

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN012720\
 Data File : VN059871.D
 Acq On : 27 Jan 2020 14:42
 Operator : JC/MD
 Sample : VN0127MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBSD01

Quant Time: Jan 27 15:27:15 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	202499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	311065	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	279756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	136715	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	115379	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
35) Dibromofluoromethane	7.56	113	94961	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
50) Toluene-d8	10.08	98	362398	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.40	95	130684	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	42087	17.29	ug/l	100
3) Chloromethane	2.04	50	39363	16.98	ug/l	100
4) Vinyl Chloride	2.17	62	48988	18.47	ug/l	97
5) Bromomethane	2.54	94	31419	19.41	ug/l	100
6) Chloroethane	2.68	64	23893	19.04	ug/l	98
7) Trichlorofluoromethane	3.00	101	61676	19.36	ug/l	100
8) Diethyl Ether	3.38	74	22635	20.25	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.74	101	35516	20.03	ug/l	92
10) Methyl Iodide	3.93	142	52215	18.22	ug/l	97
11) Tert butyl alcohol	4.73	59	36560	96.57	ug/l	97
12) 1,1-Dichloroethene	3.72	96	33001	17.81	ug/l	88
13) Acrolein	3.58	56	19709	73.55	ug/l	98
14) Allyl chloride	4.29	41	50894	20.38	ug/l	# 91
15) Acrylonitrile	4.94	53	84945	98.37	ug/l	100
16) Acetone	3.78	43	81141	99.77	ug/l	96
17) Carbon Disulfide	4.03	76	87966	16.67	ug/l	99
18) Methyl Acetate	4.29	43	53529	20.38	ug/l	91
19) Methyl tert-butyl Ether	5.00	73	120576	19.96	ug/l	97
20) Methylene Chloride	4.52	84	40783	19.25	ug/l	88
21) trans-1,2-Dichloroethene	5.01	96	36329	18.45	ug/l	89
22) Diisopropyl ether	5.91	45	109282	19.31	ug/l	# 93
23) Vinyl Acetate	5.86	43	418560	95.53	ug/l	# 93
24) 1,1-Dichloroethane	5.82	63	65396	18.91	ug/l	96
25) 2-Butanone	6.80	43	113377	89.03	ug/l	91
26) 2,2-Dichloropropane	6.79	77	61465	18.49	ug/l	95
27) cis-1,2-Dichloroethene	6.80	96	43262	19.10	ug/l	87
28) Bromochloromethane	7.17	49	26493	19.17	ug/l	# 74
29) Tetrahydrofuran	7.18	42	73001	92.65	ug/l	# 85
30) Chloroform	7.35	83	70359	19.64	ug/l	99
31) Cyclohexane	7.63	56	57925	17.41	ug/l	# 84
32) 1,1,1-Trichloroethane	7.54	97	64190	19.38	ug/l	95
36) 1,1-Dichloropropene	7.77	75	49912	18.43	ug/l	95
37) Ethyl Acetate	6.90	43	48414	19.06	ug/l	97
38) Carbon Tetrachloride	7.75	117	56673	19.23	ug/l	99

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

39) Methylcyclohexane	9.06	83	59567	17.83	ug/l	91
40) Benzene	8.02	78	151753	18.78	ug/l	100
41) Methacrylonitrile	7.18	41	68452	54.70	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	55040	20.09	ug/l	96
43) Isopropyl Acetate	8.14	43	82839	18.96	ug/l #	94
44) Trichloroethene	8.82	130	45017	20.41	ug/l	94
45) 1,2-Dichloropropane	9.10	63	38775	19.40	ug/l	99
46) Dibromomethane	9.19	93	28199	20.00	ug/l	90
47) Bromodichloromethane	9.38	83	56431	19.86	ug/l	99
48) Methyl methacrylate	9.18	41	35374	18.10	ug/l	88
49) 1,4-Dioxane	9.18	88	14673	410.04	ug/l	88
51) 4-Methyl-2-Pentanone	9.97	43	238451	94.39	ug/l	94
52) Toluene	10.14	92	98576	19.32	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	62392	19.66	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	66472	19.91	ug/l	94
55) 1,1,2-Trichloroethane	10.55	97	41249	20.41	ug/l	97
56) Ethyl methacrylate	10.42	69	56944	18.44	ug/l	92
57) 1,3-Dichloropropane	10.70	76	65308	20.35	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	92352	99.28	ug/l #	89
59) 2-Hexanone	10.74	43	169329	90.98	ug/l	93
60) Dibromochloromethane	10.89	129	46695	20.29	ug/l	99
61) 1,2-Dibromoethane	10.99	107	42952	20.28	ug/l	98
64) Tetrachloroethene	10.62	164	47112	20.66	ug/l	96
65) Chlorobenzene	11.43	112	108560	19.74	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	43380	20.42	ug/l	98
67) Ethyl Benzene	11.50	91	193306	19.37	ug/l	98
68) m/p-Xylenes	11.62	106	146433	38.84	ug/l	95
69) o-Xylene	11.94	106	70886	19.20	ug/l	96
70) Styrene	11.96	104	116309	18.83	ug/l	96
71) Bromoform	12.12	173	34587	20.32	ug/l #	99
73) Isopropylbenzene	12.24	105	191141	19.06	ug/l	99
74) N-amyl acetate	12.06	43	67436	17.33	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	55412	19.06	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	76529	33.26	ug/l #	100
77) Bromobenzene	12.52	156	79143	31.17	ug/l	42
78) n-propylbenzene	12.59	91	213287	18.95	ug/l	96
79) 2-Chlorotoluene	12.67	91	127546	19.05	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	162912	19.32	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	19681	18.37	ug/l	94
82) 4-Chlorotoluene	12.77	91	126346	18.82	ug/l	95
83) tert-Butylbenzene	12.99	119	139204	19.09	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	162005	19.42	ug/l	99
85) sec-Butylbenzene	13.17	105	181170	18.91	ug/l	98
86) p-Isopropyltoluene	13.28	119	168846	19.04	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	86085	19.52	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	85032	19.33	ug/l	97
89) n-Butylbenzene	13.61	91	141810	18.76	ug/l	98
90) Hexachloroethane	13.87	117	30621	18.46	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	85075	19.51	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	13095	19.72	ug/l	91

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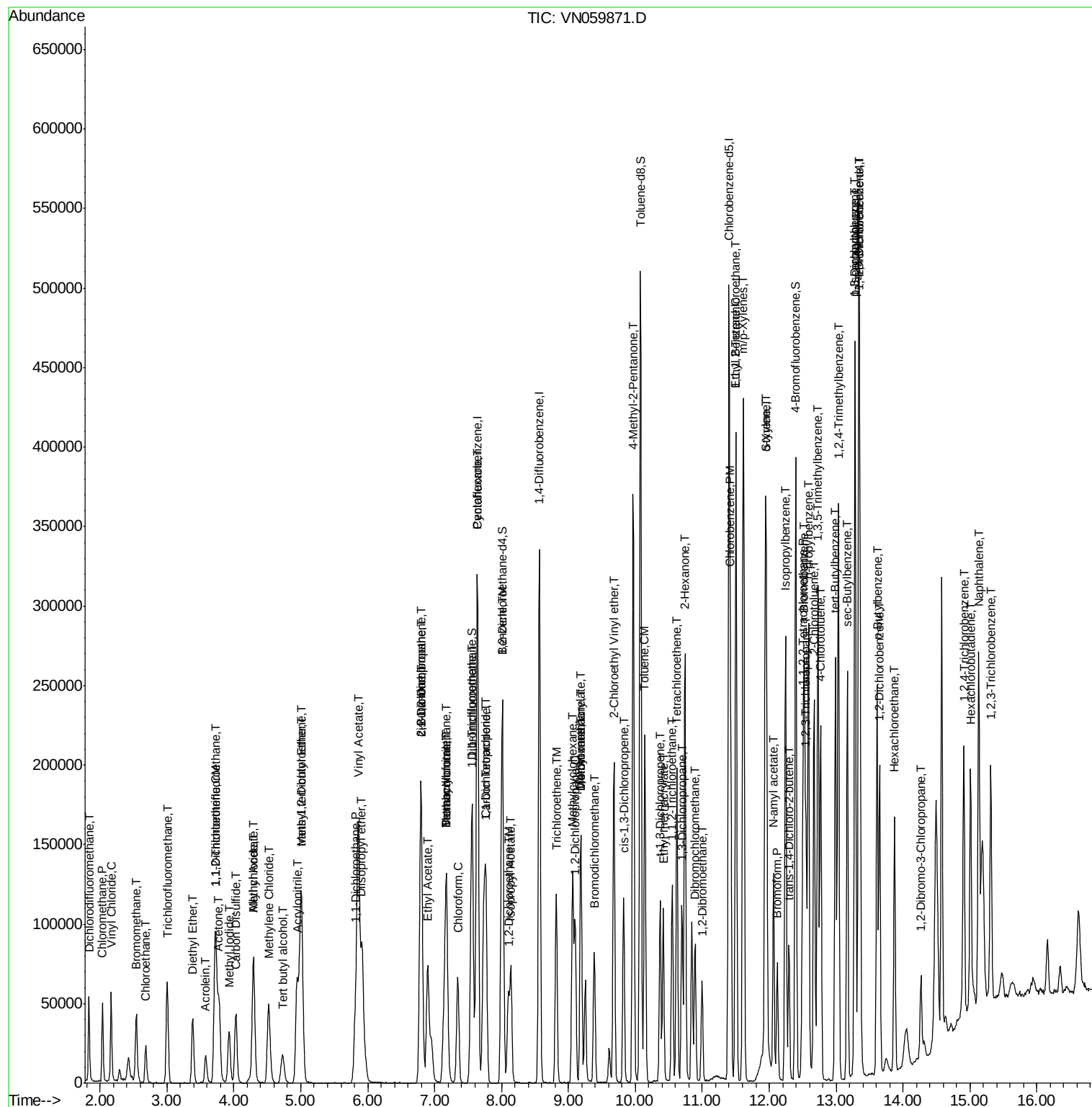
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	53476	20.41	ug/l	99
94) Hexachlorobutadiene	15.01	225	27313	18.92	ug/l	98
95) Naphthalene	15.13	128	187768	25.20	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	53411	20.94	ug/l	99

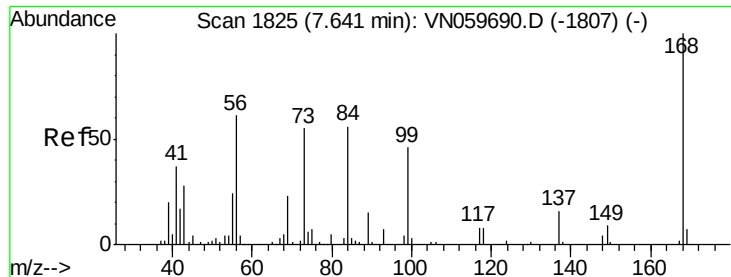
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN012720\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

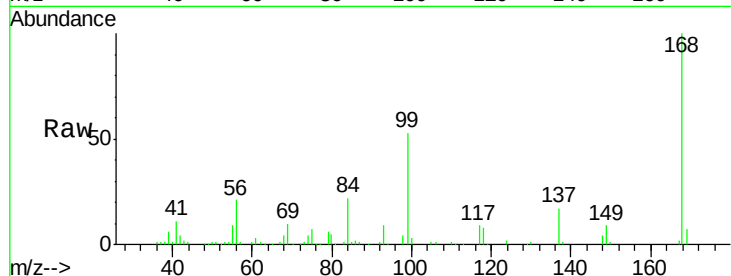
VN0127MBSD01

Tgt Ion: 168 Resp: 202499

Ion Ratio Lower Upper

168 100

99 52.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

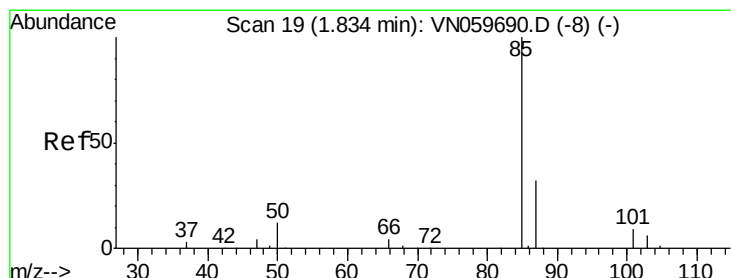
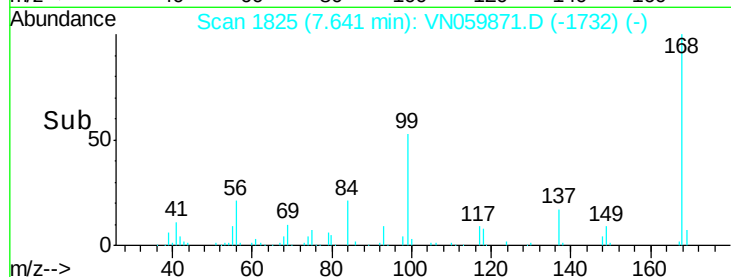
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.29 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059871.D

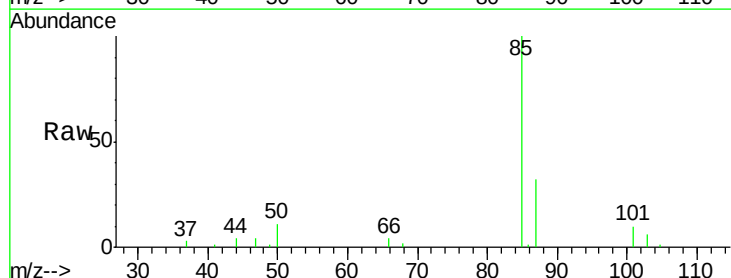
Acq: 27 Jan 2020 14:42

Tgt Ion: 85 Resp: 42087

Ion Ratio Lower Upper

85 100

87 31.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

30000

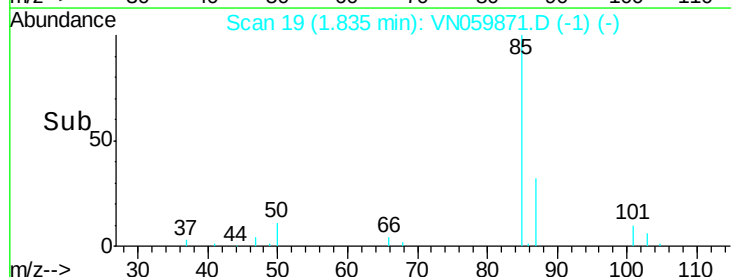
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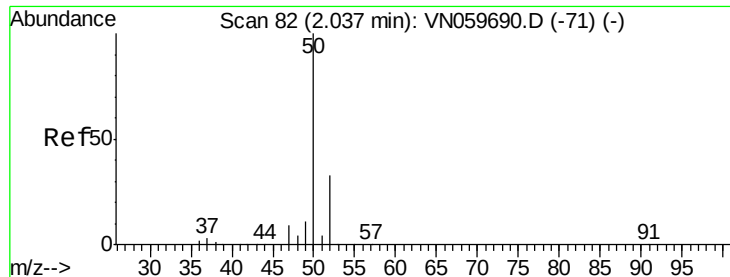
10000

0

1.80 1.85 1.90

Time-->

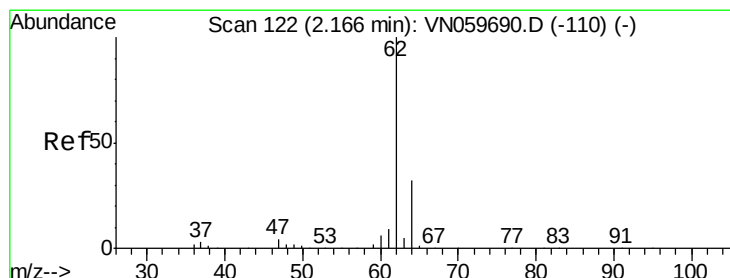
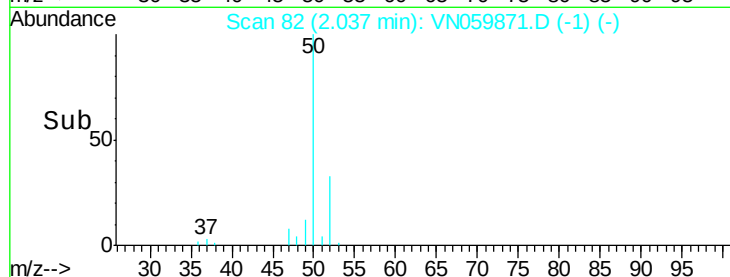
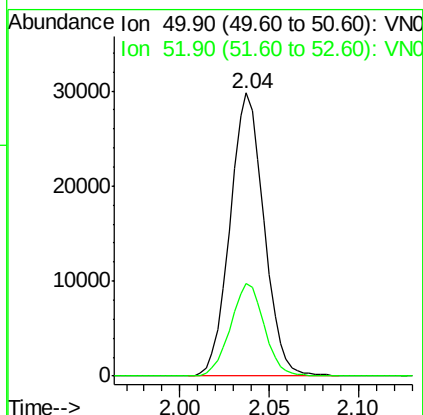
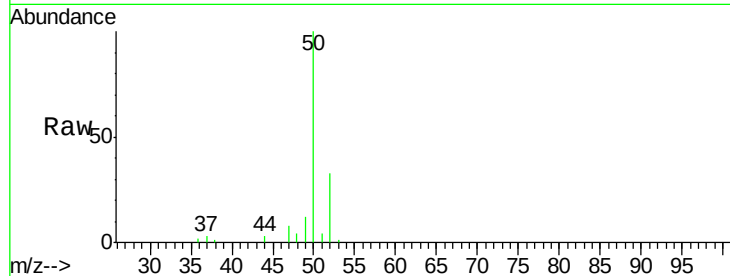




#3
Chloromethane
Concen: 16.98 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

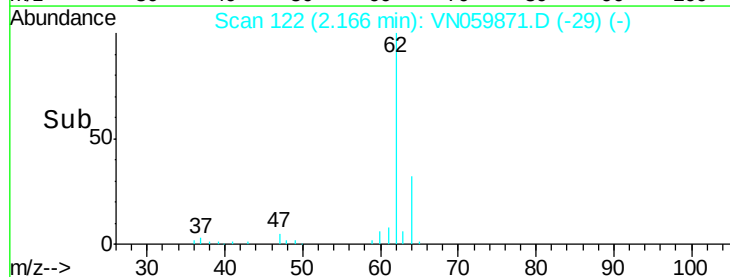
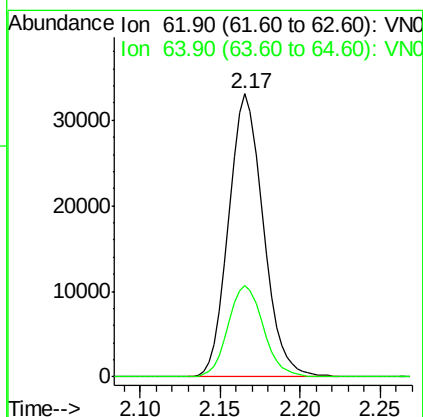
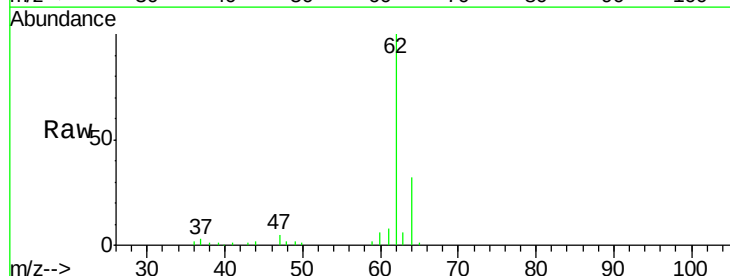
Instrument :
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ClientSampleId :
VN0127MBSD01

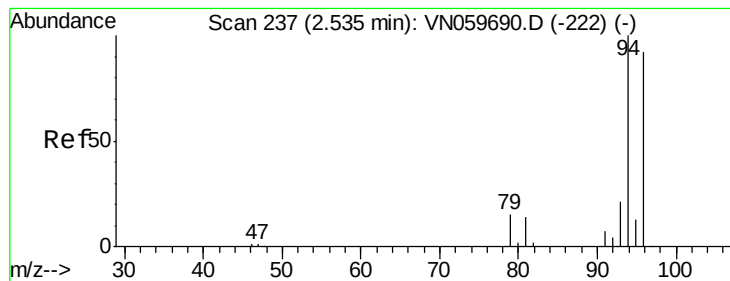
Tgt Ion: 50 Resp: 39363
Ion Ratio Lower Upper
50 100
52 32.5 25.9 38.9



#4
Vinyl Chloride
Concen: 18.47 ug/l
RT: 2.17 min Scan# 122
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion: 62 Resp: 48988
Ion Ratio Lower Upper
62 100
64 32.3 24.6 37.0





#5

Bromomethane

Concen: 19.41 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

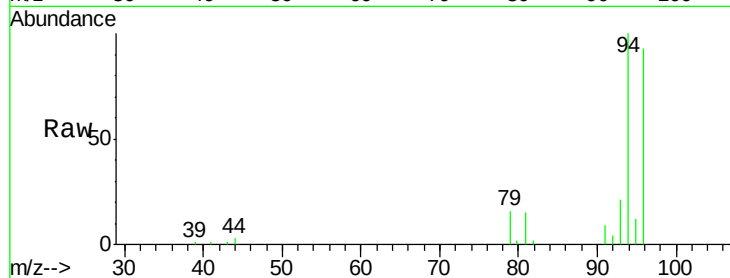
VN0127MBSD01

Tgt Ion: 94 Resp: 31419

Ion Ratio Lower Upper

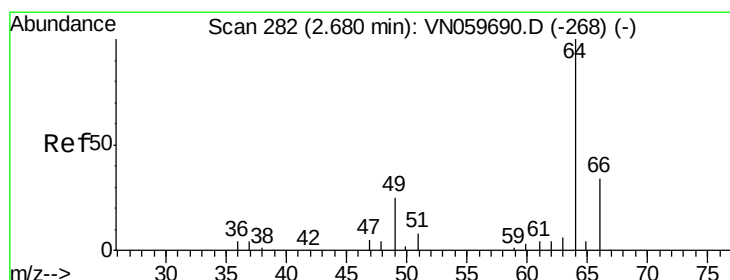
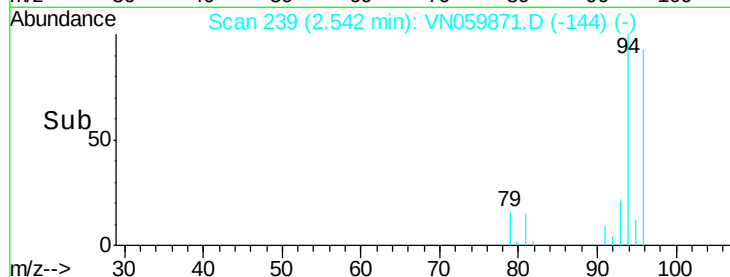
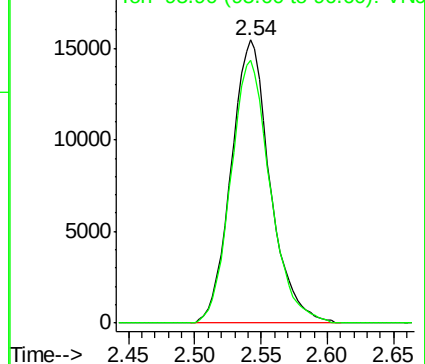
94 100

96 93.1 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.04 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059871.D

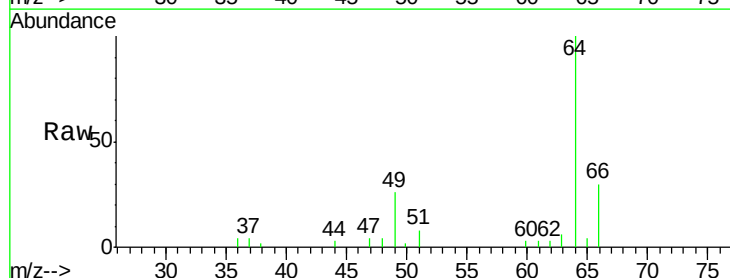
Acq: 27 Jan 2020 14:42

Tgt Ion: 64 Resp: 23893

Ion Ratio Lower Upper

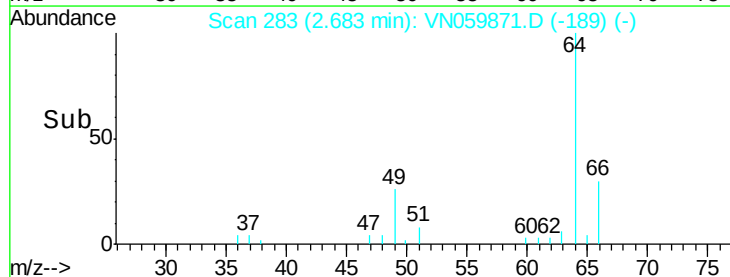
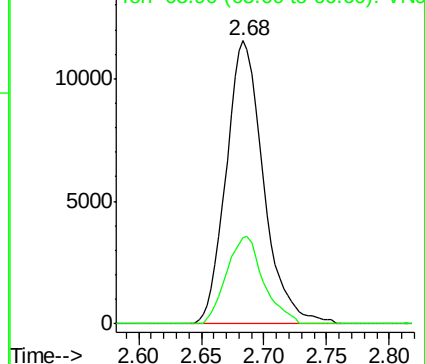
64 100

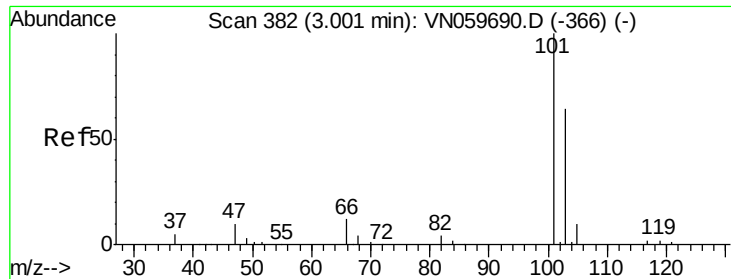
66 30.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



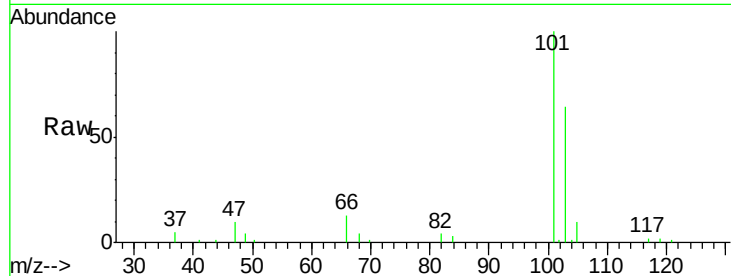


#7

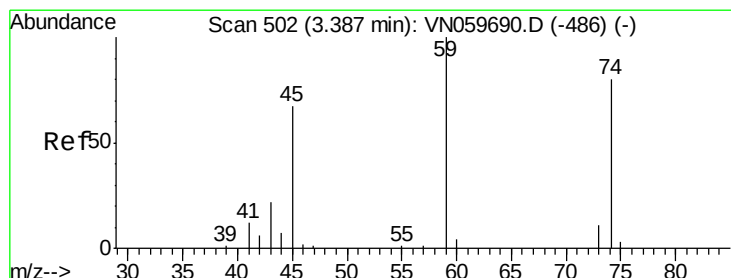
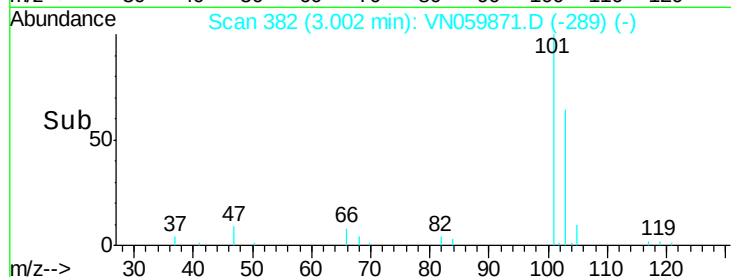
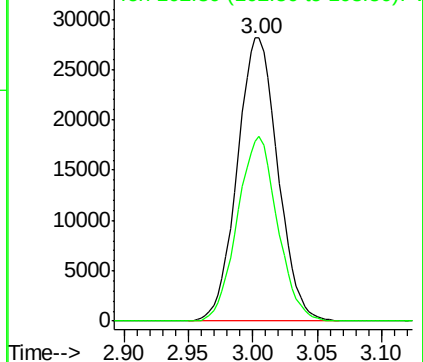
Trichlorofluoromethane
 Concen: 19.36 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBSD01

Tgt Ion: 101 Resp: 61676
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.0 76.6



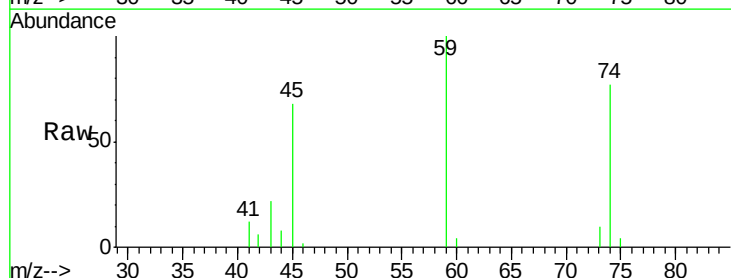
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



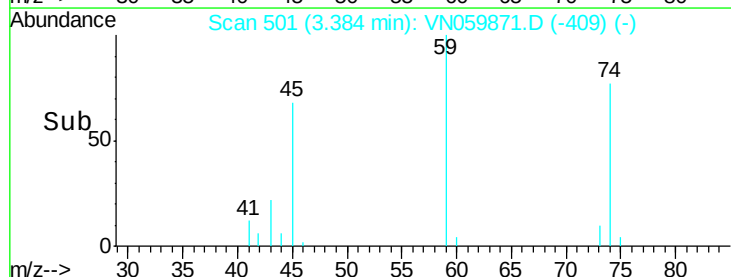
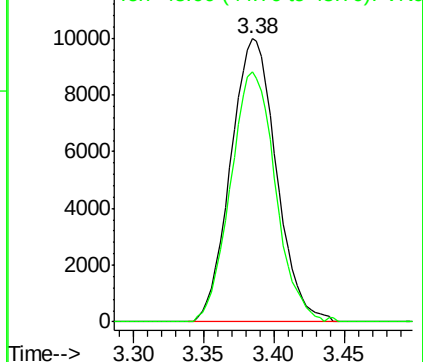
#8

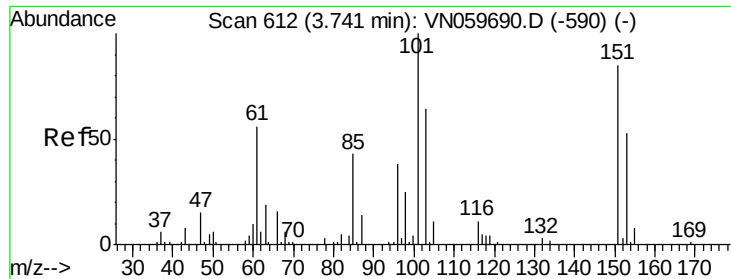
Diethyl Ether
 Concen: 20.25 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
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Tgt Ion: 74 Resp: 22635
 Ion Ratio Lower Upper
 74 100
 45 86.5 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO

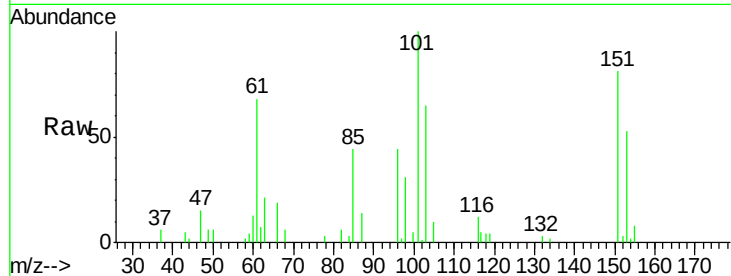




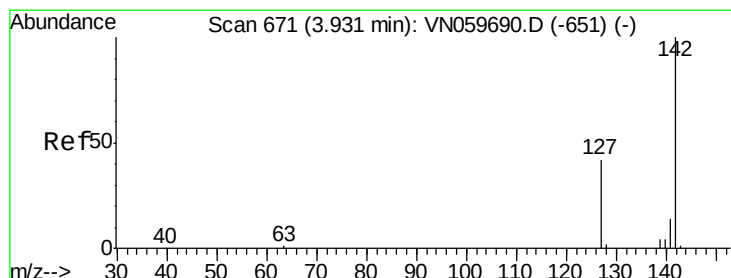
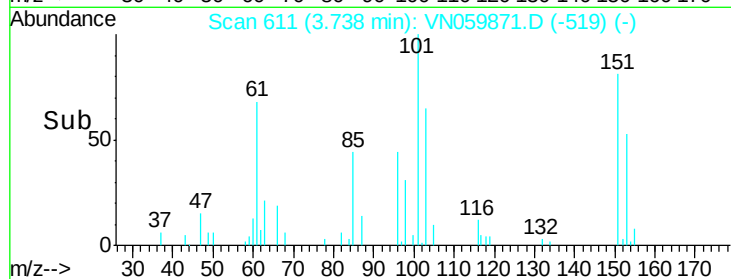
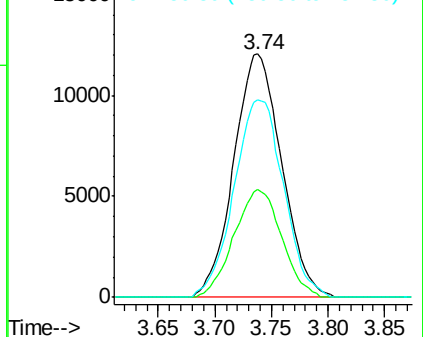
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.03 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBSD01

