

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030920\
 Data File : VN060394.D
 Acq On : 9 Mar 2020 11:47
 Operator : JC/MD
 Sample : VN0309WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBSD01

Quant Time: Mar 09 16:24:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	200275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	327012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	300175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	142704	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	126157	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
35) Dibromofluoromethane	7.56	113	92212	60.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.50%	
50) Toluene-d8	10.08	98	364300	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
62) 4-Bromofluorobenzene	12.40	95	135817	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	30218	16.46	ug/l	98
3) Chloromethane	2.04	50	53952	16.88	ug/l	99
4) Vinyl Chloride	2.16	62	46097	16.81	ug/l	98
5) Bromomethane	2.54	94	18313	14.91	ug/l	97
6) Chloroethane	2.68	64	25179	16.95	ug/l	94
7) Trichlorofluoromethane	3.00	101	60801	17.36	ug/l	99
8) Diethyl Ether	3.38	74	25107	18.98	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	35464	17.89	ug/l	97
10) Methyl Iodide	3.92	142	30889	17.07	ug/l	100
11) Tert butyl alcohol	4.72	59	38819	101.74	ug/l	100
12) 1,1-Dichloroethene	3.71	96	35355	18.33	ug/l	94
13) Acrolein	3.58	56	32214	90.50	ug/l	100
14) Allyl chloride	4.29	41	66558	18.76	ug/l	99
15) Acrylonitrile	4.94	53	103149	102.57	ug/l	98
16) Acetone	3.78	43	82854	99.85	ug/l	99
17) Carbon Disulfide	4.03	76	86886	16.54	ug/l	99
18) Methyl Acetate	4.29	43	54125	19.55	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	136365	19.52	ug/l	99
20) Methylene Chloride	4.52	84	41615	18.26	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	37794	18.01	ug/l	97
22) Diisopropyl ether	5.91	45	142978	19.90	ug/l	94
23) Vinyl Acetate	5.86	43	568110	99.49	ug/l	100
24) 1,1-Dichloroethane	5.81	63	77246	18.99	ug/l	98
25) 2-Butanone	6.80	43	136484	101.83	ug/l	100
26) 2,2-Dichloropropane	6.79	77	68907	18.61	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	47596	18.01	ug/l	99
28) Bromochloromethane	7.17	49	31980	19.15	ug/l	97
29) Tetrahydrofuran	7.18	42	93602	100.43	ug/l	98
30) Chloroform	7.35	83	78586	19.41	ug/l	99
31) Cyclohexane	7.63	56	67283	18.54	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	66655	18.58	ug/l	100
36) 1,1-Dichloropropene	7.77	75	55419	17.78	ug/l	99
37) Ethyl Acetate	6.89	43	61045	20.69	ug/l	99
38) Carbon Tetrachloride	7.75	117	54573	17.98	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030920\
 Data File : VN060394.D
 Acq On : 9 Mar 2020 11:47
 Operator : JC/MD
 Sample : VN0309WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBSD01

Quant Time: Mar 09 16:24:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	64399	17.53	ug/l	98
40) Benzene	8.02	78	170782	18.83	ug/l	98
41) Methacrylonitrile	7.17	41	87357	64.11	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	63270	19.33	ug/l	100
43) Isopropyl Acetate	8.14	43	104903	20.31	ug/l	99
44) Trichloroethene	8.82	130	46179	18.28	ug/l	98
45) 1,2-Dichloropropane	9.10	63	47939	20.21	ug/l	99
46) Dibromomethane	9.19	93	29500	19.17	ug/l	100
47) Bromodichloromethane	9.39	83	61177	19.55	ug/l	97
48) Methyl methacrylate	9.18	41	44176	18.75	ug/l	99
49) 1,4-Dioxane	9.18	88	13903	419.65	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	300424	102.56	ug/l	99
52) Toluene	10.14	92	104546	18.35	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	72469	18.90	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	76758	19.32	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	43845	19.13	ug/l	98
56) Ethyl methacrylate	10.42	69	63980	19.43	ug/l	98
57) 1,3-Dichloropropane	10.70	76	74257	19.87	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	164468	95.52	ug/l	100
59) 2-Hexanone	10.74	43	214578	99.77	ug/l	100
60) Dibromochloromethane	10.89	129	45331	19.45	ug/l	97
61) 1,2-Dibromoethane	10.99	107	42064	18.83	ug/l	98
64) Tetrachloroethene	10.62	164	50517	20.54	ug/l	97
65) Chlorobenzene	11.43	112	110855	18.29	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	42858	19.12	ug/l	98
67) Ethyl Benzene	11.50	91	204863	18.56	ug/l	99
68) m/p-Xylenes	11.62	106	149859	35.98	ug/l	97
69) o-Xylene	11.94	106	75148	18.92	ug/l	99
70) Styrene	11.96	104	119537	18.31	ug/l	99
71) Bromoform	12.12	173	31134	19.28	ug/l #	100
73) Isopropylbenzene	12.25	105	199347	18.85	ug/l	100
74) N-amyl acetate	12.07	43	88723	19.20	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	56755	19.74	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	82472	26.34	ug/l #	100
77) Bromobenzene	12.52	156	48278	18.62	ug/l	98
78) n-propylbenzene	12.59	91	229953	18.55	ug/l	100
79) 2-Chlorotoluene	12.67	91	136761	18.77	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	166318	18.68	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	22041	19.43	ug/l #	86
82) 4-Chlorotoluene	12.77	91	141556	18.44	ug/l	98
83) tert-Butylbenzene	12.99	119	142929	18.54	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	168783	18.78	ug/l	99
85) sec-Butylbenzene	13.17	105	188698	18.28	ug/l	99
86) p-Isopropyltoluene	13.28	119	171384	17.93	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	86659	19.34	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	86102	19.22	ug/l	99
89) n-Butylbenzene	13.61	91	152853	17.42	ug/l	99
90) Hexachloroethane	13.87	117	23084	16.69	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	84274	18.55	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12276	18.85	ug/l	95

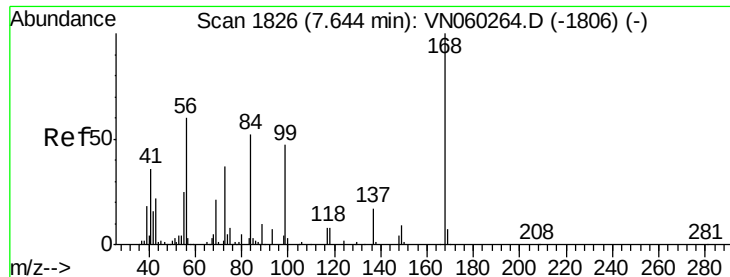
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN030920\
Data File : VN060394.D
Acq On : 9 Mar 2020 11:47
Operator : JC/MD
Sample : VN0309WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01

Quant Time: Mar 09 16:24:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	52985	18.41	ug/l	99
94) Hexachlorobutadiene	15.01	225	25616	18.95	ug/l	99
95) Naphthalene	15.13	128	155602	18.13	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	50607	18.50	ug/l	99

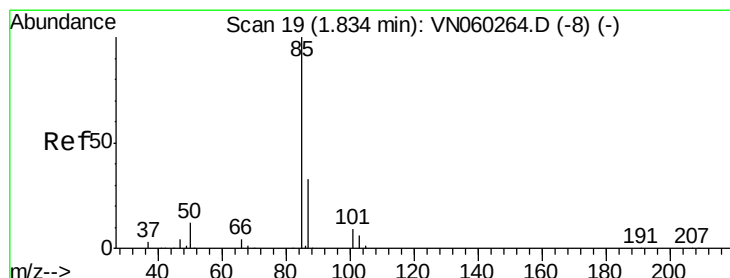
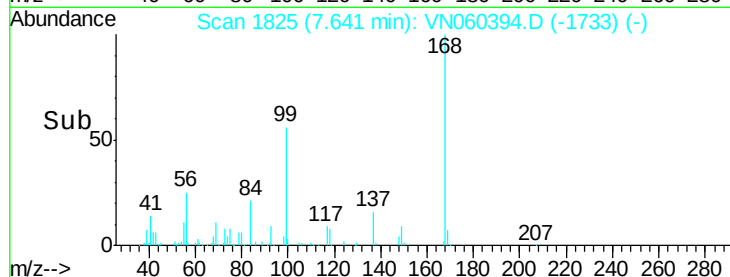
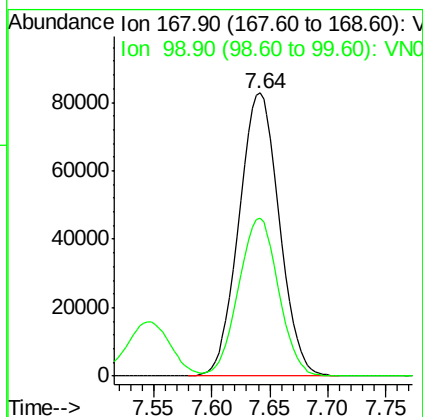
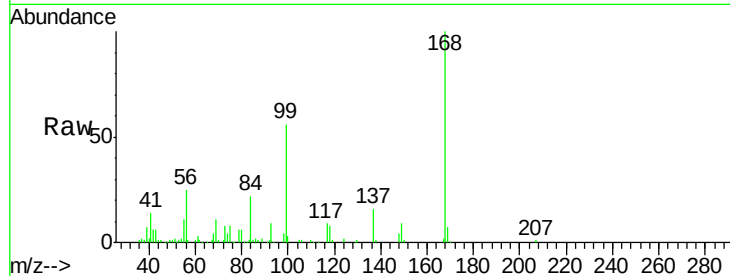
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

