

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN012220\
 Data File : VN059829.D
 Acq On : 22 Jan 2020 14:05
 Operator : JC/MD
 Sample : VN0122WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122WBSD01

Quant Time: Jan 22 17:32:48 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	202628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	313656	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	283044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	129048	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	112014	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
35) Dibromofluoromethane	7.57	113	93993	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
50) Toluene-d8	10.08	98	359769	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.40	95	124858	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	44692	18.38	ug/l	100
3) Chloromethane	2.04	50	43136	18.59	ug/l	97
4) Vinyl Chloride	2.17	62	55014	20.73	ug/l	98
5) Bromomethane	2.54	94	32986	20.36	ug/l	98
6) Chloroethane	2.68	64	25189	20.06	ug/l	99
7) Trichlorofluoromethane	3.00	101	65584	20.57	ug/l	98
8) Diethyl Ether	3.38	74	22684	20.28	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.74	101	37483	21.13	ug/l	92
10) Methyl Iodide	3.93	142	54544	19.02	ug/l	95
11) Tert butyl alcohol	4.72	59	38627	101.97	ug/l #	85
12) 1,1-Dichloroethene	3.72	96	36656	19.77	ug/l	87
13) Acrolein	3.58	56	21737	81.06	ug/l	95
14) Allyl chloride	4.30	41	48938	19.59	ug/l #	85
15) Acrylonitrile	4.95	53	88277	102.16	ug/l	98
16) Acetone	3.78	43	91781	114.15	ug/l	96
17) Carbon Disulfide	4.03	76	93713	17.75	ug/l	100
18) Methyl Acetate	4.29	43	51776	19.70	ug/l #	90
19) Methyl tert-butyl Ether	5.00	73	123325	20.40	ug/l	94
20) Methylene Chloride	4.52	84	41280	19.49	ug/l	87
21) trans-1,2-Dichloroethene	5.01	96	37791	19.18	ug/l	88
22) Diisopropyl ether	5.91	45	113086	19.97	ug/l #	92
23) Vinyl Acetate	5.86	43	430658	98.23	ug/l #	94
24) 1,1-Dichloroethane	5.81	63	69935	20.21	ug/l	98
25) 2-Butanone	6.80	43	120579	94.62	ug/l	92
26) 2,2-Dichloropropane	6.79	77	65743	19.76	ug/l	97
27) cis-1,2-Dichloroethene	6.80	96	45857	20.23	ug/l	88
28) Bromochloromethane	7.17	49	27453	19.85	ug/l #	74
29) Tetrahydrofuran	7.18	42	76080	96.50	ug/l #	87
30) Chloroform	7.35	83	73042	20.37	ug/l	99
31) Cyclohexane	7.63	56	60449	18.16	ug/l #	82
32) 1,1,1-Trichloroethane	7.55	97	67944	20.50	ug/l	97
36) 1,1-Dichloropropene	7.77	75	54041	19.78	ug/l	96
37) Ethyl Acetate	6.90	43	46240	18.05	ug/l	94
38) Carbon Tetrachloride	7.75	117	60981	20.52	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	62210	18.47	ug/l	91
40) Benzene	8.02	78	160205	19.67	ug/l	99
41) Methacrylonitrile	7.18	41	69704	55.24	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	56241	20.36	ug/l	97
43) Isopropyl Acetate	8.14	43	83550	18.96	ug/l #	94
44) Trichloroethene	8.82	130	46357	20.85	ug/l	92
45) 1,2-Dichloropropane	9.10	63	40167	19.93	ug/l	98
46) Dibromomethane	9.19	93	28306	19.91	ug/l #	89
47) Bromodichloromethane	9.39	83	58236	20.32	ug/l	100
48) Methyl methacrylate	9.18	41	35679	18.10	ug/l	86
49) 1,4-Dioxane	9.18	88	15500	429.58	ug/l #	89
51) 4-Methyl-2-Pentanone	9.97	43	242988	95.39	ug/l	94
52) Toluene	10.14	92	102920	20.00	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	62589	19.56	ug/l	97
54) cis-1,3-Dichloropropene	9.82	75	67975	20.19	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	41652	20.44	ug/l	96
56) Ethyl methacrylate	10.42	69	58533	18.80	ug/l	94
57) 1,3-Dichloropropane	10.70	76	66672	20.61	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	92708	98.84	ug/l	91
59) 2-Hexanone	10.74	43	176916	94.28	ug/l	93
60) Dibromochloromethane	10.89	129	46896	20.21	ug/l	99
61) 1,2-Dibromoethane	10.99	107	43375	20.31	ug/l	100
64) Tetrachloroethene	10.62	164	47176	20.45	ug/l	95
65) Chlorobenzene	11.43	112	113084	20.33	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	44157	20.54	ug/l	97
67) Ethyl Benzene	11.50	91	200052	19.81	ug/l	97
68) m/p-Xylenes	11.62	106	152264	39.91	ug/l	94
69) o-Xylene	11.94	106	74274	19.89	ug/l	94
70) Styrene	11.96	104	117339	18.78	ug/l	96
71) Bromoform	12.12	173	34930	20.29	ug/l #	100
73) Isopropylbenzene	12.25	105	199823	21.11	ug/l	100
74) N-amyl acetate	12.06	43	67349	18.34	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	57048	20.79	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	75148	34.60	ug/l #	100
77) Bromobenzene	12.52	156	49730	20.75	ug/l	83
78) n-propylbenzene	12.59	91	215838	20.32	ug/l	97
79) 2-Chlorotoluene	12.67	91	126800	20.07	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	162471	20.41	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	19741	19.52	ug/l	94
82) 4-Chlorotoluene	12.77	91	130644	20.61	ug/l	96
83) tert-Butylbenzene	12.99	119	142149	20.65	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	165459	21.01	ug/l	100
85) sec-Butylbenzene	13.17	105	185560	20.52	ug/l	99
86) p-Isopropyltoluene	13.28	119	166930	19.95	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	85453	20.53	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	84386	20.32	ug/l	98
89) n-Butylbenzene	13.61	91	137908	19.33	ug/l	98
90) Hexachloroethane	13.87	117	31246	19.96	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	85805	20.85	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11851	18.82	ug/l	84

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Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

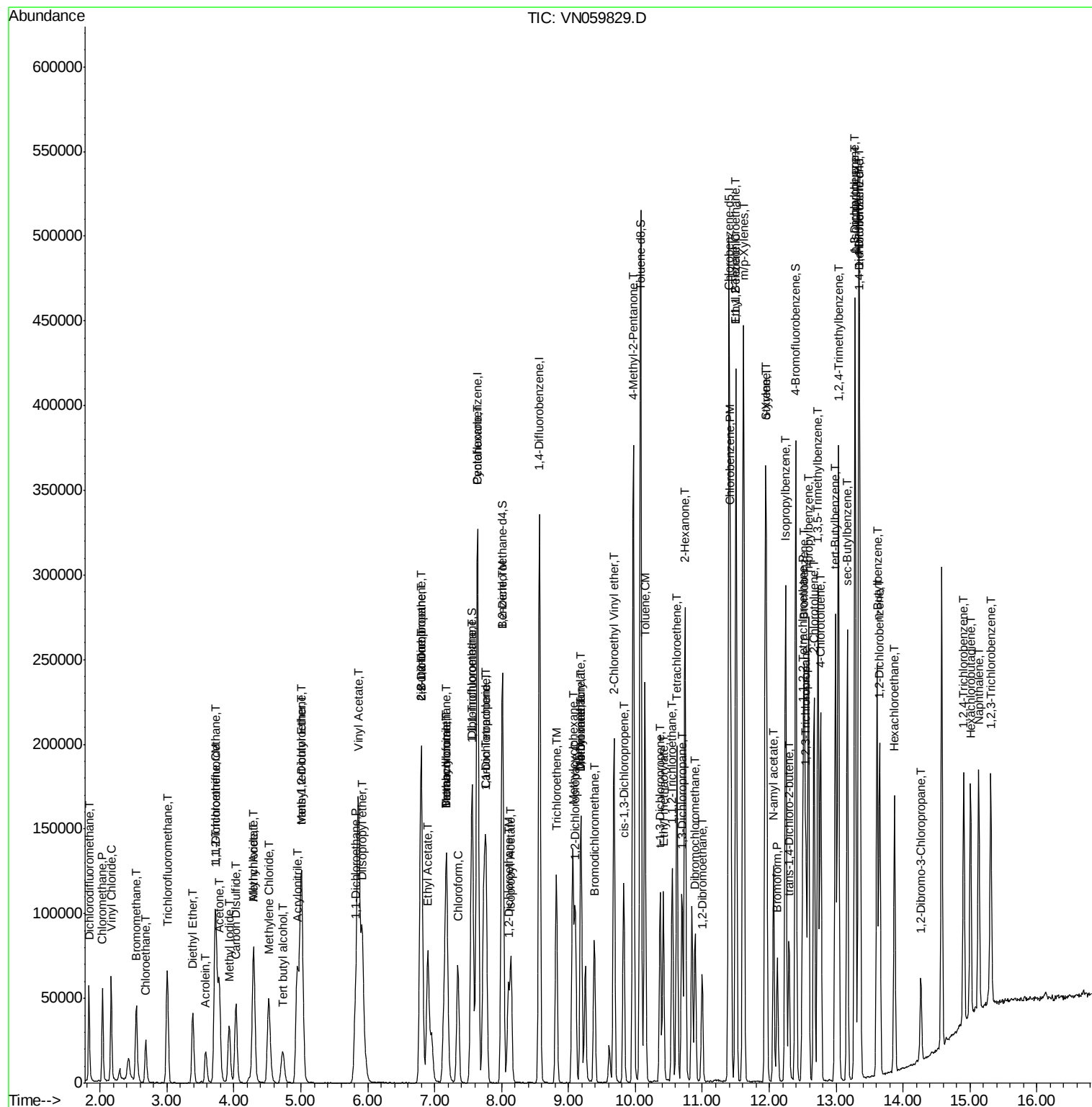
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	48235	19.50	ug/l	99
94) Hexachlorobutadiene	15.01	225	27492	20.17	ug/l	98
95) Naphthalene	15.13	128	126666	18.01	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	47912	19.90	ug/l	98

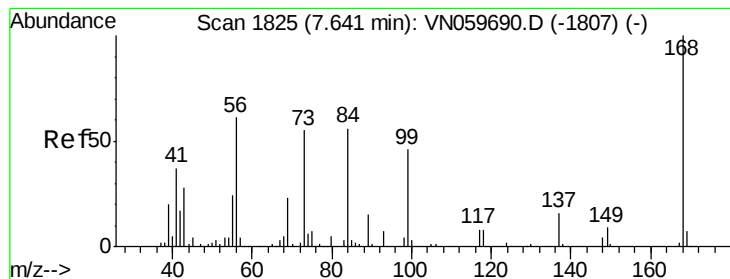
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00mL/MSVOA_N/WATER
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Instrument :
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Quant Title : SW846 8260
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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: VN059829.D

Acq: 22 Jan 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

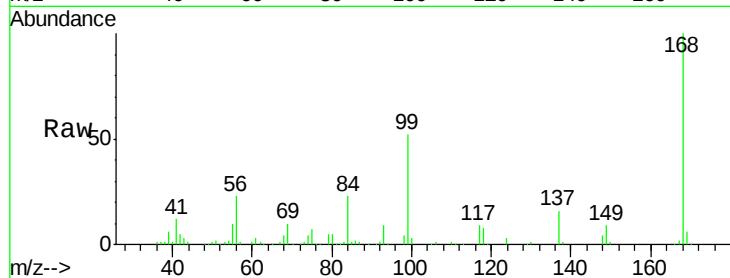
VN0122WBSD01

Tgt Ion: 168 Resp: 202628

Ion Ratio Lower Upper

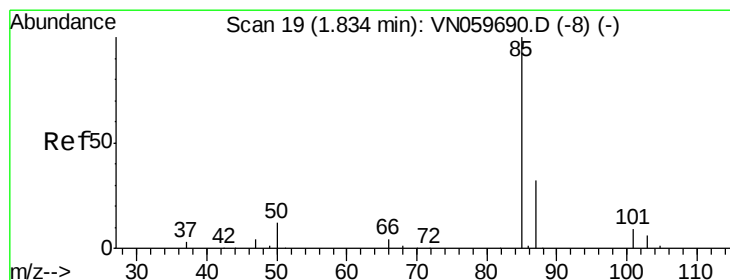
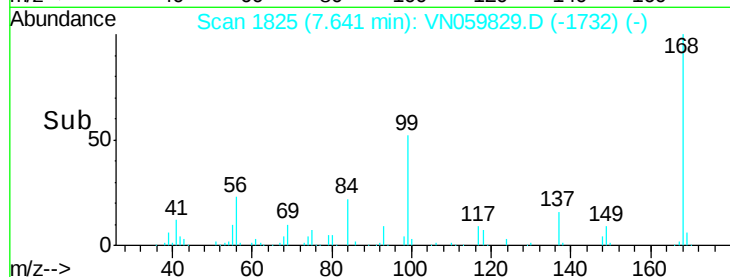
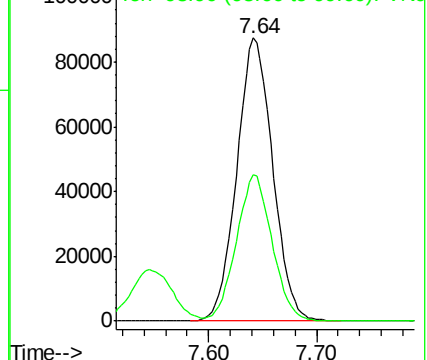
168 100

99 51.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 18.38 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059829.D

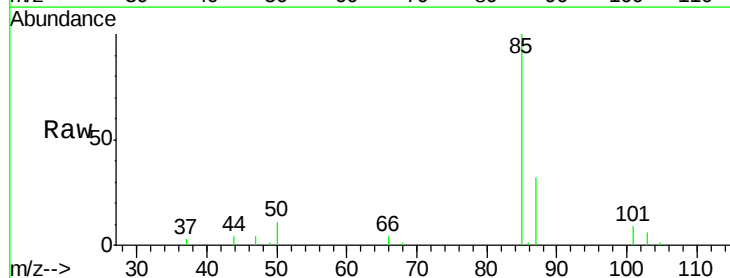
Acq: 22 Jan 2020 14:05

Tgt Ion: 85 Resp: 44692

Ion Ratio Lower Upper

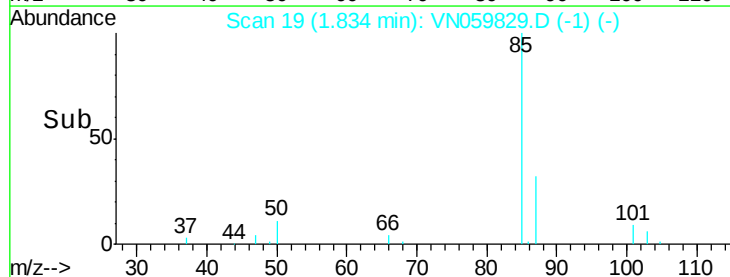
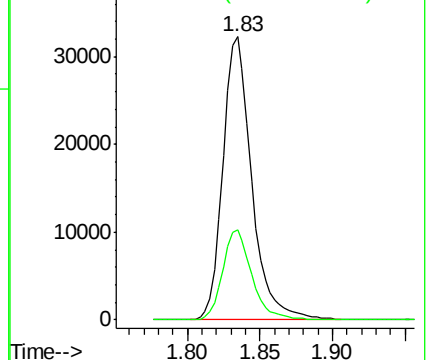
85 100

87 31.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 18.59 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

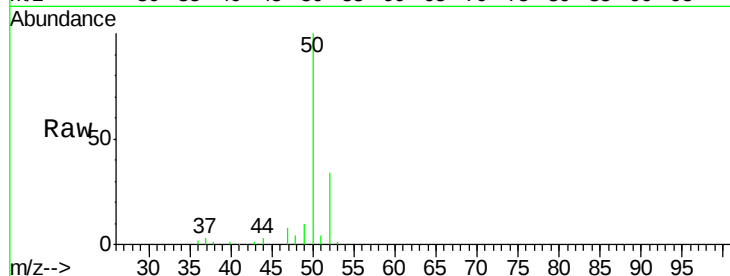
VN0122WBSD01

Tgt Ion: 50 Resp: 43136

Ion Ratio Lower Upper

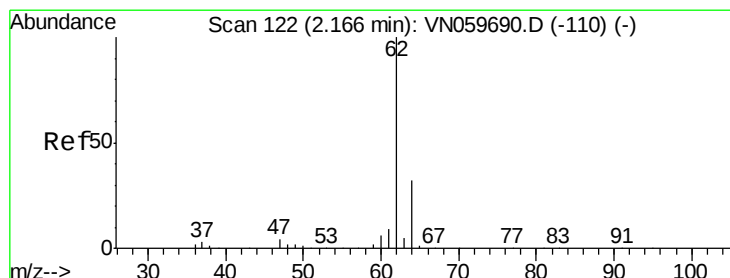
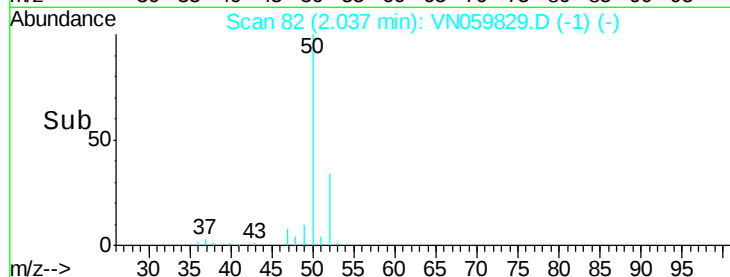
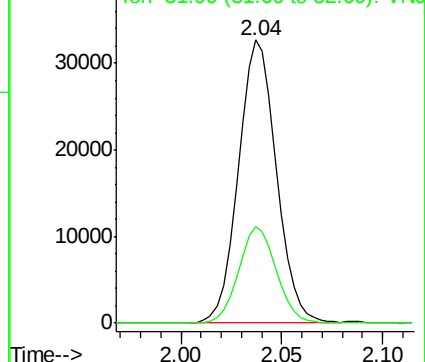
50 100

52 34.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 20.73 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059829.D

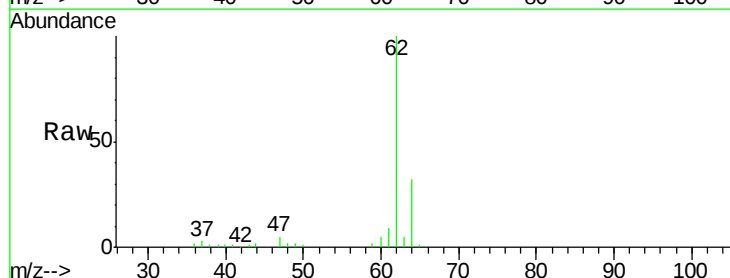
Acq: 22 Jan 2020 14:05

Tgt Ion: 62 Resp: 55014

Ion Ratio Lower Upper

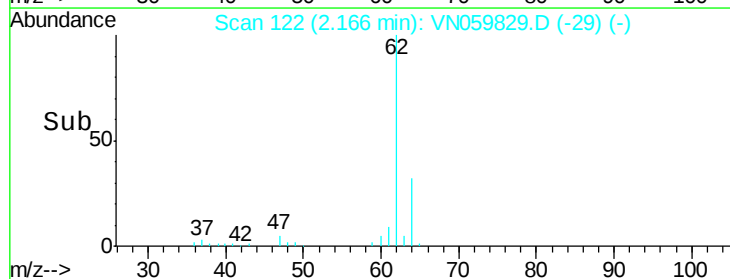
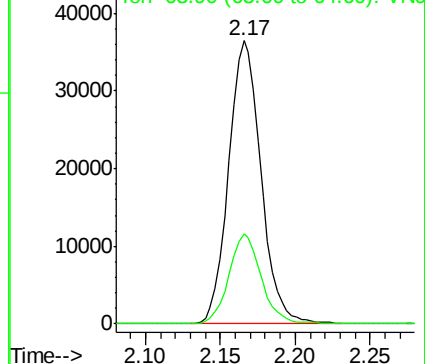
62 100

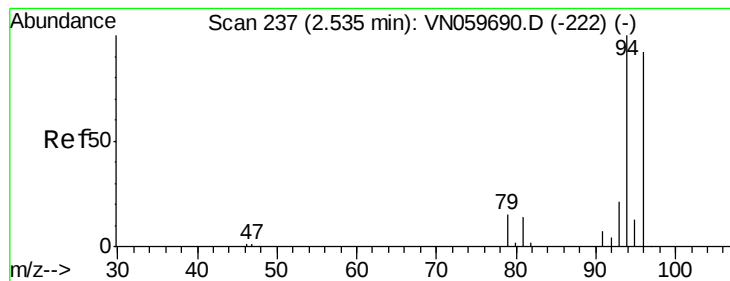
64 31.7 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 20.36 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

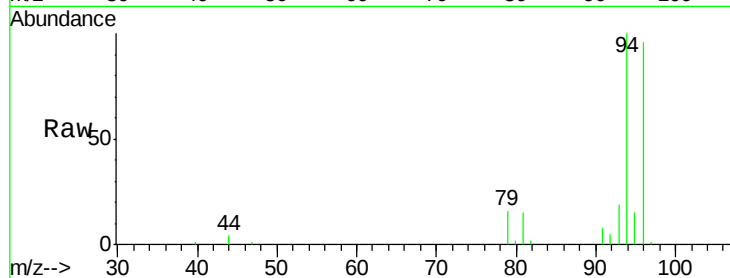
VN0122WBSD01

Tgt Ion: 94 Resp: 32986

Ion Ratio Lower Upper

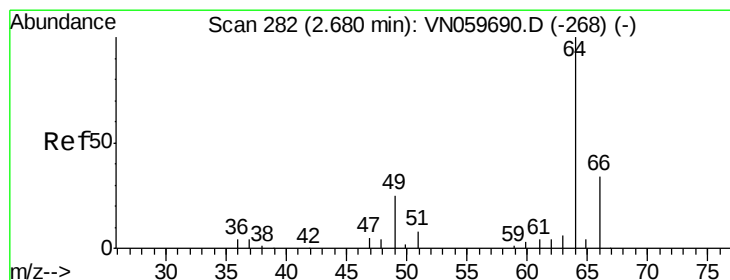
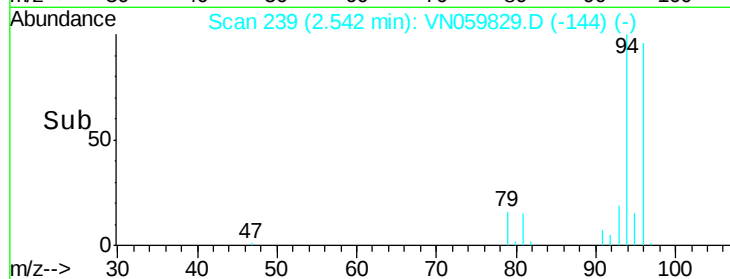
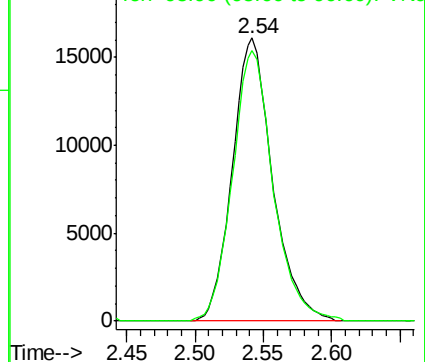
94 100

96 95.8 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: 20.06 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059829.D

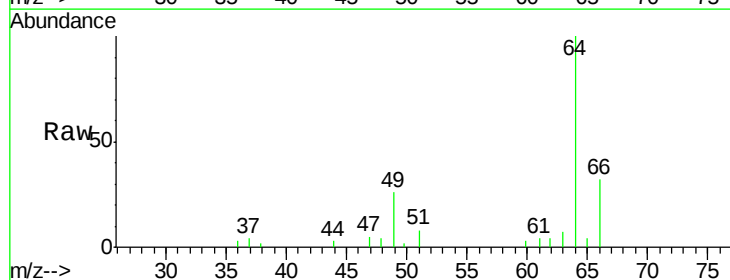
Acq: 22 Jan 2020 14:05

Tgt Ion: 64 Resp: 25189

Ion Ratio Lower Upper

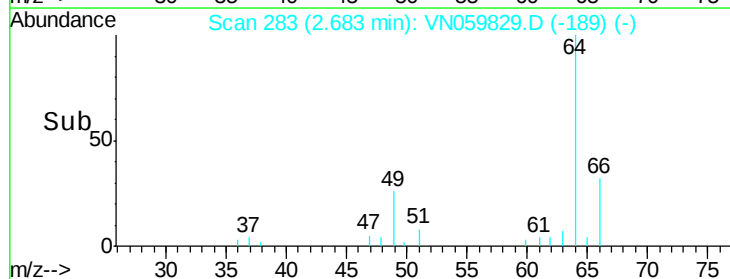
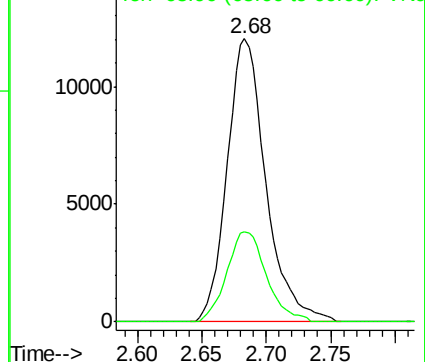
64 100

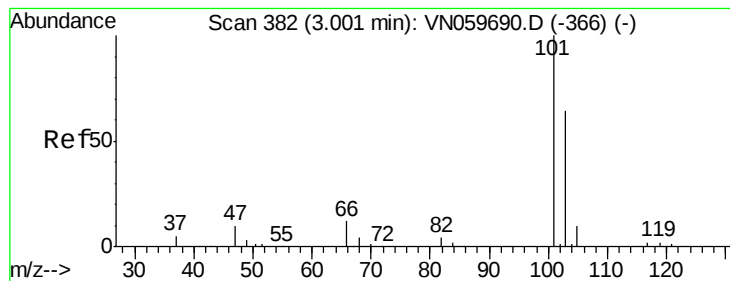
66 31.9 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



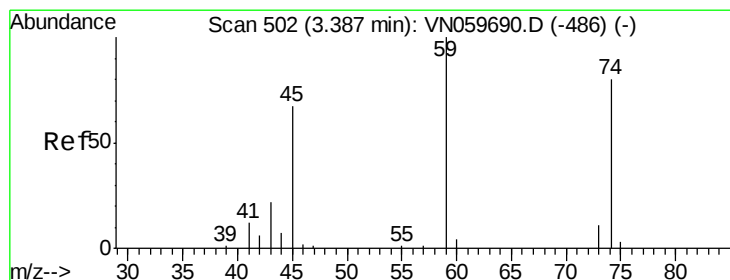
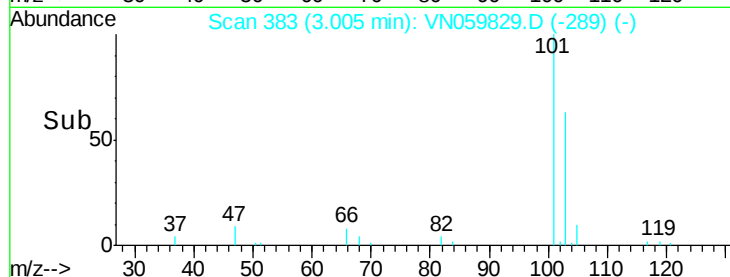
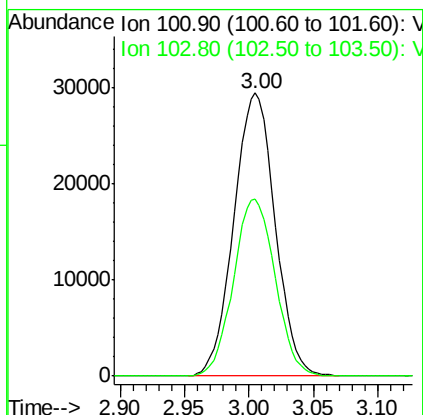
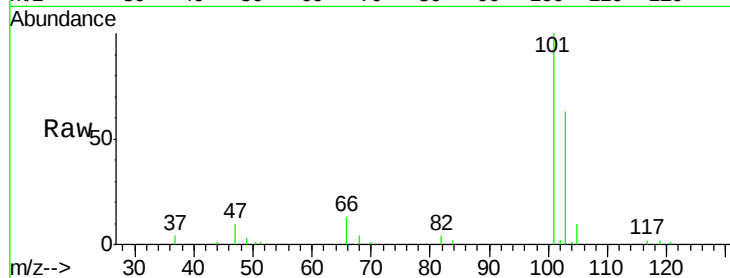


#7

Trichlorofluoromethane
 Concen: 20.57 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN059829.D
 Acq: 22 Jan 2020 14:05

Instrument :
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 VN0122WBSD01

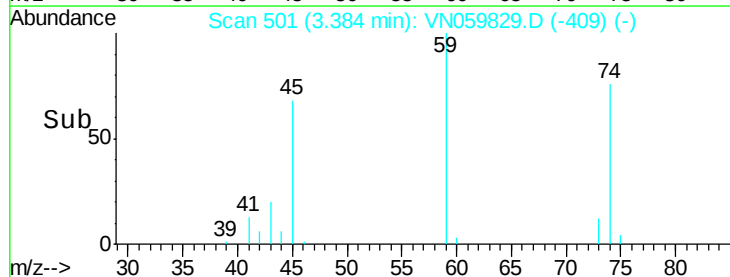
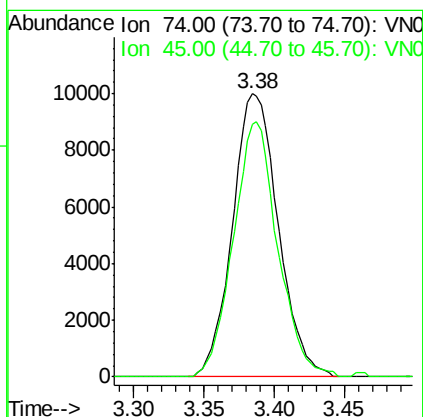
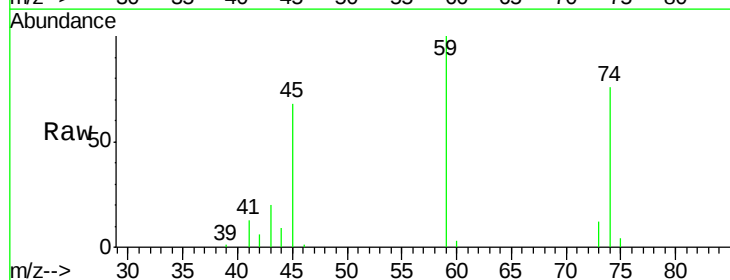
Tgt Ion: 101 Resp: 65584
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.0 76.6



#8

Diethyl Ether
 Concen: 20.28 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN059829.D
 Acq: 22 Jan 2020 14:05