Tgt Ion:101 Resp: 35516
 Ion Ratio Lower Upper
 101 100
 85 44.1 36.6 54.8
 151 83.8 59.7 89.5

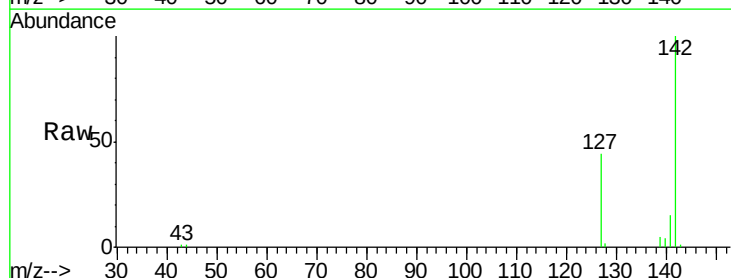


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

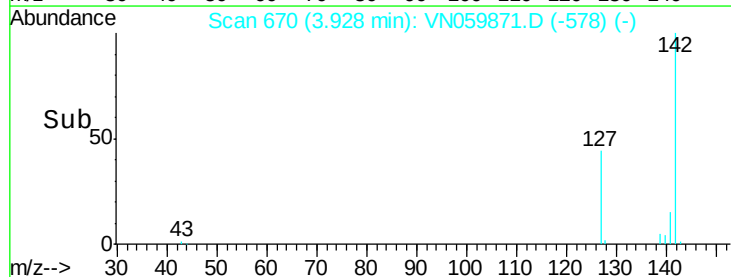
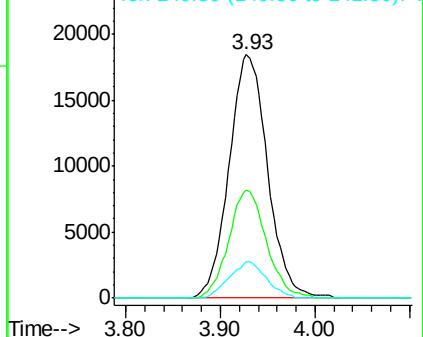


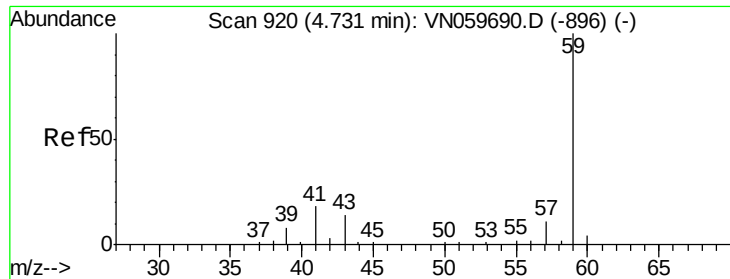
#10
 Methyl Iodide
 Concen: 18.22 ug/l
 RT: 3.93 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

Tgt Ion:142 Resp: 52215
 Ion Ratio Lower Upper
 142 100
 127 43.3 36.7 55.1
 141 14.3 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

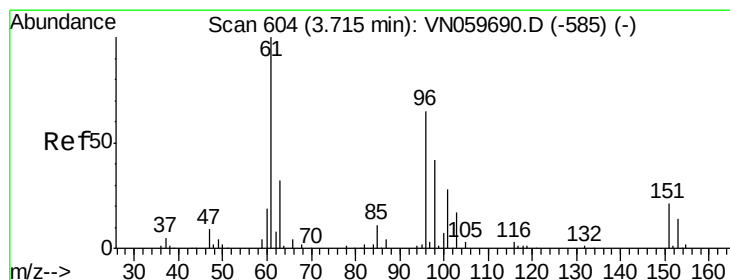
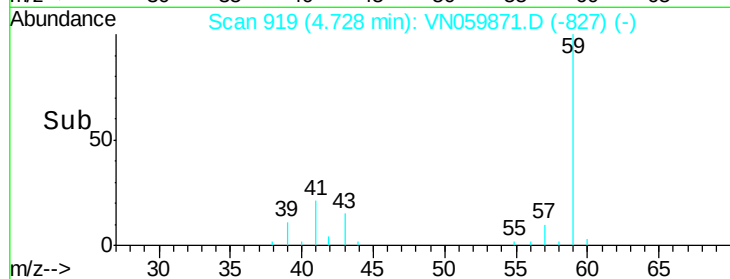
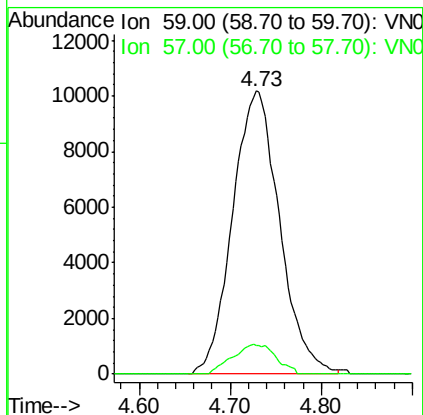
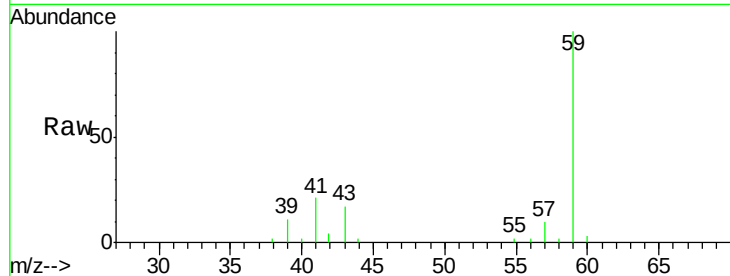




#11
Tert butyl alcohol
Concen: 96.57 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

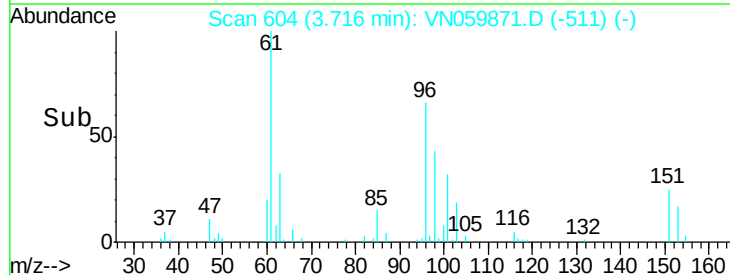
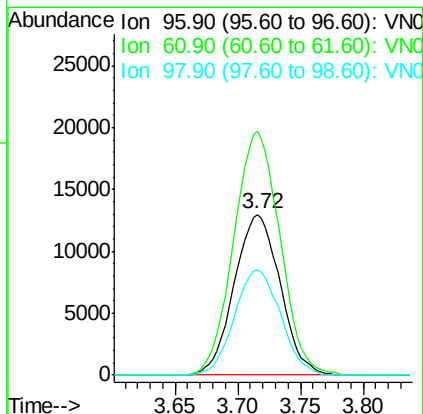
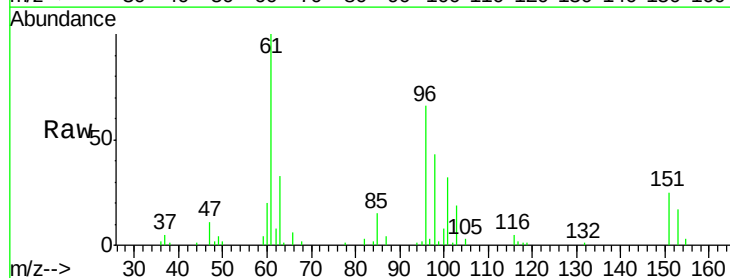
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

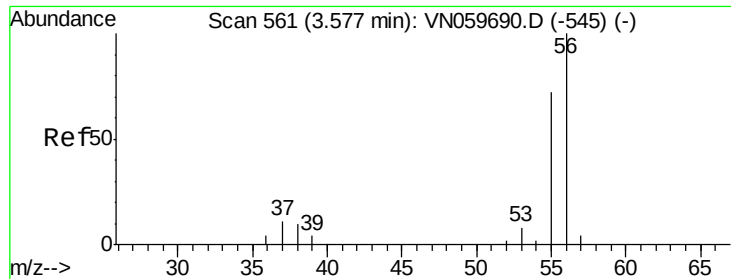
Tgt Ion: 59 Resp: 36560
Ion Ratio Lower Upper
59 100
57 9.7 8.6 12.8



#12
1,1-Dichloroethene
Concen: 17.81 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion: 96 Resp: 33001
Ion Ratio Lower Upper
96 100
61 151.4 137.5 206.3
98 65.3 50.2 75.4





#13

Acrolein

Concen: 73.55 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

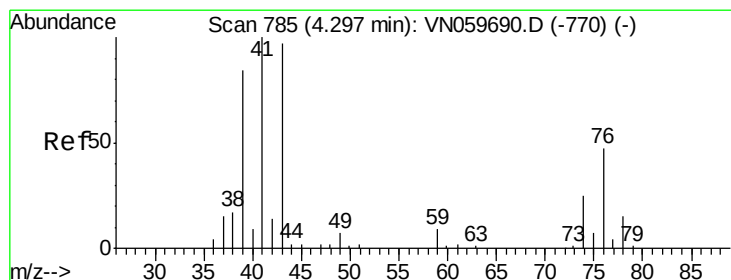
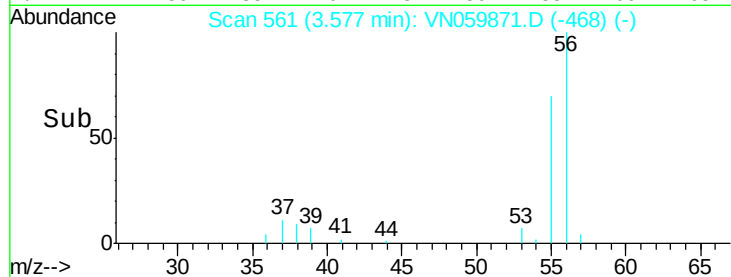
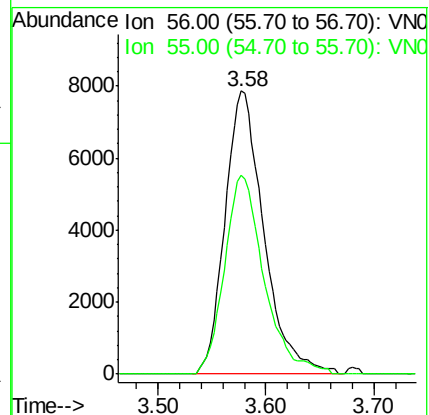
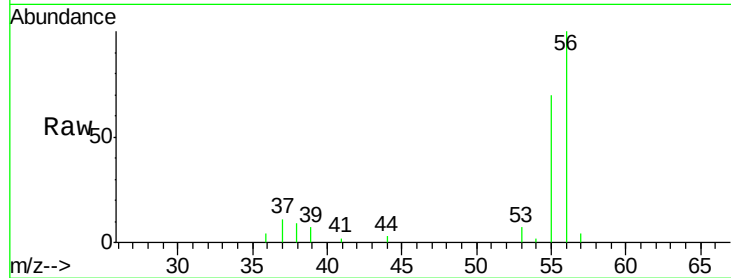
VN0127MBSD01

Tgt Ion: 56 Resp: 19709

Ion Ratio Lower Upper

56 100

55 71.5 58.6 88.0



#14

Allyl chloride

Concen: 20.38 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

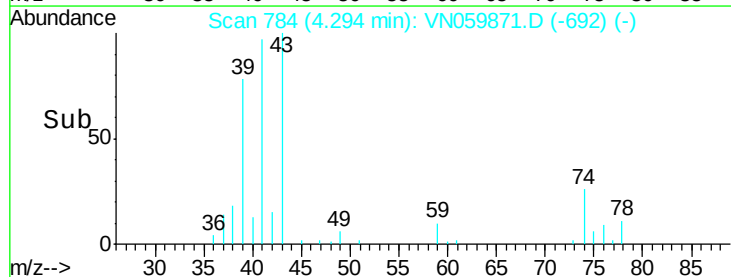
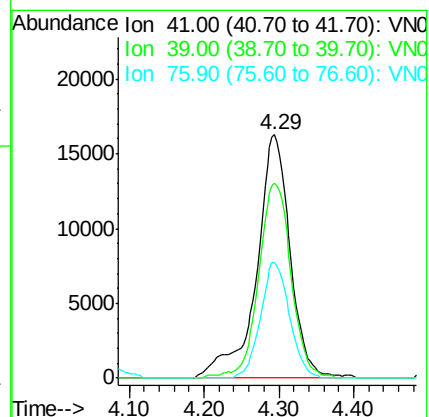
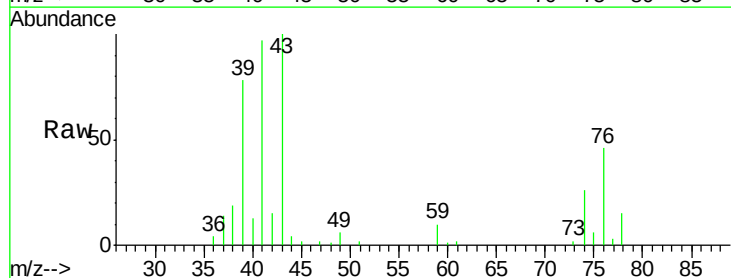
Tgt Ion: 41 Resp: 50894

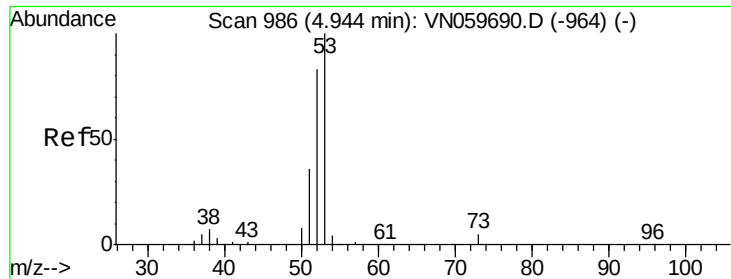
Ion Ratio Lower Upper

41 100

39 77.4 57.8 86.8

76 41.0 25.4 38.0#





#15

Acrylonitrile

Concen: 98.37 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBSD01

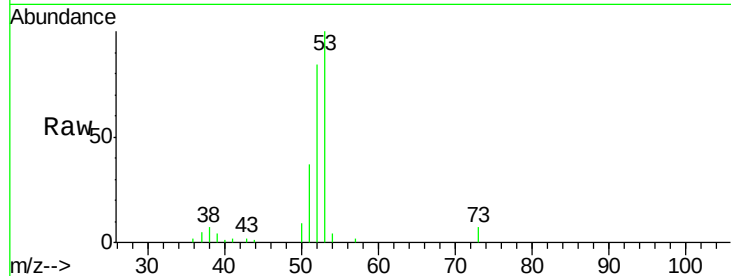
Tgt Ion: 53 Resp: 84945

Ion Ratio Lower Upper

53 100

52 83.0 66.3 99.5

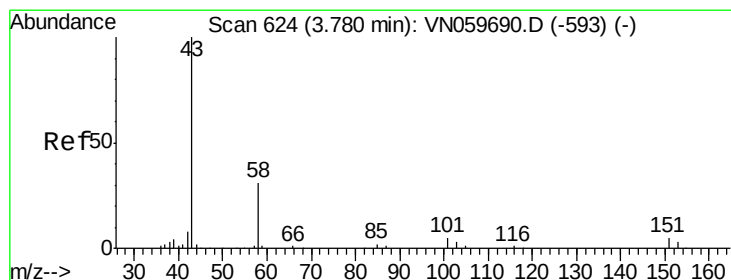
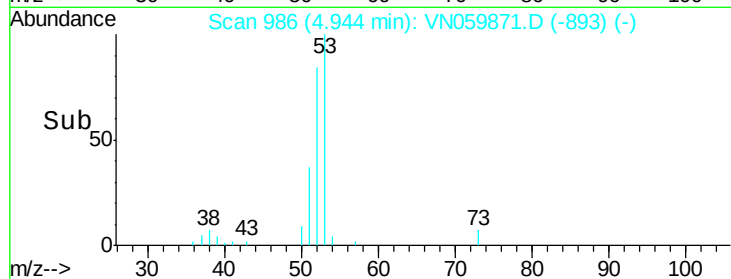
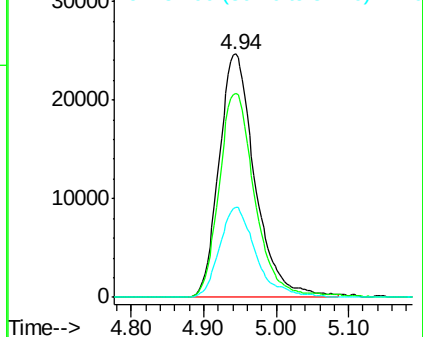
51 37.4 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 99.77 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN059871.D

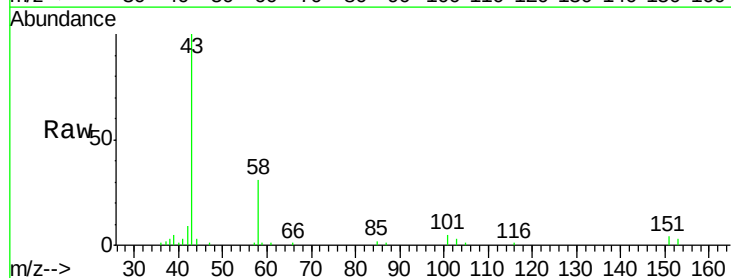
Acq: 27 Jan 2020 14:42

Tgt Ion: 43 Resp: 81141

Ion Ratio Lower Upper

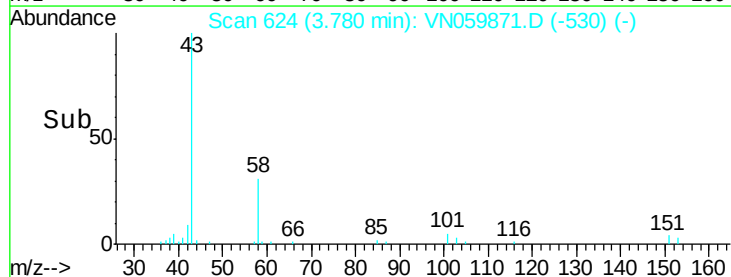
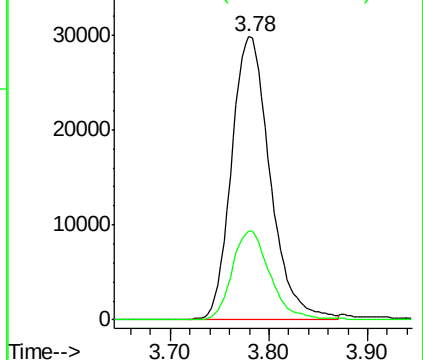
43 100

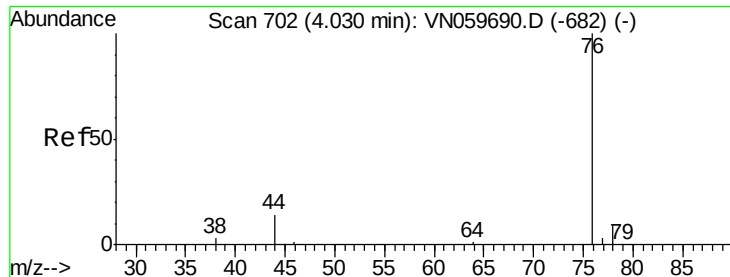
58 31.5 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

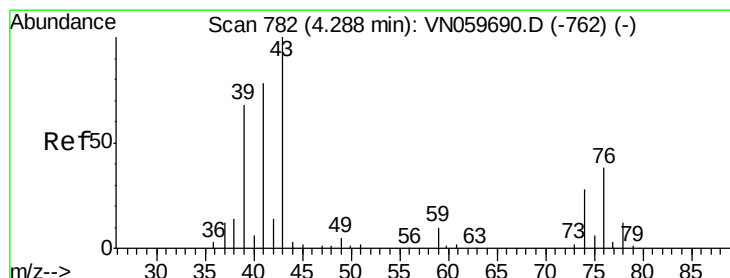
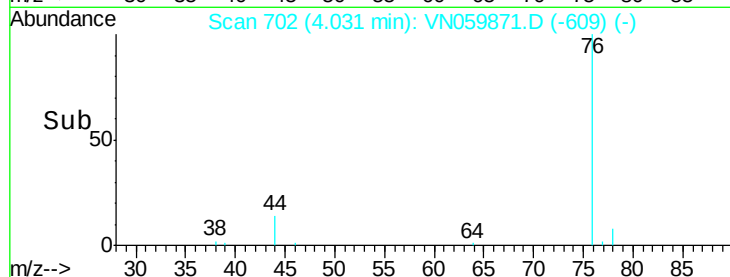
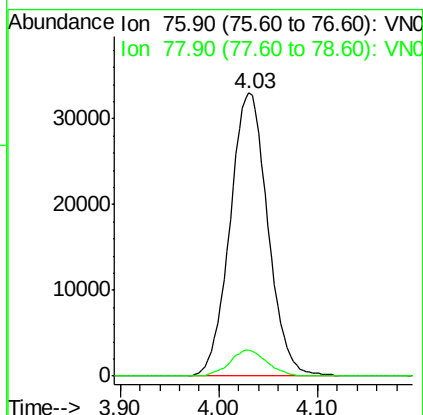
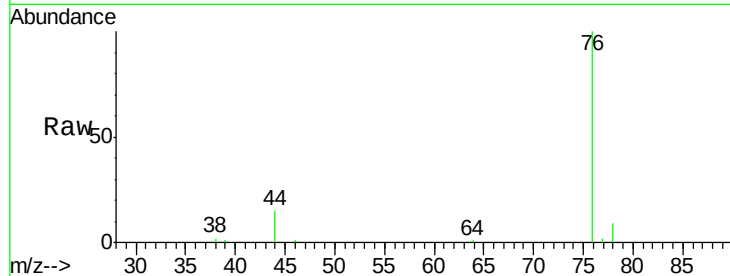




#17
Carbon Disulfide
Concen: 16.67 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

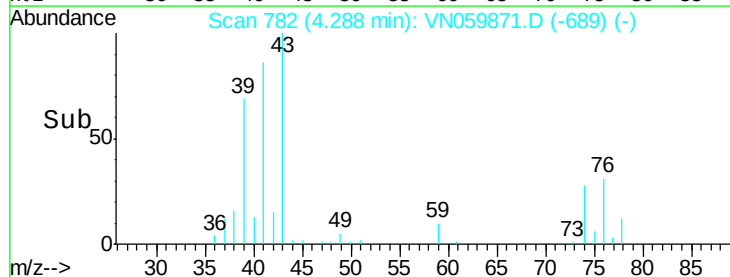
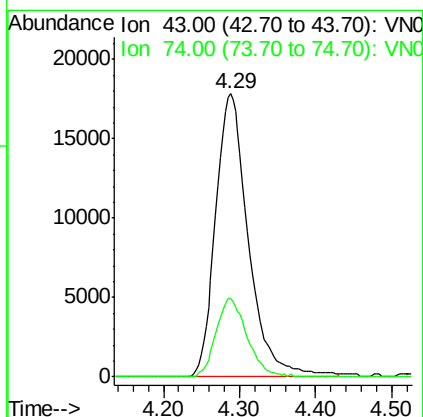
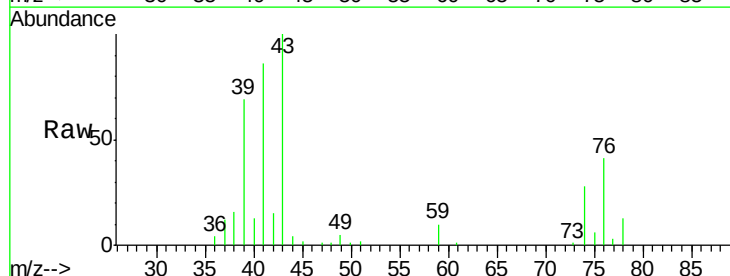
Instrument :
MSVOA_N
ClientSampled :
VN0127MBSD01

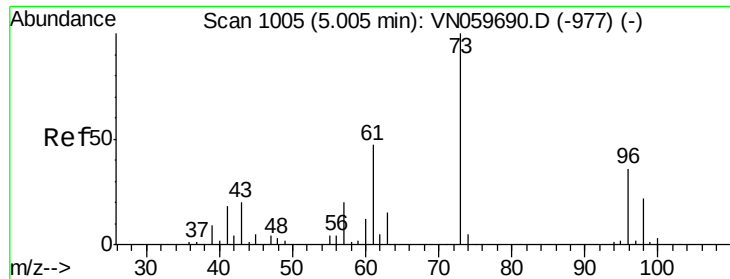
Tgt Ion: 76 Resp: 87966
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 20.38 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion: 43 Resp: 53529
Ion Ratio Lower Upper
43 100
74 26.0 17.5 26.3

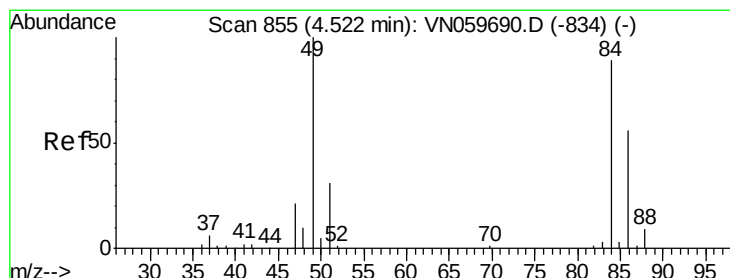
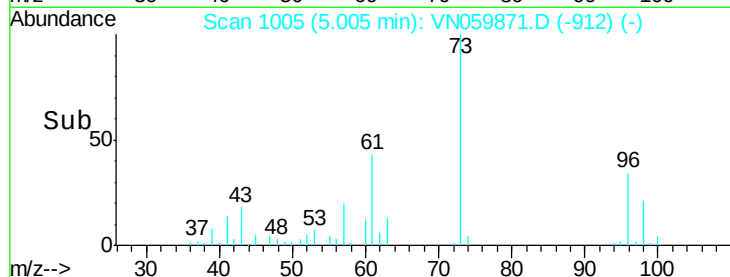
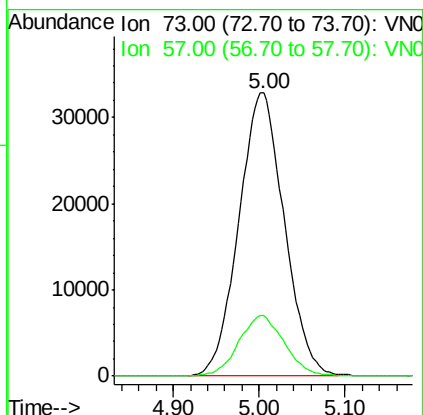
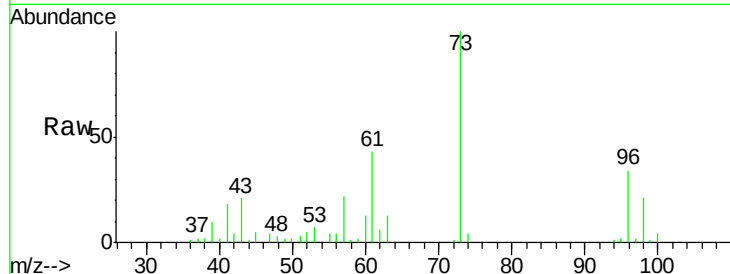




#19
Methyl tert-butyl Ether
Concen: 19.96 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

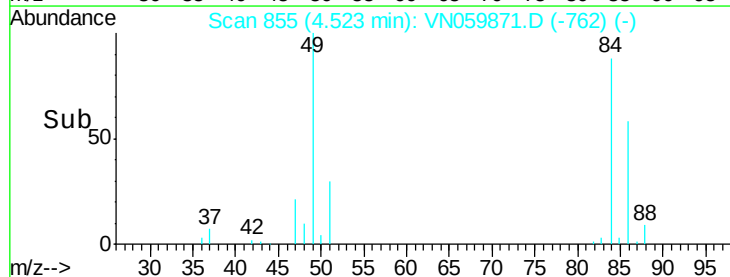
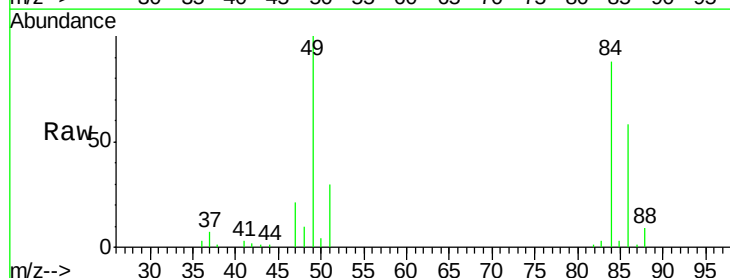
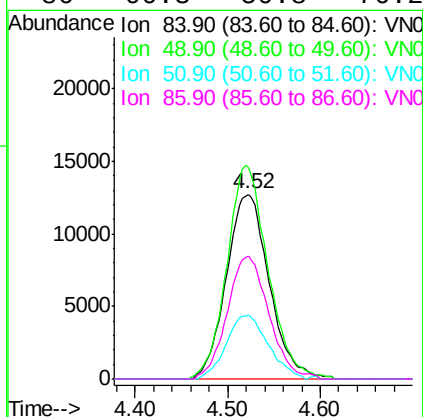
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

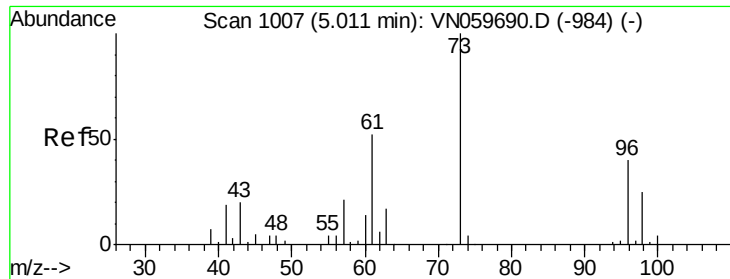
Tgt Ion: 73 Resp: 120576
Ion Ratio Lower Upper
73 100
57 21.5 18.6 27.8



#20
Methylene Chloride
Concen: 19.25 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion: 84 Resp: 40783
Ion Ratio Lower Upper
84 100
49 114.3 106.6 160.0
51 34.4 31.9 47.9
86 66.3 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 18.45 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBSD01

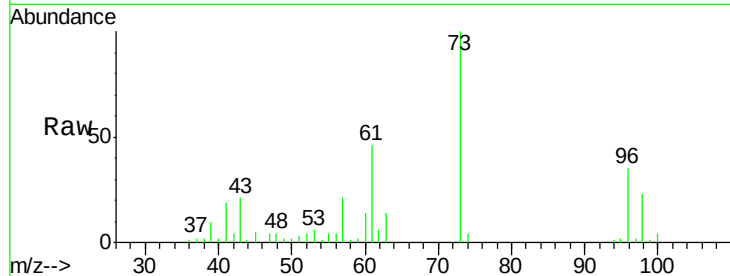
Tgt Ion: 96 Resp: 36329

Ion Ratio Lower Upper

96 100

61 131.3 120.4 180.6

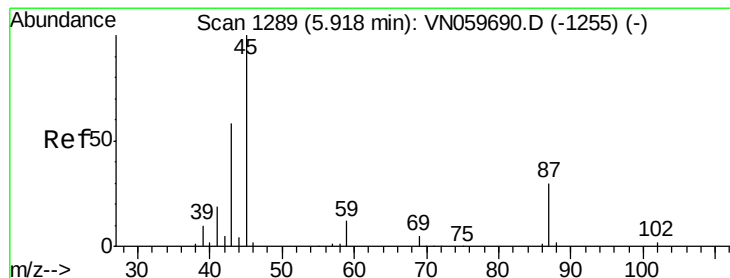
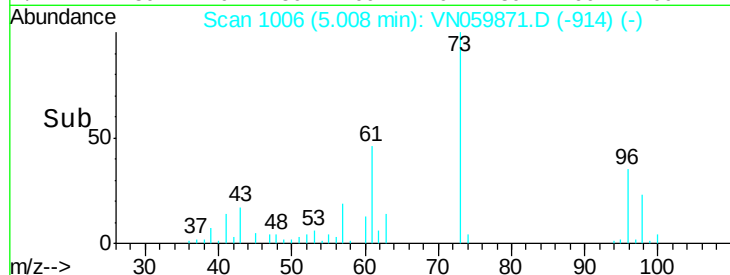
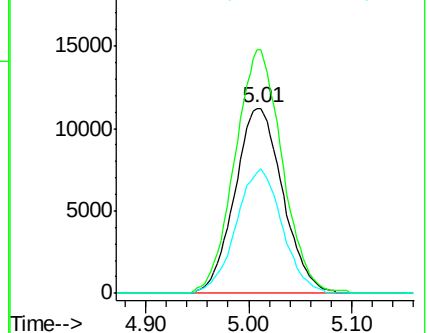
98 65.4 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 19.31 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Tgt Ion: 45 Resp: 109282