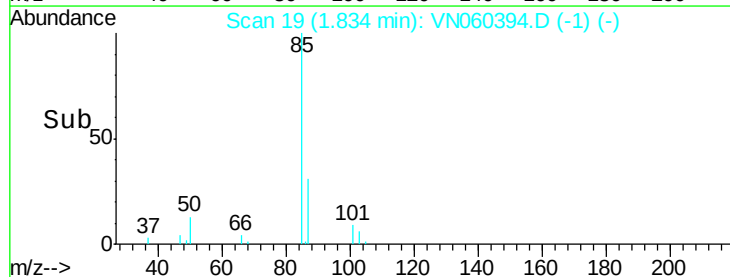
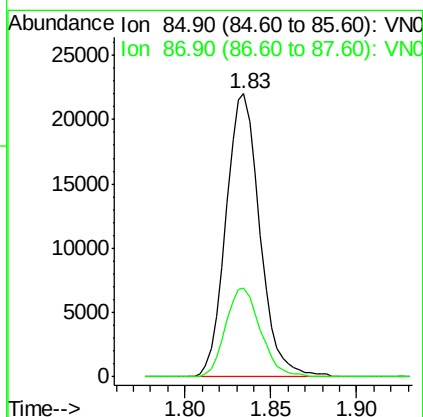
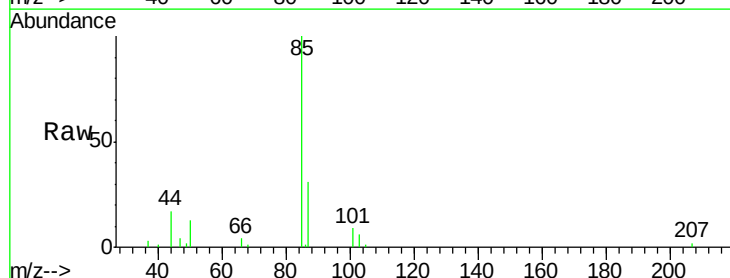
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01

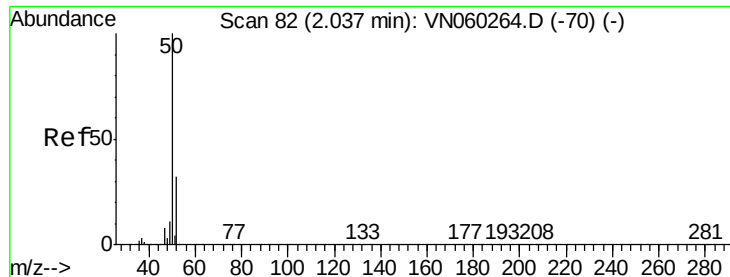
Tgt Ion:168 Resp: 200275
Ion Ratio Lower Upper
168 100
99 55.8 44.7 67.1



#2
Dichlorodifluoromethane
Concen: 16.46 ug/l
RT: 1.83 min Scan# 19
Delta R.T. -0.00 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

Tgt Ion: 85 Resp: 30218
Ion Ratio Lower Upper
85 100
87 31.5 16.3 48.9

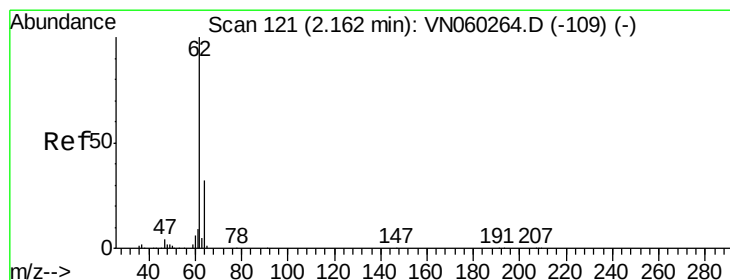
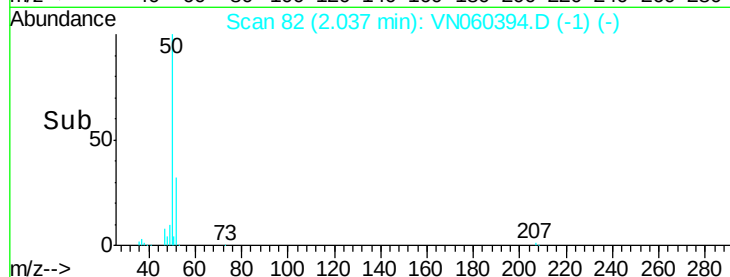
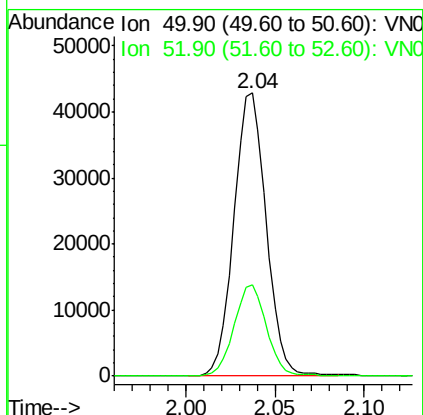
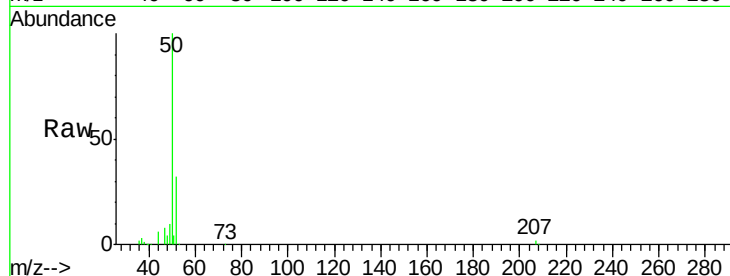




#3
Chloromethane
Concen: 16.88 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

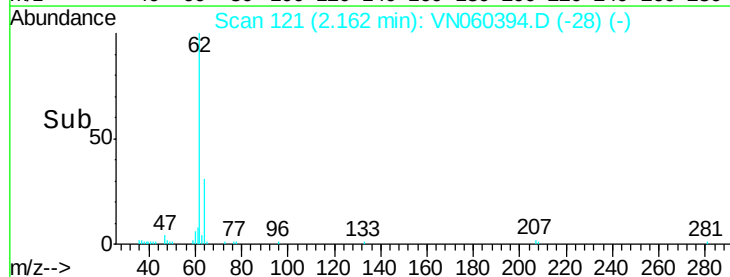
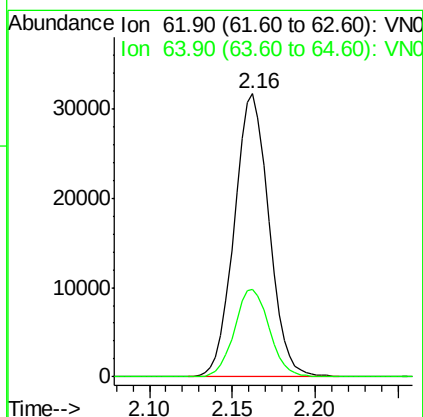
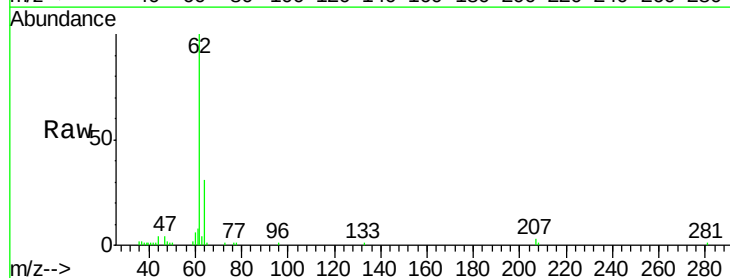
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01

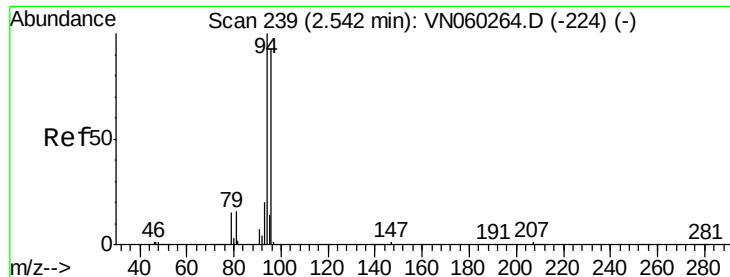
Tgt Ion: 50 Resp: 53952
Ion Ratio Lower Upper
50 100
52 32.3 25.6 38.4



#4
Vinyl Chloride
Concen: 16.81 ug/l
RT: 2.16 min Scan# 121
Delta R.T. -0.00 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

Tgt Ion: 62 Resp: 46097
Ion Ratio Lower Upper
62 100
64 30.9 25.5 38.3





#5

Bromomethane

Concen: 14.91 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

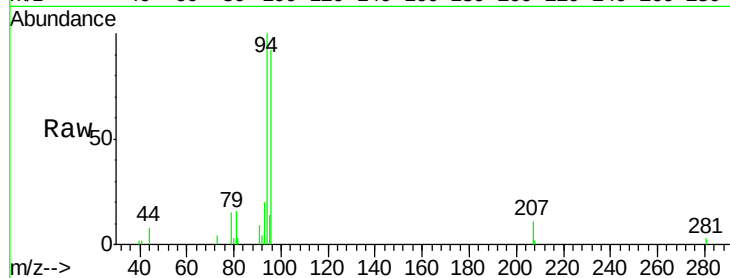
VN0309WBSD01

Tgt Ion: 94 Resp: 18313

Ion Ratio Lower Upper

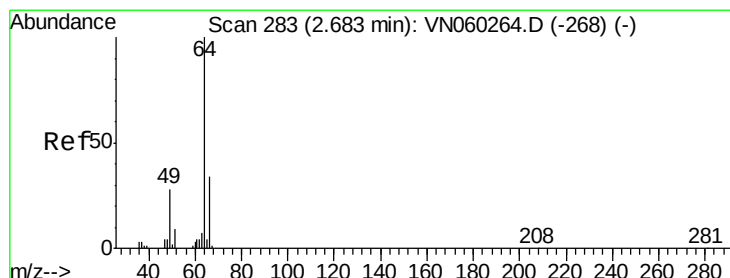
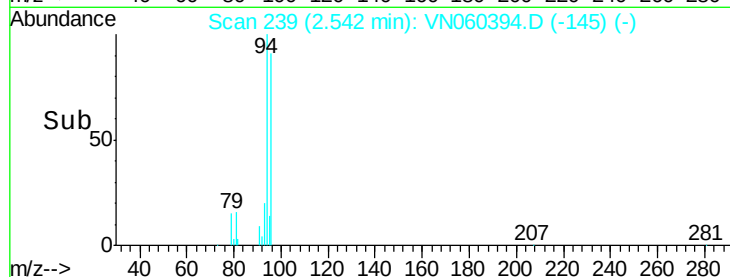
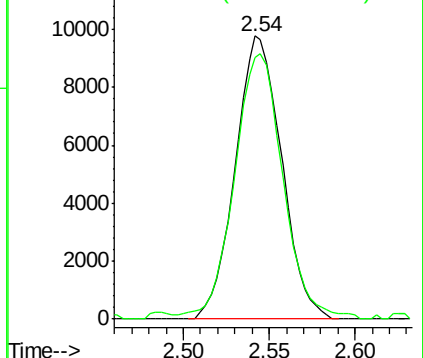
94 100