Tgt Ion: 74 Resp: 22684
 Ion Ratio Lower Upper
 74 100
 45 87.5 51.9 155.8

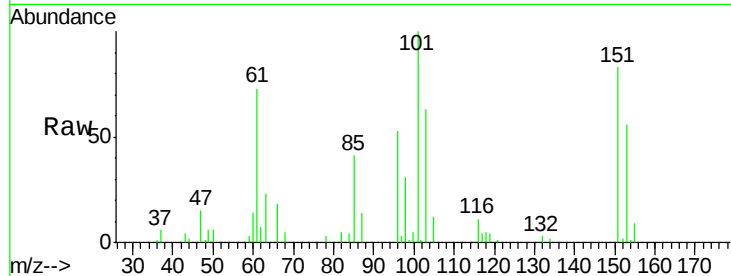




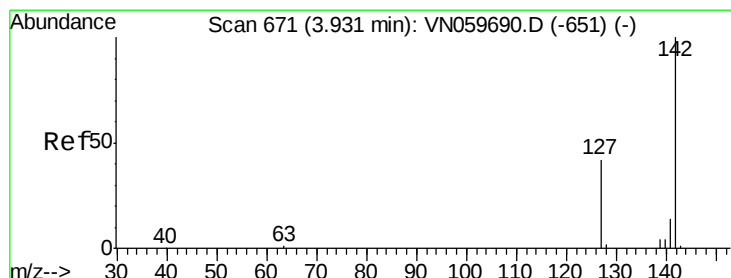
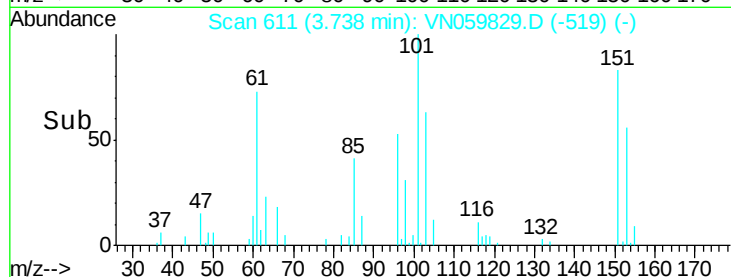
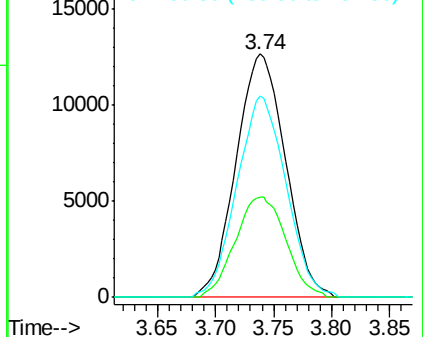
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.13 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN059829.D
 Acq: 22 Jan 2020 14:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122WBSD01

Tgt Ion:101 Resp: 37483
 Ion Ratio Lower Upper
 101 100
 85 42.2 36.6 54.8
 151 82.2 59.7 89.5

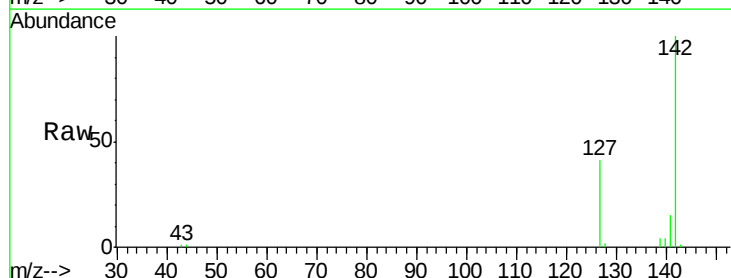


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

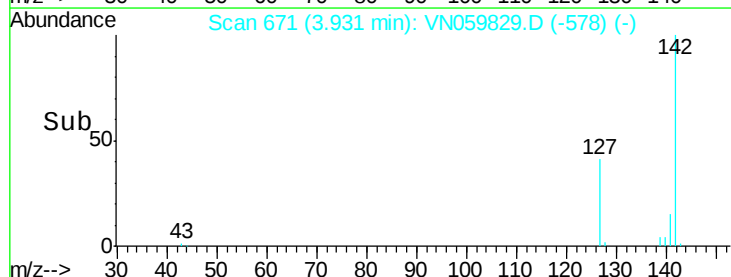
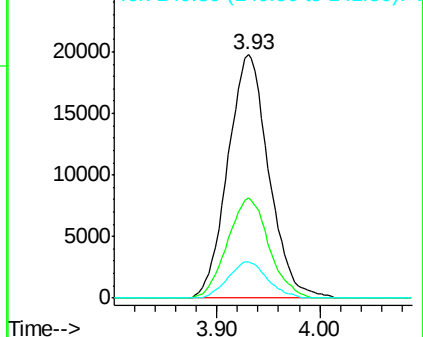


#10
 Methyl Iodide
 Concen: 19.02 ug/l
 RT: 3.93 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: VN059829.D
 Acq: 22 Jan 2020 14:05

Tgt Ion:142 Resp: 54544
 Ion Ratio Lower Upper
 142 100
 127 41.7 36.7 55.1
 141 14.4 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V

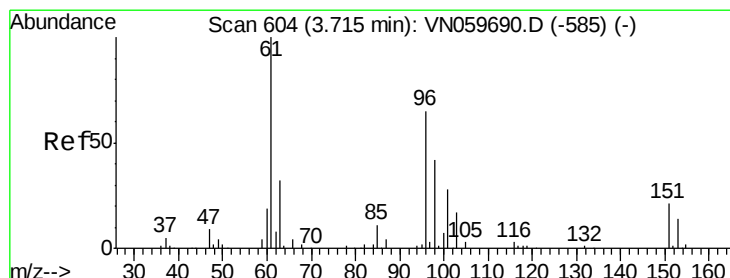
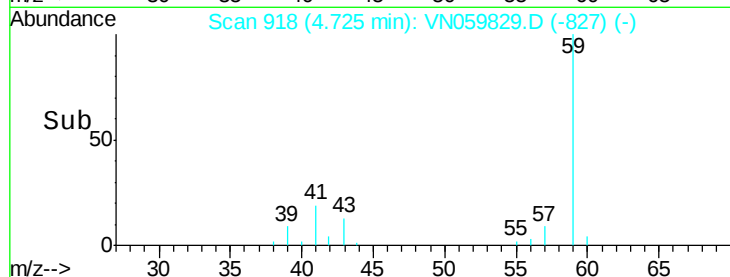
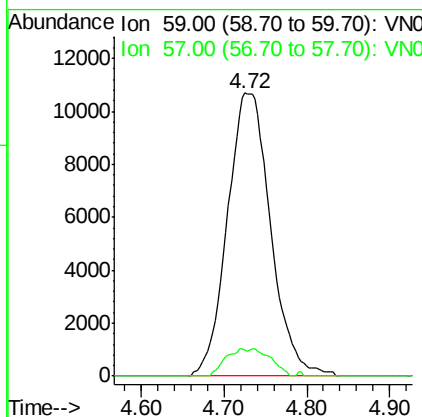
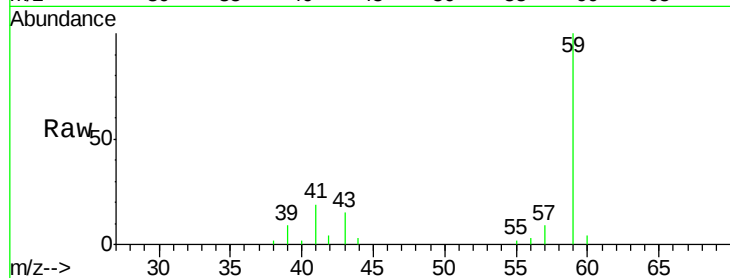




#11
Tert butyl alcohol
Concen: 101.97 ug/l
RT: 4.72 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN059829.D
Acq: 22 Jan 2020 14:05

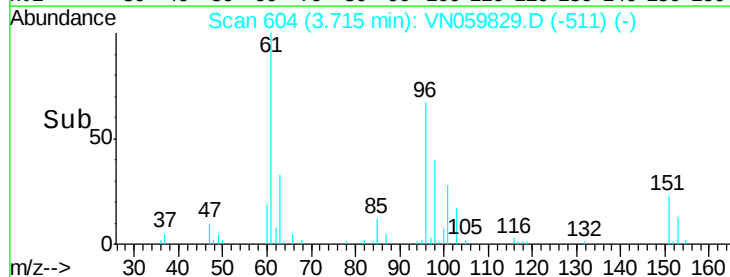
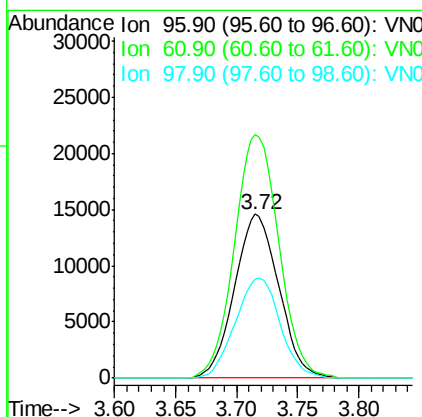
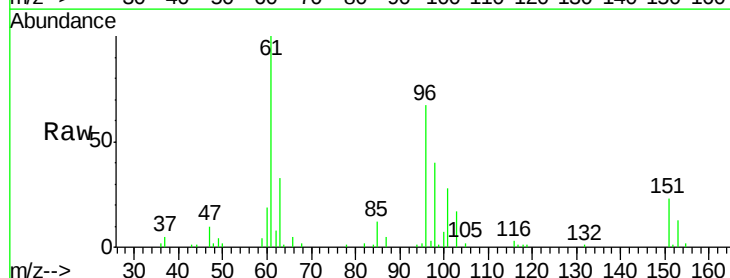
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD01

Tgt Ion: 59 Resp: 38627
Ion Ratio Lower Upper
59 100
57 4.9 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 19.77 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059829.D
Acq: 22 Jan 2020 14:05

Tgt Ion: 96 Resp: 36656
Ion Ratio Lower Upper
96 100
61 148.6 137.5 206.3
98 60.1 50.2 75.4





#13

Acrolein

Concen: 81.06 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

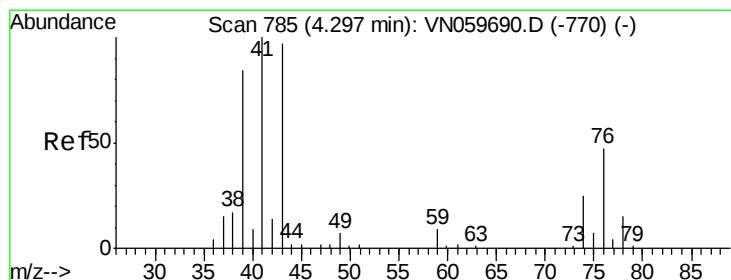
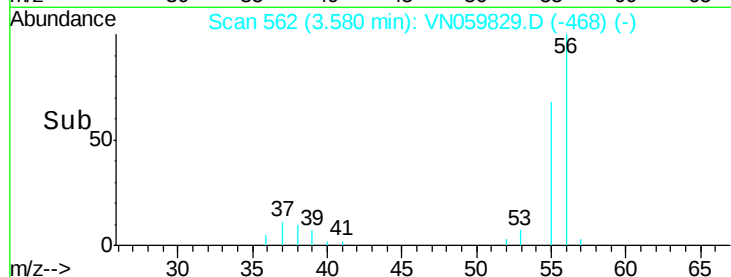
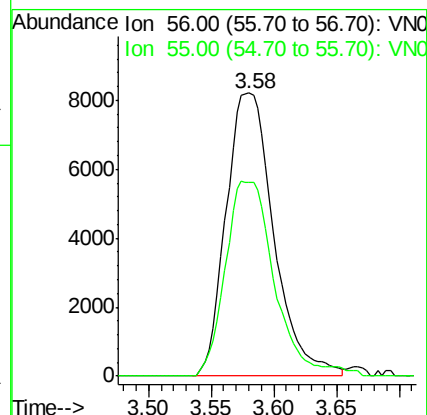
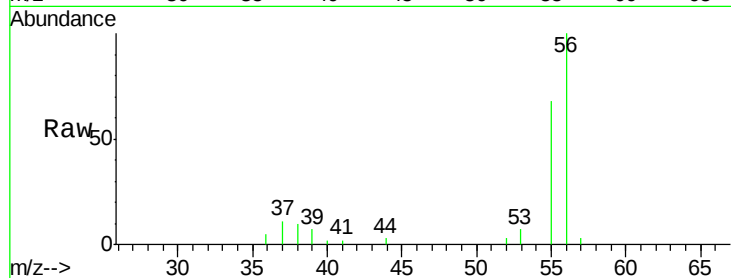
VN0122WBSD01

Tgt Ion: 56 Resp: 21737

Ion Ratio Lower Upper

56 100

55 69.3 58.6 88.0



#14

Allyl chloride

Concen: 19.59 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

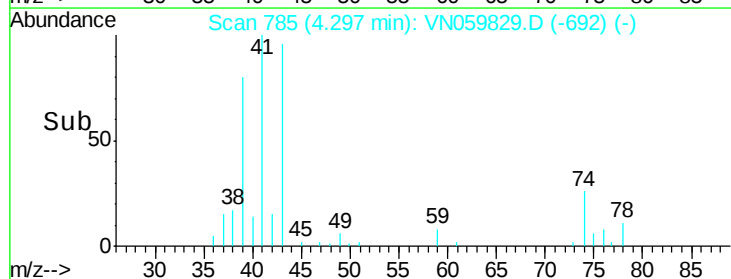
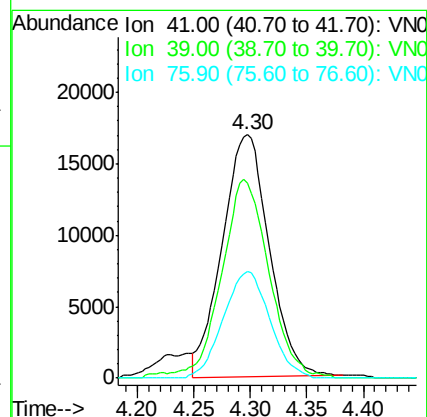
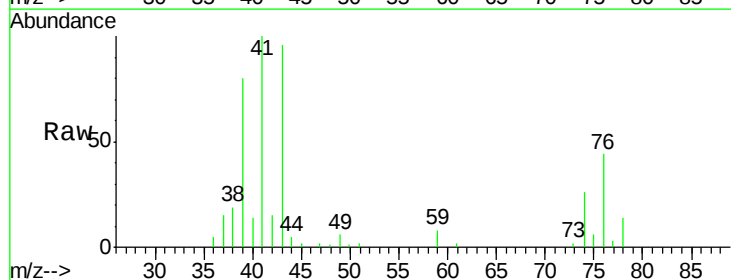
Tgt Ion: 41 Resp: 48938

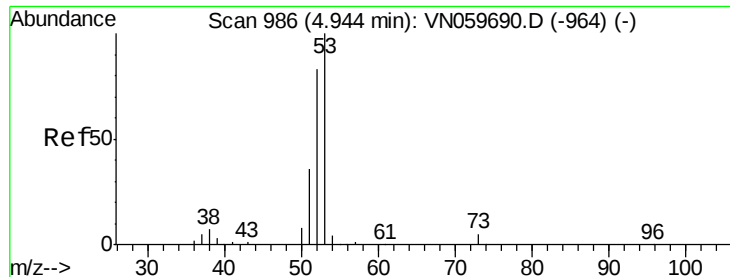
Ion Ratio Lower Upper

41 100

39 82.4 57.8 86.8

76 43.5 25.4 38.0#





#15

Acrylonitrile

Concen: 102.16 ug/l

RT: 4.95 min Scan# 987

Delta R.T. 0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0122WBSD01

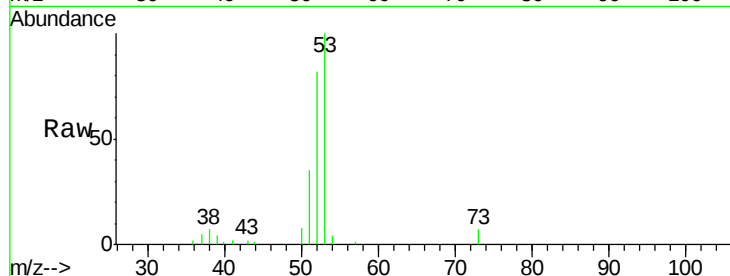
Tgt Ion: 53 Resp: 88277

Ion Ratio Lower Upper

53 100

52 81.2 66.3 99.5

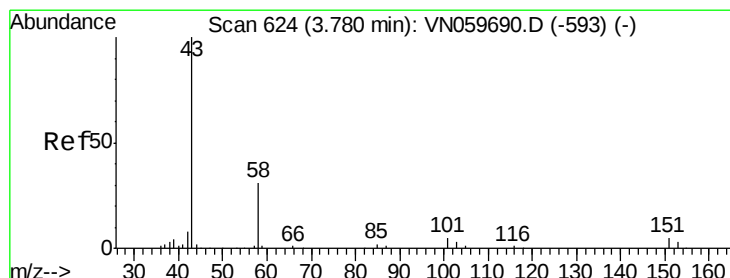
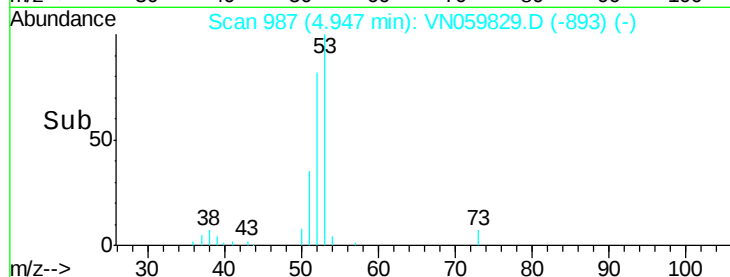
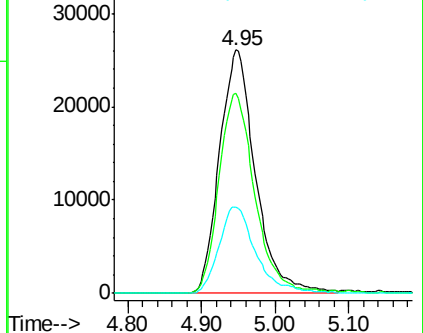
51 36.5 29.7 44.5



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: 114.15 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN059829.D

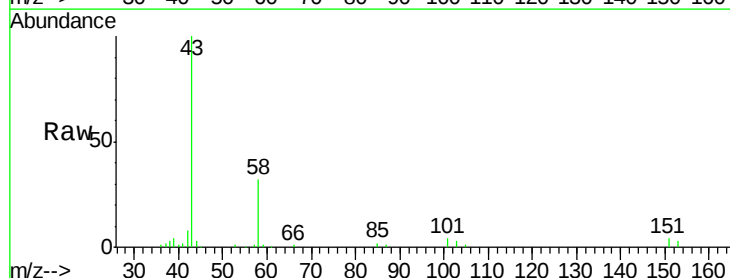
Acq: 22 Jan 2020 14:05

Tgt Ion: 43 Resp: 91781

Ion Ratio Lower Upper

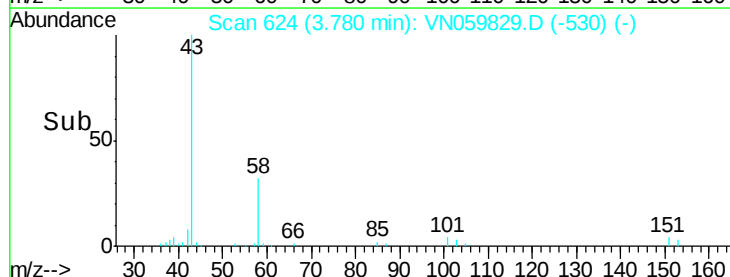
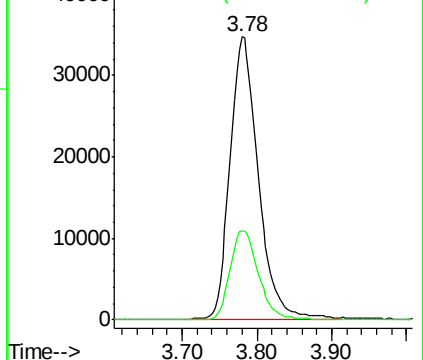
43 100

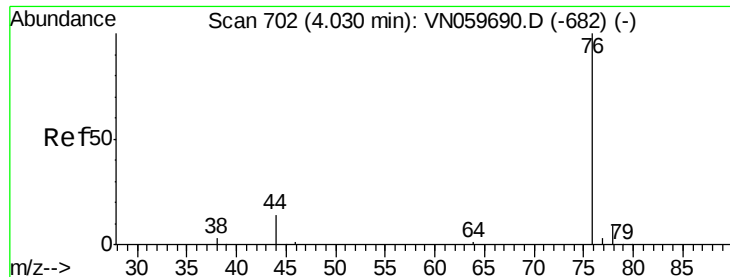
58 31.5 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

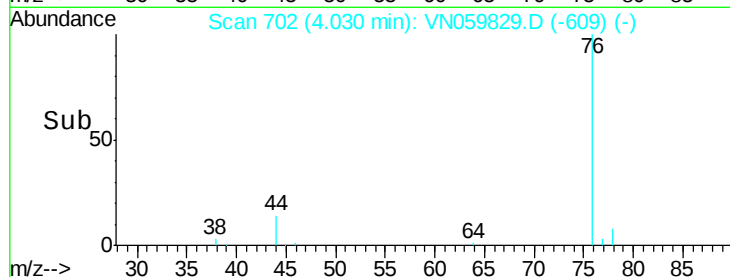
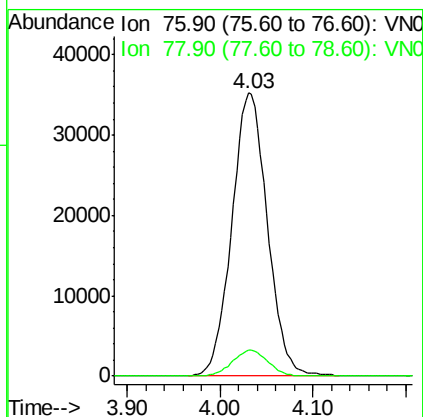
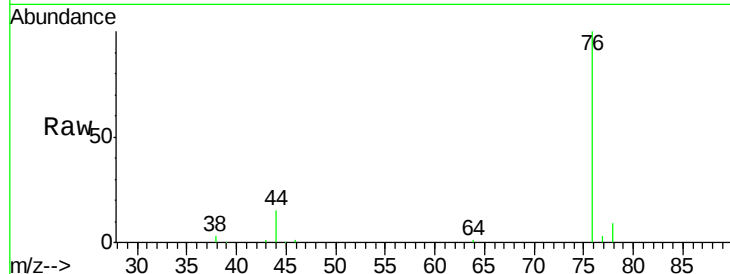




#17
Carbon Disulfide
Concen: 17.75 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059829.D
Acq: 22 Jan 2020 14:05

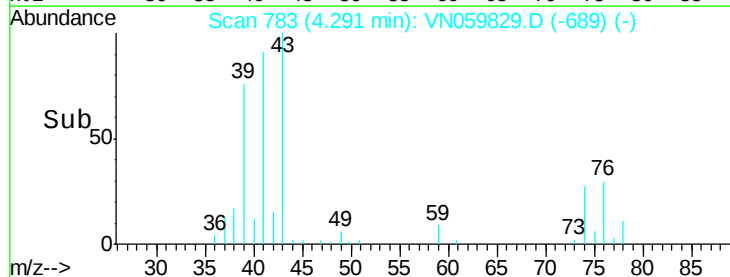
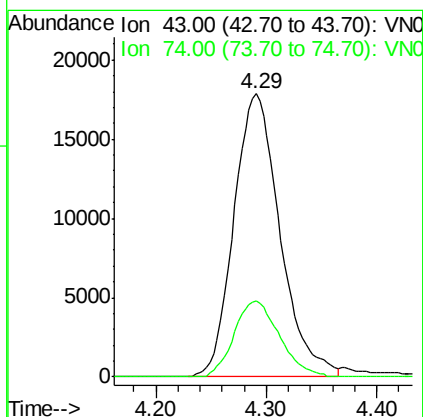
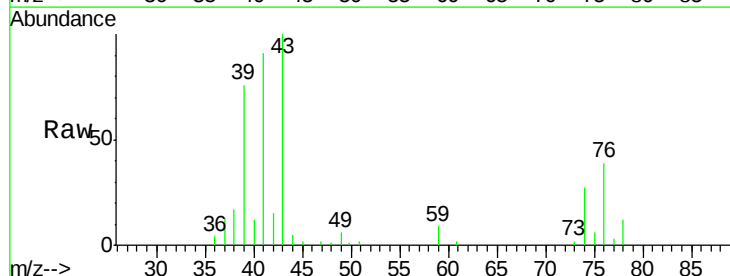
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD01

Tgt Ion: 76 Resp: 93713
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 19.70 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.00 min
Lab File: VN059829.D
Acq: 22 Jan 2020 14:05

Tgt Ion: 43 Resp: 51776
Ion Ratio Lower Upper
43 100
74 26.5 17.5 26.3#

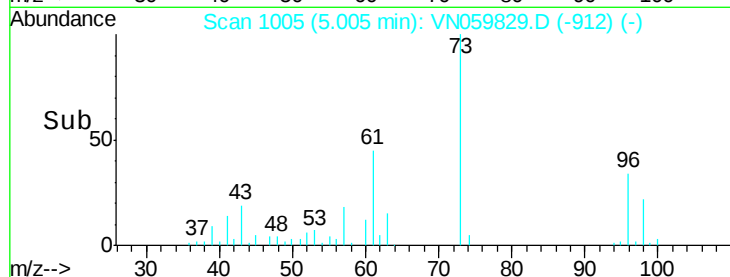
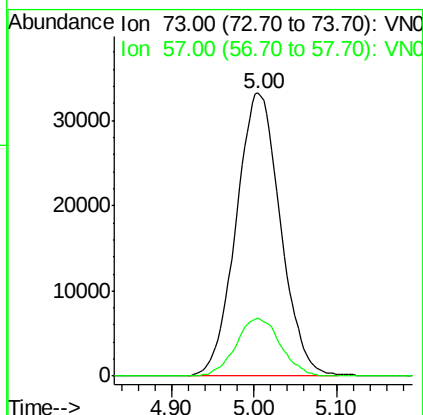
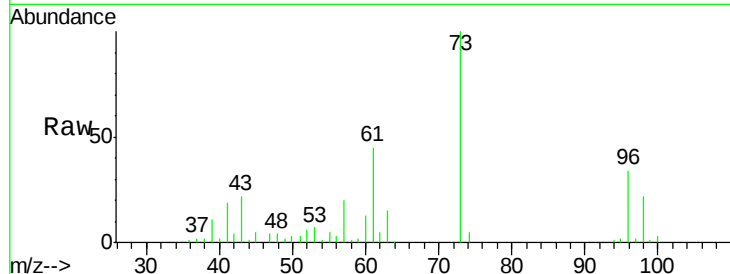




#19
Methyl tert-butyl Ether
Concen: 20.40 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN059829.D
Acq: 22 Jan 2020 14:05

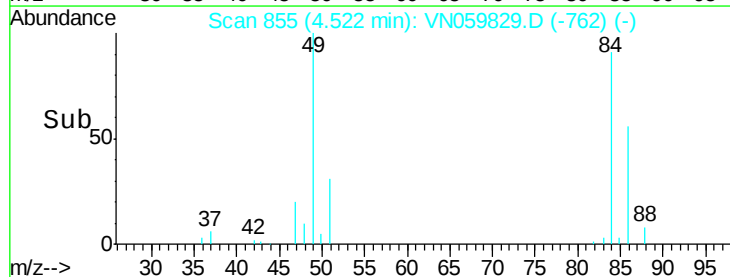
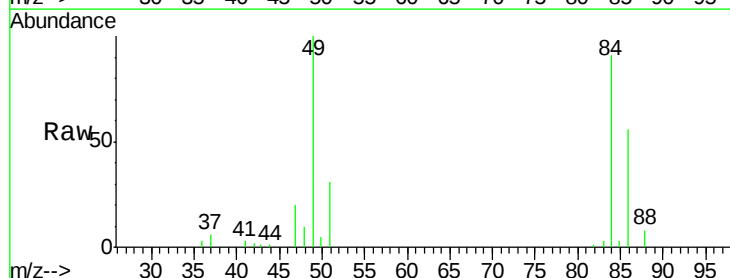
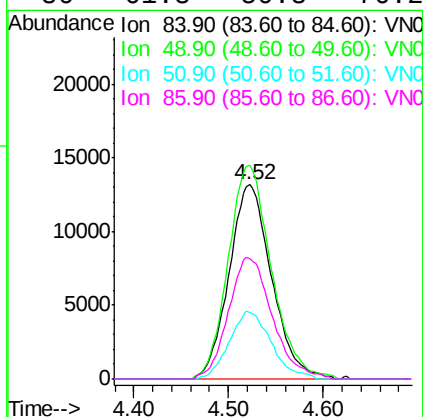
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD01

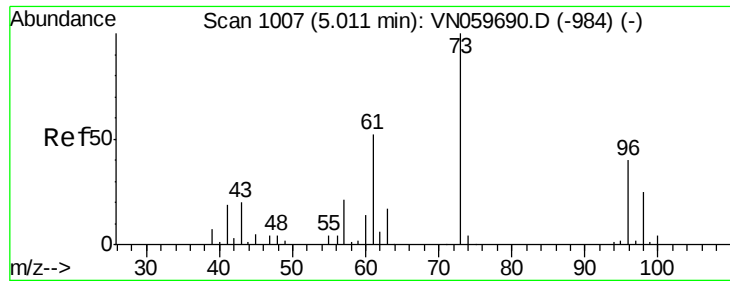
Tgt Ion: 73 Resp: 123325
Ion Ratio Lower Upper
73 100
57 20.3 18.6 27.8



#20
Methylene Chloride
Concen: 19.49 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059829.D
Acq: 22 Jan 2020 14:05

Tgt Ion: 84 Resp: 41280
Ion Ratio Lower Upper
84 100
49 110.1 106.6 160.0
51 34.4 31.9 47.9
86 61.8 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 19.18 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0122WBSD01

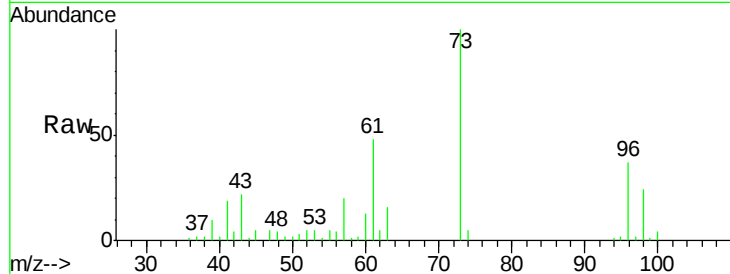
Tgt Ion: 96 Resp: 37791

Ion Ratio Lower Upper

96 100

61 130.5 120.4 180.6

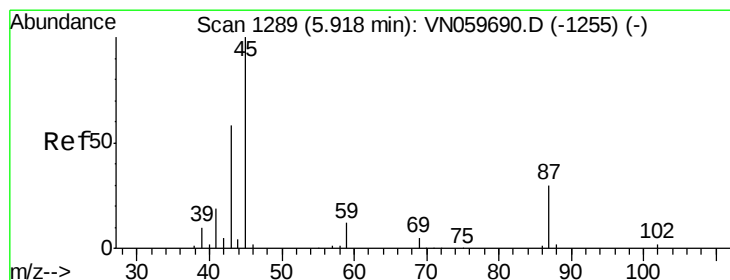
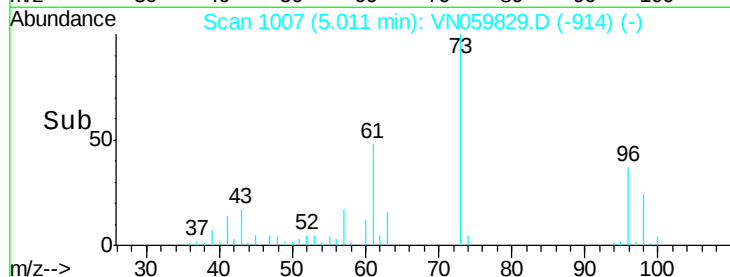
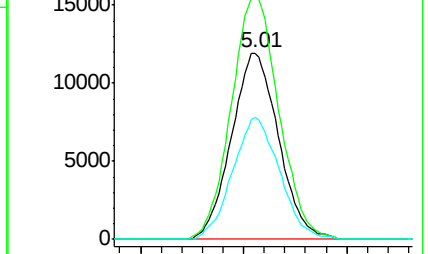
98 65.4 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VN059690.D (-984) (-)

Ion 60.90 (60.60 to 61.60): VN059690.D (-984) (-)

Ion 97.90 (97.60 to 98.60): VN059690.D (-984) (-)