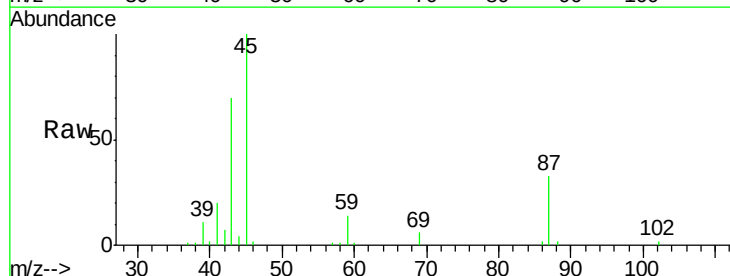
Ion Ratio Lower Upper

45 100

43 67.1 50.8 76.2

87 32.9 21.0 31.6#

59 14.0 9.1 13.7#

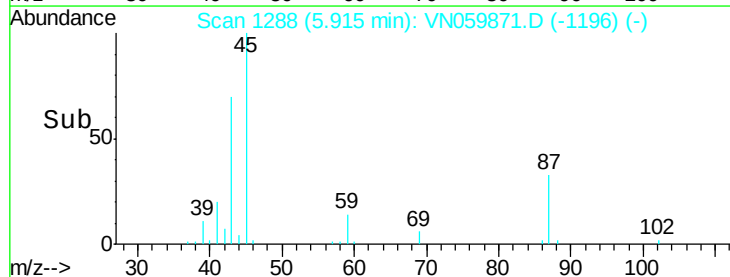
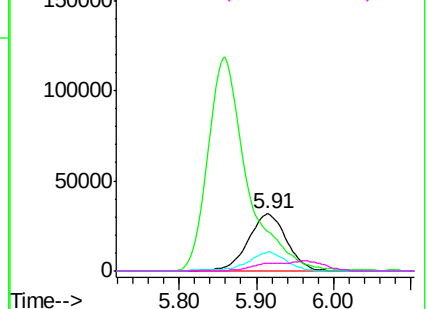


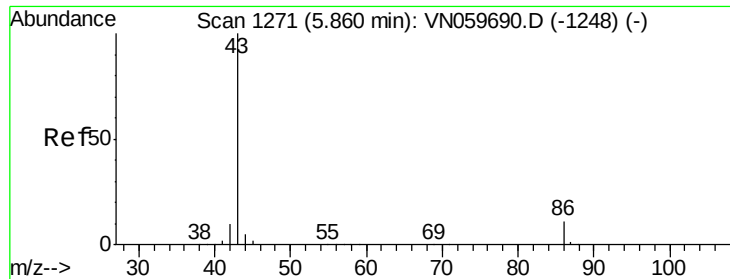
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 95.53 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

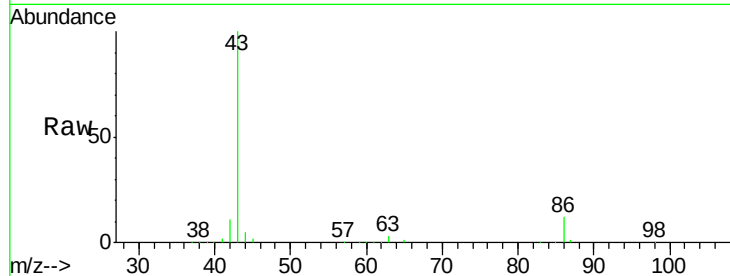
VN0127MBSD01

Tgt Ion: 43 Resp: 418560

Ion Ratio Lower Upper

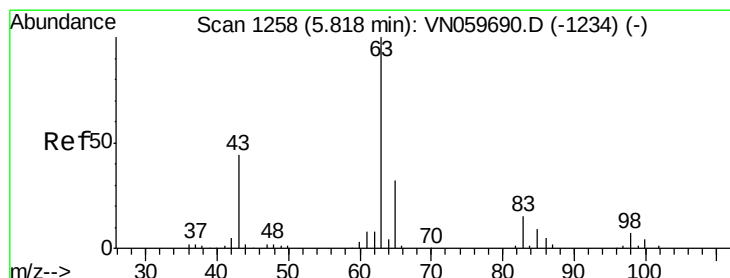
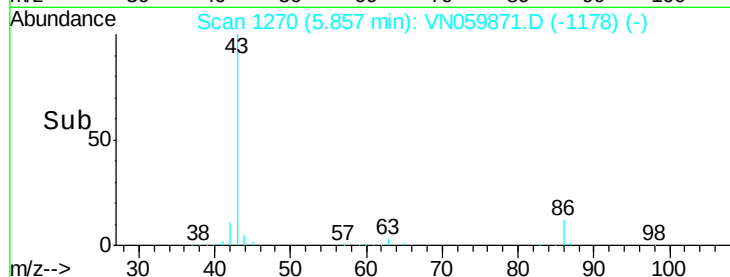
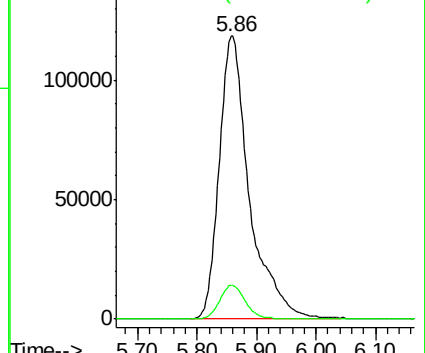
43 100

86 12.0 7.6 11.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.91 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

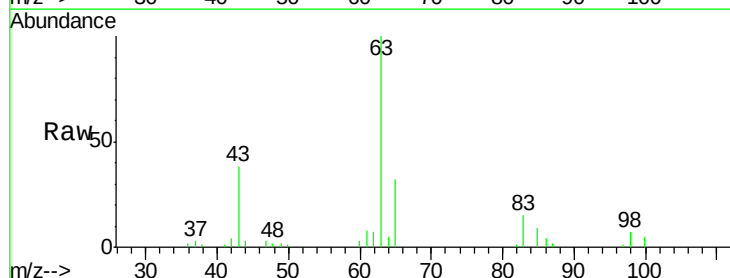
Tgt Ion: 63 Resp: 65396

Ion Ratio Lower Upper

63 100

98 7.3 2.9 8.7

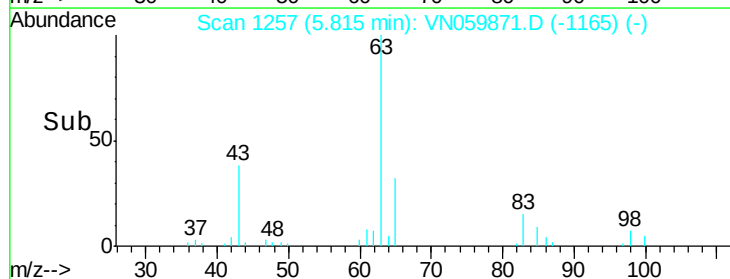
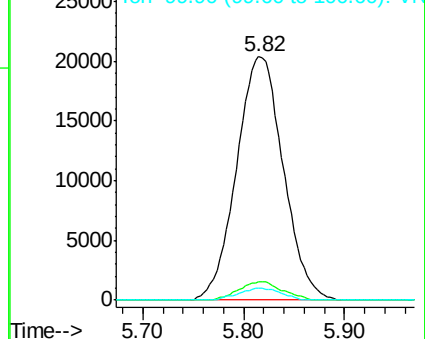
100 5.0 2.0 6.0

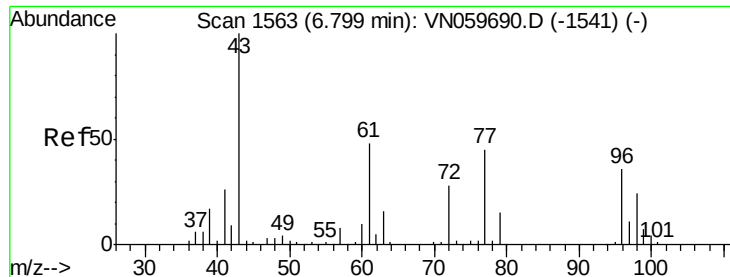


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 89.03 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

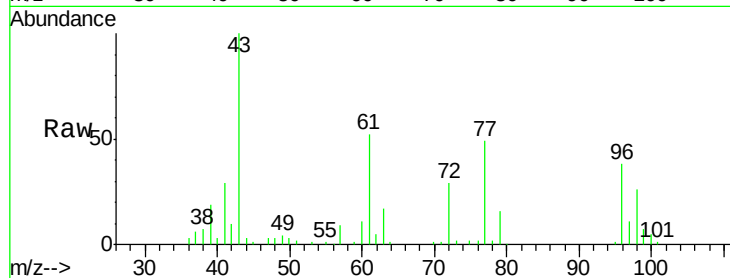
VN0127MBSD01

Tgt Ion: 43 Resp: 113377

Ion Ratio Lower Upper

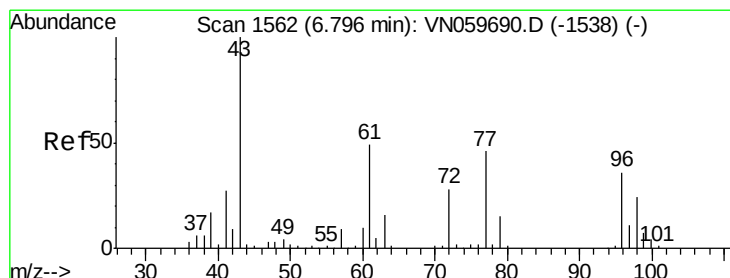
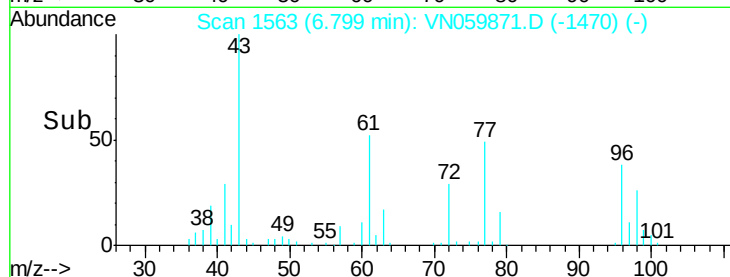
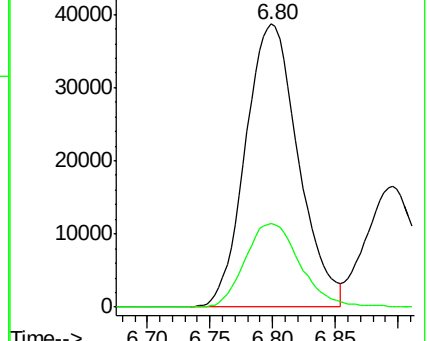
43 100

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: 18.49 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059871.D

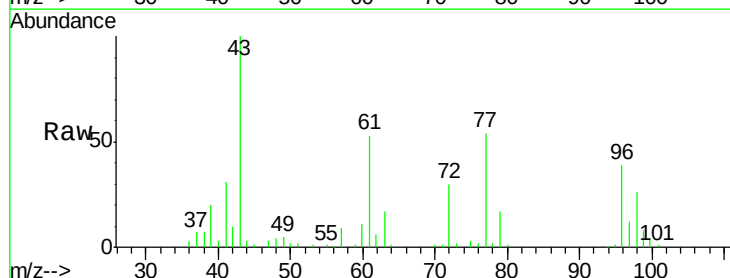
Acq: 27 Jan 2020 14:42

Tgt Ion: 77 Resp: 61465

Ion Ratio Lower Upper

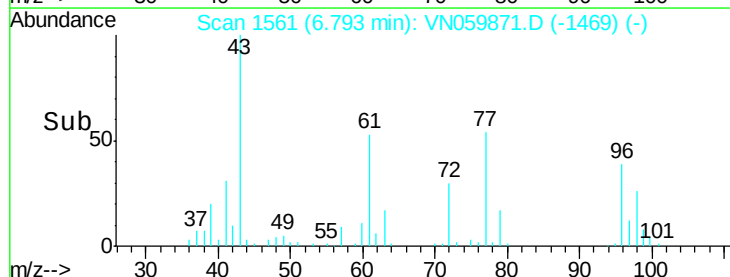
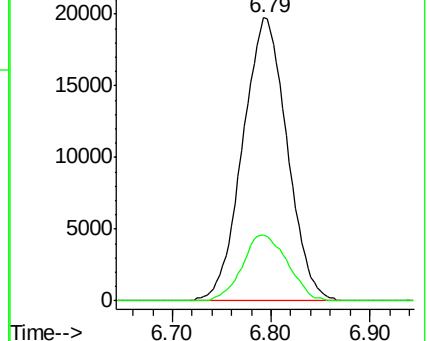
77 100

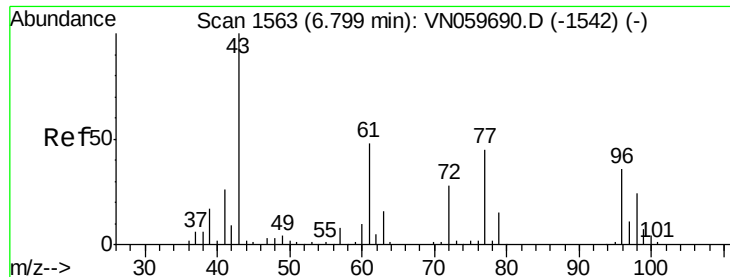
97 23.8 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

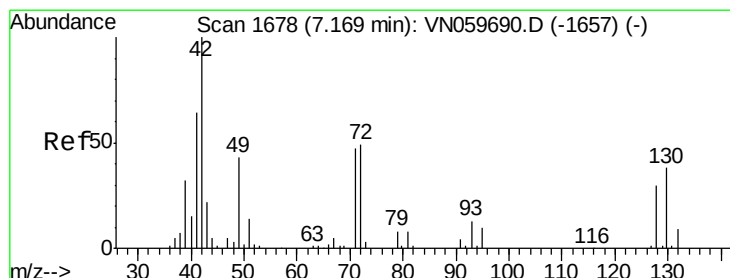
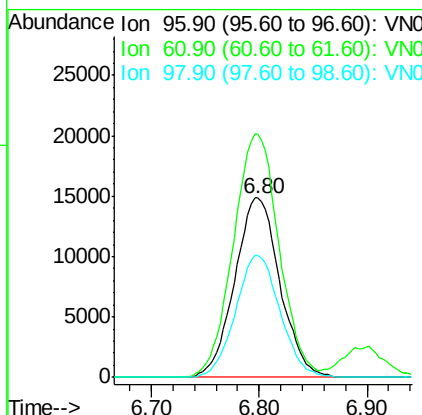
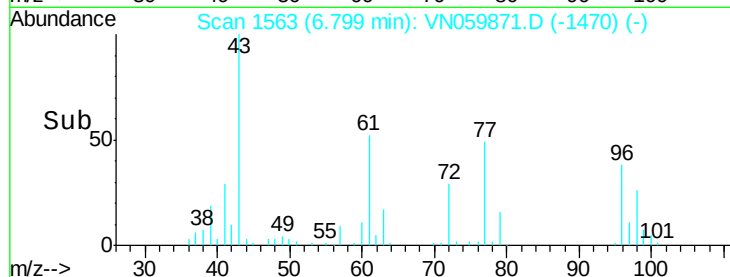
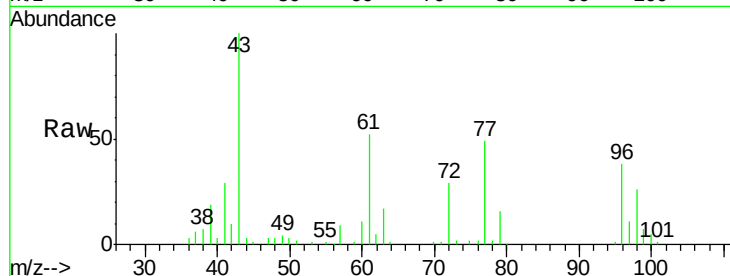




#27
 cis-1,2-Dichloroethene
 Concen: 19.10 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

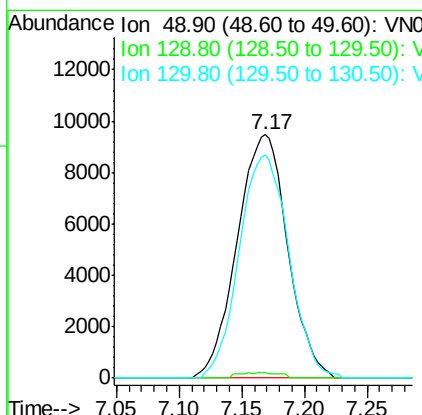
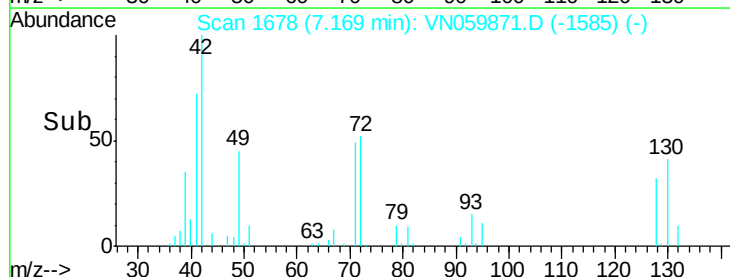
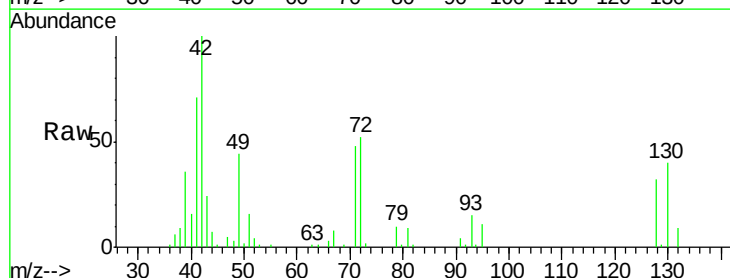
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBSD01

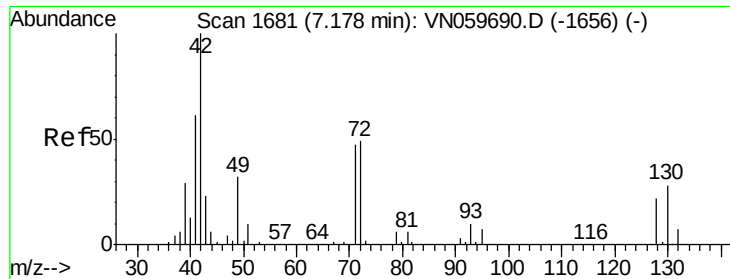
Tgt Ion: 96 Resp: 43262
 Ion Ratio Lower Upper
 96 100
 61 137.5 0.0 317.6
 98 66.8 0.0 127.0



#28
 Bromochloromethane
 Concen: 19.17 ug/l
 RT: 7.17 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

Tgt Ion: 49 Resp: 26493
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 90.2 54.7 82.1#

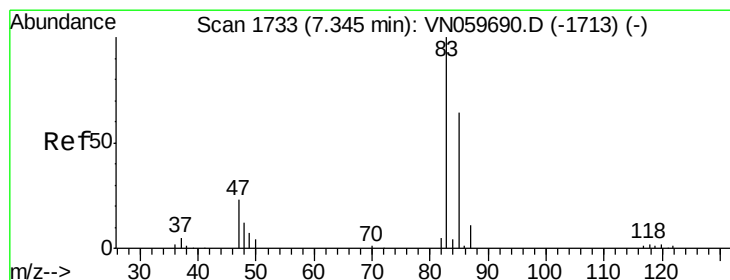
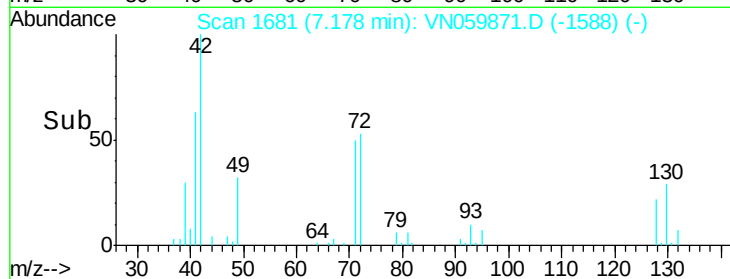
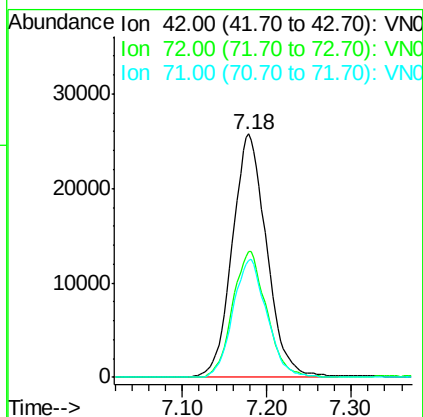
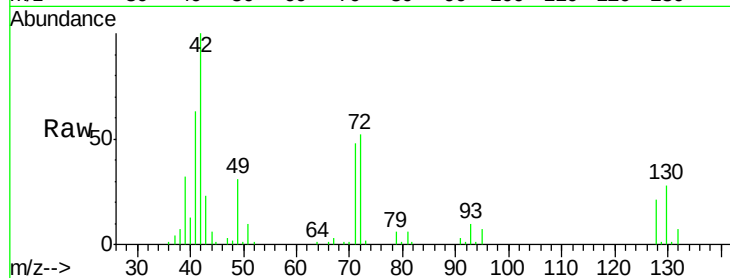




#29
Tetrahydrofuran
Concen: 92.65 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

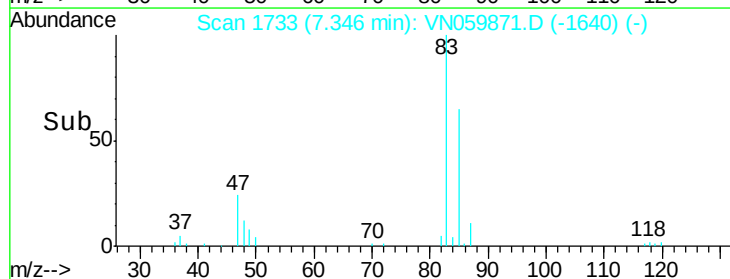
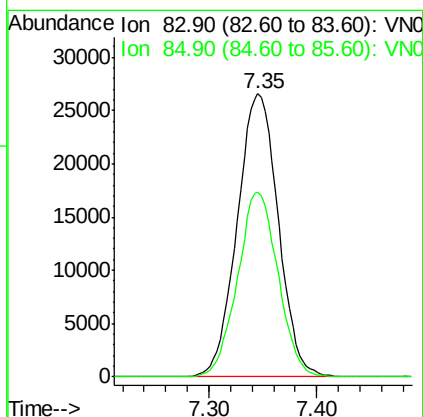
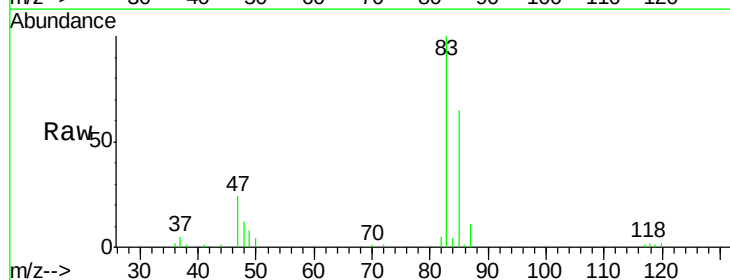
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

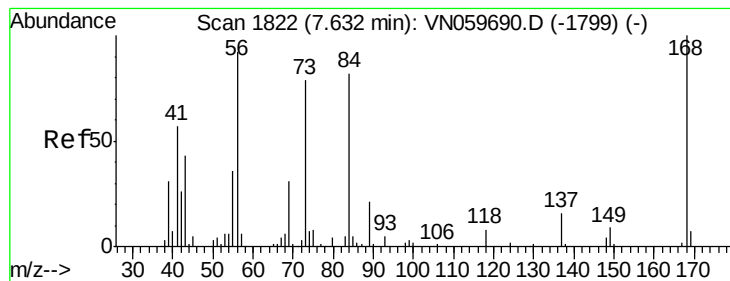
Tgt Ion: 42 Resp: 73001
Ion Ratio Lower Upper
42 100
72 50.9 33.1 49.7#
71 47.7 31.4 47.0#



#30
Chloroform
Concen: 19.64 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion: 83 Resp: 70359
Ion Ratio Lower Upper
83 100
85 65.1 52.4 78.6





#31

Cyclohexane

Concen: 17.41 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampled :

VN0127MBSD01

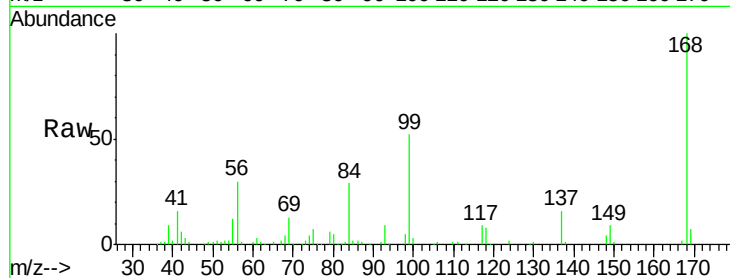
Tgt Ion: 56 Resp: 57925

Ion Ratio Lower Upper

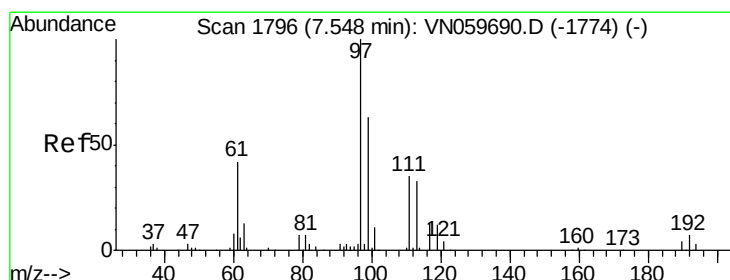
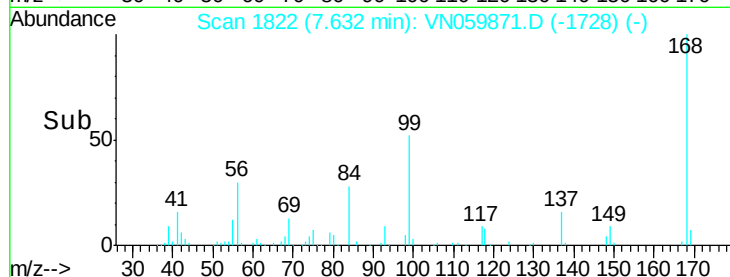
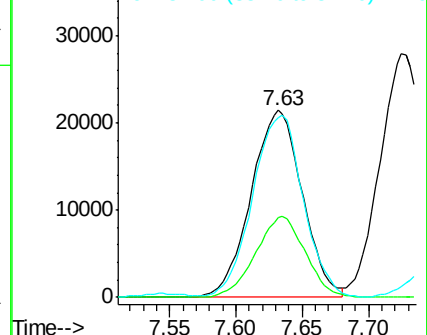
56 100

69 42.4 26.5 39.7#

84 95.2 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: 19.38 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

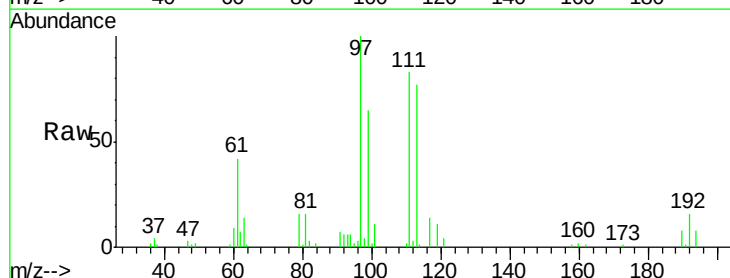
Tgt Ion: 97 Resp: 64190

Ion Ratio Lower Upper

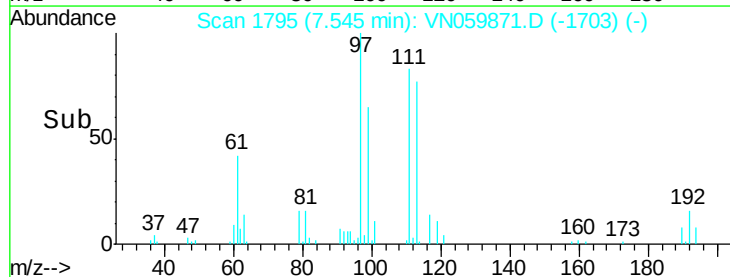
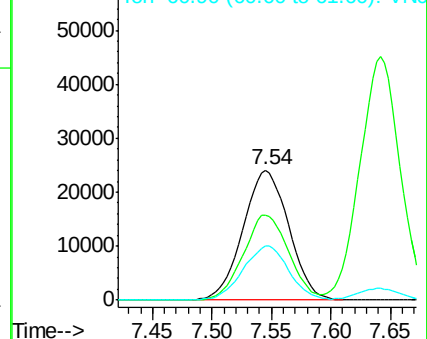
97 100

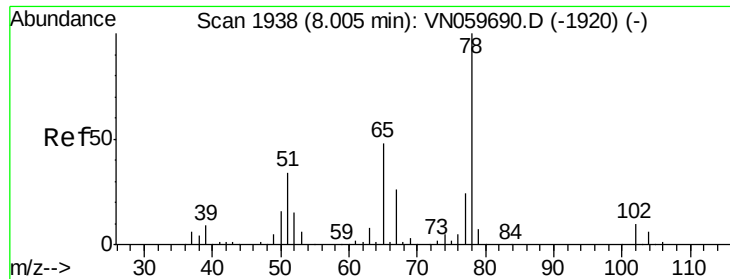
99 65.0 51.0 76.4

61 41.6 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

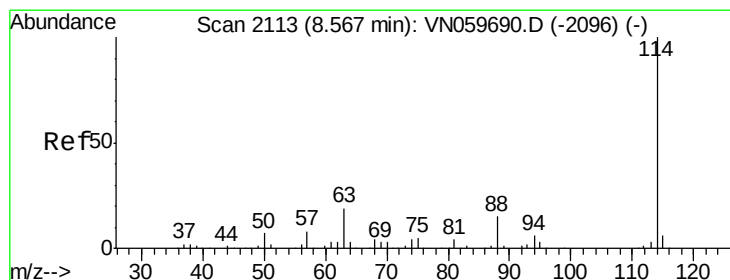
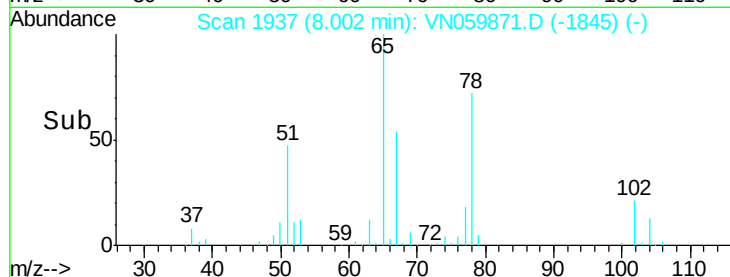
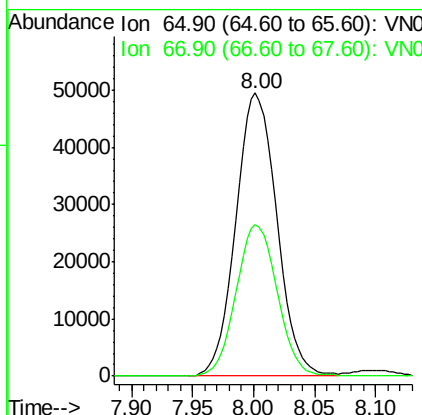
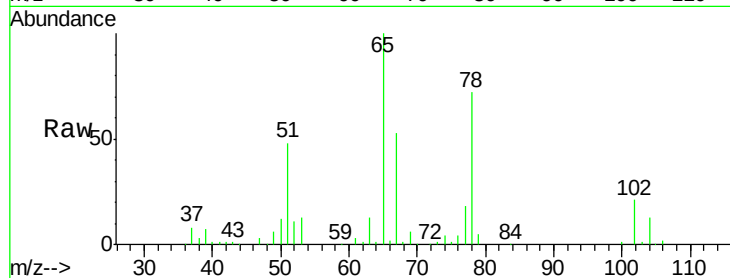




#33
 1,2-Dichloroethane-d4
 Concen: 51.31 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

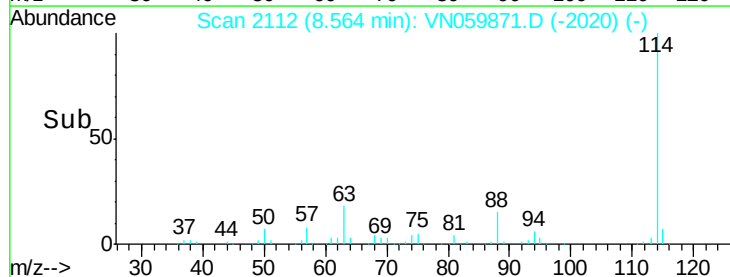
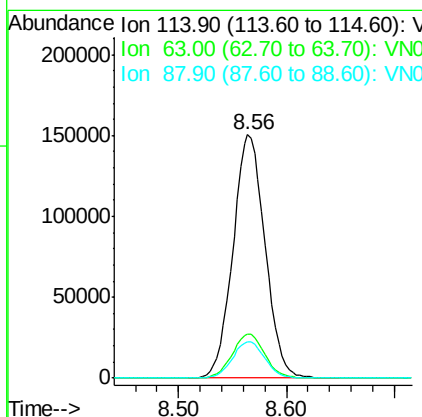
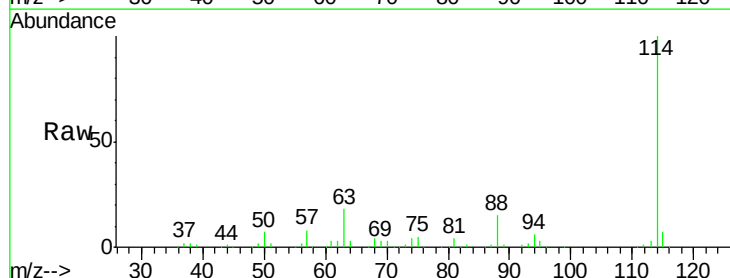
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0127MBSD01