96 90.3 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 16.95 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN060394.D

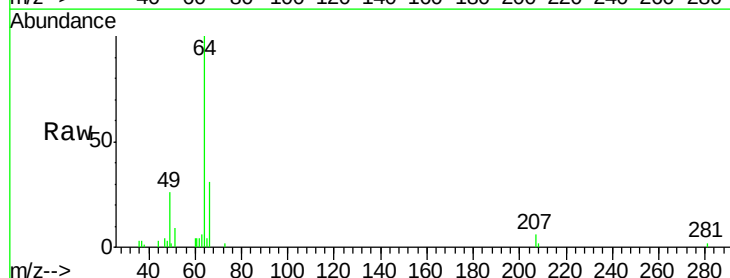
Acq: 9 Mar 2020 11:47

Tgt Ion: 64 Resp: 25179

Ion Ratio Lower Upper

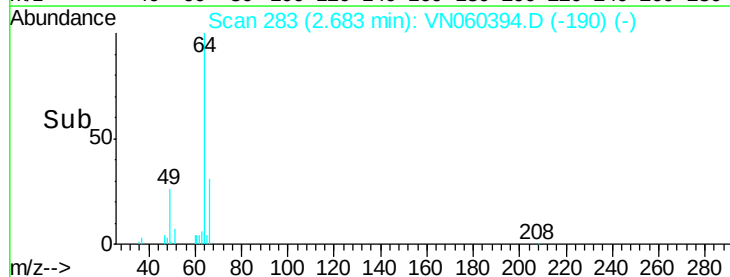
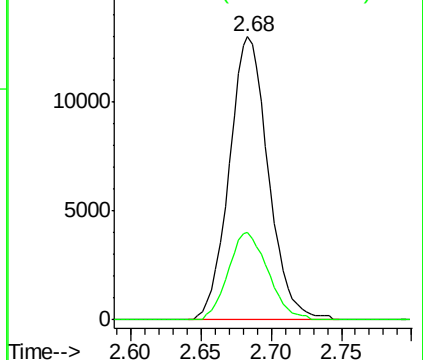
64 100

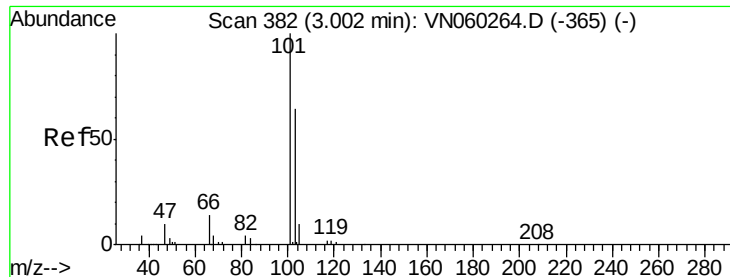
66 30.8 27.4 41.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



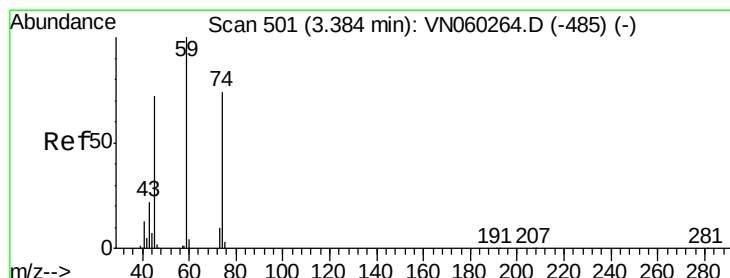
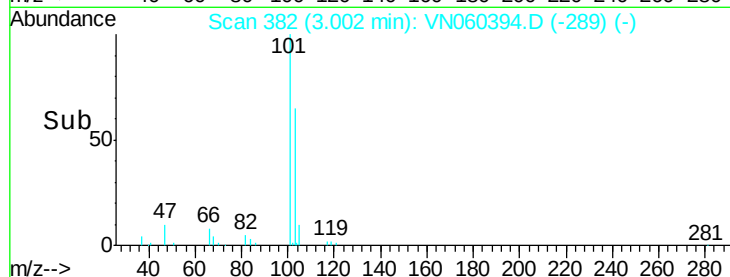
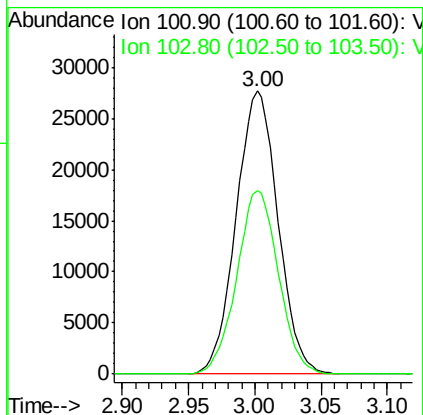
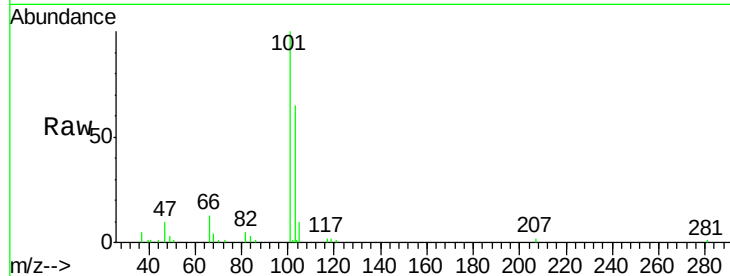


#7

Trichlorofluoromethane
Concen: 17.36 ug/l
RT: 3.00 min Scan# 382
Delta R.T. -0.00 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01

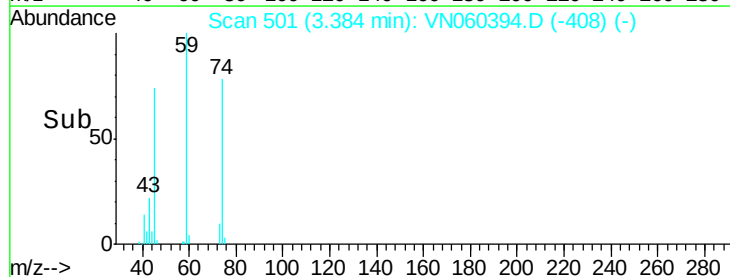
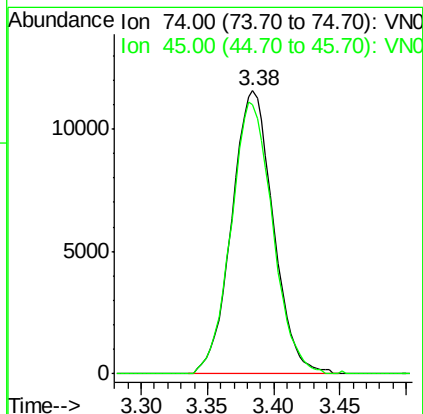
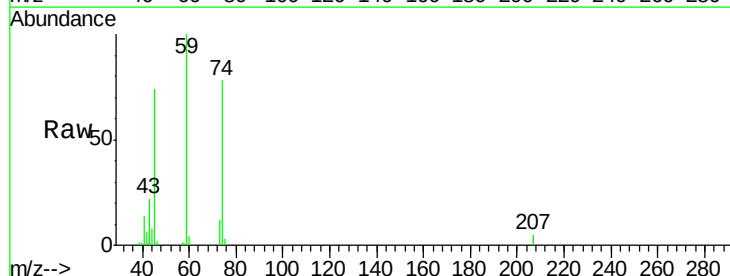
Tgt Ion: 101 Resp: 60801
Ion Ratio Lower Upper
101 100
103 65.0 51.3 76.9

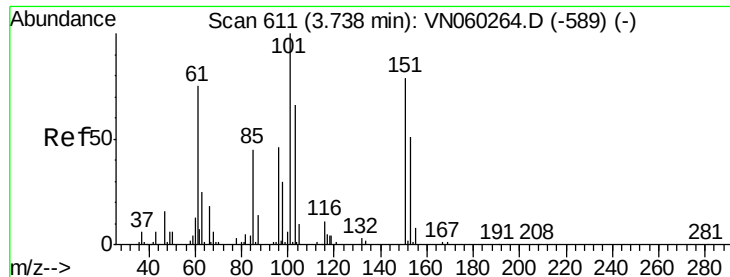


#8

Diethyl Ether
Concen: 18.98 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

Tgt Ion: 74 Resp: 25107
Ion Ratio Lower Upper
74 100
45 96.1 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.89 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN0309WBSD01