#22

Diisopropyl ether

Concen: 19.97 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

Tgt Ion: 45 Resp: 113086

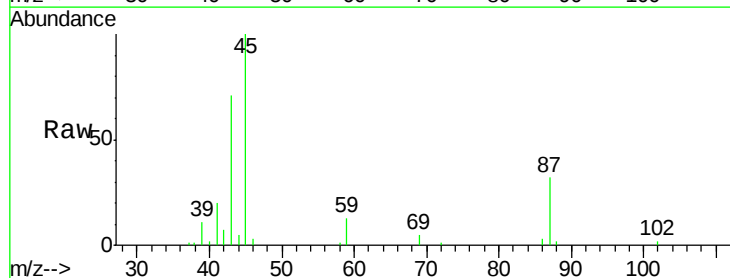
Ion Ratio Lower Upper

45 100

43 69.1 50.8 76.2

87 32.3 21.0 31.6#

59 13.3 9.1 13.7

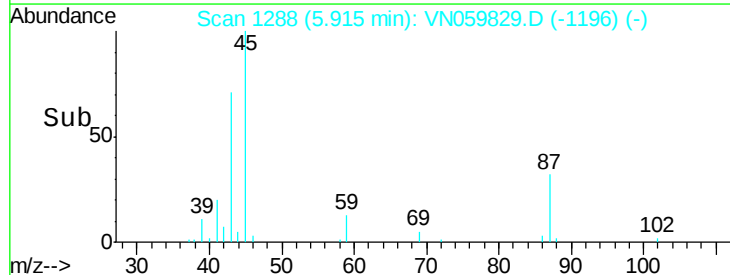
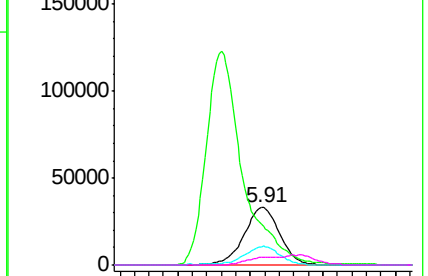


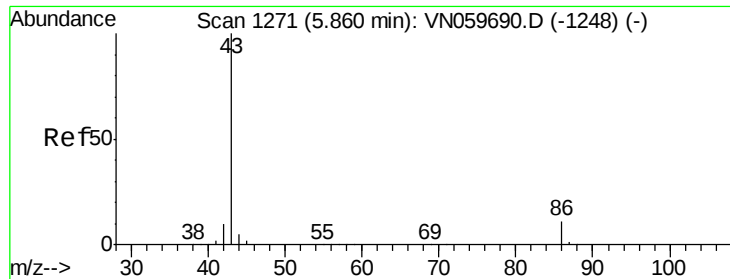
Abundance Ion 45.00 (44.70 to 45.70): VN059690.D (-1255) (-)

Ion 43.00 (42.70 to 43.70): VN059690.D (-1255) (-)

Ion 87.00 (86.70 to 87.70): VN059690.D (-1255) (-)

Ion 59.00 (58.70 to 59.70): VN059690.D (-1255) (-)

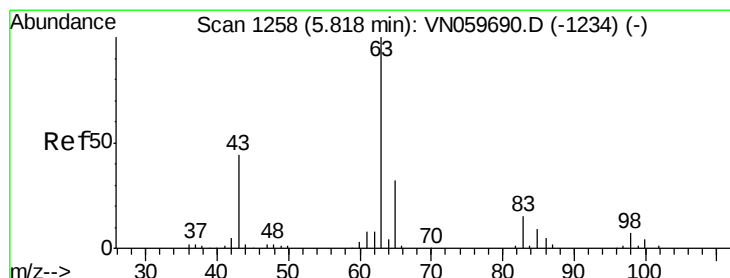
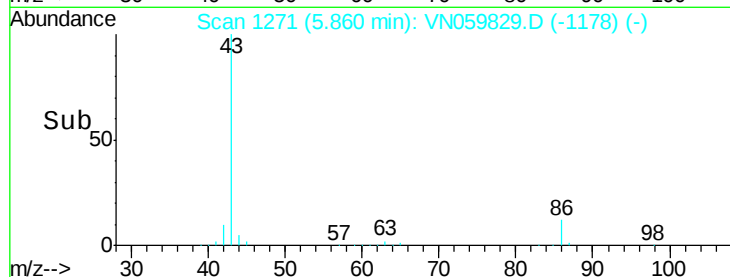
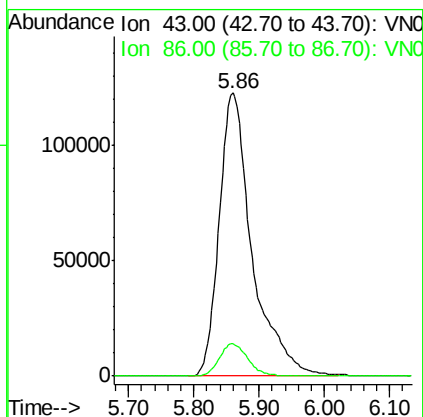
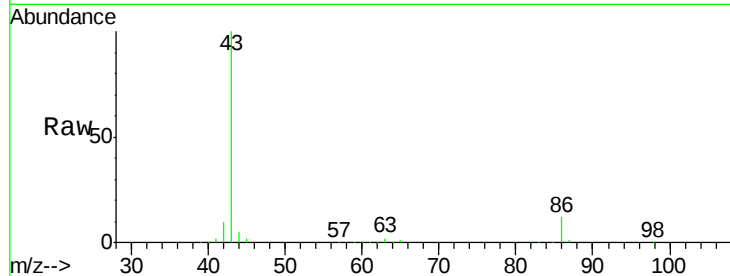




#23
 Vinyl Acetate
 Concen: 98.23 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN059829.D
 Acq: 22 Jan 2020 14:05

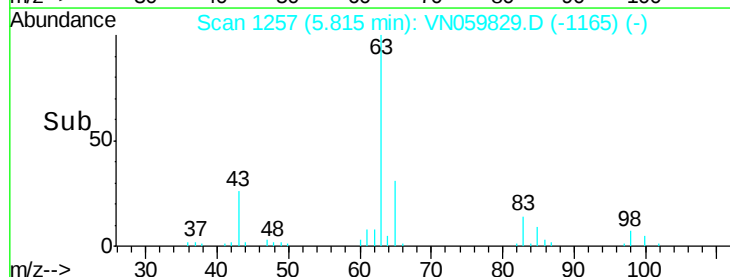
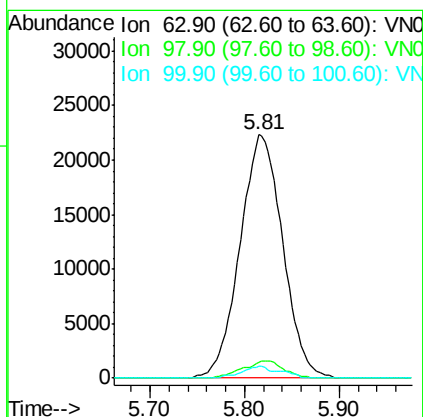
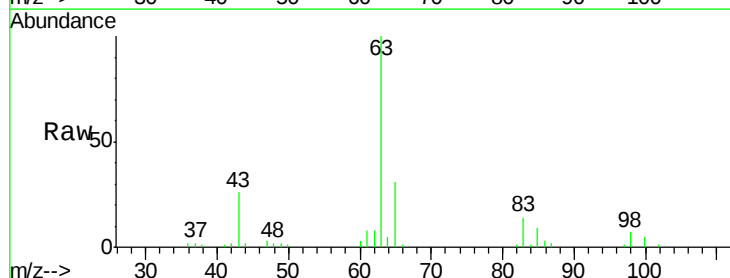
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122WBSD01

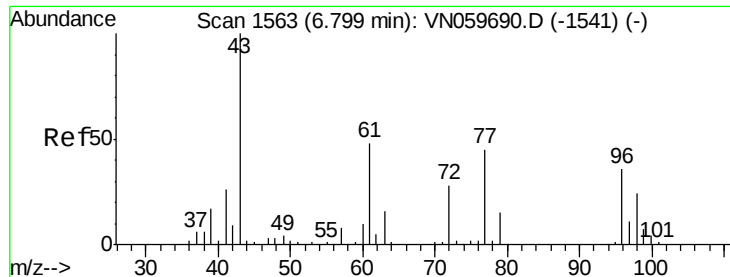
Tgt Ion: 43 Resp: 430658
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.6 11.4#



#24
 1,1-Dichloroethane
 Concen: 20.21 ug/l
 RT: 5.81 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059829.D
 Acq: 22 Jan 2020 14:05

Tgt Ion: 63 Resp: 69935
 Ion Ratio Lower Upper
 63 100
 98 6.5 2.9 8.7
 100 4.7 2.0 6.0





#25

2-Butanone

Concen: 94.62 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

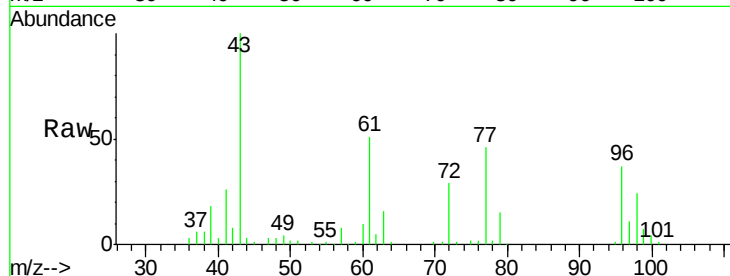
VN0122WBSD01

Tgt Ion: 43 Resp: 120579

Ion Ratio Lower Upper

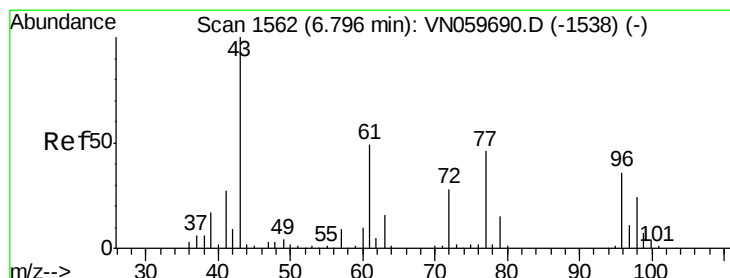
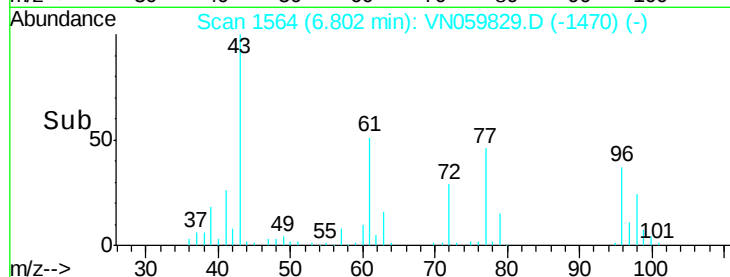
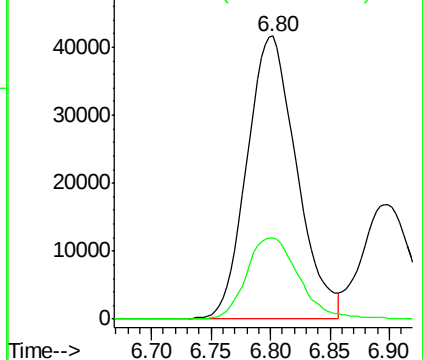
43 100

72 28.7 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 19.76 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059829.D

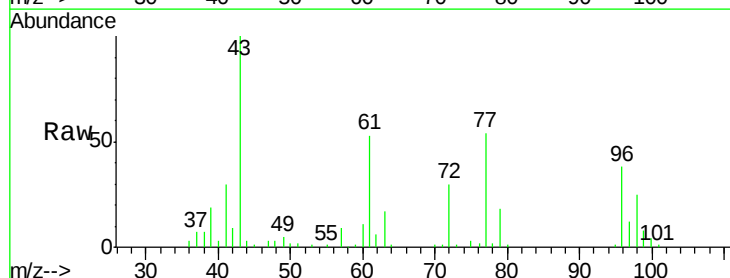
Acq: 22 Jan 2020 14:05

Tgt Ion: 77 Resp: 65743

Ion Ratio Lower Upper

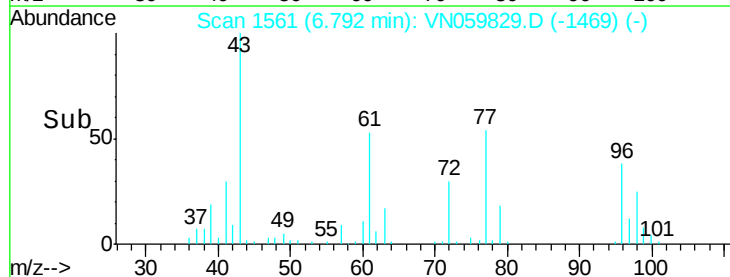
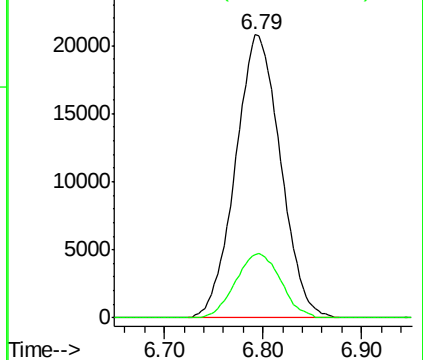
77 100

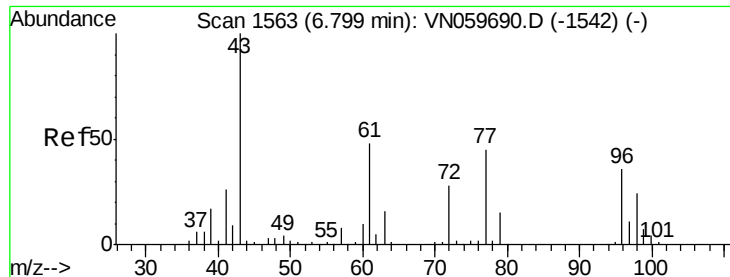
97 22.8 10.7 31.9



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: 20.23 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

Instrument :

MSVOA_N

ClientSampled :

VN0122WBSD01

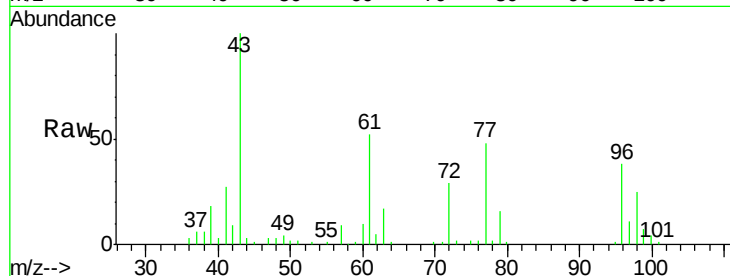
Tgt Ion: 96 Resp: 45857

Ion Ratio Lower Upper

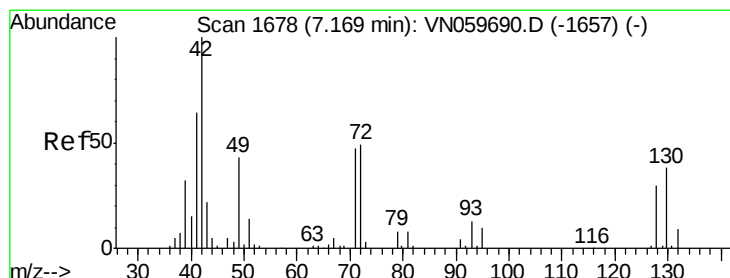
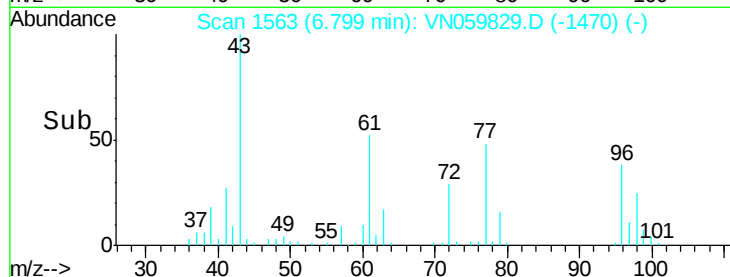
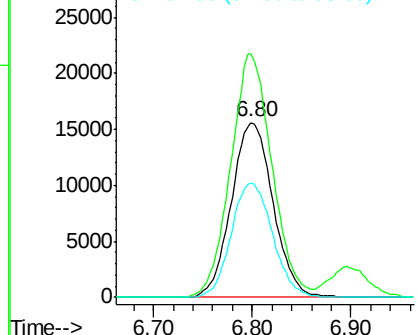
96 100

61 138.1 0.0 317.6

98 64.8 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.85 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

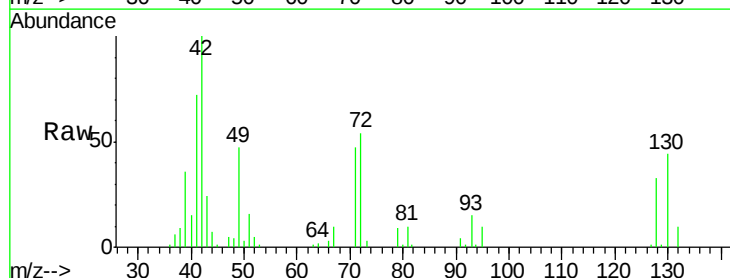
Tgt Ion: 49 Resp: 27453

Ion Ratio Lower Upper

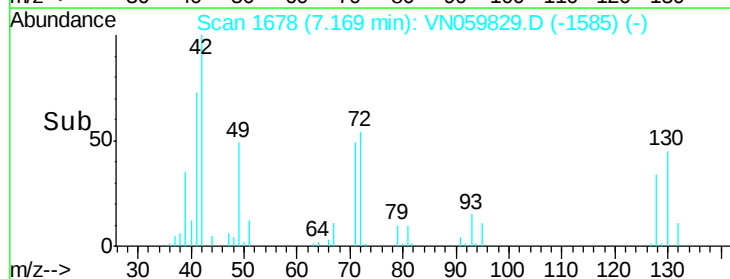
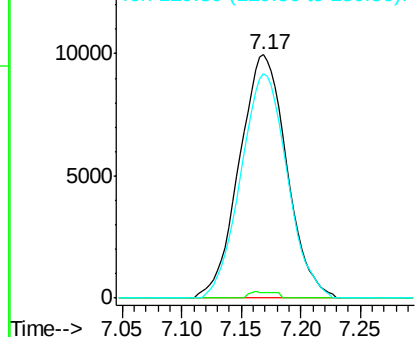
49 100

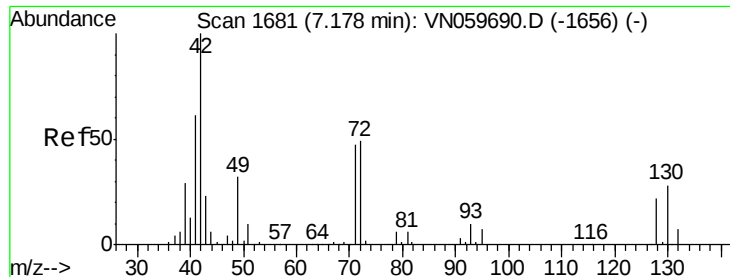
129 1.0 0.0 3.4

130 90.4 54.7 82.1#



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

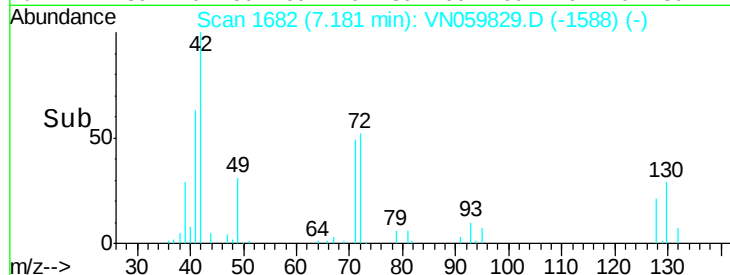
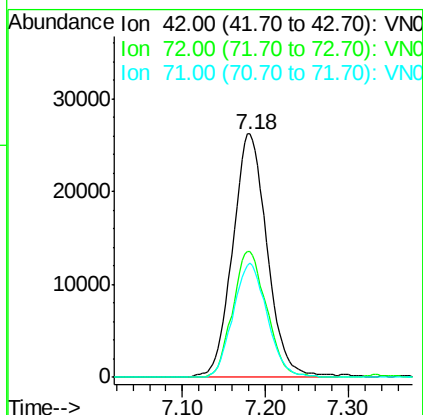
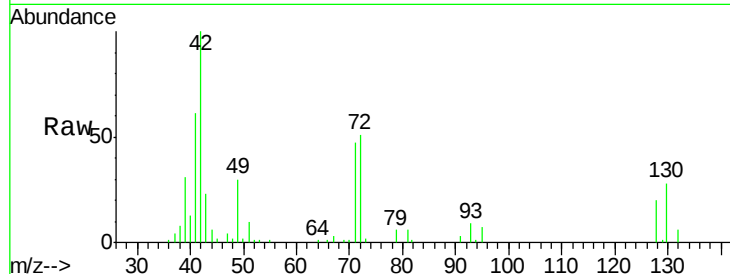




#29
Tetrahydrofuran
Concen: 96.50 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN059829.D
Acq: 22 Jan 2020 14:05

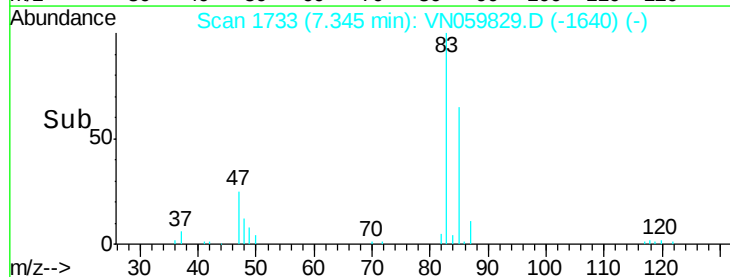
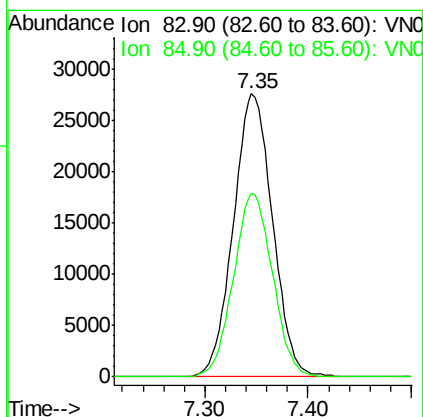
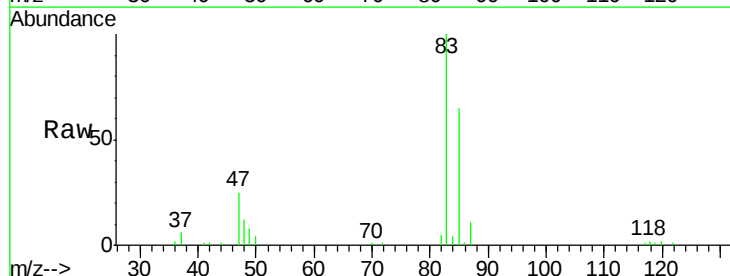
Instrument :
MSVOA_N
ClientSampled :
VN0122WBSD01

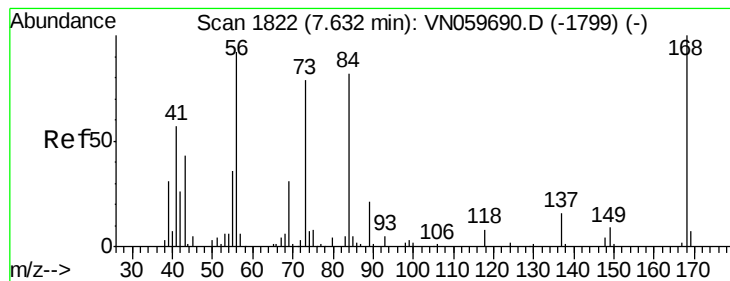
Tgt Ion: 42 Resp: 76080
Ion Ratio Lower Upper
42 100
72 50.7 33.1 49.7#
71 46.1 31.4 47.0



#30
Chloroform
Concen: 20.37 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059829.D
Acq: 22 Jan 2020 14:05

Tgt Ion: 83 Resp: 73042
Ion Ratio Lower Upper
83 100
85 64.9 52.4 78.6





#31

Cyclohexane

Concen: 18.16 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0122WBSD01

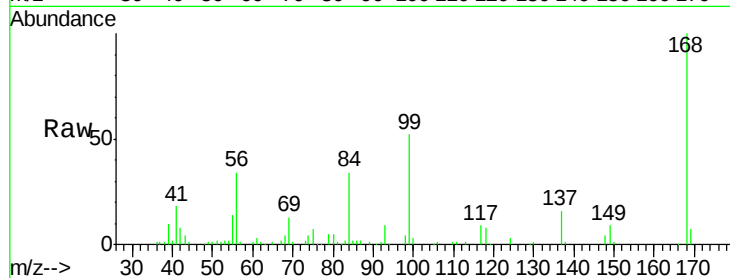
Tgt Ion: 56 Resp: 60449

Ion Ratio Lower Upper

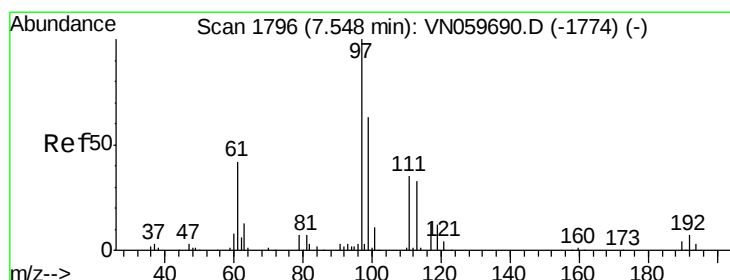
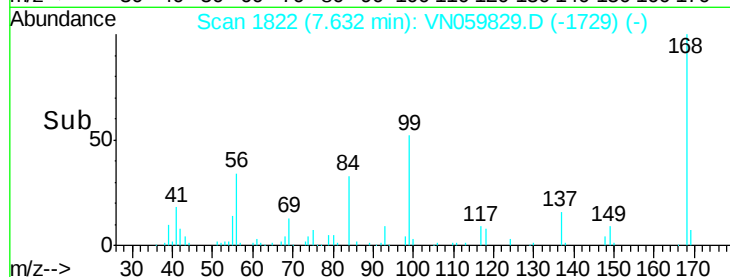
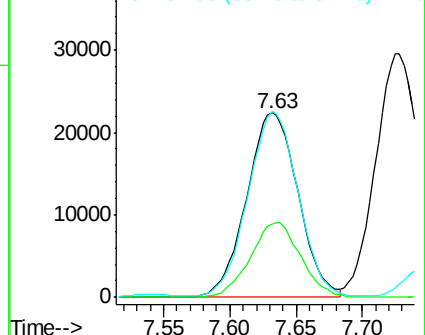
56 100

69 39.5 26.5 39.7

84 99.6 65.3 97.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 20.50 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

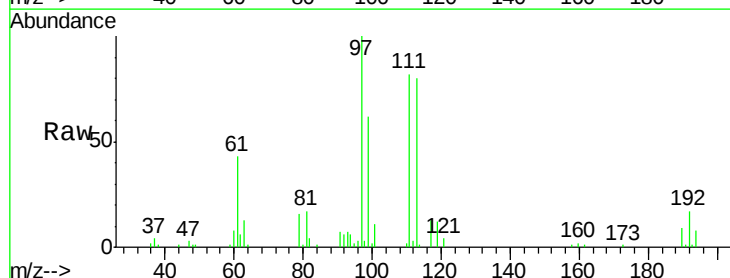
Tgt Ion: 97 Resp: 67944

Ion Ratio Lower Upper

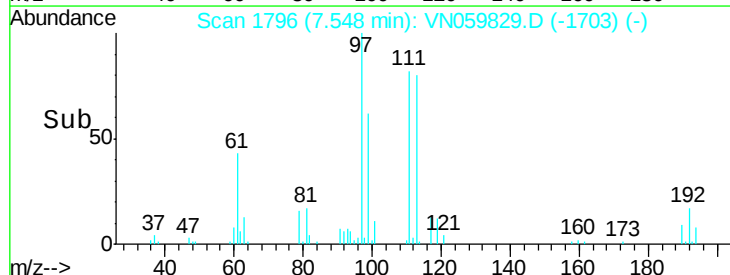
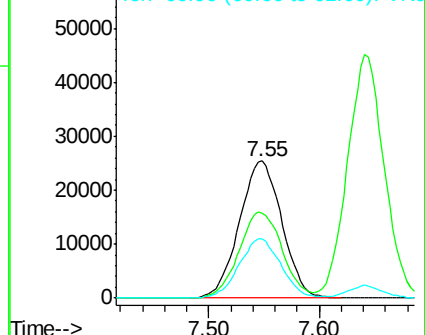
97 100

99 63.7 51.0 76.4

61 42.7 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

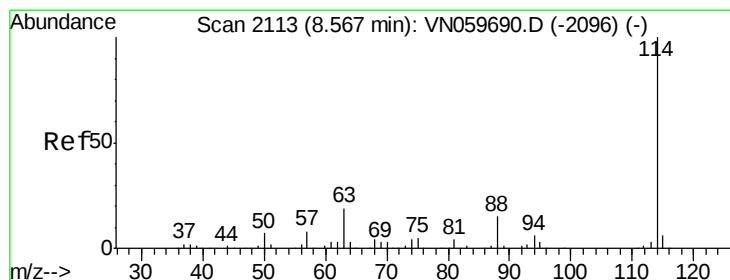
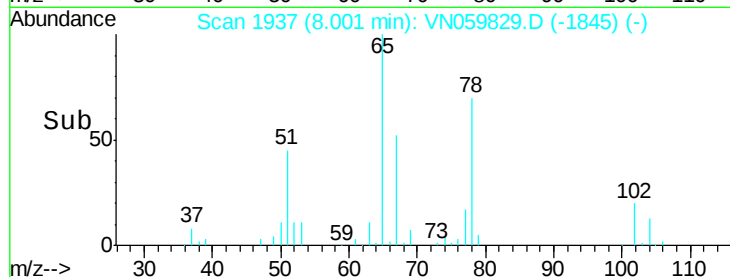
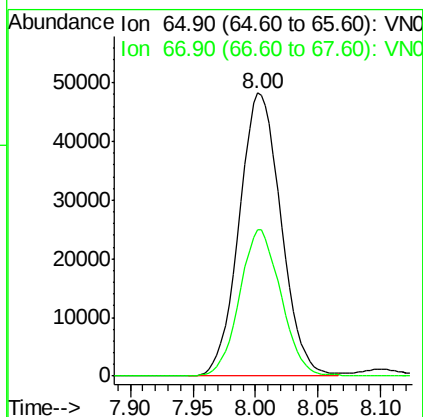
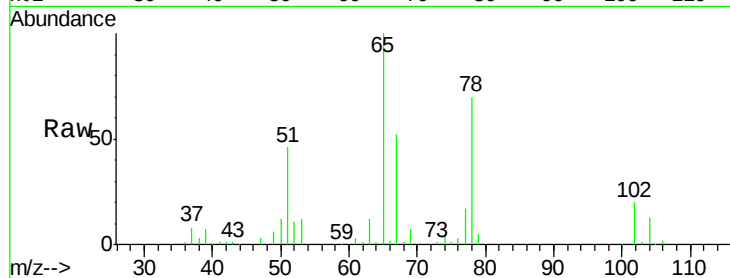




#33
 1,2-Dichloroethane-d4
 Concen: 49.78 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059829.D
 Acq: 22 Jan 2020 14:05

