane	2.04	50	39586	17.89	ug/l	99
4) Vinyl Chloride	2.17	62	50253	19.85	ug/l	97
5) Bromomethane	2.54	94	30805	19.93	ug/l	96
6) Chloroethane	2.68	64	23470	19.59	ug/l	94
7) Trichlorofluoromethane	3.00	101	61149	20.11	ug/l	98
8) Diethyl Ether	3.38	74	22376	20.97	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	3.74	101	35850	21.18	ug/l	92
10) Methyl Iodide	3.93	142	53172	19.44	ug/l	95
11) Tert butyl alcohol	4.72	59	36812	101.86	ug/l	100
12) 1,1-Dichloroethene	3.71	96	34403	19.45	ug/l	87
13) Acrolein	3.58	56	17144	67.02	ug/l	100
14) Allyl chloride	4.29	41	46253	19.40	ug/l #	86
15) Acrylonitrile	4.94	53	84533	102.54	ug/l	99
16) Acetone	3.78	43	85367	111.03	ug/l	96
17) Carbon Disulfide	4.03	76	88060	17.48	ug/l	98
18) Methyl Acetate	4.29	43	53116	21.18	ug/l #	91
19) Methyl tert-butyl Ether	5.00	73	122845	21.30	ug/l	94
20) Methylene Chloride	4.52	84	40028	19.83	ug/l	88
21) trans-1,2-Dichloroethene	5.01	96	37434	19.91	ug/l	86
22) Diisopropyl ether	5.91	45	109756	20.32	ug/l #	93
23) Vinyl Acetate	5.86	43	419438	100.28	ug/l #	95
24) 1,1-Dichloroethane	5.81	63	65191	19.75	ug/l	95
25) 2-Butanone	6.80	43	113464	93.33	ug/l	91
26) 2,2-Dichloropropane	6.79	77	62219	19.61	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	44597	20.62	ug/l	86
28) Bromochloromethane	7.17	49	27939	21.18	ug/l #	72
29) Tetrahydrofuran	7.18	42	72914	96.94	ug/l	88
30) Chloroform	7.35	83	71626	20.94	ug/l	99
31) Cyclohexane	7.63	56	57840	18.21	ug/l	88
32) 1,1,1-Trichloroethane	7.54	97	64779	20.49	ug/l	95
36) 1,1-Dichloropropene	7.77	75	50788	19.60	ug/l	95
37) Ethyl Acetate	6.90	43	46839	19.28	ug/l #	96
38) Carbon Tetrachloride	7.75	117	57145	20.28	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	61580	19.28	ug/l	91
40) Benzene	8.02	78	154626	20.01	ug/l	98
41) Methacrylonitrile	7.17	41	68555	57.28	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	55284	21.10	ug/l	96
43) Isopropyl Acetate	8.14	43	81623	19.53	ug/l #	94
44) Trichloroethene	8.82	130	46264	21.93	ug/l	91
45) 1,2-Dichloropropane	9.10	63	38927	20.36	ug/l	99
46) Dibromomethane	9.19	93	28614	21.22	ug/l	91
47) Bromodichloromethane	9.38	83	57885	21.30	ug/l	98
48) Methyl methacrylate	9.18	41	34590	18.50	ug/l	86
49) 1,4-Dioxane	9.18	88	14760	431.28	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	232303	96.15	ug/l	94
52) Toluene	10.14	92	99254	20.34	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	63079	20.79	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	66239	20.74	ug/l	92
55) 1,1,2-Trichloroethane	10.55	97	41018	21.22	ug/l	98
56) Ethyl methacrylate	10.42	69	57169	19.36	ug/l	92
57) 1,3-Dichloropropane	10.70	76	66409	21.64	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	94895	106.67	ug/l	91
59) 2-Hexanone	10.74	43	169708	95.35	ug/l	95
60) Dibromochloromethane	10.89	129	47361	21.52	ug/l	100
61) 1,2-Dibromoethane	10.99	107	42487	20.97	ug/l	99
64) Tetrachloroethene	10.62	164	47436	21.80	ug/l	95
65) Chlorobenzene	11.43	112	109408	20.85	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	43404	21.41	ug/l	99
67) Ethyl Benzene	11.50	91	190773	20.03	ug/l	98
68) m/p-Xylenes	11.62	106	144994	40.30	ug/l	94
69) o-Xylene	11.94	106	70746	20.08	ug/l	94
70) Styrene	11.96	104	115484	19.59	ug/l	97
71) Bromoform	12.12	173	35009	21.56	ug/l #	100
73) Isopropylbenzene	12.25	105	188719	20.31	ug/l	98
74) N-amyl acetate	12.07	43	65645	18.20	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	54456	20.21	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	75144	35.23	ug/l #	100
77) Bromobenzene	12.52	156	50428	21.43	ug/l	78
78) n-propylbenzene	12.59	91	209418	20.08	ug/l	97
79) 2-Chlorotoluene	12.67	91	126518	20.39	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	158981	20.34	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	19564	19.70	ug/l	96
82) 4-Chlorotoluene	12.77	91	126961	20.40	ug/l	95
83) tert-Butylbenzene	12.99	119	138205	20.44	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	160461	20.75	ug/l	99
85) sec-Butylbenzene	13.17	105	179800	20.24	ug/l	98
86) p-Isopropyltoluene	13.29	119	166134	20.22	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	84640	20.70	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	83813	20.55	ug/l	97
89) n-Butylbenzene	13.61	91	140009	19.98	ug/l	98
90) Hexachloroethane	13.87	117	30571	19.88	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	84146	20.82	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11384	18.36	ug/l	79

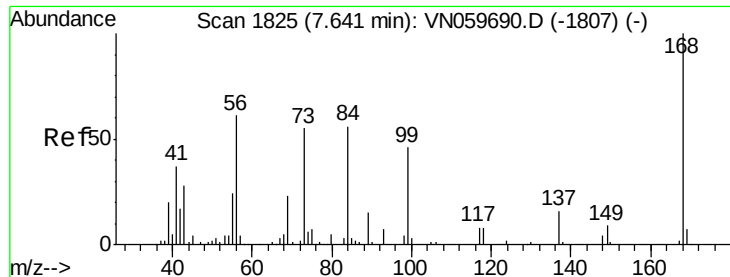
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	48912	20.14	ug/l	99
94) Hexachlorobutadiene	15.01	225	27283	20.39	ug/l	97
95) Naphthalene	15.13	128	128454	18.60	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	47310	20.01	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

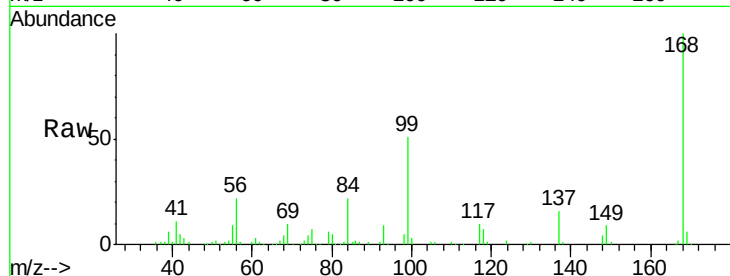
VN0127MBS01

Tgt Ion:168 Resp: 193309

Ion Ratio Lower Upper

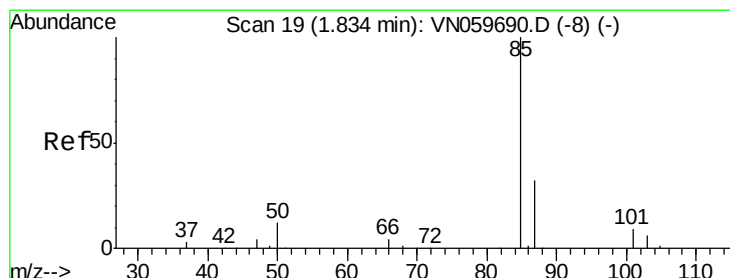
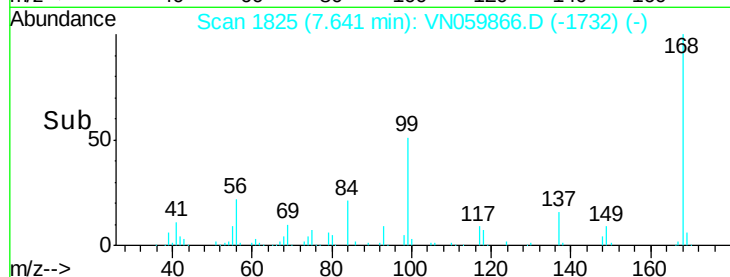
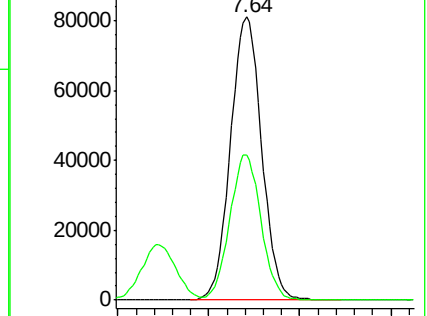
168 100

99 51.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 18.11 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059866.D

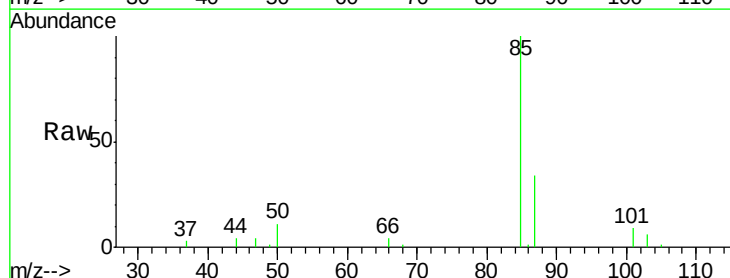
Acq: 27 Jan 2020 12:42

Tgt Ion: 85 Resp: 42035

Ion Ratio Lower Upper

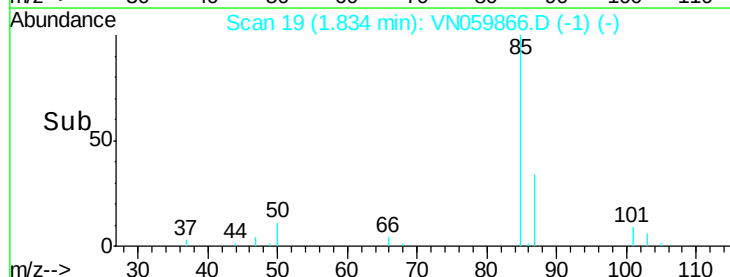
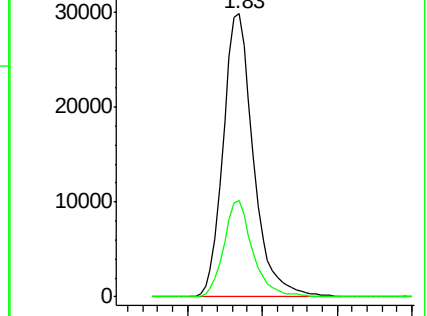
85 100

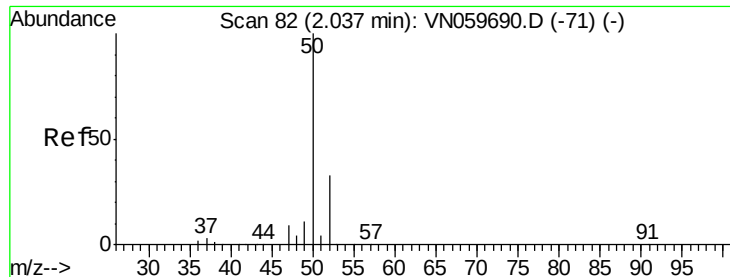
87 33.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

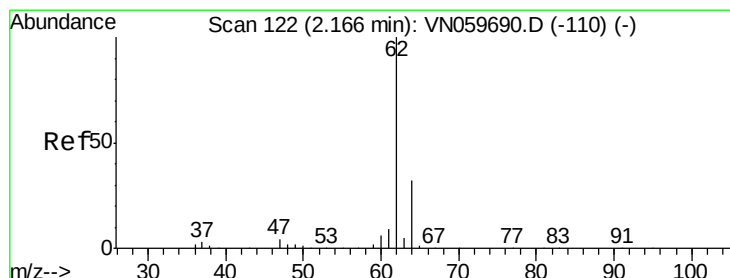
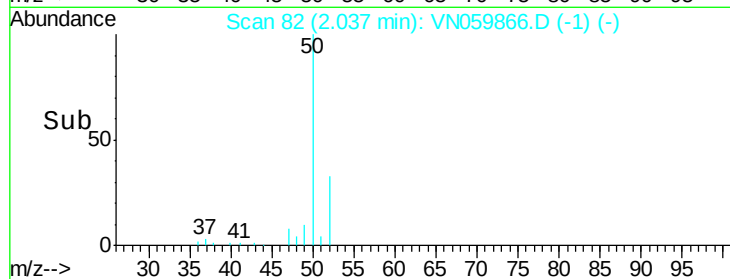
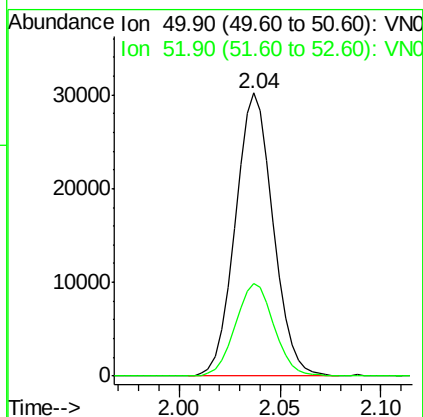
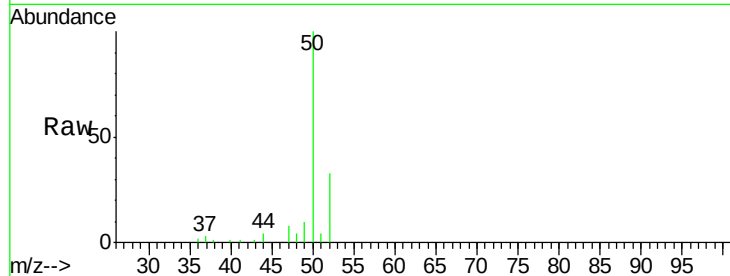




#3
Chloromethane
Concen: 17.89 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

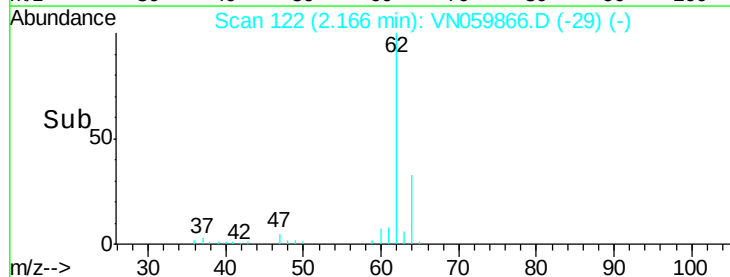
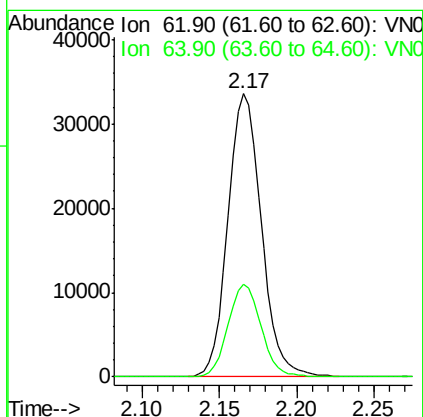
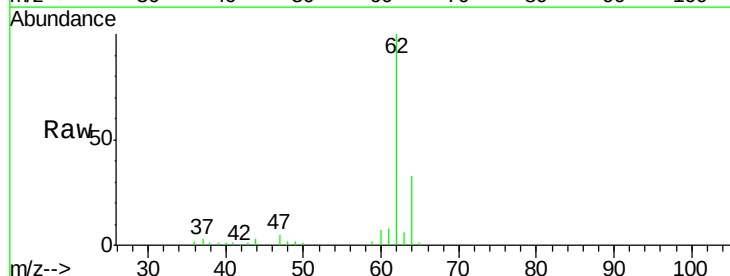
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

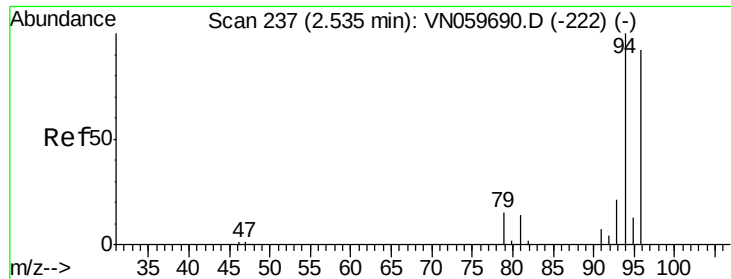
Tgt Ion: 50 Resp: 39586
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9



#4
Vinyl Chloride
Concen: 19.85 ug/l
RT: 2.17 min Scan# 122
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion: 62 Resp: 50253
Ion Ratio Lower Upper
62 100
64 32.7 24.6 37.0

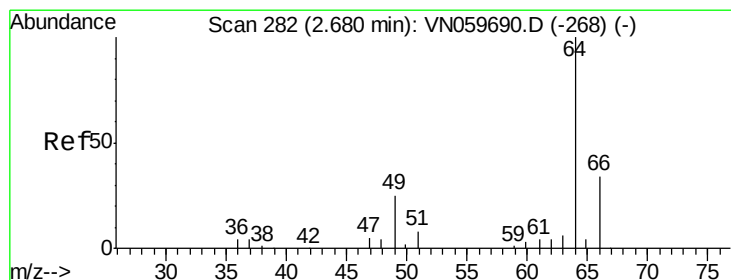
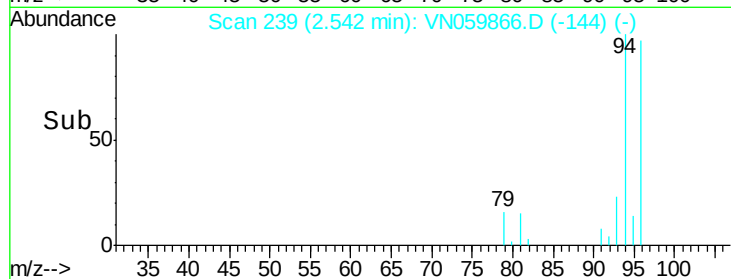
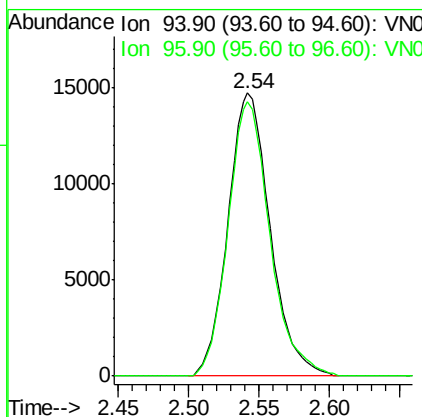
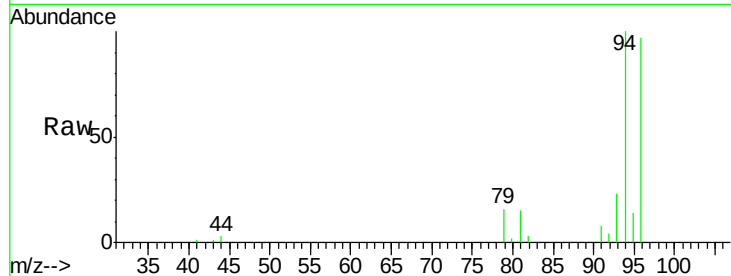




#5
Bromomethane
Concen: 19.93 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.01 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

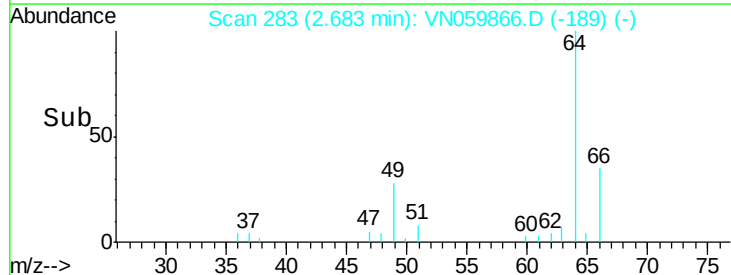
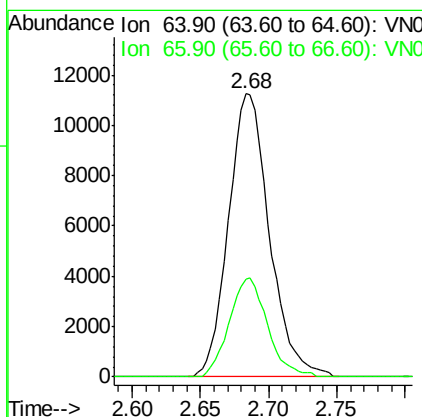
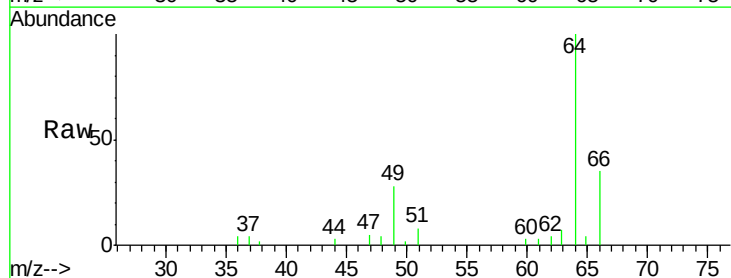
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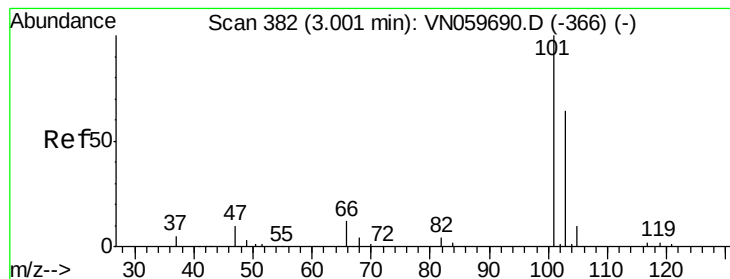
Tgt Ion: 94 Resp: 30805
Ion Ratio Lower Upper
94 100
96 97.1 74.7 112.1



#6
Chloroethane
Concen: 19.59 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion: 64 Resp: 23470
Ion Ratio Lower Upper
64 100
66 34.5 25.1 37.7



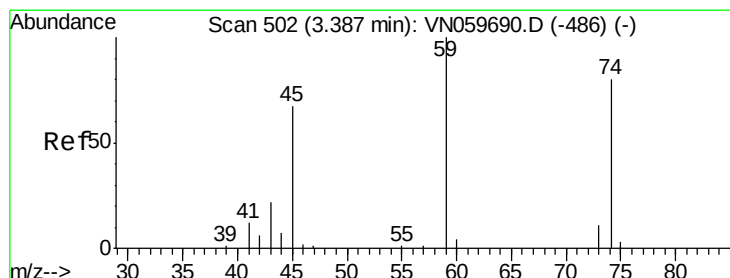
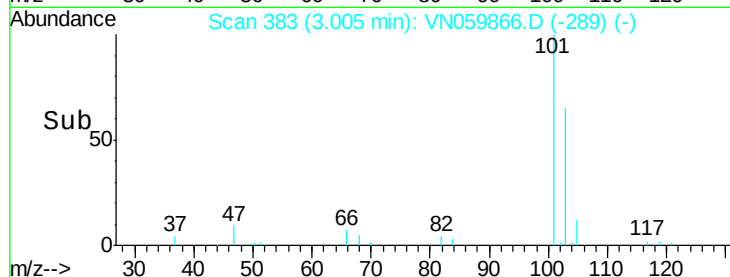
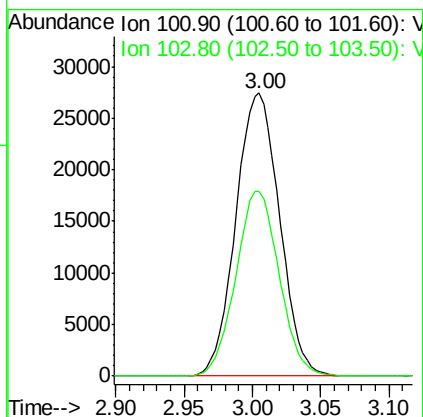
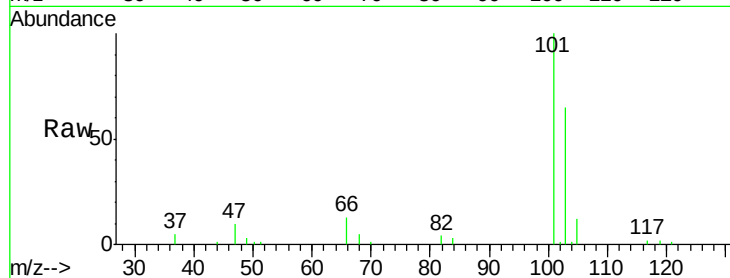


#7

Trichlorofluoromethane
Concen: 20.11 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Instrument :
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ClientSampleId :
VN0127MBS01

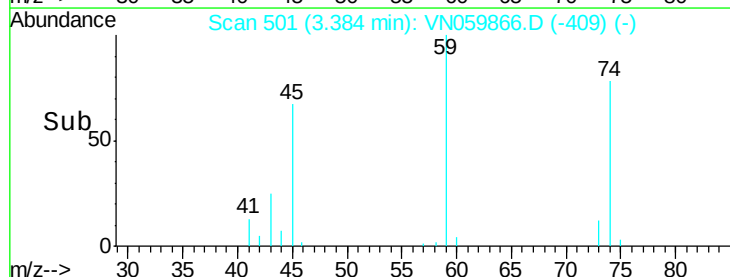
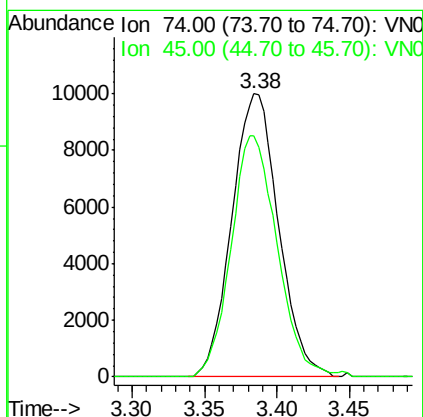
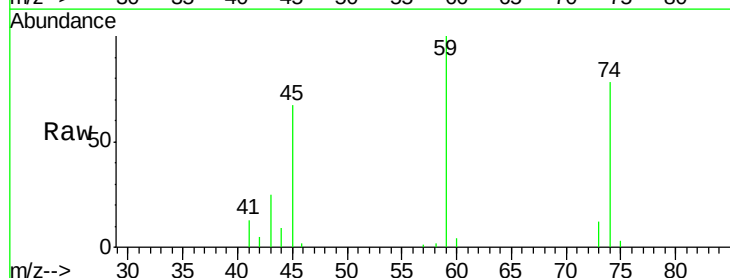
Tgt Ion: 101 Resp: 61149
Ion Ratio Lower Upper
101 100
103 65.2 51.0 76.6

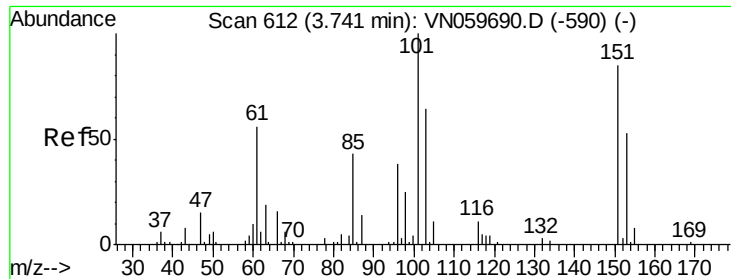


#8

Diethyl Ether
Concen: 20.97 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion: 74 Resp: 22376
Ion Ratio Lower Upper
74 100
45 83.8 51.9 155.8

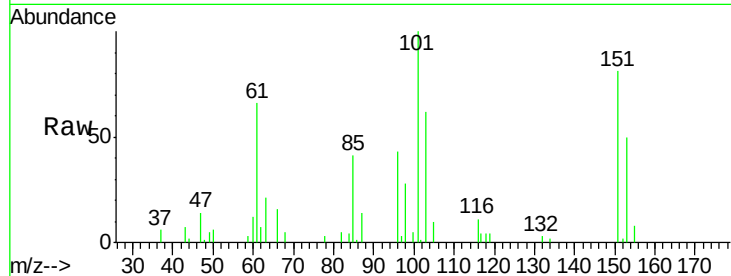




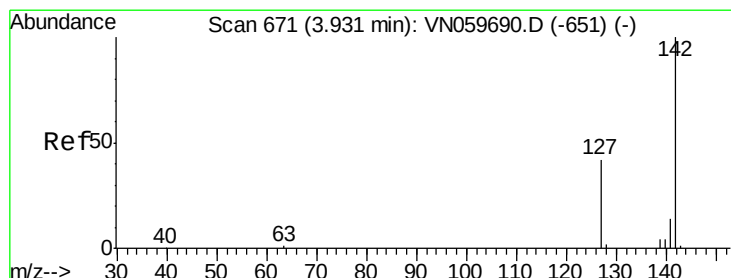
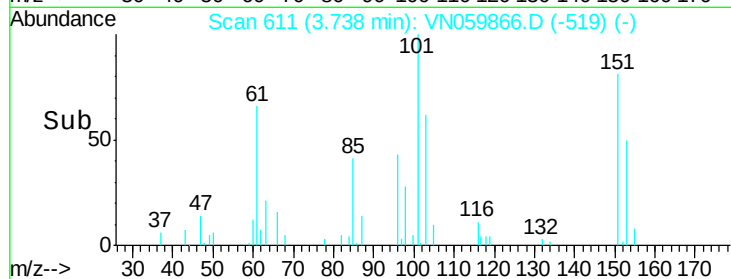
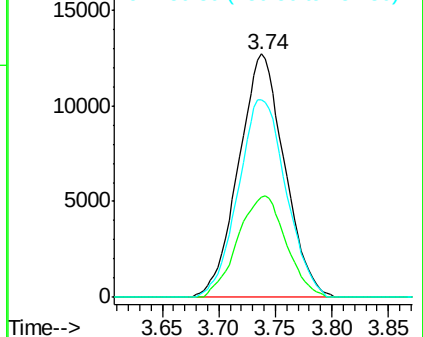
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.18 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBS01

Tgt Ion:101 Resp: 35850
 Ion Ratio Lower Upper
 101 100
 85 43.7 36.6 54.8
 151 84.7 59.7 89.5

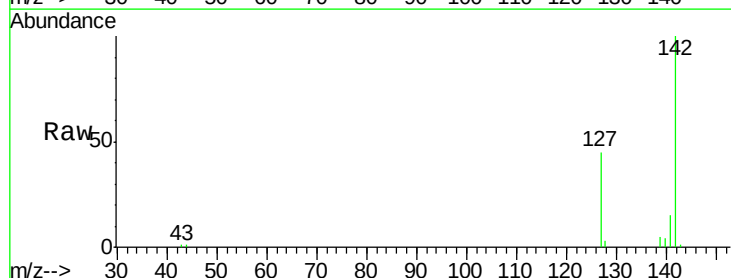


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

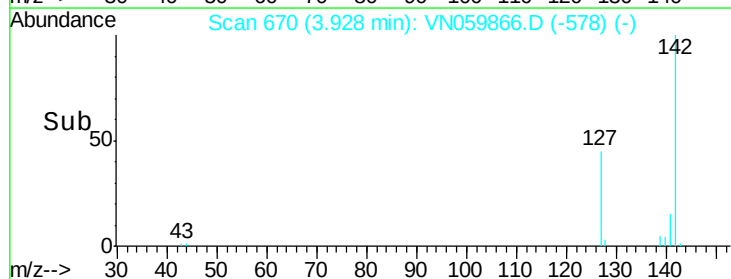
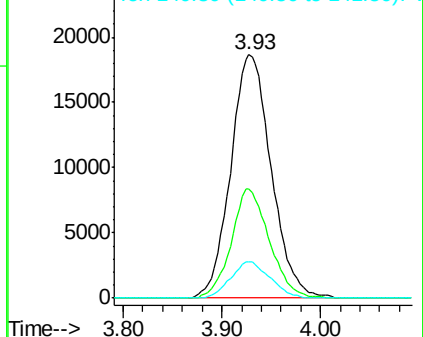


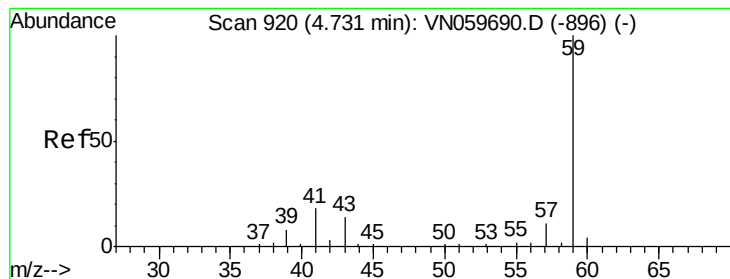
#10
 Methyl Iodide
 Concen: 19.44 ug/l
 RT: 3.93 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