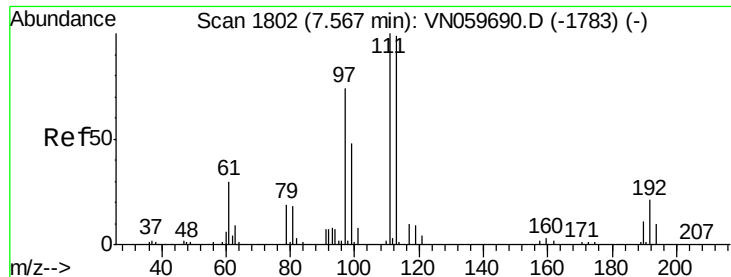
Tgt Ion: 65 Resp: 115379
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

Tgt Ion: 114 Resp: 311065
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 43.6
 88 15.1 0.0 31.4

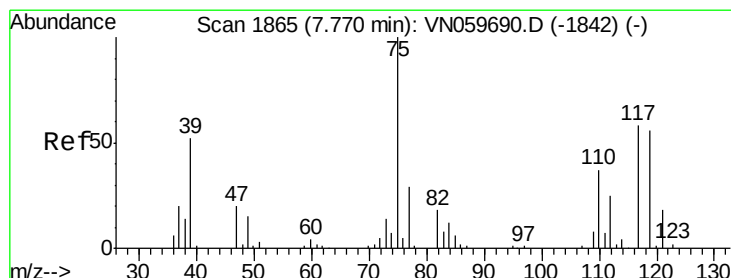
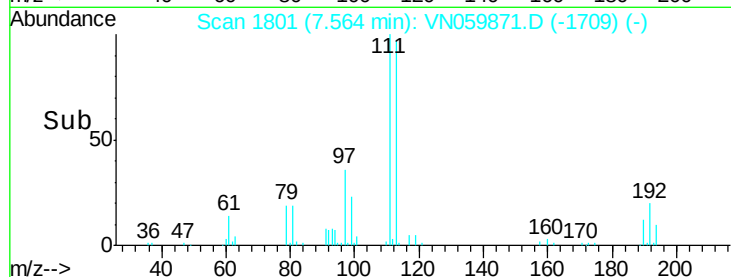
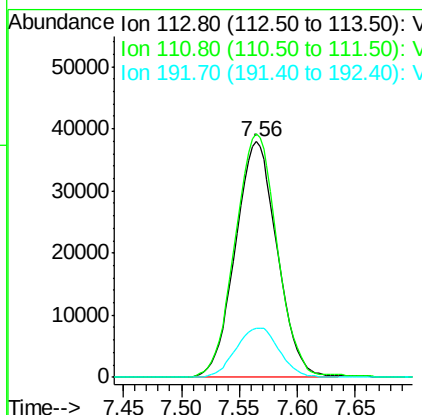
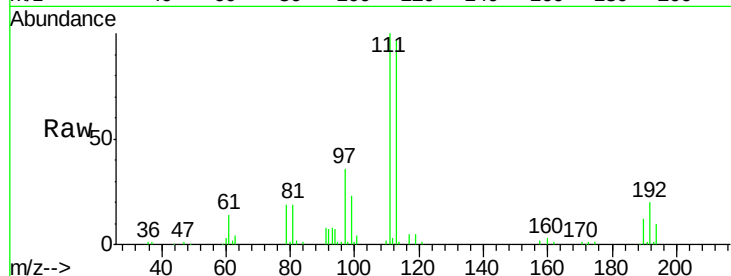




#35
 Dibromofluoromethane
 Concen: 51.19 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

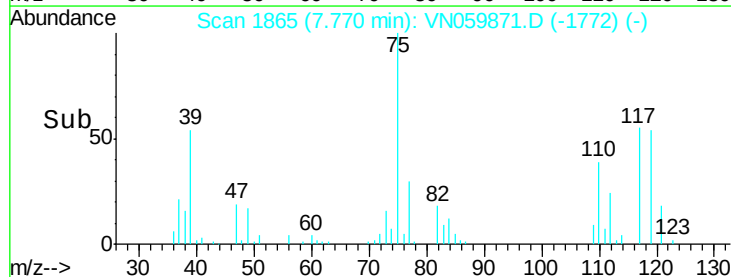
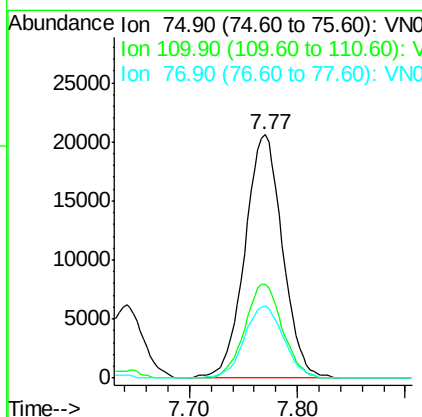
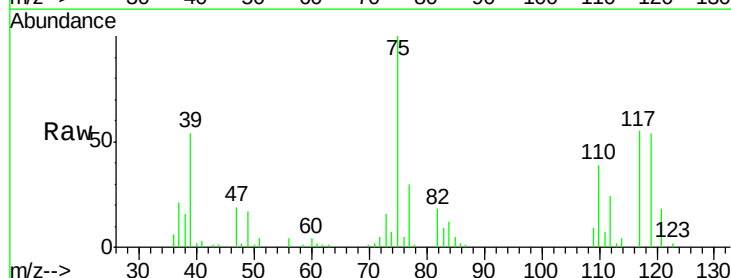
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBSD01

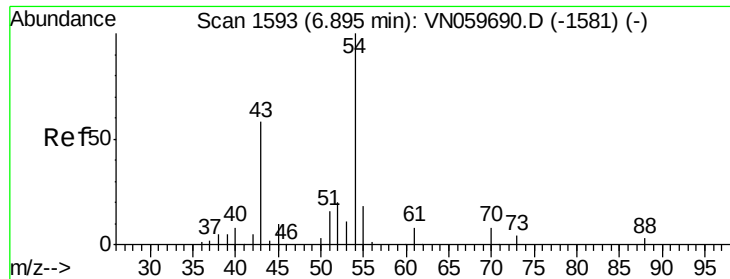
Tgt Ion: 113 Resp: 94961
 Ion Ratio Lower Upper
 113 100
 111 104.9 83.5 125.3
 192 21.8 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 18.43 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

Tgt Ion: 75 Resp: 49912
 Ion Ratio Lower Upper
 75 100
 110 38.2 16.6 49.7
 77 30.9 25.1 37.7

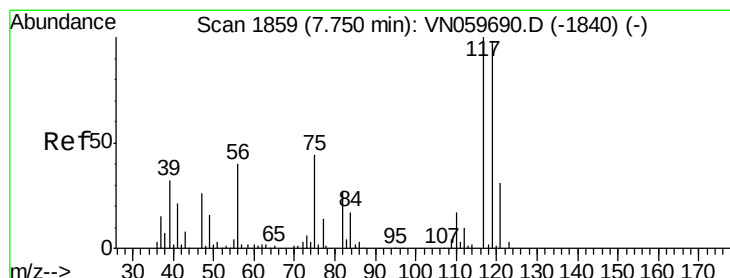
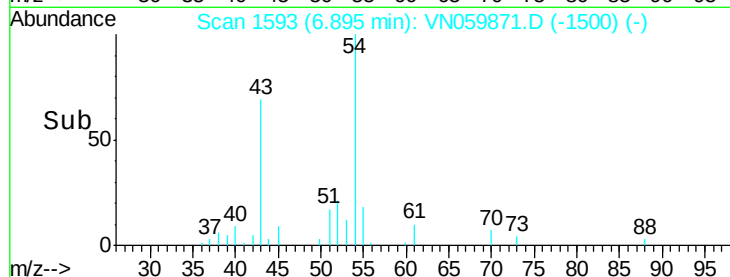
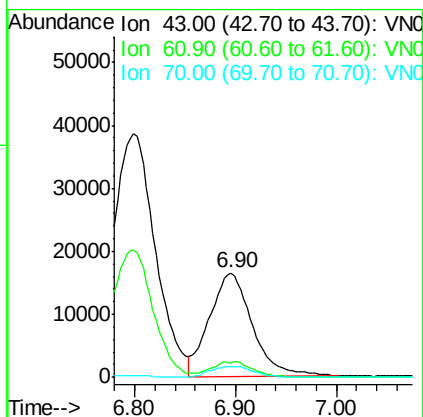
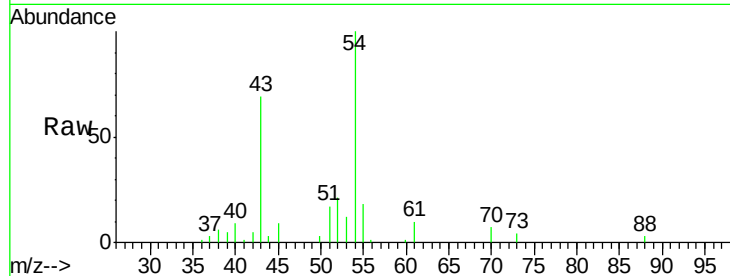




#37
Ethyl Acetate
Concen: 19.06 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

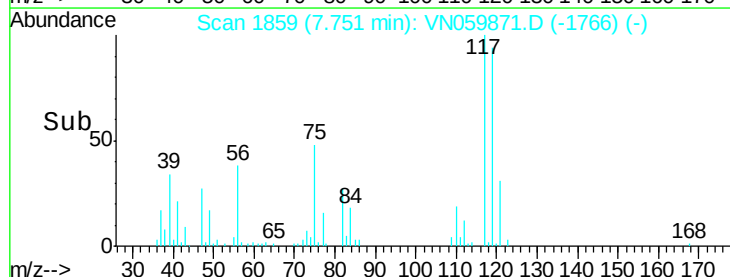
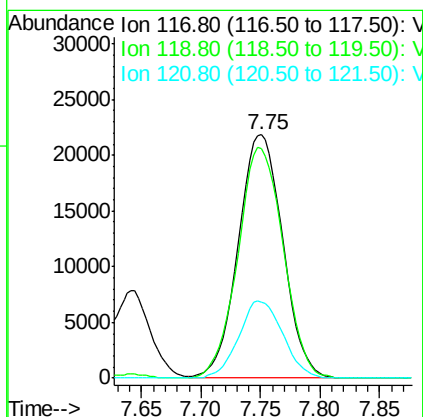
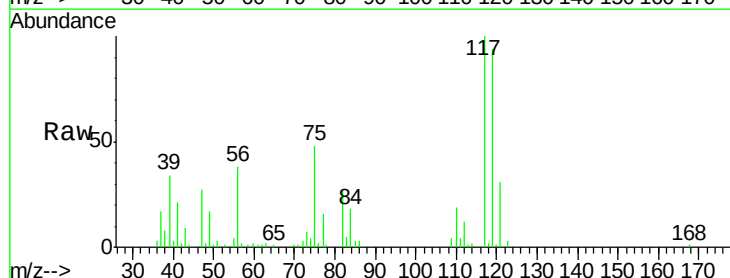
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

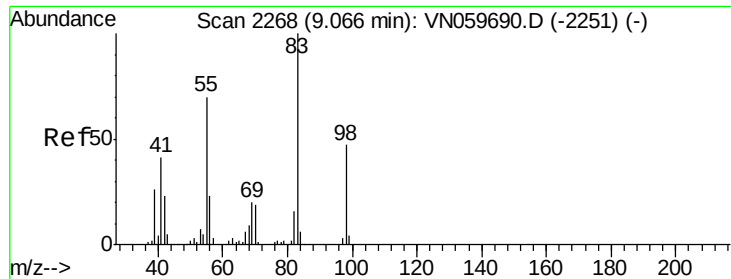
Tgt Ion: 43 Resp: 48414
Ion Ratio Lower Upper
43 100
61 14.9 10.9 16.3
70 10.5 7.7 11.5



#38
Carbon Tetrachloride
Concen: 19.23 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion: 117 Resp: 56673
Ion Ratio Lower Upper
117 100
119 94.0 76.5 114.7
121 31.1 25.1 37.7

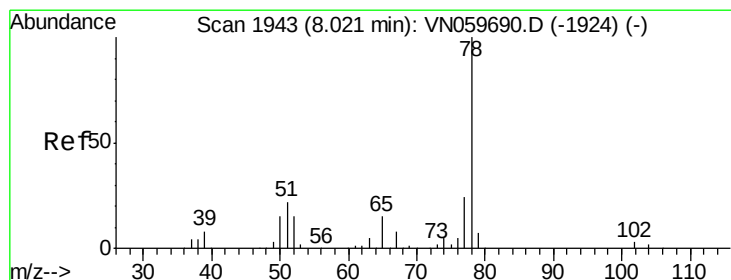
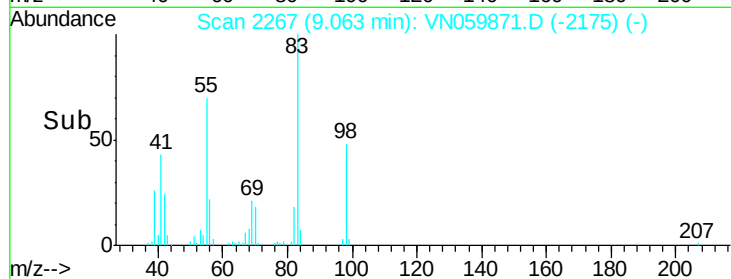
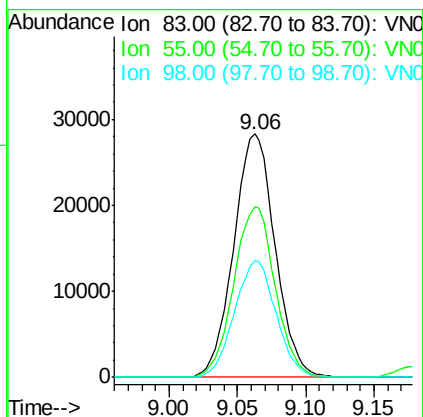
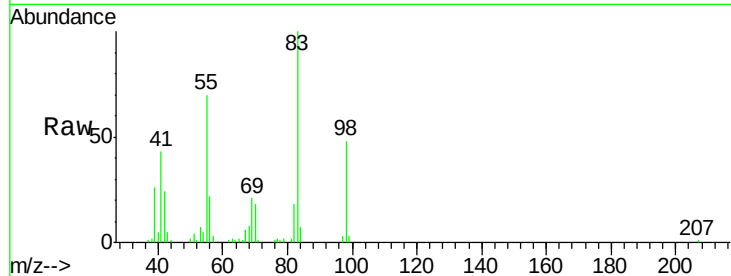




#39
Methylcyclohexane
Concen: 17.83 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

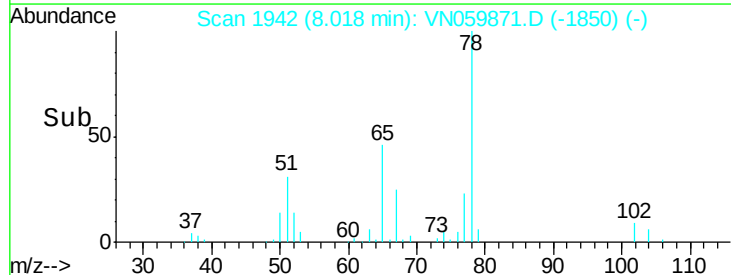
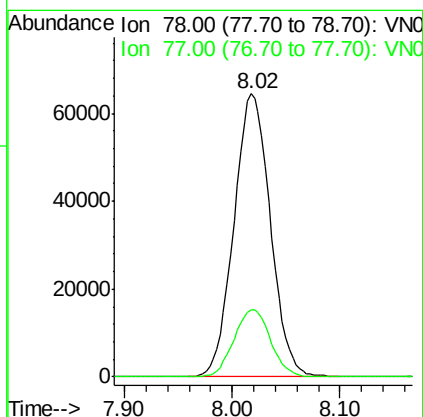
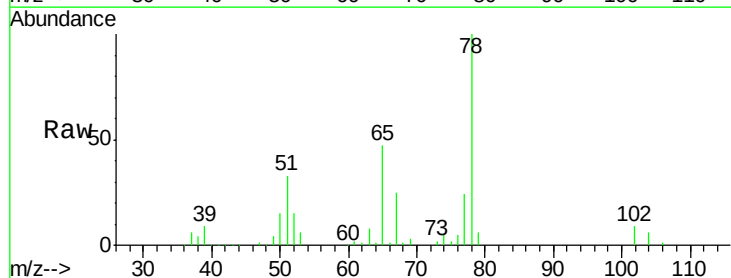
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

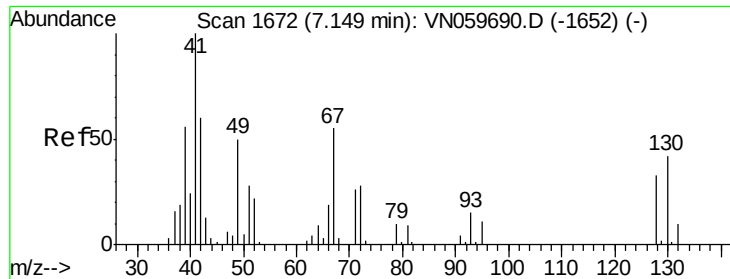
Tgt Ion: 83 Resp: 59567
Ion Ratio Lower Upper
83 100
55 70.0 64.2 96.2
98 48.1 35.9 53.9



#40
Benzene
Concen: 18.78 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion: 78 Resp: 151753
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3

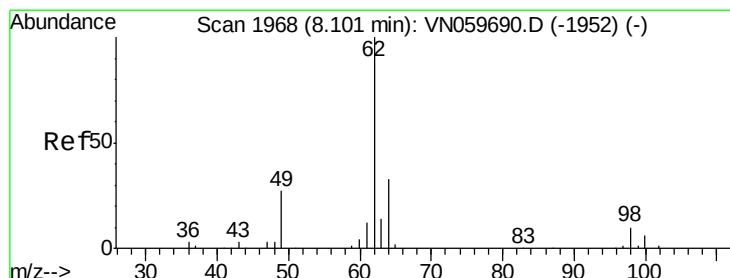
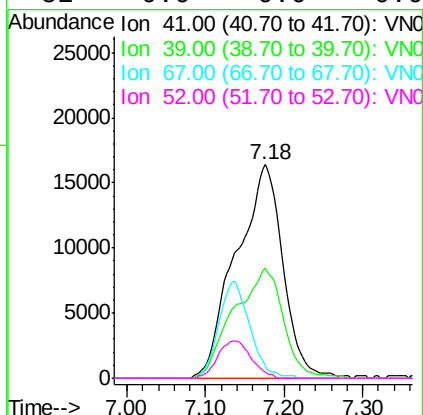
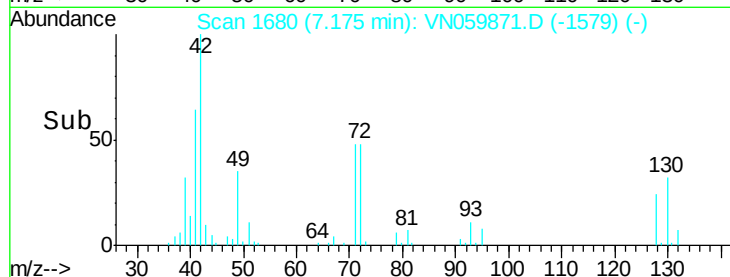
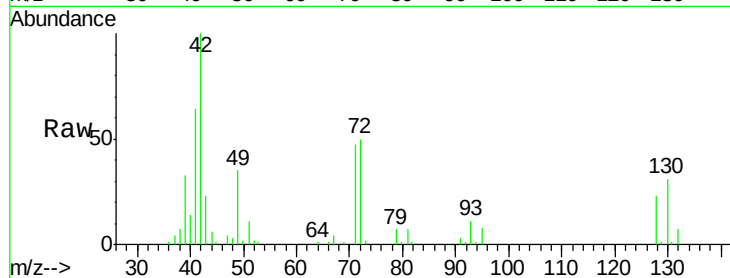




#41
Methacrylonitrile
Concen: 54.70 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

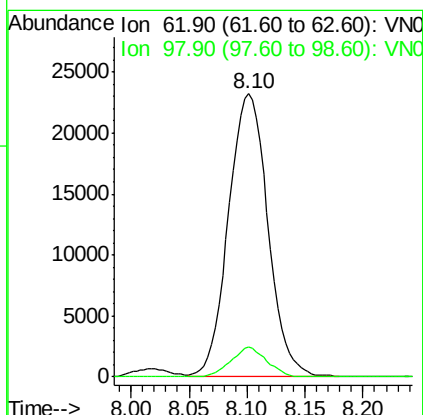
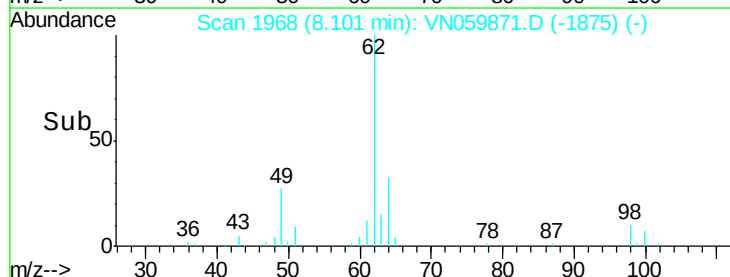
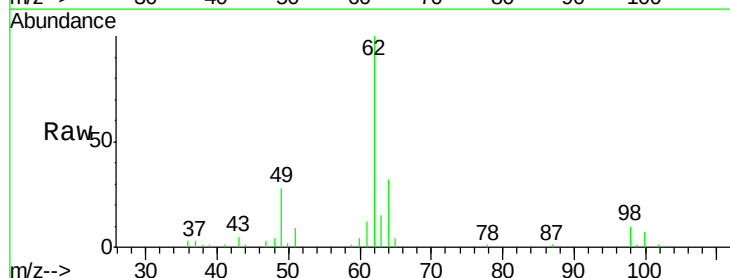
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

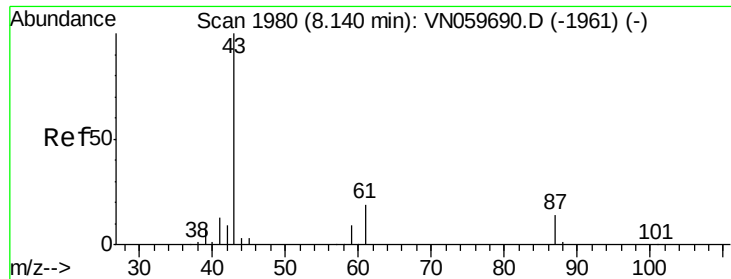
Tgt Ion:	41	Resp:	68452
Ion	Ratio	Lower	Upper
41	100		
39	53.8	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.09 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion:	62	Resp:	55040
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	15.8





#43

Isopropyl Acetate

Concen: 18.96 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBSD01

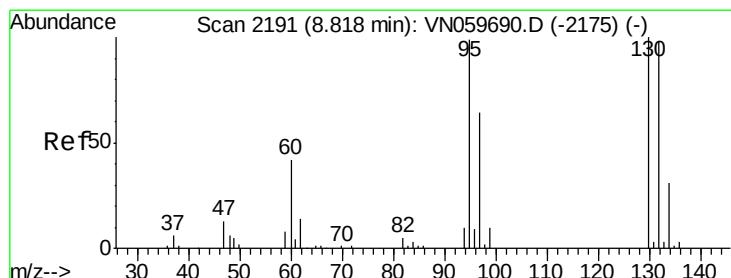
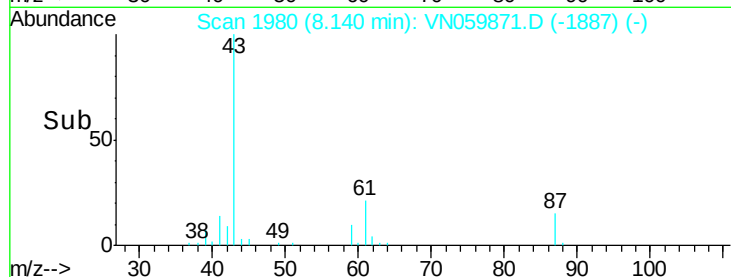
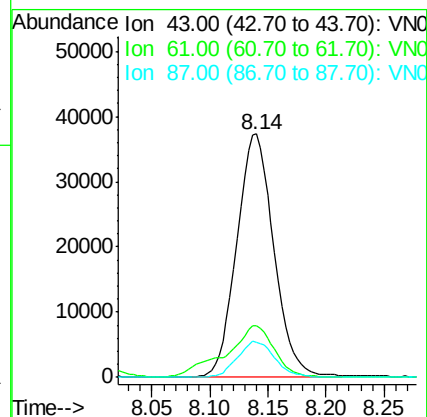
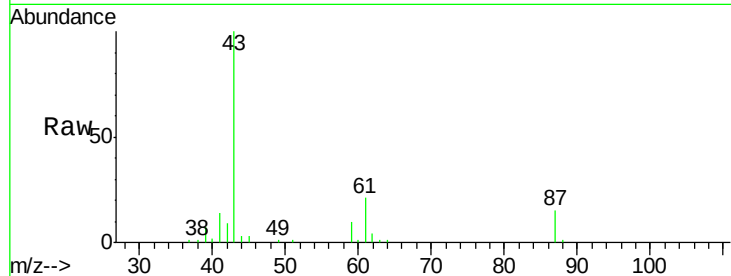
Tgt Ion: 43 Resp: 82839

Ion Ratio Lower Upper

43 100

61 27.9 20.2 30.2

87 14.8 9.5 14.3#



#44

Trichloroethene

Concen: 20.41 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059871.D

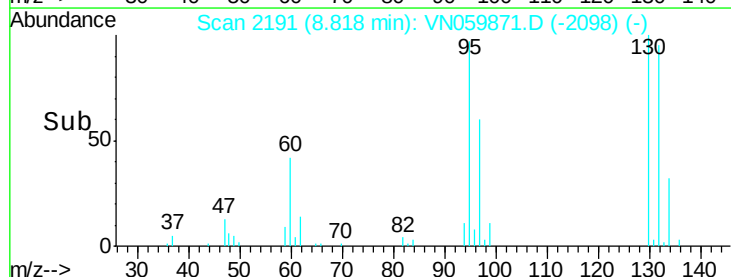
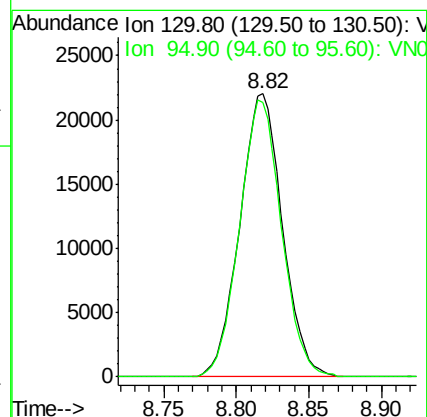
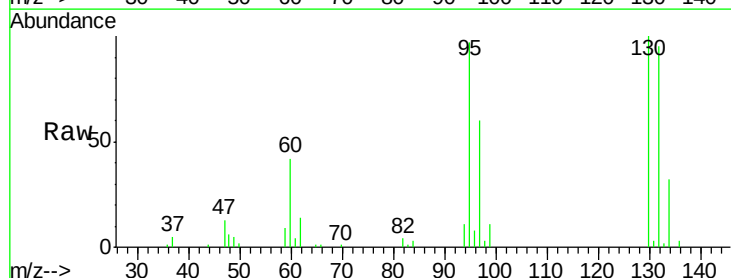
Acq: 27 Jan 2020 14:42

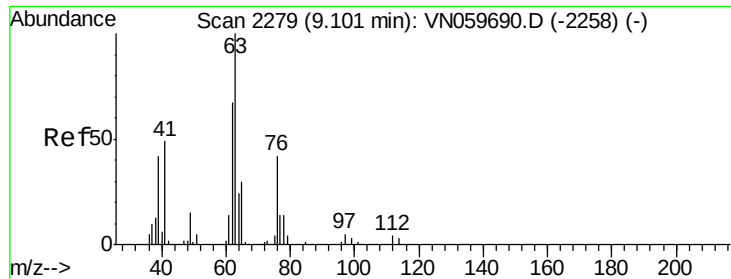
Tgt Ion: 130 Resp: 45017

Ion Ratio Lower Upper

130 100

95 97.0 0.0 207.0

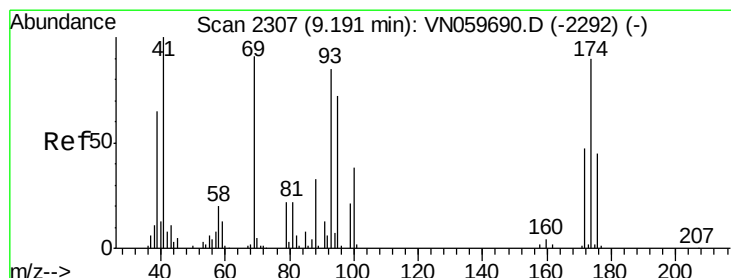
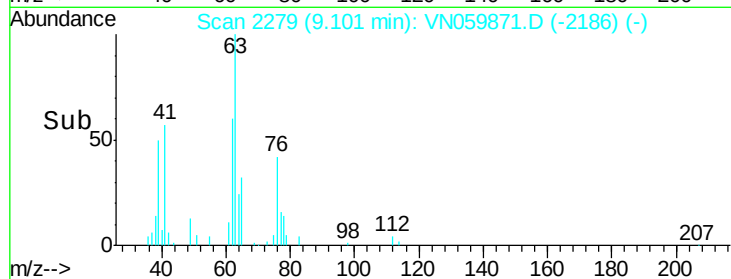
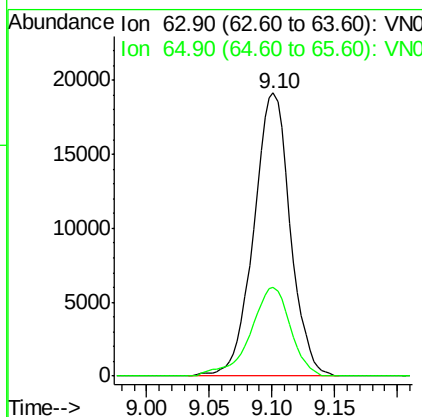
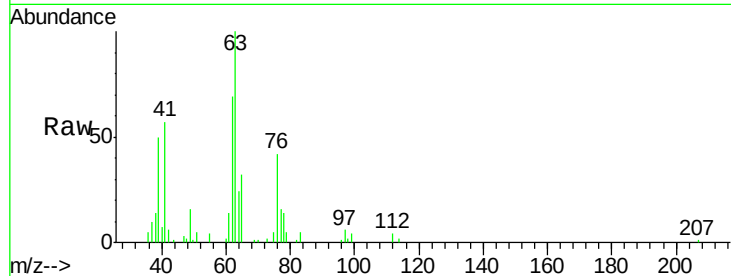




#45
 1,2-Dichloropropane
 Concen: 19.40 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

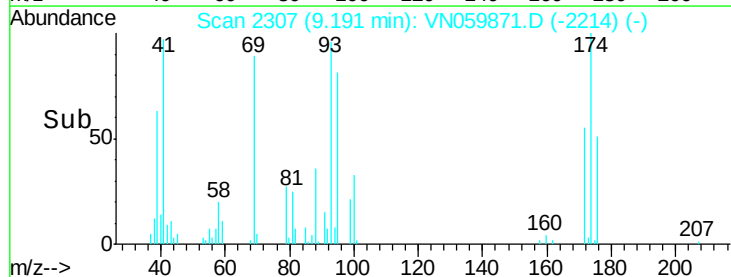
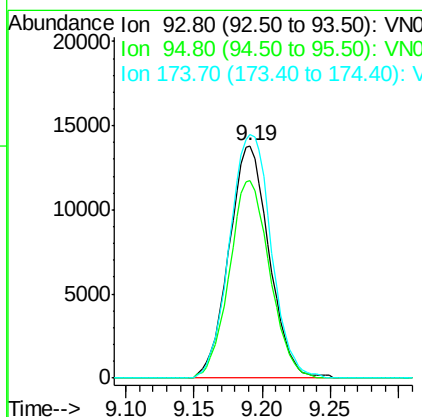
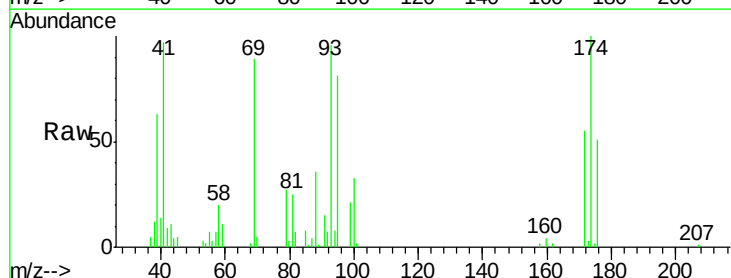
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBSD01

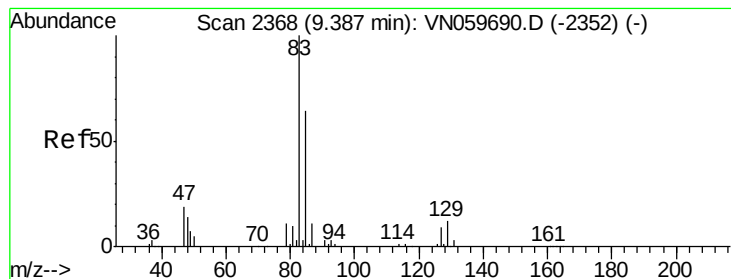
Tgt Ion: 63 Resp: 38775
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.9 37.3