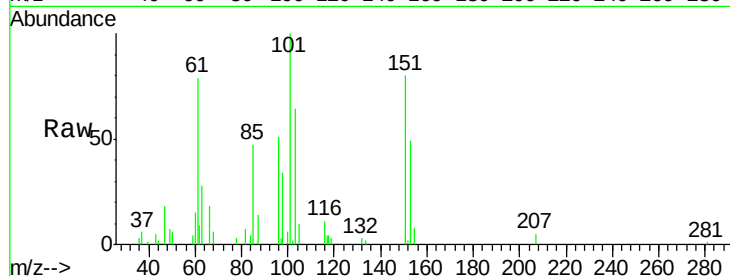
Tgt Ion:101 Resp: 35464

Ion Ratio Lower Upper

101 100

85 46.8 35.4 53.2

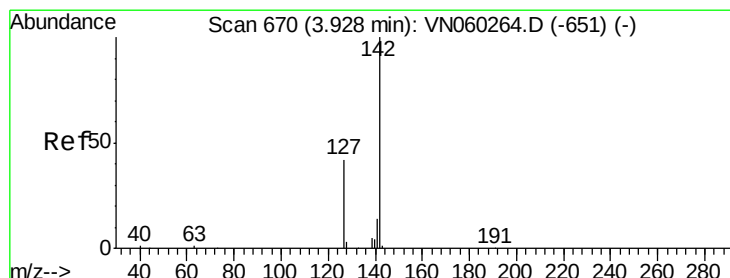
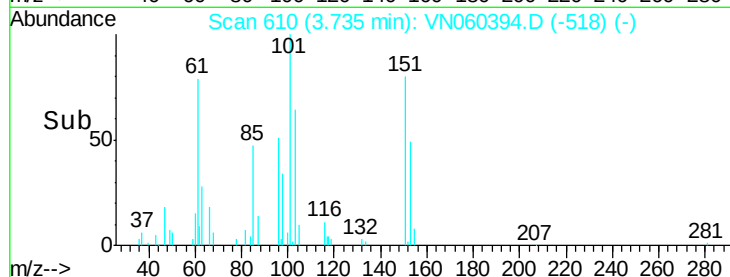
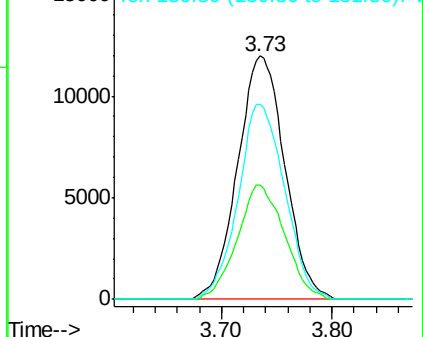
151 79.1 62.0 93.0



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: 17.07 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

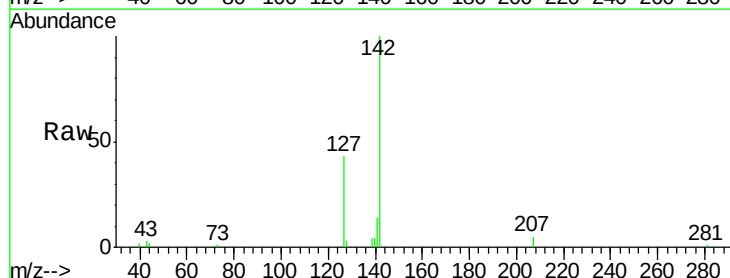
Tgt Ion:142 Resp: 30889

Ion Ratio Lower Upper

142 100

127 42.6 33.8 50.6

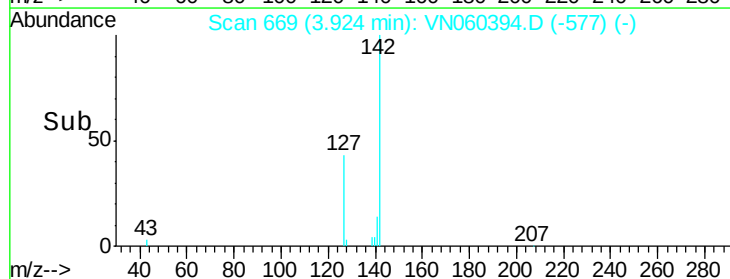
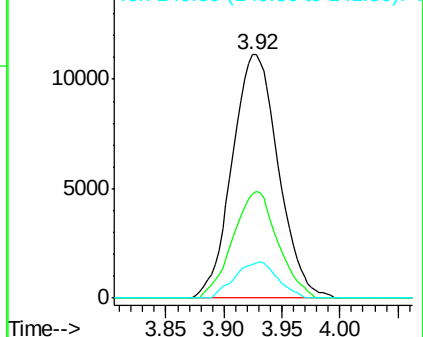
141 13.8 11.1 16.7

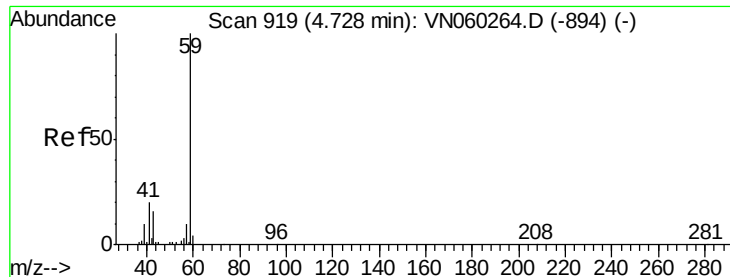


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



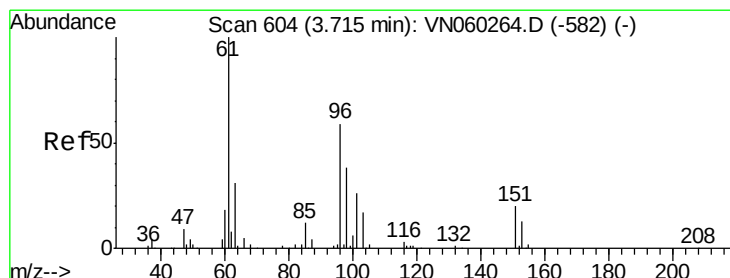
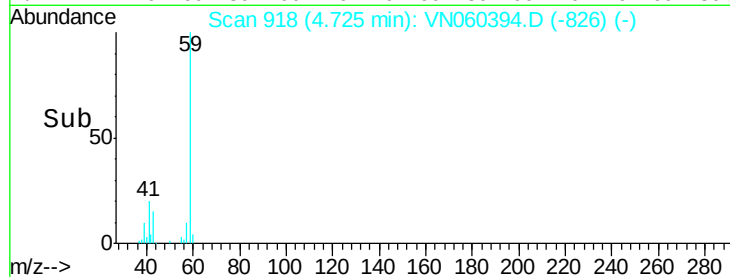
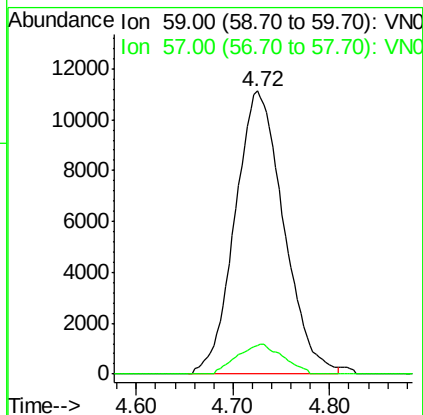
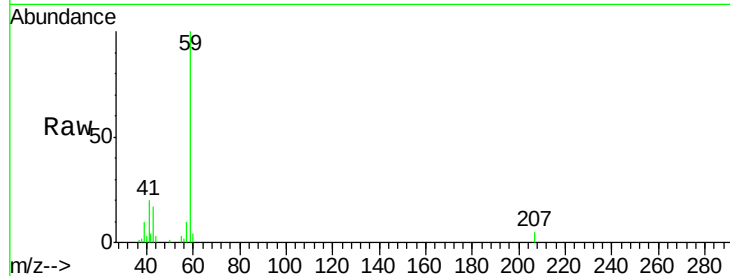


#11

Tert butyl alcohol
 Concen: 101.74 ug/l
 RT: 4.72 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: VN060394.D
 Acq: 9 Mar 2020 11:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBSD01

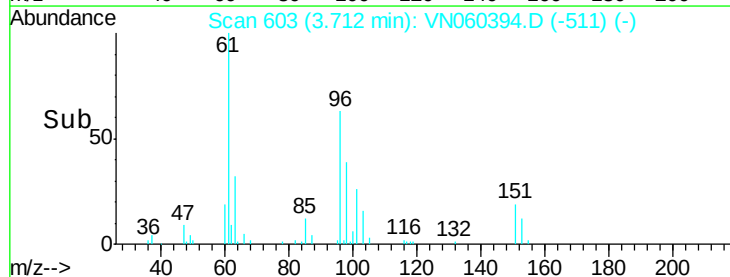
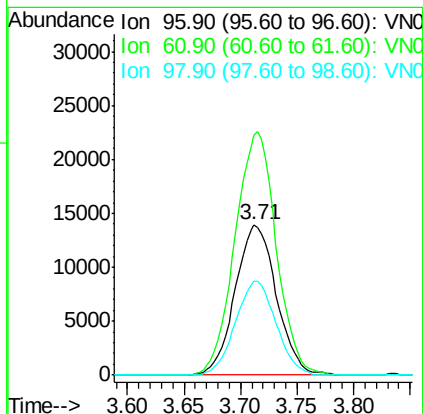
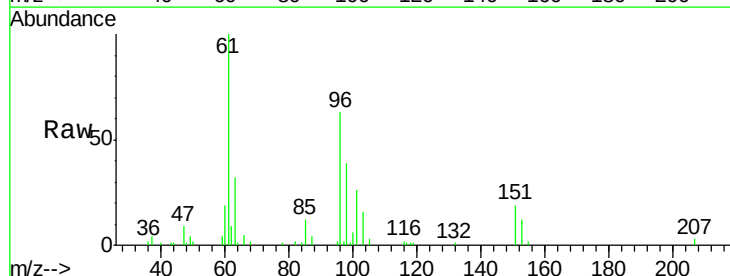
Tgt Ion: 59 Resp: 38819
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.2

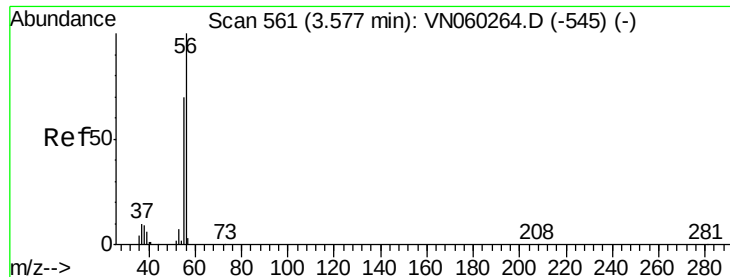


#12

1,1-Dichloroethene
 Concen: 18.33 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN060394.D
 Acq: 9 Mar 2020 11:47