Tgt Ion:142 Resp: 53172
 Ion Ratio Lower Upper
 142 100
 127 41.9 36.7 55.1
 141 14.4 11.7 17.5



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



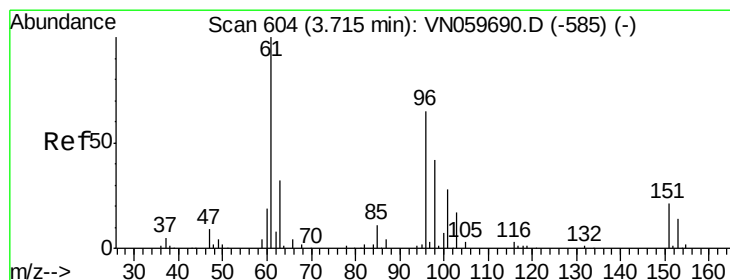
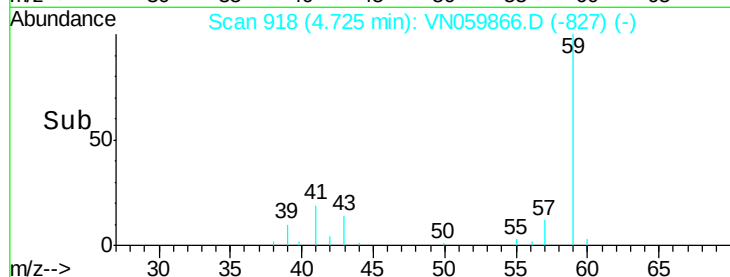
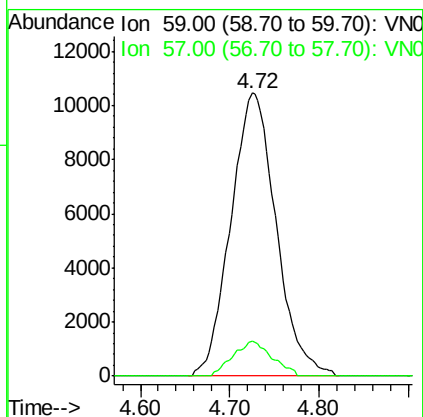
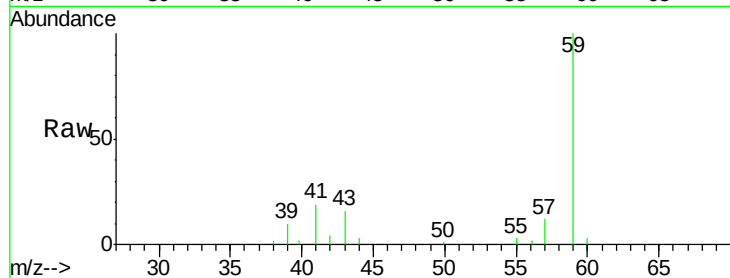


#11

Tert butyl alcohol
Concen: 101.86 ug/l
RT: 4.72 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Instrument :
MSVOA_N
ClientSampled :
VN0127MBS01

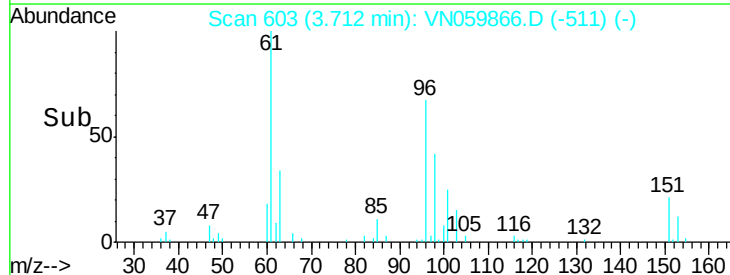
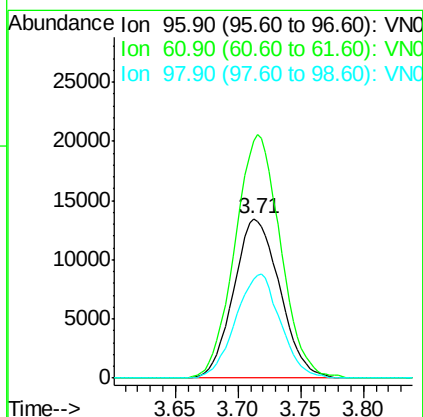
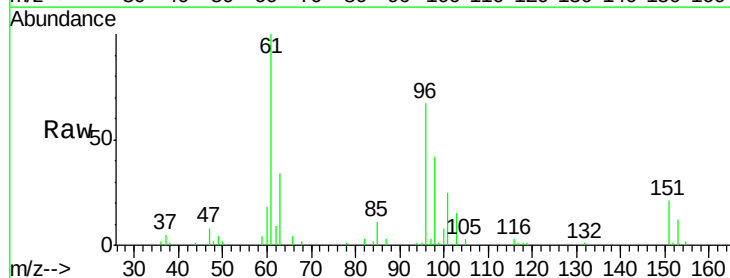
Tgt Ion: 59 Resp: 36812
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8

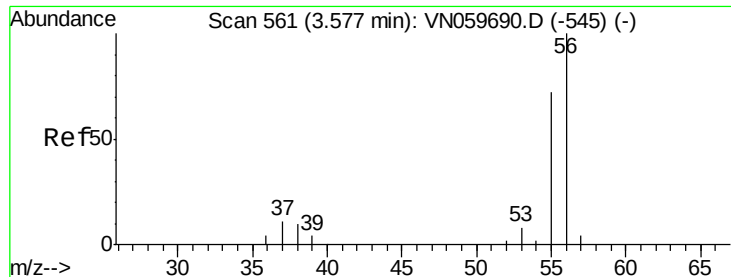


#12

1,1-Dichloroethene
Concen: 19.45 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion: 96 Resp: 34403
Ion Ratio Lower Upper
96 100
61 148.6 137.5 206.3
98 62.3 50.2 75.4





#13

Acrolein

Concen: 67.02 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

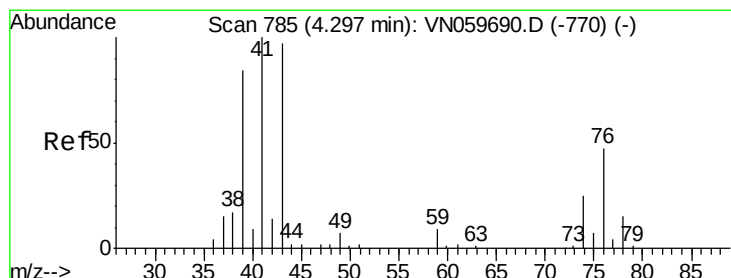
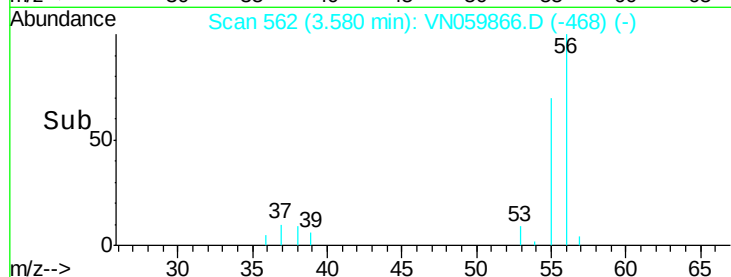
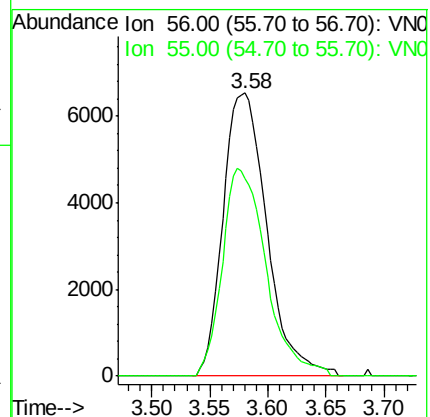
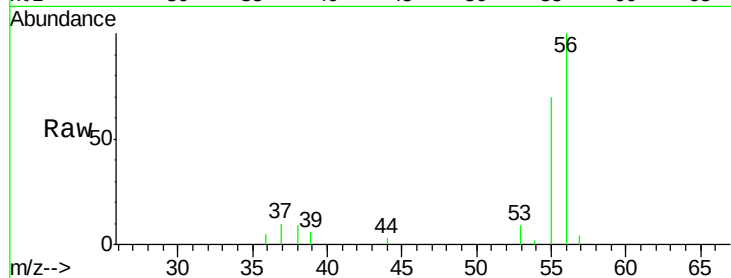
VN0127MBS01

Tgt Ion: 56 Resp: 17144

Ion Ratio Lower Upper

56 100

55 73.3 58.6 88.0



#14

Allyl chloride

Concen: 19.40 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.01 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

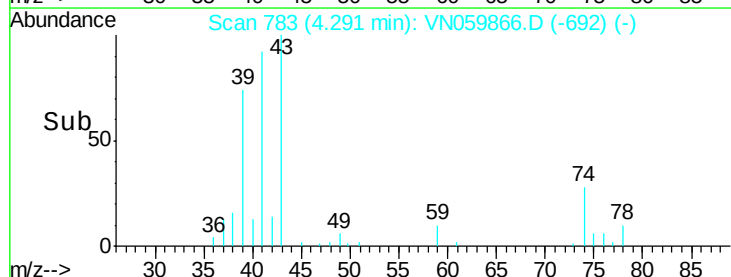
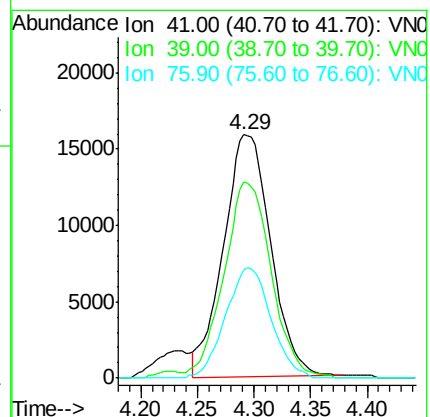
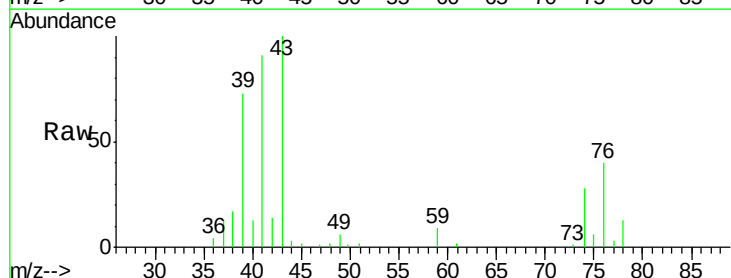
Tgt Ion: 41 Resp: 46253

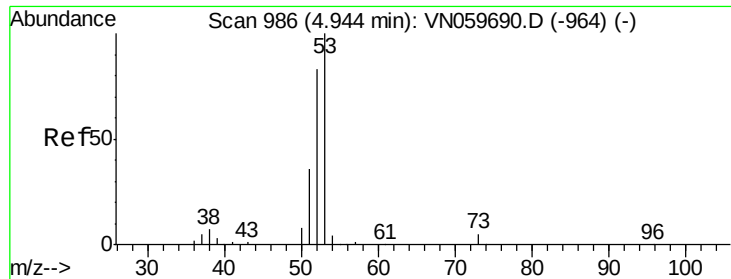
Ion Ratio Lower Upper

41 100

39 81.0 57.8 86.8

76 43.8 25.4 38.0#





#15

Acrylonitrile

Concen: 102.54 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBS01

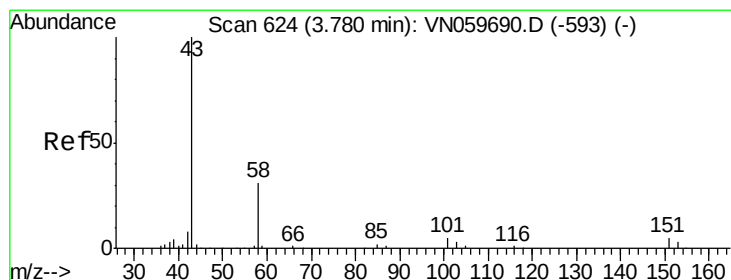
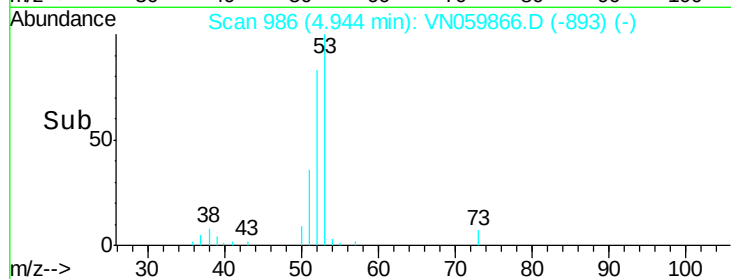
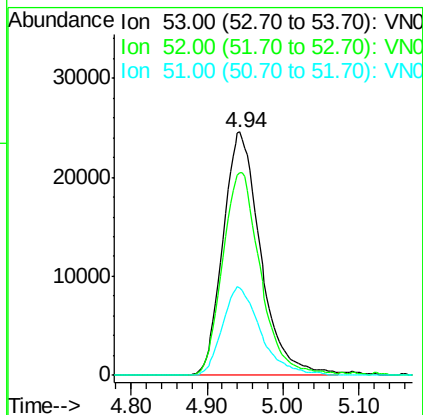
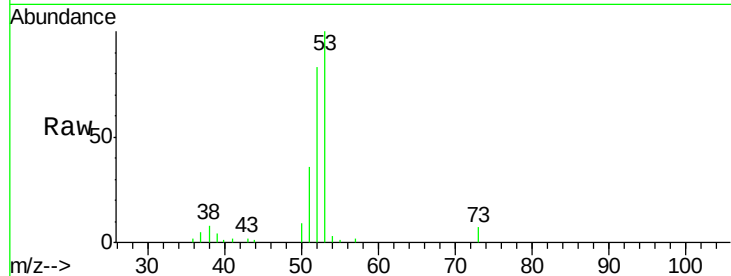
Tgt Ion: 53 Resp: 84533

Ion Ratio Lower Upper

53 100

52 83.6 66.3 99.5

51 36.7 29.7 44.5



#16

Acetone

Concen: 111.03 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN059866.D

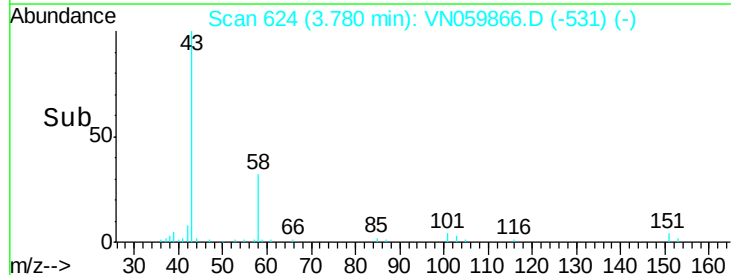
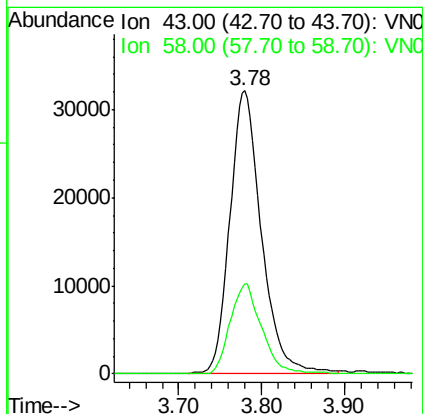
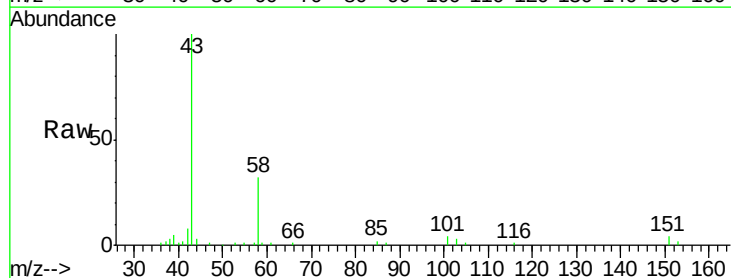
Acq: 27 Jan 2020 12:42

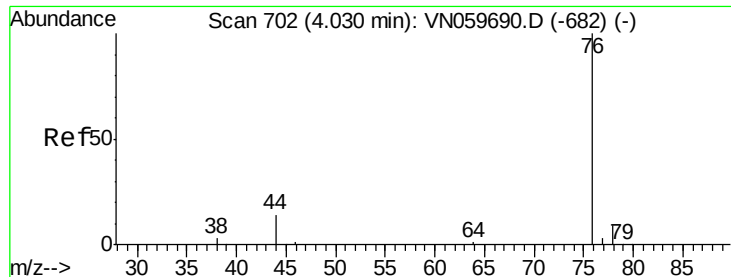
Tgt Ion: 43 Resp: 85367

Ion Ratio Lower Upper

43 100

58 31.9 23.6 35.4

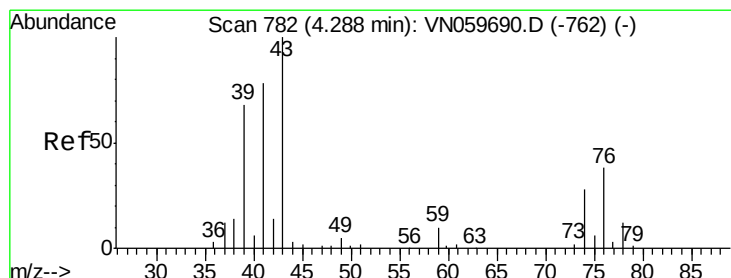
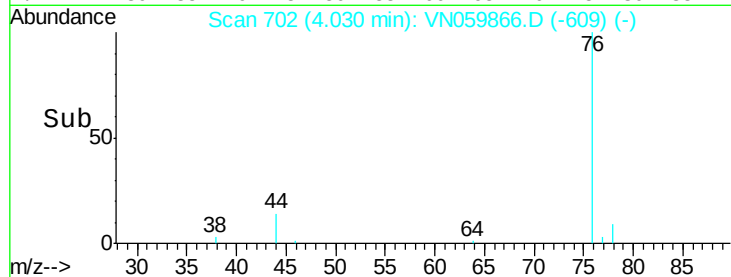
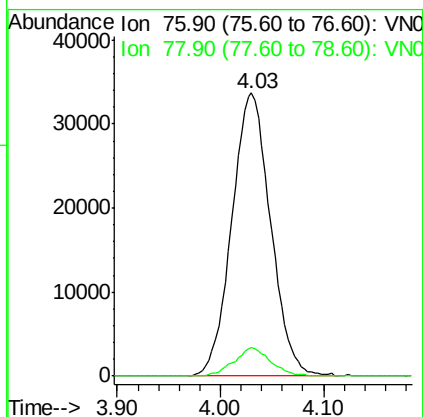
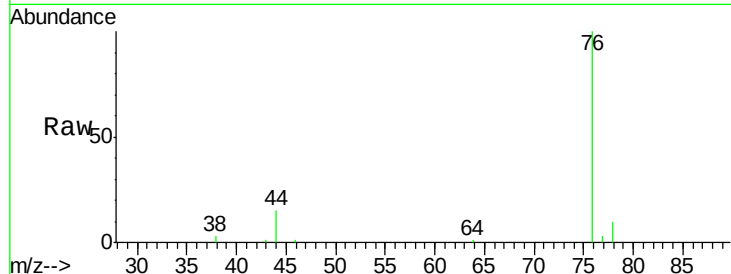




#17
Carbon Disulfide
Concen: 17.48 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

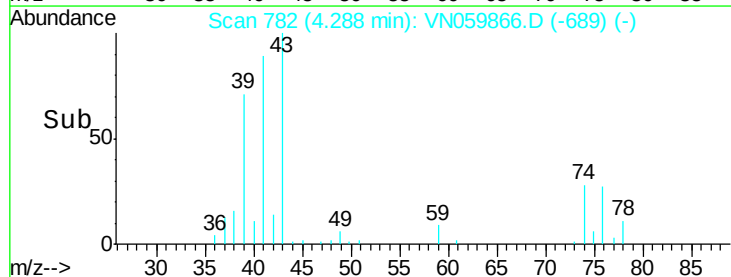
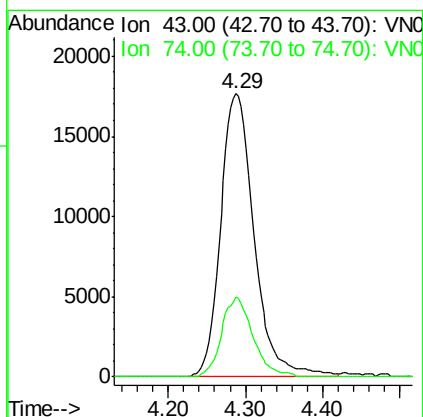
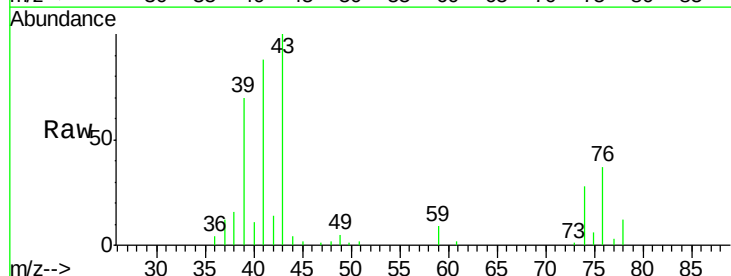
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

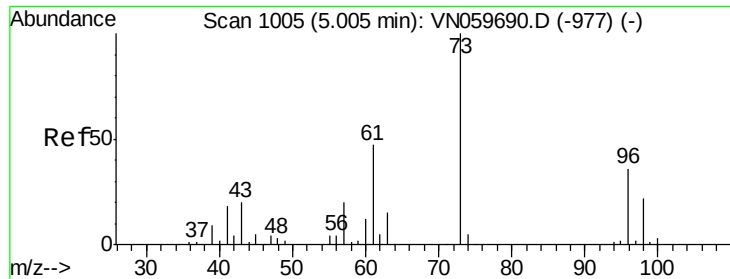
Tgt Ion: 76 Resp: 88060
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0



#18
Methyl Acetate
Concen: 21.18 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion: 43 Resp: 53116
Ion Ratio Lower Upper
43 100
74 26.4 17.5 26.3#

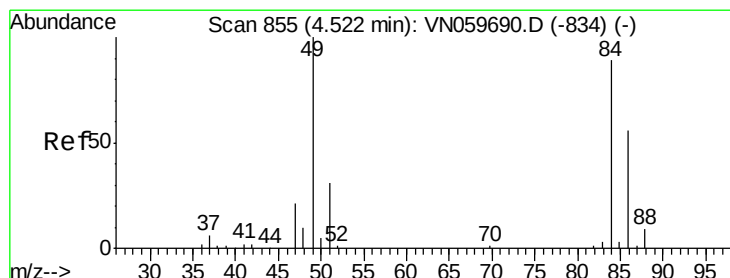
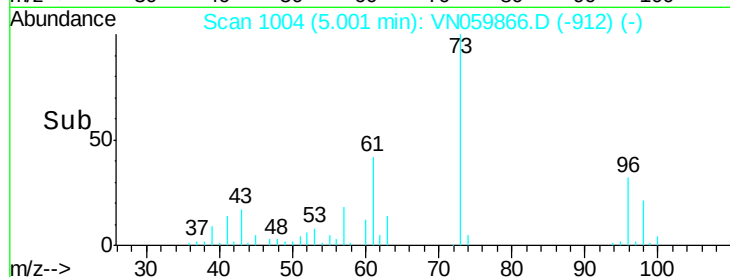
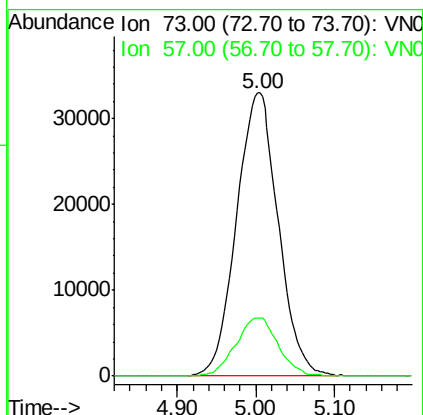
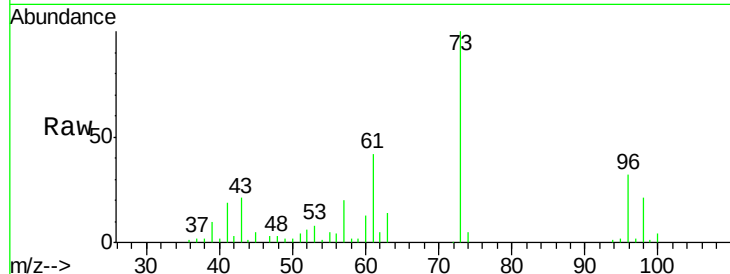




#19
Methyl tert-butyl Ether
Concen: 21.30 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

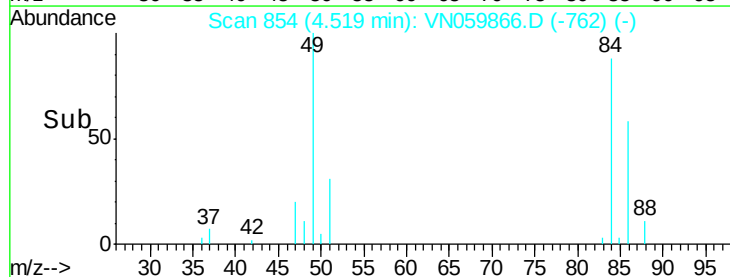
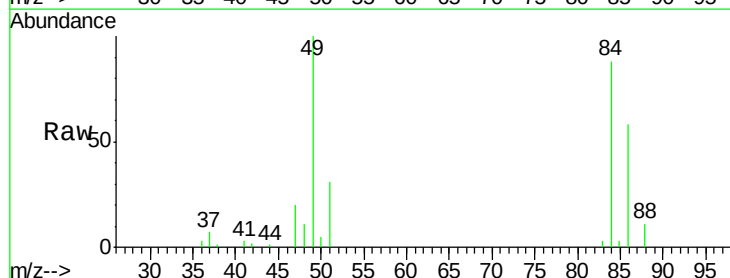
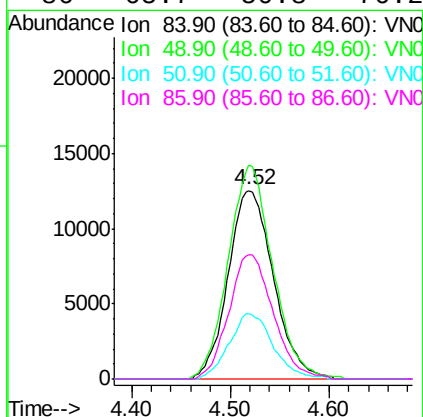
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

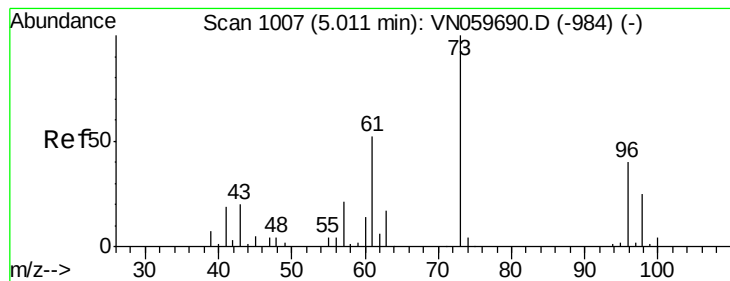
Tgt Ion: 73 Resp: 122845
Ion Ratio Lower Upper
73 100
57 20.4 18.6 27.8



#20
Methylene Chloride
Concen: 19.83 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion: 84 Resp: 40028
Ion Ratio Lower Upper
84 100
49 113.4 106.6 160.0
51 34.7 31.9 47.9
86 65.7 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 19.91 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBS01

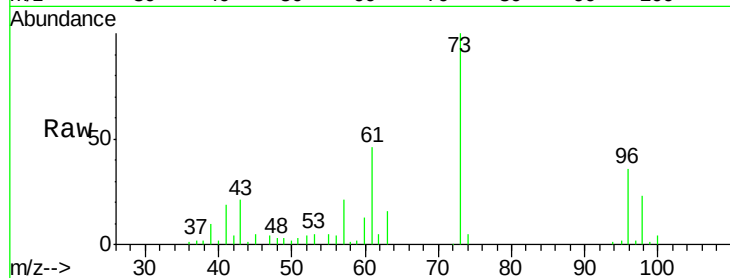
Tgt Ion: 96 Resp: 37434

Ion Ratio Lower Upper

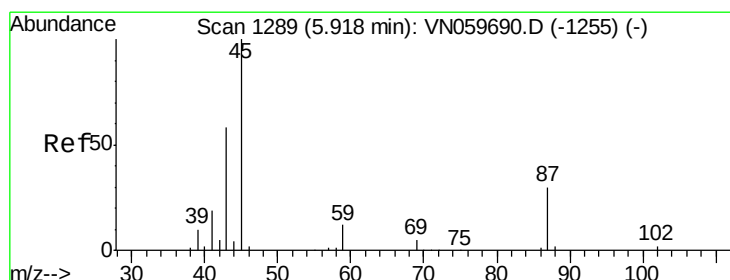
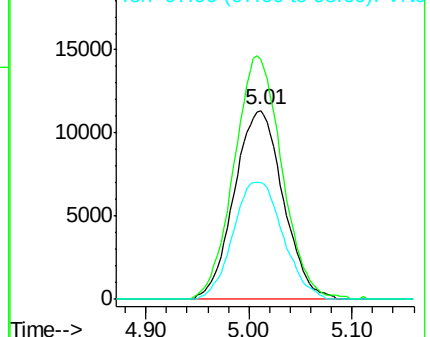
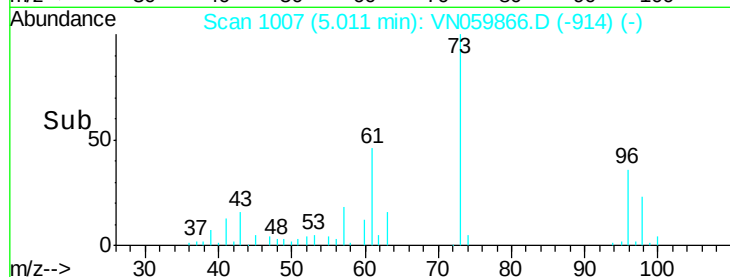
96 100

61 126.9 120.4 180.6

98 62.0 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VN059866.D (-914) (-)



#22

Diisopropyl ether

Concen: 20.32 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Tgt Ion: 45 Resp: 109756

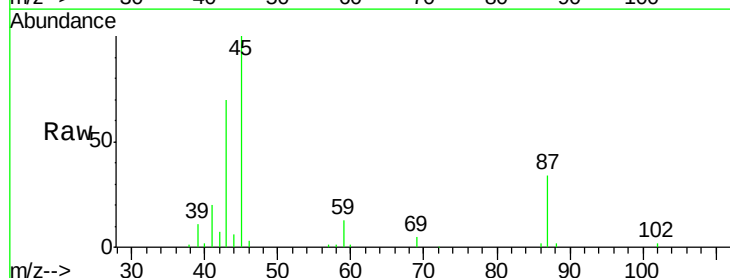
Ion Ratio Lower Upper

45 100

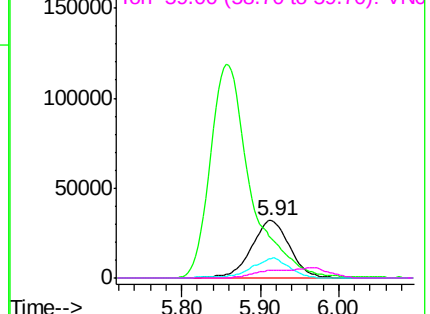
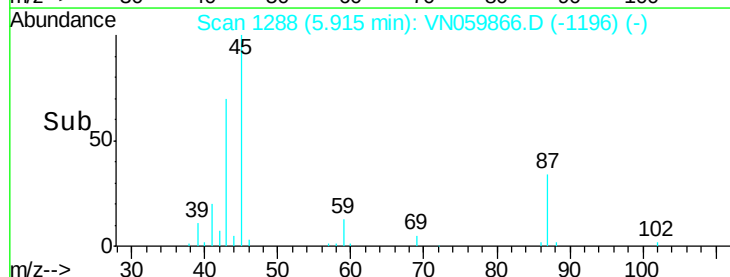
43 66.7 50.8 76.2