#46
 Dibromomethane
 Concen: 20.00 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

Tgt Ion: 93 Resp: 28199
 Ion Ratio Lower Upper
 93 100
 95 85.3 67.0 100.6
 174 108.9 73.4 110.2





#47

Bromodichloromethane

Concen: 19.86 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBSD01

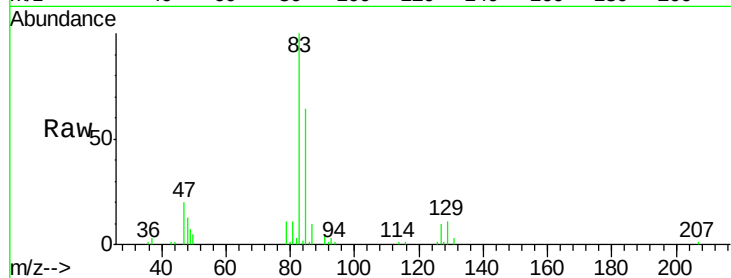
Tgt Ion: 83 Resp: 56431

Ion Ratio Lower Upper

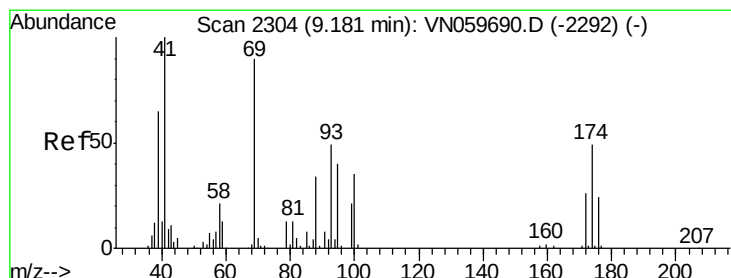
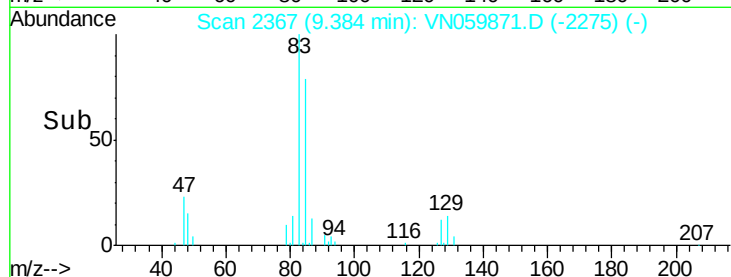
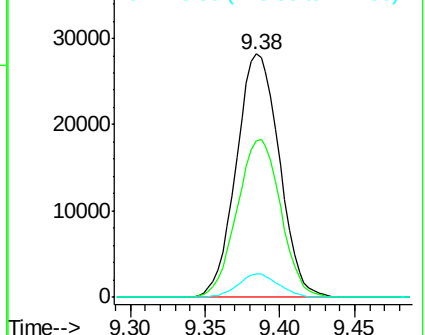
83 100

85 64.3 51.1 76.7

127 9.6 6.6 9.8



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



#48

Methyl methacrylate

Concen: 18.10 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

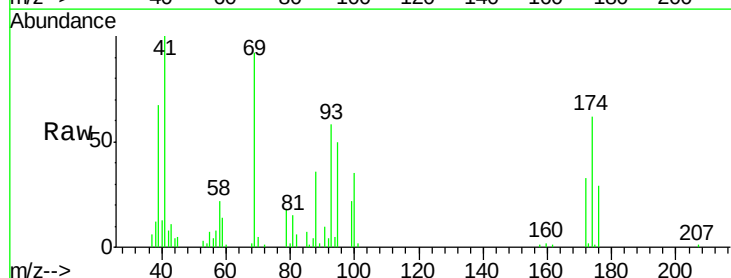
Tgt Ion: 41 Resp: 35374

Ion Ratio Lower Upper

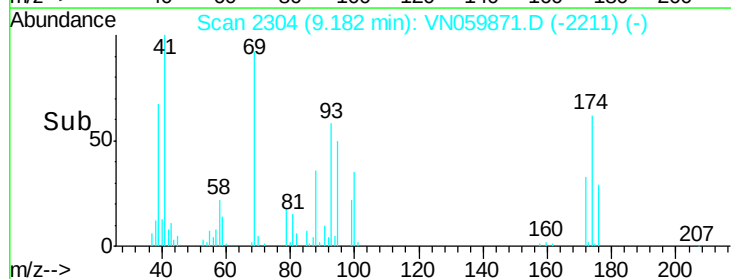
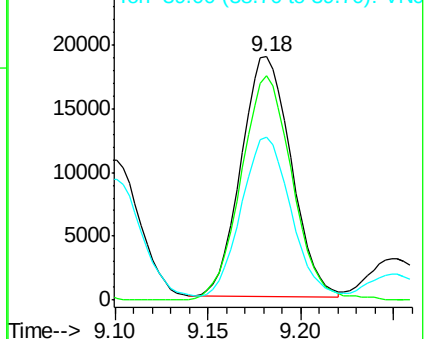
41 100

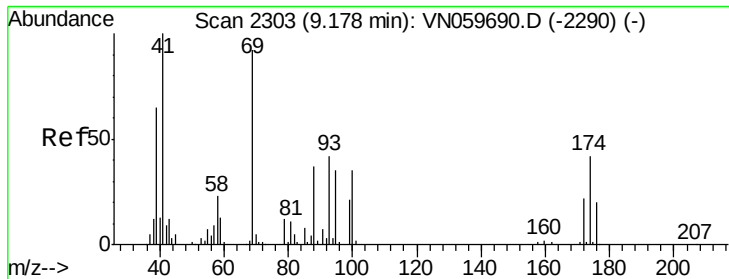
69 95.5 64.4 96.6

39 68.9 51.3 76.9



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

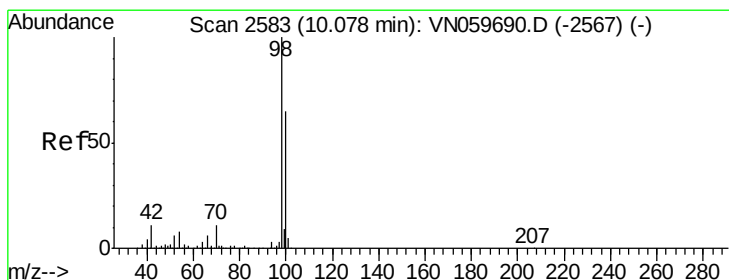
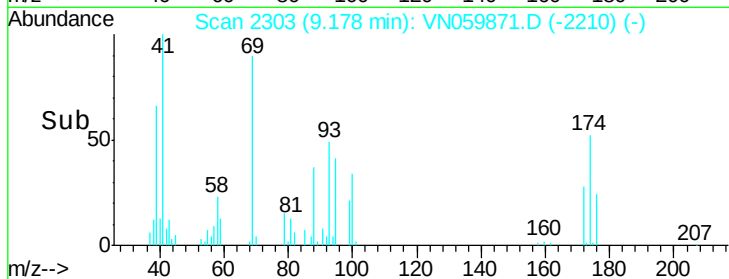
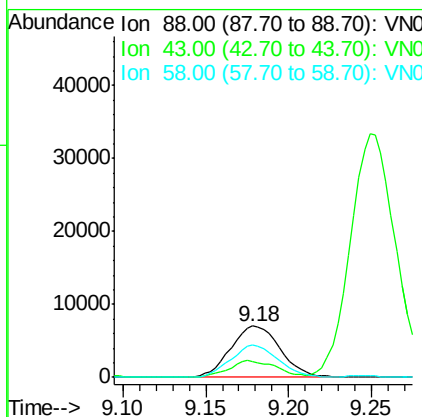
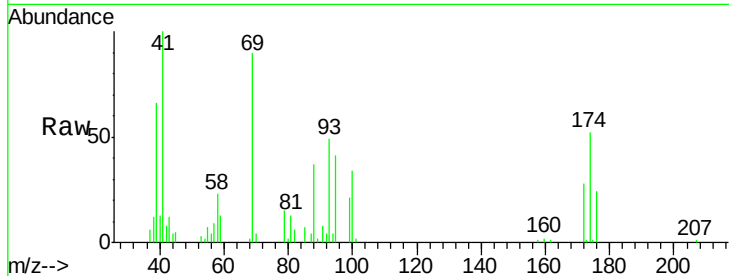




#49
1,4-Dioxane
Concen: 410.04 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

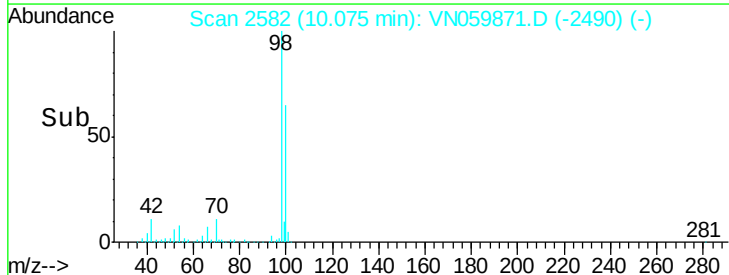
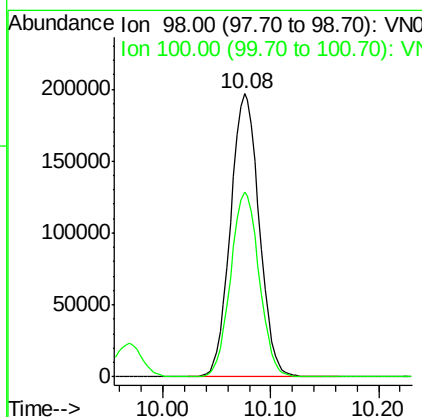
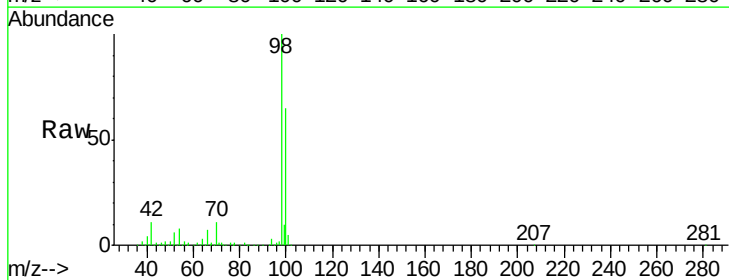
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

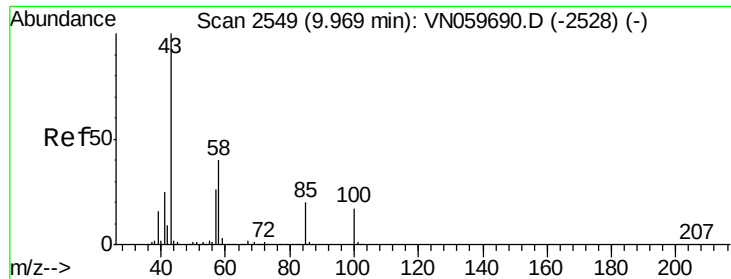
Tgt Ion: 88 Resp: 14673
Ion Ratio Lower Upper
88 100
43 31.4 29.7 44.5
58 60.0 56.6 85.0



#50
Toluene-d8
Concen: 50.42 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion: 98 Resp: 362398
Ion Ratio Lower Upper
98 100
100 65.2 51.2 76.8

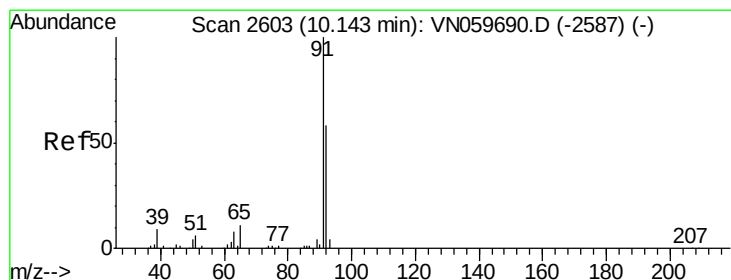
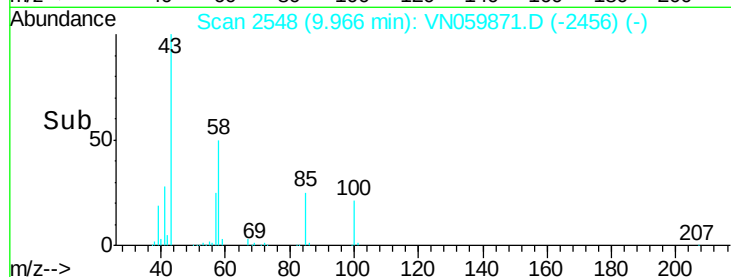
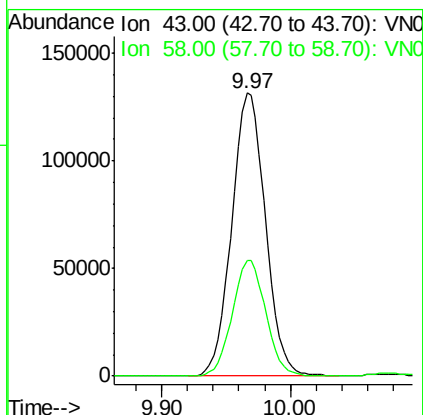
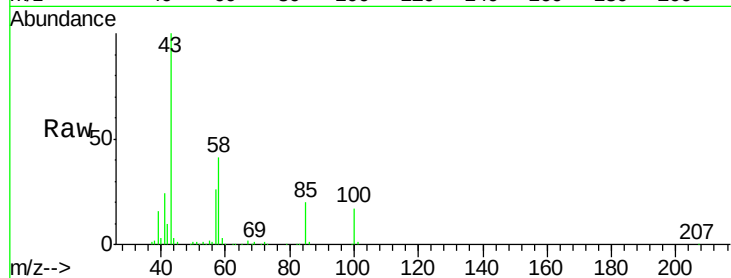




#51
 4-Methyl-2-Pentanone
 Concen: 94.39 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

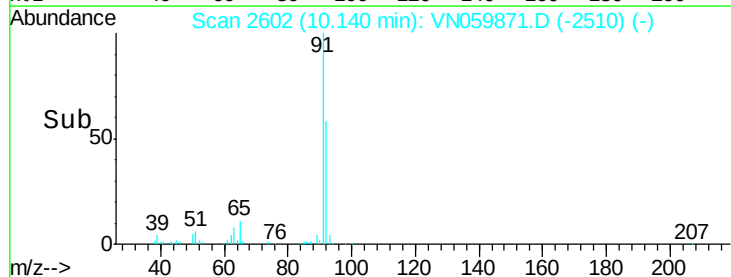
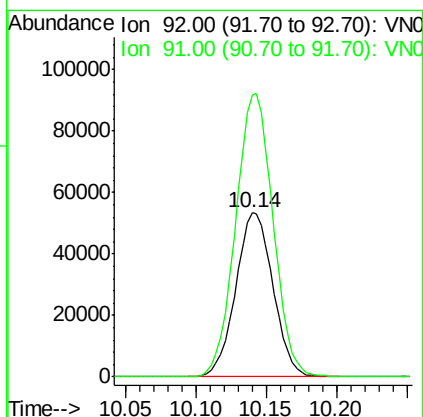
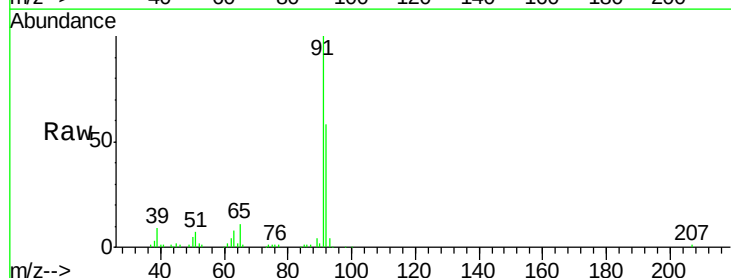
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0127MBSD01

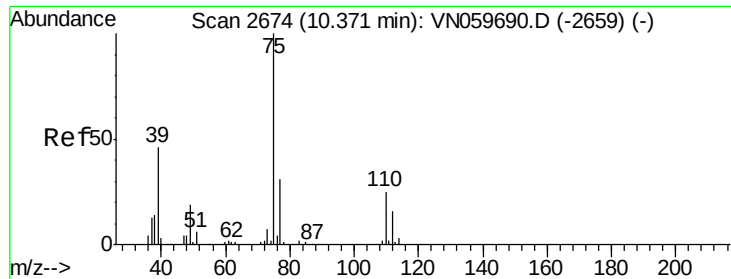
Tgt Ion: 43 Resp: 238451
 Ion Ratio Lower Upper
 43 100
 58 40.6 29.8 44.8



#52
 Toluene
 Concen: 19.32 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

Tgt Ion: 92 Resp: 98576
 Ion Ratio Lower Upper
 92 100
 91 174.0 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 19.66 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

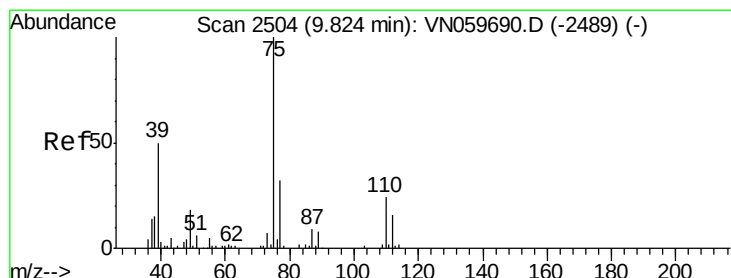
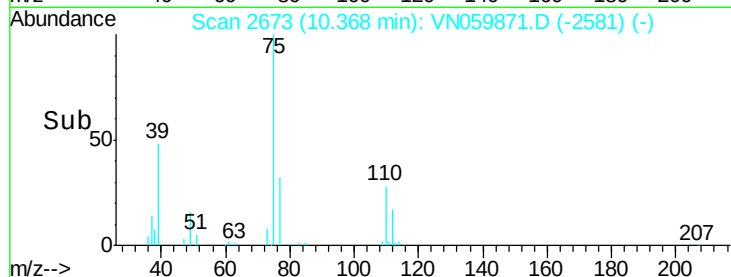
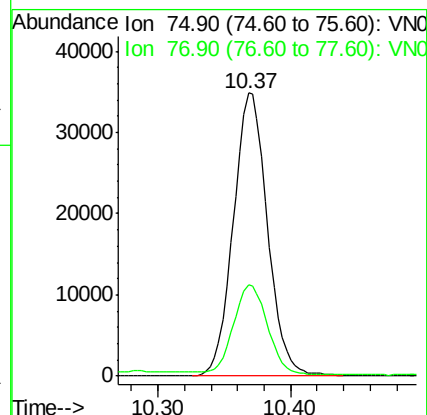
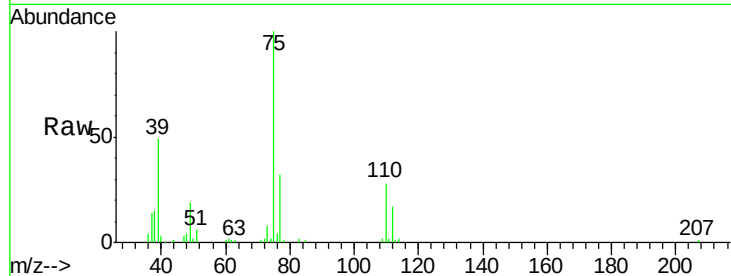
VN0127MBSD01

Tgt Ion: 75 Resp: 62392

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 19.91 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

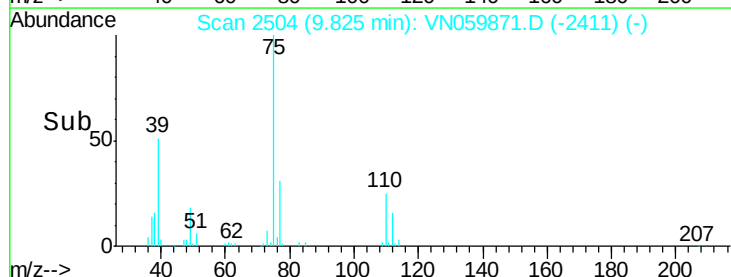
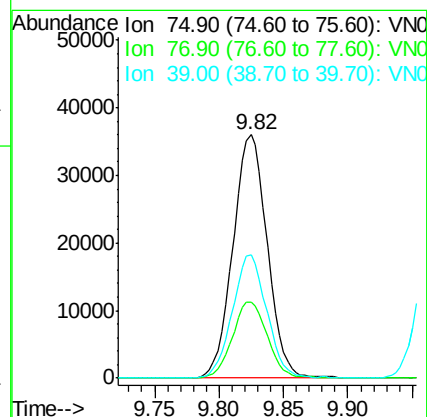
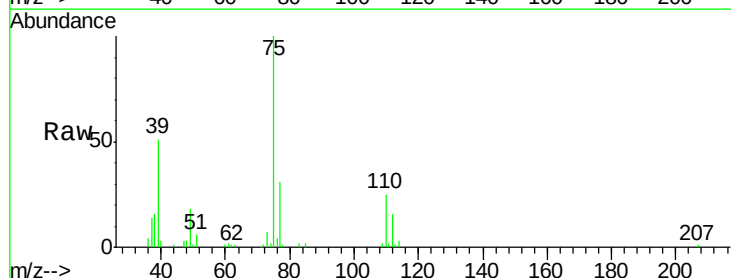
Tgt Ion: 75 Resp: 66472

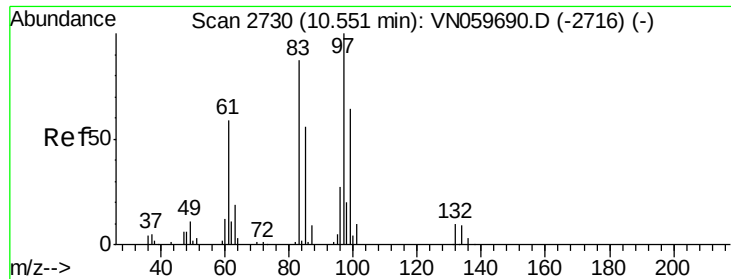
Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7

39 50.8 46.1 69.1





#55

1,1,2-Trichloroethane

Concen: 20.41 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBSD01

Tgt Ion: 97 Resp: 41249

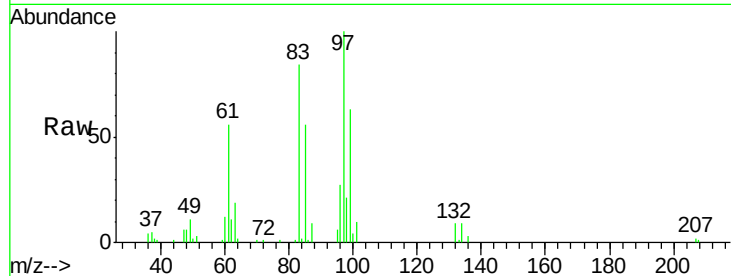
Ion Ratio Lower Upper

97 100

83 84.3 71.3 106.9

85 55.7 45.8 68.8

99 62.6 50.0 75.0

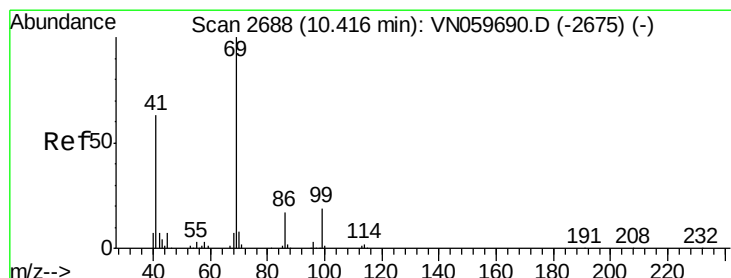
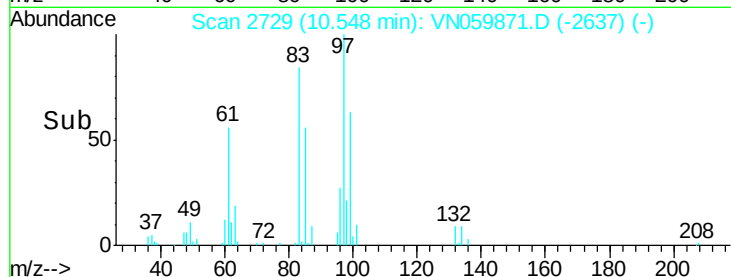
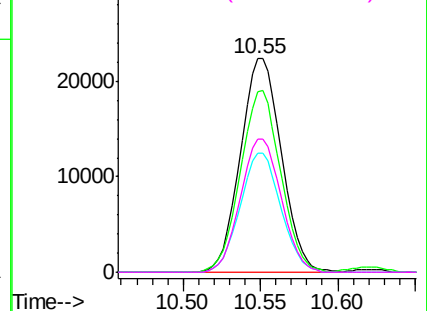


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.44 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

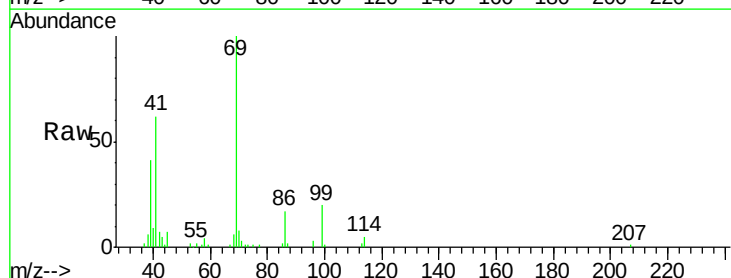
Tgt Ion: 69 Resp: 56944

Ion Ratio Lower Upper

69 100

41 62.7 57.1 85.7

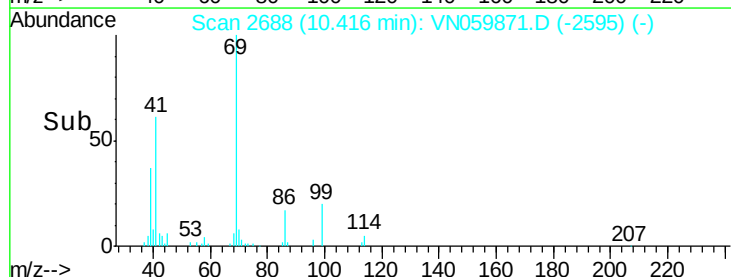
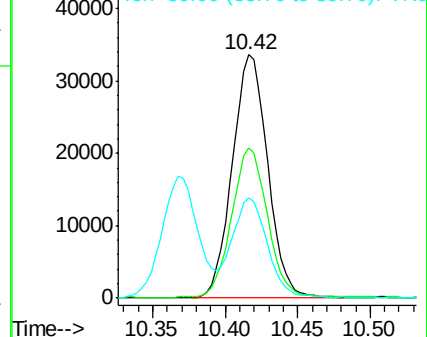
39 41.6 34.7 52.1

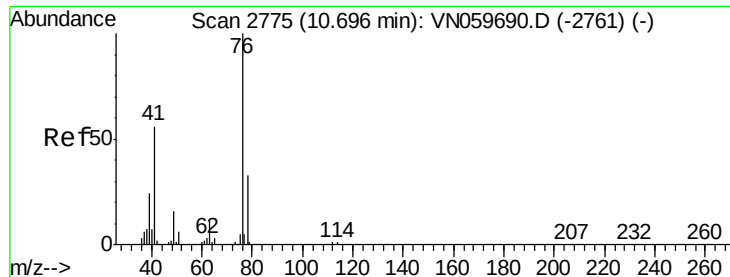


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 20.35 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

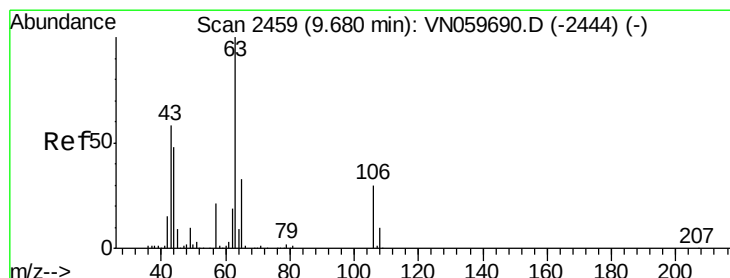
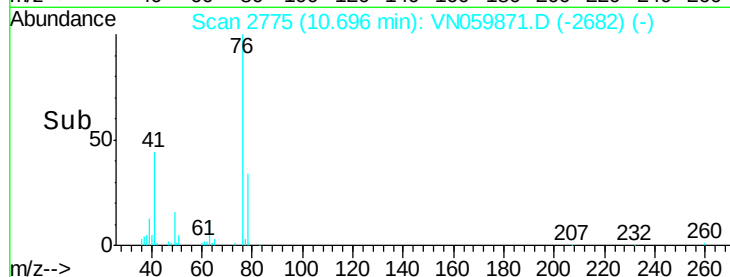
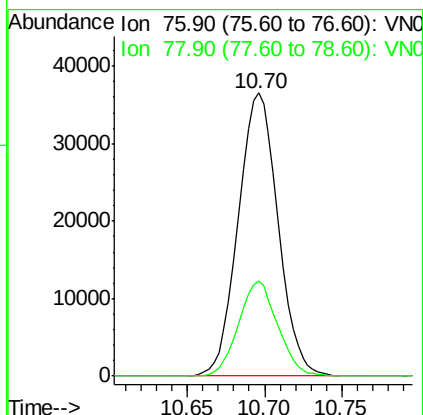
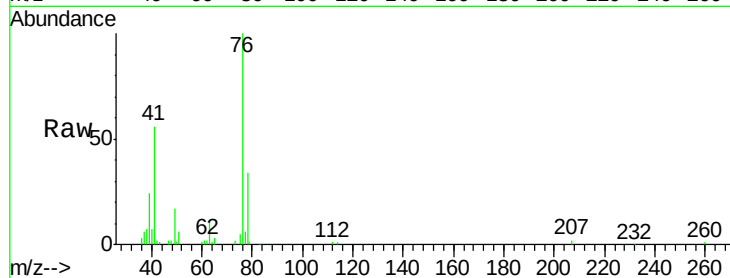
VN0127MBSD01

Tgt Ion: 76 Resp: 65308

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 99.28 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059871.D

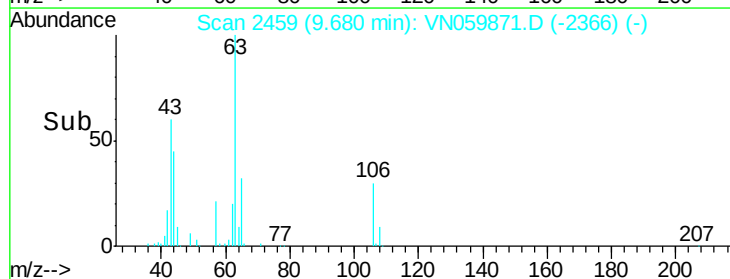
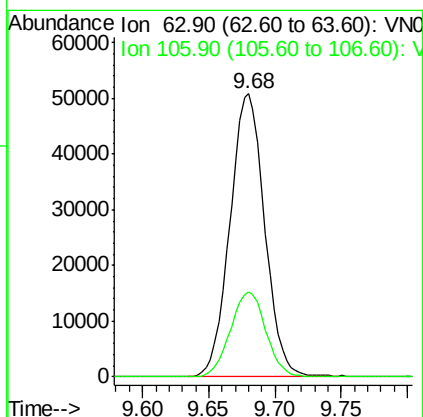
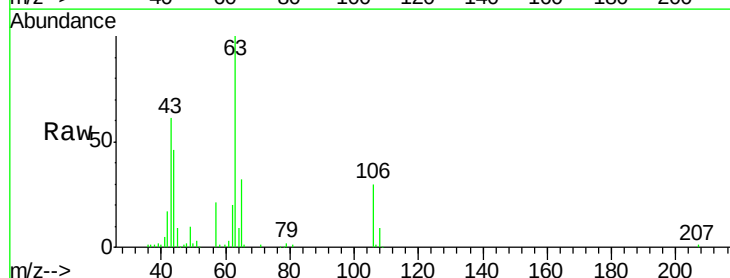
Acq: 27 Jan 2020 14:42