Tgt Ion: 96 Resp: 35355
 Ion Ratio Lower Upper
 96 100
 61 159.1 135.4 203.0
 98 62.5 51.6 77.4





#13

Acrolein

Concen: 90.50 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

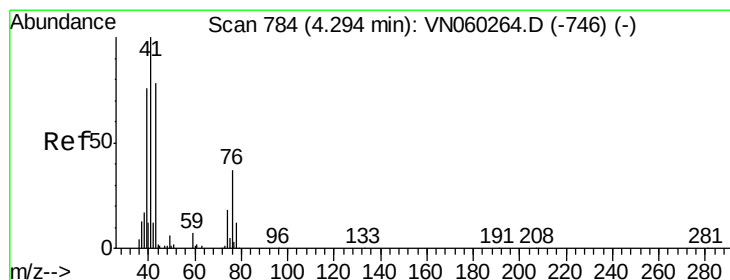
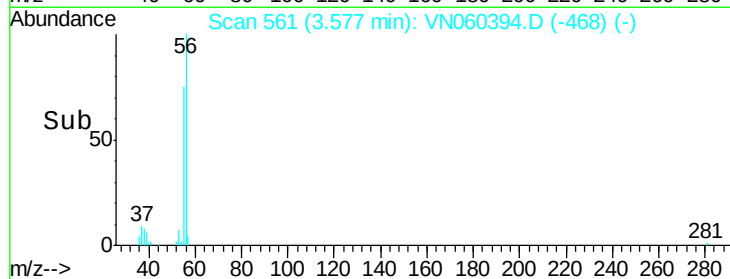
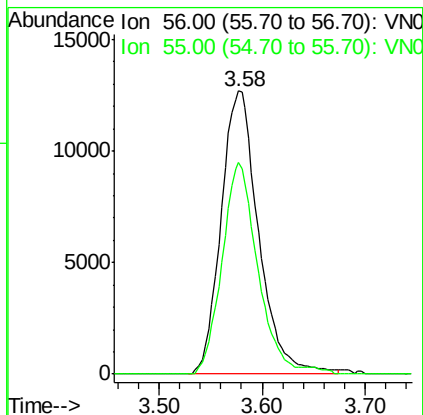
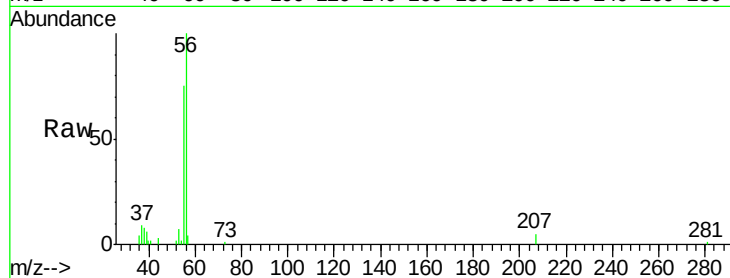
VN0309WBSD01

Tgt Ion: 56 Resp: 32214

Ion Ratio Lower Upper

56 100

55 71.4 57.4 86.0



#14

Allyl chloride

Concen: 18.76 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

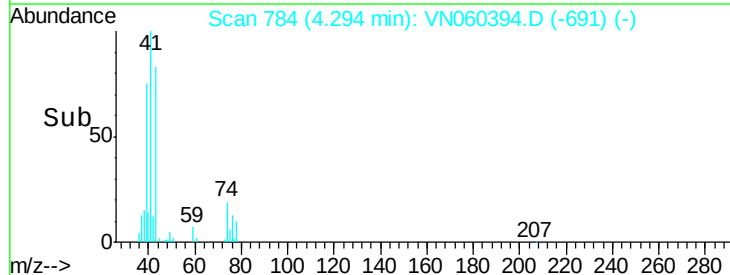
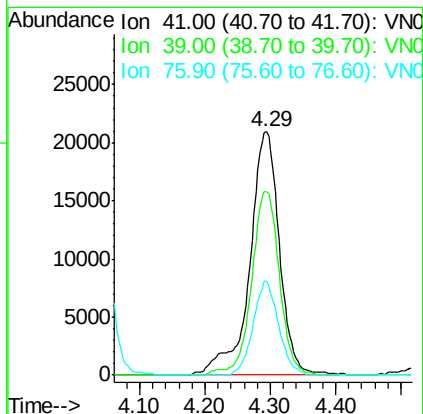
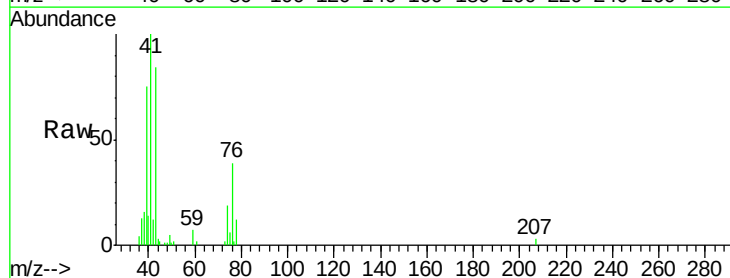
Tgt Ion: 41 Resp: 66558

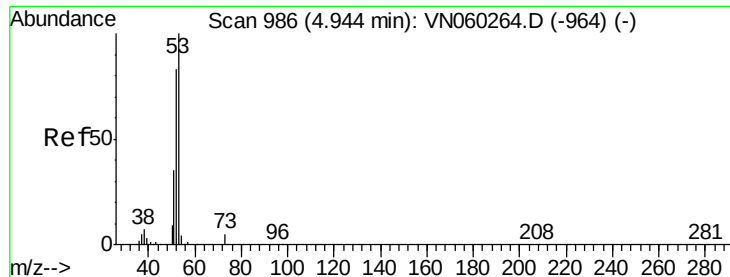
Ion Ratio Lower Upper

41 100

39 70.3 55.4 83.2

76 32.8 27.0 40.6





#15

Acrylonitrile

Concen: 102.57 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN0309WBSD01

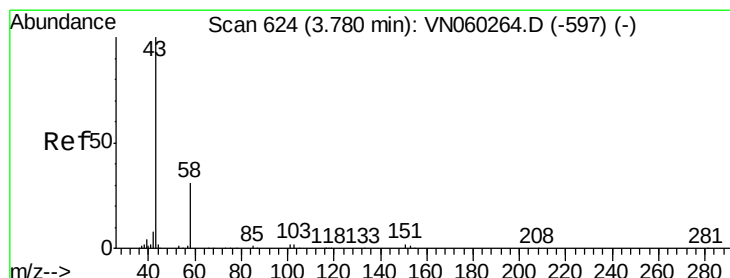
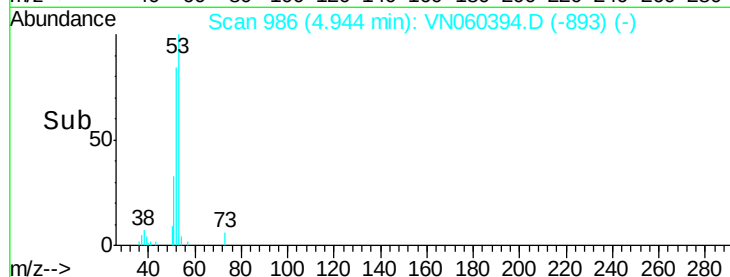
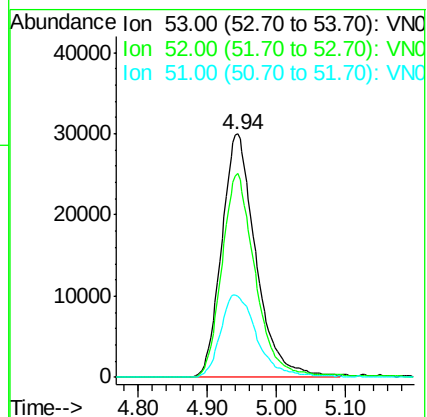
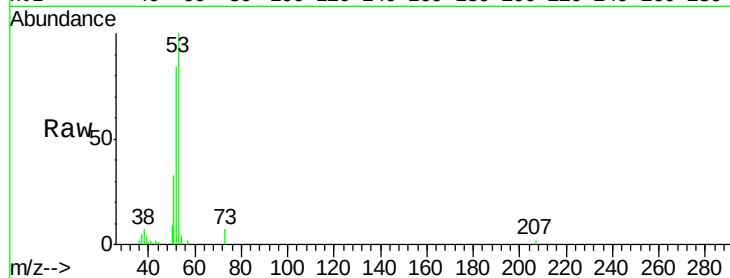
Tgt Ion: 53 Resp: 103149

Ion Ratio Lower Upper

53 100

52 80.9 66.8 100.2

51 36.1 29.0 43.6



#16

Acetone

Concen: 99.85 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060394.D

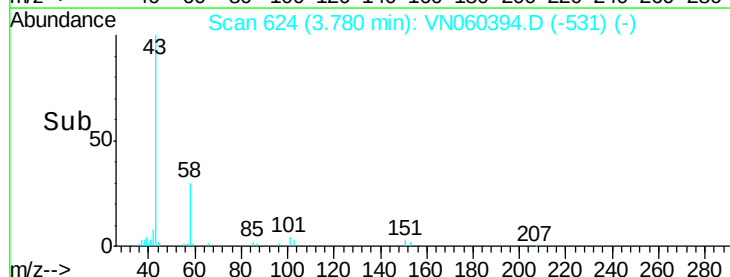
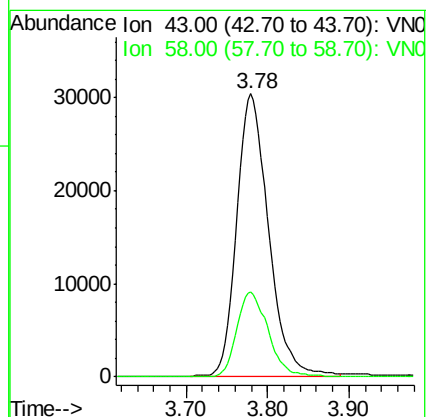
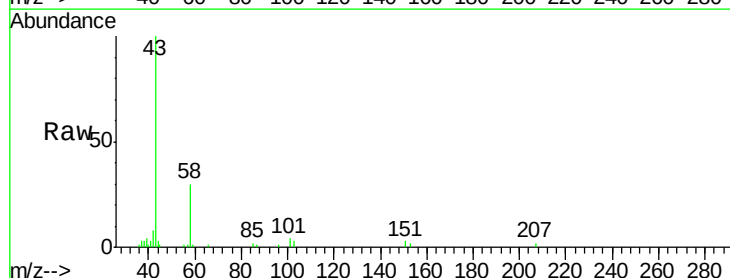
Acq: 9 Mar 2020 11:47