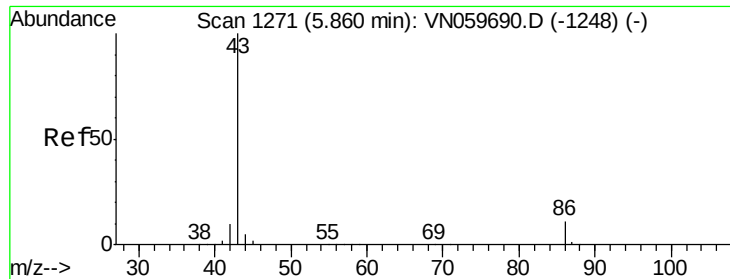
87 33.8 21.0 31.6

59 12.8 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VN059866.D (-1196) (-)





#23

Vinyl Acetate

Concen: 100.28 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

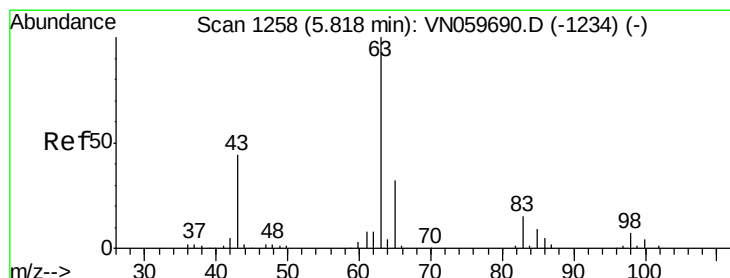
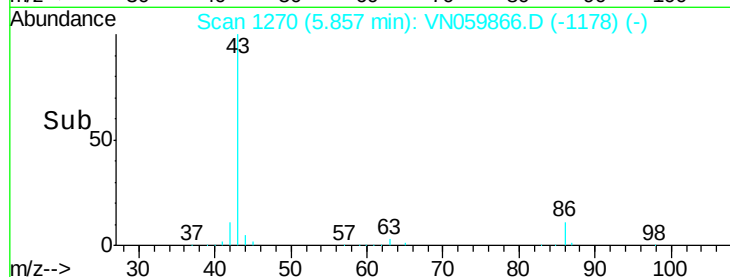
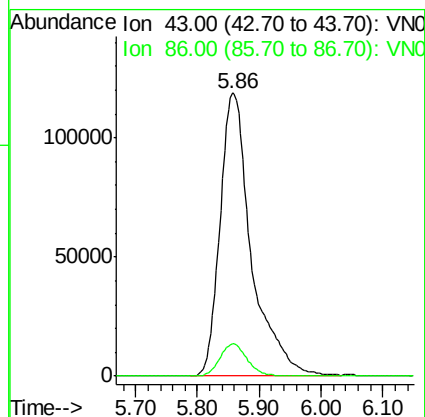
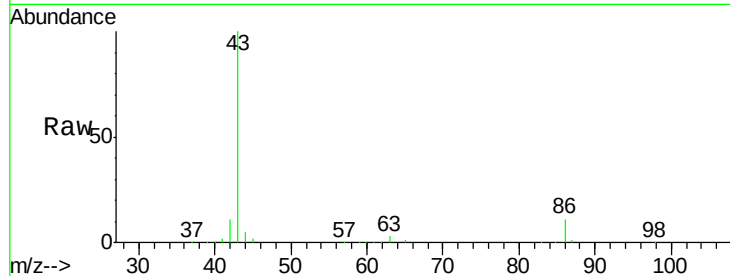
VN0127MBS01

Tgt Ion: 43 Resp: 419438

Ion Ratio Lower Upper

43 100

86 11.5 7.6 11.4#



#24

1,1-Dichloroethane

Concen: 19.75 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

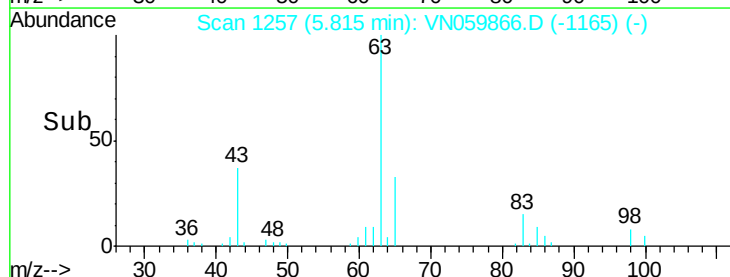
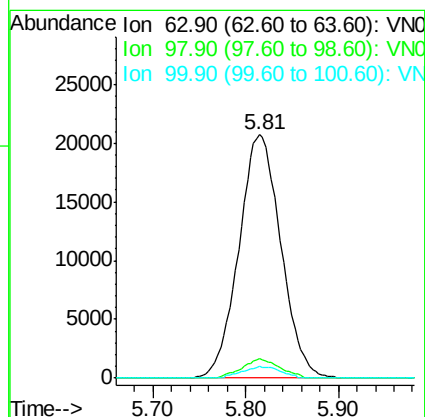
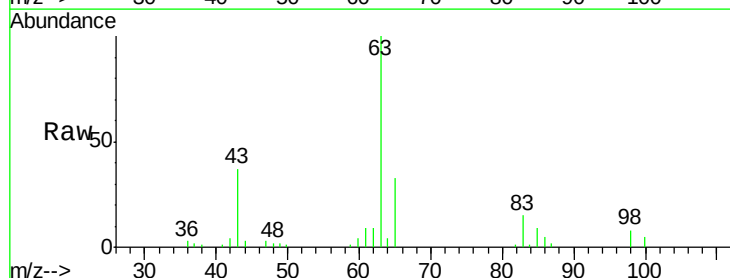
Tgt Ion: 63 Resp: 65191

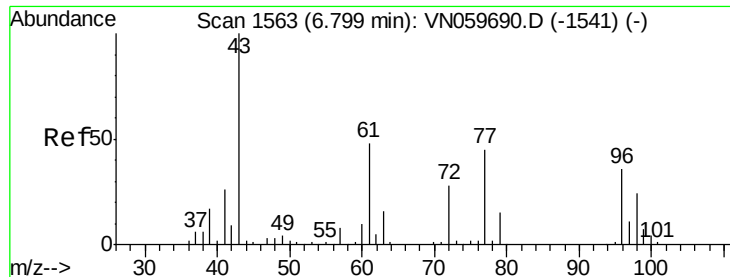
Ion Ratio Lower Upper

63 100

98 8.1 2.9 8.7

100 4.7 2.0 6.0





#25

2-Butanone

Concen: 93.33 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

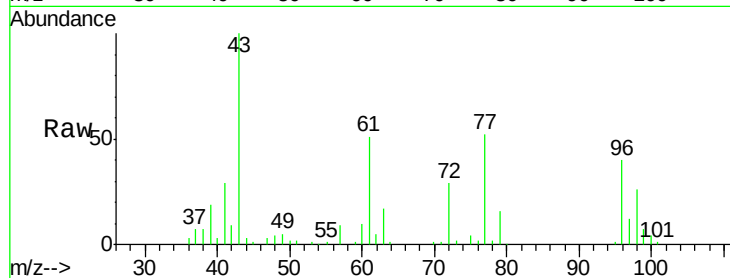
VN0127MBS01

Tgt Ion: 43 Resp: 113464

Ion Ratio Lower Upper

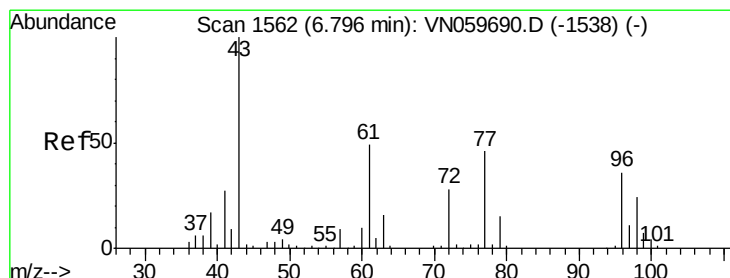
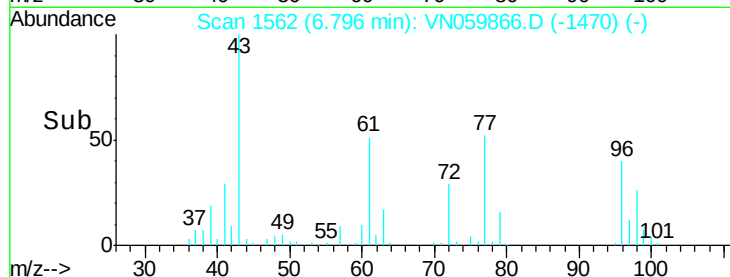
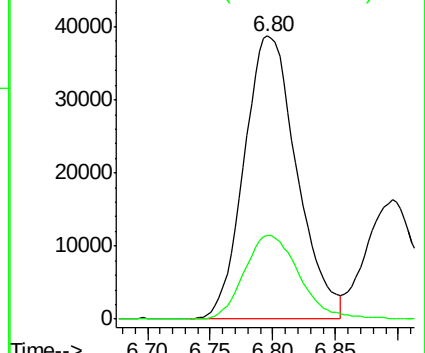
43 100

72 29.5 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 19.61 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059866.D

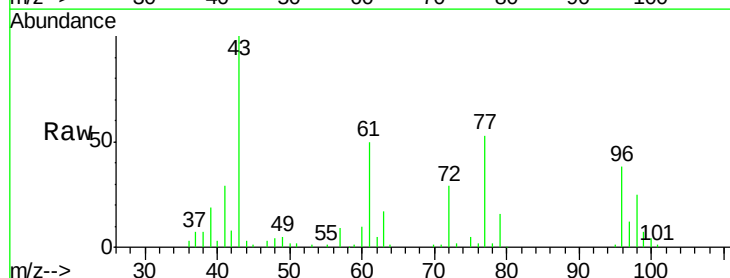
Acq: 27 Jan 2020 12:42

Tgt Ion: 77 Resp: 62219

Ion Ratio Lower Upper

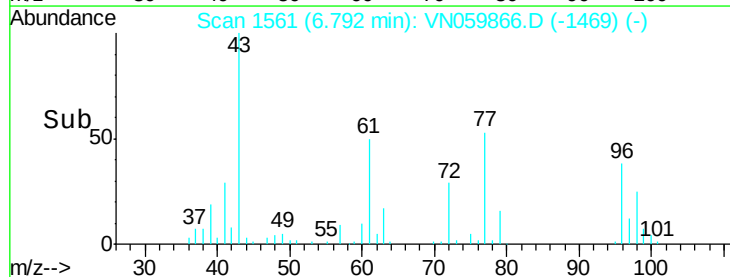
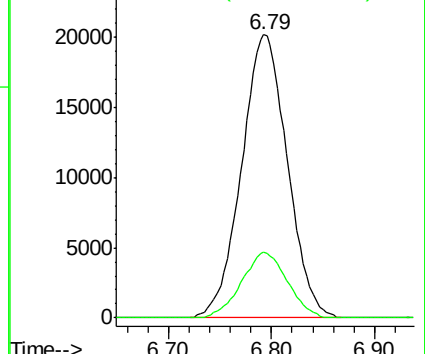
77 100

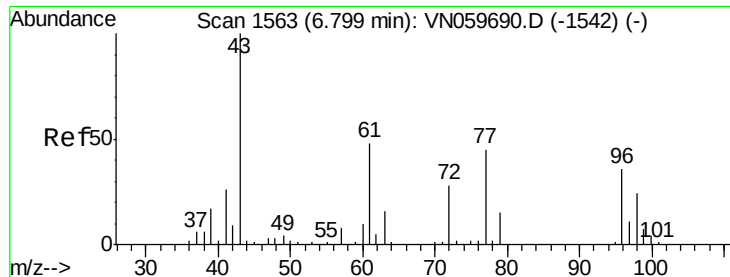
97 23.2 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 20.62 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

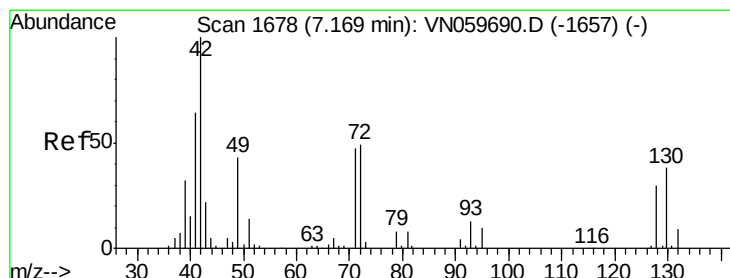
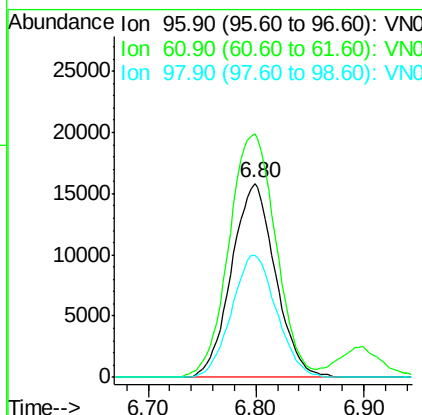
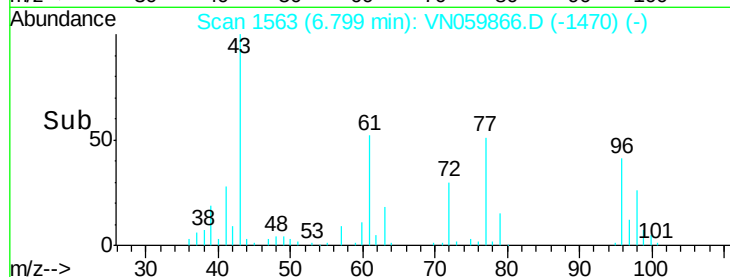
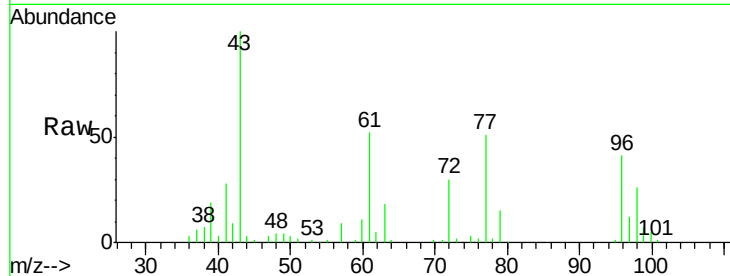
Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :
MSVOA_N
ClientSampled :
VN0127MBS01

Tgt Ion: 96 Resp: 44597

Ion	Ratio	Lower	Upper
96	100		
61	134.5	0.0	317.6
98	64.4	0.0	127.0



#28

Bromochloromethane

Concen: 21.18 ug/l

RT: 7.17 min Scan# 1677

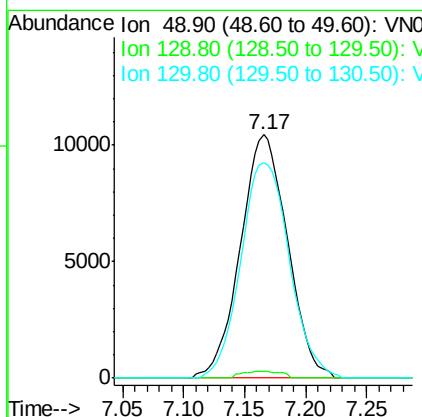
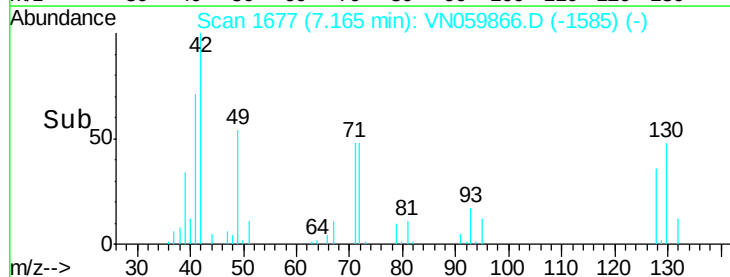
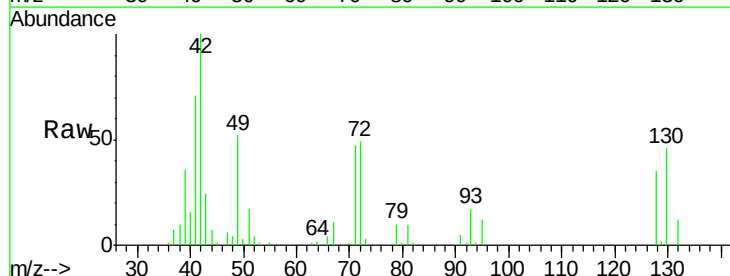
Delta R.T. -0.00 min

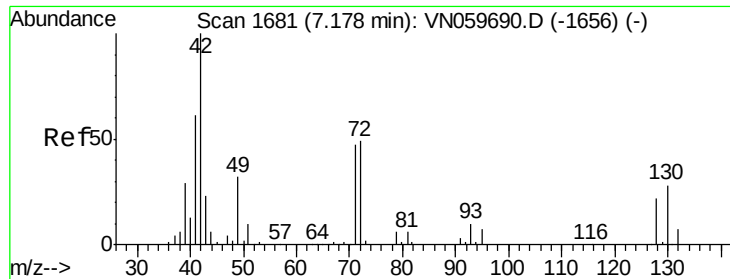
Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Tgt Ion: 49 Resp: 27939

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	3.4
130	91.6	54.7	82.1#

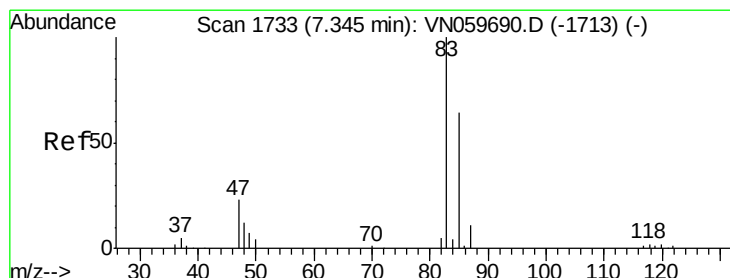
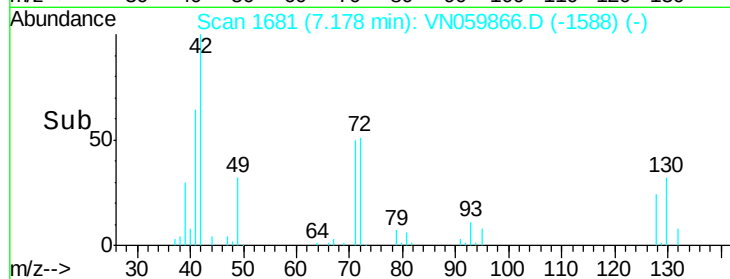
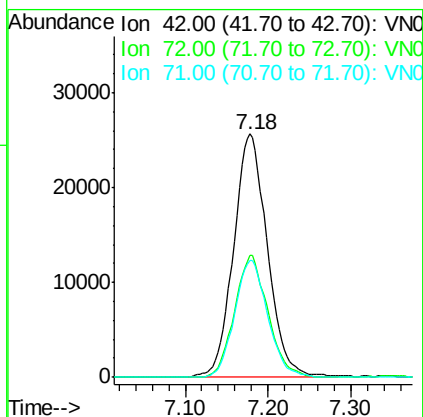
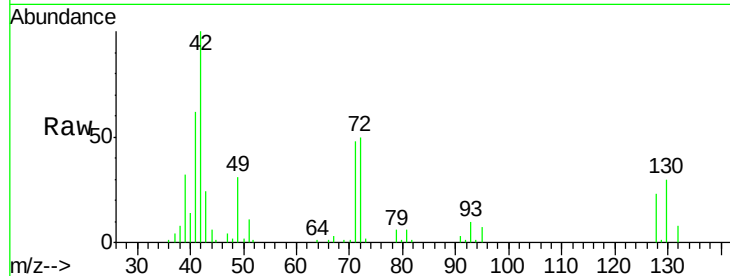




#29
Tetrahydrofuran
Concen: 96.94 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

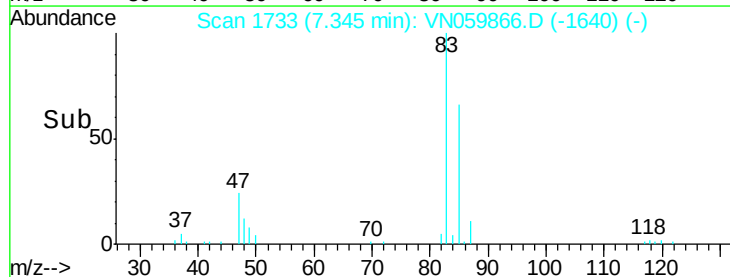
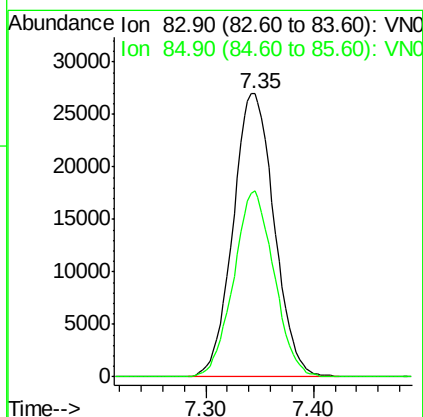
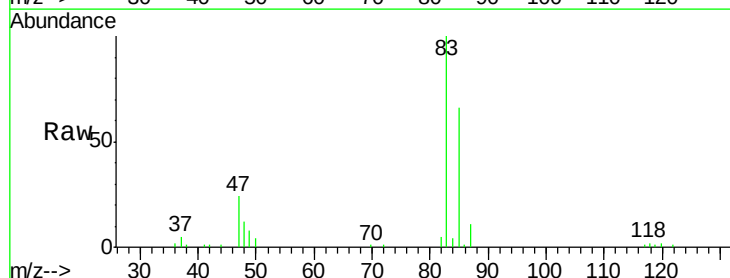
Instrument :
MSVOA_N
ClientSampled :
VN0127MBS01

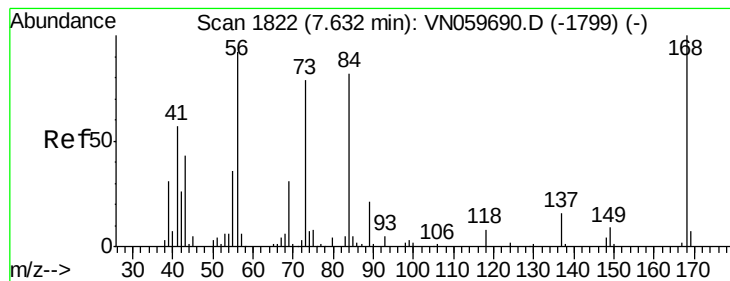
Tgt Ion: 42 Resp: 72914
Ion Ratio Lower Upper
42 100
72 49.2 33.1 49.7
71 46.8 31.4 47.0



#30
Chloroform
Concen: 20.94 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion: 83 Resp: 71626
Ion Ratio Lower Upper
83 100
85 65.9 52.4 78.6





#31

Cyclohexane

Concen: 18.21 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampled :

VN0127MBS01

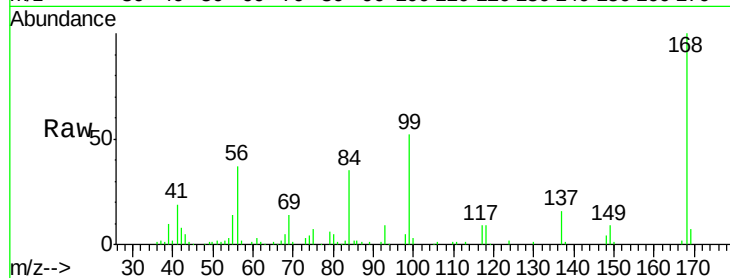
Tgt Ion: 56 Resp: 57840

Ion Ratio Lower Upper

56 100

69 37.4 26.5 39.7

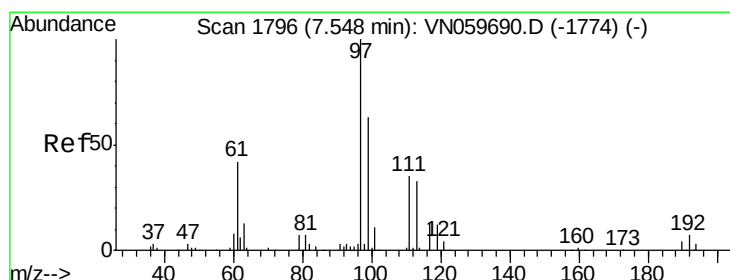
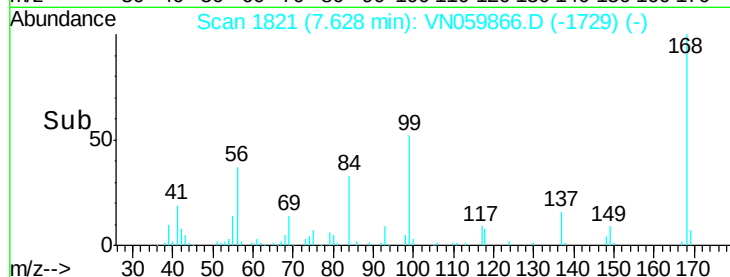
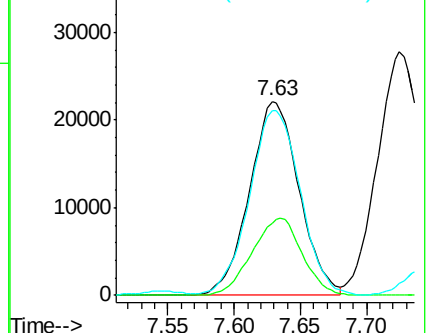
84 94.2 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 20.49 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

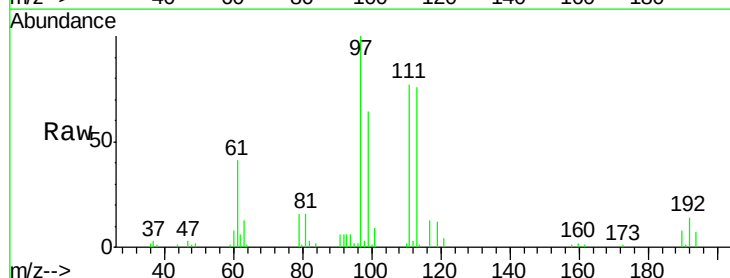
Tgt Ion: 97 Resp: 64779

Ion Ratio Lower Upper

97 100

99 65.4 51.0 76.4

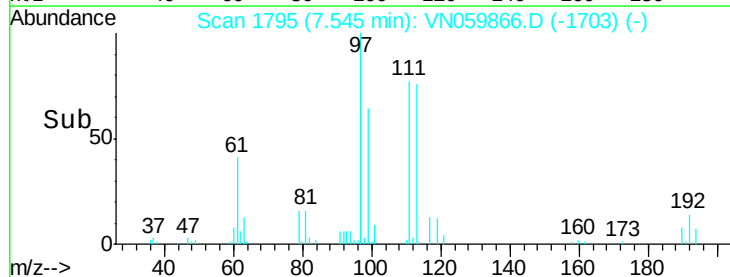
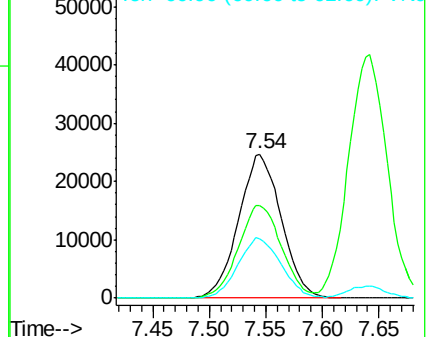
61 42.1 38.5 57.7

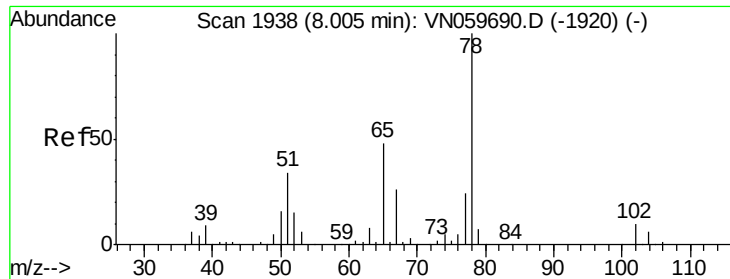


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

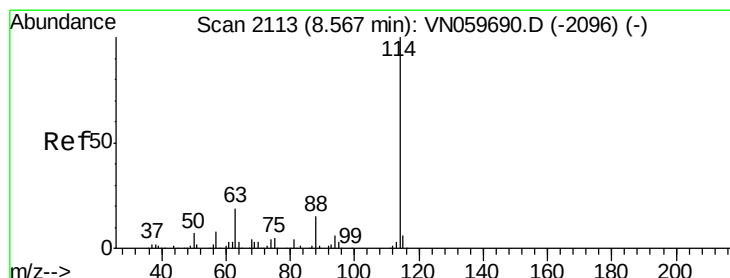
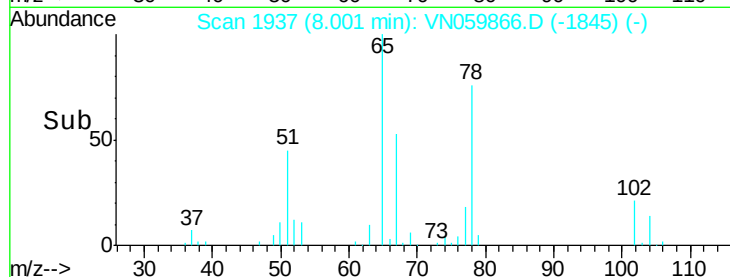
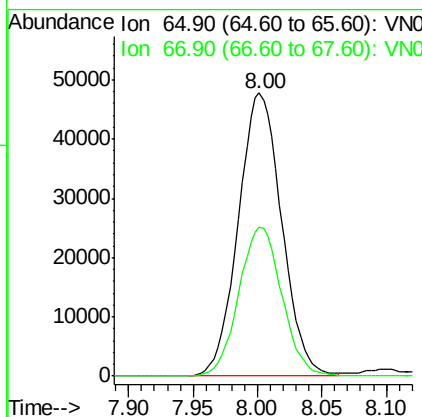
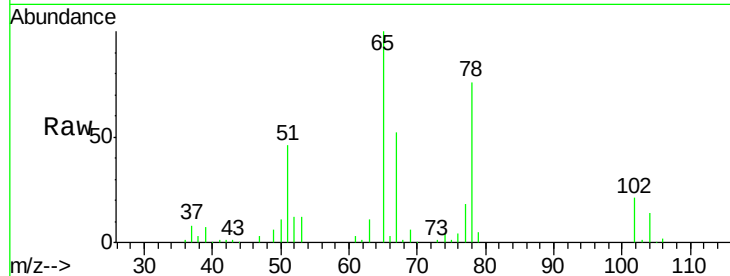




#33
 1,2-Dichloroethane-d4
 Concen: 52.22 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

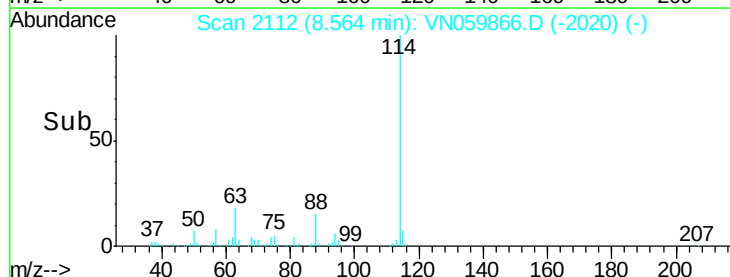
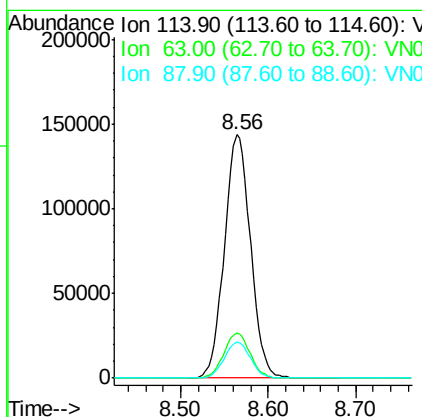
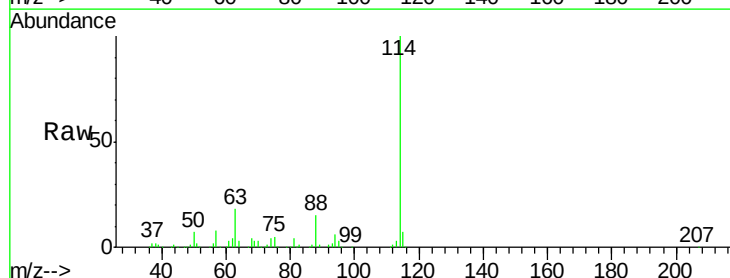
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBS01