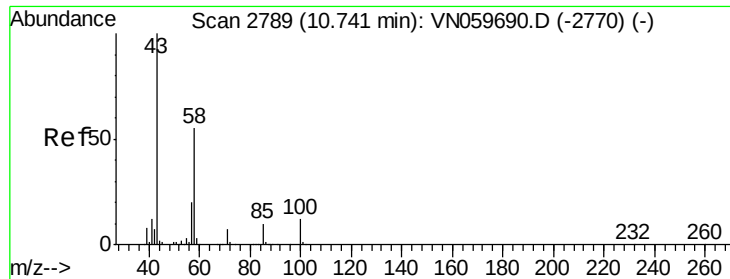
Tgt Ion: 63 Resp: 92352

Ion Ratio Lower Upper

63 100

106 30.6 20.2 30.2#

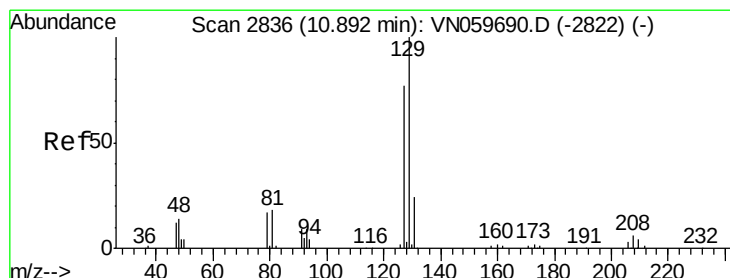
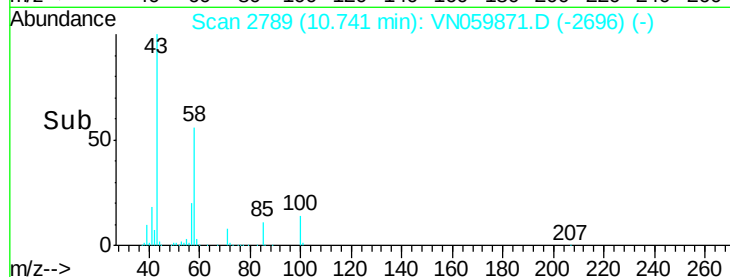
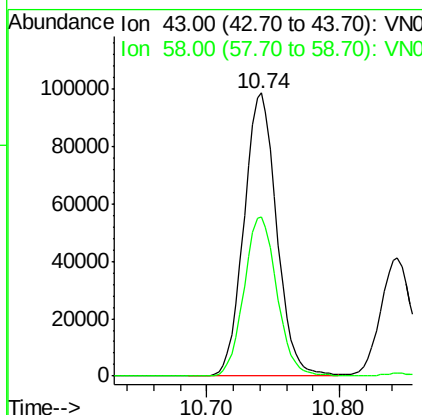
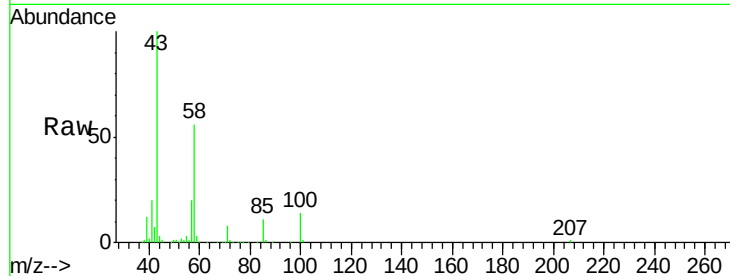




#59
2-Hexanone
Concen: 90.98 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

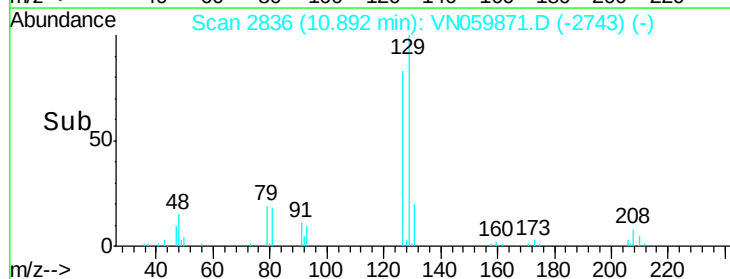
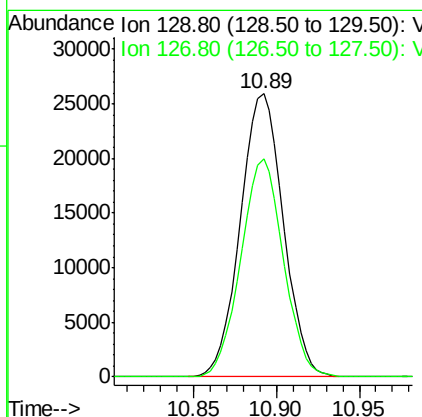
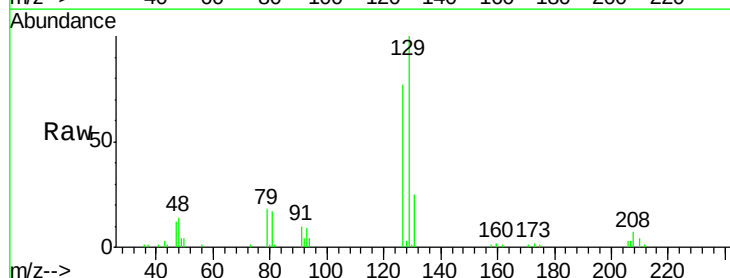
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

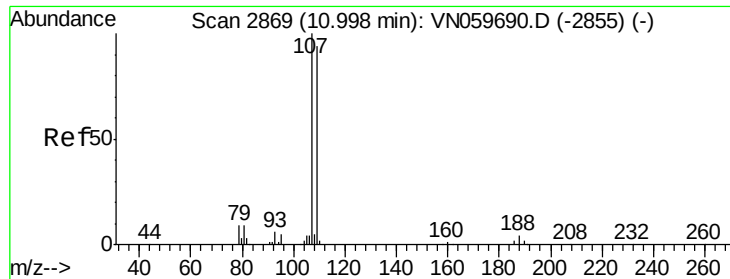
Tgt Ion: 43 Resp: 169329
Ion Ratio Lower Upper
43 100
58 56.5 25.8 77.3



#60
Dibromochloromethane
Concen: 20.29 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion: 129 Resp: 46695
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.5

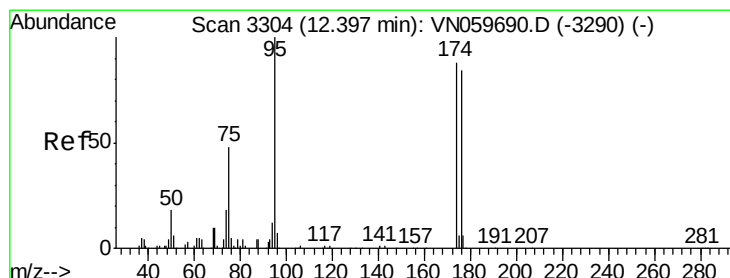
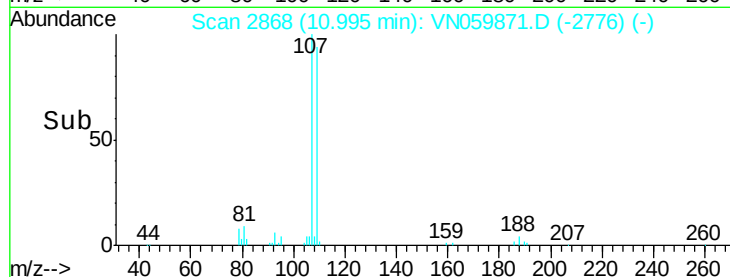
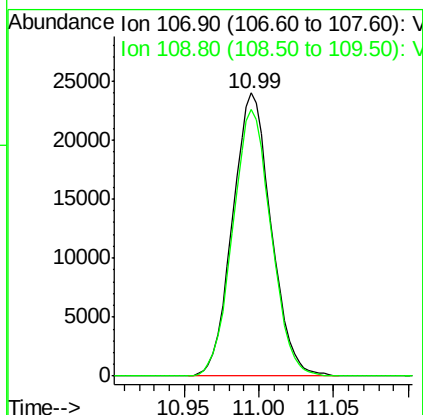
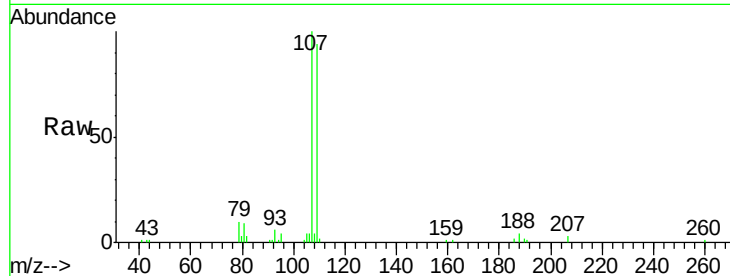




#61
 1,2-Dibromoethane
 Concen: 20.28 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

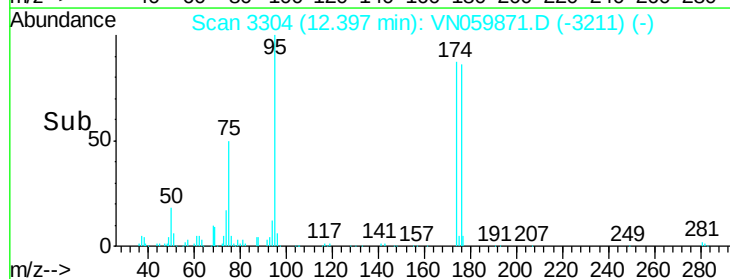
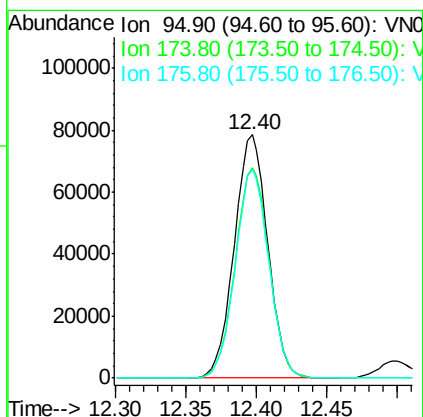
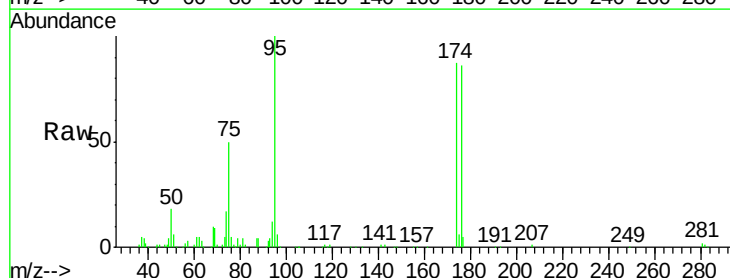
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBSD01

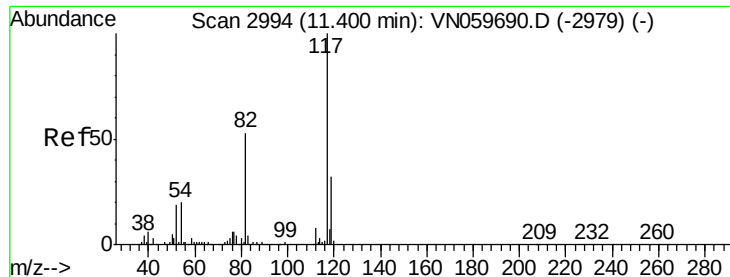
Tgt Ion: 107 Resp: 42952
 Ion Ratio Lower Upper
 107 100
 109 93.7 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 50.44 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

Tgt Ion: 95 Resp: 130684
 Ion Ratio Lower Upper
 95 100
 174 87.6 0.0 151.4
 176 85.4 0.0 146.0

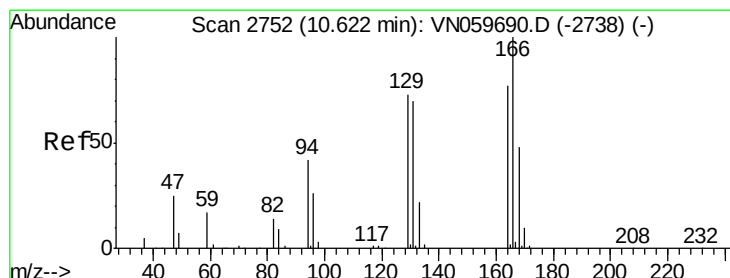
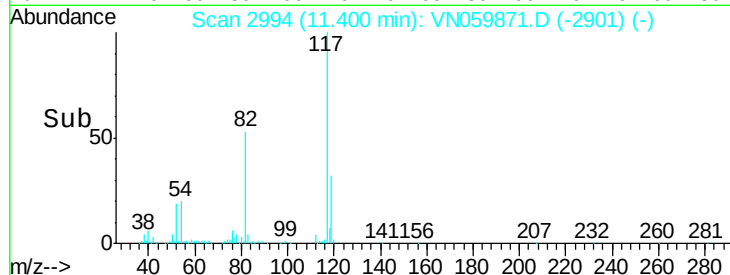
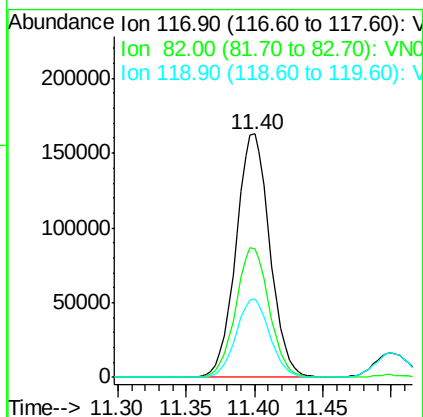
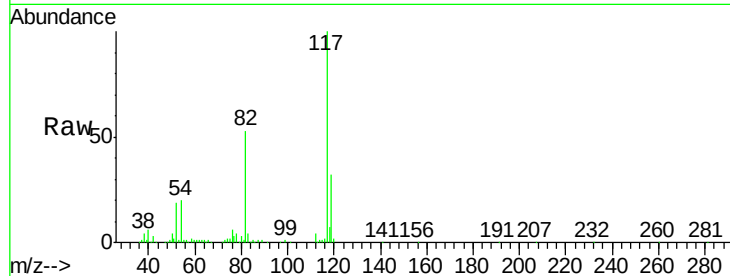




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

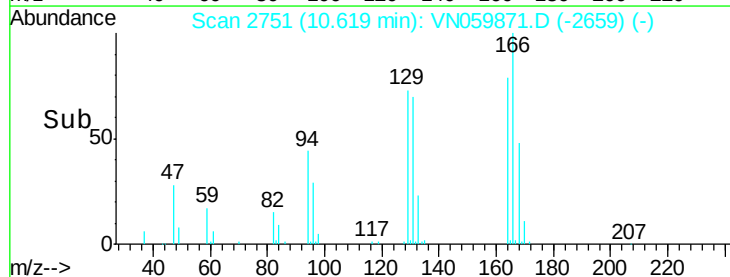
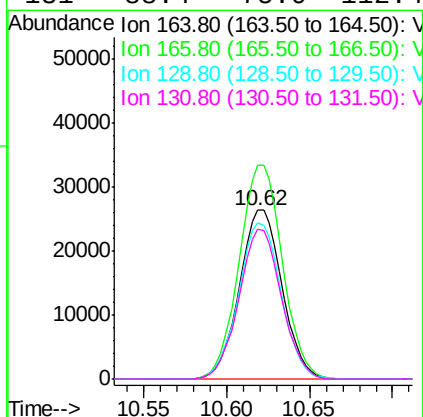
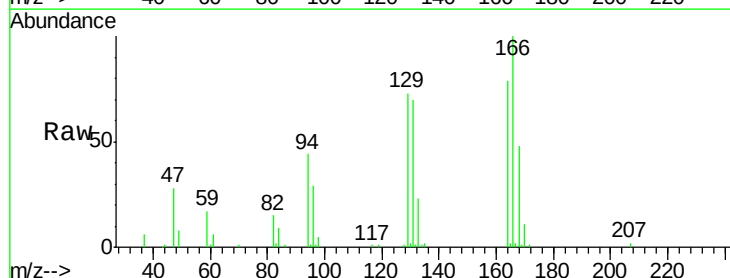
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

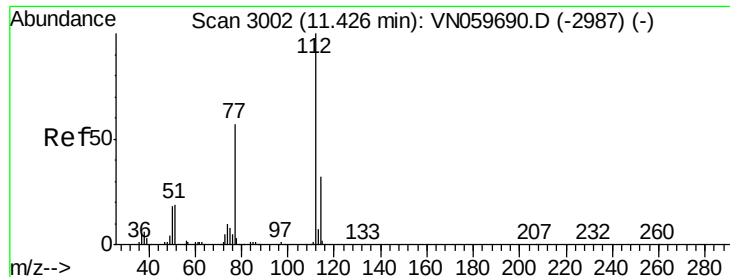
Tgt Ion:117 Resp: 279756
Ion Ratio Lower Upper
117 100
82 52.9 45.9 68.9
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 20.66 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion:164 Resp: 47112
Ion Ratio Lower Upper
164 100
166 126.2 101.4 152.0
129 92.2 80.2 120.4
131 88.4 75.0 112.4

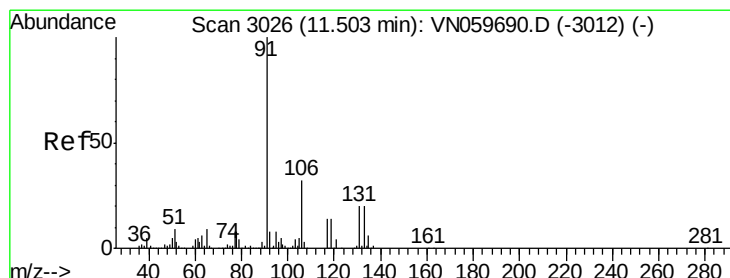
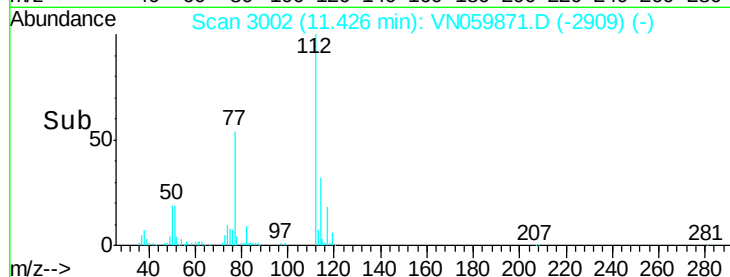
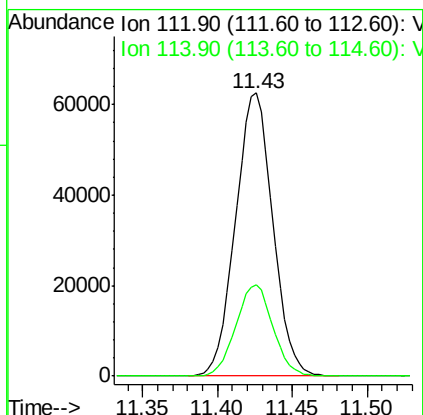
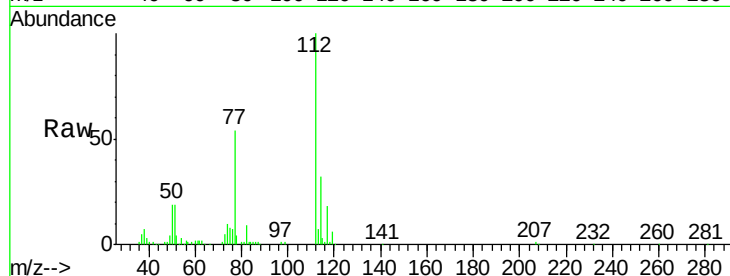




#65
Chlorobenzene
Concen: 19.74 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

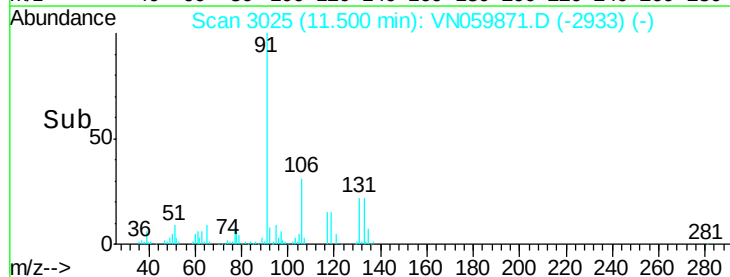
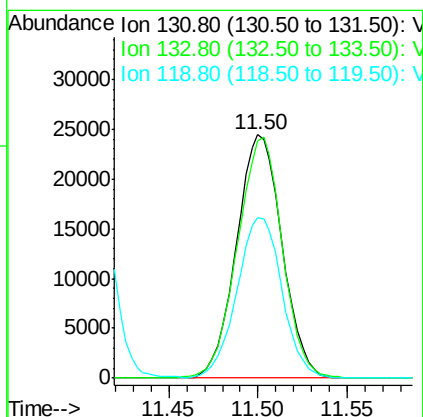
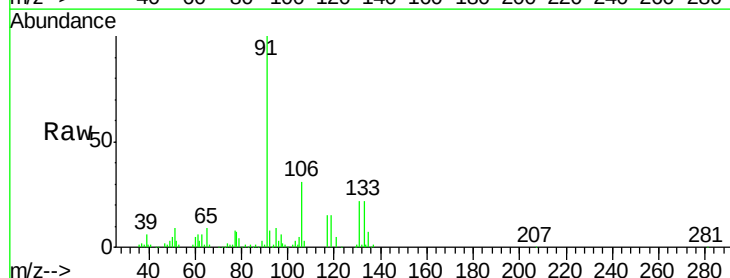
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

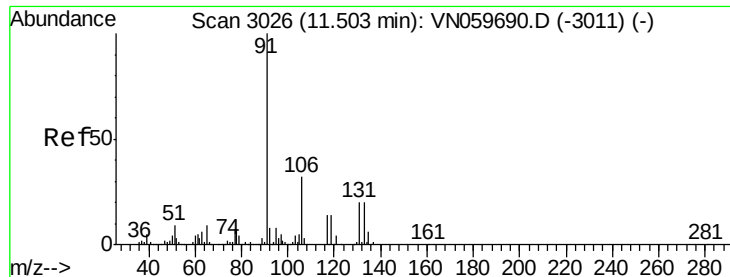
Tgt Ion:112 Resp: 108560
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.42 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion:131 Resp: 43380
Ion Ratio Lower Upper
131 100
133 97.9 47.4 142.2
119 65.3 33.1 99.3

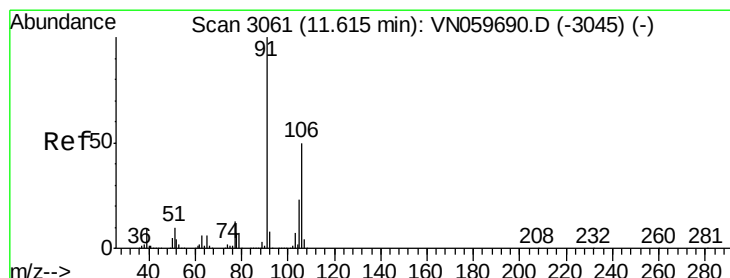
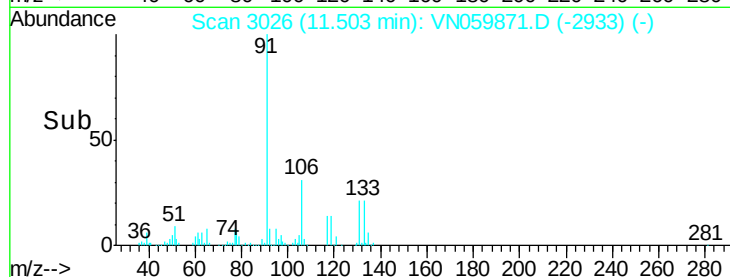
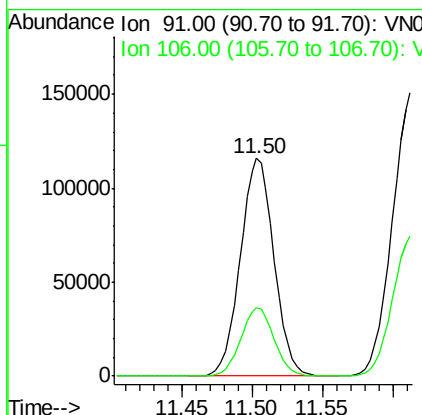
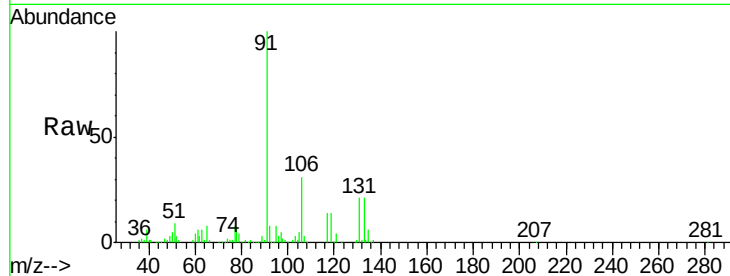




#67
Ethyl Benzene
Concen: 19.37 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

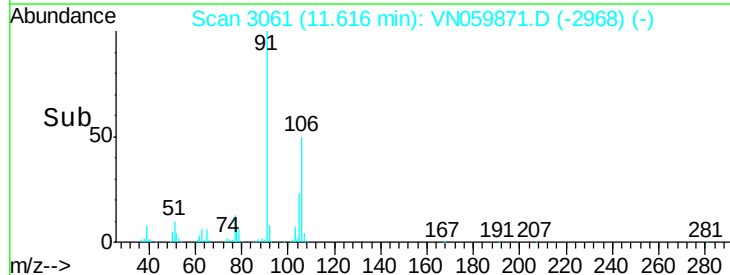
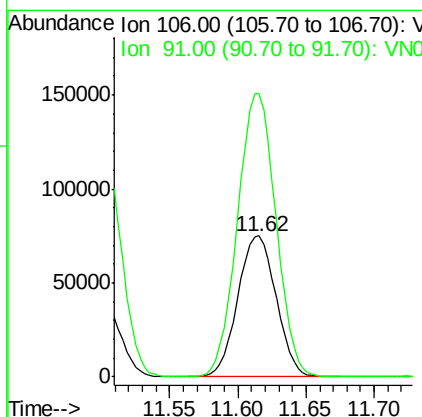
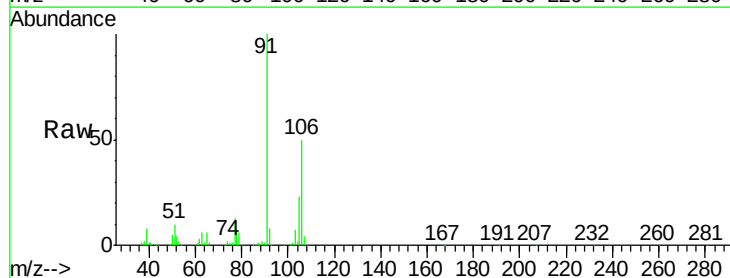
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

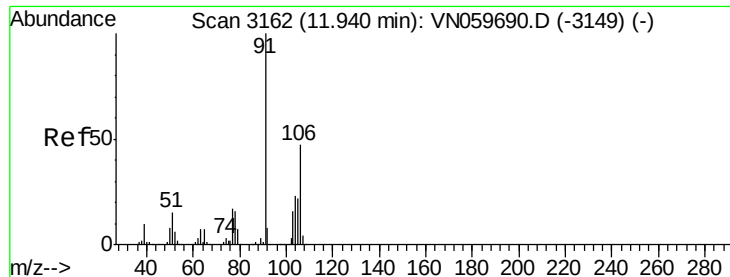
Tgt Ion: 91 Resp: 193306
Ion Ratio Lower Upper
91 100
106 31.4 24.1 36.1



#68
m/p-Xylenes
Concen: 38.84 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion: 106 Resp: 146433
Ion Ratio Lower Upper
106 100
91 201.4 167.9 251.9

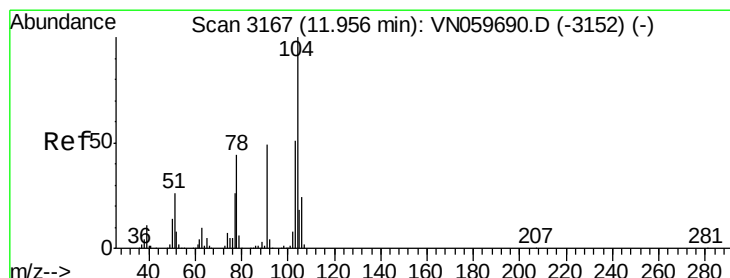
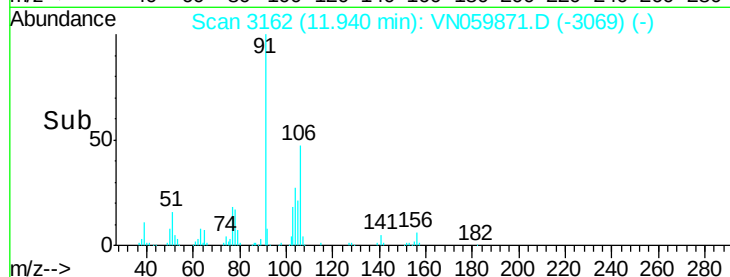
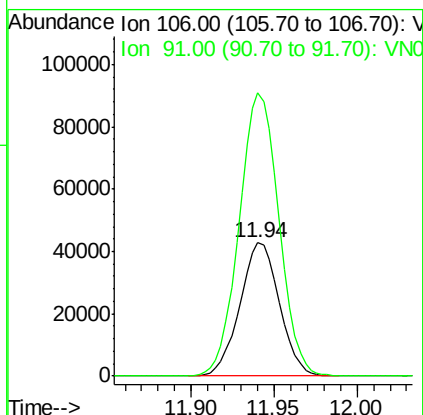
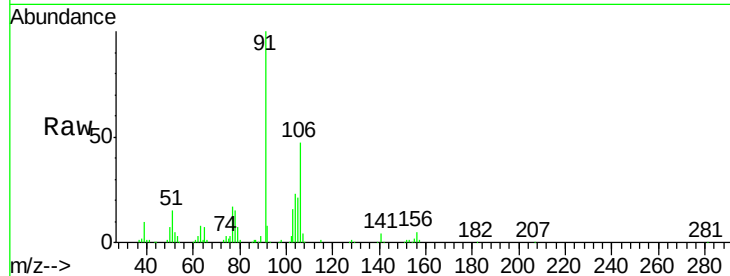




#69
o-Xylene
Concen: 19.20 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

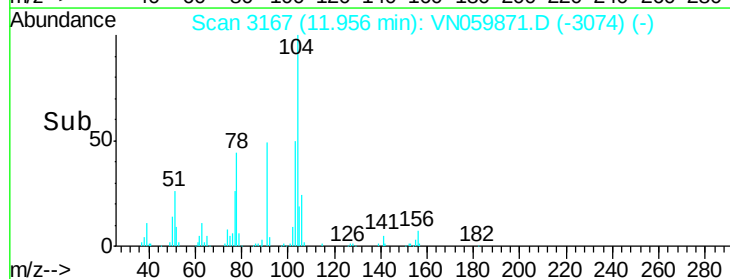
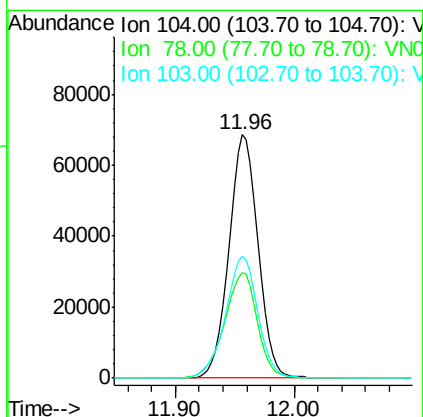
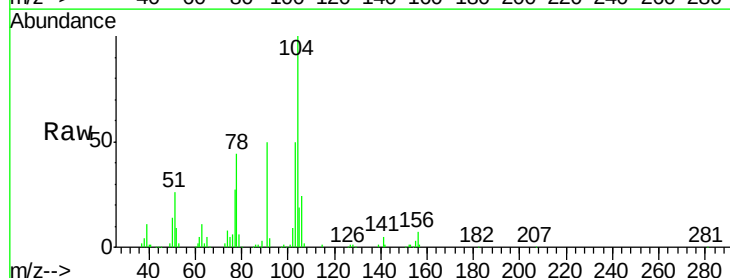
Instrument :
MSVOA_N
ClientSampled :
VN0127MBSD01

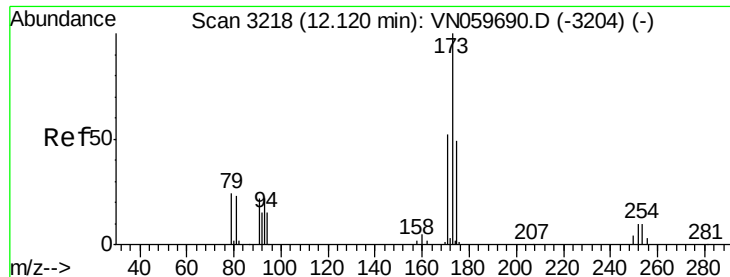
Tgt Ion:106 Resp: 70886
Ion Ratio Lower Upper
106 100
91 214.1 110.3 330.9



#70
Styrene
Concen: 18.83 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion:104 Resp: 116309
Ion Ratio Lower Upper
104 100
78 47.9 42.4 63.6
103 55.2 43.9 65.9

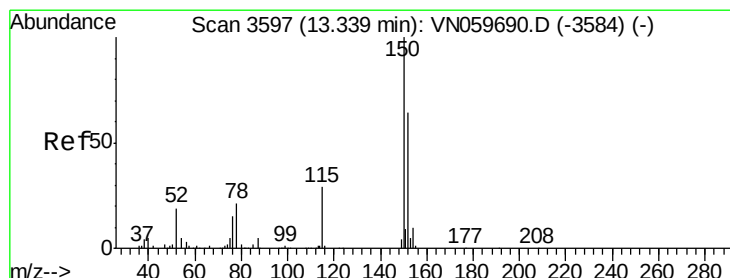
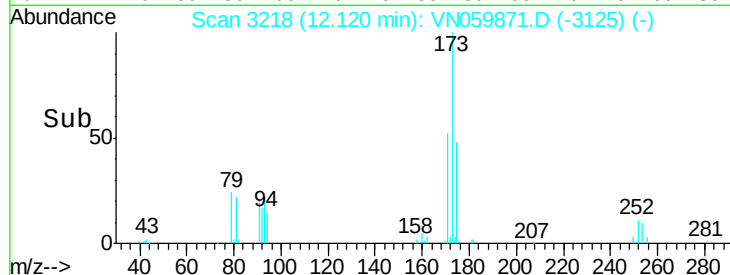
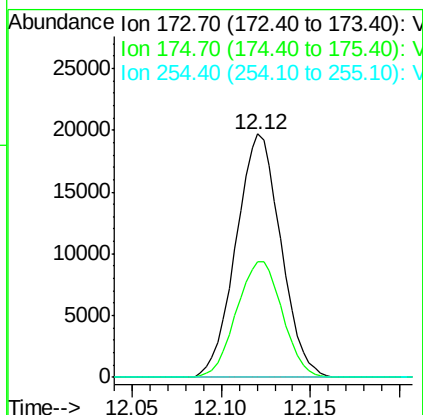
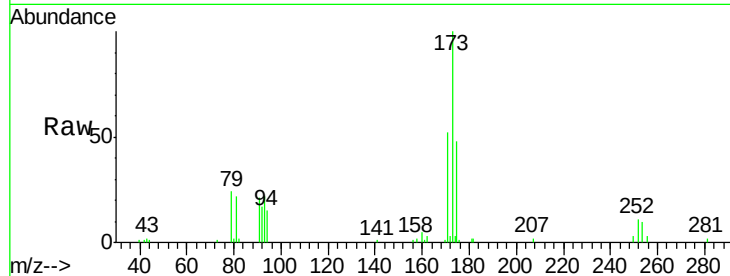