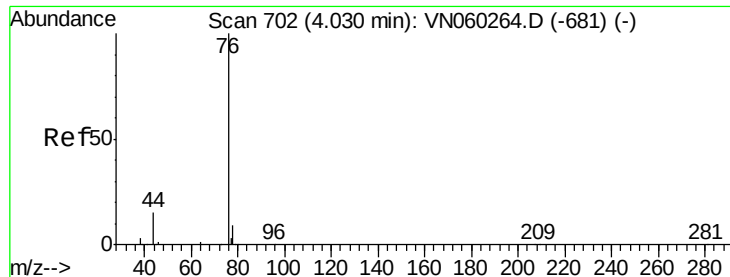
Tgt Ion: 43 Resp: 82854

Ion Ratio Lower Upper

43 100

58 30.1 24.6 36.8

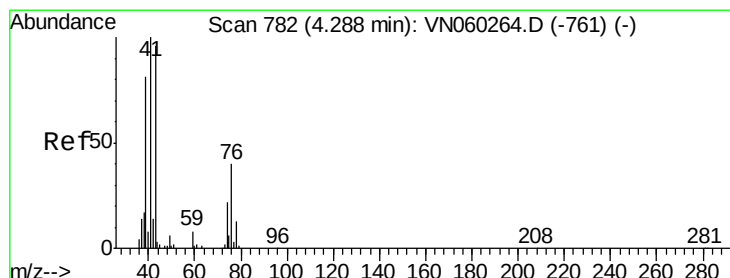
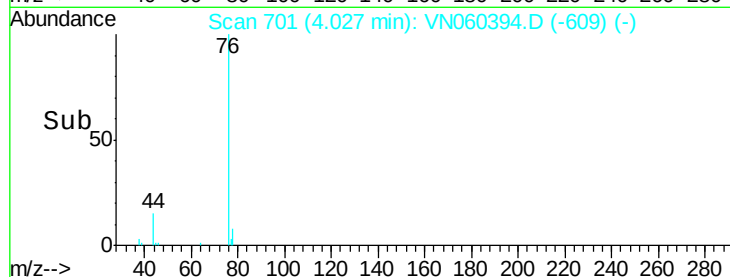
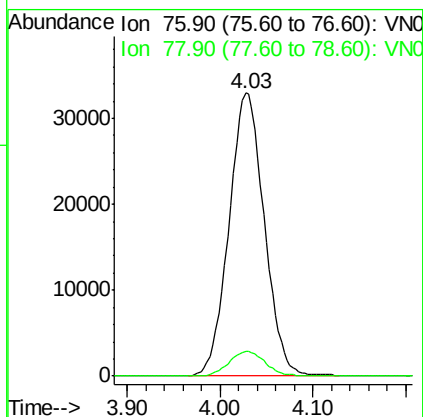
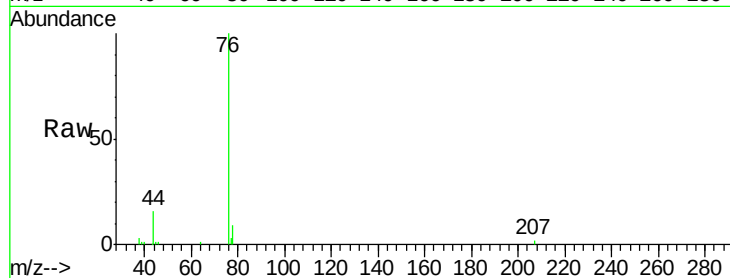




#17
Carbon Disulfide
Concen: 16.54 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

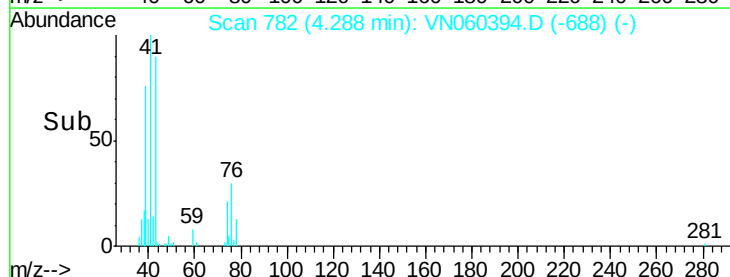
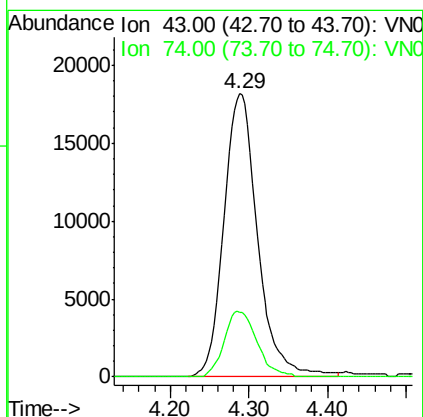
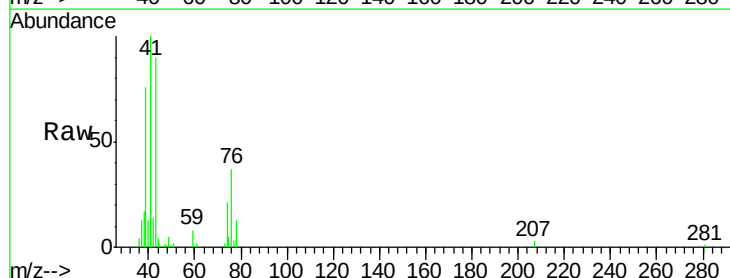
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01

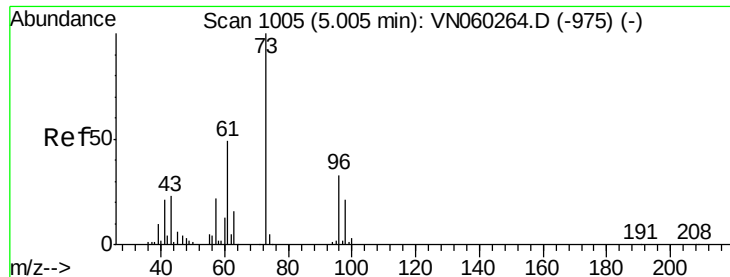
Tgt Ion: 76 Resp: 86886
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 19.55 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

Tgt Ion: 43 Resp: 54125
Ion Ratio Lower Upper
43 100
74 22.4 18.8 28.2

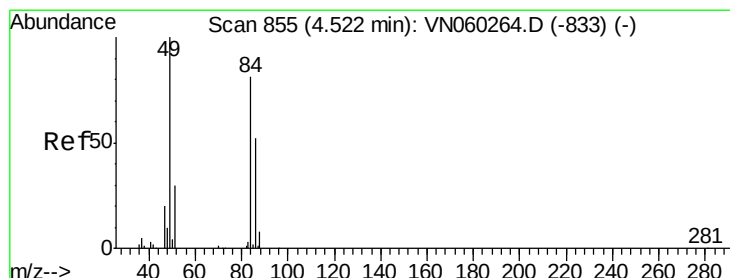
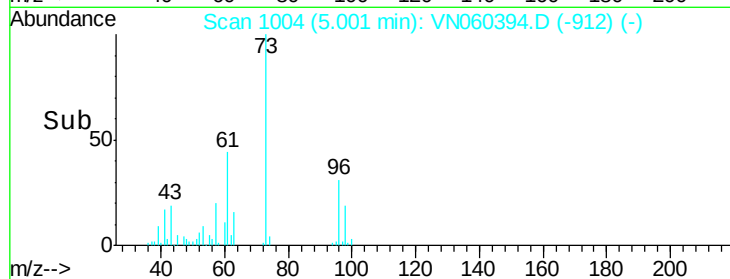
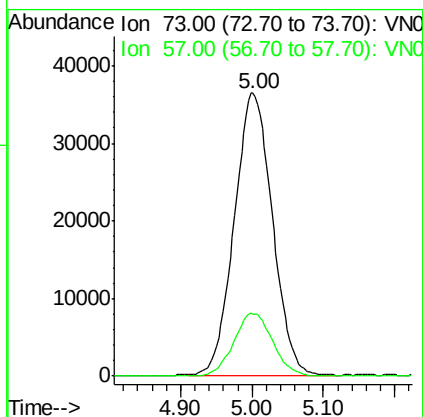
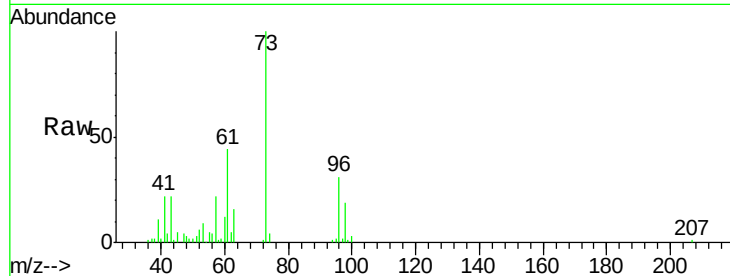




#19
Methyl tert-butyl Ether
Concen: 19.52 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