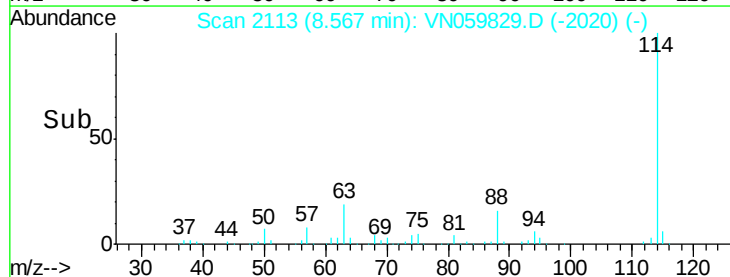
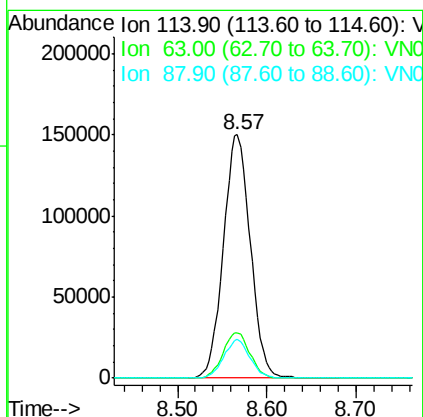
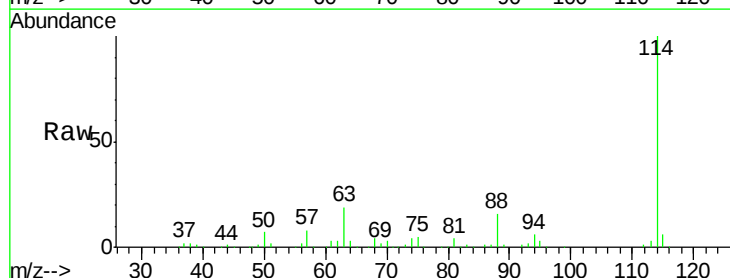
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122WBSD01

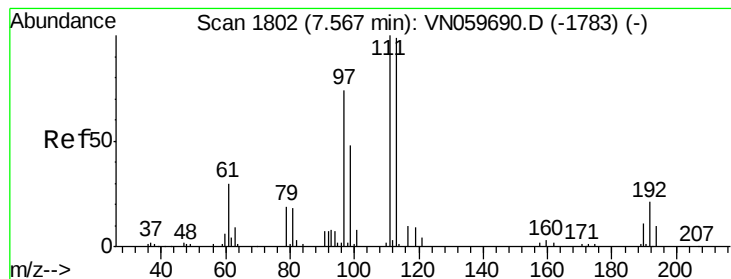
Tgt Ion: 65 Resp: 112014
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059829.D
 Acq: 22 Jan 2020 14:05

Tgt Ion: 114 Resp: 313656
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 43.6
 88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.25 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0122WBSD01

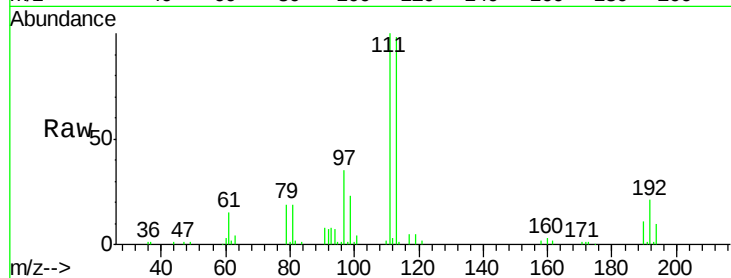
Tgt Ion:113 Resp: 93993

Ion Ratio Lower Upper

113 100

111 103.6 83.5 125.3

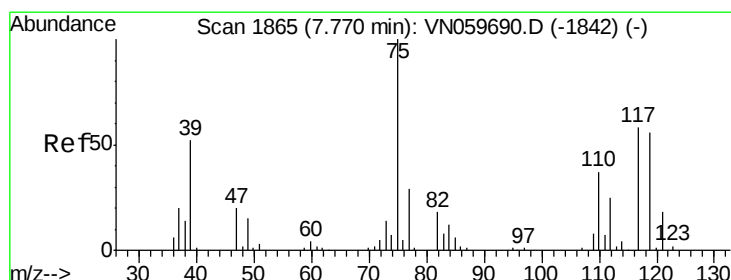
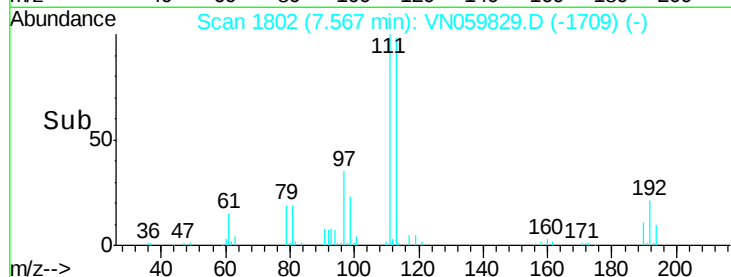
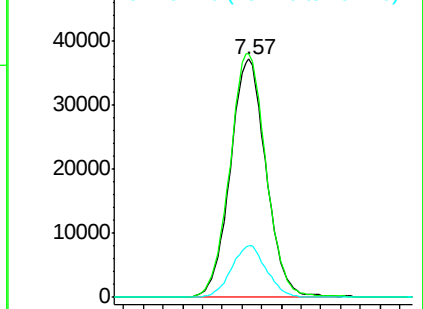
192 21.2 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.78 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

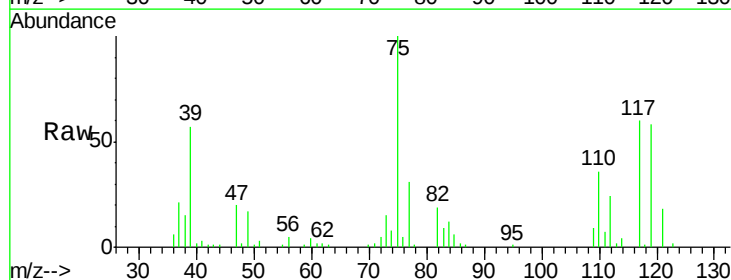
Tgt Ion: 75 Resp: 54041

Ion Ratio Lower Upper

75 100

110 36.5 16.6 49.7

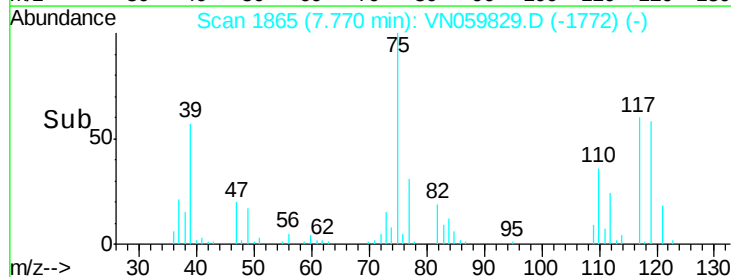
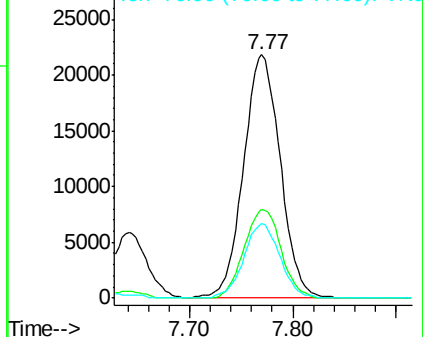
77 30.0 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

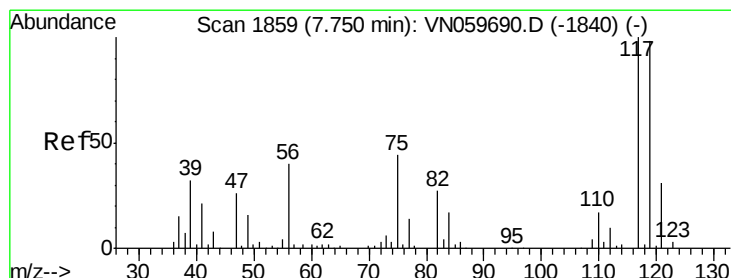
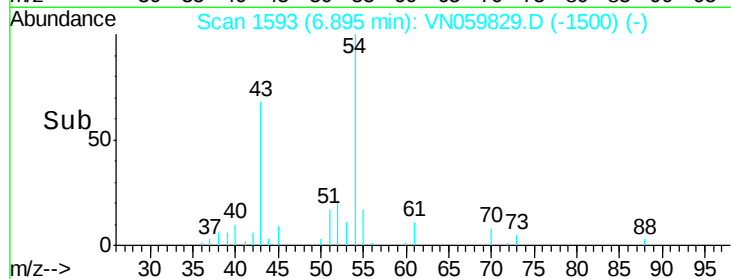
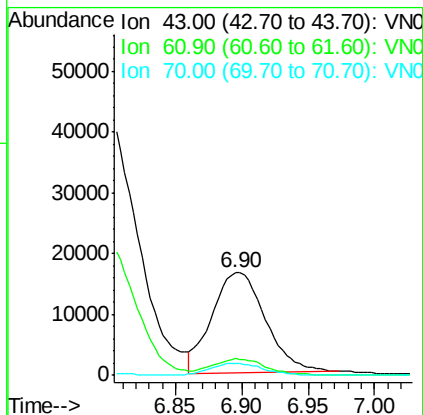
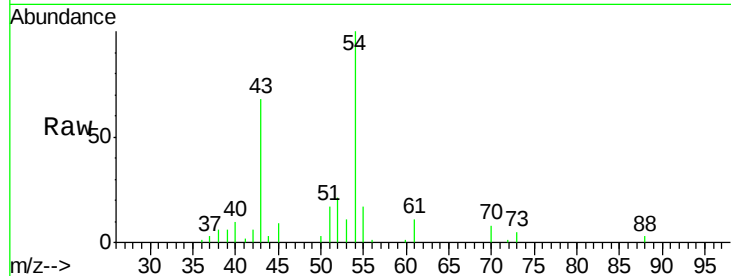




#37
 Ethyl Acetate
 Concen: 18.05 ug/l
 RT: 6.90 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: VN059829.D
 Acq: 22 Jan 2020 14:05

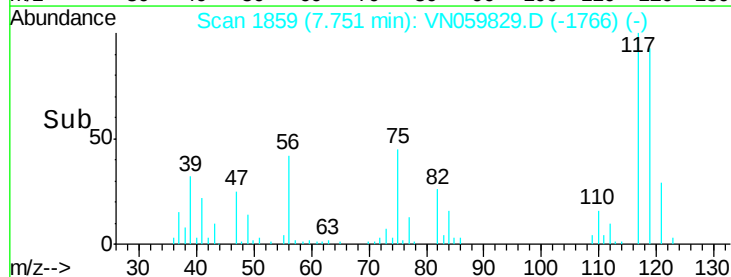
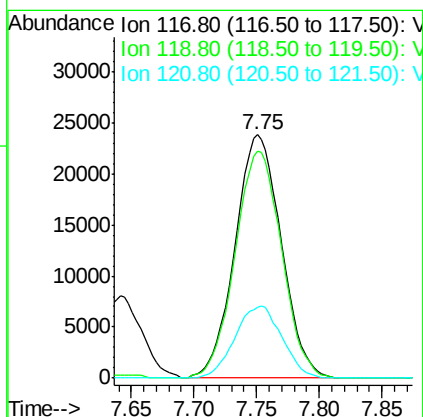
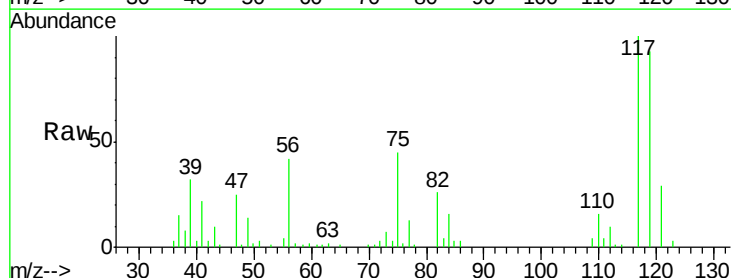
Instrument :
 MSVOA_N
 ClientSampled :
 VN0122WBSD01

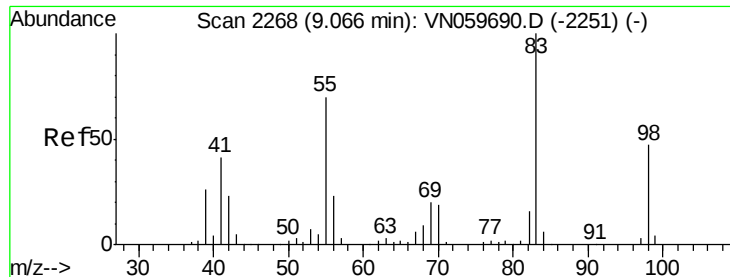
Tgt Ion: 43 Resp: 46240
 Ion Ratio Lower Upper
 43 100
 61 16.3 10.9 16.3
 70 11.5 7.7 11.5



#38
 Carbon Tetrachloride
 Concen: 20.52 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN059829.D
 Acq: 22 Jan 2020 14:05

Tgt Ion: 117 Resp: 60981
 Ion Ratio Lower Upper
 117 100
 119 93.3 76.5 114.7
 121 29.2 25.1 37.7

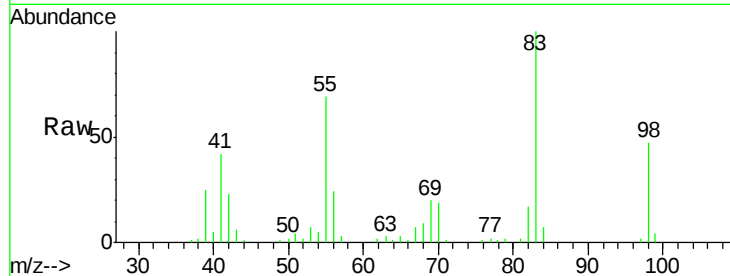




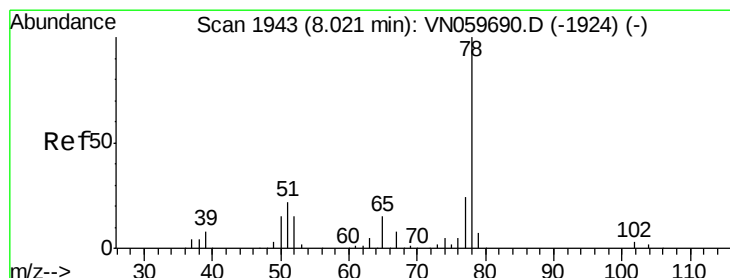
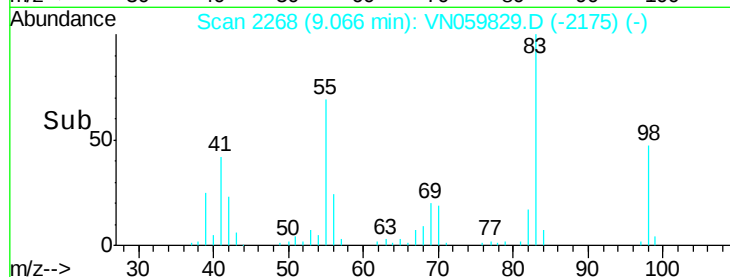
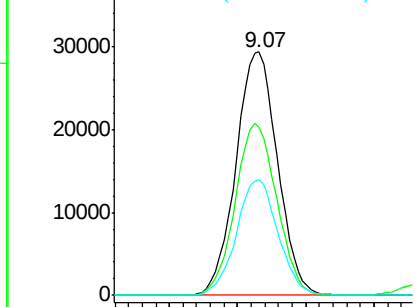
#39
Methylcyclohexane
Concen: 18.47 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059829.D
Acq: 22 Jan 2020 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD01

Tgt Ion: 83 Resp: 62210
Ion Ratio Lower Upper
83 100
55 69.1 64.2 96.2
98 47.2 35.9 53.9

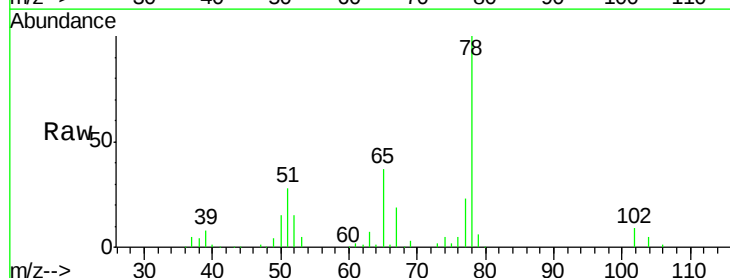


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

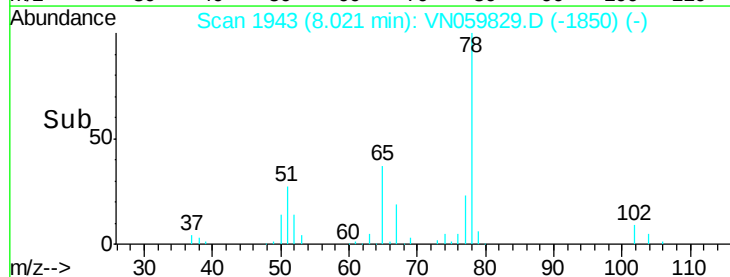
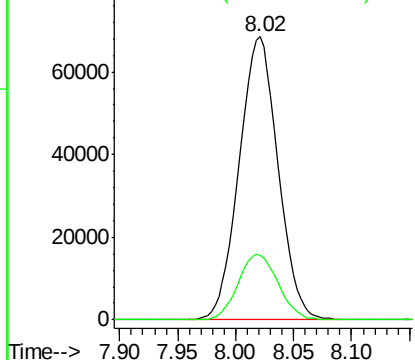


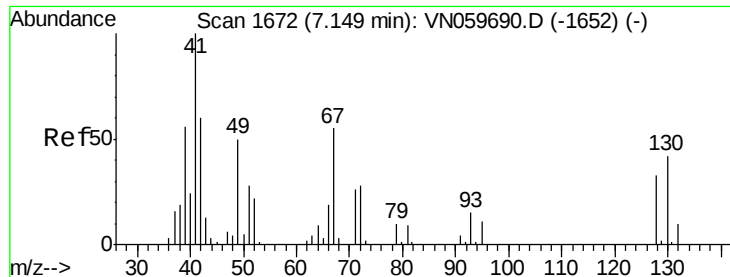
#40
Benzene
Concen: 19.67 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059829.D
Acq: 22 Jan 2020 14:05

Tgt Ion: 78 Resp: 160205
Ion Ratio Lower Upper
78 100
77 23.0 18.9 28.3



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

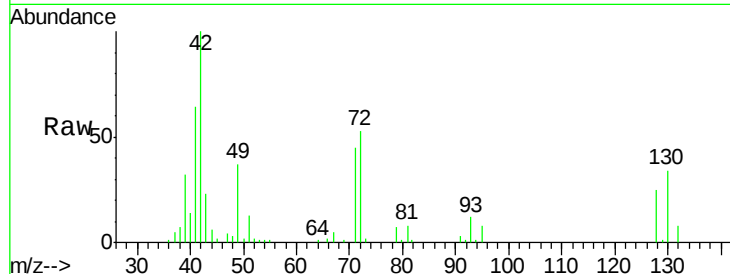




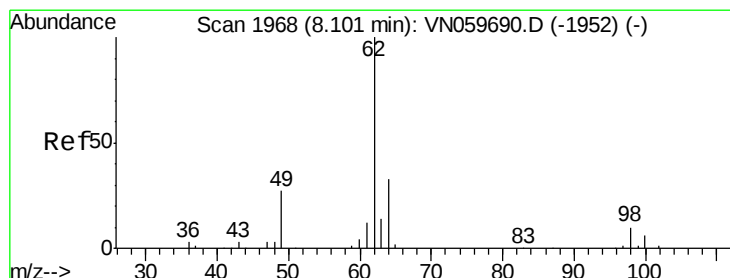
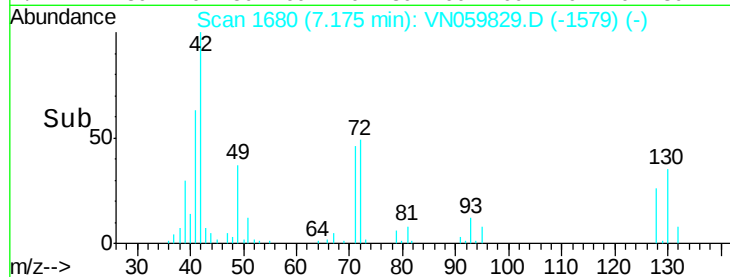
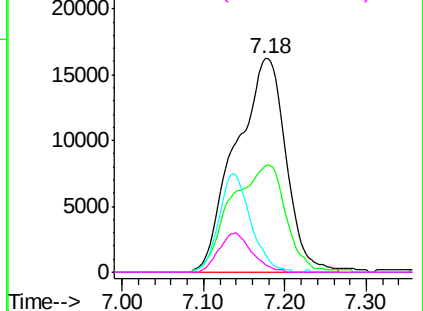
#41
Methacrylonitrile
Concen: 55.24 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN059829.D
Acq: 22 Jan 2020 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD01

Tgt Ion: 41 Resp: 69704
Ion Ratio Lower Upper
41 100
39 54.5 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

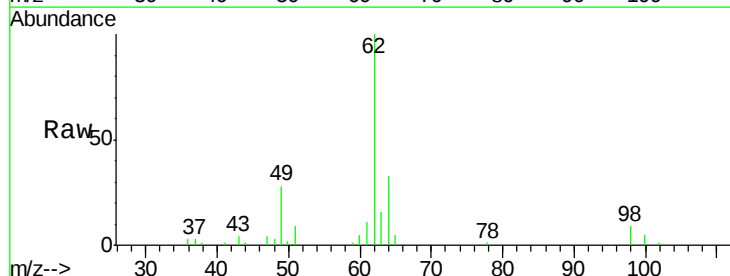


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

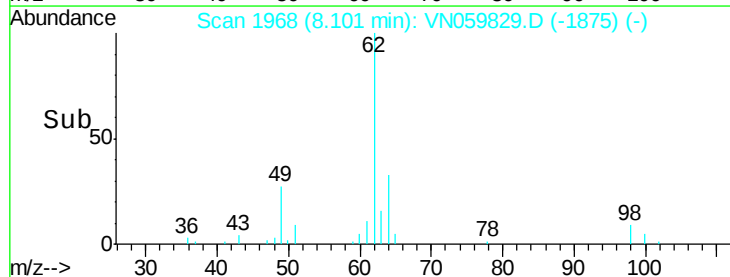
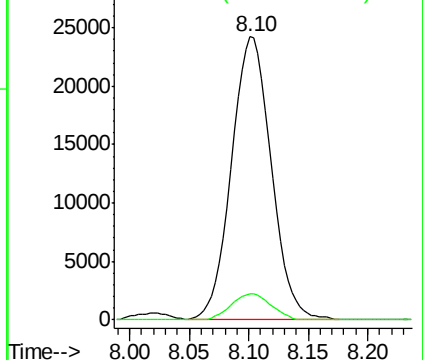


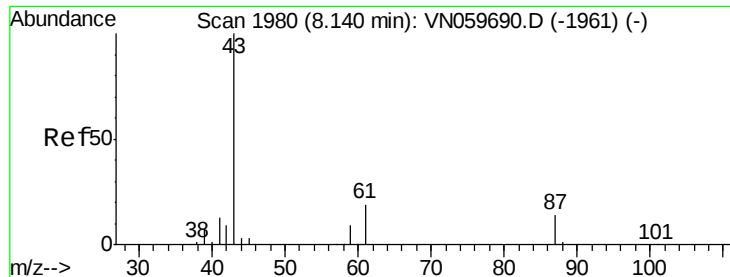
#42
1,2-Dichloroethane
Concen: 20.36 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059829.D
Acq: 22 Jan 2020 14:05

Tgt Ion: 62 Resp: 56241
Ion Ratio Lower Upper
62 100
98 9.1 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 18.96 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0122WBSD01

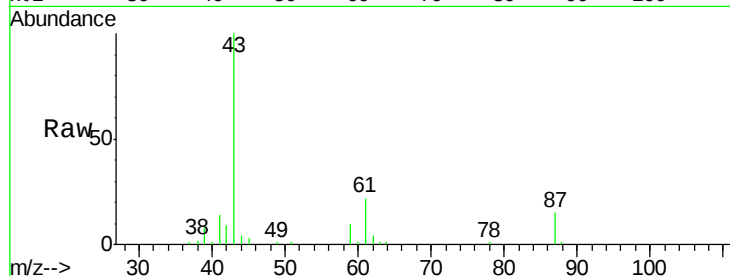
Tgt Ion: 43 Resp: 83550

Ion Ratio Lower Upper

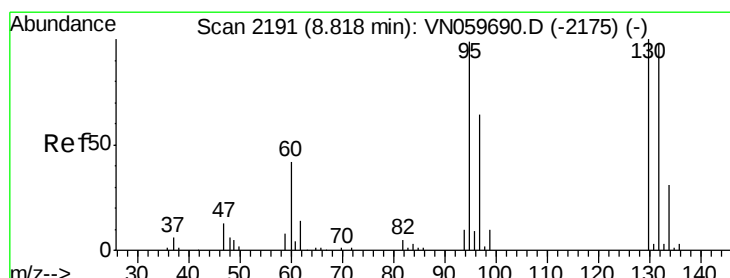
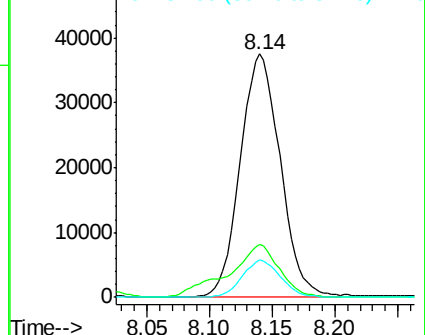
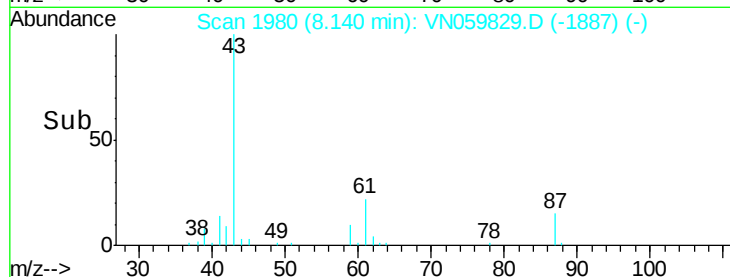
43 100

61 27.6 20.2 30.2

87 14.7 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059829.D (-1987) (-)



#44

Trichloroethene

Concen: 20.85 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059829.D

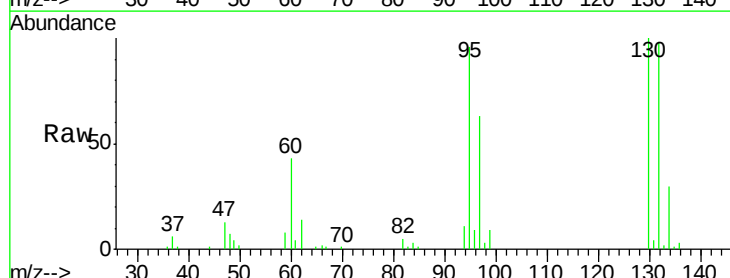
Acq: 22 Jan 2020 14:05

Tgt Ion: 130 Resp: 46357

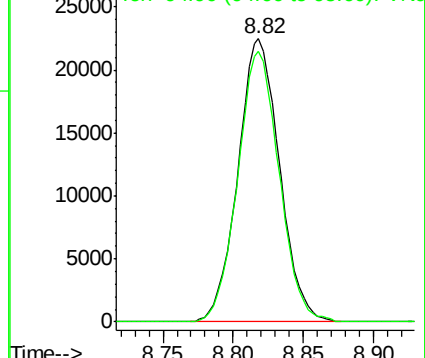
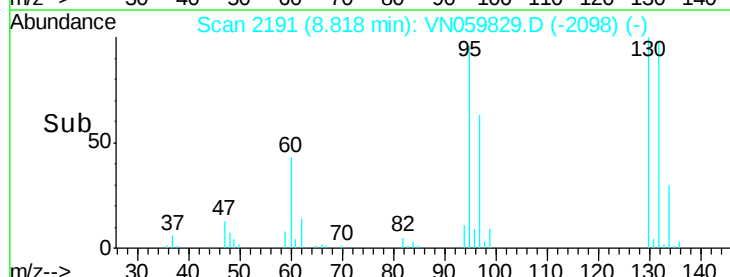
Ion Ratio Lower Upper

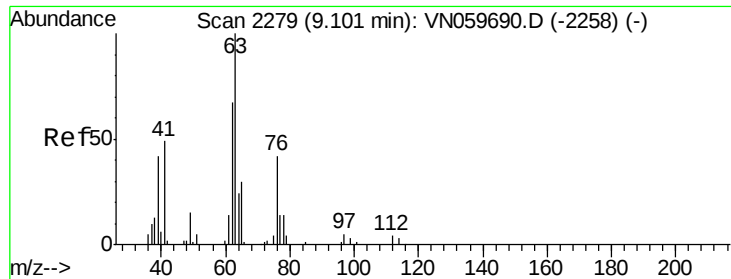
130 100

95 95.5 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059829.D (-2098) (-)





#45

1,2-Dichloropropane

Concen: 19.93 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

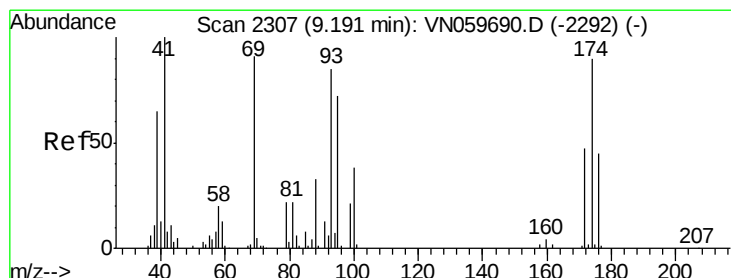
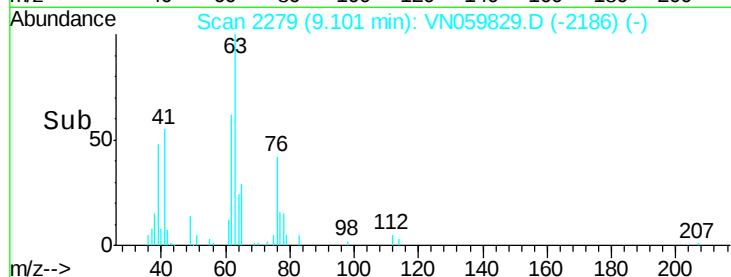
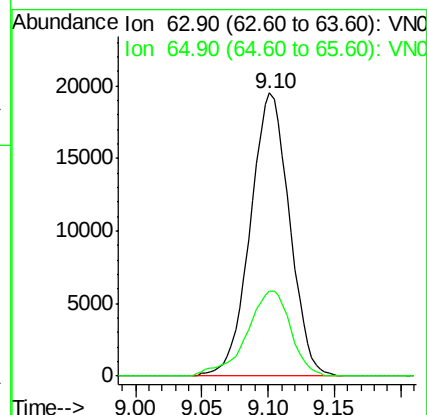
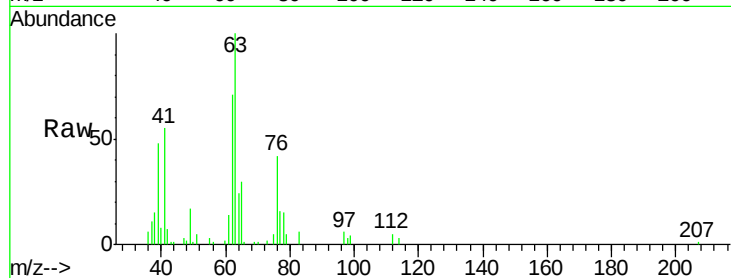
VN0122WBSD01