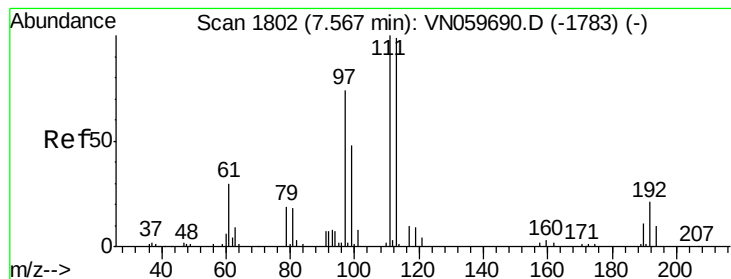
Tgt Ion: 65 Resp: 112098
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

Tgt Ion: 114 Resp: 297504
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 43.6
 88 14.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.83 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampled :

VN0127MBS01

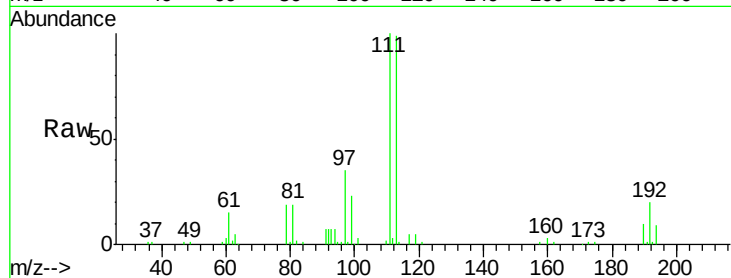
Tgt Ion:113 Resp: 95505

Ion Ratio Lower Upper

113 100

111 101.6 83.5 125.3

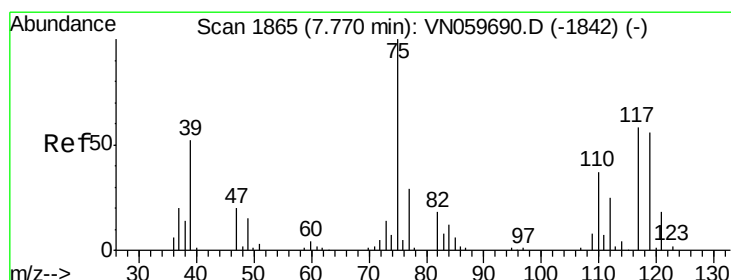
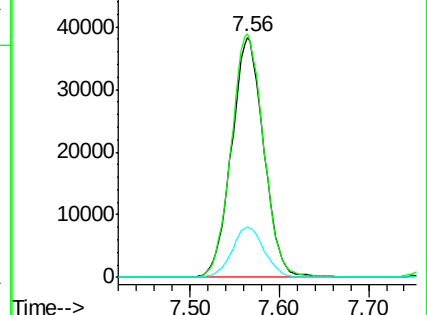
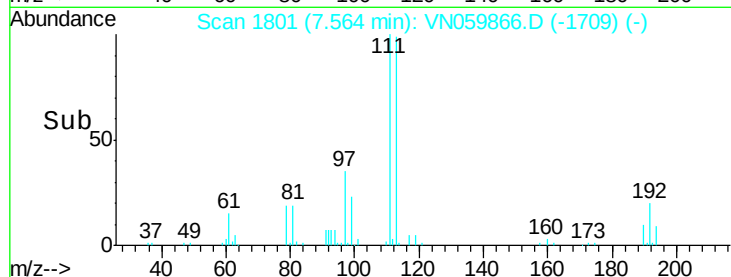
192 20.9 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.60 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

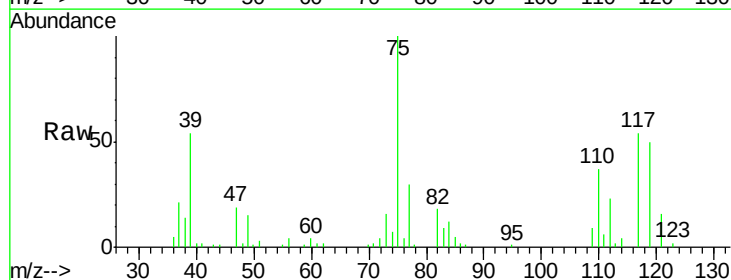
Tgt Ion: 75 Resp: 50788

Ion Ratio Lower Upper

75 100

110 37.8 16.6 49.7

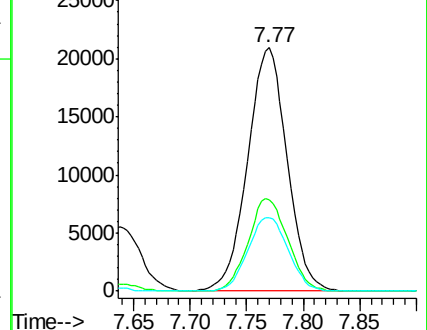
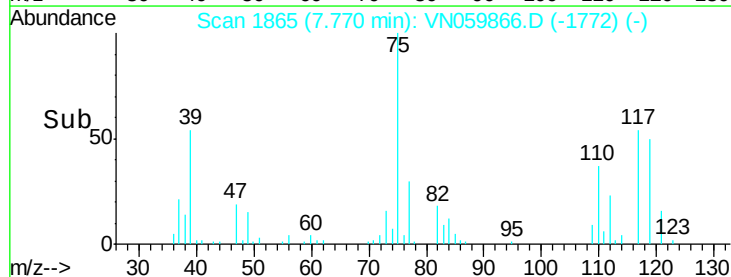
77 30.8 25.1 37.7

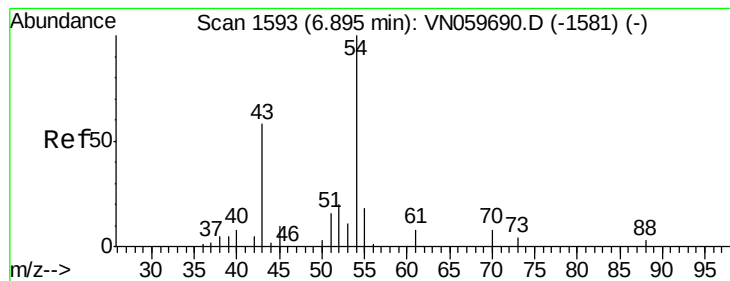


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 19.28 ug/l

RT: 6.90 min Scan# 1593

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampled :

VN0127MBS01

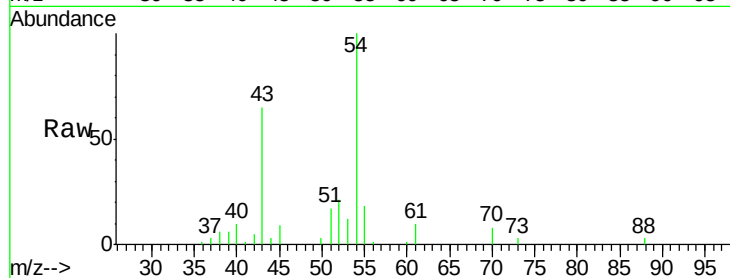
Tgt Ion: 43 Resp: 46839

Ion Ratio Lower Upper

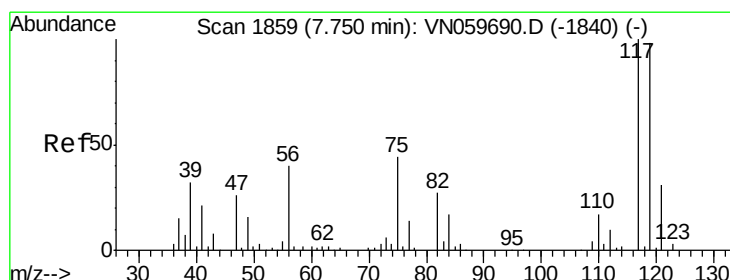
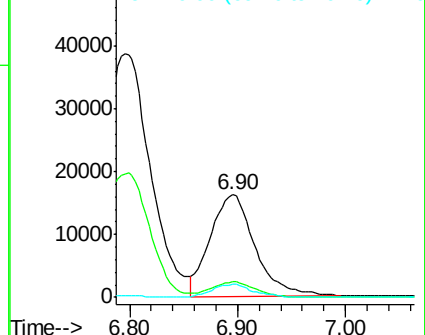
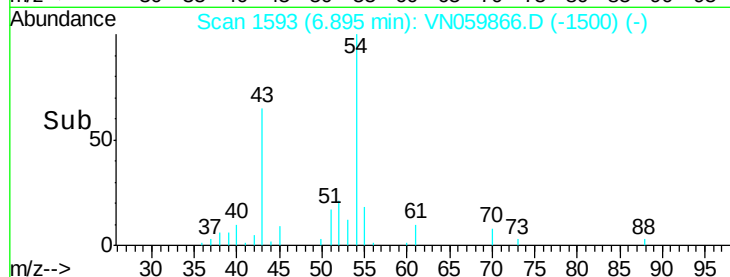
43 100

61 14.7 10.9 16.3

70 11.6 7.7 11.5#



Abundance Ion 43.00 (42.70 to 43.70): VN059866.D (-1500) (-)



#38

Carbon Tetrachloride

Concen: 20.28 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

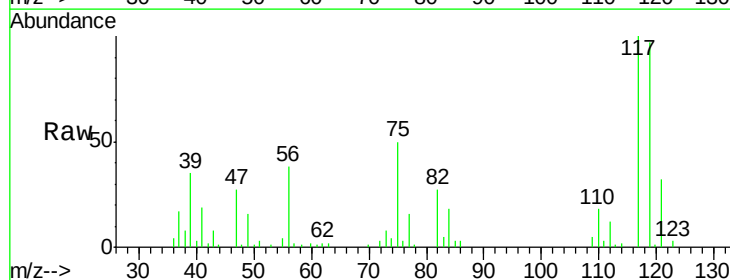
Tgt Ion: 117 Resp: 57145

Ion Ratio Lower Upper

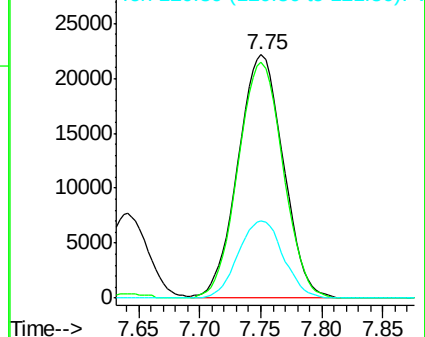
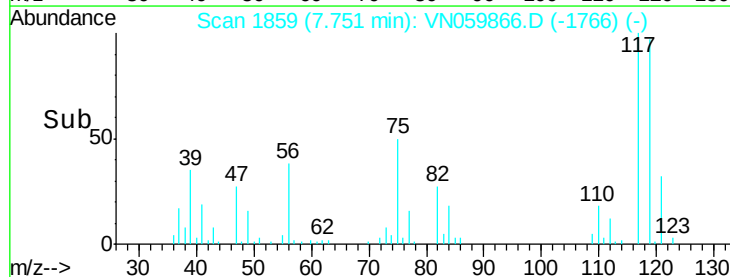
117 100

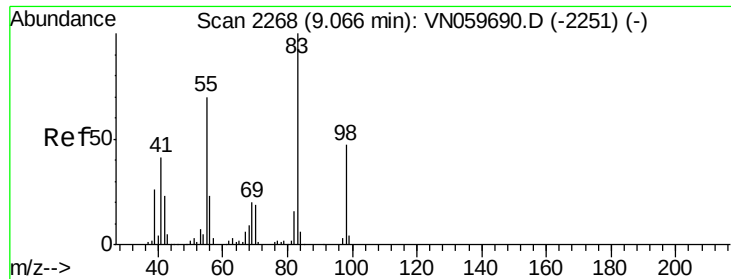
119 97.0 76.5 114.7

121 31.8 25.1 37.7



Abundance Ion 116.80 (116.50 to 117.50): VN059866.D (-1766) (-)

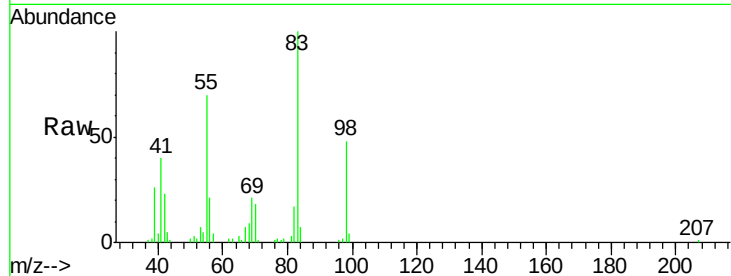




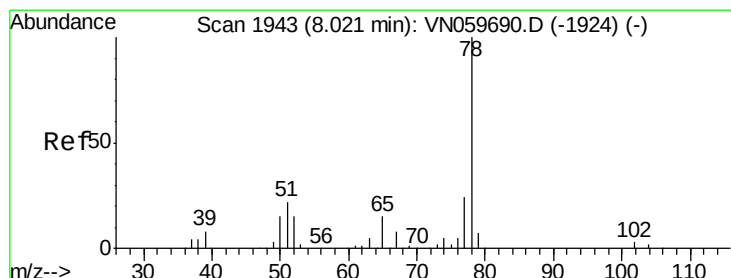
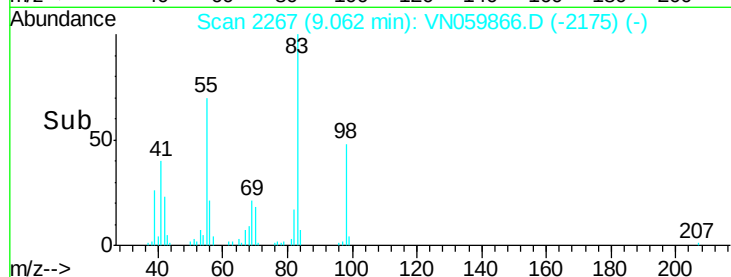
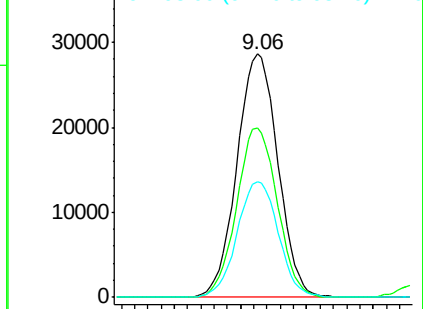
#39
Methylcyclohexane
Concen: 19.28 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

Tgt Ion: 83 Resp: 61580
Ion Ratio Lower Upper
83 100
55 69.8 64.2 96.2
98 47.6 35.9 53.9

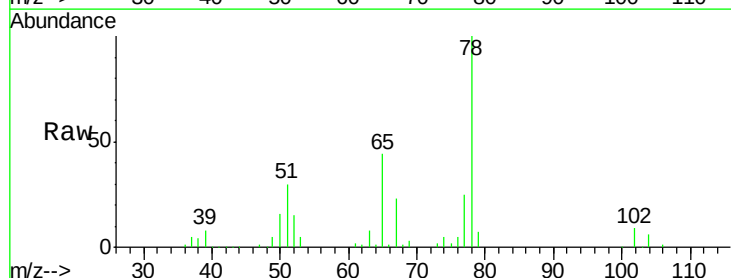


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

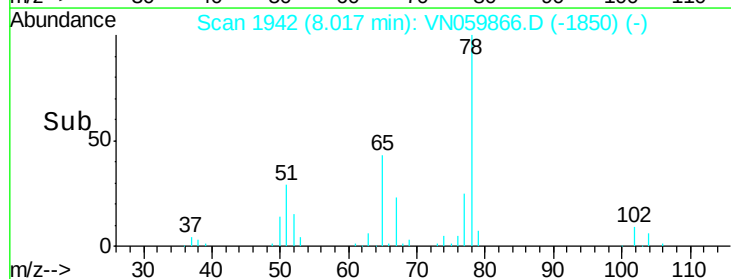
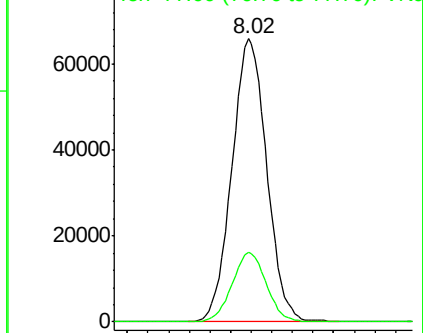


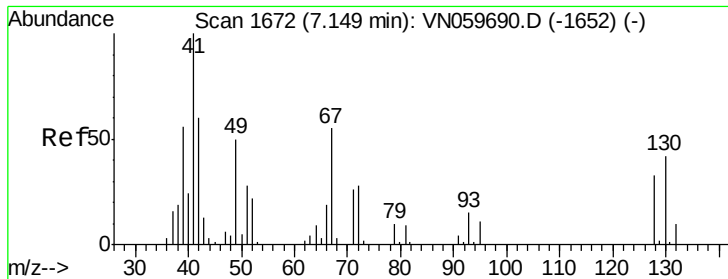
#40
Benzene
Concen: 20.01 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion: 78 Resp: 154626
Ion Ratio Lower Upper
78 100
77 24.5 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

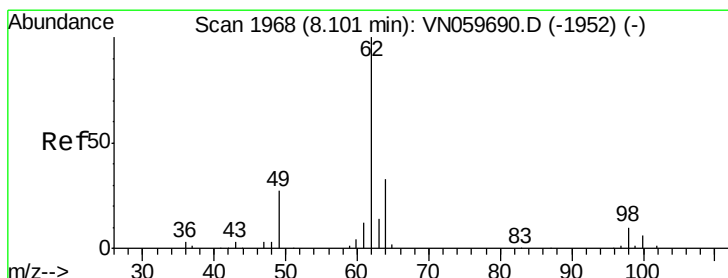
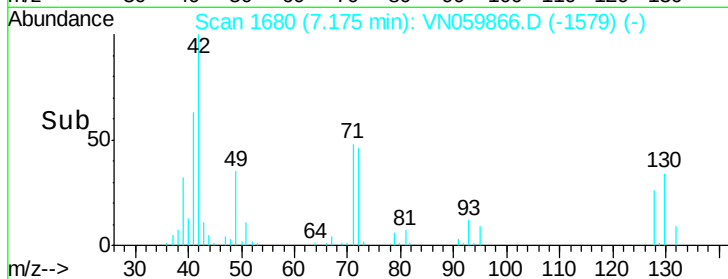
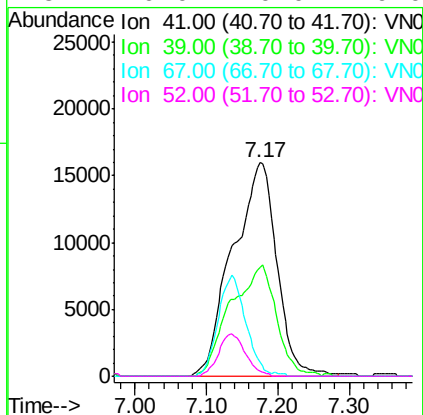
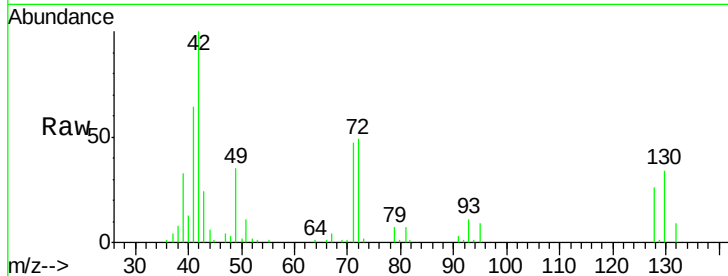




#41
Methacrylonitrile
Concen: 57.28 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

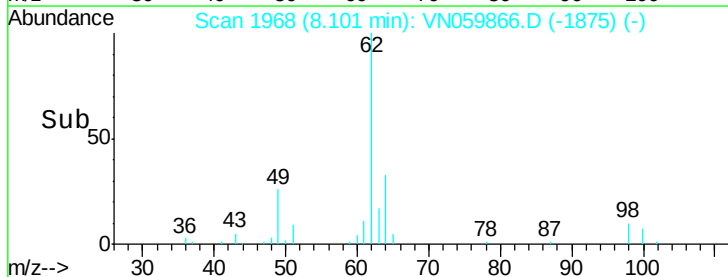
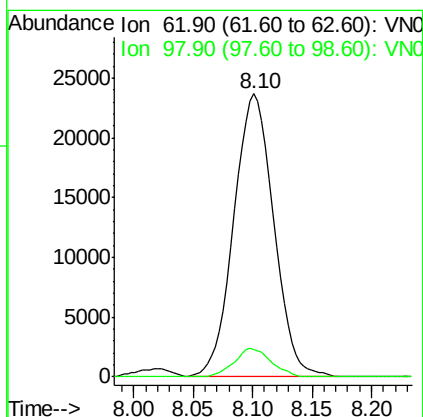
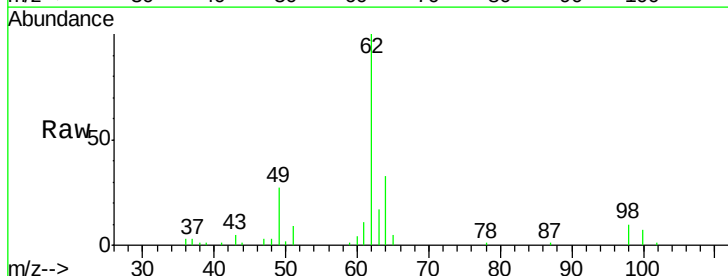
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

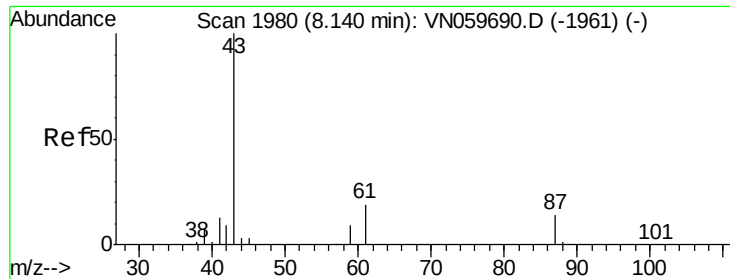
Tgt Ion:	41	Resp:	68555
Ion	Ratio	Lower	Upper
41	100		
39	53.9	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 21.10 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion:	62	Resp:	55284
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	15.8

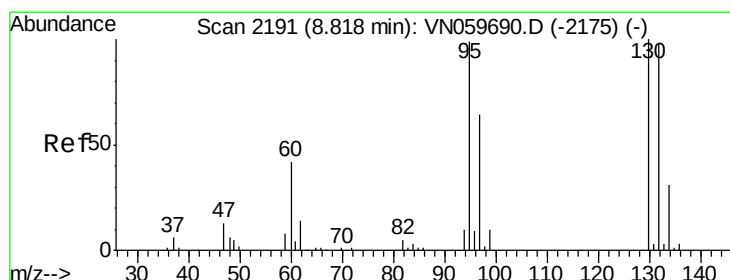
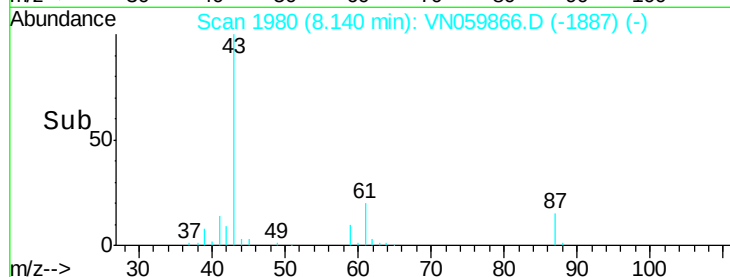
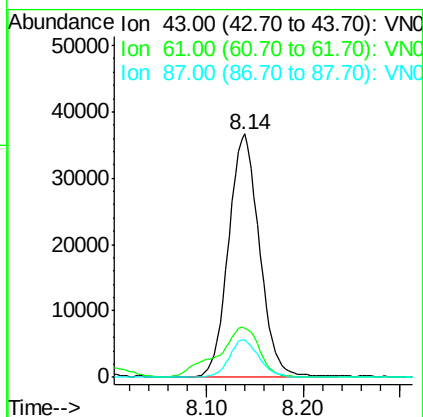
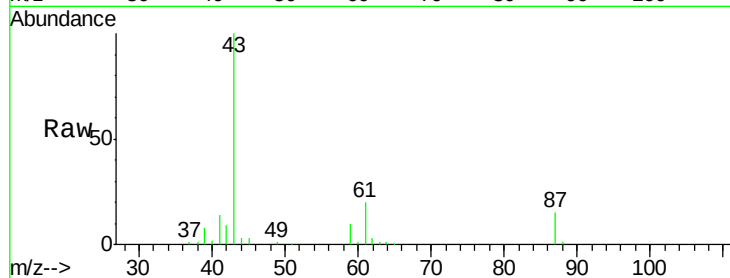




#43
Isopropyl Acetate
Concen: 19.53 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

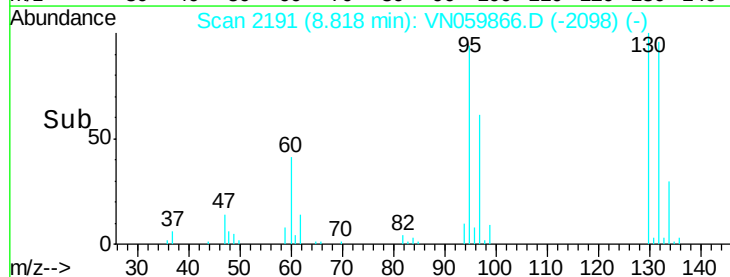
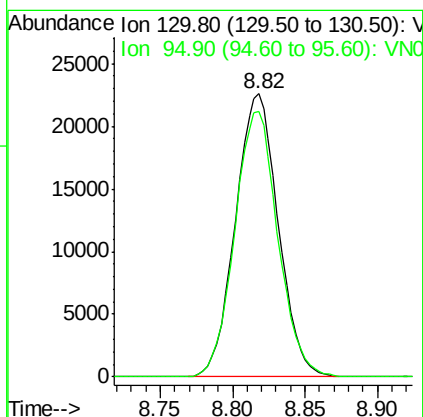
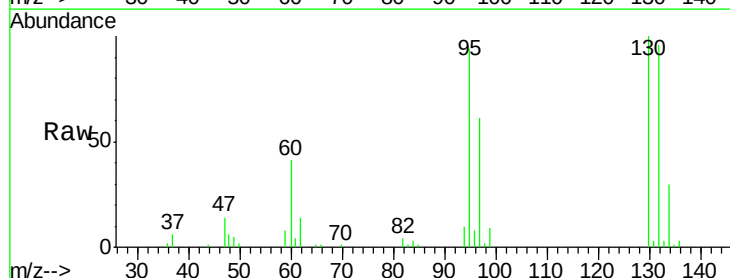
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

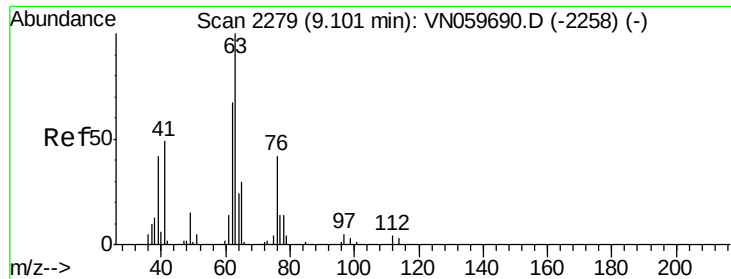
Tgt Ion: 43 Resp: 81623
Ion Ratio Lower Upper
43 100
61 27.8 20.2 30.2
87 14.7 9.5 14.3#



#44
Trichloroethene
Concen: 21.93 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion: 130 Resp: 46264
Ion Ratio Lower Upper
130 100
95 93.9 0.0 207.0

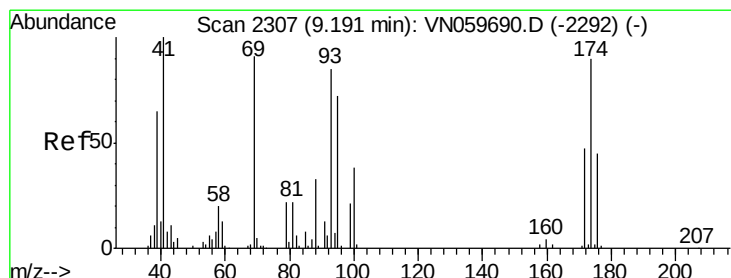
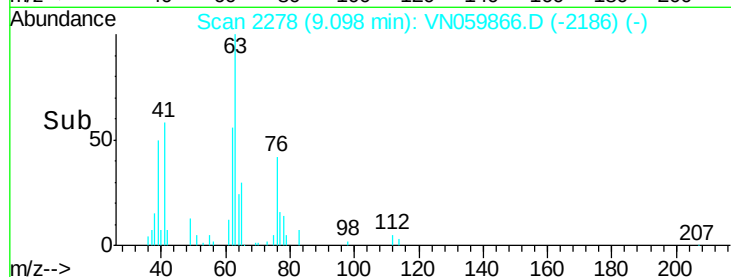
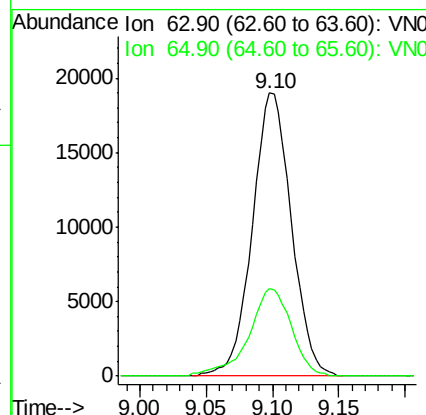
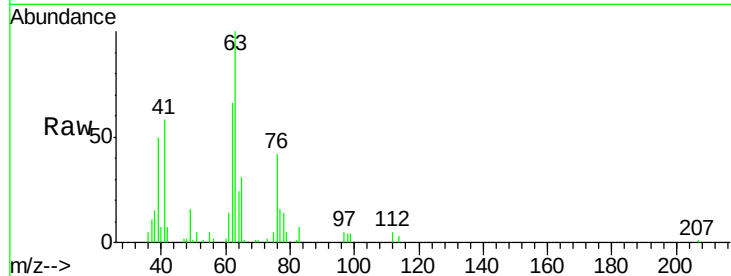




#45
 1,2-Dichloropropane
 Concen: 20.36 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

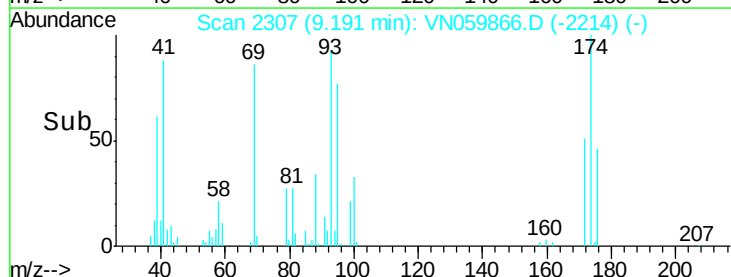
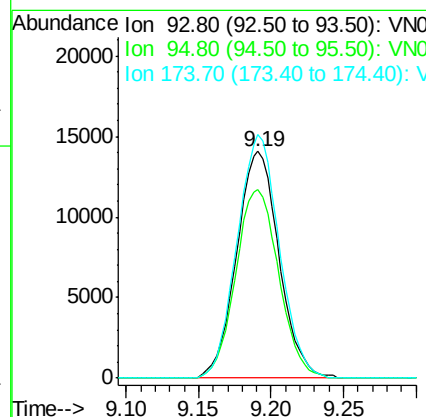
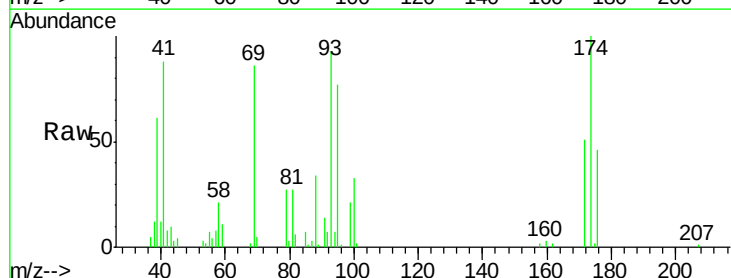
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBS01

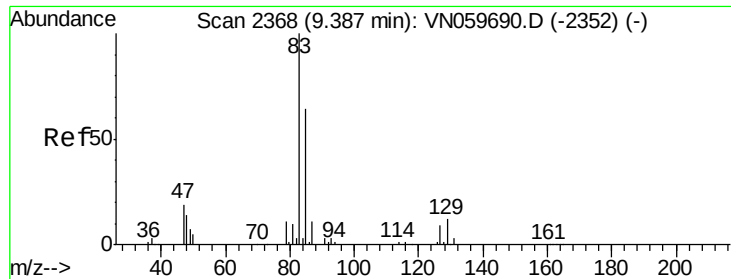
Tgt Ion: 63 Resp: 38927
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.9 37.3