#71
Bromoform
Concen: 20.32 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

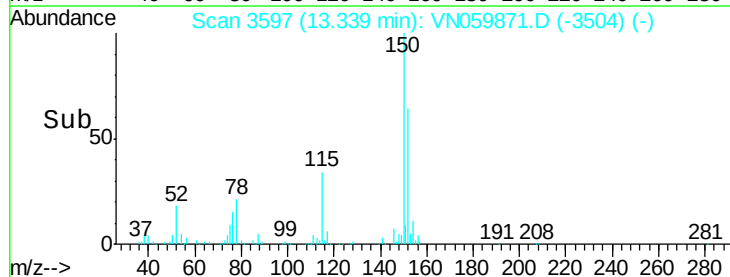
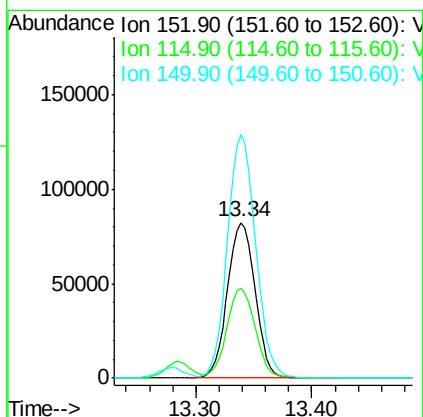
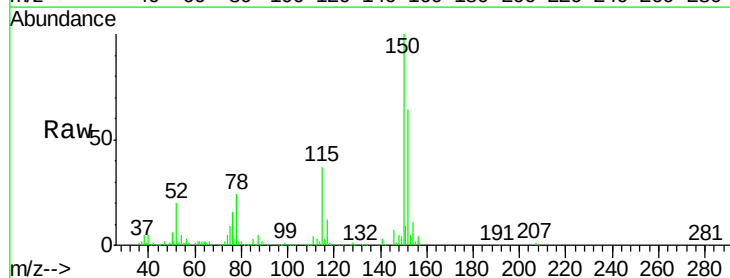
Instrument :
MSVOA_N
ClientSampled :
VN0127MBSD01

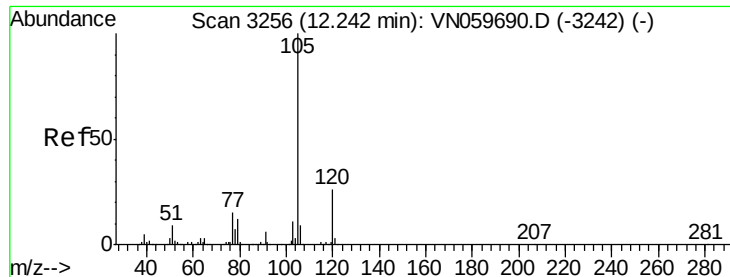
Tgt Ion:173 Resp: 34587
Ion Ratio Lower Upper
173 100
175 48.5 23.8 71.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion:152 Resp: 136715
Ion Ratio Lower Upper
152 100
115 58.3 30.3 90.9
150 158.6 0.0 345.2





#73

Isopropylbenzene

Concen: 19.06 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

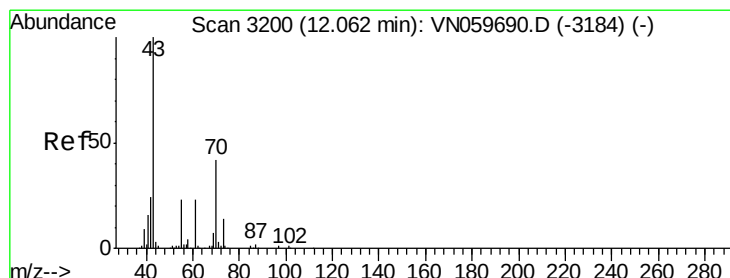
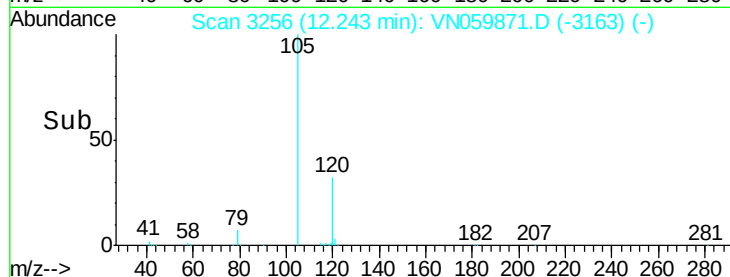
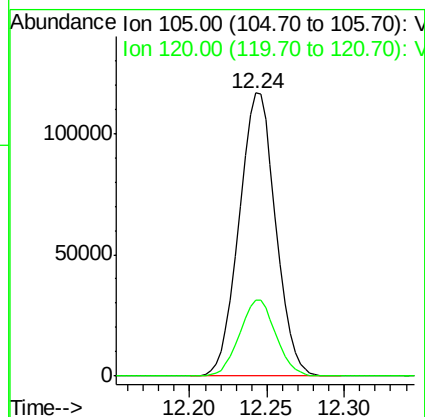
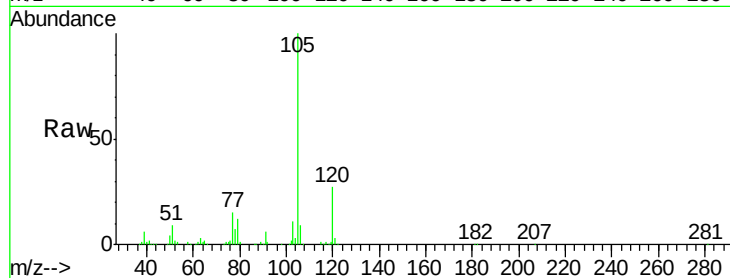
VN0127MBSD01

Tgt Ion: 105 Resp: 191141

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.5



#74

N-ethyl acetate

Concen: 17.33 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Tgt Ion: 43 Resp: 67436

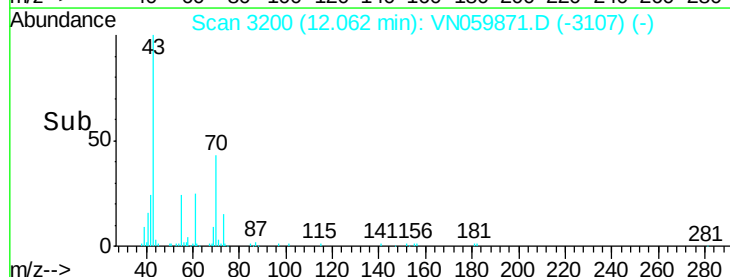
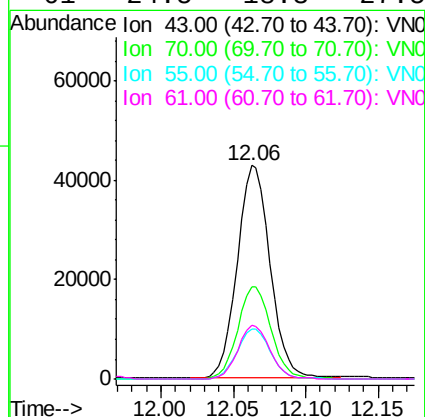
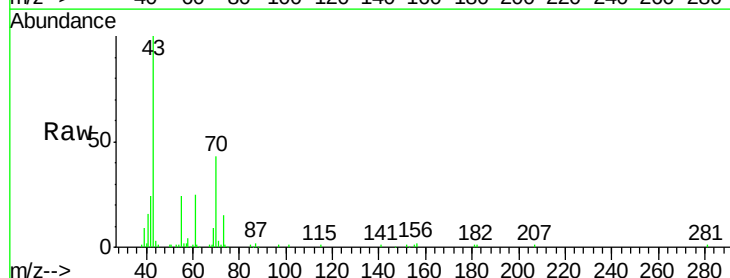
Ion Ratio Lower Upper

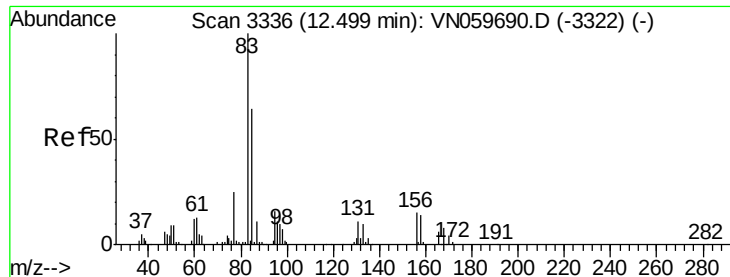
43 100

70 44.2 31.3 46.9

55 24.0 19.8 29.6

61 24.5 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.06 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBSD01

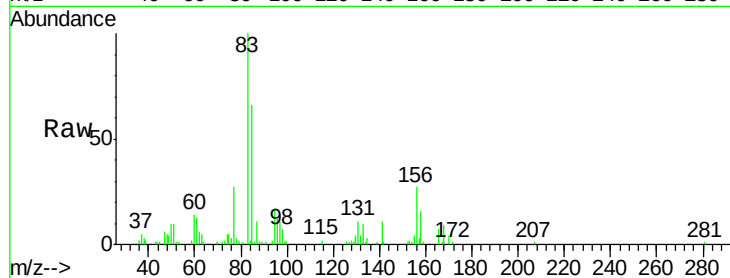
Tgt Ion: 83 Resp: 55412

Ion Ratio Lower Upper

83 100

131 11.6 5.0 14.9

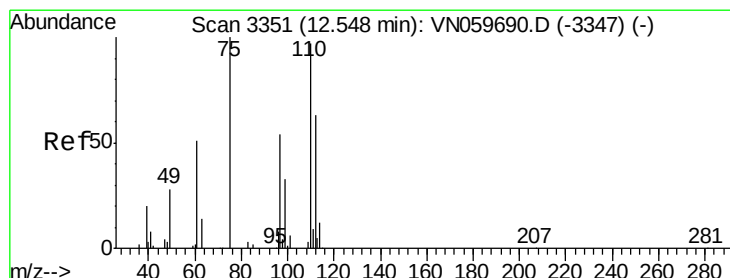
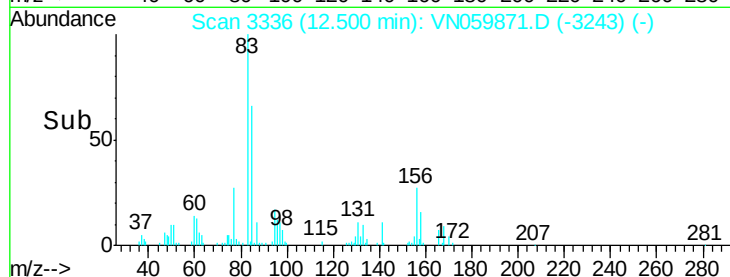
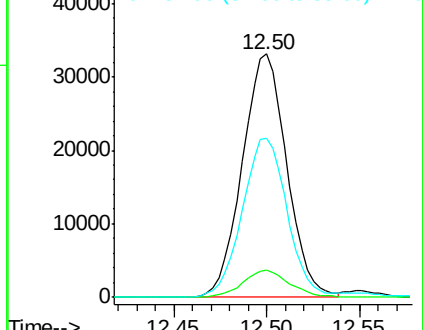
85 65.9 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 33.26 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059871.D

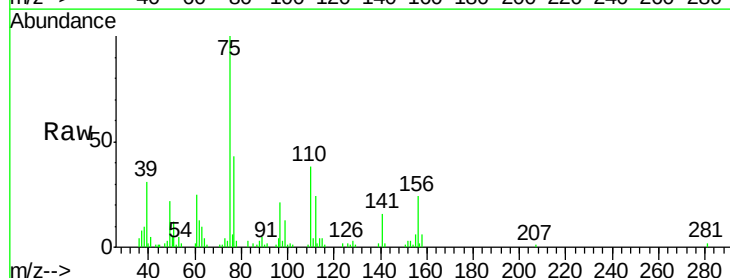
Acq: 27 Jan 2020 14:42

Tgt Ion: 75 Resp: 76529

Ion Ratio Lower Upper

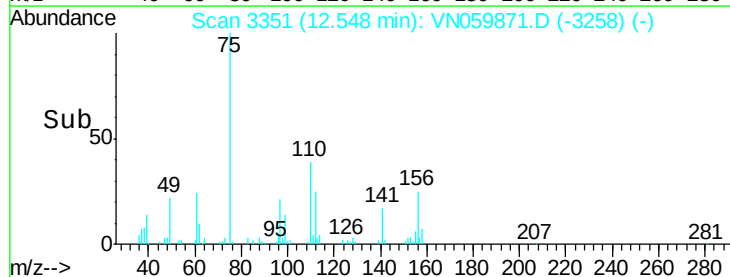
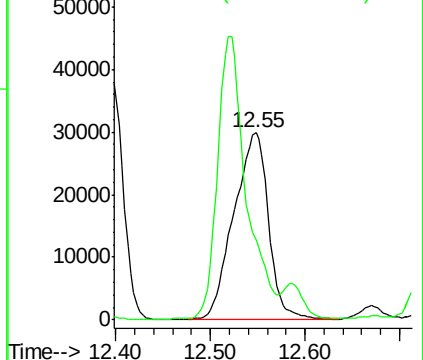
75 100

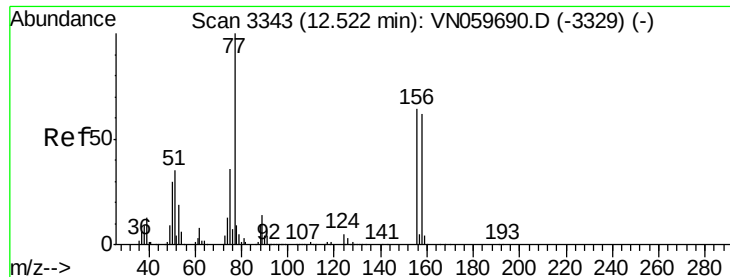
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 31.17 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBSD01

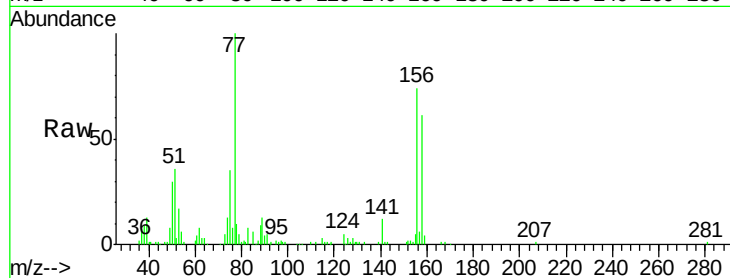
Tgt Ion:156 Resp: 79143

Ion Ratio Lower Upper

156 100

77 121.7 115.8 347.4

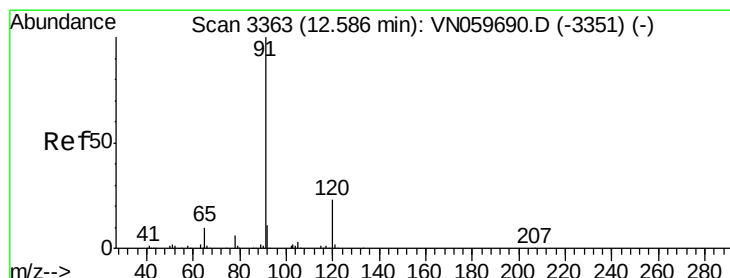
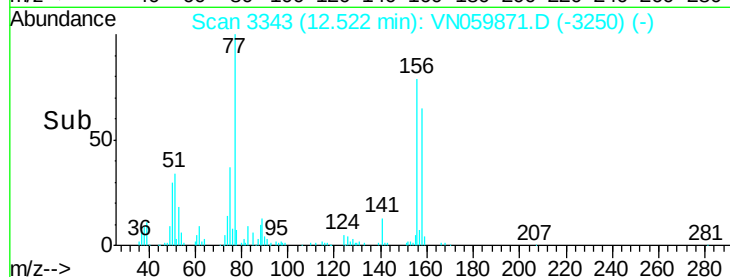
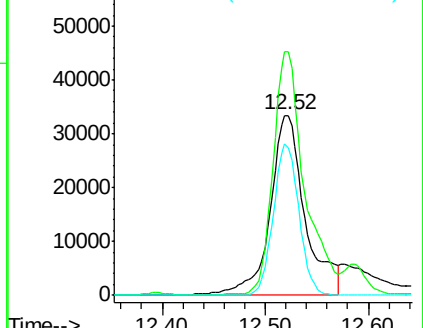
158 61.3 49.2 147.6



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: 18.95 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059871.D

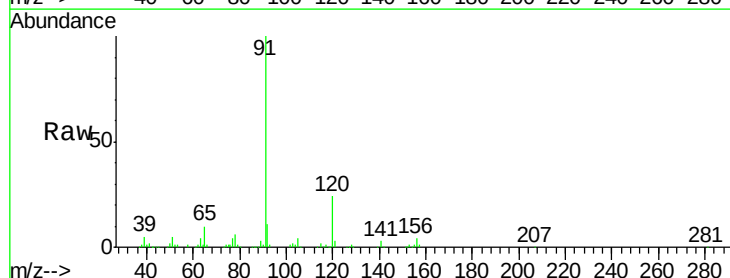
Acq: 27 Jan 2020 14:42

Tgt Ion: 91 Resp: 213287

Ion Ratio Lower Upper

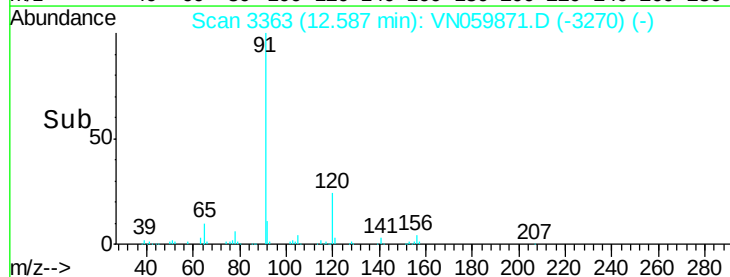
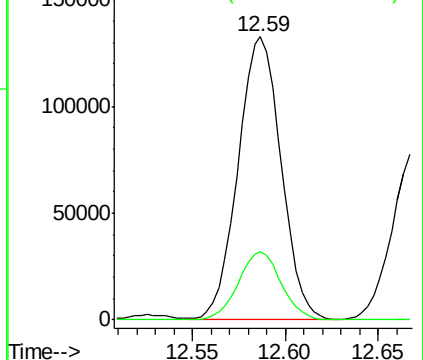
91 100

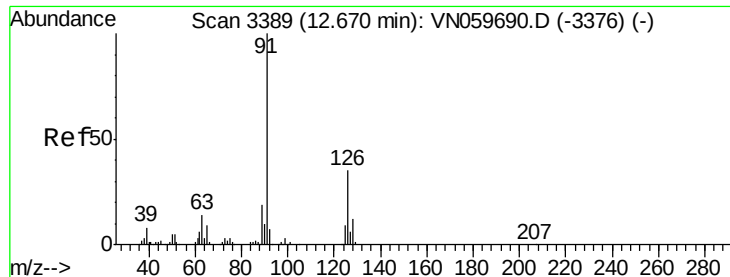
120 24.0 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.05 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

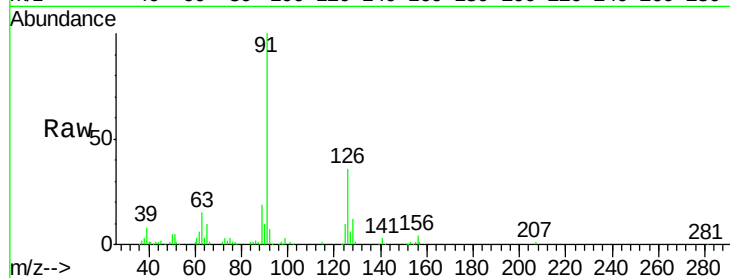
VN0127MBSD01

Tgt Ion: 91 Resp: 127546

Ion Ratio Lower Upper

91 100

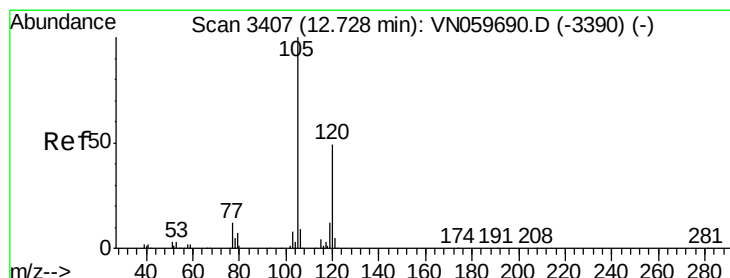
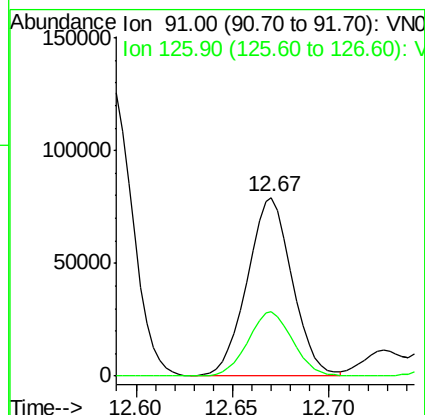
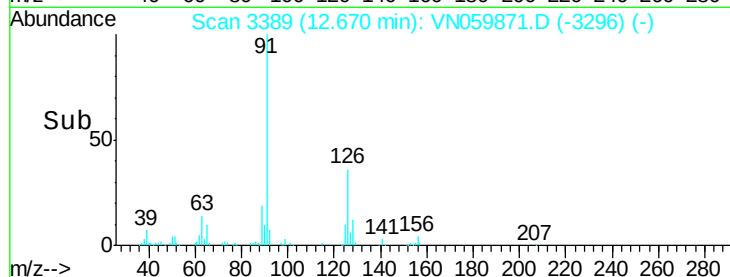
126 36.3 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VN059871.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN059871.D (-3376) (-)

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.32 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059871.D

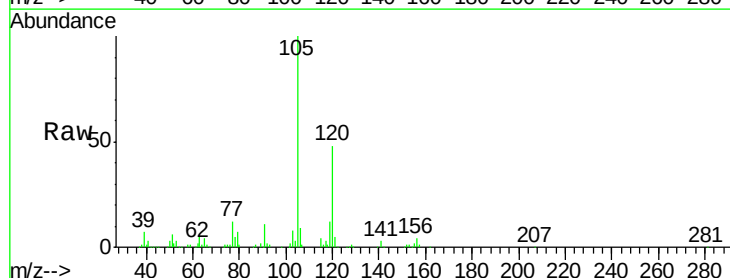
Acq: 27 Jan 2020 14:42

Tgt Ion: 105 Resp: 162912

Ion Ratio Lower Upper

105 100

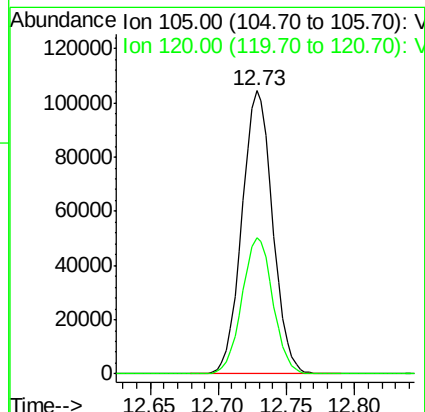
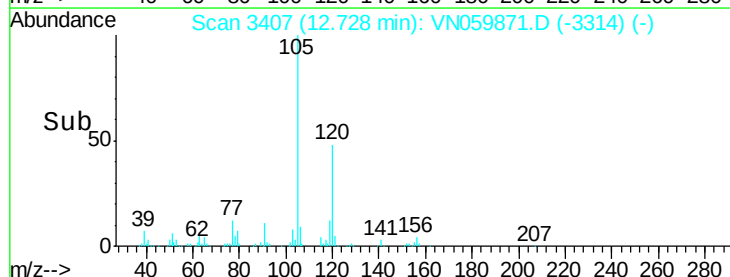
120 48.5 24.1 72.4

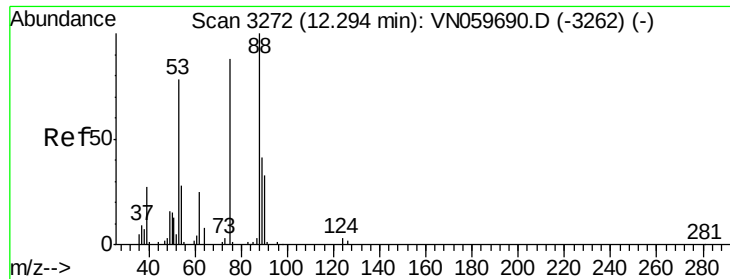


Abundance Ion 105.00 (104.70 to 105.70): VN059871.D (-3314) (-)

Ion 120.00 (119.70 to 120.70): VN059871.D (-3314) (-)

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.37 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBSD01

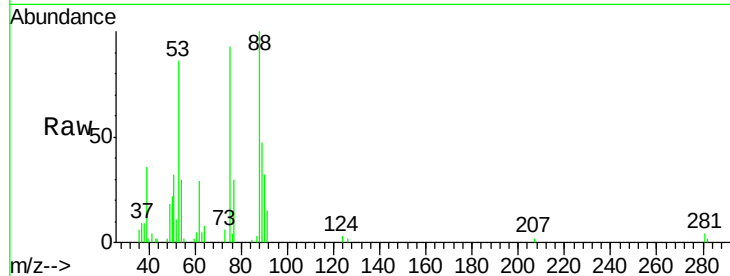
Tgt Ion: 75 Resp: 19681

Ion Ratio Lower Upper

75 100

53 92.6 78.1 117.1

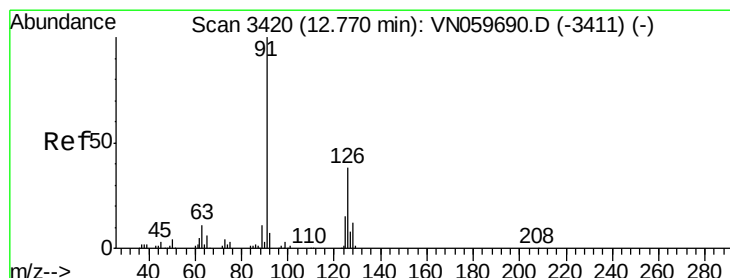
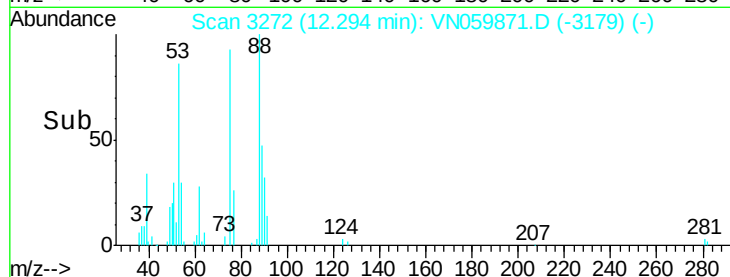
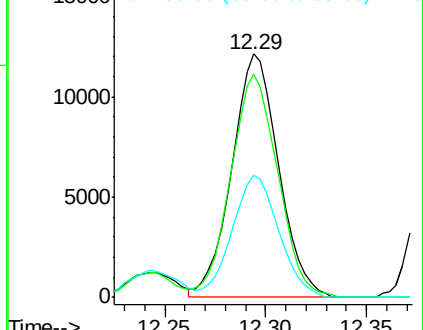
89 50.3 35.4 53.2



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: 18.82 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059871.D

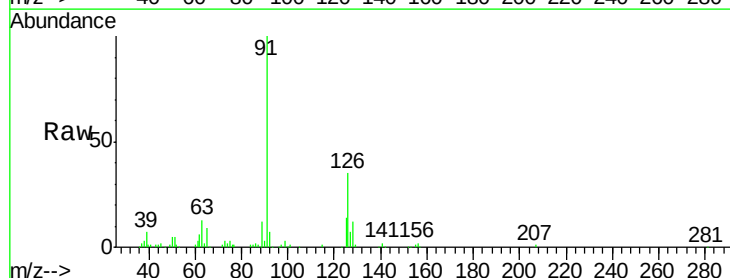
Acq: 27 Jan 2020 14:42

Tgt Ion: 91 Resp: 126346

Ion Ratio Lower Upper

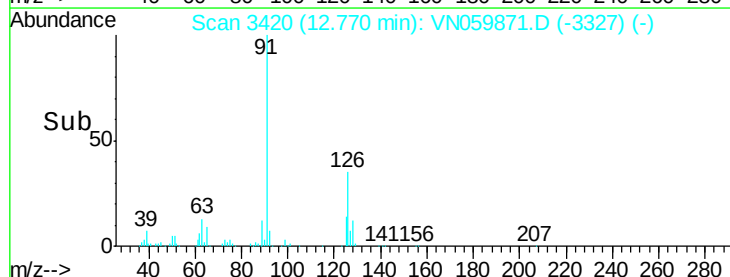
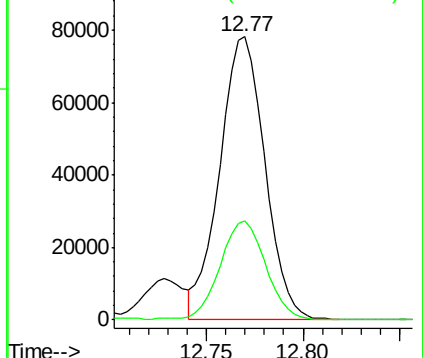
91 100

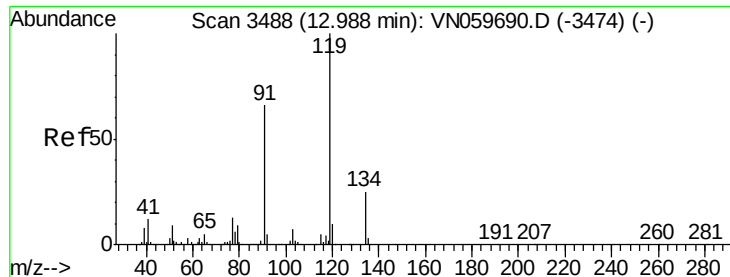
126 35.5 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.09 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBSD01

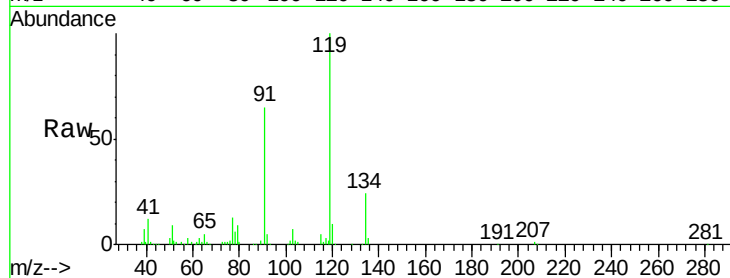
Tgt Ion:119 Resp: 139204

Ion Ratio Lower Upper

119 100

91 63.8 34.8 104.4

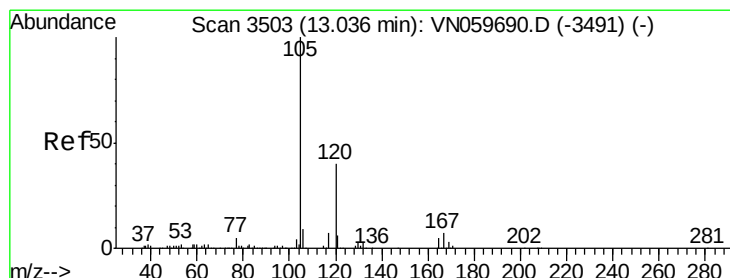
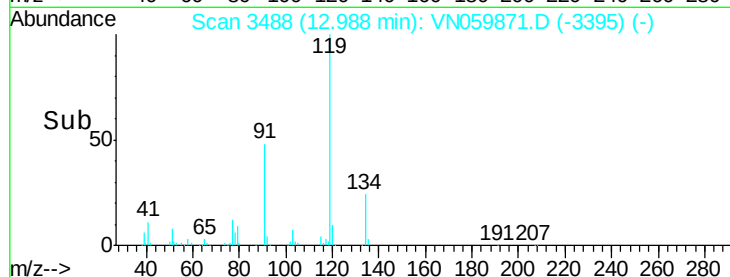
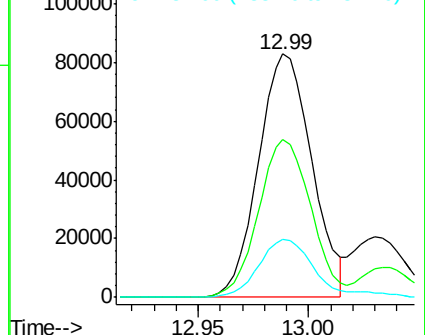
134 25.2 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.42 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN059871.D