Tgt Ion: 63 Resp: 40167

Ion Ratio Lower Upper

63 100

65 29.8 24.9 37.3



#46

Dibromomethane

Concen: 19.91 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

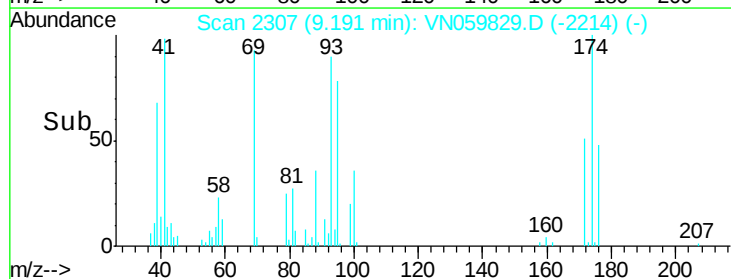
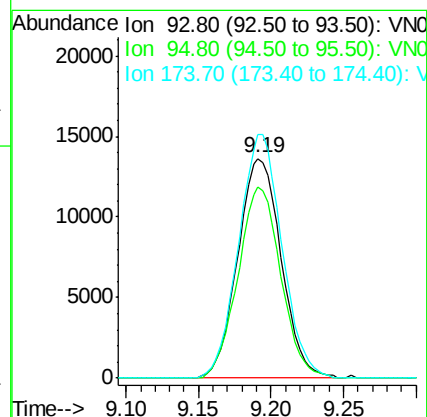
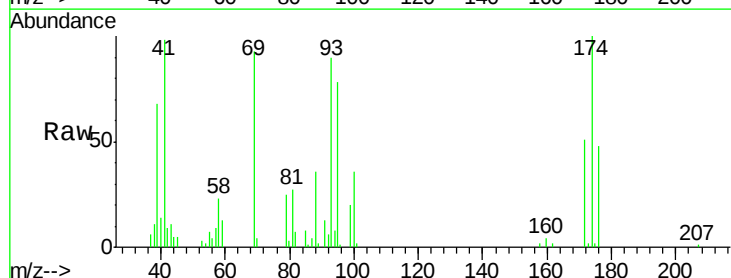
Tgt Ion: 93 Resp: 28306

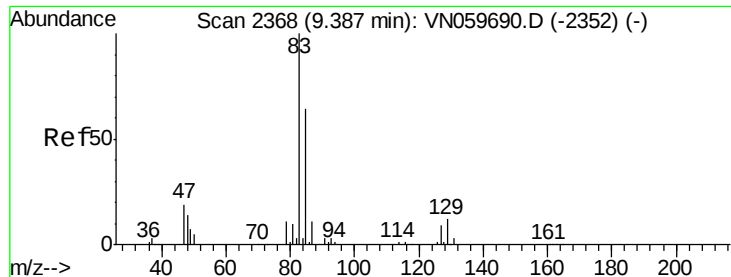
Ion Ratio Lower Upper

93 100

95 85.8 67.0 100.6

174 110.7 73.4 110.2#

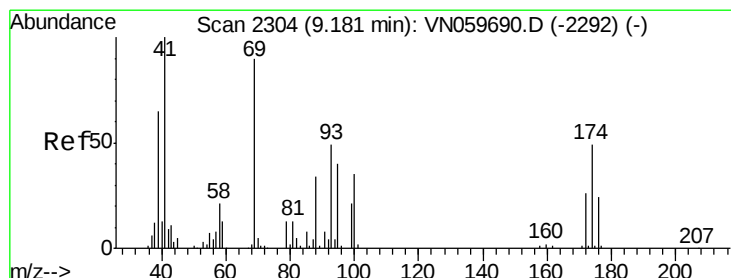
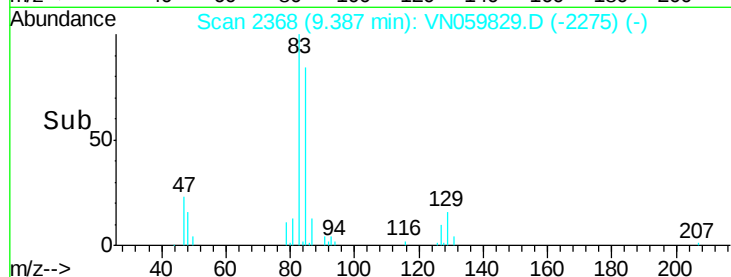
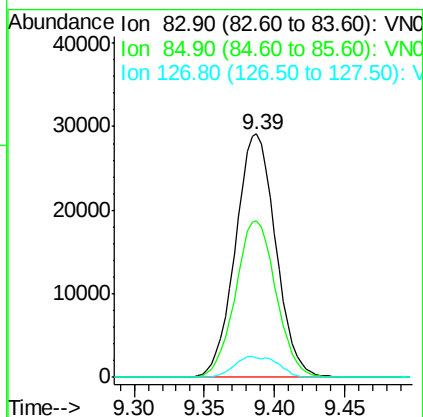
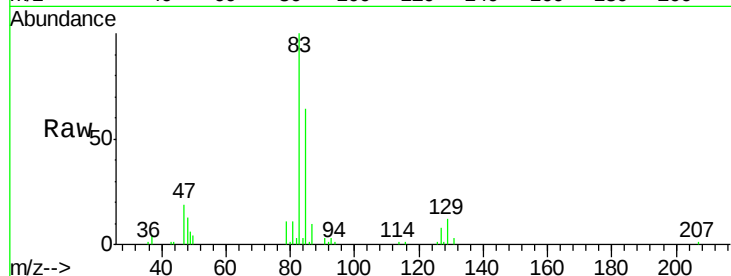




#47
Bromodichloromethane
Concen: 20.32 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN059829.D
Acq: 22 Jan 2020 14:05

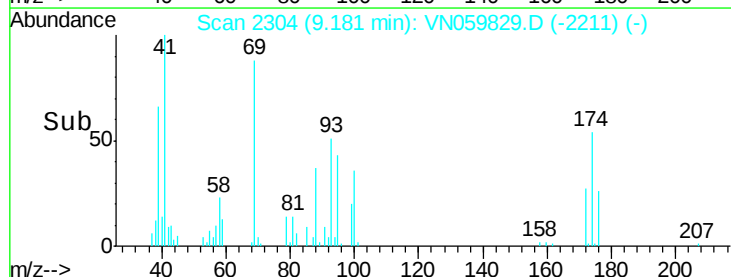
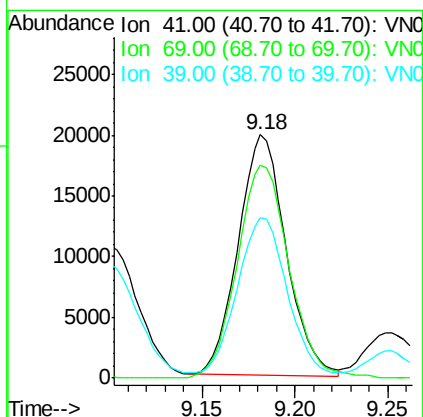
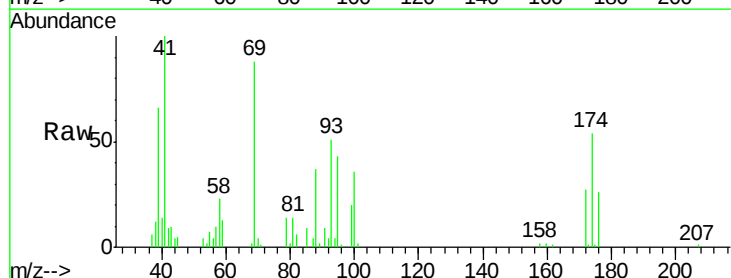
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD01

Tgt Ion: 83 Resp: 58236
Ion Ratio Lower Upper
83 100
85 64.1 51.1 76.7
127 8.0 6.6 9.8



#48
Methyl methacrylate
Concen: 18.10 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059829.D
Acq: 22 Jan 2020 14:05

Tgt Ion: 41 Resp: 35679
Ion Ratio Lower Upper
41 100
69 95.9 64.4 96.6
39 70.9 51.3 76.9

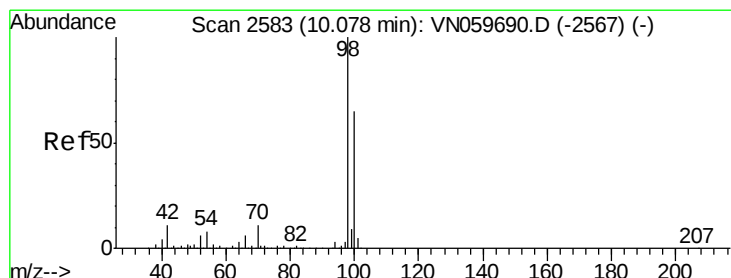
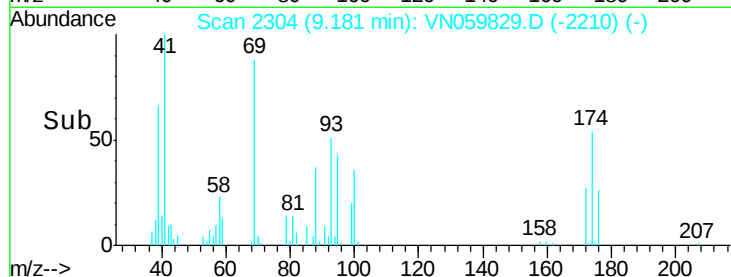
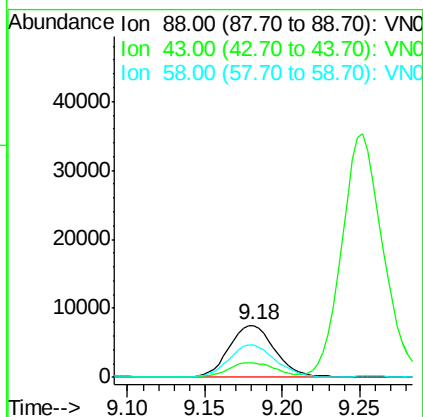
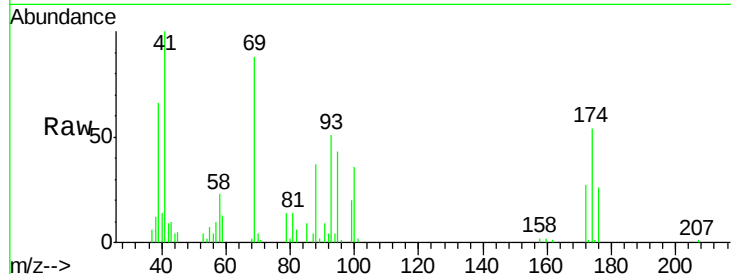




#49
1,4-Dioxane
Concen: 429.58 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059829.D
Acq: 22 Jan 2020 14:05

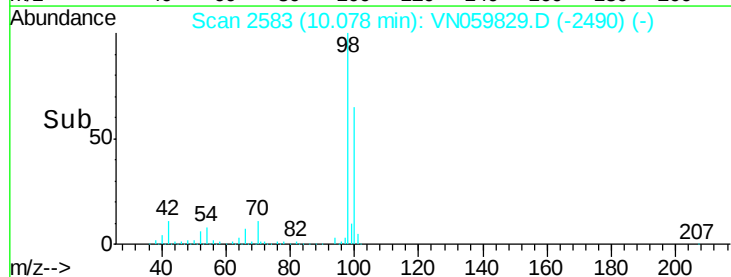
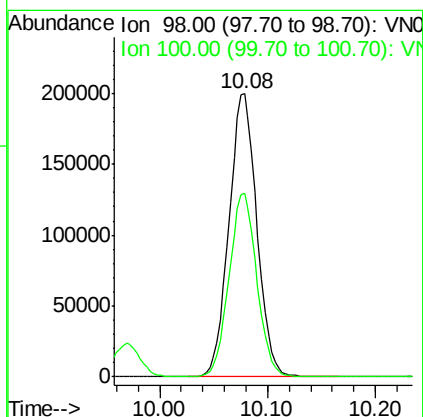
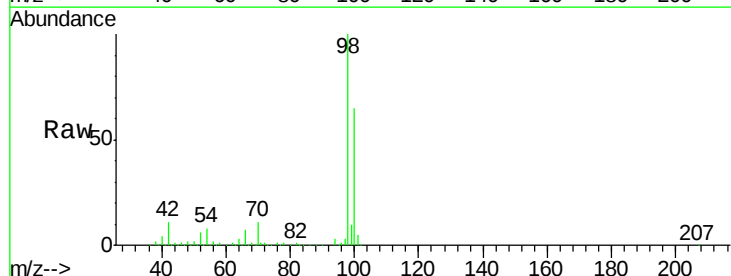
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD01

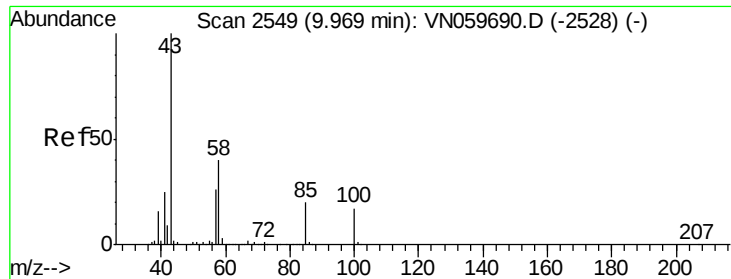
Tgt Ion: 88 Resp: 15500
Ion Ratio Lower Upper
88 100
43 29.1 29.7 44.5#
58 63.2 56.6 85.0



#50
Toluene-d8
Concen: 49.64 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059829.D
Acq: 22 Jan 2020 14:05

Tgt Ion: 98 Resp: 359769
Ion Ratio Lower Upper
98 100
100 64.5 51.2 76.8

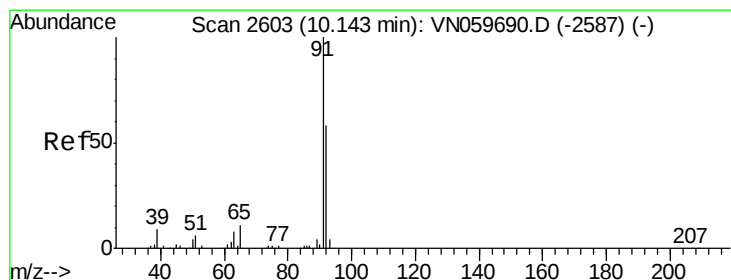
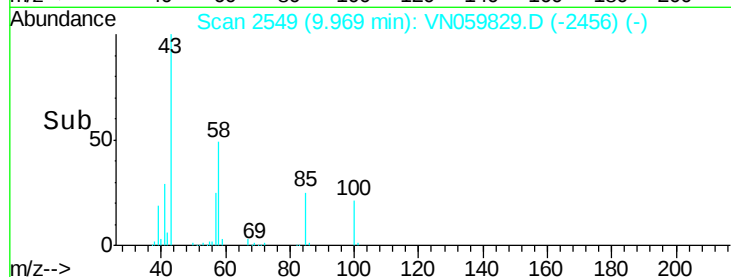
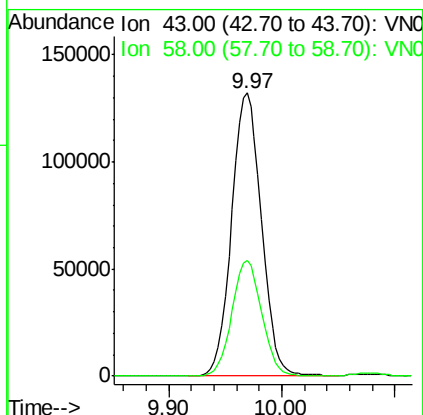
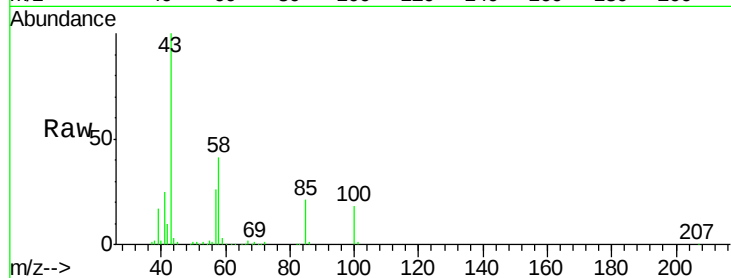




#51
4-Methyl-2-Pentanone
Concen: 95.39 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. 0.00 min
Lab File: VN059829.D
Acq: 22 Jan 2020 14:05

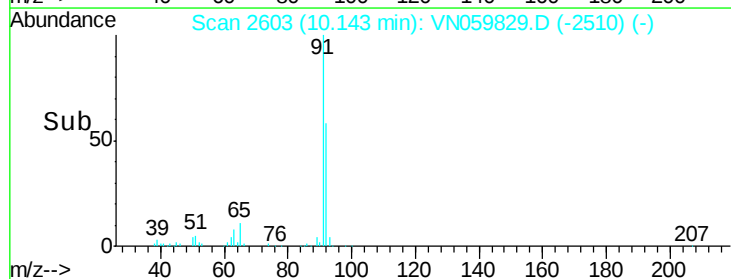
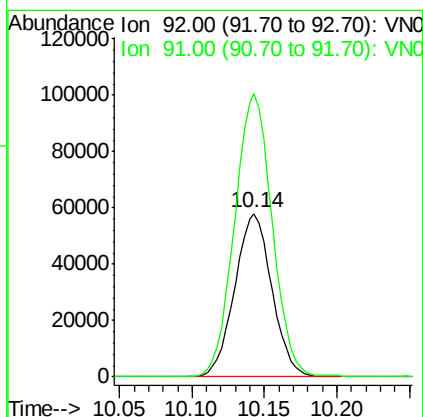
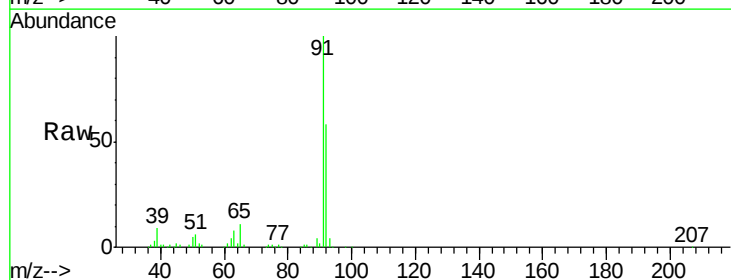
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD01

Tgt Ion: 43 Resp: 242988
Ion Ratio Lower Upper
43 100
58 40.8 29.8 44.8



#52
Toluene
Concen: 20.00 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. 0.00 min
Lab File: VN059829.D
Acq: 22 Jan 2020 14:05

Tgt Ion: 92 Resp: 102920
Ion Ratio Lower Upper
92 100
91 175.8 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 19.56 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

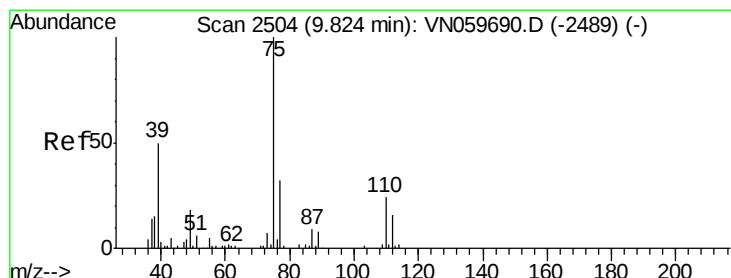
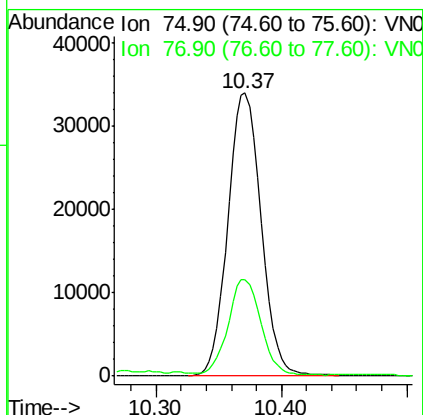
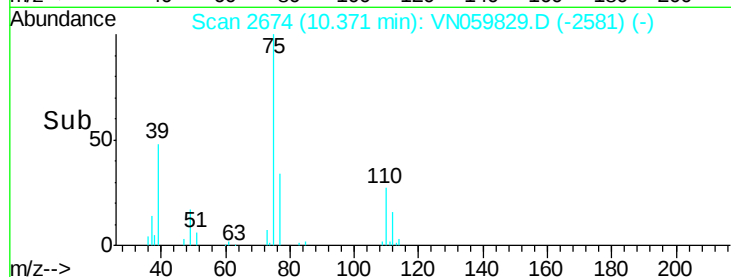
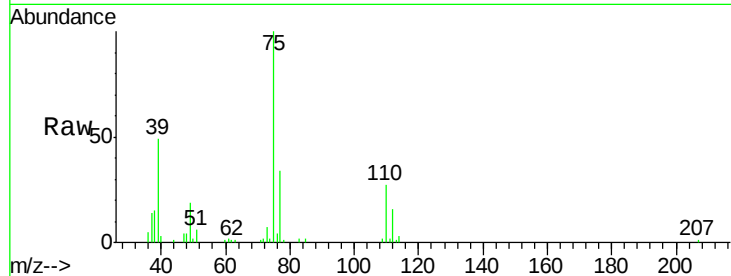
VN0122WBSD01

Tgt Ion: 75 Resp: 62589

Ion Ratio Lower Upper

75 100

77 33.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.19 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

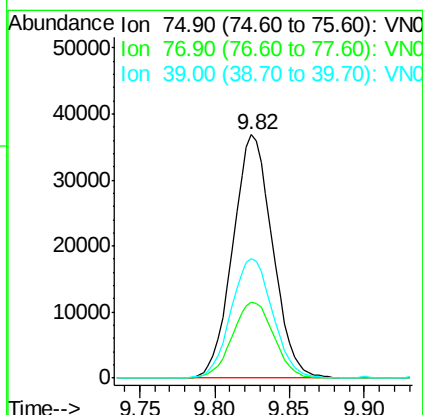
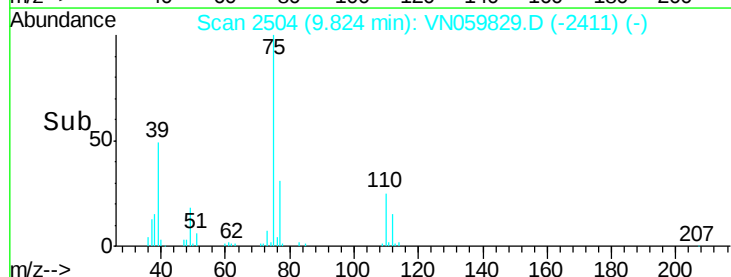
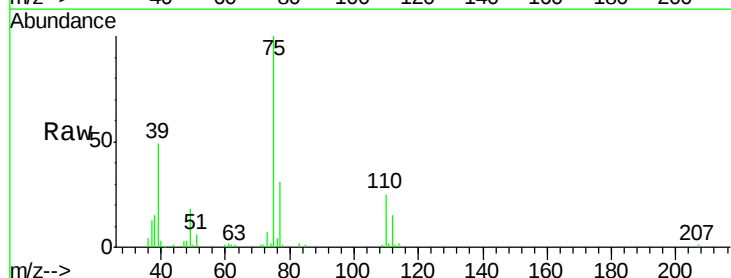
Tgt Ion: 75 Resp: 67975

Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7

39 49.3 46.1 69.1

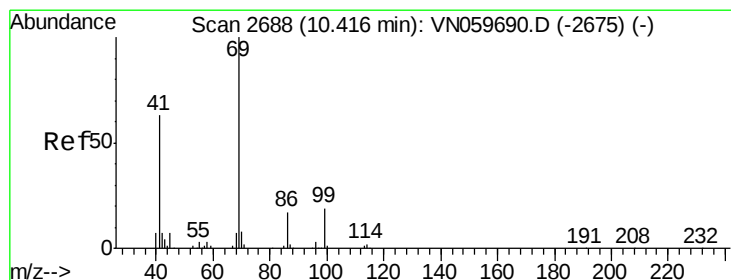
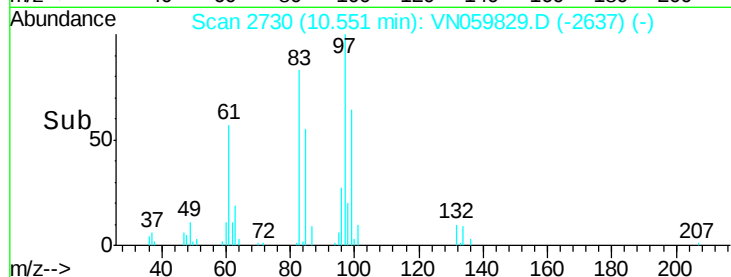
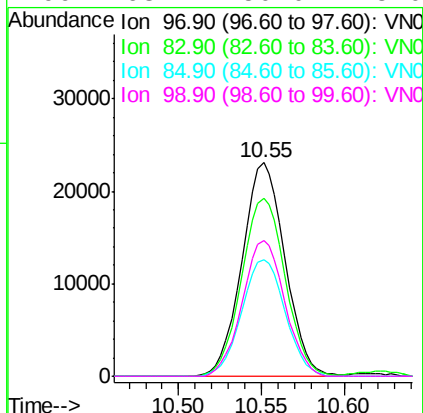
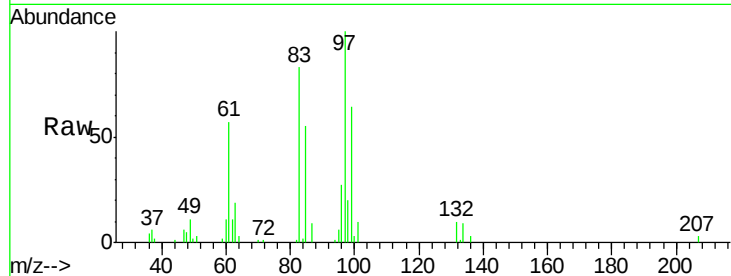




#55
 1,1,2-Trichloroethane
 Concen: 20.44 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059829.D
 Acq: 22 Jan 2020 14:05

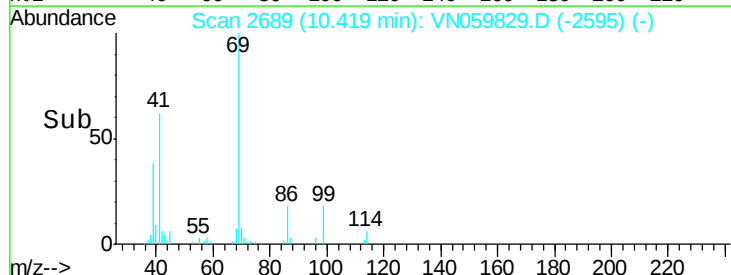
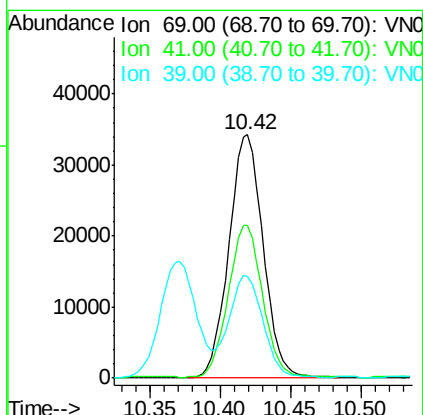
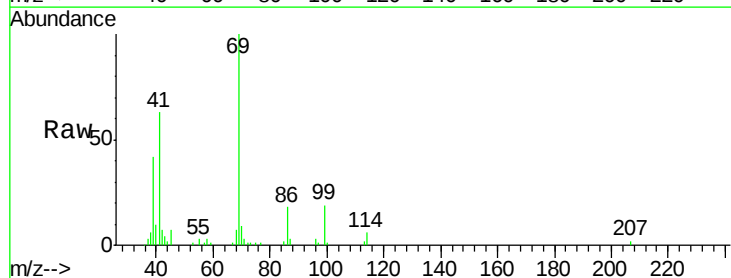
Instrument :
 MSVOA_N
 ClientSampled :
 VN0122WBSD01

Tgt Ion: 97 Resp: 41652
 Ion Ratio Lower Upper
 97 100
 83 83.3 71.3 106.9
 85 54.5 45.8 68.8
 99 63.7 50.0 75.0



#56
 Ethyl methacrylate
 Concen: 18.80 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. 0.00 min
 Lab File: VN059829.D
 Acq: 22 Jan 2020 14:05

Tgt Ion: 69 Resp: 58533
 Ion Ratio Lower Upper
 69 100
 41 63.5 57.1 85.7
 39 42.9 34.7 52.1





#57

1,3-Dichloropropane

Concen: 20.61 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. 0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

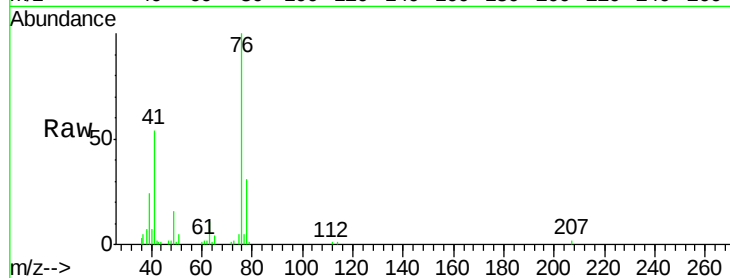
VN0122WBSD01

Tgt Ion: 76 Resp: 66672

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.70

40000

30000

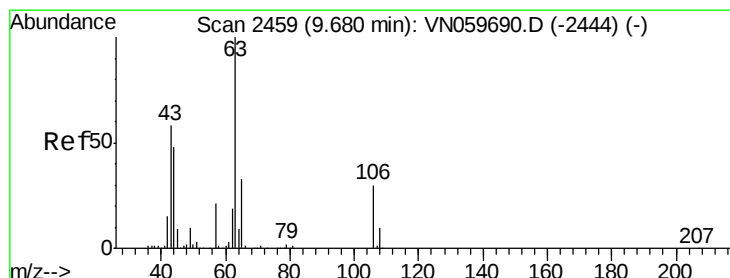
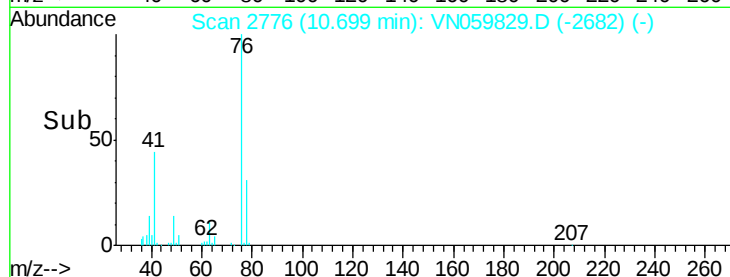
20000