#46
 Dibromomethane
 Concen: 21.22 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

Tgt Ion: 93 Resp: 28614
 Ion Ratio Lower Upper
 93 100
 95 84.5 67.0 100.6
 174 106.8 73.4 110.2

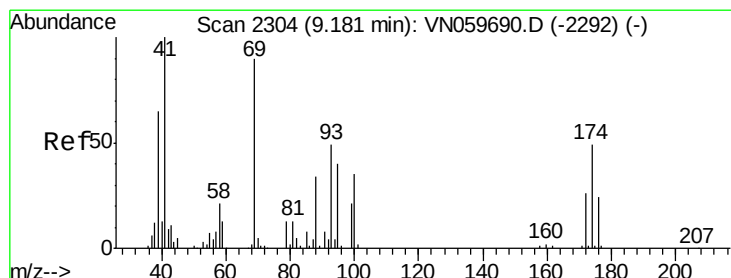
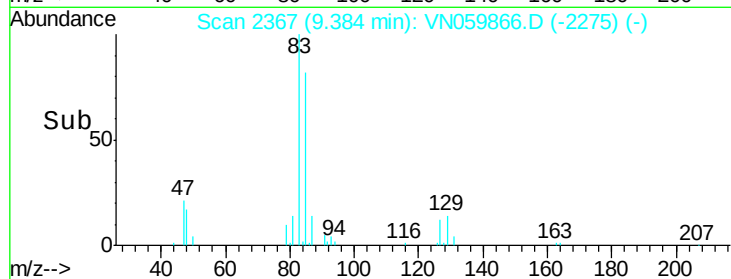
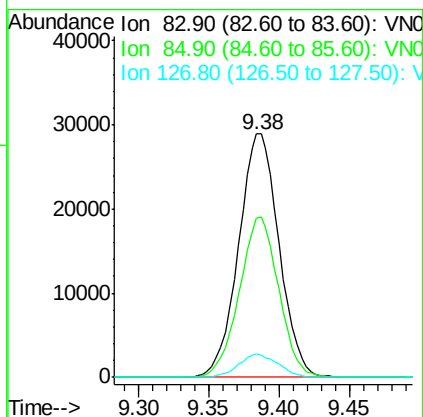
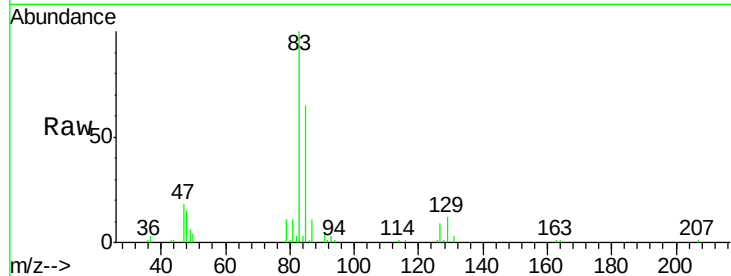




#47
Bromodichloromethane
Concen: 21.30 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

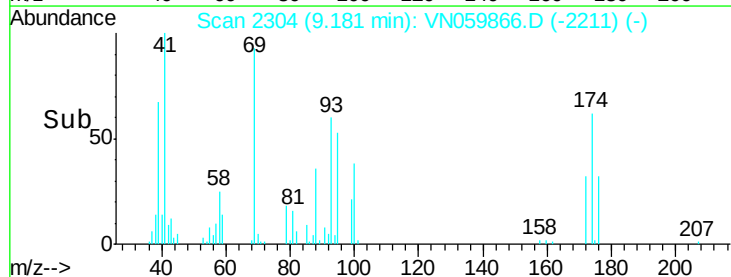
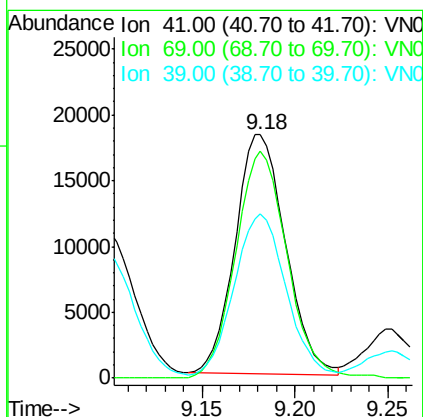
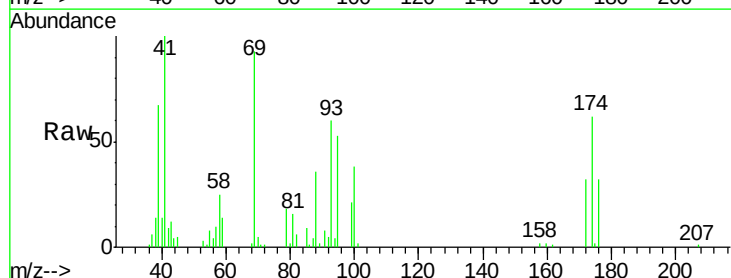
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

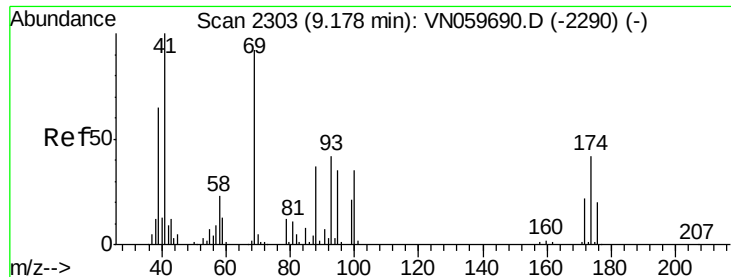
Tgt Ion: 83 Resp: 57885
Ion Ratio Lower Upper
83 100
85 65.1 51.1 76.7
127 9.4 6.6 9.8



#48
Methyl methacrylate
Concen: 18.50 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion: 41 Resp: 34590
Ion Ratio Lower Upper
41 100
69 96.2 64.4 96.6
39 71.1 51.3 76.9

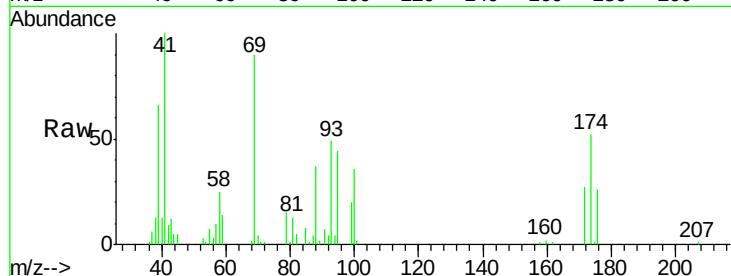




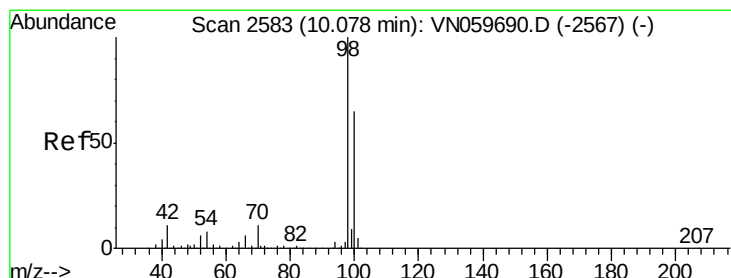
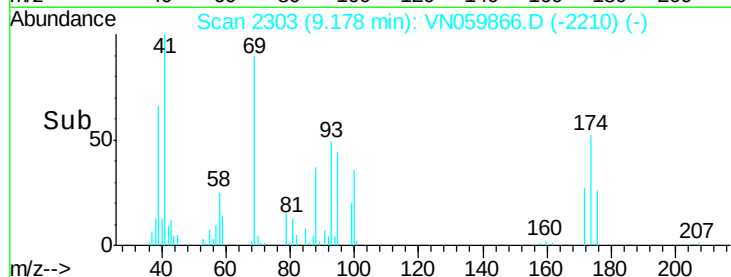
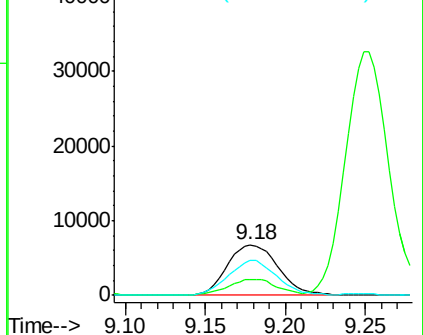
#49
 1,4-Dioxane
 Concen: 431.28 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBS01

Tgt Ion: 88 Resp: 14760
 Ion Ratio Lower Upper
 88 100
 43 31.0 29.7 44.5
 58 65.5 56.6 85.0

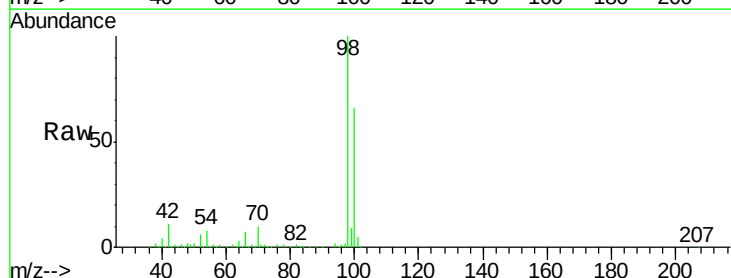


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

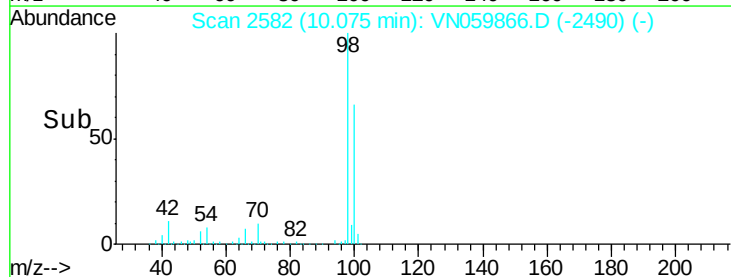
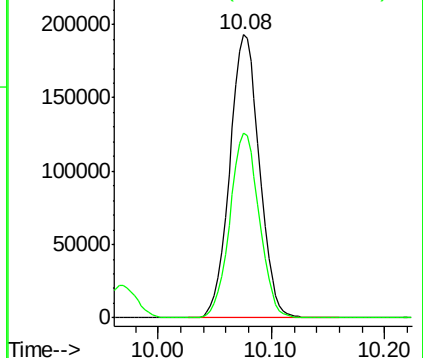


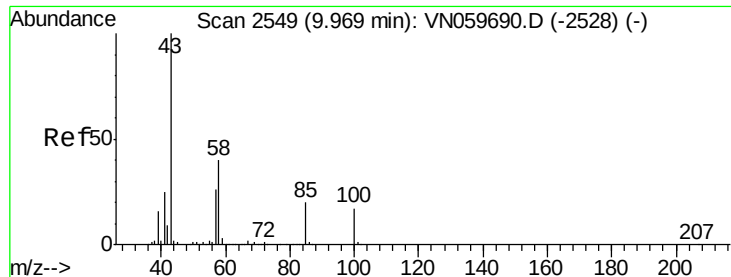
#50
 Toluene-d8
 Concen: 51.11 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

Tgt Ion: 98 Resp: 351348
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

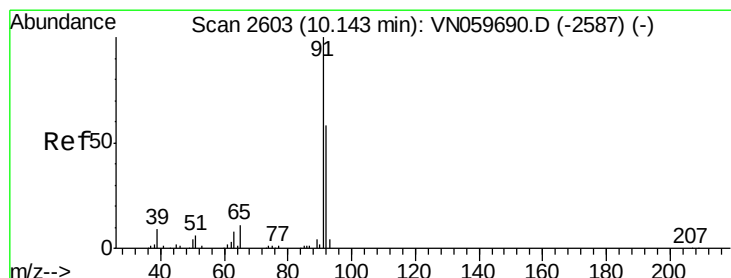
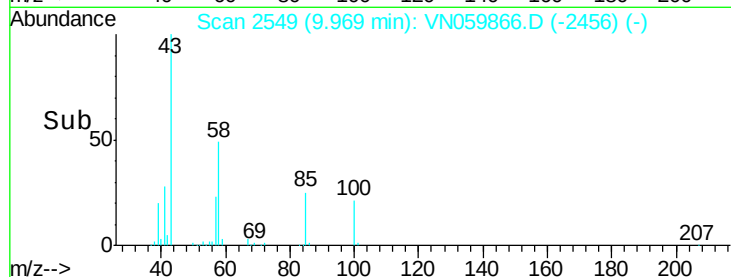
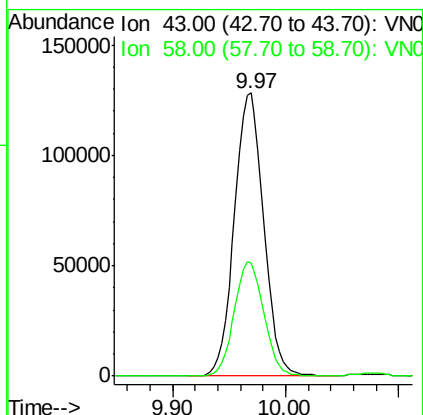
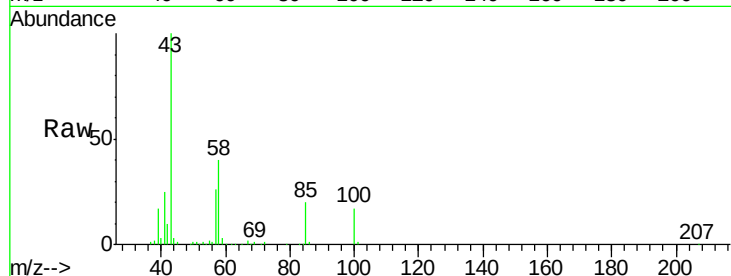




#51
 4-Methyl-2-Pentanone
 Concen: 96.15 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

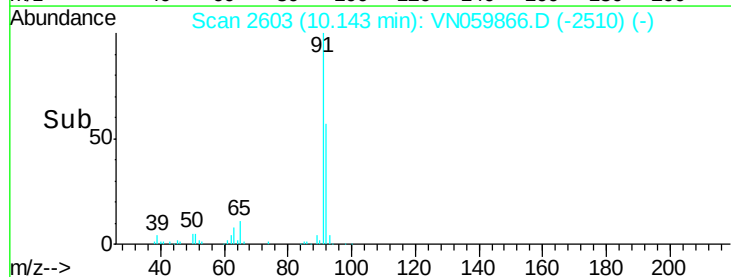
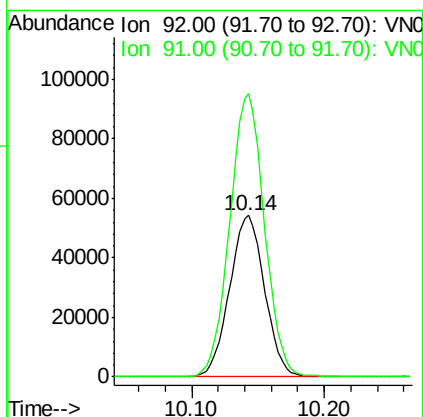
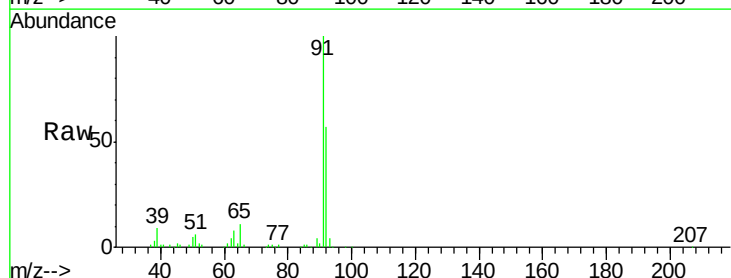
Instrument :
 MSVOA_N
 ClientSampled :
 VN0127MBS01

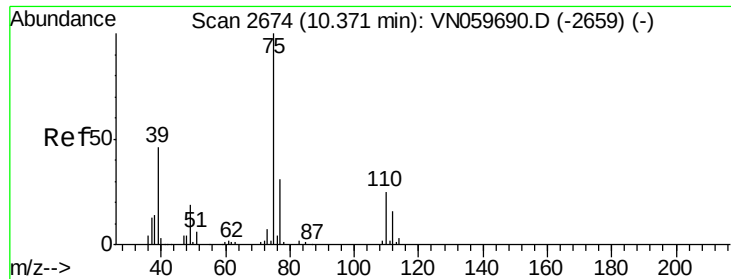
Tgt Ion: 43 Resp: 232303
 Ion Ratio Lower Upper
 43 100
 58 40.7 29.8 44.8



#52
 Toluene
 Concen: 20.34 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

Tgt Ion: 92 Resp: 99254
 Ion Ratio Lower Upper
 92 100
 91 174.0 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 20.79 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

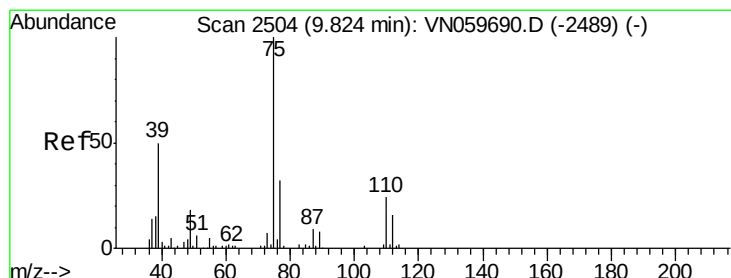
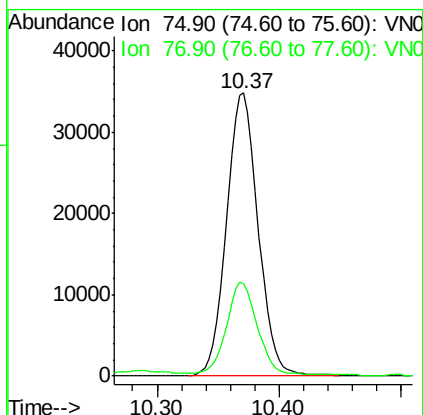
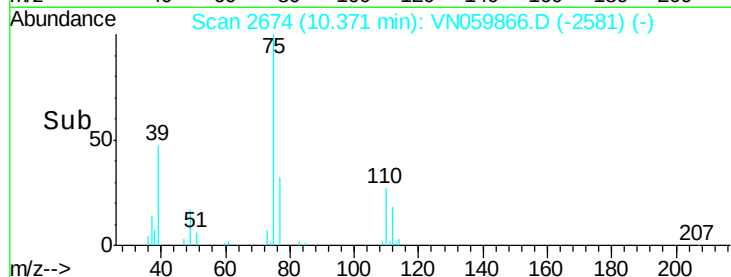
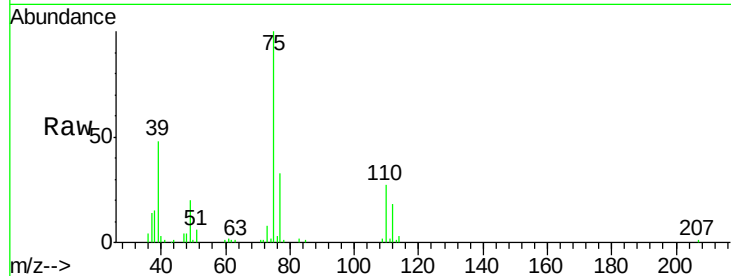
VN0127MBS01

Tgt Ion: 75 Resp: 63079

Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.74 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

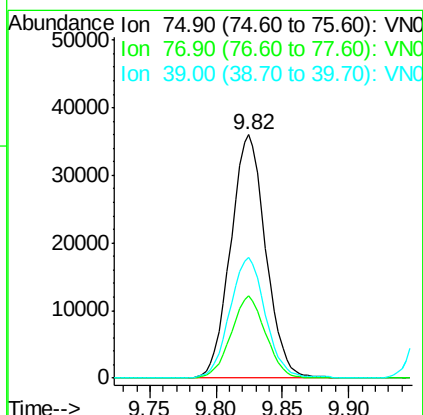
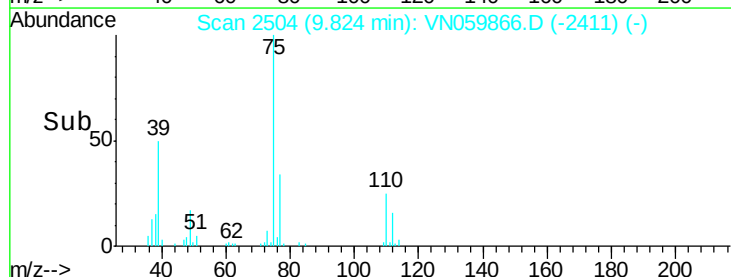
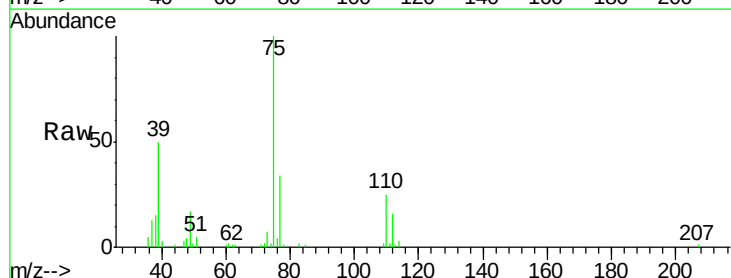
Tgt Ion: 75 Resp: 66239

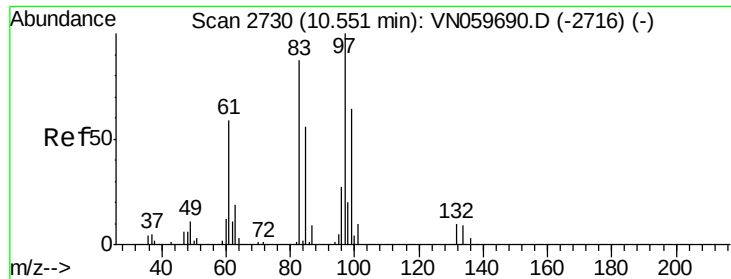
Ion Ratio Lower Upper

75 100

77 33.6 25.1 37.7

39 49.5 46.1 69.1

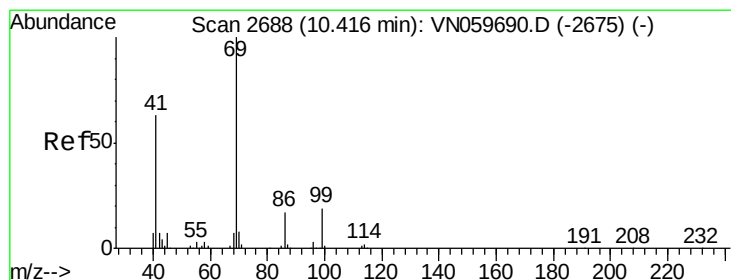
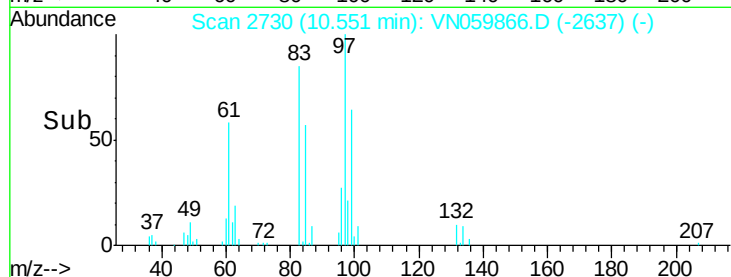
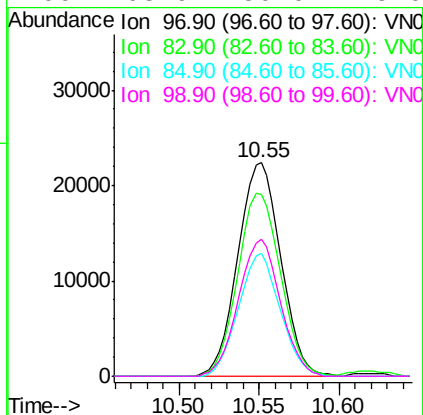
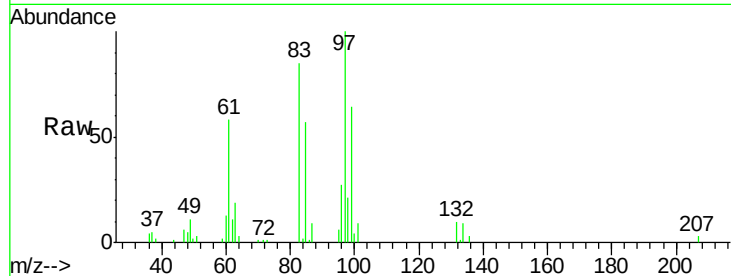




#55
 1,1,2-Trichloroethane
 Concen: 21.22 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

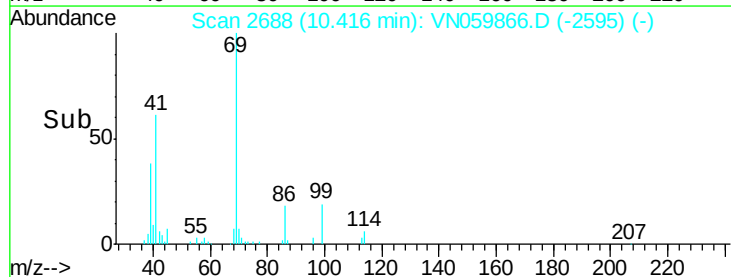
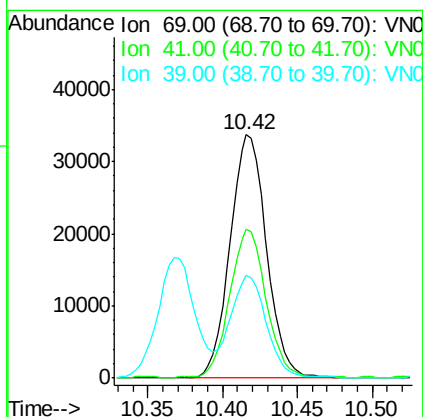
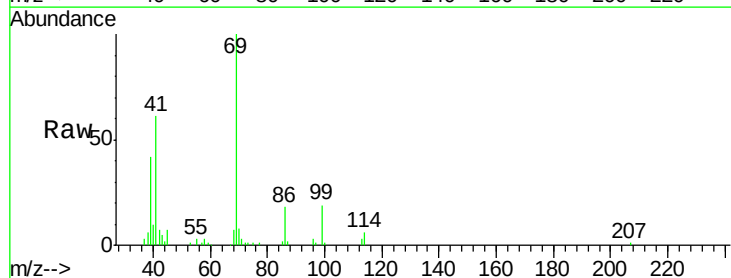
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBS01

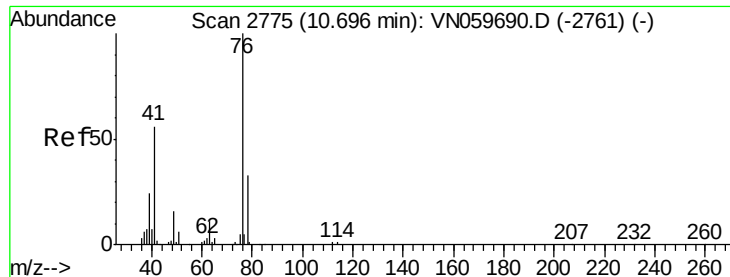
Tgt Ion:	97	Resp:	41018
Ion	Ratio	Lower	Upper
97	100		
83	85.1	71.3	106.9
85	57.5	45.8	68.8
99	63.9	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 19.36 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

Tgt Ion:	69	Resp:	57169
Ion	Ratio	Lower	Upper
69	100		
41	61.9	57.1	85.7
39	42.4	34.7	52.1





#57

1,3-Dichloropropane

Concen: 21.64 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

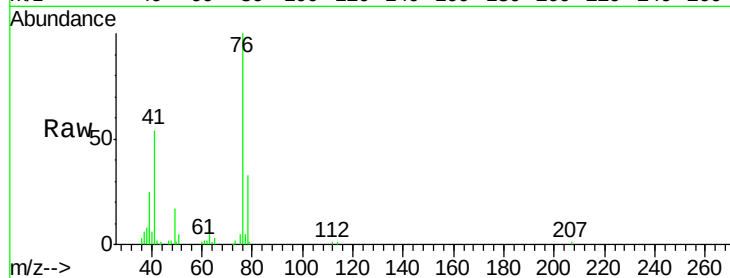
VN0127MBS01

Tgt Ion: 76 Resp: 66409

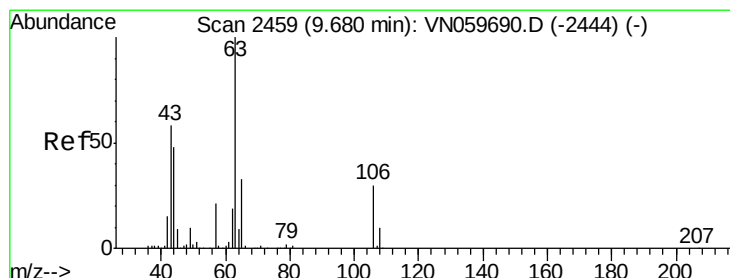
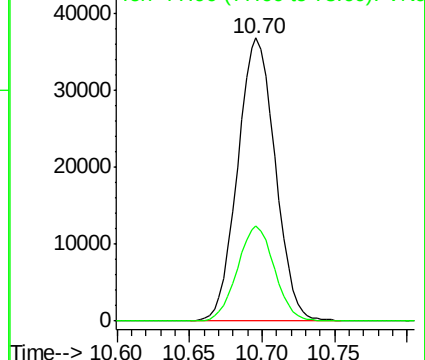
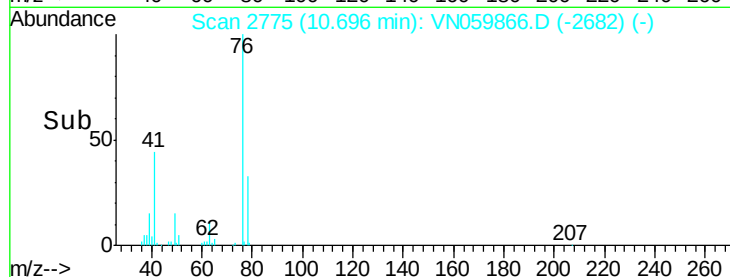
Ion Ratio Lower Upper

76 100

78 33.0 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN059866.D (-2682) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 106.67 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059866.D

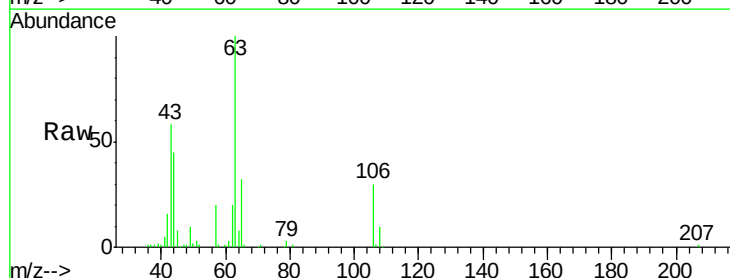
Acq: 27 Jan 2020 12:42

Tgt Ion: 63 Resp: 94895

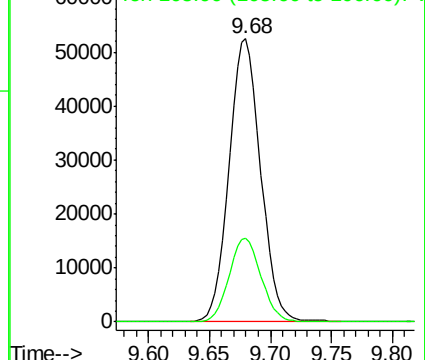
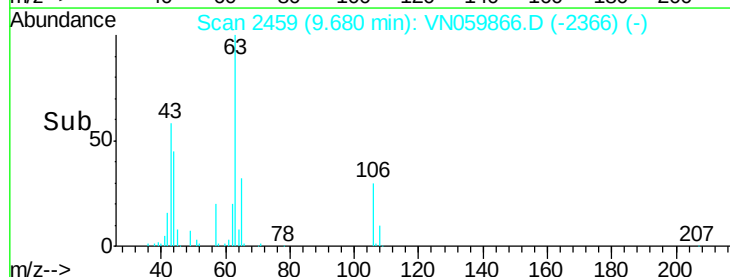
Ion Ratio Lower Upper

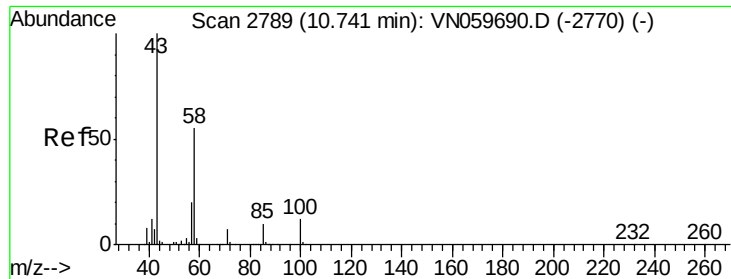
63 100

106 29.9 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN059866.D (-2366) (-)