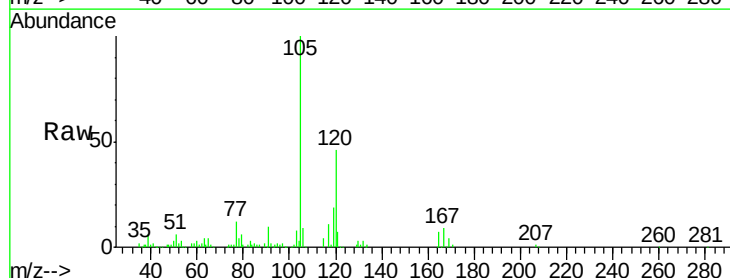
Acq: 27 Jan 2020 14:42

Tgt Ion:105 Resp: 162005

Ion Ratio Lower Upper

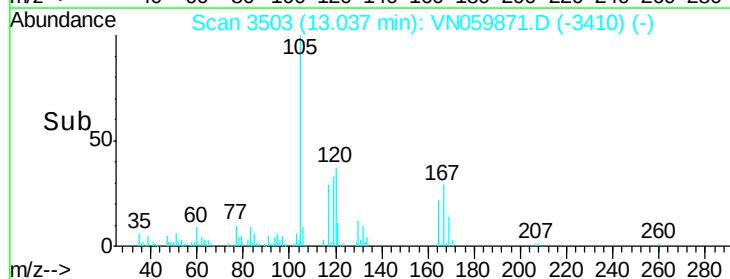
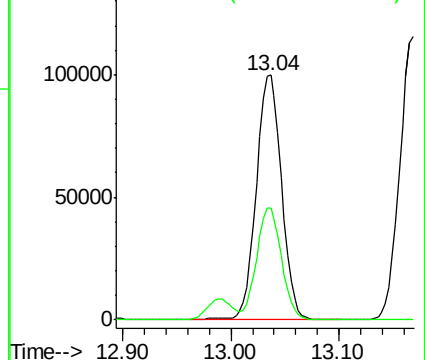
105 100

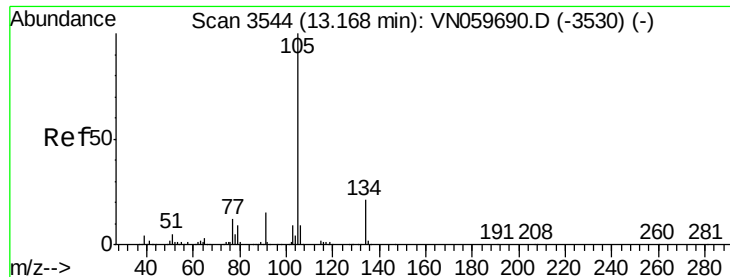
120 45.2 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.91 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

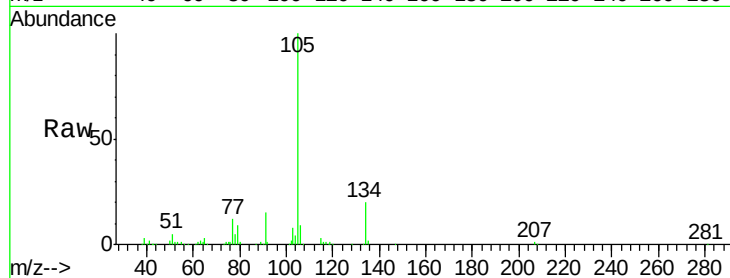
VN0127MBSD01

Tgt Ion:105 Resp: 181170

Ion Ratio Lower Upper

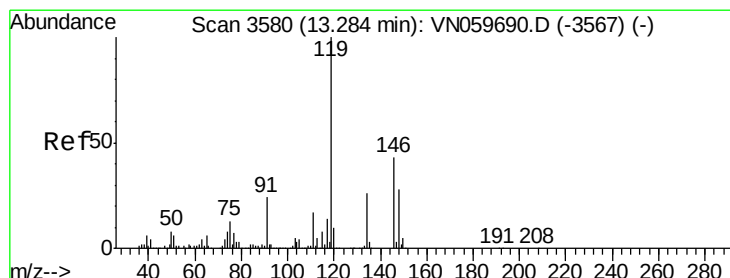
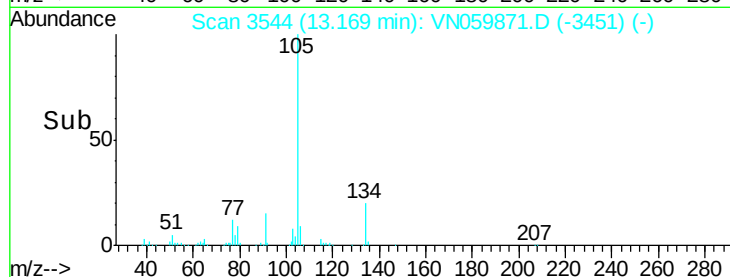
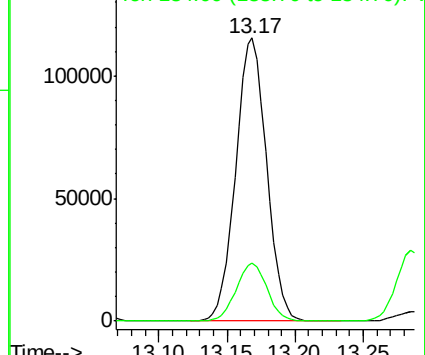
105 100

134 20.4 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: 19.04 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

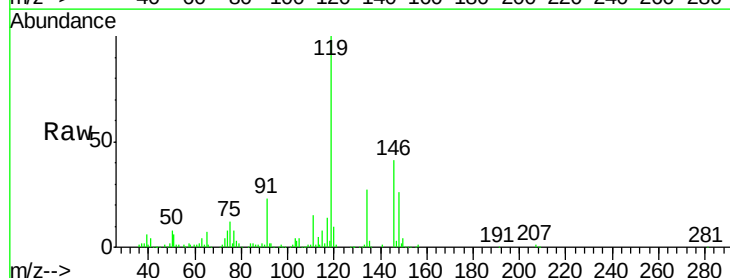
Tgt Ion:119 Resp: 168846

Ion Ratio Lower Upper

119 100

134 26.7 12.9 38.7

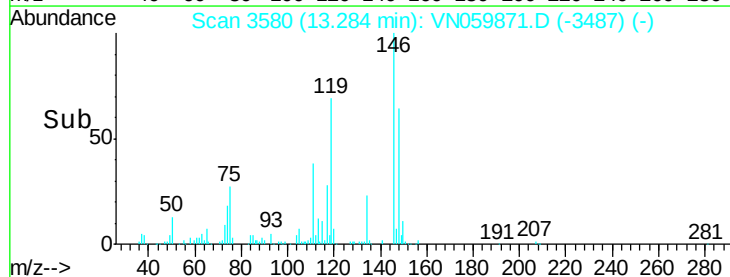
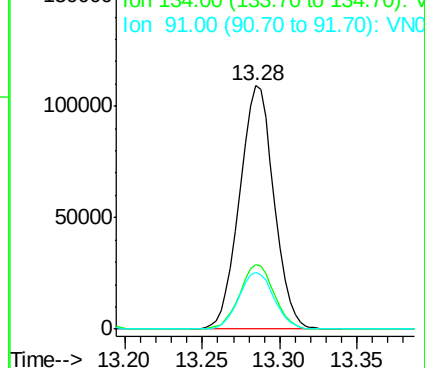
91 23.8 12.4 37.4

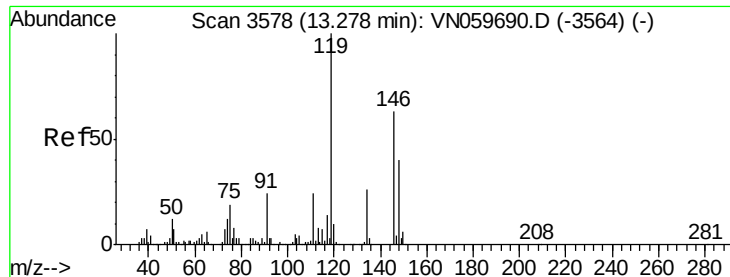


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

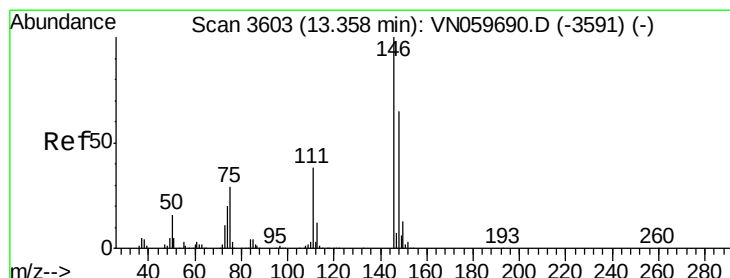
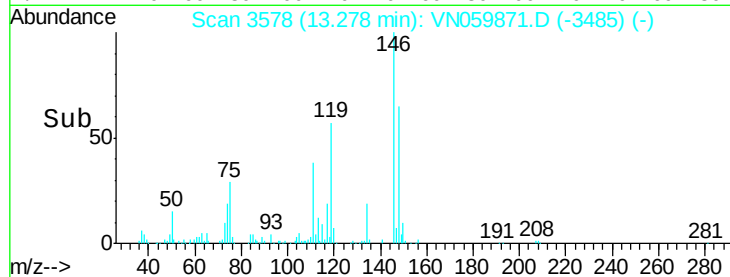
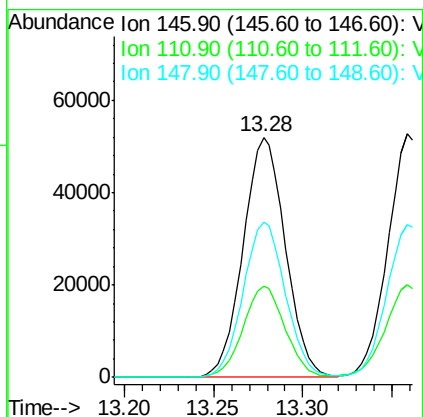
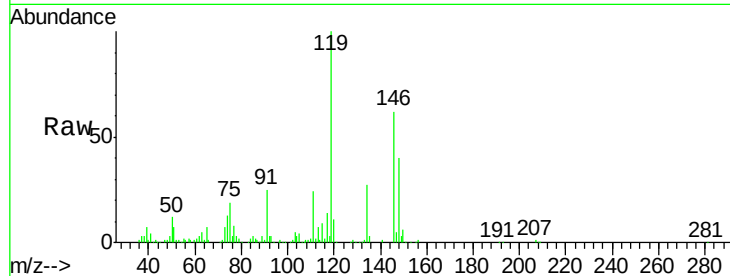




#87
 1,3-Dichlorobenzene
 Concen: 19.52 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

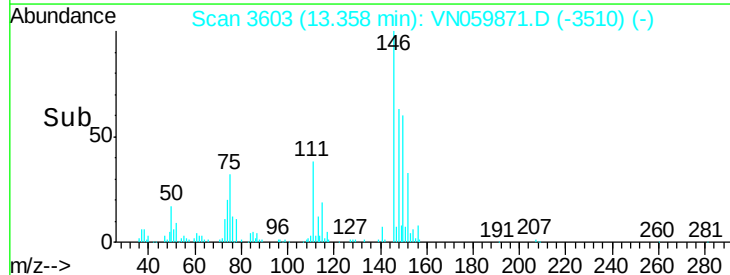
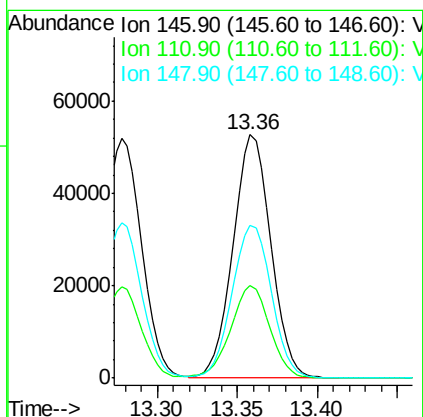
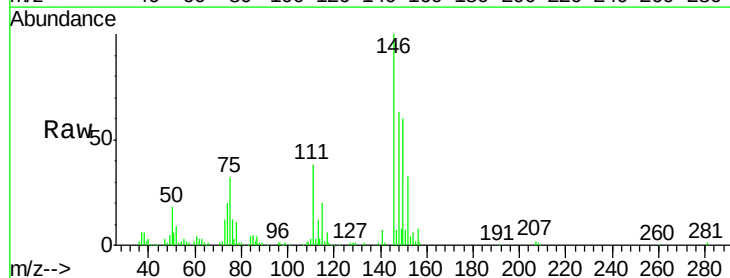
Instrument :
 MSVOA_N
 ClientSampled :
 VN0127MBSD01

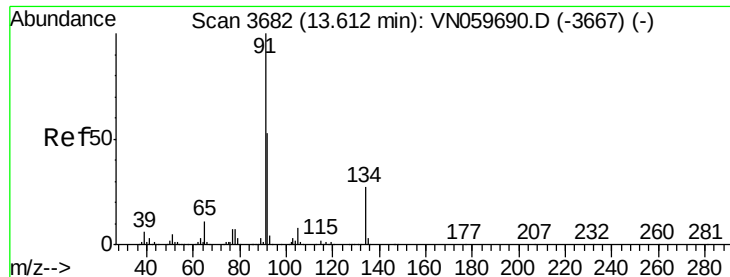
Tgt Ion:146 Resp: 86085
 Ion Ratio Lower Upper
 146 100
 111 37.8 20.8 62.2
 148 64.8 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.33 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

Tgt Ion:146 Resp: 85032
 Ion Ratio Lower Upper
 146 100
 111 39.3 20.8 62.2
 148 65.3 31.8 95.4

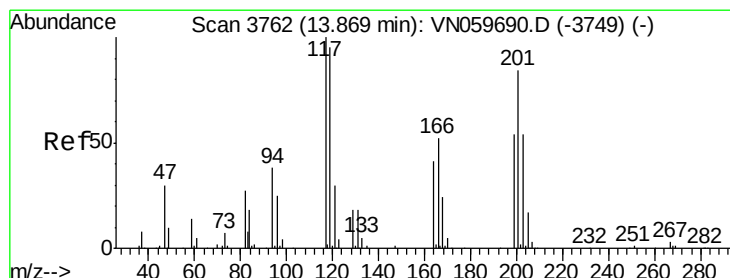
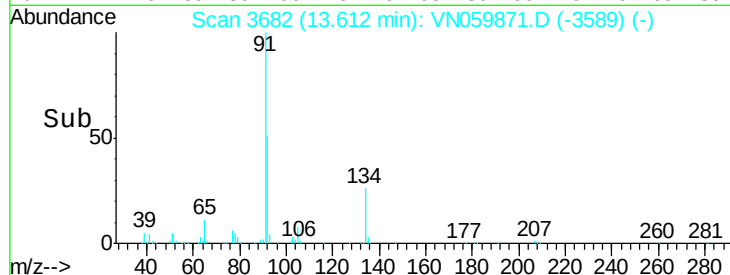
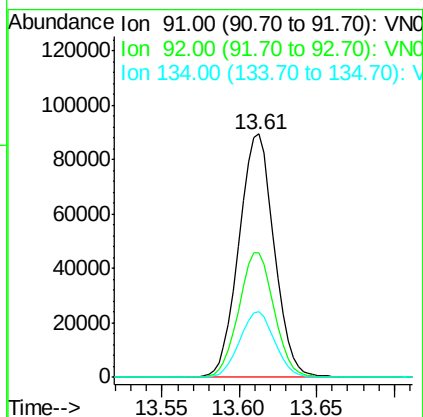
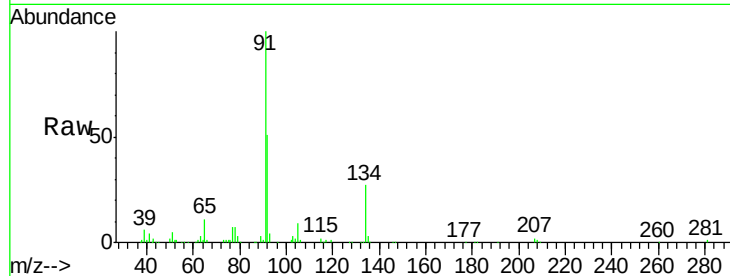




#89
n-Butylbenzene
Concen: 18.76 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

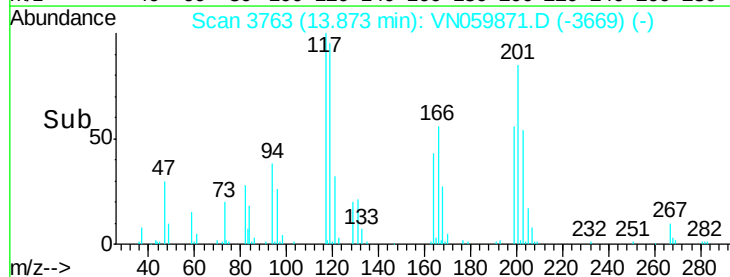
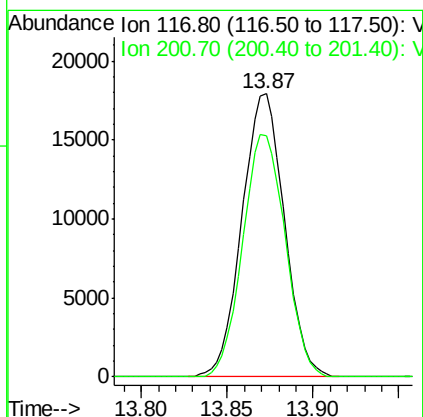
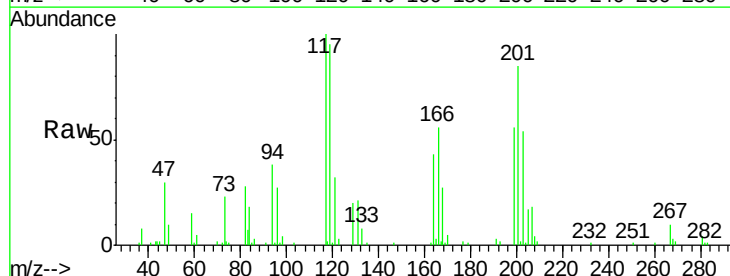
Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

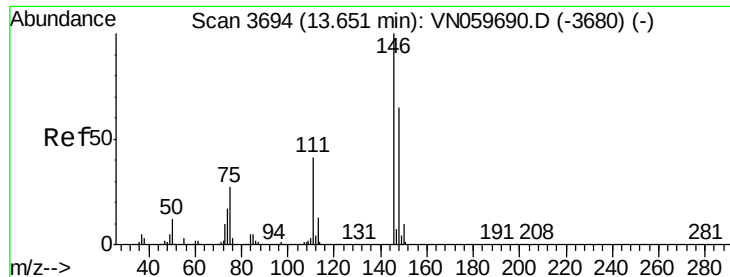
Tgt Ion: 91 Resp: 141810
Ion Ratio Lower Upper
91 100
92 51.3 25.9 77.7
134 26.7 12.3 36.8



#90
Hexachloroethane
Concen: 18.46 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion: 117 Resp: 30621
Ion Ratio Lower Upper
117 100
201 86.0 37.8 113.4

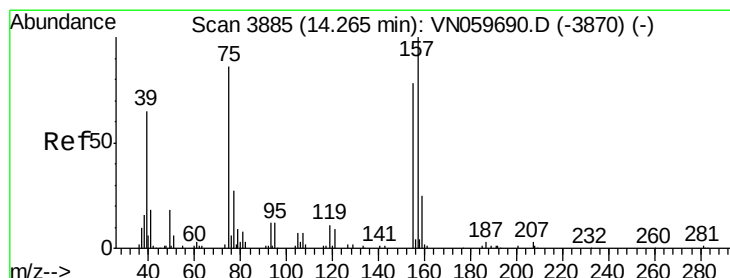
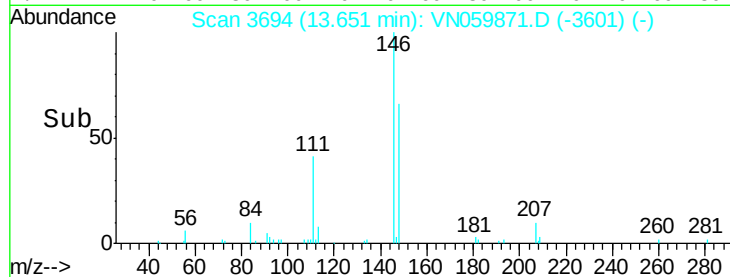
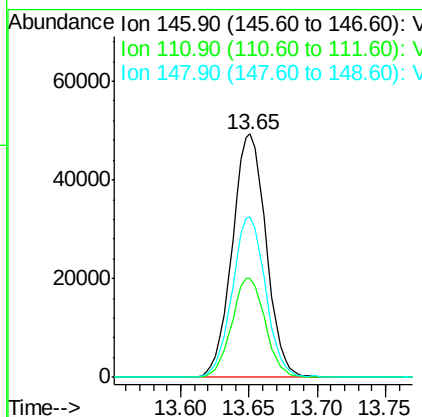
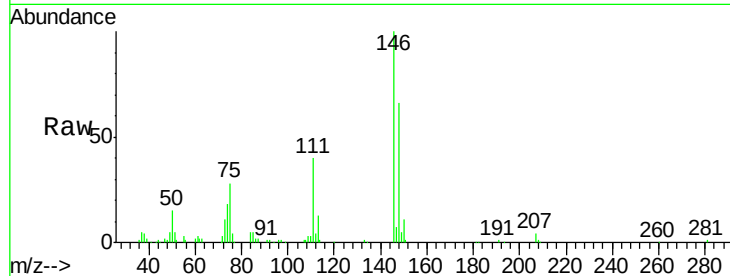




#91
 1,2-Dichlorobenzene
 Concen: 19.51 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

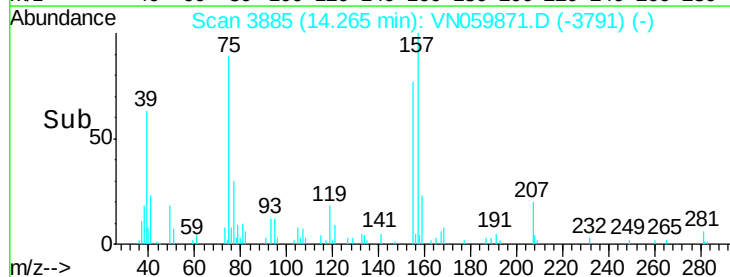
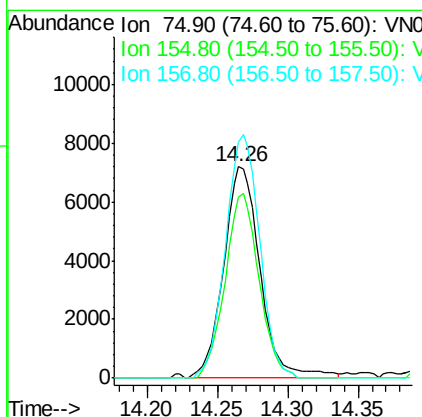
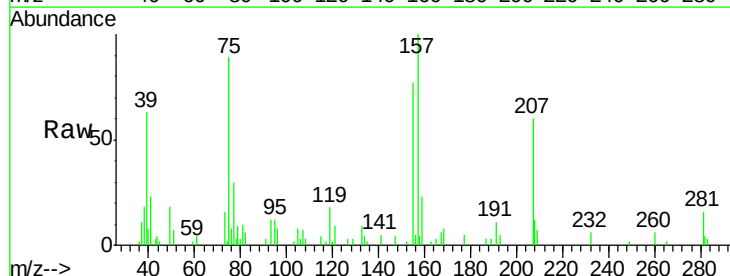
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBSD01

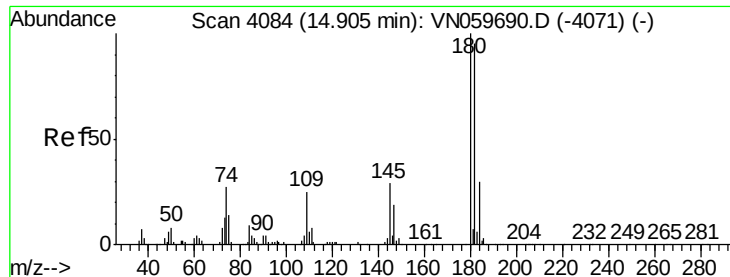
Tgt Ion:146 Resp: 85075
 Ion Ratio Lower Upper
 146 100
 111 39.9 21.6 64.8
 148 64.6 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.72 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

Tgt Ion: 75 Resp: 13095
 Ion Ratio Lower Upper
 75 100
 155 80.4 37.0 110.9
 157 107.1 48.4 145.2





#93

1,2,4-Trichlorobenzene

Concen: 20.41 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBSD01

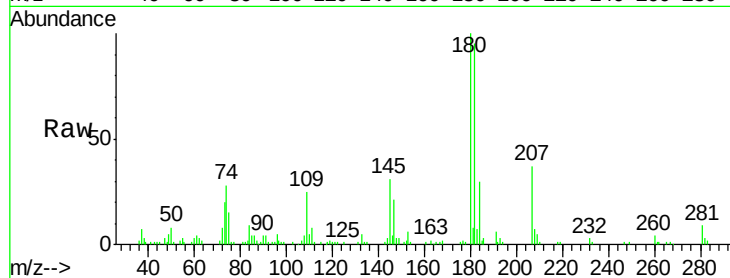
Tgt Ion:180 Resp: 53476

Ion Ratio Lower Upper

180 100

182 94.5 46.9 140.7

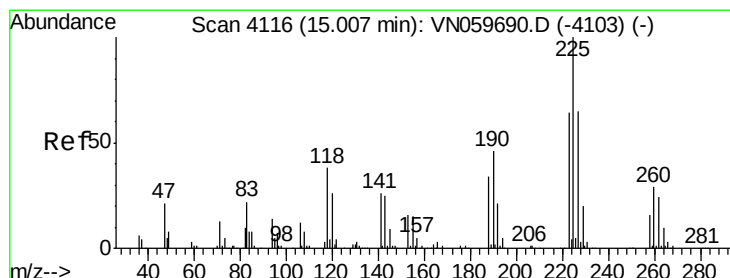
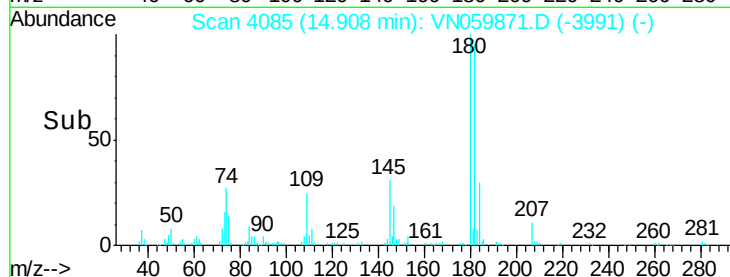
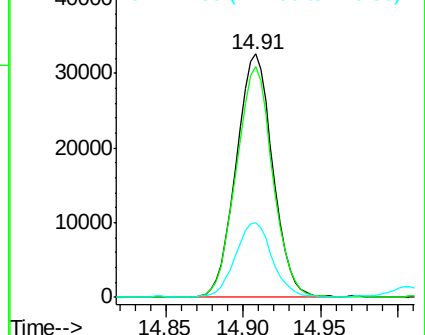
145 31.0 15.0 45.1



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: 18.92 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

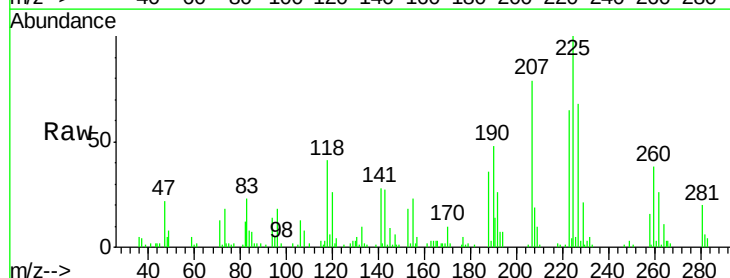
Tgt Ion:225 Resp: 27313

Ion Ratio Lower Upper

225 100

223 65.9 31.8 95.3

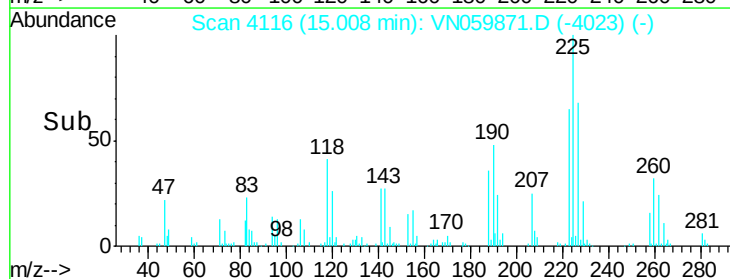
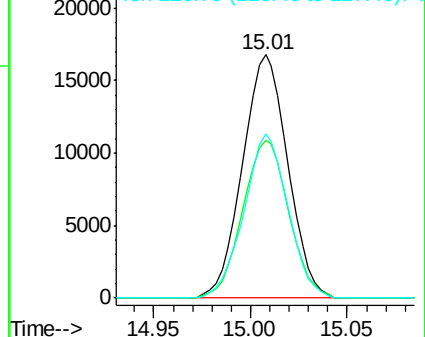
227 65.6 32.1 96.5

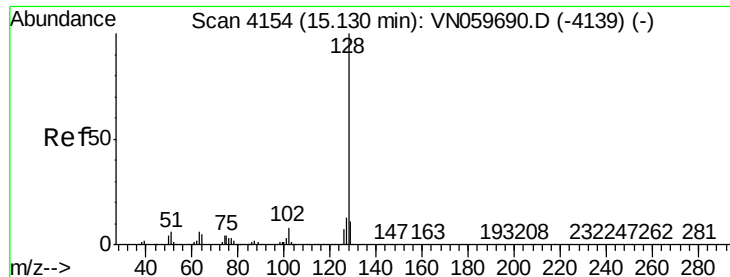


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 25.20 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBSD01

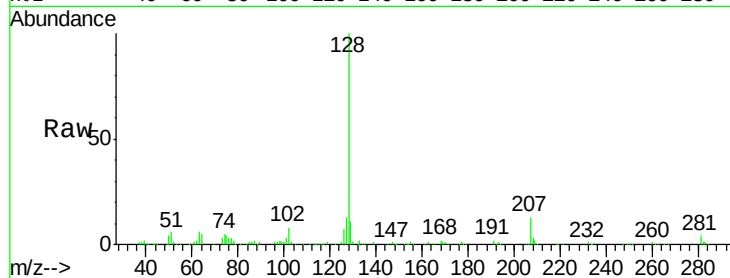
Tgt Ion:128 Resp: 187768

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

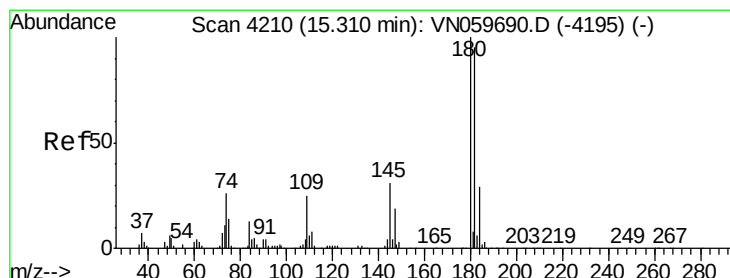
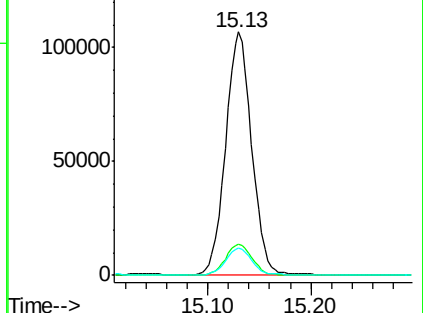
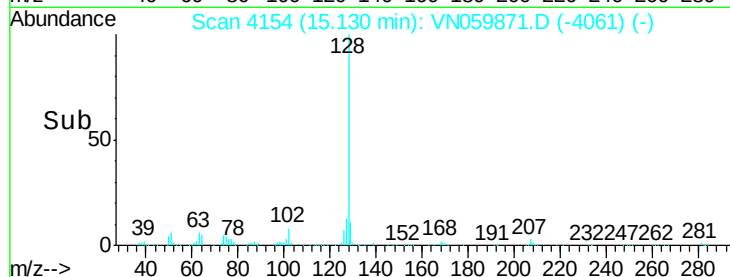
129 11.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.94 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

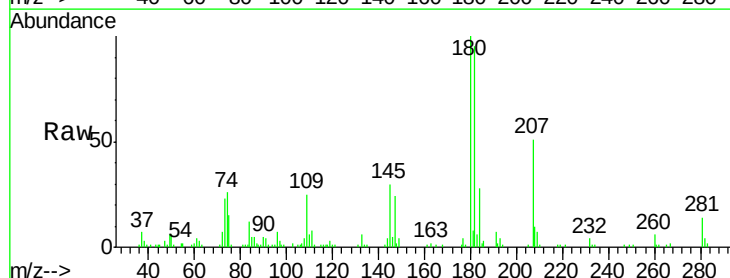
Tgt Ion:180 Resp: 53411

Ion Ratio Lower Upper

180 100

182 95.0 47.4 142.3

145 30.8 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