10000

0

Time-->

10.65 10.70 10.75



#58

2-Chloroethyl Vinyl ether

Concen: 98.84 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059829.D

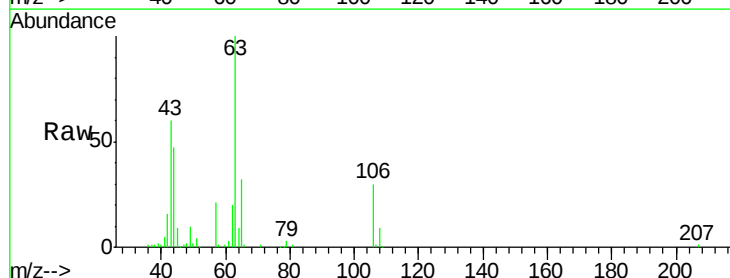
Acq: 22 Jan 2020 14:05

Tgt Ion: 63 Resp: 92708

Ion Ratio Lower Upper

63 100

106 29.9 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.68

60000

50000

40000

30000

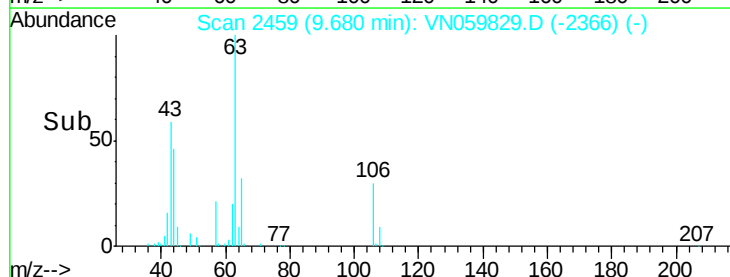
20000

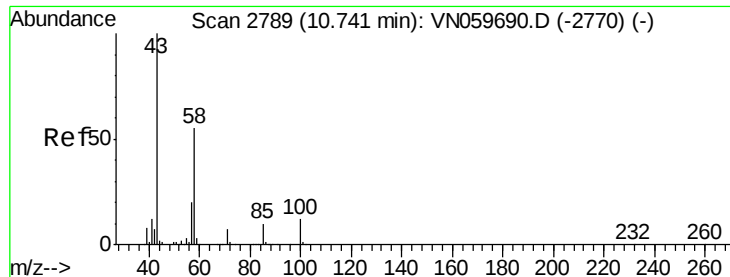
10000

0

Time-->

9.60 9.65 9.70 9.75 9.80





#59

2-Hexanone

Concen: 94.28 ug/l

RT: 10.74 min Scan# 2789

Delta R.T. 0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

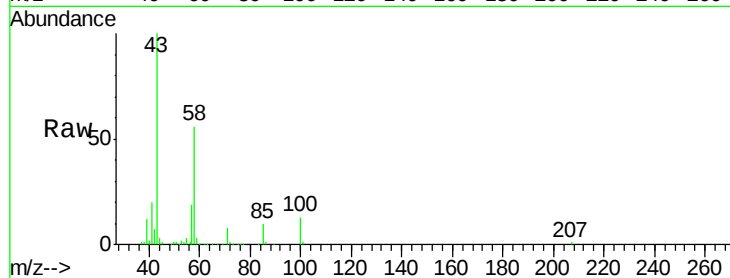
VN0122WBSD01

Tgt Ion: 43 Resp: 176916

Ion Ratio Lower Upper

43 100

58 56.3 25.8 77.3

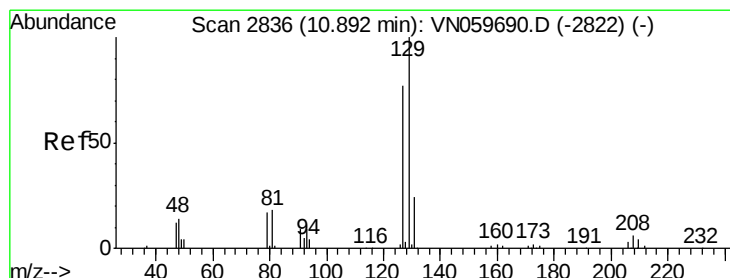
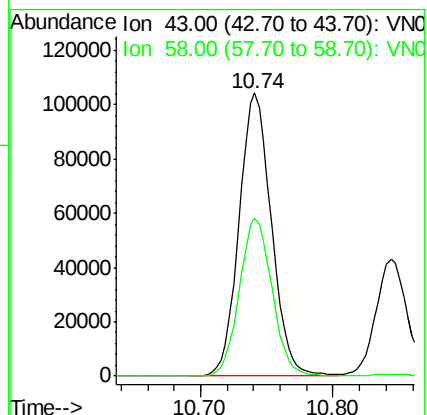
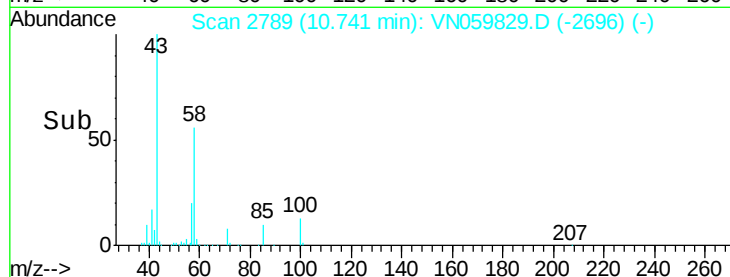


Abundance Ion 43.00 (42.70 to 43.70): VN059690.D (-2770) (-)

Ion 58.00 (57.70 to 58.70): VN059690.D (-2770) (-)

10.74

10.70 10.80



#60

Dibromochloromethane

Concen: 20.21 ug/l

RT: 10.89 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN059829.D

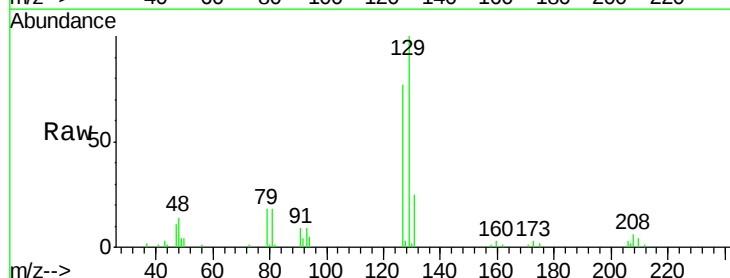
Acq: 22 Jan 2020 14:05

Tgt Ion: 129 Resp: 46896

Ion Ratio Lower Upper

129 100

127 76.2 38.5 115.5

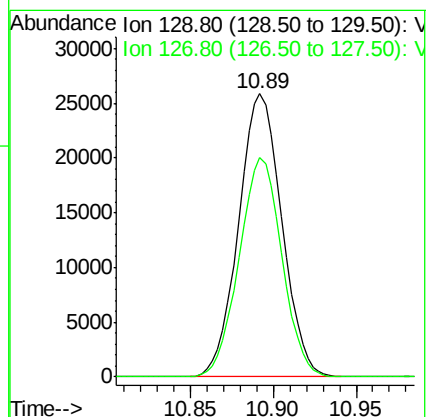
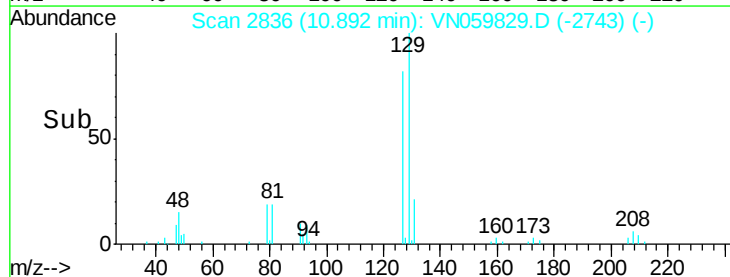


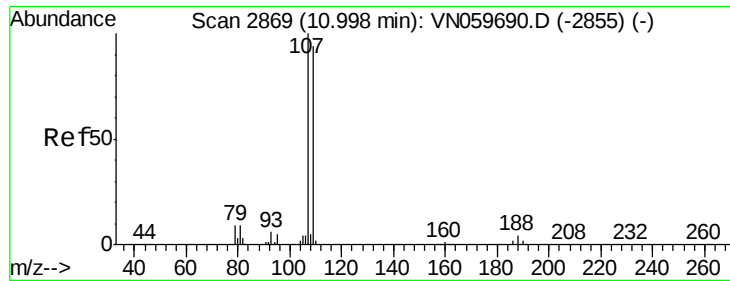
Abundance Ion 128.80 (128.50 to 129.50): VN059690.D (-2822) (-)

Ion 126.80 (126.50 to 127.50): VN059690.D (-2822) (-)

10.89

10.85 10.95





#61

1,2-Dibromoethane

Concen: 20.31 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. -0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

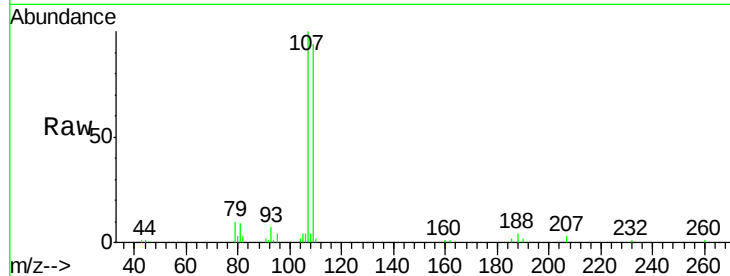
VN0122WBSD01

Tgt Ion: 107 Resp: 43375

Ion Ratio Lower Upper

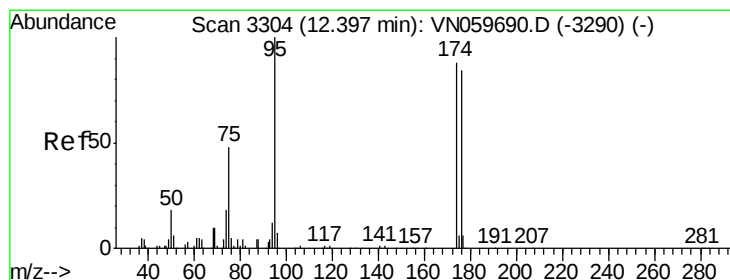
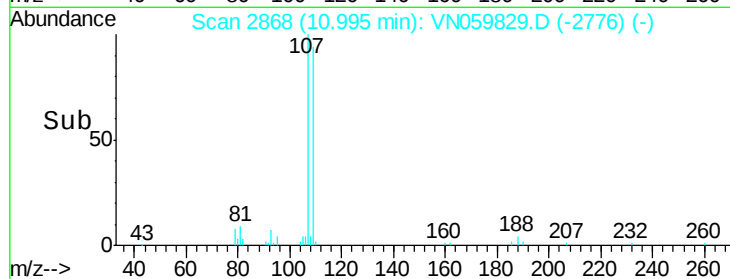
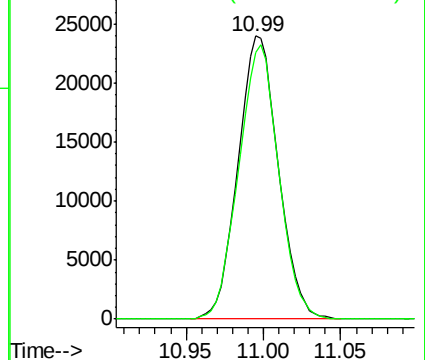
107 100

109 96.2 76.6 115.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.79 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

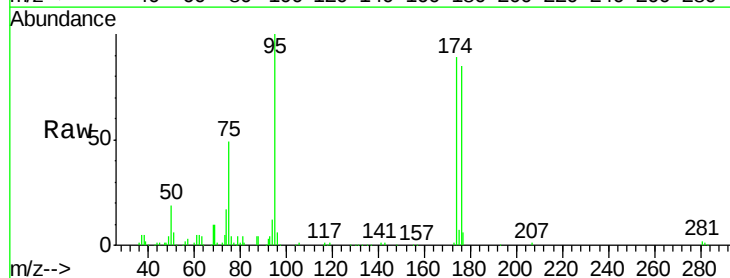
Tgt Ion: 95 Resp: 124858

Ion Ratio Lower Upper

95 100

174 89.1 0.0 151.4

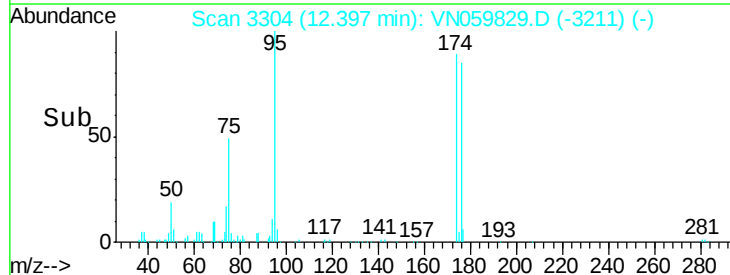
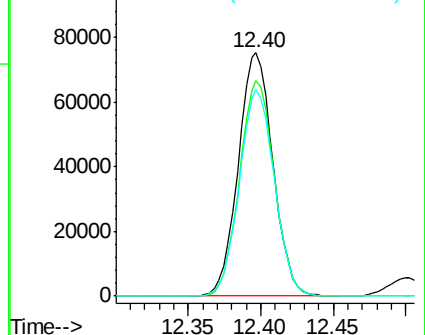
176 85.7 0.0 146.0

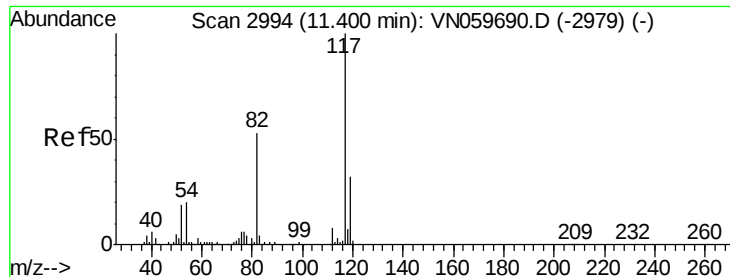


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

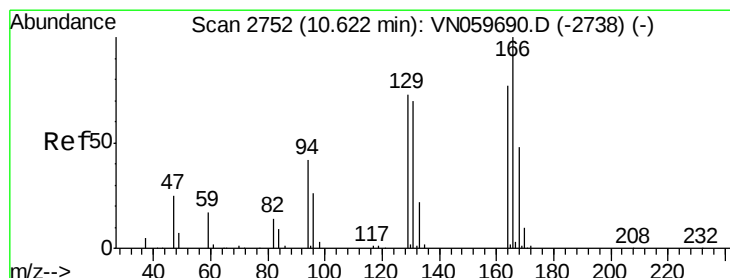
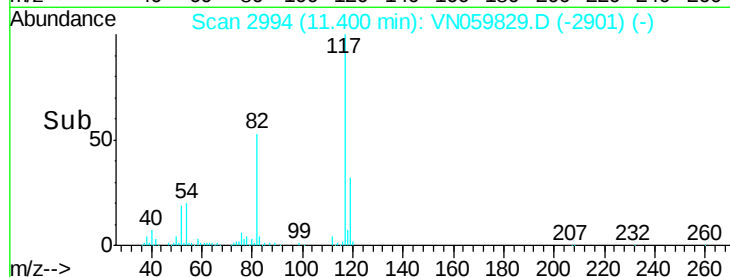
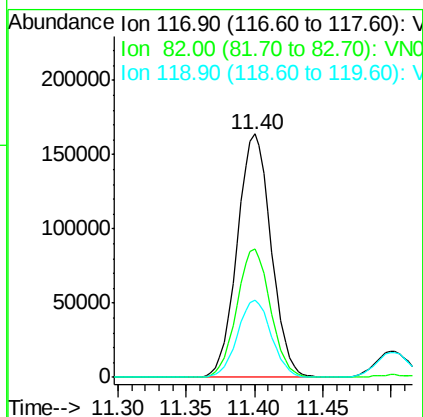
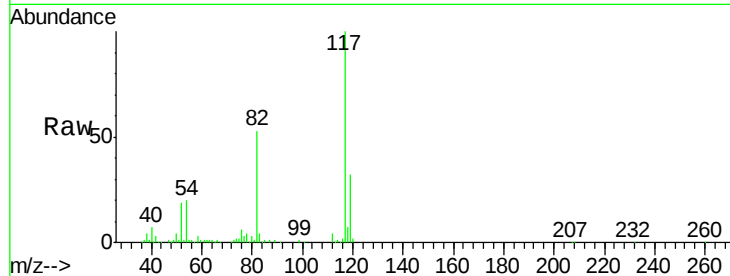




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059829.D
Acq: 22 Jan 2020 14:05

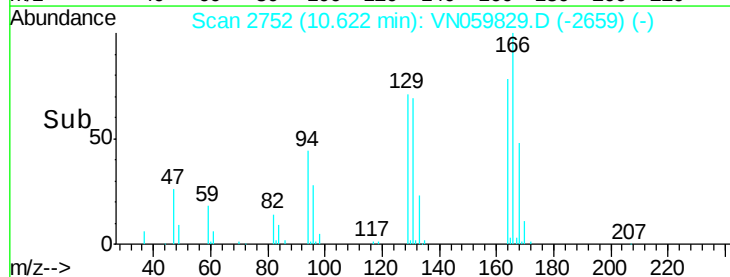
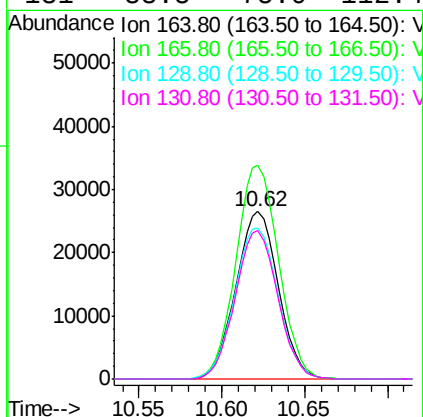
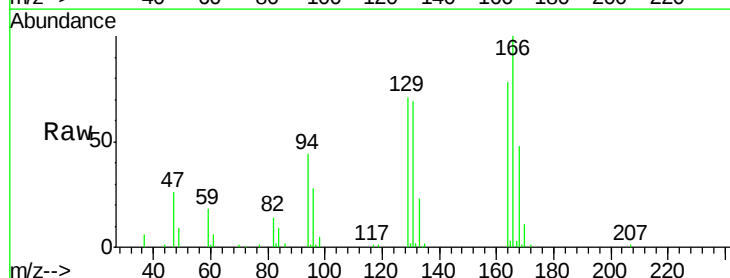
Instrument :
MSVOA_N
ClientSampled :
VN0122WBSD01

Tgt Ion:117 Resp: 283044
Ion Ratio Lower Upper
117 100
82 52.7 45.9 68.9
119 31.6 25.5 38.3



#64
Tetrachloroethene
Concen: 20.45 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059829.D
Acq: 22 Jan 2020 14:05

Tgt Ion:164 Resp: 47176
Ion Ratio Lower Upper
164 100
166 127.6 101.4 152.0
129 90.0 80.2 120.4
131 88.5 75.0 112.4

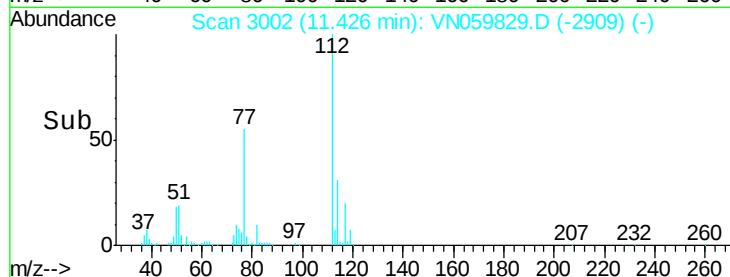
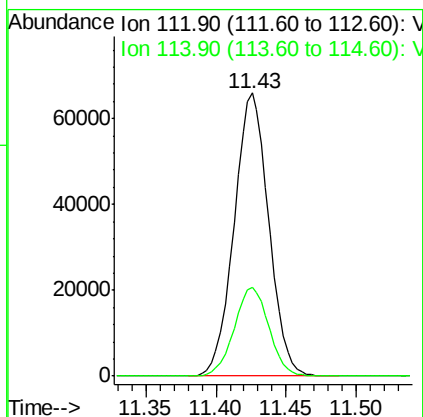
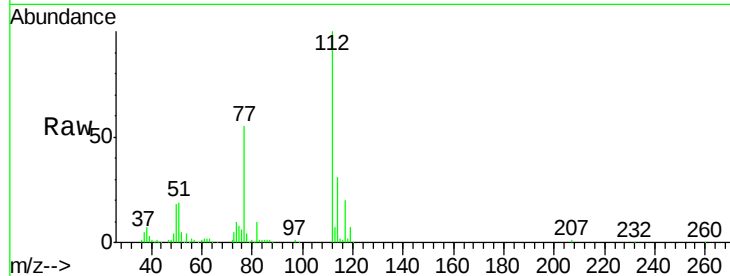




#65
Chlorobenzene
Concen: 20.33 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059829.D
Acq: 22 Jan 2020 14:05

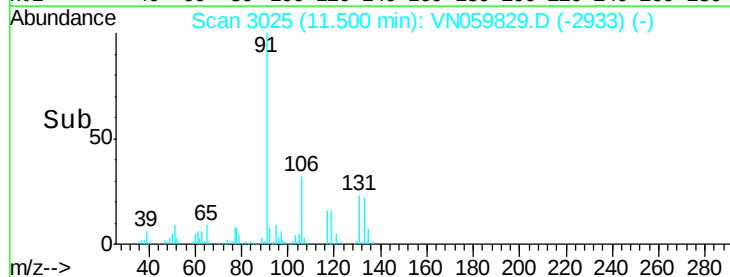
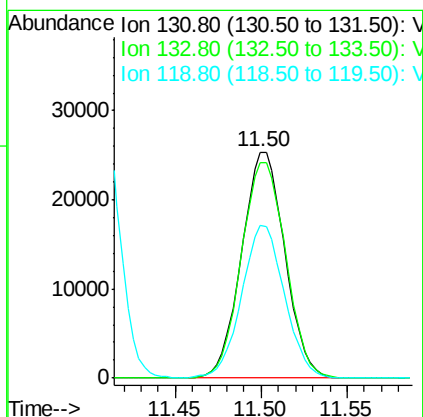
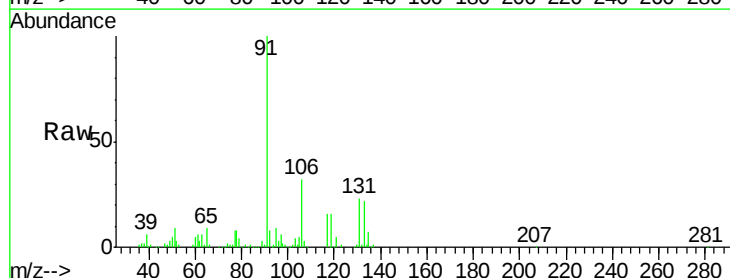
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD01

Tgt Ion:112 Resp: 113084
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.54 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN059829.D
Acq: 22 Jan 2020 14:05

Tgt Ion:131 Resp: 44157
Ion Ratio Lower Upper
131 100
133 98.3 47.4 142.2
119 67.1 33.1 99.3

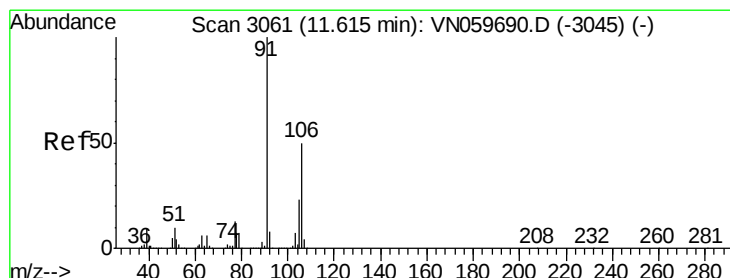
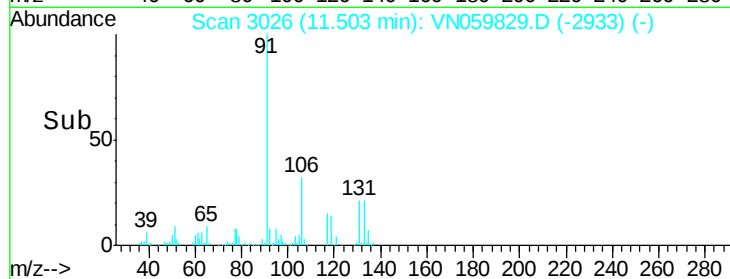
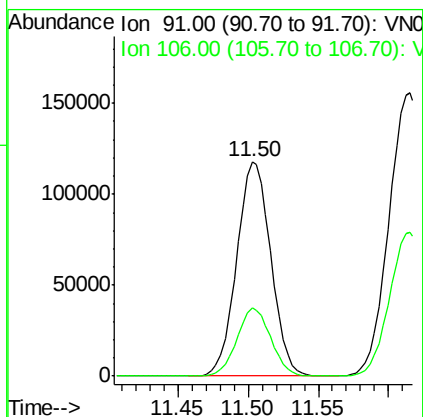
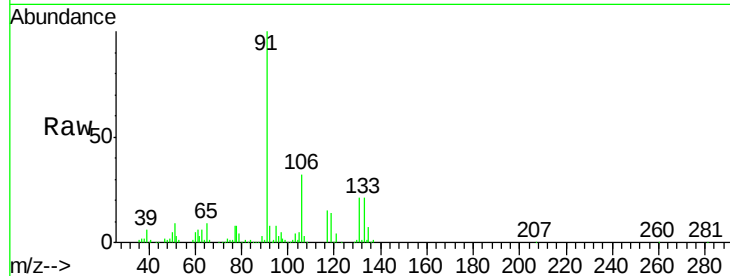




#67
Ethyl Benzene
Concen: 19.81 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059829.D
Acq: 22 Jan 2020 14:05

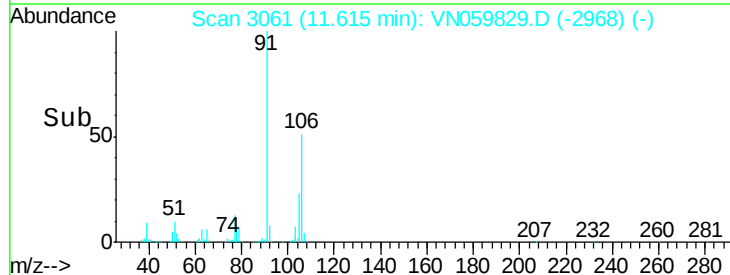
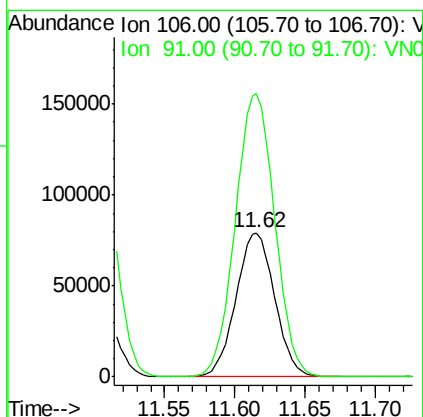
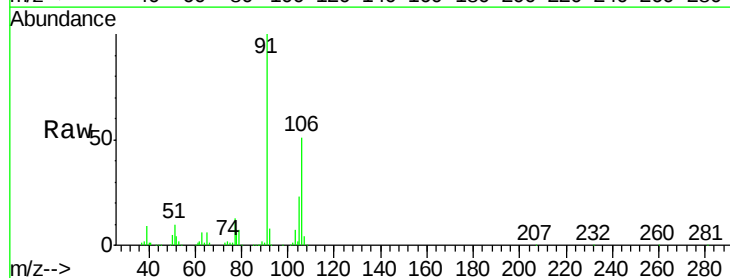
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD01

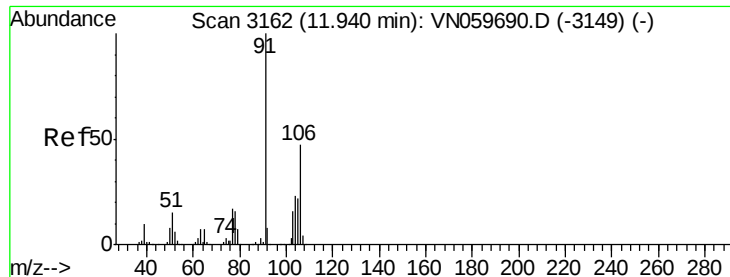
Tgt Ion: 91 Resp: 200052
Ion Ratio Lower Upper
91 100
106 31.6 24.1 36.1



#68
m/p-Xylenes
Concen: 39.91 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN059829.D
Acq: 22 Jan 2020 14:05

Tgt Ion: 106 Resp: 152264
Ion Ratio Lower Upper
106 100
91 200.0 167.9 251.9

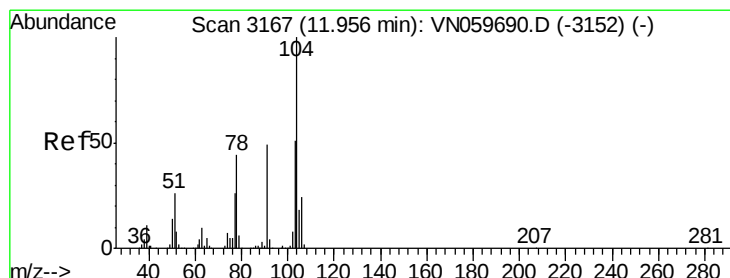
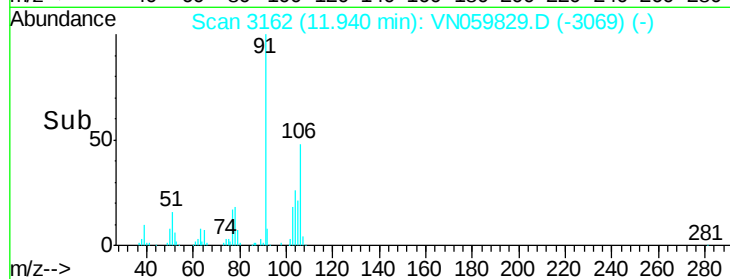
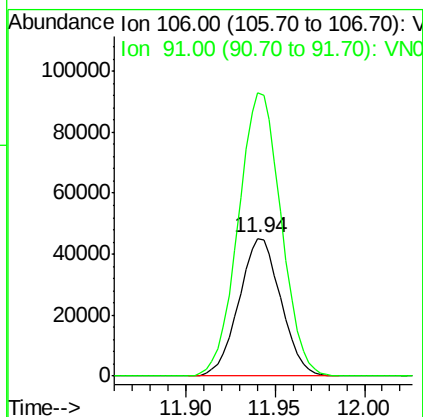
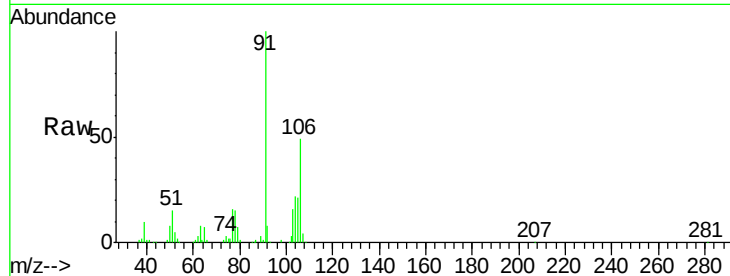




#69
o-Xylene
Concen: 19.89 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059829.D
Acq: 22 Jan 2020 14:05

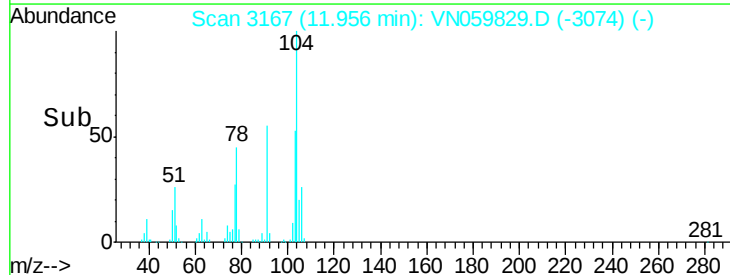
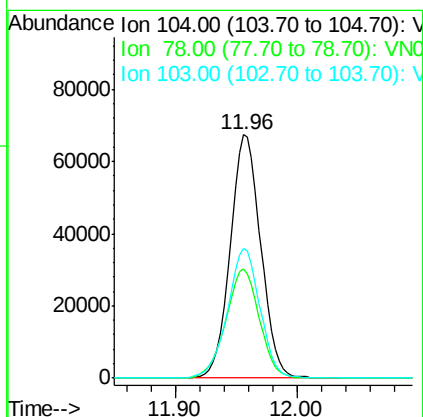
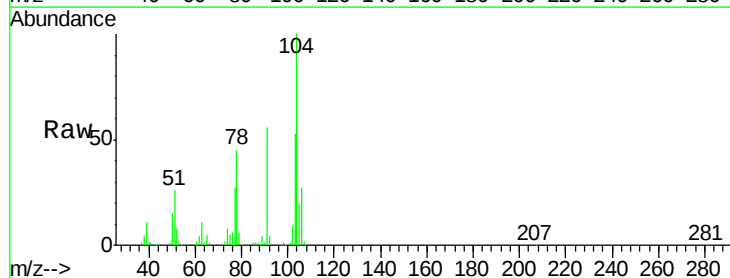
Instrument :
MSVOA_N
ClientSampled :
VN0122WBSD01

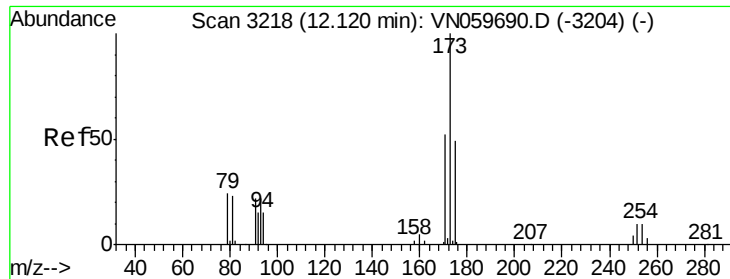
Tgt Ion:106 Resp: 74274
Ion Ratio Lower Upper
106 100
91 210.3 110.3 330.9