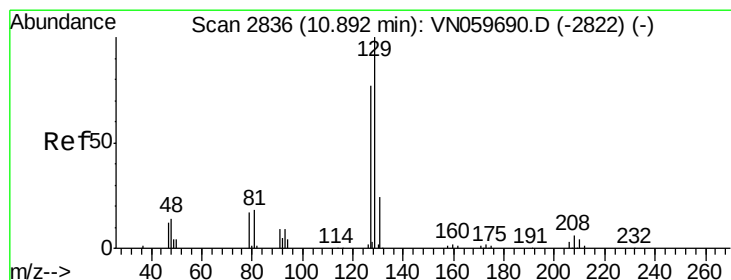
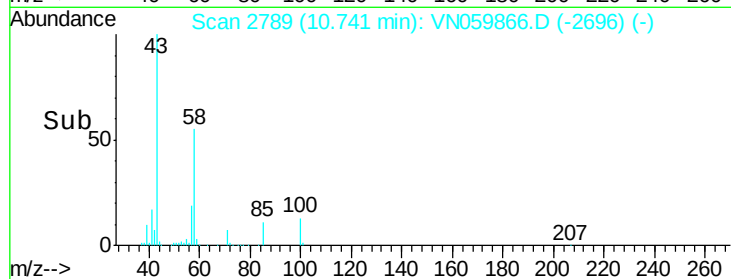
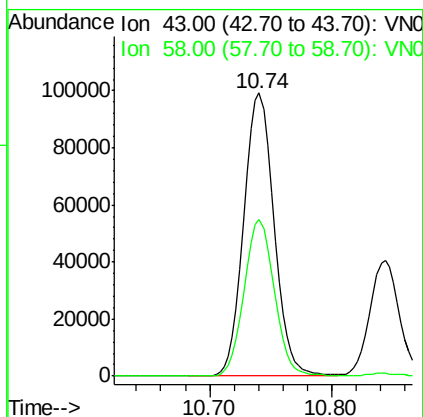
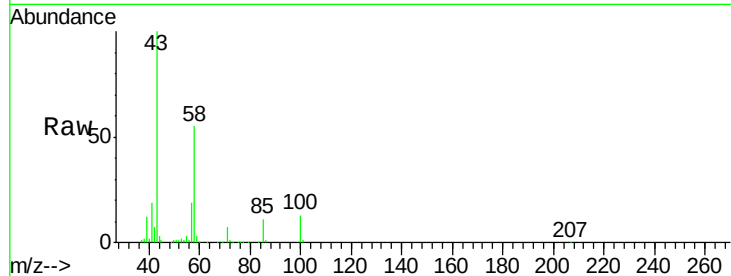




#59
2-Hexanone
Concen: 95.35 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

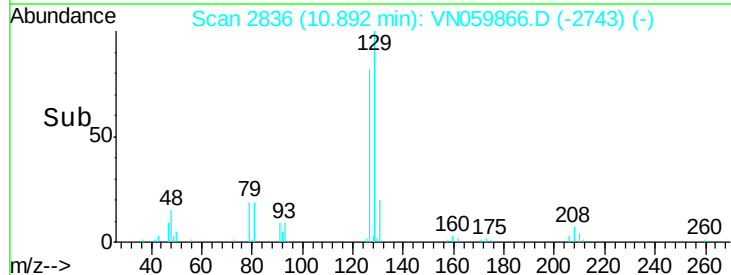
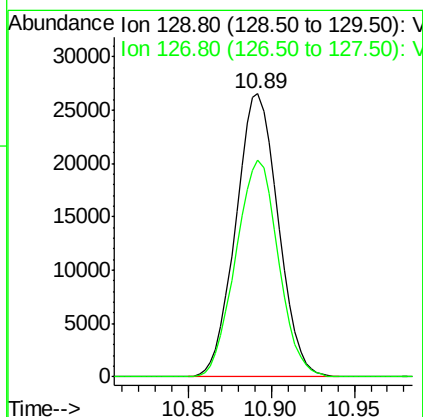
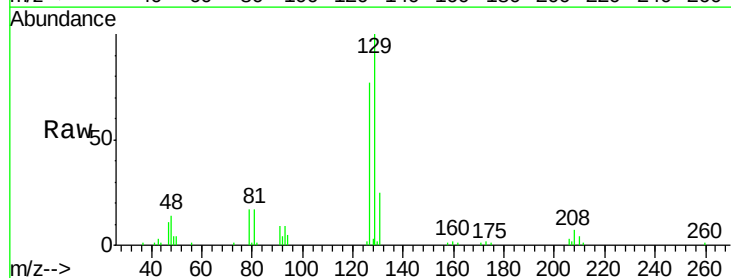
Instrument :
MSVOA_N
ClientSampled :
VN0127MBS01

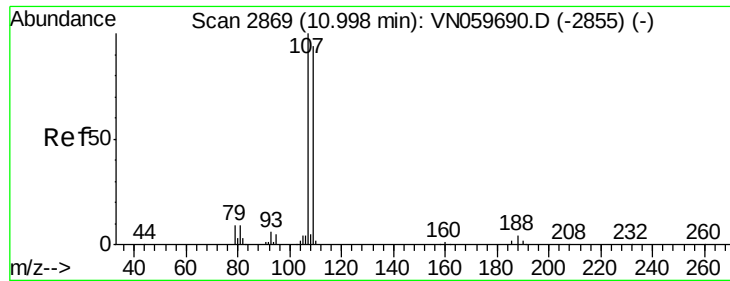
Tgt Ion: 43 Resp: 169708
Ion Ratio Lower Upper
43 100
58 55.0 25.8 77.3



#60
Dibromochloromethane
Concen: 21.52 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion: 129 Resp: 47361
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5

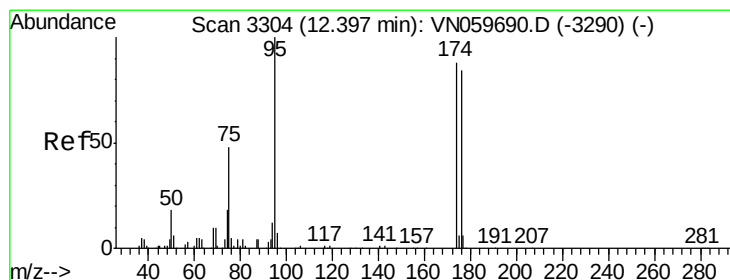
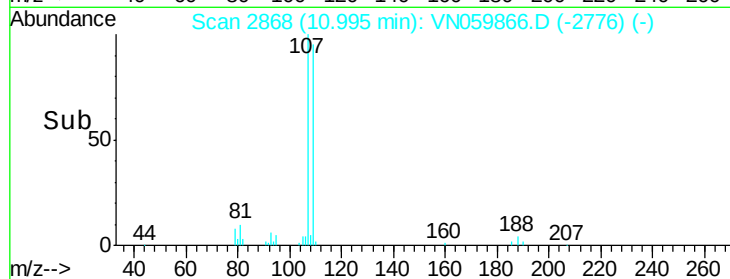
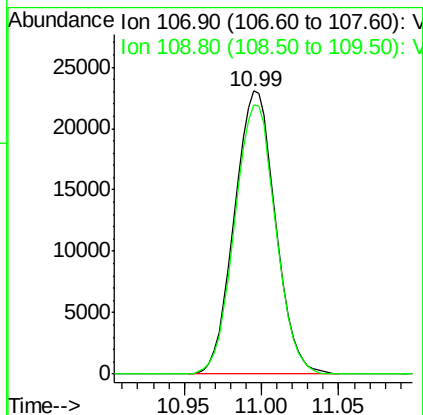
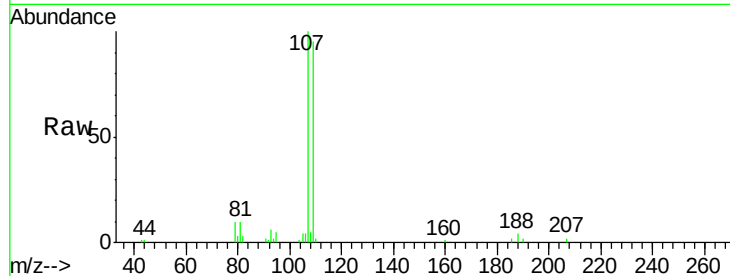




#61
 1,2-Dibromoethane
 Concen: 20.97 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

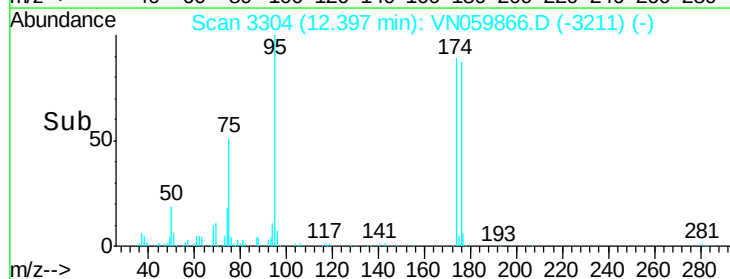
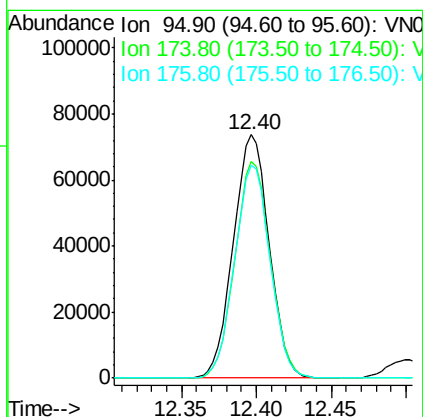
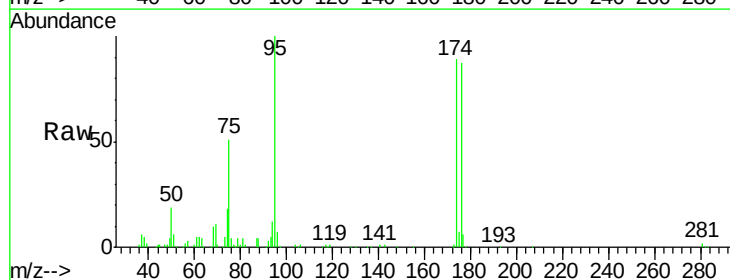
Instrument :
 MSVOA_N
 ClientSampled :
 VN0127MBS01

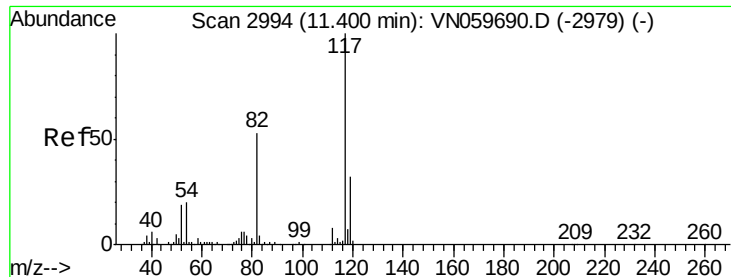
Tgt Ion: 107 Resp: 42487
 Ion Ratio Lower Upper
 107 100
 109 95.1 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 49.71 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

Tgt Ion: 95 Resp: 123174
 Ion Ratio Lower Upper
 95 100
 174 87.9 0.0 151.4
 176 86.7 0.0 146.0

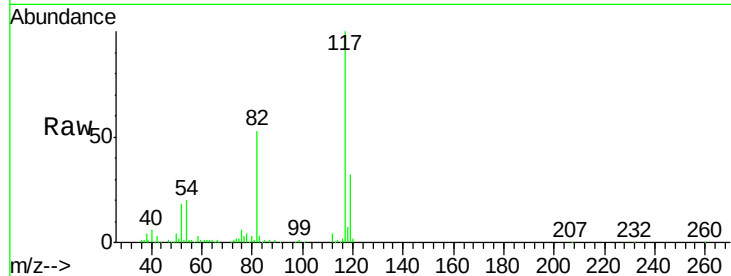




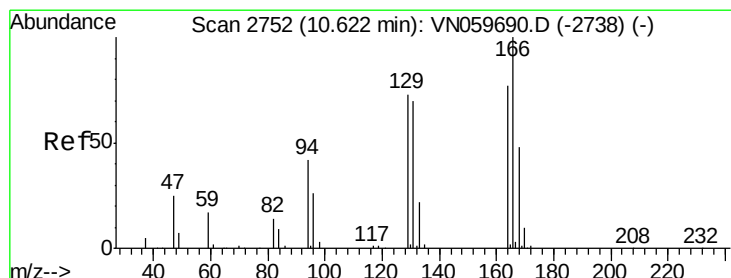
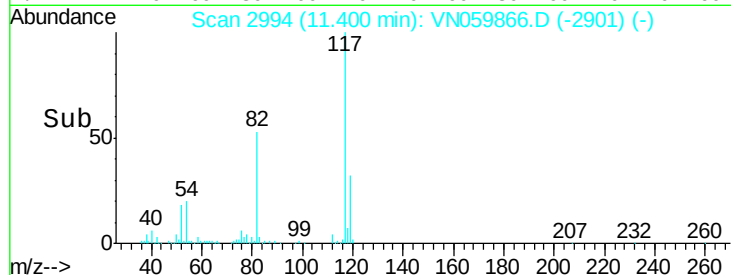
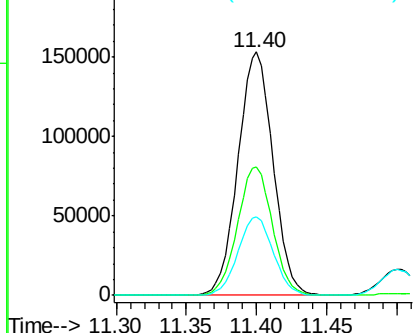
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

Tgt Ion:117 Resp: 266971
Ion Ratio Lower Upper
117 100
82 53.0 45.9 68.9
119 32.5 25.5 38.3

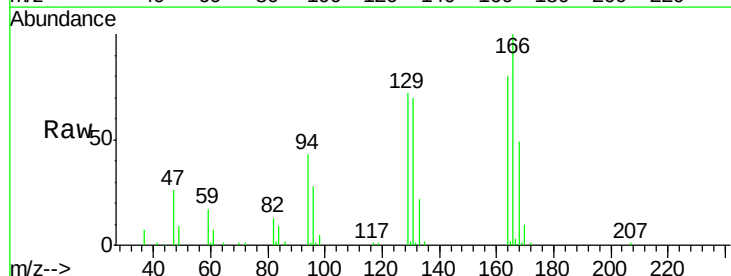


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

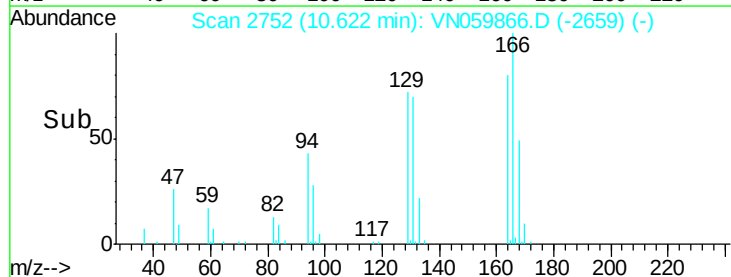
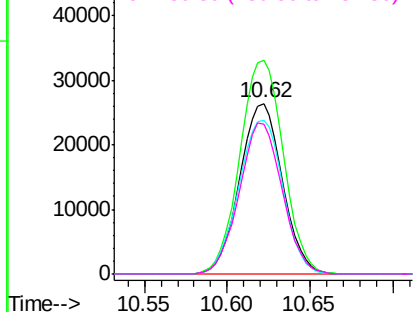


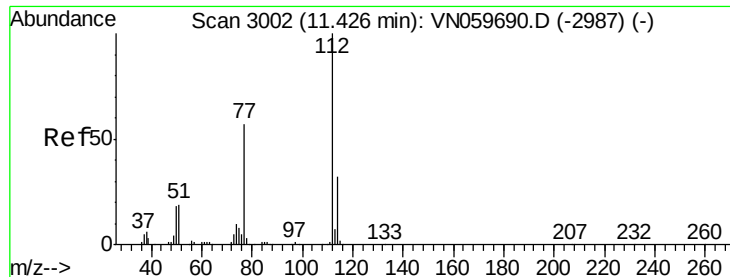
#64
Tetrachloroethene
Concen: 21.80 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion:164 Resp: 47436
Ion Ratio Lower Upper
164 100
166 125.4 101.4 152.0
129 90.5 80.2 120.4
131 88.3 75.0 112.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

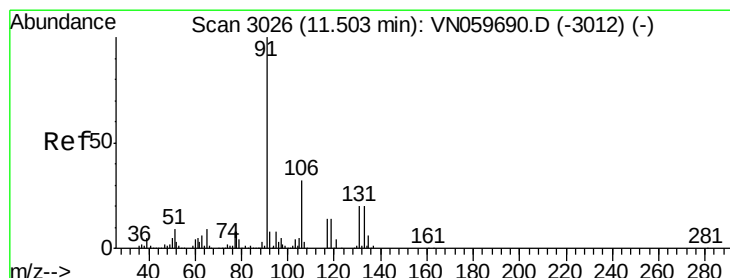
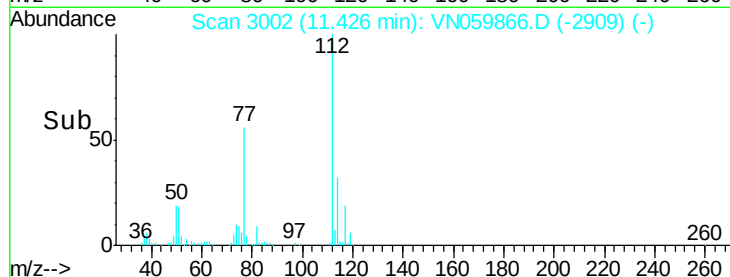
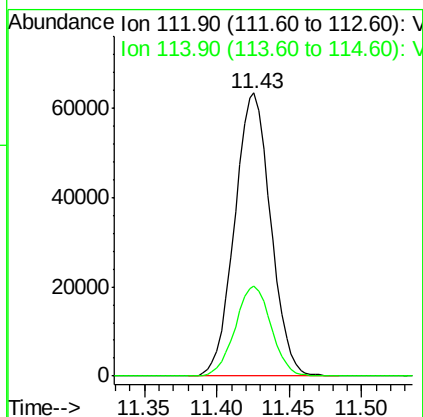
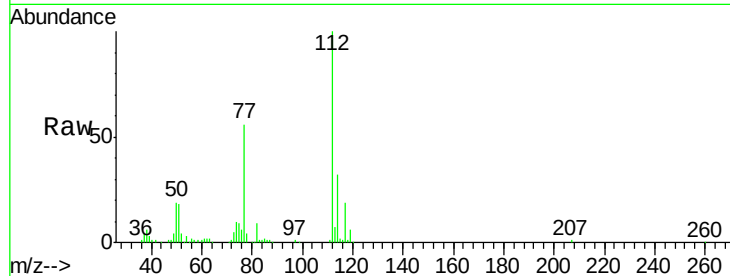




#65
Chlorobenzene
Concen: 20.85 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

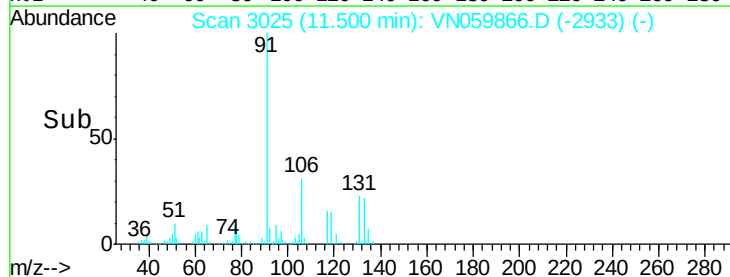
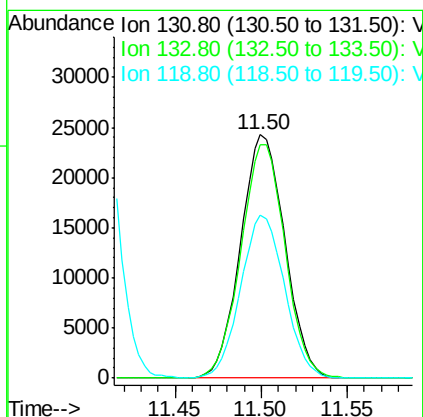
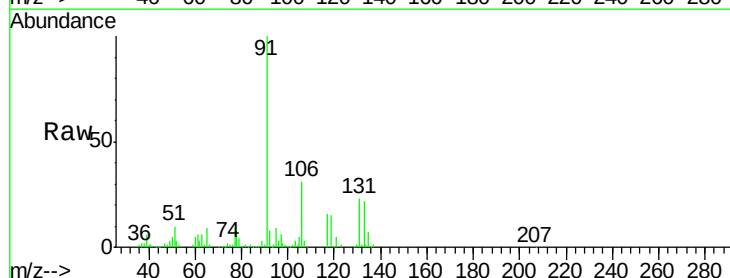
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

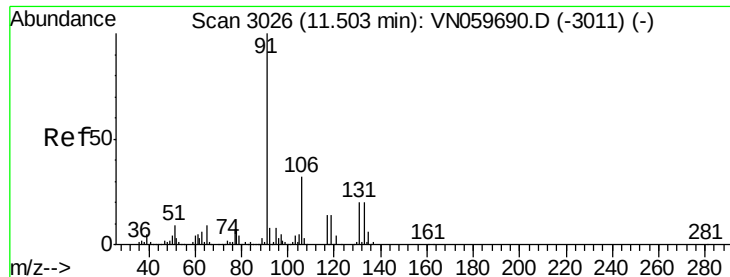
Tgt Ion:112 Resp: 109408
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 21.41 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion:131 Resp: 43404
Ion Ratio Lower Upper
131 100
133 95.8 47.4 142.2
119 66.4 33.1 99.3





#67

Ethyl Benzene

Concen: 20.03 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

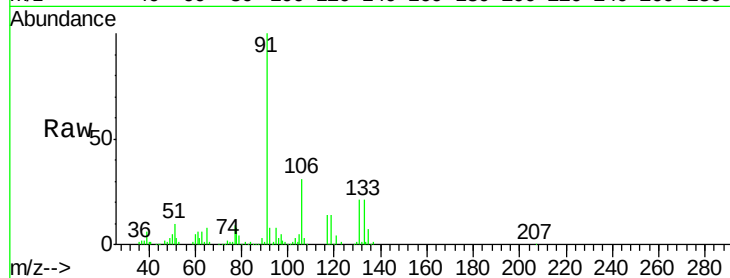
VN0127MBS01

Tgt Ion: 91 Resp: 190773

Ion Ratio Lower Upper

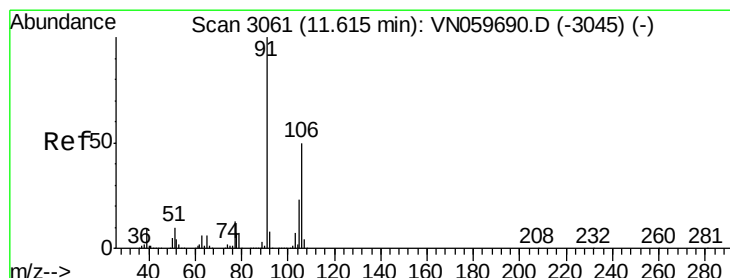
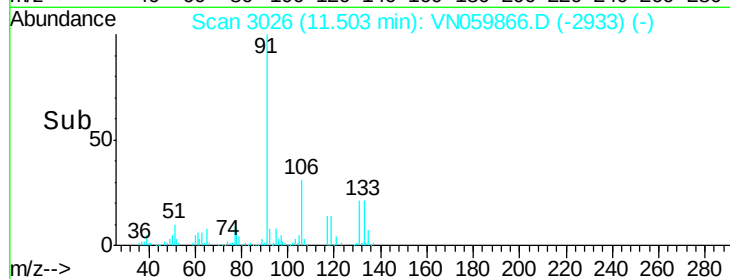
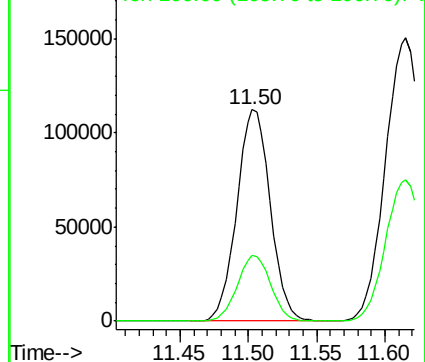
91 100

106 31.0 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.30 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059866.D

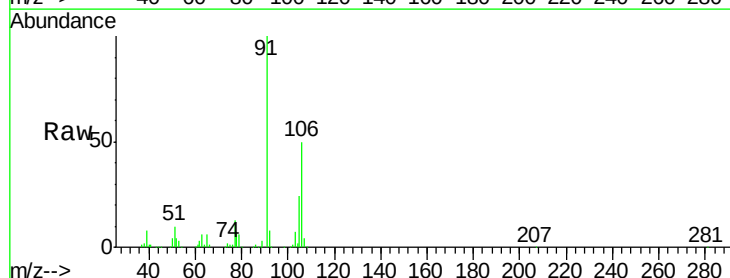
Acq: 27 Jan 2020 12:42

Tgt Ion: 106 Resp: 144994

Ion Ratio Lower Upper

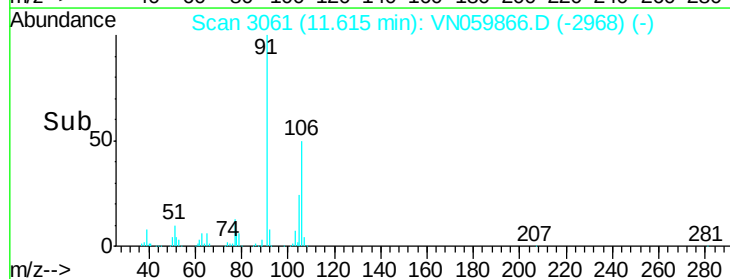
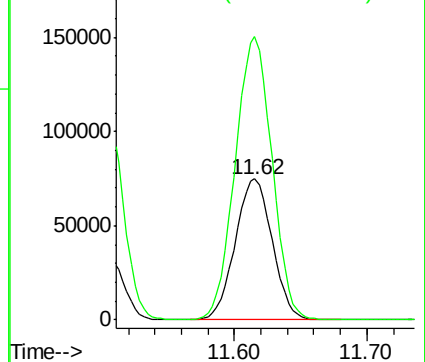
106 100

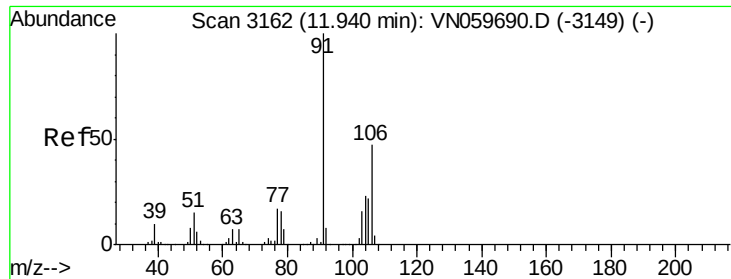
91 199.8 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

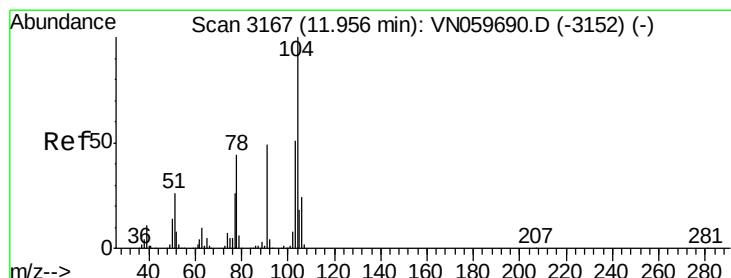
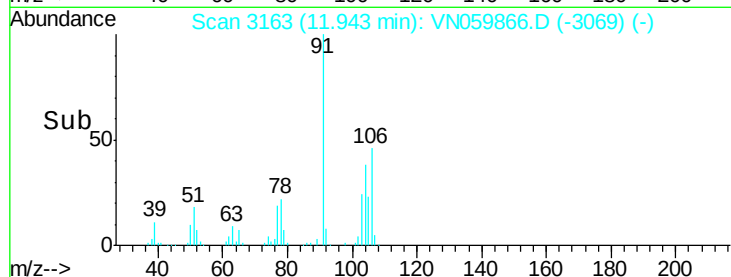
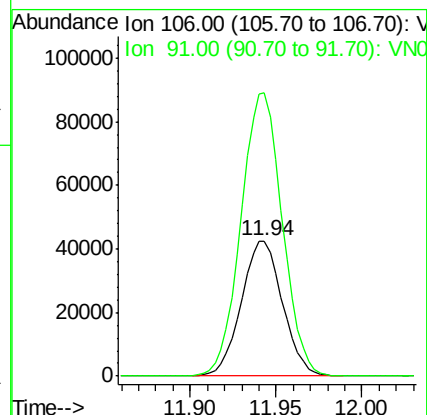
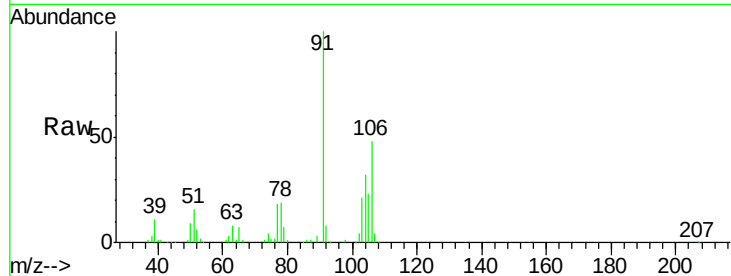




#69
o-Xylene
Concen: 20.08 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

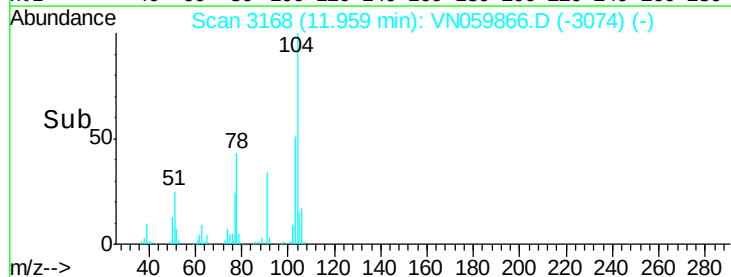
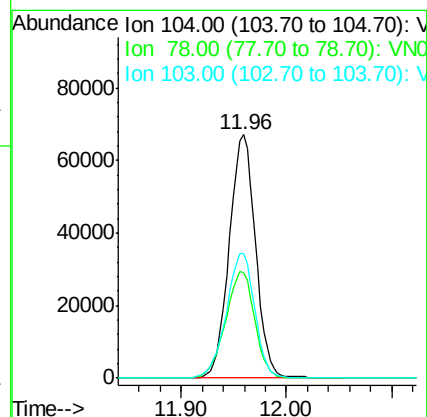
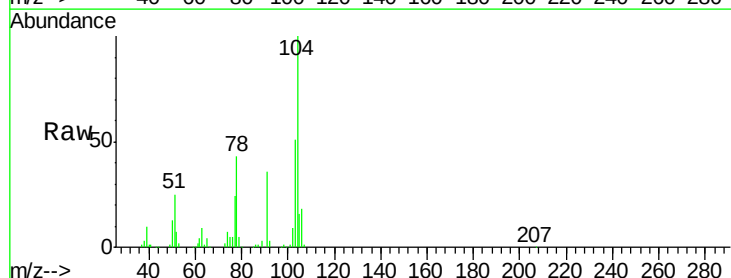
Instrument :
MSVOA_N
ClientSampled :
VN0127MBS01

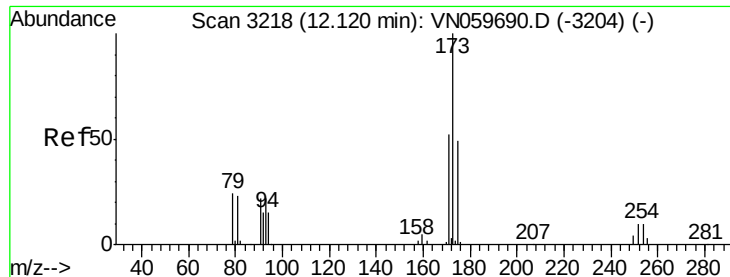
Tgt Ion:106 Resp: 70746
Ion Ratio Lower Upper
106 100
91 210.6 110.3 330.9



#70
Styrene
Concen: 19.59 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion:104 Resp: 115484
Ion Ratio Lower Upper
104 100
78 48.7 42.4 63.6
103 55.5 43.9 65.9