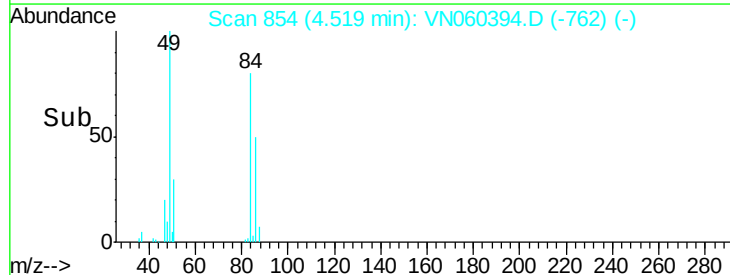
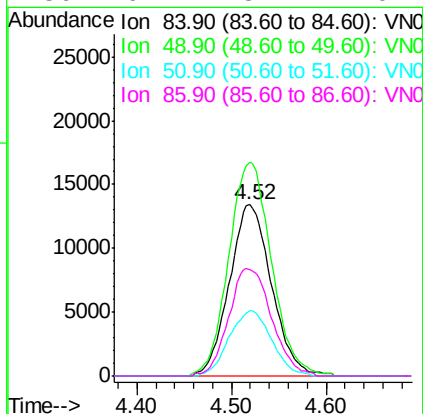
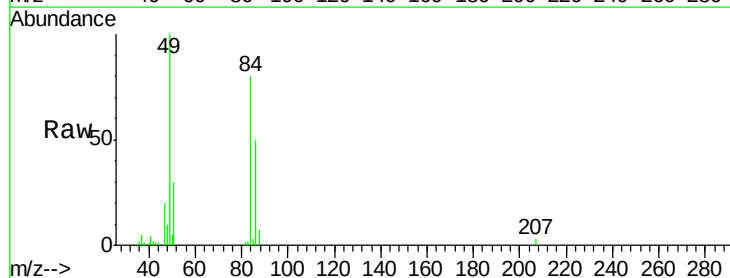
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01

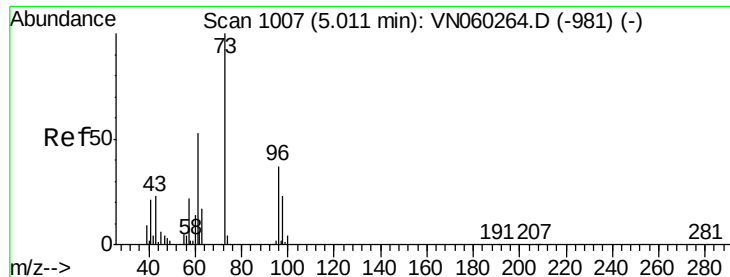
Tgt Ion: 73 Resp: 136365
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9



#20
Methylene Chloride
Concen: 18.26 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

Tgt Ion: 84 Resp: 41615
Ion Ratio Lower Upper
84 100
49 124.7 99.3 148.9
51 37.8 30.1 45.1
86 62.2 51.1 76.7

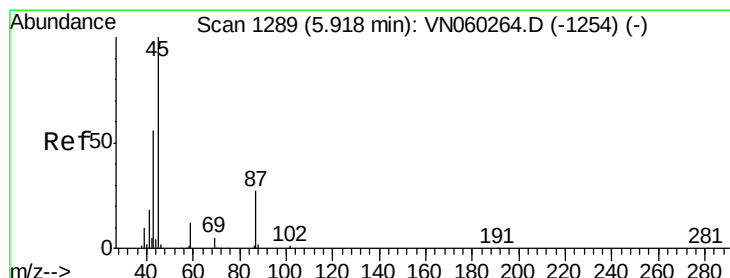
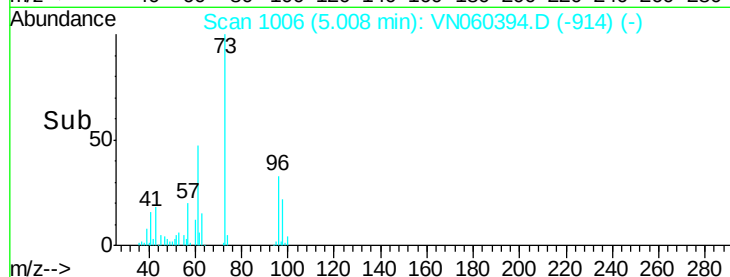
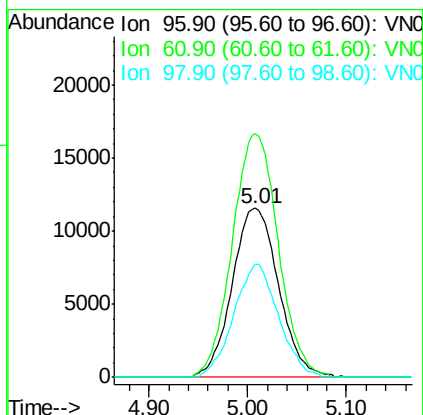
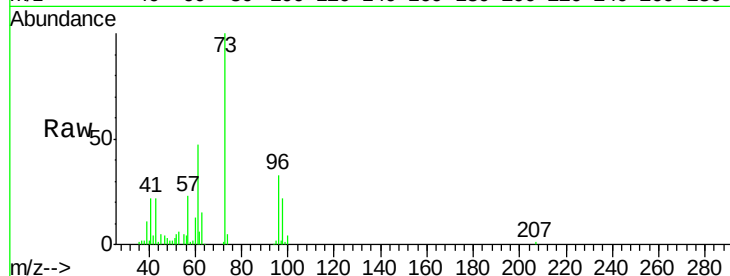




#21
trans-1,2-Dichloroethene
Concen: 18.01 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

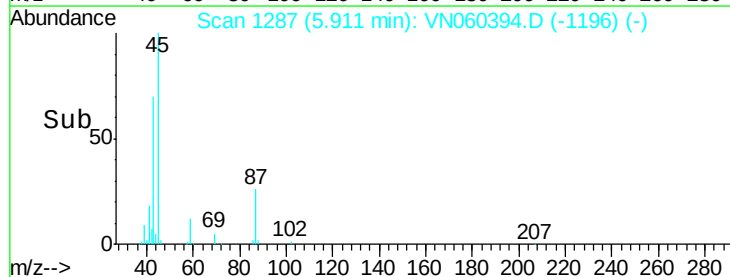
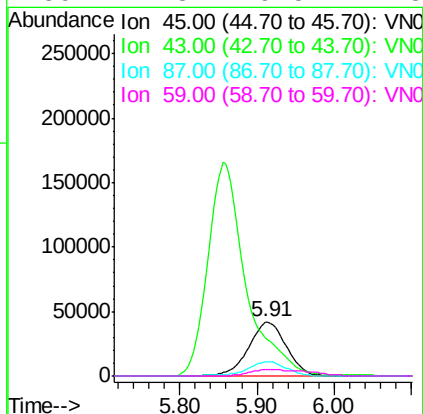
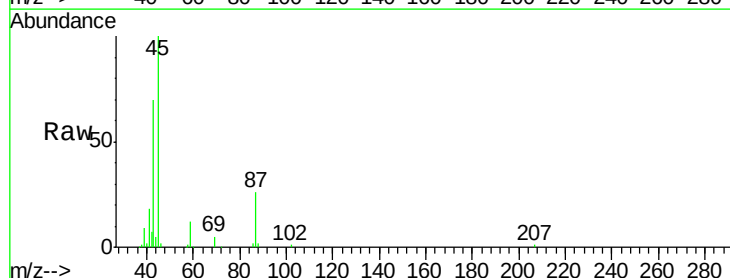
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01

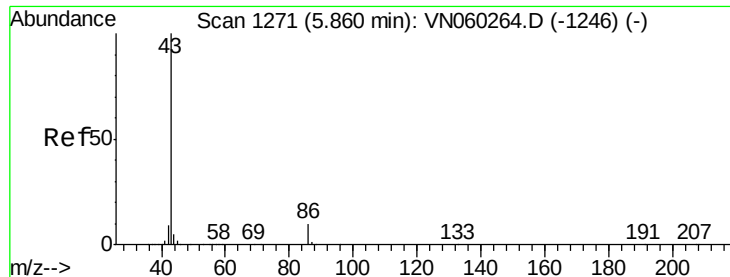
Tgt Ion: 96 Resp: 37794
Ion Ratio Lower Upper
96 100
61 143.8 113.8 170.8
98 66.5 48.8 73.2



#22
Diisopropyl ether
Concen: 19.90 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. -0.01 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

Tgt Ion: 45 Resp: 142978
Ion Ratio Lower Upper
45 100
43 67.3 48.6 72.8
87 26.2 22.2 33.2
59 11.8 9.5 14.3





#23

Vinyl Acetate

Concen: 99.49 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

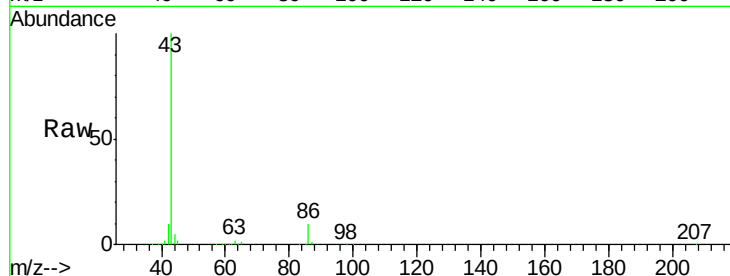
VN0309WBSD01

Tgt Ion: 43 Resp: 568110

Ion Ratio Lower Upper

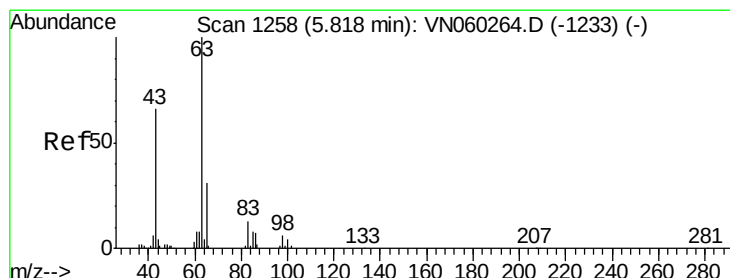
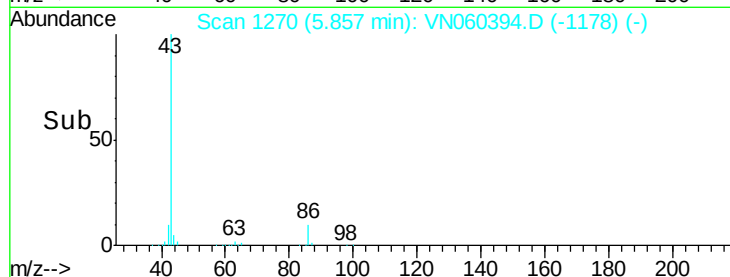
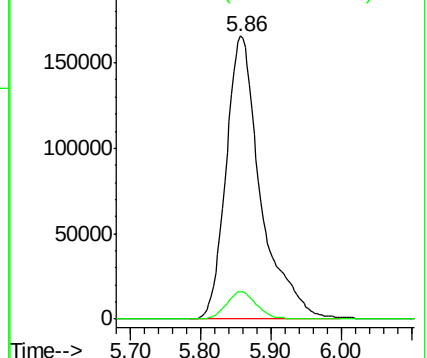
43 100