#70
Styrene
Concen: 18.78 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059829.D
Acq: 22 Jan 2020 14:05

Tgt Ion:104 Resp: 117339
Ion Ratio Lower Upper
104 100
78 49.2 42.4 63.6
103 56.6 43.9 65.9

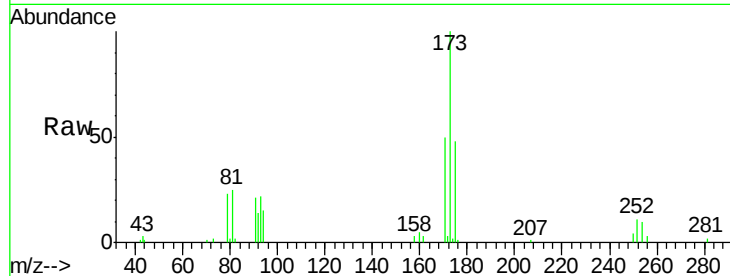




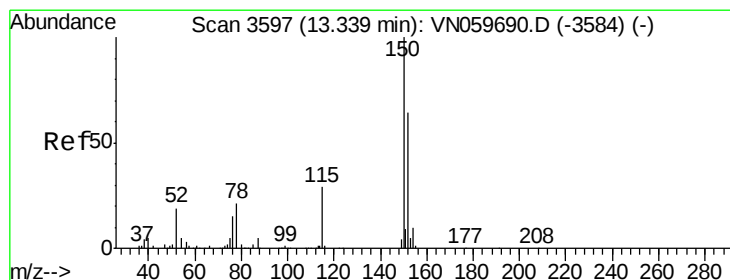
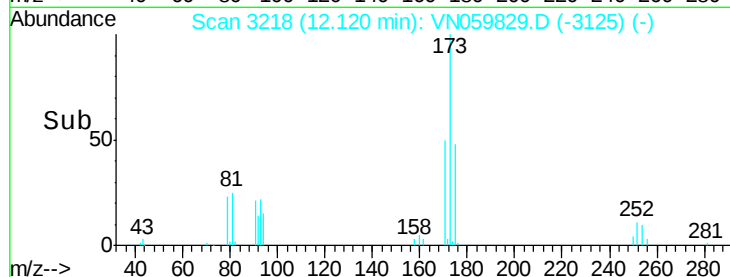
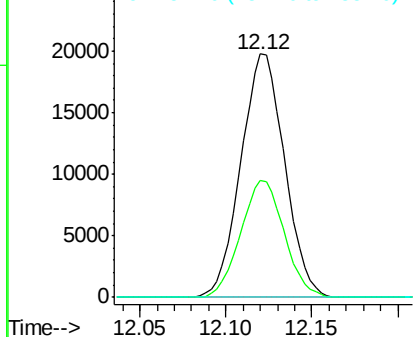
#71
Bromoform
Concen: 20.29 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059829.D
Acq: 22 Jan 2020 14:05

Instrument :
MSVOA_N
ClientSampled :
VN0122WBSD01

Tgt Ion:173 Resp: 34930
Ion Ratio Lower Upper
173 100
175 47.7 23.8 71.4
254 0.0 0.0 0.0

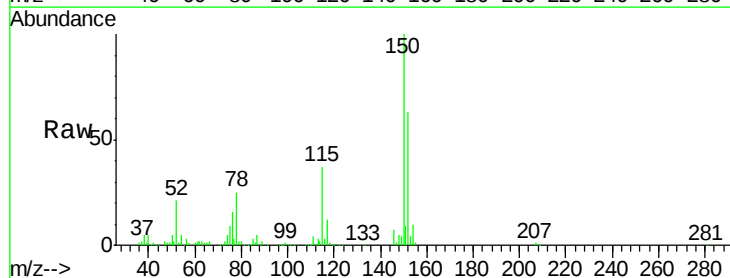


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

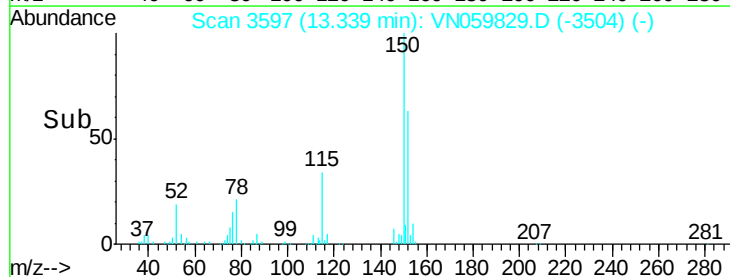
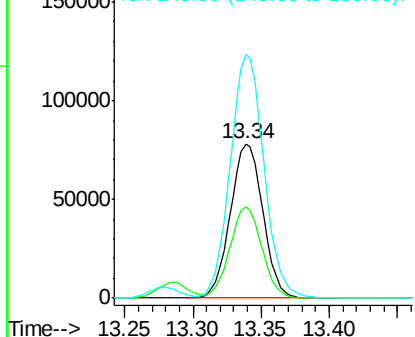


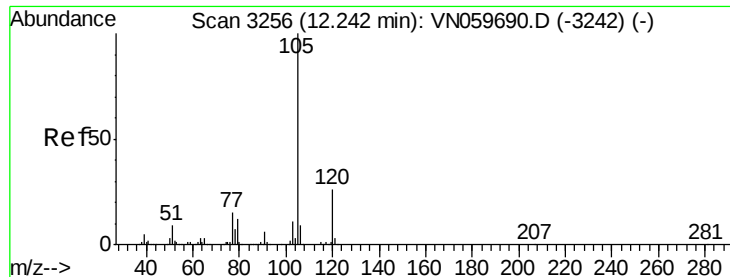
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059829.D
Acq: 22 Jan 2020 14:05

Tgt Ion:152 Resp: 129048
Ion Ratio Lower Upper
152 100
115 58.5 30.3 90.9
150 163.9 0.0 345.2



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





#73

Isopropylbenzene

Concen: 21.11 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

Instrument :

MSVOA_N

ClientSampled :

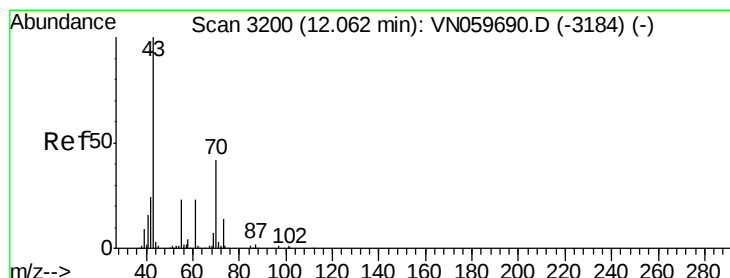
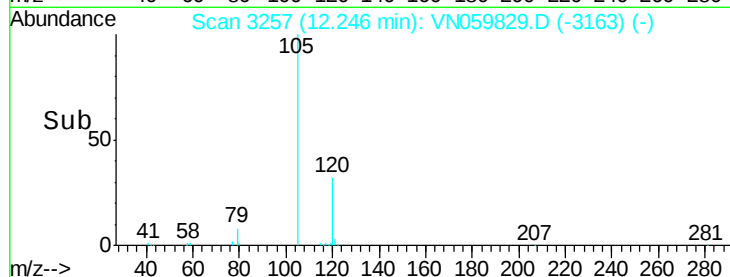
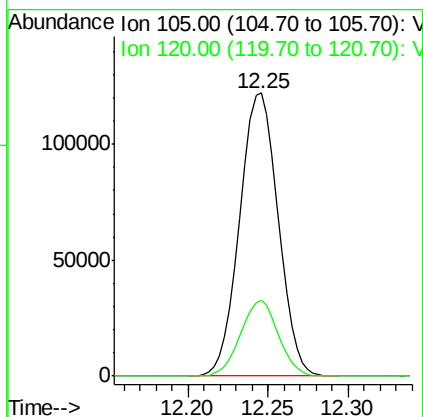
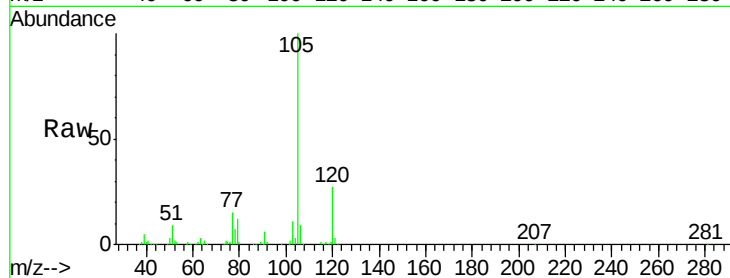
VN0122WBSD01

Tgt Ion: 105 Resp: 199823

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.5



#74

N-ethyl acetate

Concen: 18.34 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

Tgt Ion: 43 Resp: 67349

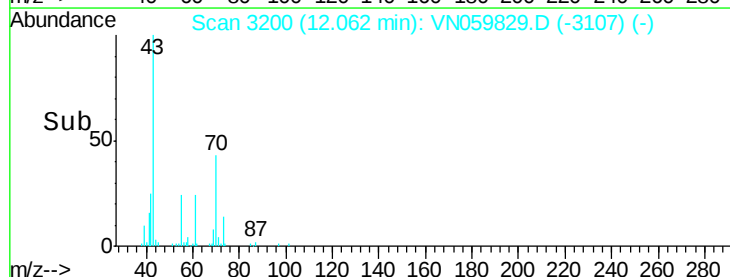
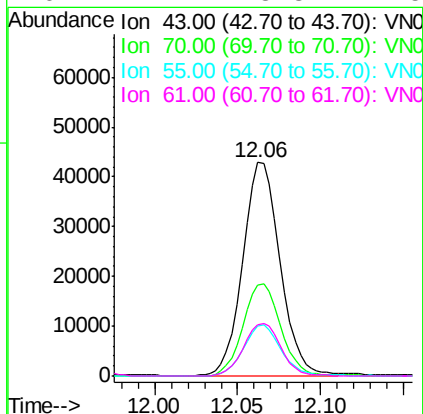
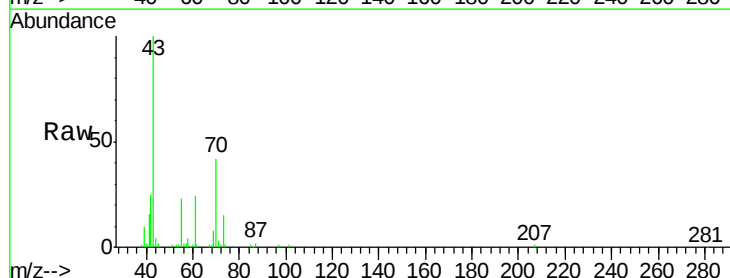
Ion Ratio Lower Upper

43 100

70 43.6 31.3 46.9

55 23.9 19.8 29.6

61 24.4 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.79 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0122WBSD01

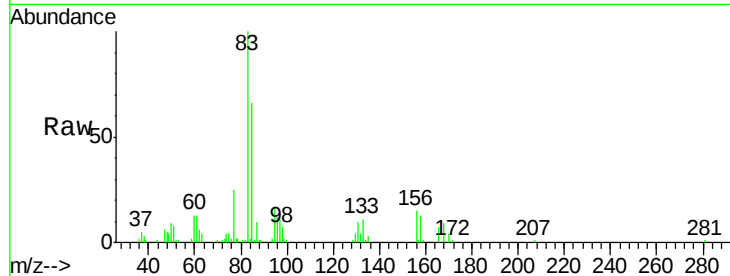
Tgt Ion: 83 Resp: 57048

Ion Ratio Lower Upper

83 100

131 10.8 5.0 14.9

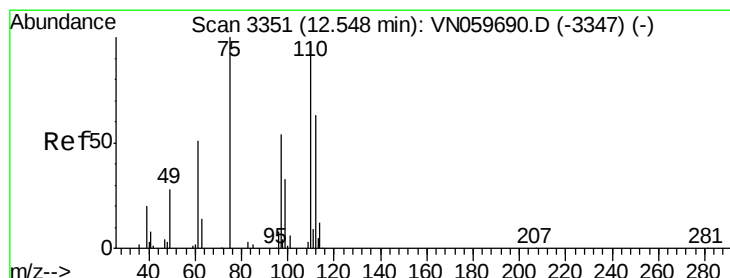
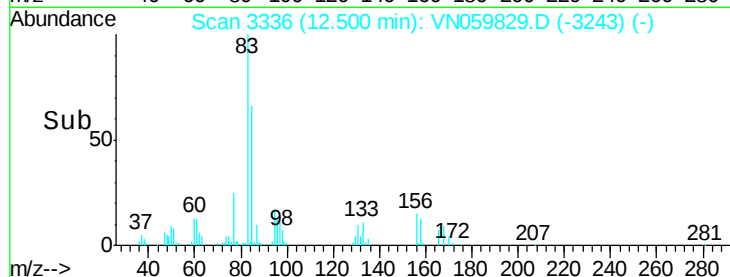
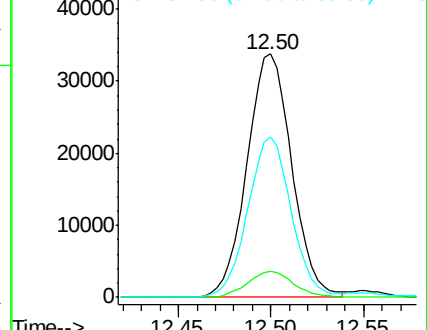
85 63.9 31.9 95.5



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: 34.60 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059829.D

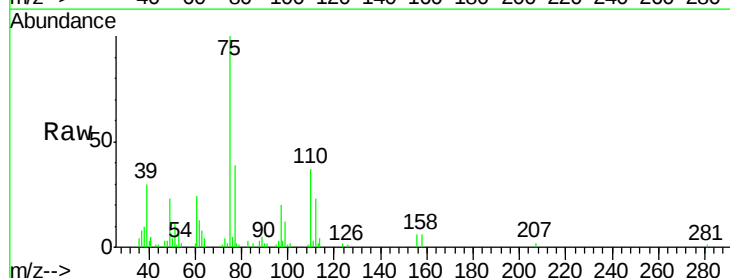
Acq: 22 Jan 2020 14:05

Tgt Ion: 75 Resp: 75148

Ion Ratio Lower Upper

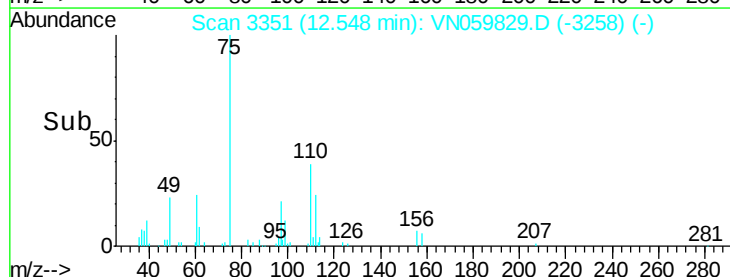
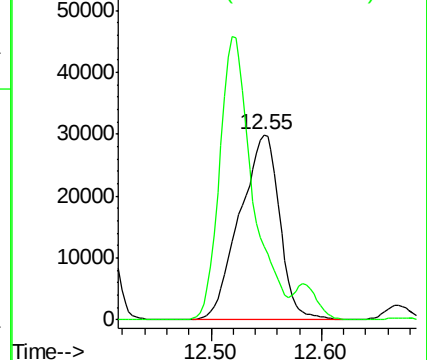
75 100

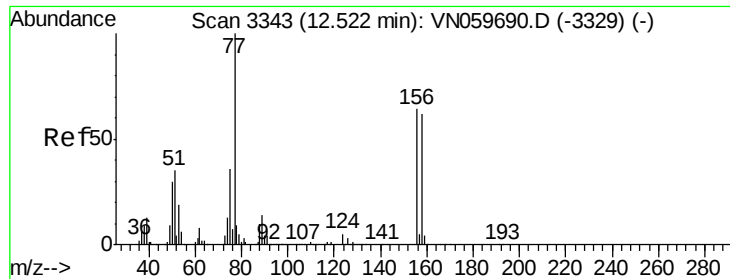
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.75 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0122WBSD01

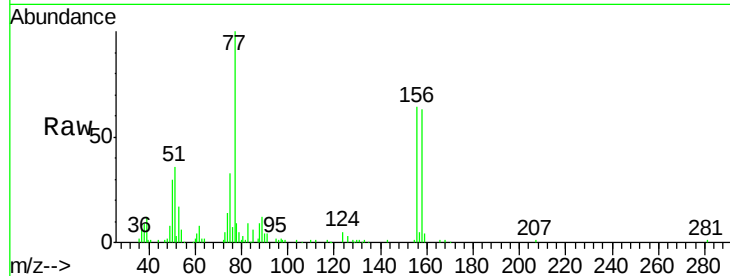
Tgt Ion:156 Resp: 49730

Ion Ratio Lower Upper

156 100

77 190.8 115.8 347.4

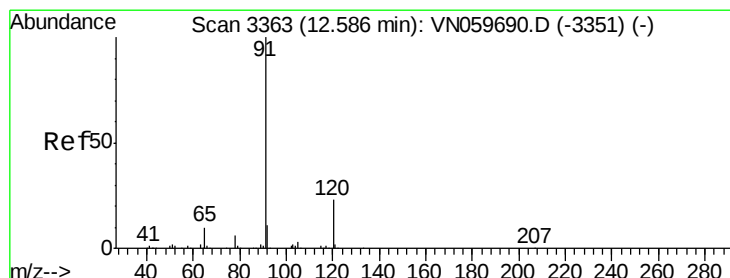
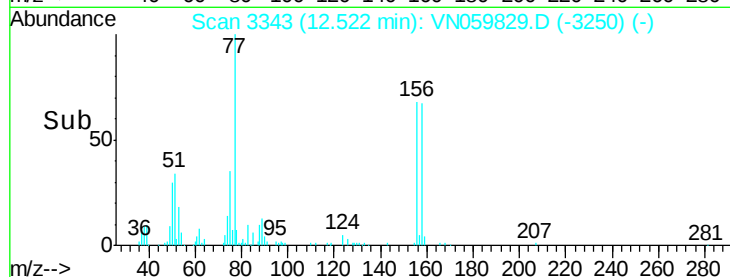
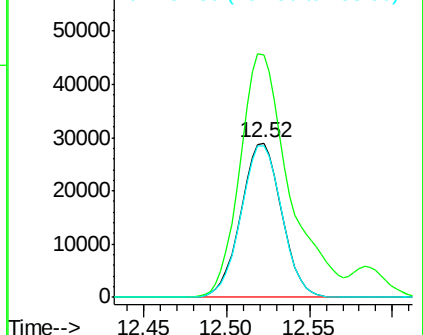
158 98.5 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.32 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059829.D

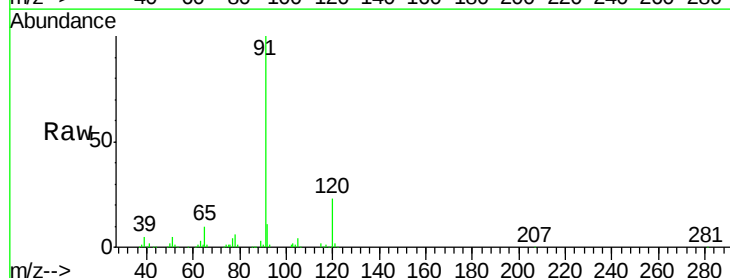
Acq: 22 Jan 2020 14:05

Tgt Ion: 91 Resp: 215838

Ion Ratio Lower Upper

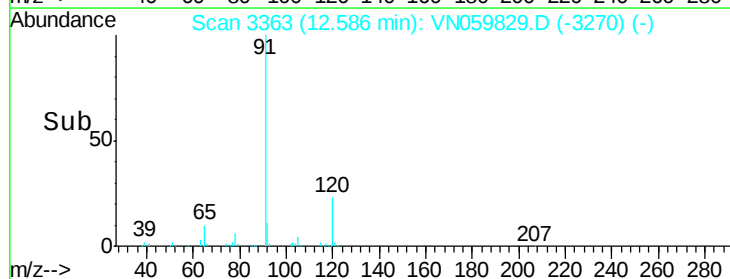
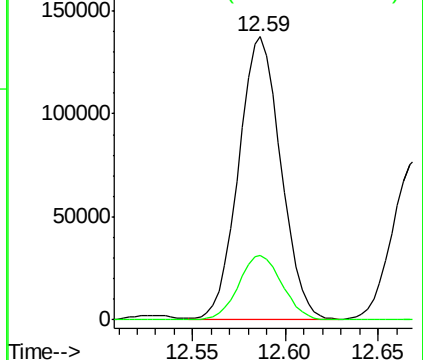
91 100

120 23.4 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

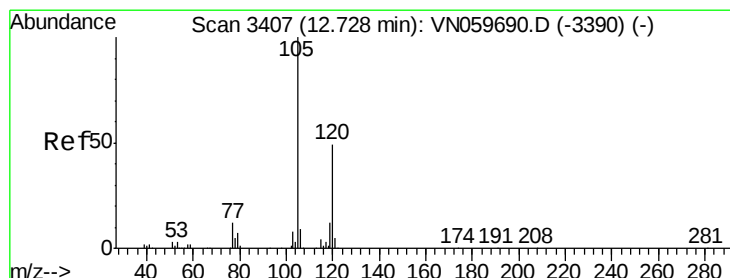
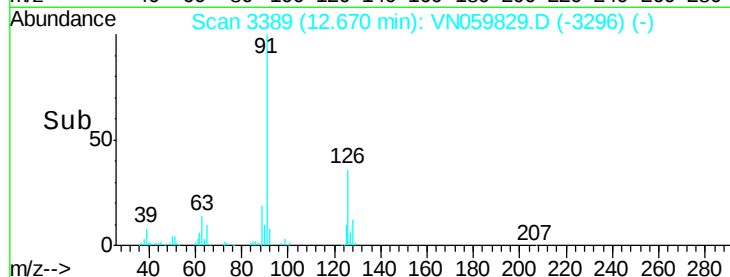
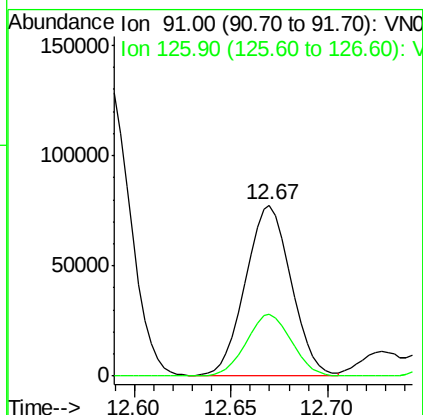
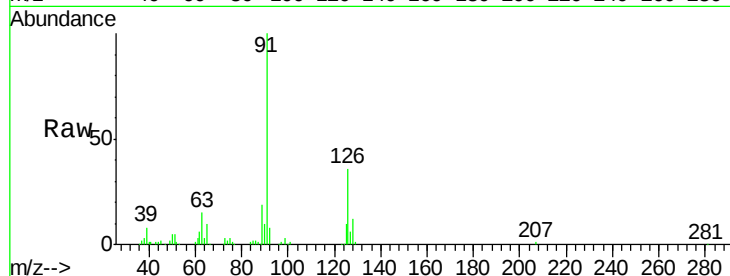




#79
 2-Chlorotoluene
 Concen: 20.07 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN059829.D
 Acq: 22 Jan 2020 14:05

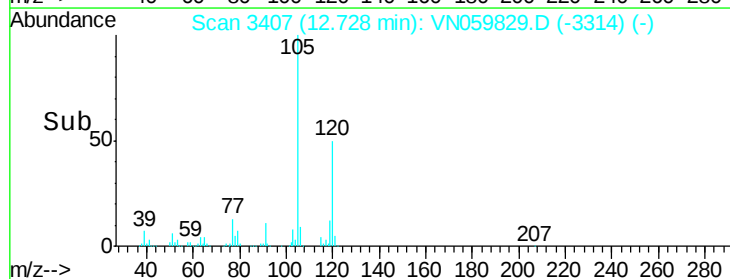
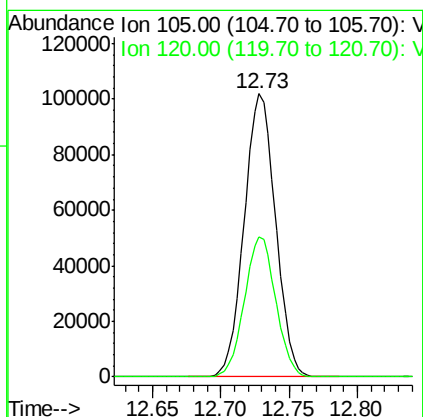
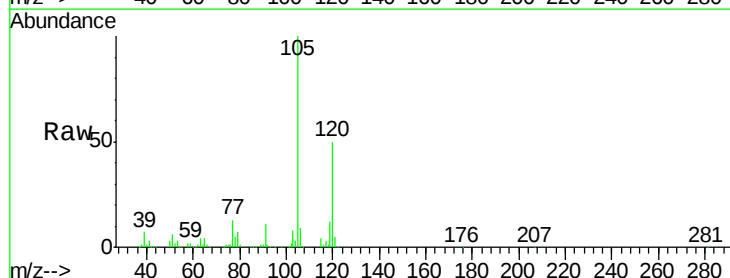
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122WBSD01

Tgt Ion: 91 Resp: 126800
 Ion Ratio Lower Upper
 91 100
 126 36.1 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.41 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN059829.D
 Acq: 22 Jan 2020 14:05

Tgt Ion: 105 Resp: 162471
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.52 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0122WBSD01

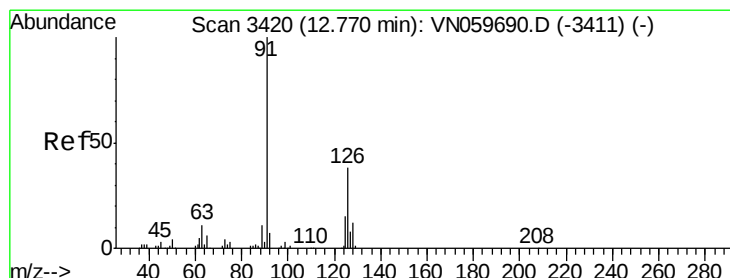
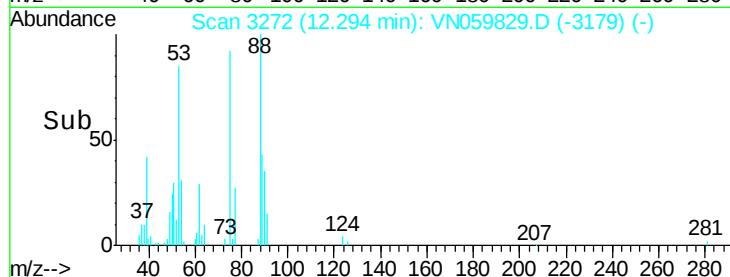
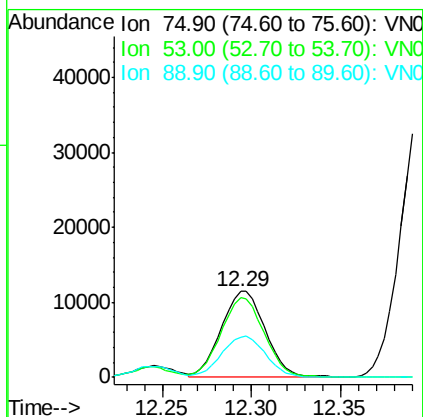
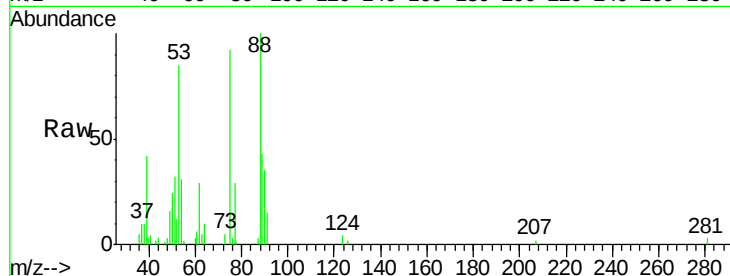
Tgt Ion: 75 Resp: 19741

Ion Ratio Lower Upper

75 100

53 90.8 78.1 117.1

89 47.5 35.4 53.2



#82

4-Chlorotoluene

Concen: 20.61 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059829.D

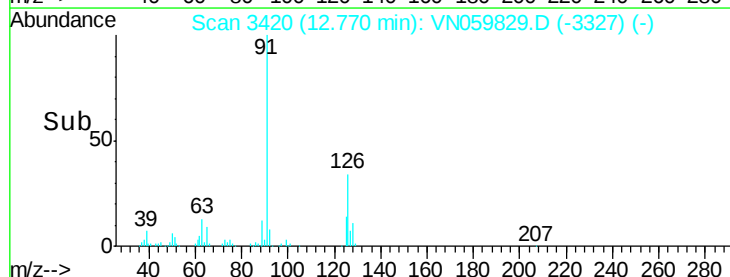
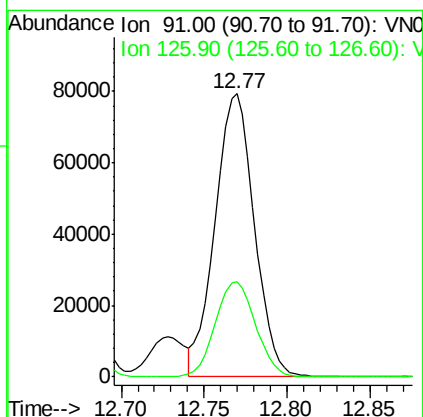
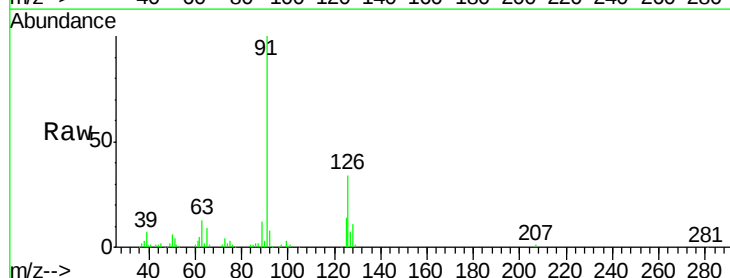
Acq: 22 Jan 2020 14:05

Tgt Ion: 91 Resp: 130644

Ion Ratio Lower Upper

91 100

126 34.5 16.3 48.8





#83

tert-Butylbenzene

Concen: 20.65 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. 0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0122WBSD01

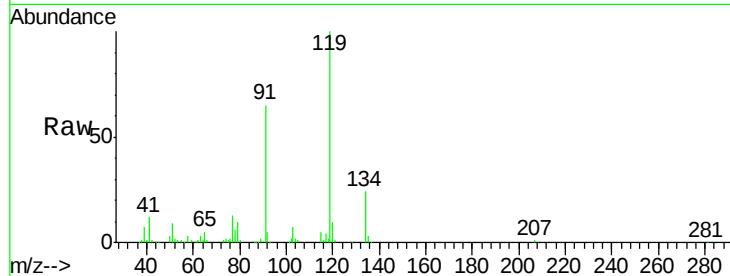
Tgt Ion:119 Resp: 142149

Ion Ratio Lower Upper

119 100

91 64.2 34.8 104.4

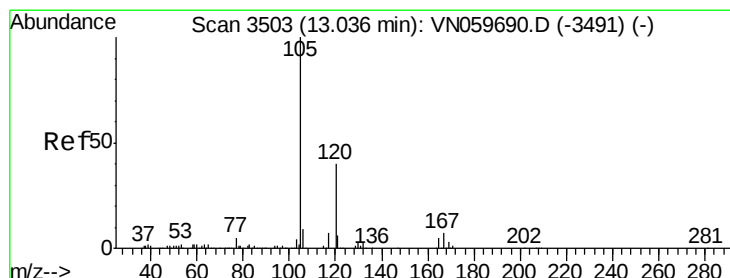
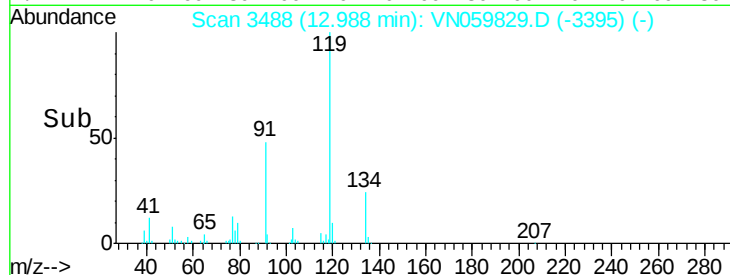
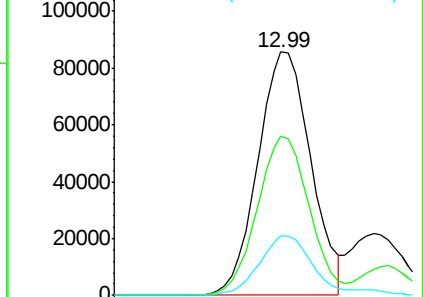
134 24.1 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.01 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN059829.D