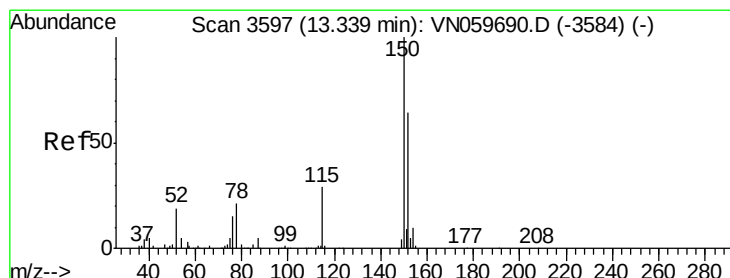
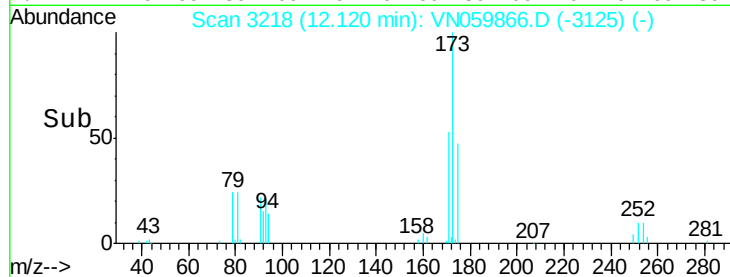
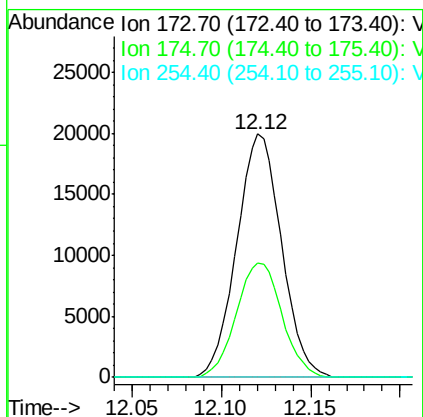
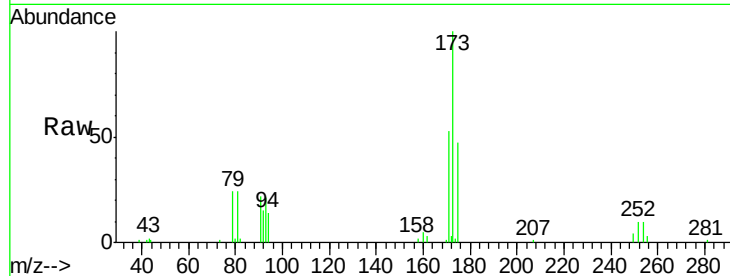




#71
Bromoform
Concen: 21.56 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

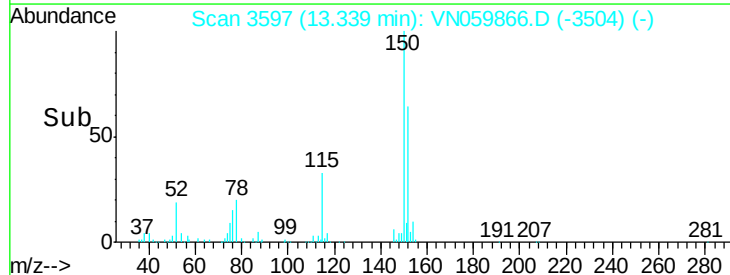
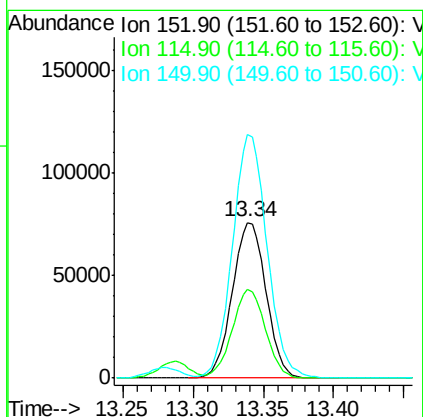
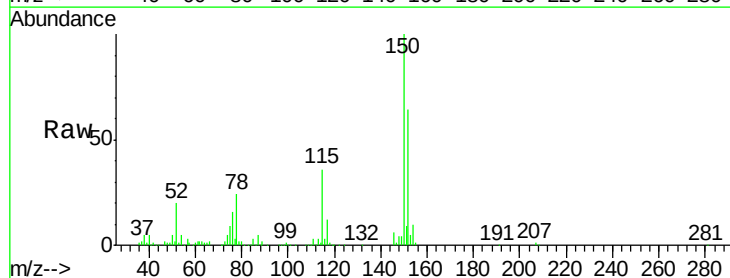
Instrument :
MSVOA_N
ClientSampled :
VN0127MBS01

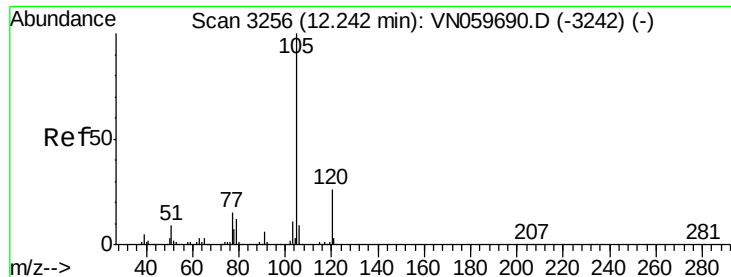
Tgt Ion:173 Resp: 35009
Ion Ratio Lower Upper
173 100
175 47.9 23.8 71.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion:152 Resp: 126725
Ion Ratio Lower Upper
152 100
115 56.1 30.3 90.9
150 160.3 0.0 345.2





#73

Isopropylbenzene

Concen: 20.31 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

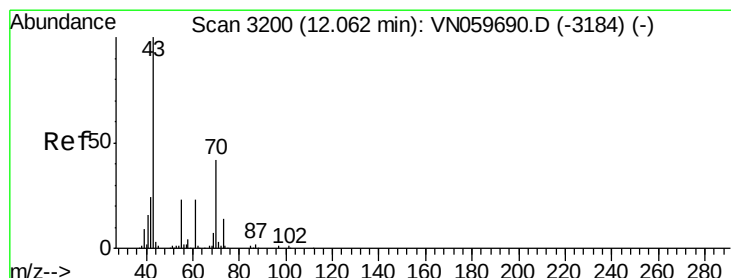
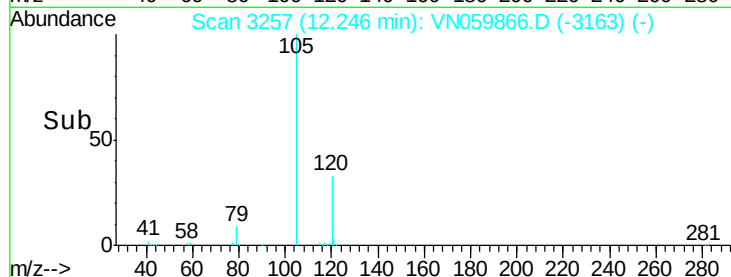
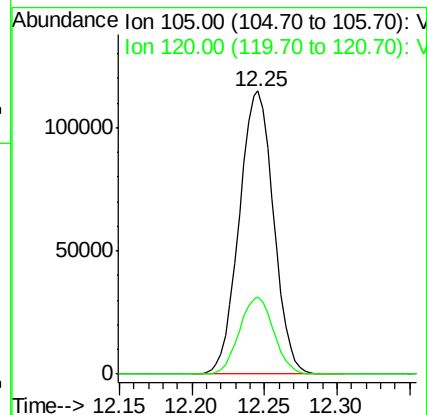
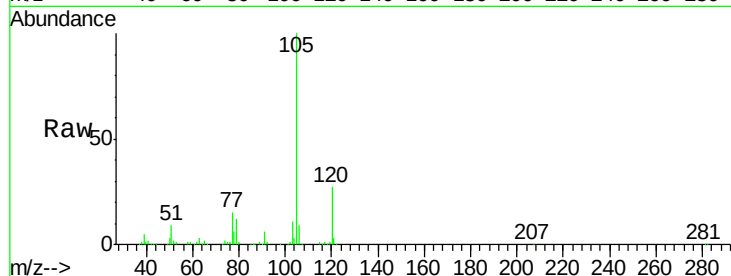
VN0127MBS01

Tgt Ion: 105 Resp: 188719

Ion Ratio Lower Upper

105 100

120 27.1 13.2 39.5



#74

N-ethyl acetate

Concen: 18.20 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Tgt Ion: 43 Resp: 65645

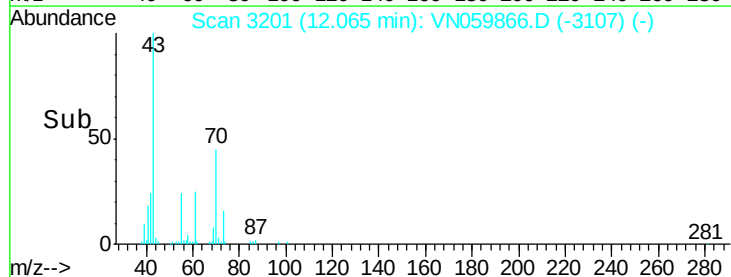
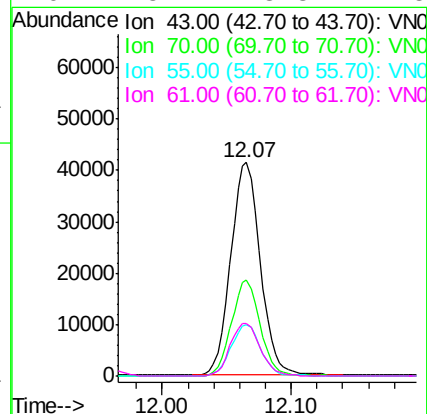
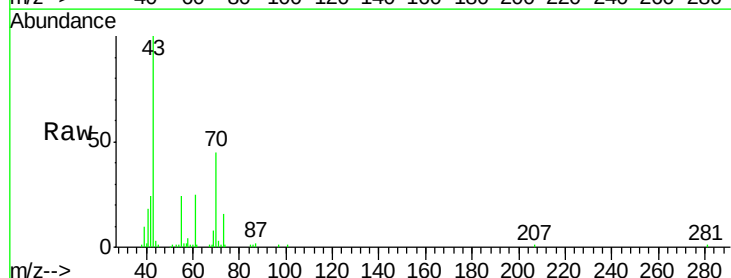
Ion Ratio Lower Upper

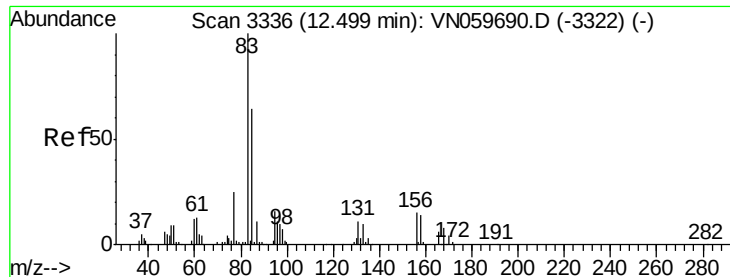
43 100

70 43.7 31.3 46.9

55 24.3 19.8 29.6

61 25.1 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.21 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBS01

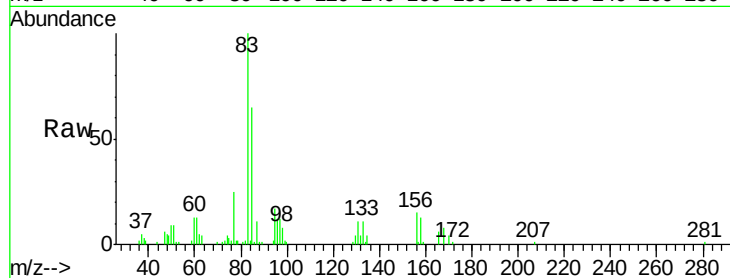
Tgt Ion: 83 Resp: 54456

Ion Ratio Lower Upper

83 100

131 11.3 5.0 14.9

85 65.4 31.9 95.5

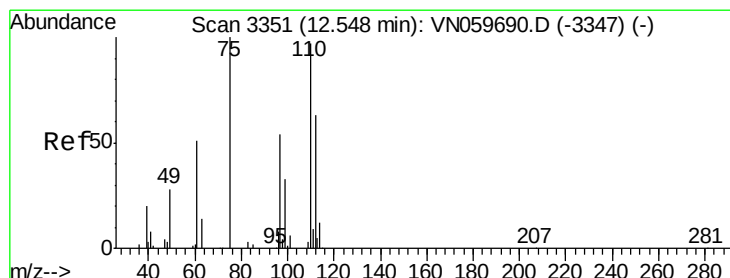
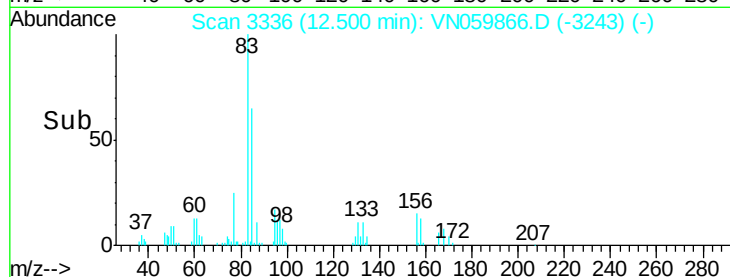


Abundance Ion 82.90 (82.60 to 83.60): VN059866.D (-3336) (-)

Ion 130.80 (130.50 to 131.50): VN059866.D (-3336) (-)

Ion 84.90 (84.60 to 85.60): VN059866.D (-3336) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 35.23 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059866.D

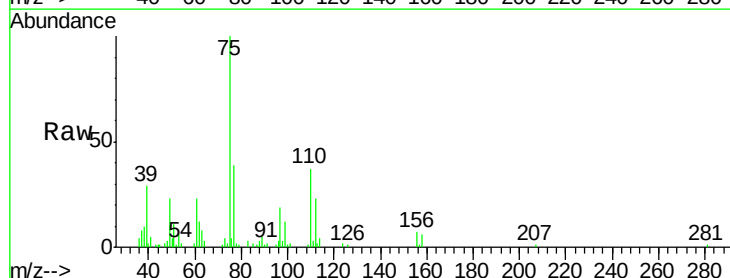
Acq: 27 Jan 2020 12:42

Tgt Ion: 75 Resp: 75144

Ion Ratio Lower Upper

75 100

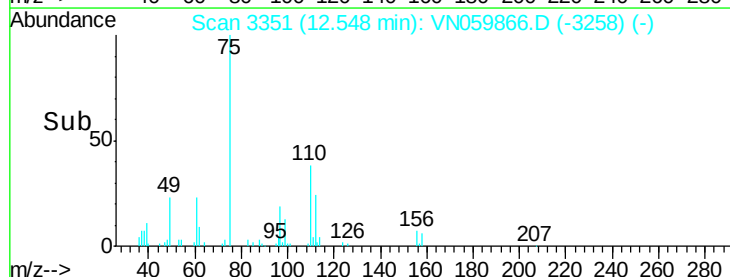
77 0.0 0.0 0.0

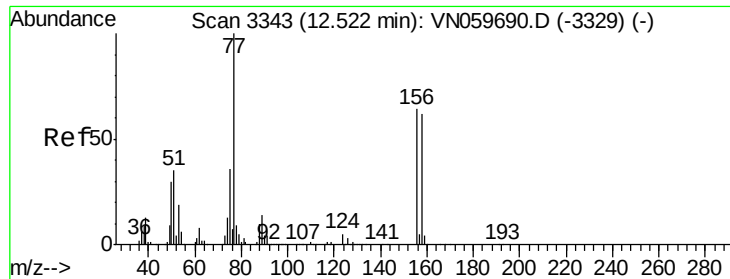


Abundance Ion 74.90 (74.60 to 75.60): VN059866.D (-3351) (-)

Ion 77.00 (76.70 to 77.70): VN059866.D (-3351) (-)

Time-->





#77

Bromobenzene

Concen: 21.43 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBS01

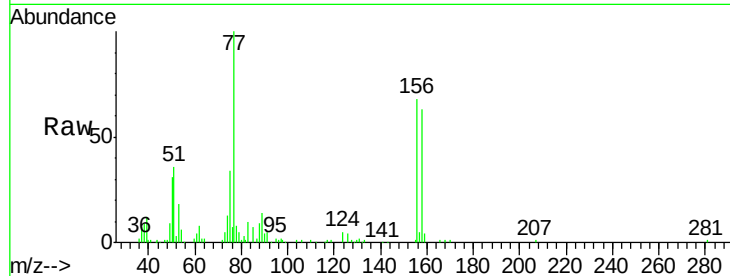
Tgt Ion:156 Resp: 50428

Ion Ratio Lower Upper

156 100

77 182.1 115.8 347.4

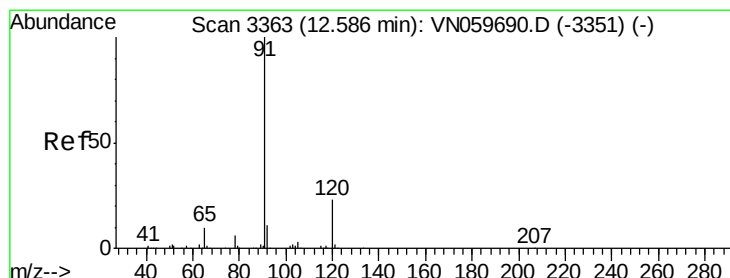
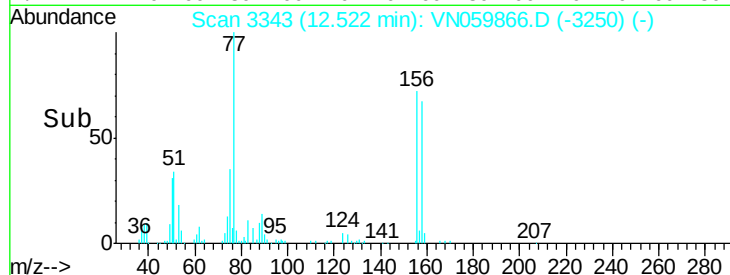
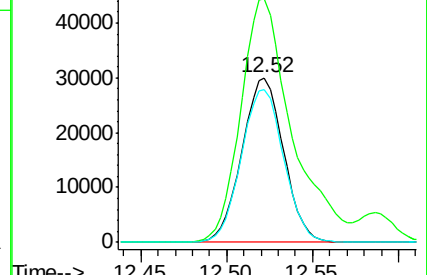
158 95.0 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.08 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059866.D

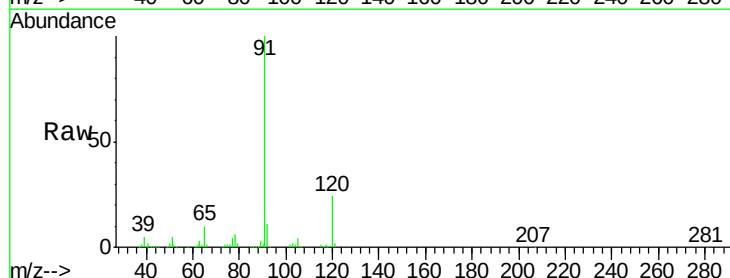
Acq: 27 Jan 2020 12:42

Tgt Ion: 91 Resp: 209418

Ion Ratio Lower Upper

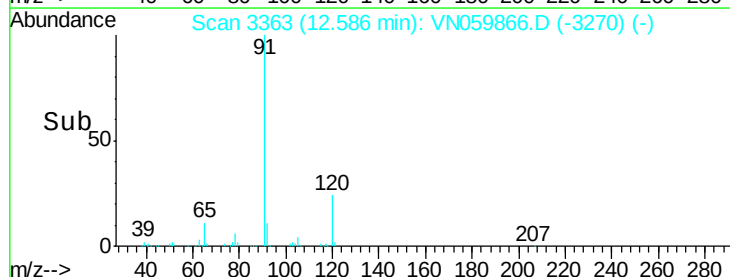
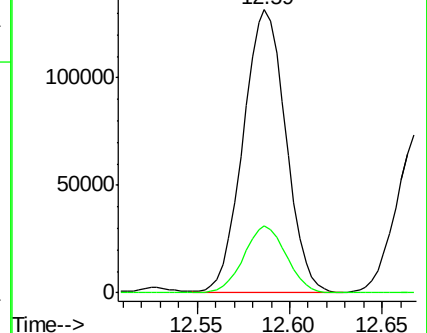
91 100

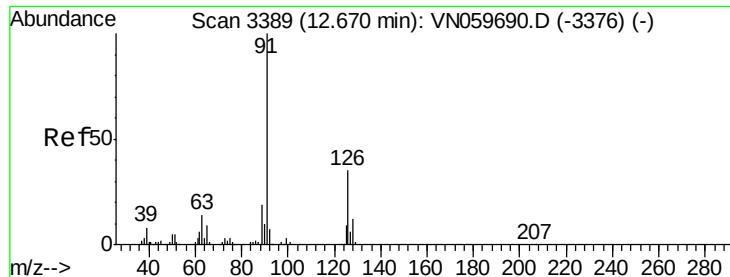
120 23.7 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.39 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

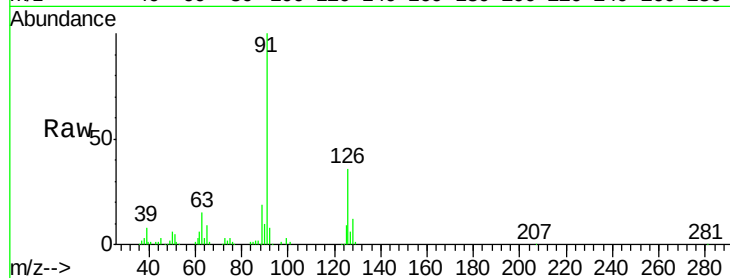
VN0127MBS01

Tgt Ion: 91 Resp: 126518

Ion Ratio Lower Upper

91 100

126 35.8 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VN059866.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN059866.D (-3376) (-)

150000

100000

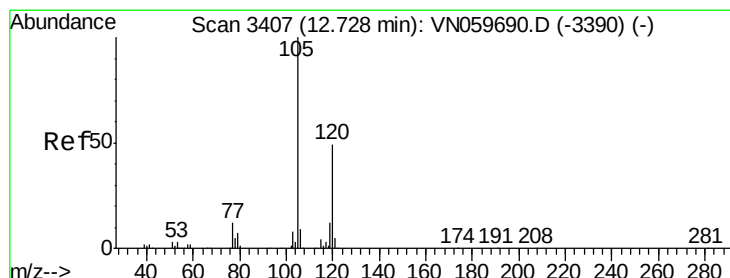
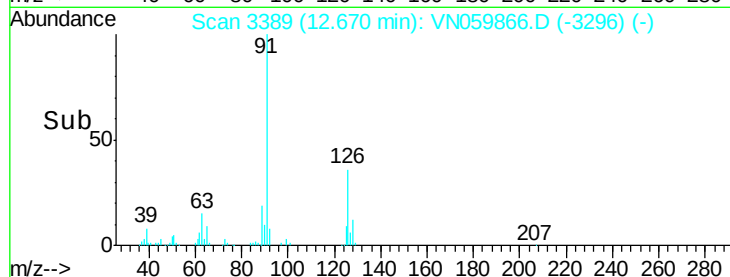
50000

0

12.60 12.65 12.70

12.67

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.34 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059866.D

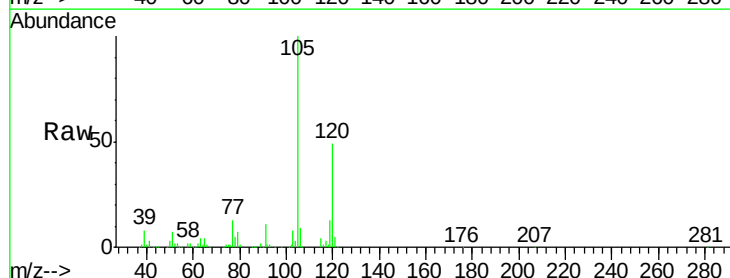
Acq: 27 Jan 2020 12:42

Tgt Ion: 105 Resp: 158981

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059866.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN059866.D (-3390) (-)

100000

80000

60000

40000

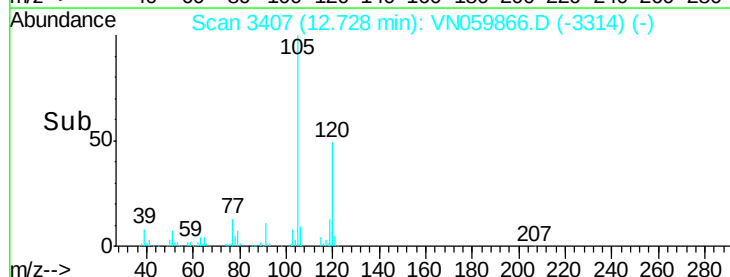
20000

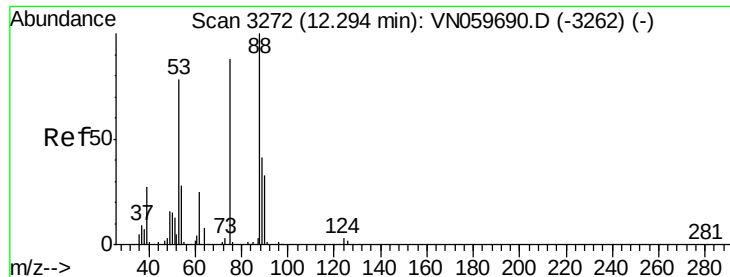
0

12.65 12.70 12.75 12.80

12.73

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.70 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBS01

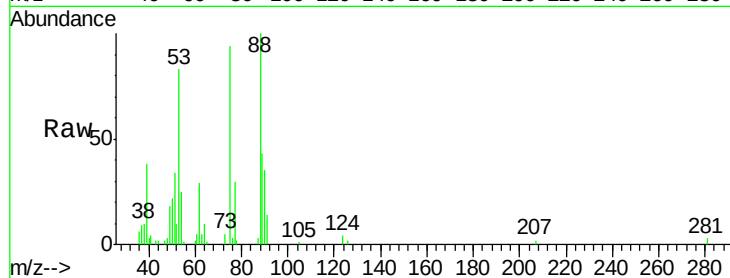
Tgt Ion: 75 Resp: 19564

Ion Ratio Lower Upper

75 100

53 92.3 78.1 117.1

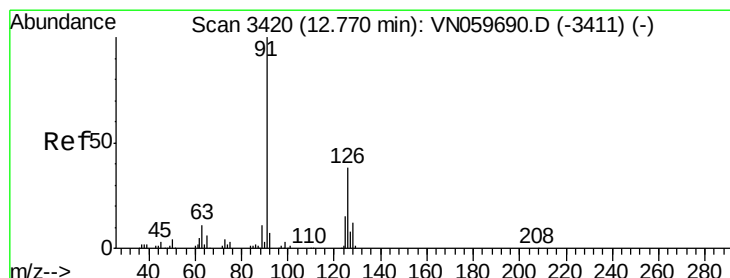
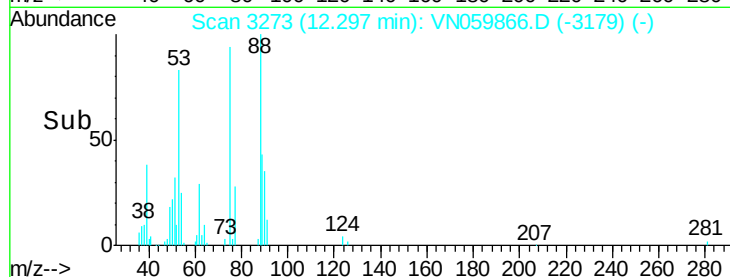
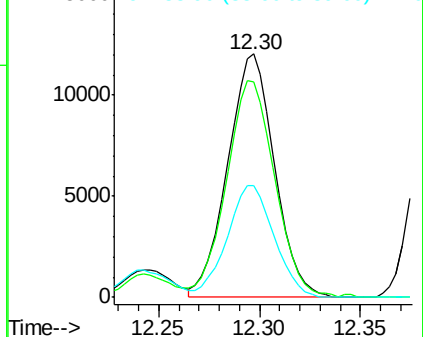
89 45.8 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.40 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059866.D

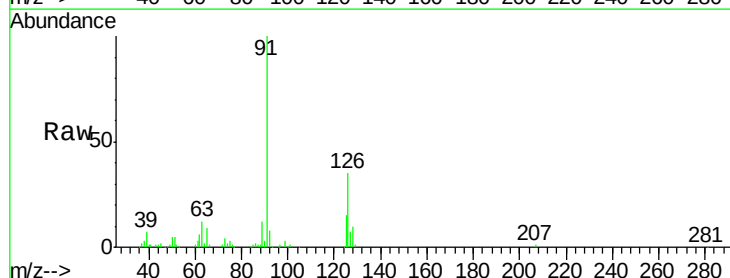
Acq: 27 Jan 2020 12:42

Tgt Ion: 91 Resp: 126961

Ion Ratio Lower Upper

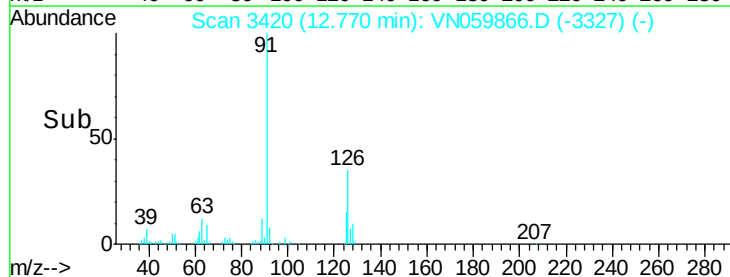
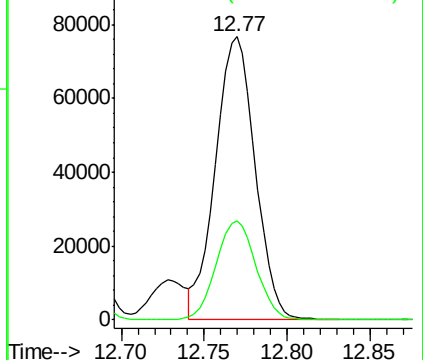
91 100

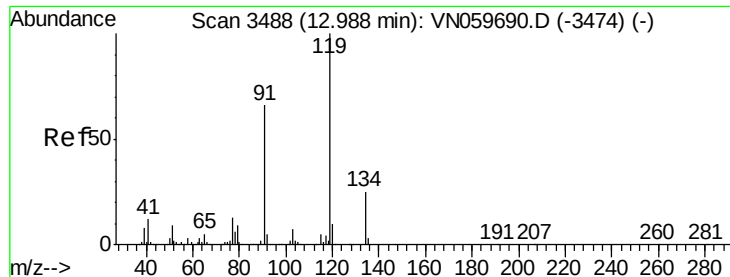
126 35.3 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

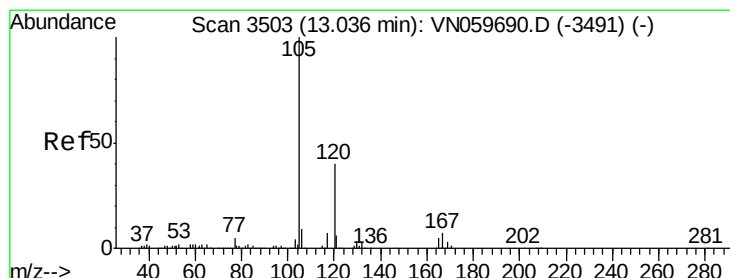
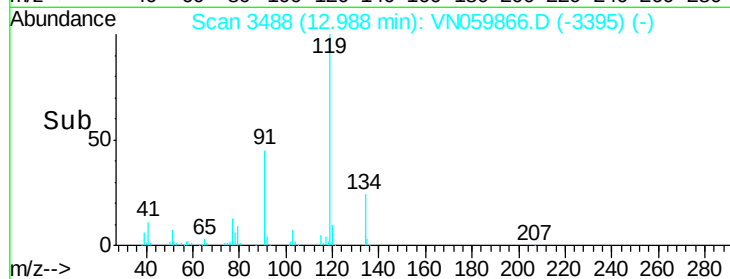
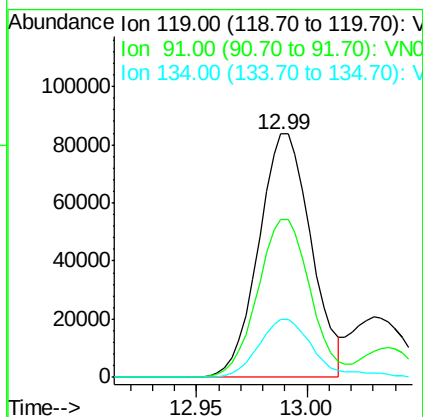
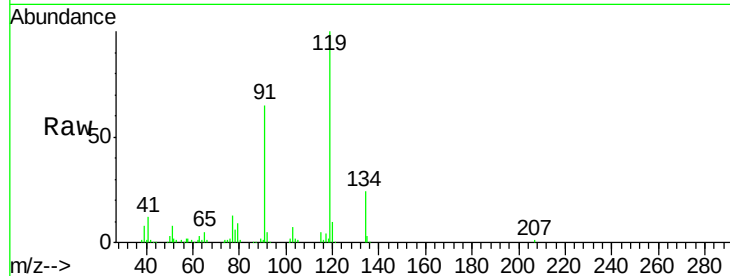