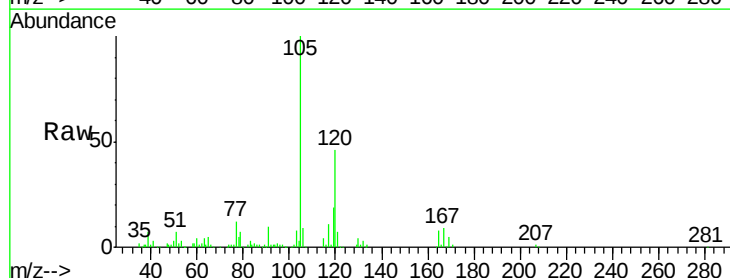
Acq: 22 Jan 2020 14:05

Tgt Ion:105 Resp: 165459

Ion Ratio Lower Upper

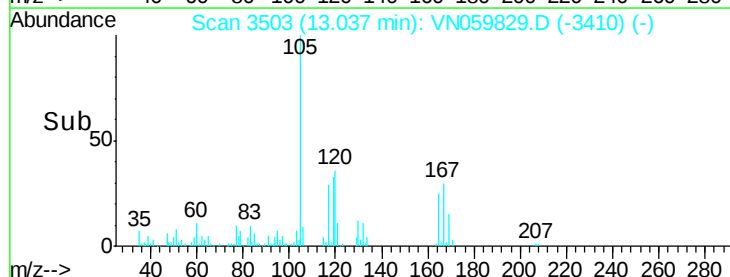
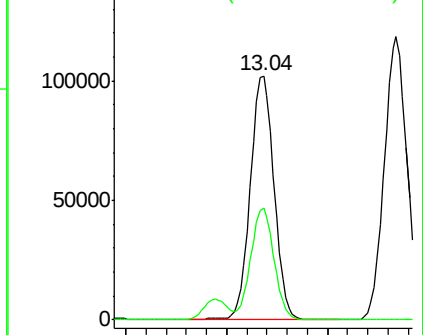
105 100

120 44.7 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

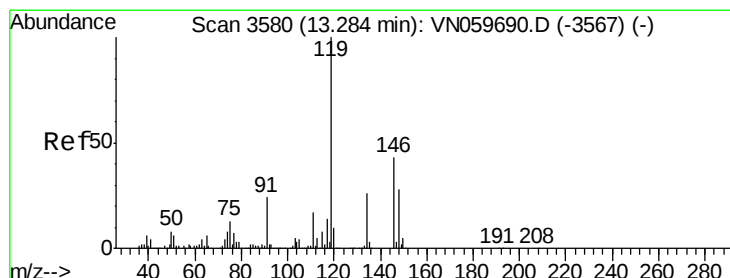
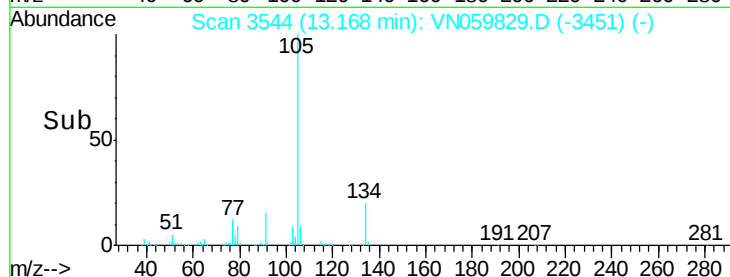
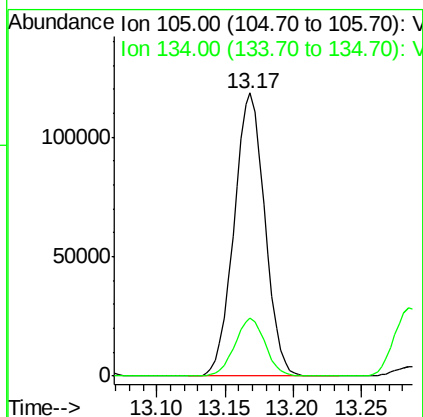
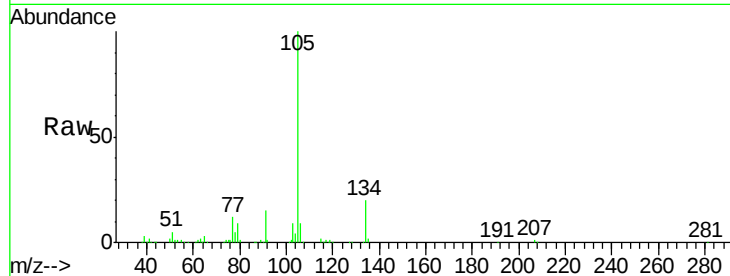




#85
 sec-Butylbenzene
 Concen: 20.52 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059829.D
 Acq: 22 Jan 2020 14:05

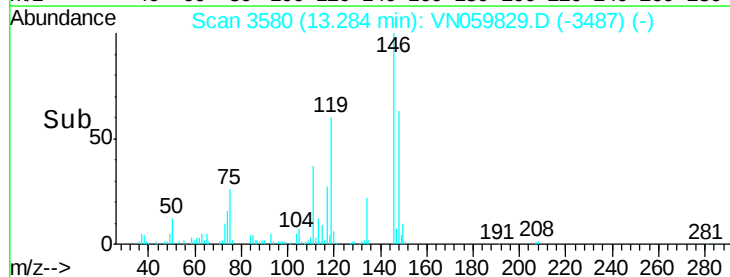
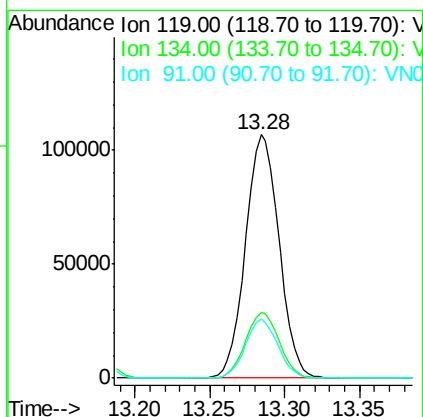
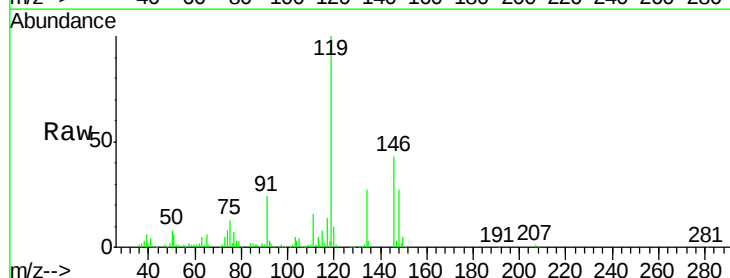
Instrument :
 MSVOA_N
 ClientSampled :
 VN0122WBSD01

Tgt Ion:105 Resp: 185560
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 19.95 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059829.D
 Acq: 22 Jan 2020 14:05

Tgt Ion:119 Resp: 166930
 Ion Ratio Lower Upper
 119 100
 134 27.1 12.9 38.7
 91 23.5 12.4 37.4

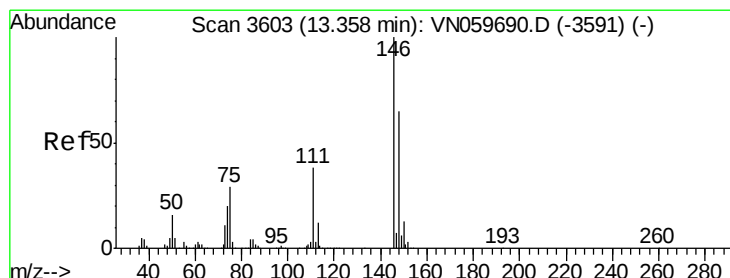
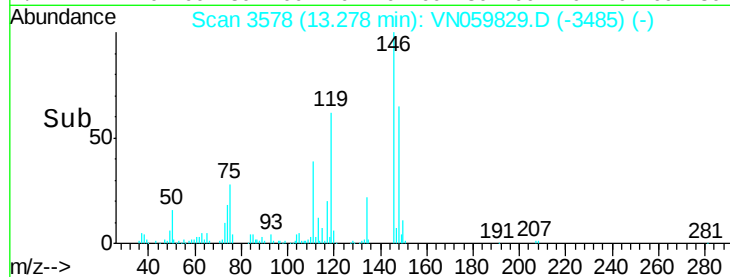
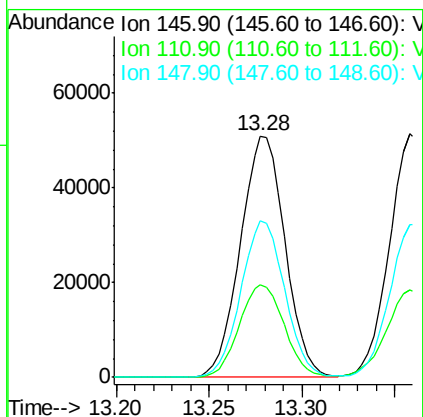
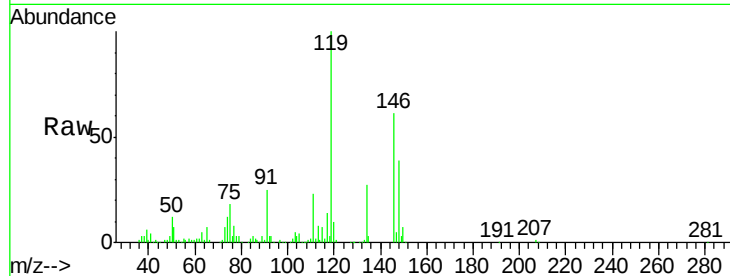




#87
 1,3-Dichlorobenzene
 Concen: 20.53 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN059829.D
 Acq: 22 Jan 2020 14:05

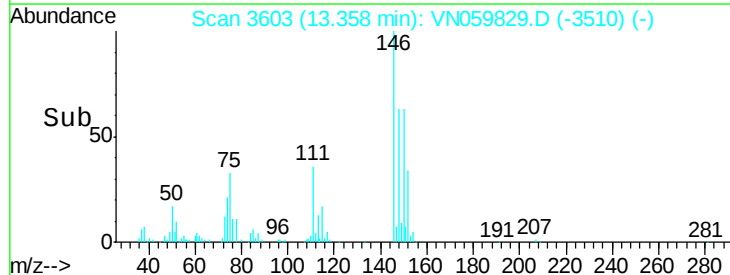
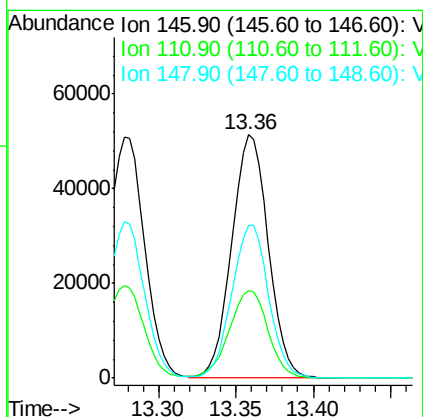
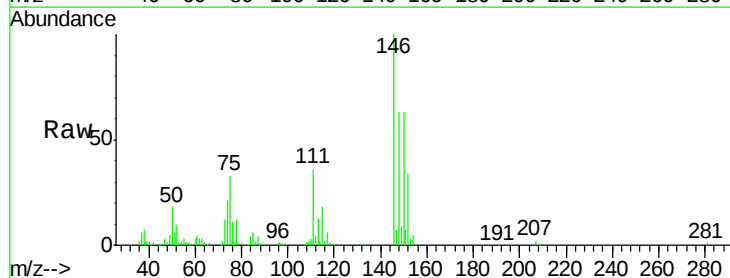
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122WBSD01

Tgt Ion:146 Resp: 85453
 Ion Ratio Lower Upper
 146 100
 111 38.5 20.8 62.2
 148 63.8 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 20.32 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN059829.D
 Acq: 22 Jan 2020 14:05

Tgt Ion:146 Resp: 84386
 Ion Ratio Lower Upper
 146 100
 111 38.2 20.8 62.2
 148 63.3 31.8 95.4





#89

n-Butylbenzene

Concen: 19.33 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0122WBSD01

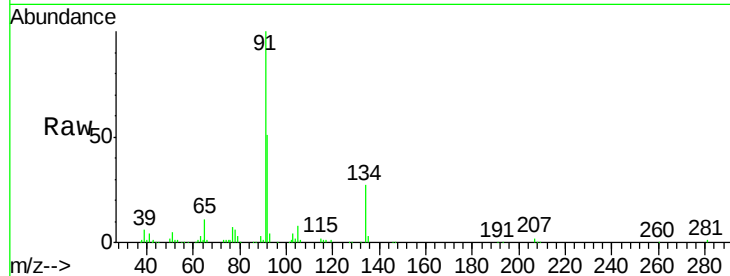
Tgt Ion: 91 Resp: 137908

Ion Ratio Lower Upper

91 100

92 51.6 25.9 77.7

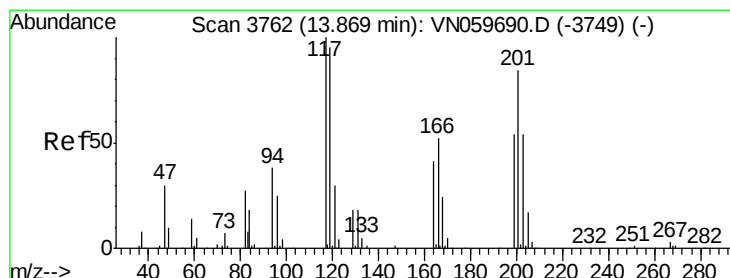
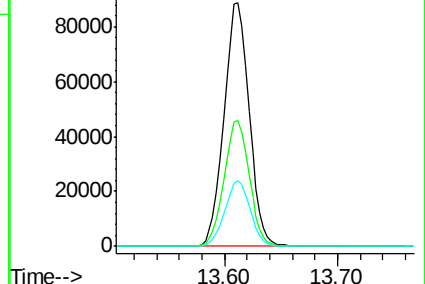
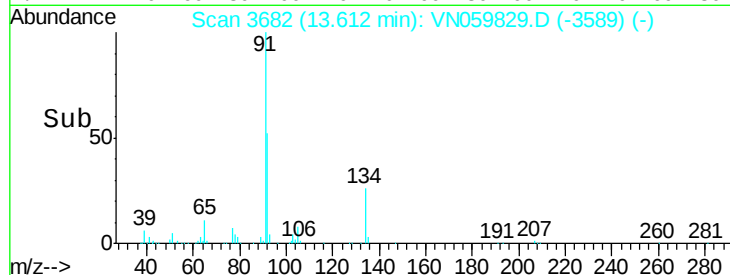
134 27.1 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VN059829.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN059829.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN059829.D (-3669) (-)



#90

Hexachloroethane

Concen: 19.96 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN059829.D

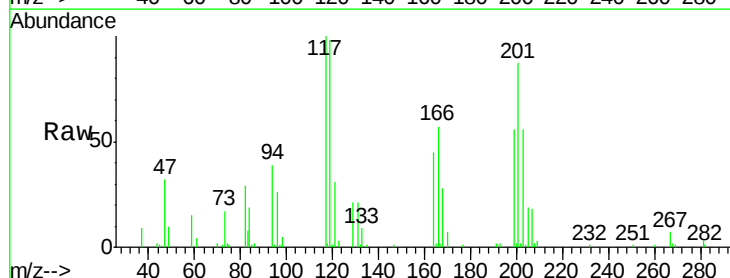
Acq: 22 Jan 2020 14:05

Tgt Ion: 117 Resp: 31246

Ion Ratio Lower Upper

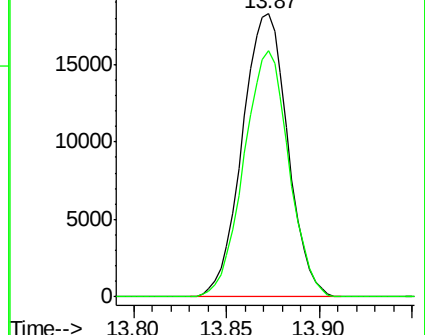
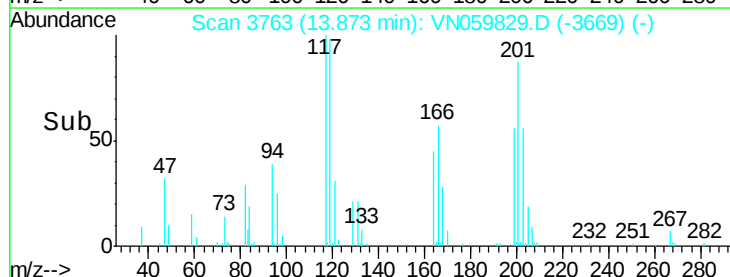
117 100

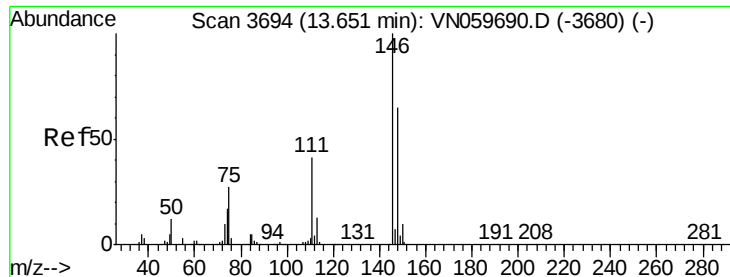
201 85.7 37.8 113.4



Abundance Ion 116.80 (116.50 to 117.50): VN059829.D (-3669) (-)

Ion 200.70 (200.40 to 201.40): VN059829.D (-3669) (-)





#91

1,2-Dichlorobenzene

Concen: 20.85 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. -0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0122WBSD01

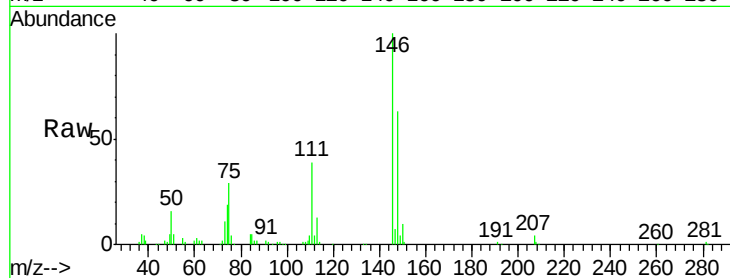
Tgt Ion:146 Resp: 85805

Ion Ratio Lower Upper

146 100

111 39.1 21.6 64.8

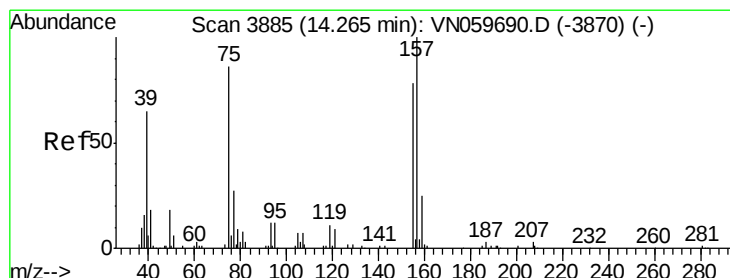
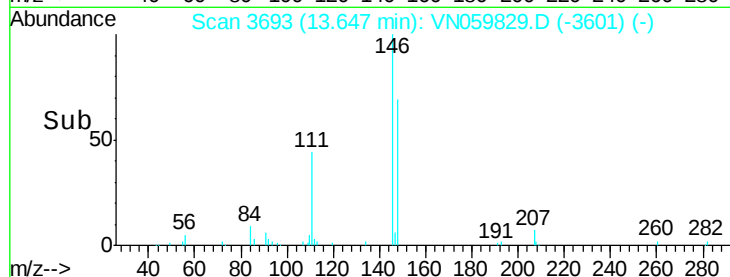
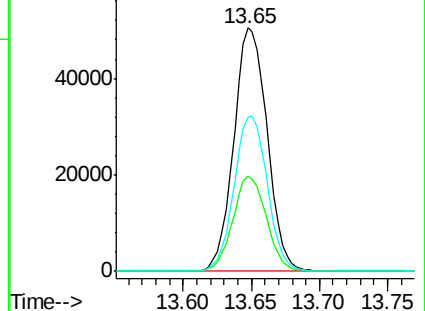
148 63.6 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.82 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

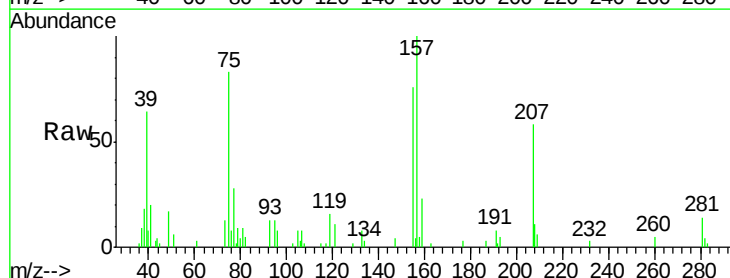
Tgt Ion: 75 Resp: 11851

Ion Ratio Lower Upper

75 100

155 85.9 37.0 110.9

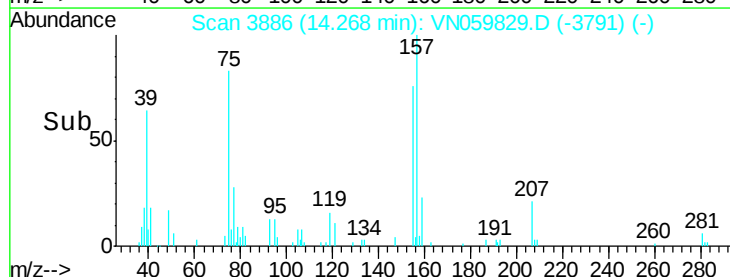
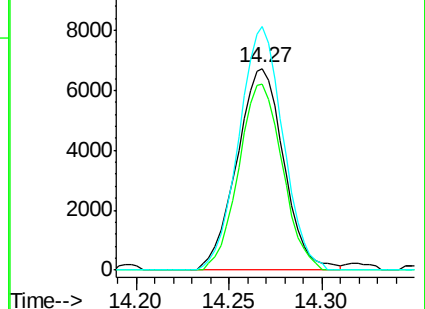
157 113.2 48.4 145.2

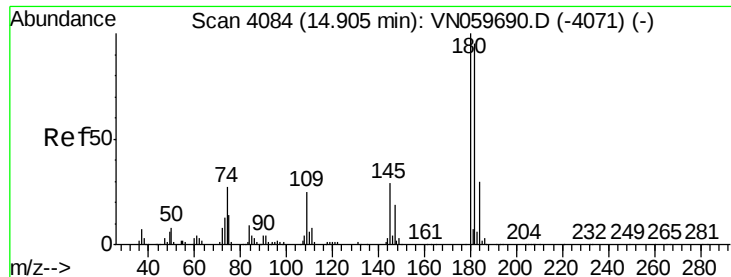


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

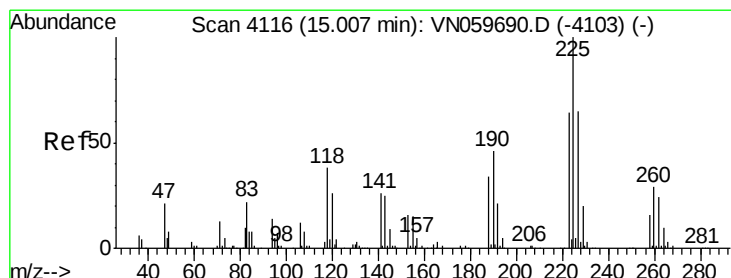
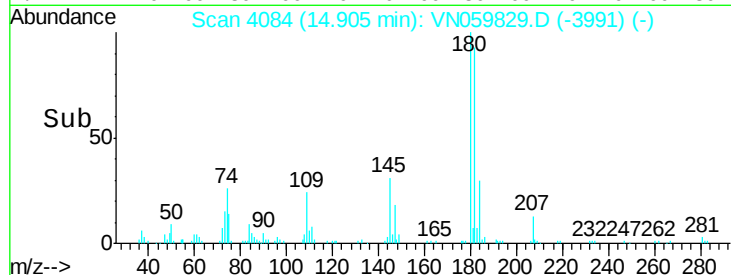
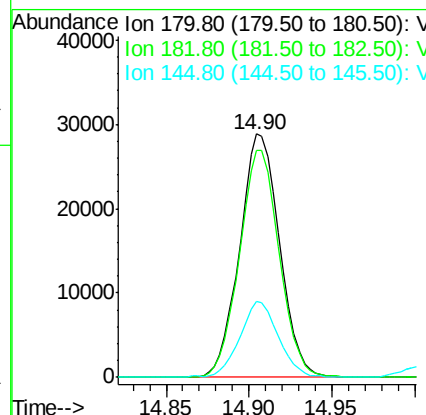
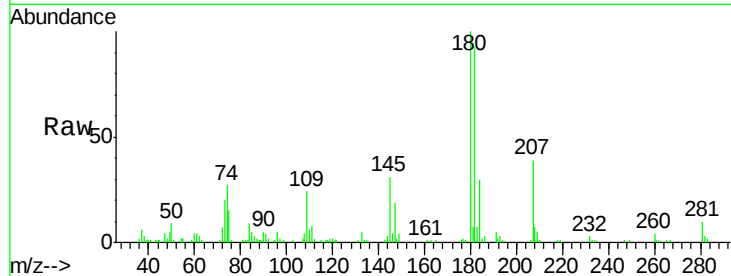




#93
 1,2,4-Trichlorobenzene
 Concen: 19.50 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN059829.D
 Acq: 22 Jan 2020 14:05

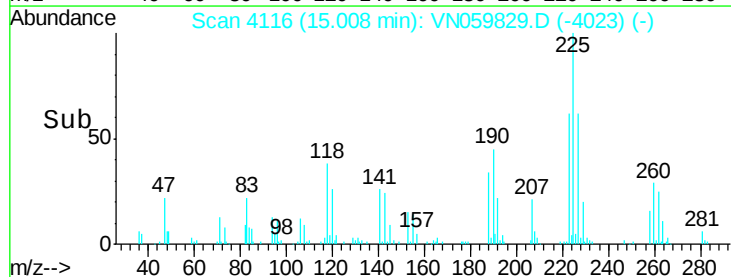
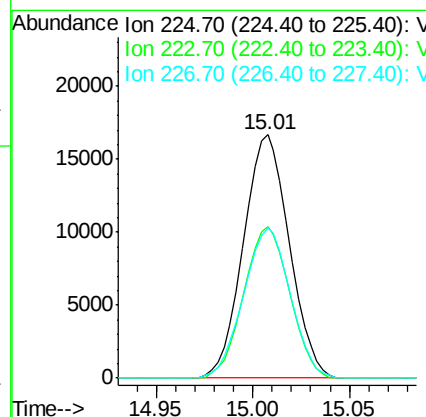
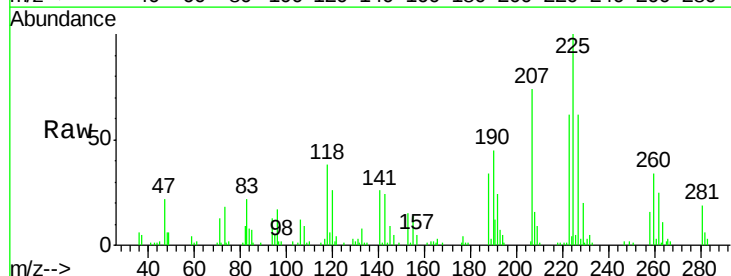
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122WBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	46.9	140.7
145	30.1	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 20.17 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059829.D
 Acq: 22 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.8	95.3
227	62.7	32.1	96.5





#95

Naphthalene

Concen: 18.01 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0122WBSD01

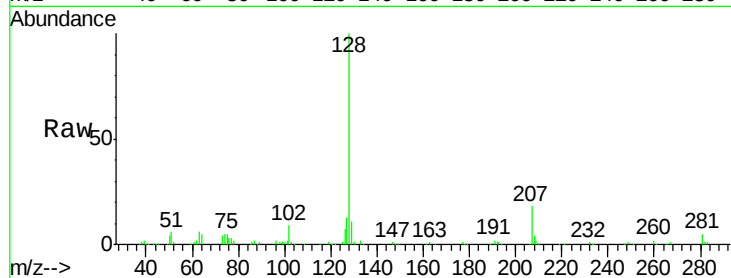
Tgt Ion:128 Resp: 126666

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

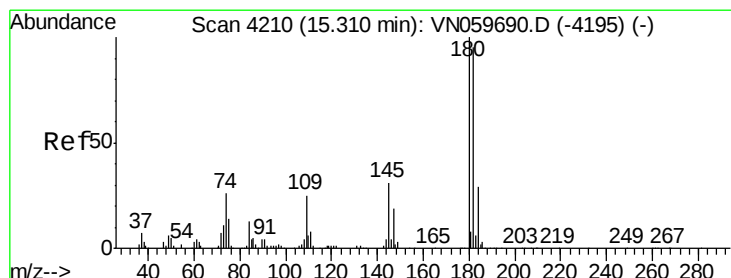
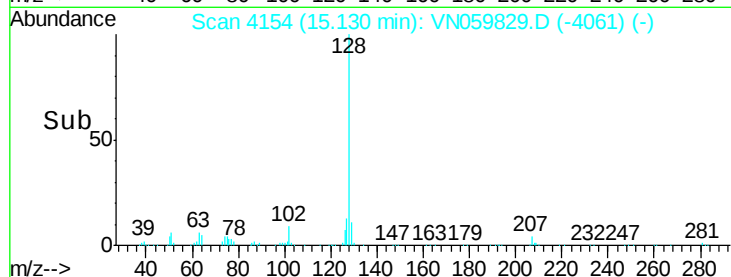
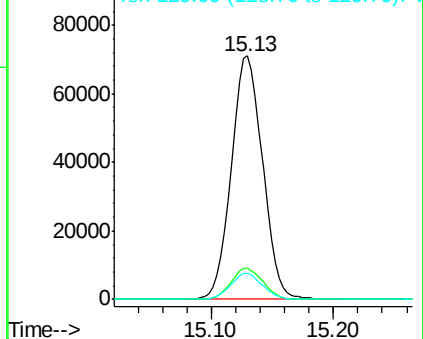
129 10.8 8.6 12.8



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: 19.90 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN059829.D

Acq: 22 Jan 2020 14:05

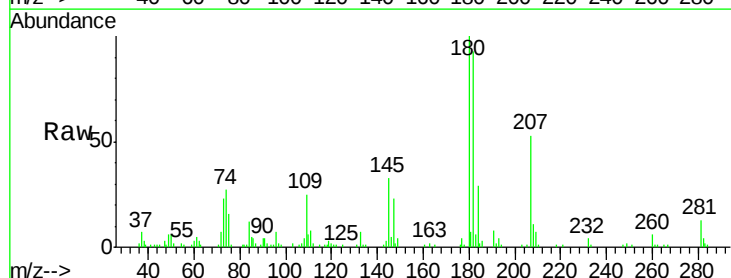
Tgt Ion:180 Resp: 47912

Ion Ratio Lower Upper

180 100

182 92.3 47.4 142.3

145 32.1 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