#83
 tert-Butylbenzene
 Concen: 20.44 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

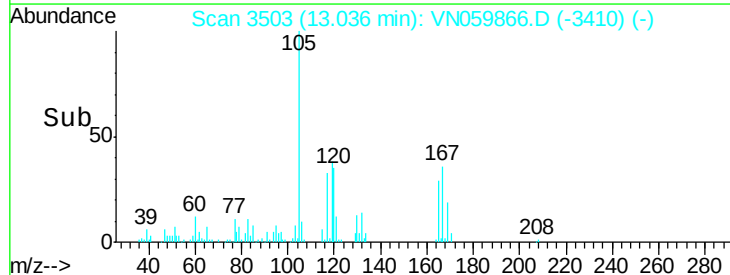
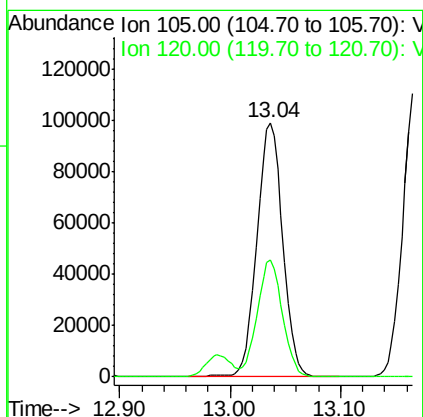
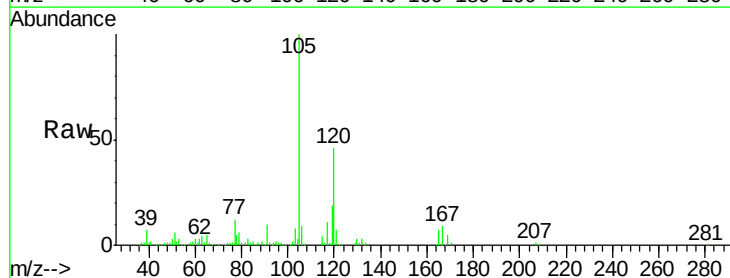
Instrument :
 MSVOA_N
 ClientSampled :
 VN0127MBS01

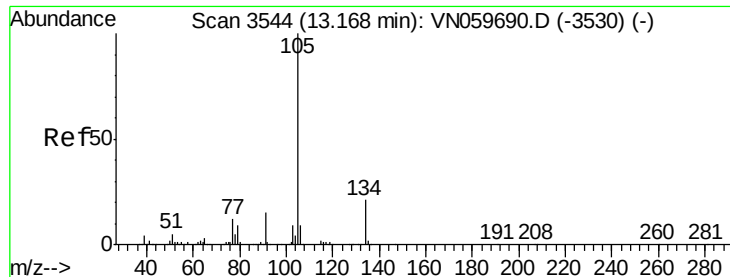
Tgt Ion:119 Resp: 138205
 Ion Ratio Lower Upper
 119 100
 91 64.8 34.8 104.4
 134 25.1 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.75 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

Tgt Ion:105 Resp: 160461
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.24 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampled :

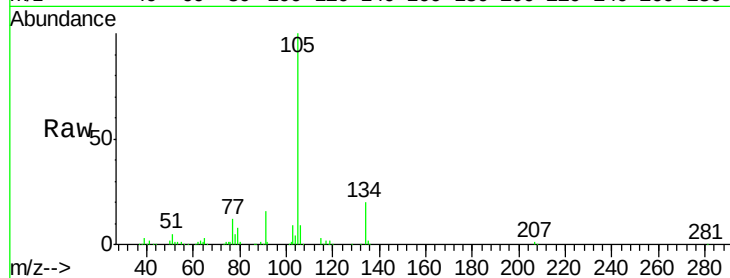
VN0127MBS01

Tgt Ion:105 Resp: 179800

Ion Ratio Lower Upper

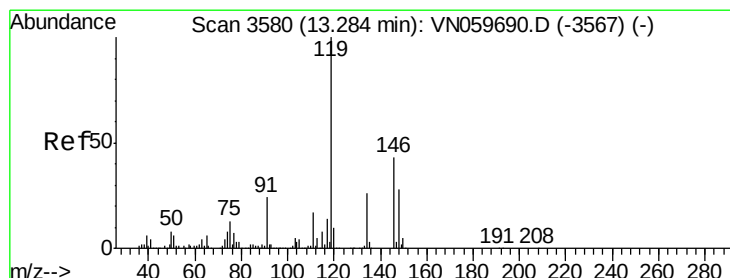
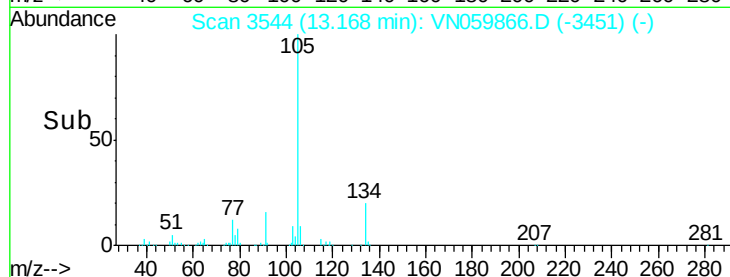
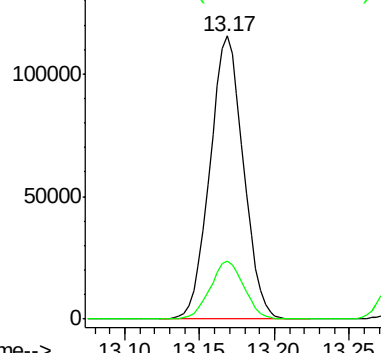
105 100

134 20.5 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.22 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

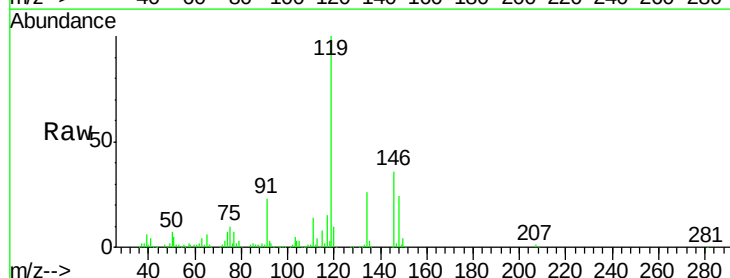
Tgt Ion:119 Resp: 166134

Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.7

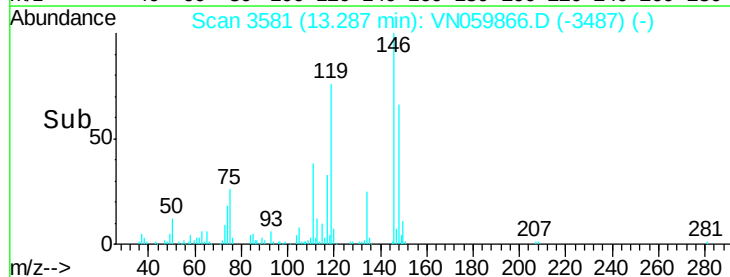
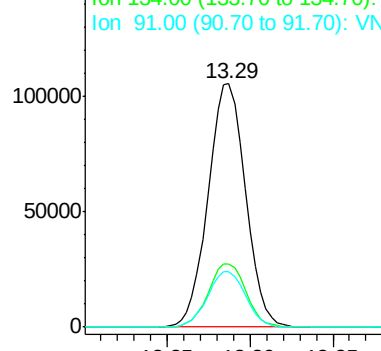
91 23.2 12.4 37.4

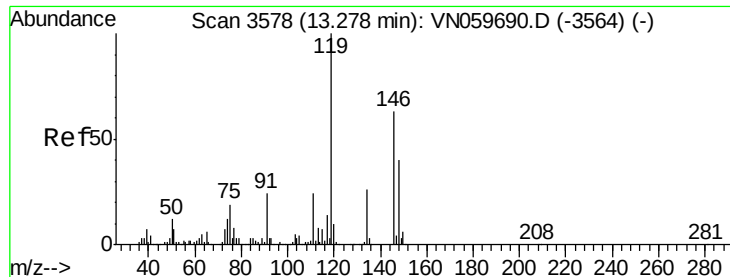


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

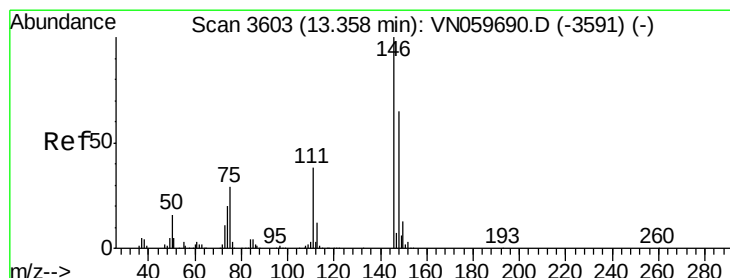
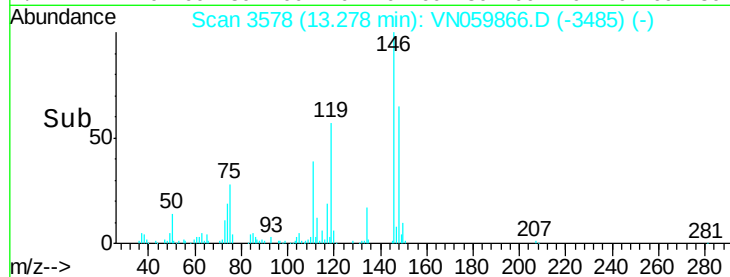
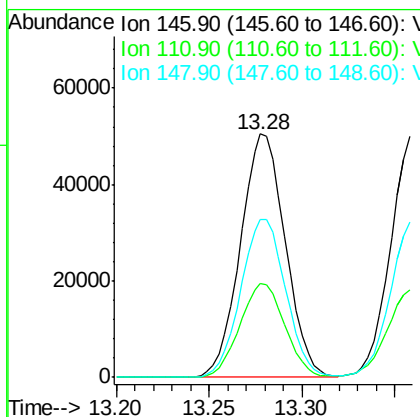
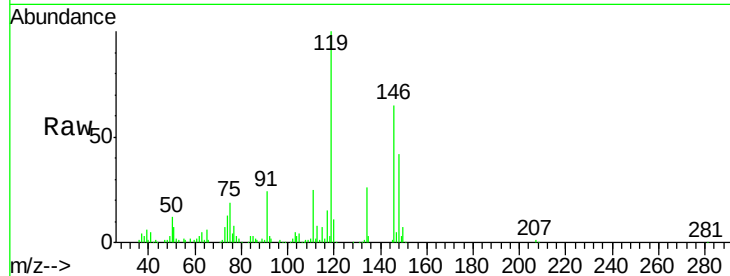




#87
 1,3-Dichlorobenzene
 Concen: 20.70 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

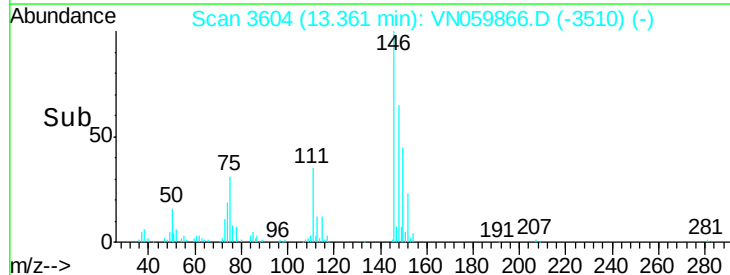
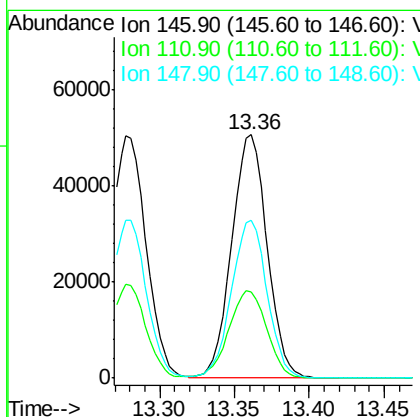
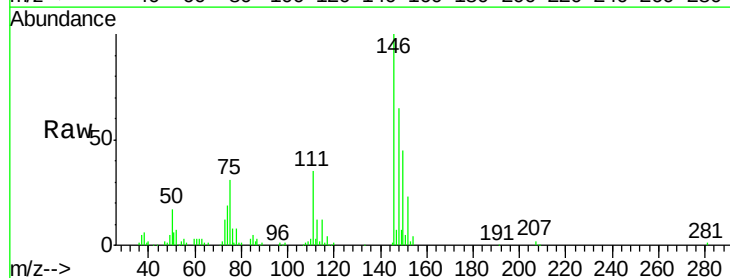
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBS01

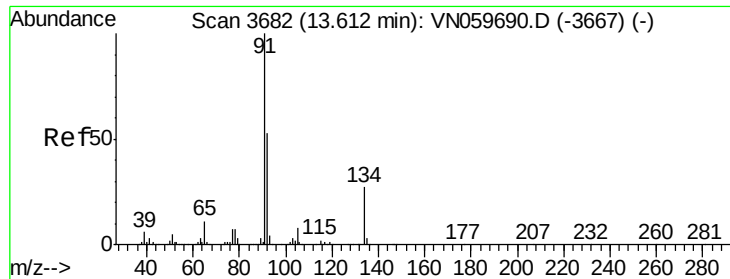
Tgt Ion:146 Resp: 84640
 Ion Ratio Lower Upper
 146 100
 111 38.7 20.8 62.2
 148 65.1 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 20.55 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

Tgt Ion:146 Resp: 83813
 Ion Ratio Lower Upper
 146 100
 111 38.5 20.8 62.2
 148 65.0 31.8 95.4

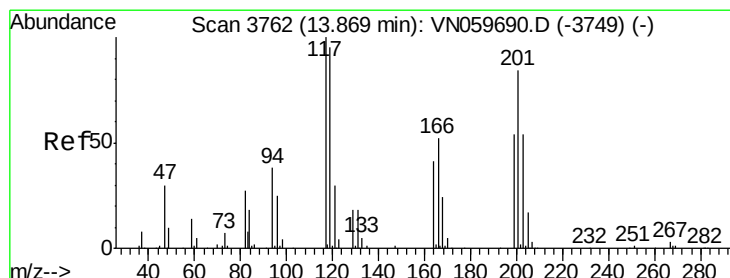
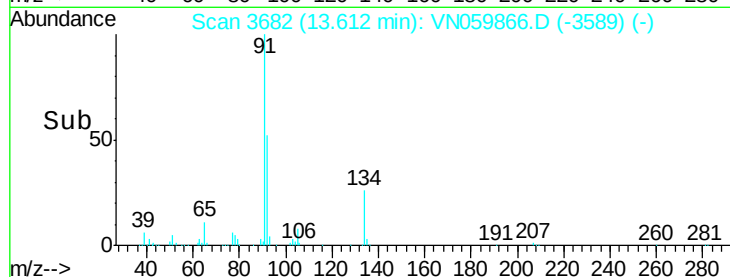
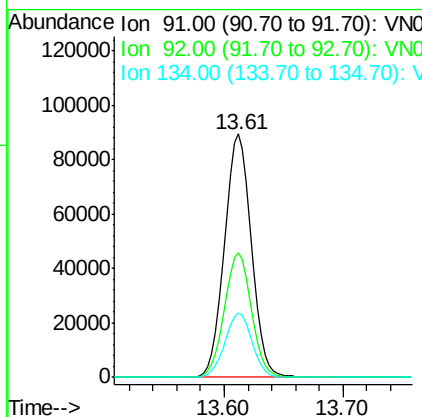
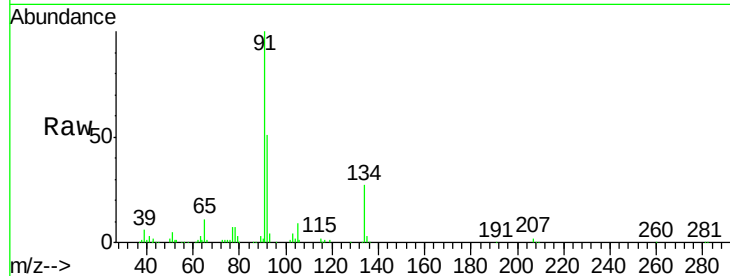




#89
n-Butylbenzene
Concen: 19.98 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

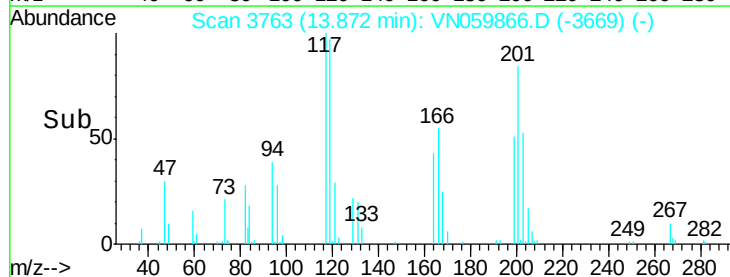
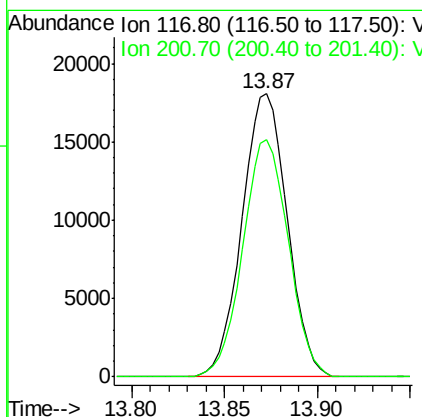
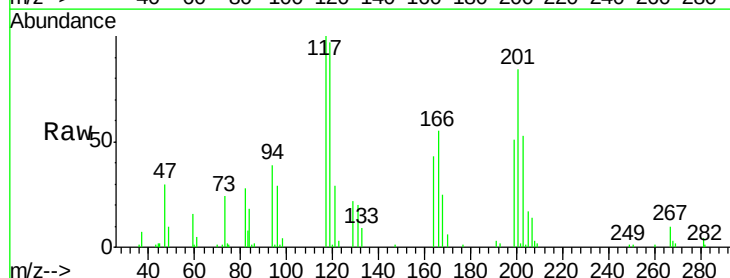
Instrument :
MSVOA_N
ClientSampled :
VN0127MBS01

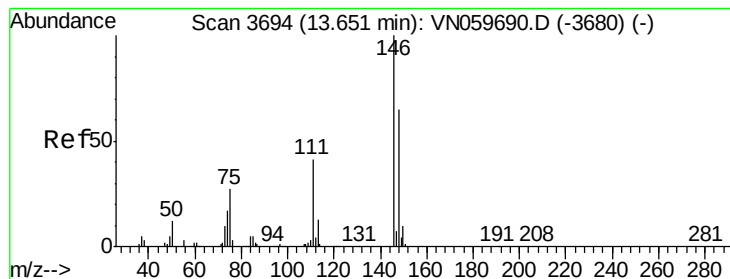
Tgt Ion: 91 Resp: 140009
Ion Ratio Lower Upper
91 100
92 51.3 25.9 77.7
134 26.6 12.3 36.8



#90
Hexachloroethane
Concen: 19.88 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion: 117 Resp: 30571
Ion Ratio Lower Upper
117 100
201 84.5 37.8 113.4





#91

1,2-Dichlorobenzene

Concen: 20.82 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBS01

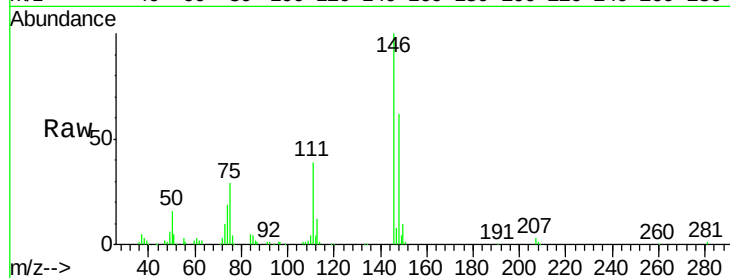
Tgt Ion:146 Resp: 84146

Ion Ratio Lower Upper

146 100

111 39.7 21.6 64.8

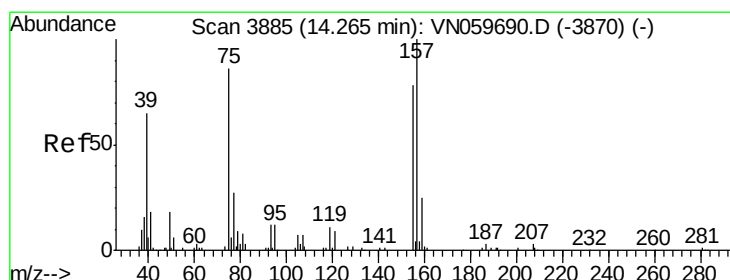
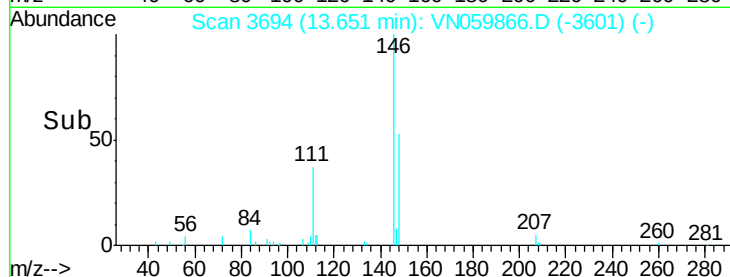
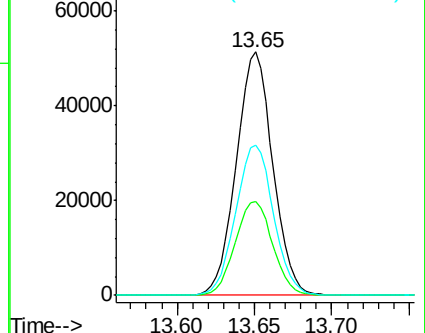
148 63.9 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.36 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

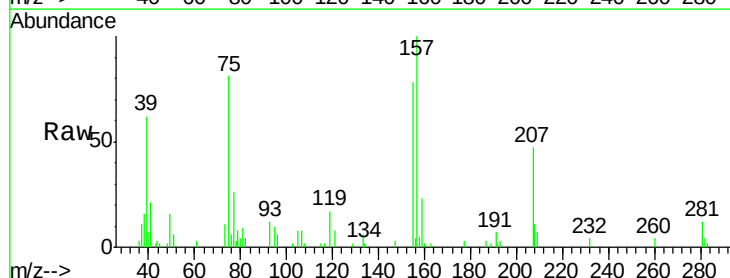
Tgt Ion: 75 Resp: 11384

Ion Ratio Lower Upper

75 100

155 90.4 37.0 110.9

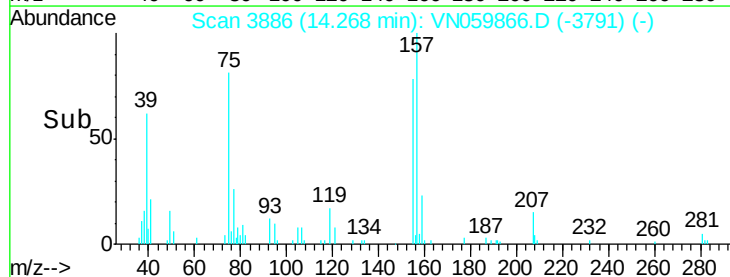
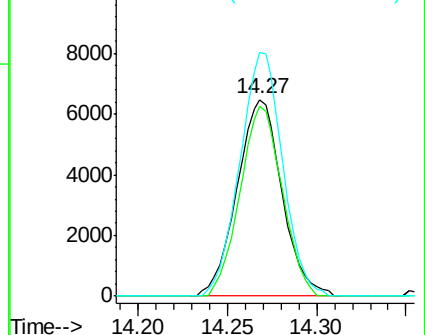
157 118.6 48.4 145.2

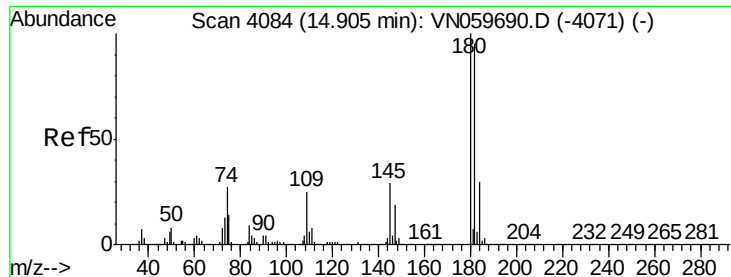


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 20.14 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBS01

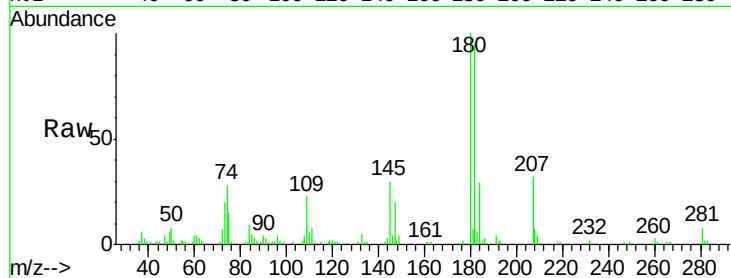
Tgt Ion:180 Resp: 48912

Ion Ratio Lower Upper

180 100

182 94.9 46.9 140.7

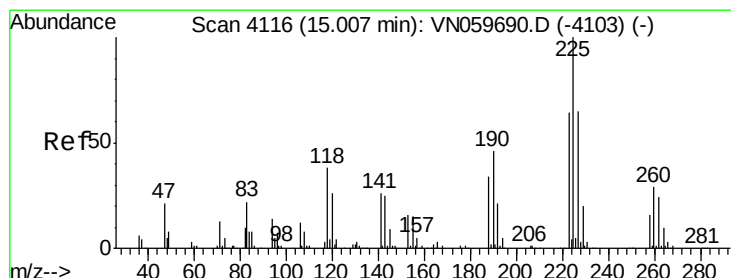
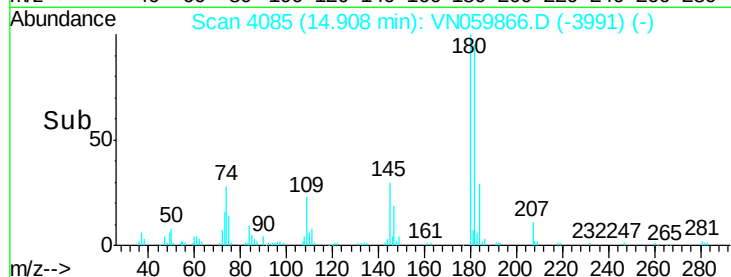
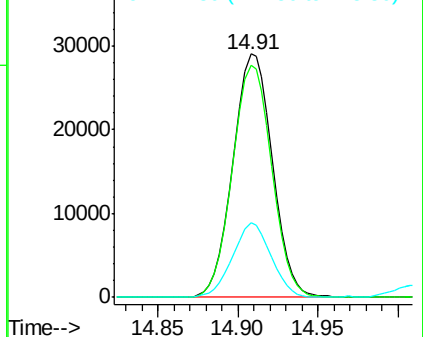
145 29.7 15.0 45.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 20.39 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

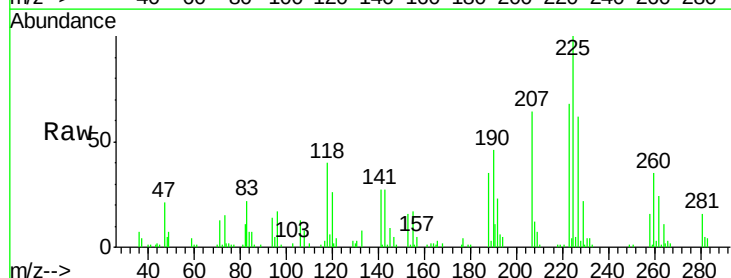
Tgt Ion:225 Resp: 27283

Ion Ratio Lower Upper

225 100

223 65.8 31.8 95.3

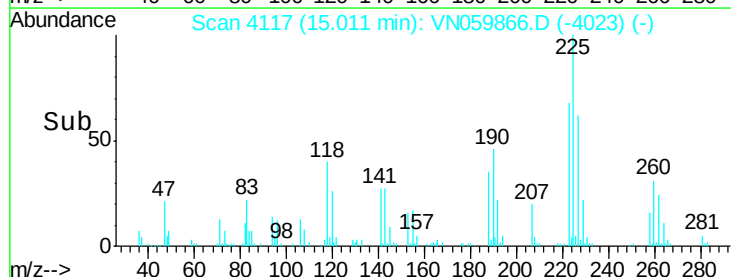
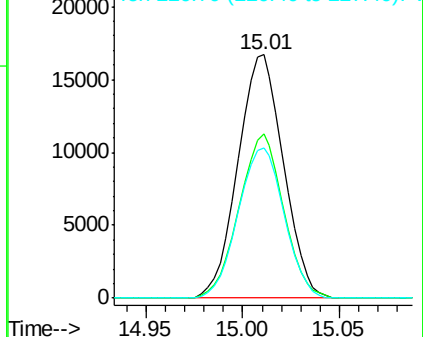
227 62.5 32.1 96.5

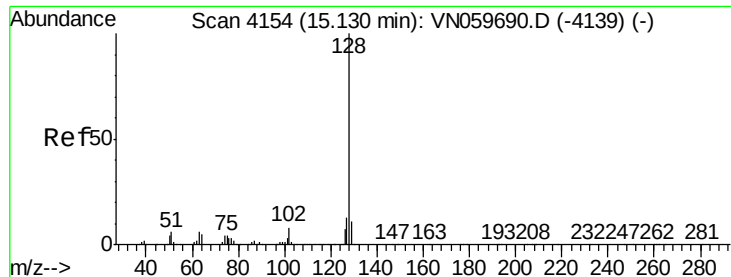


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

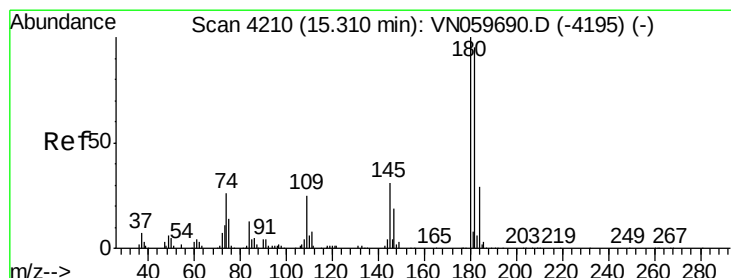
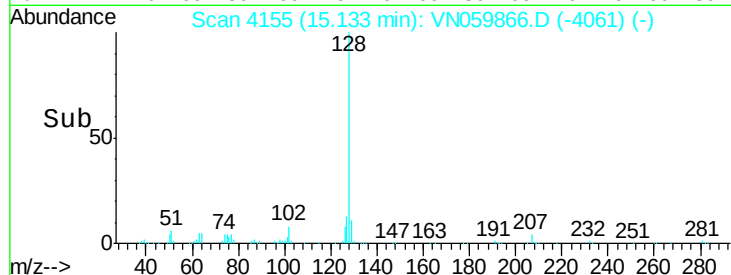
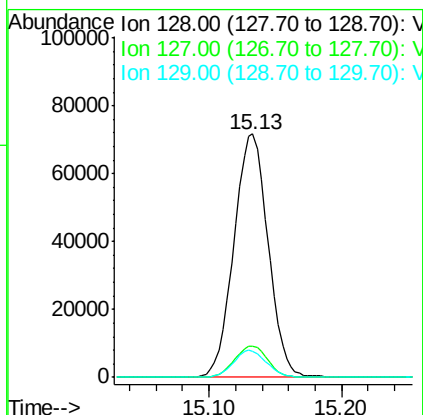
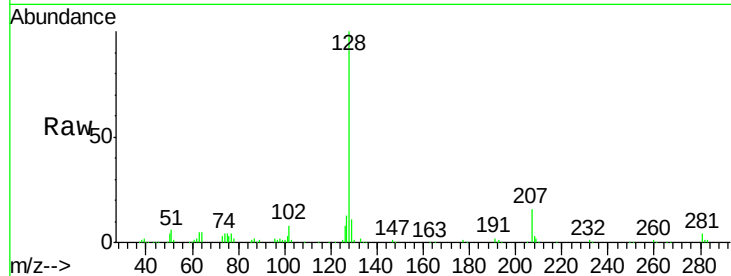




#95
Naphthalene
Concen: 18.60 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

Tgt Ion:128 Resp: 128454
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.01 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion:180 Resp: 47310
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.3
145 31.9 16.3 48.9