86 9.8 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.99 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

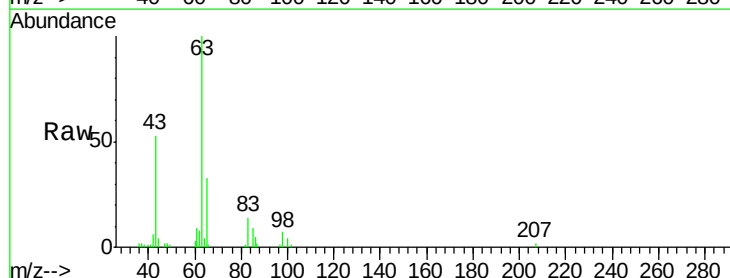
Tgt Ion: 63 Resp: 77246

Ion Ratio Lower Upper

63 100

98 6.8 3.0 9.0

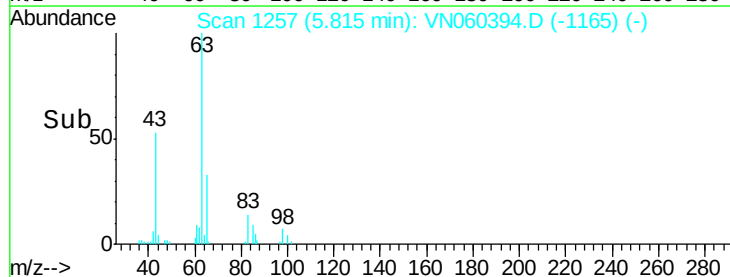
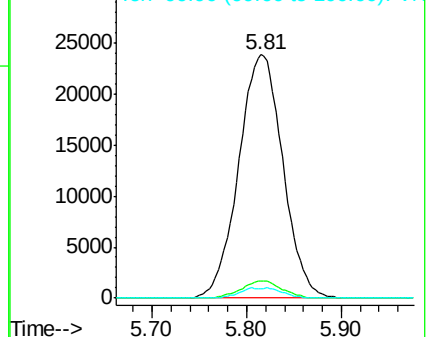
100 3.9 2.0 6.0

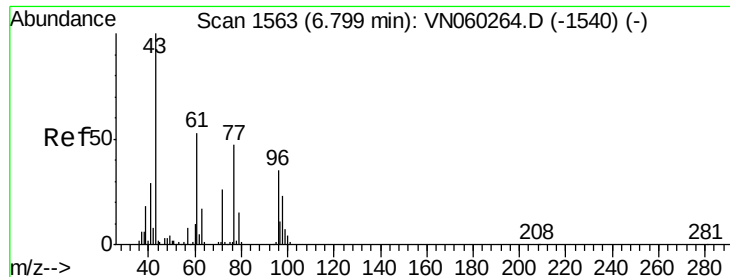


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 101.83 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

Instrument :

MSVOA_N

ClientSampled :

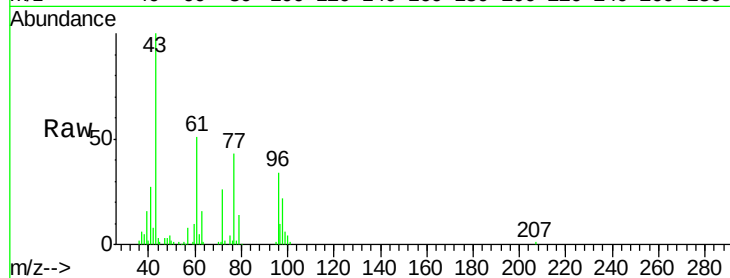
VN0309WBSD01

Tgt Ion: 43 Resp: 136484

Ion Ratio Lower Upper

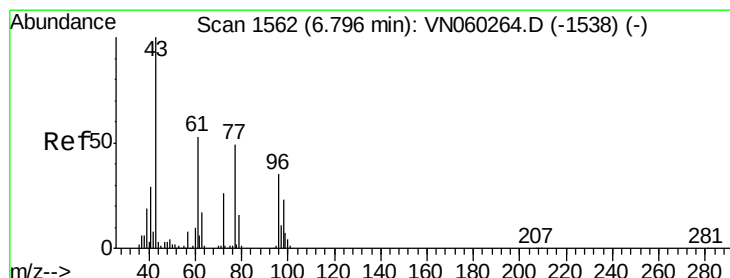
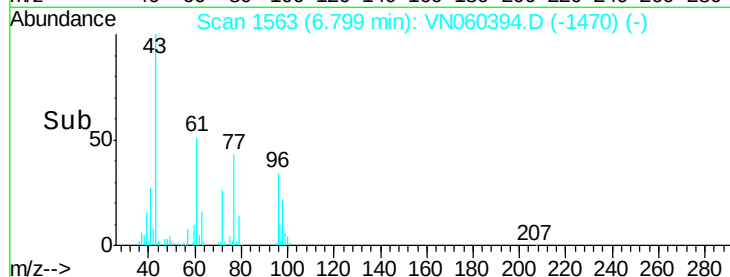
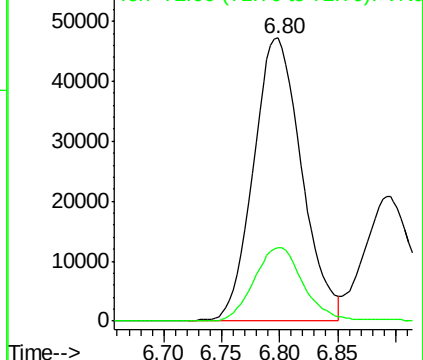
43 100

72 26.0 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 18.61 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. -0.01 min

Lab File: VN060394.D

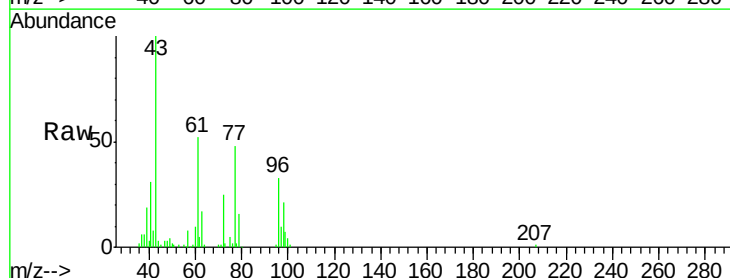
Acq: 9 Mar 2020 11:47

Tgt Ion: 77 Resp: 68907

Ion Ratio Lower Upper

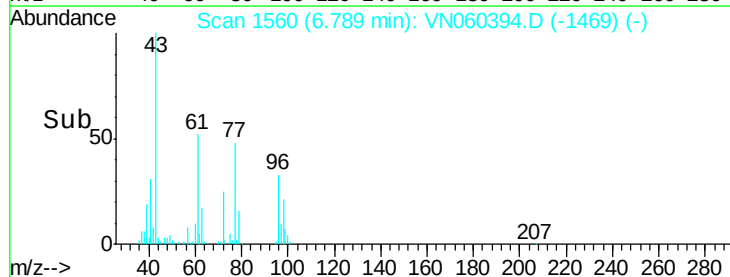
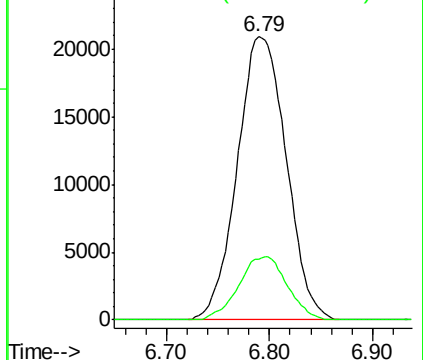
77 100

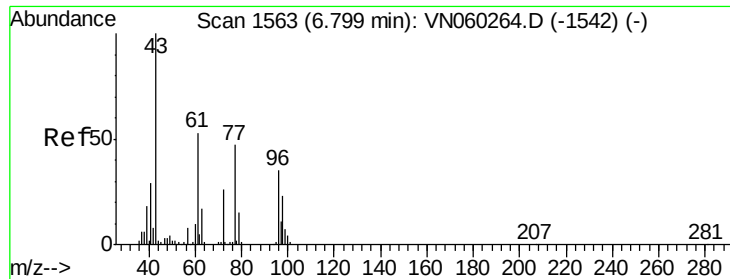
97 22.1 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

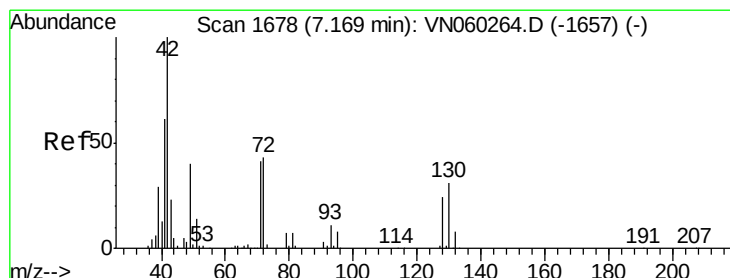
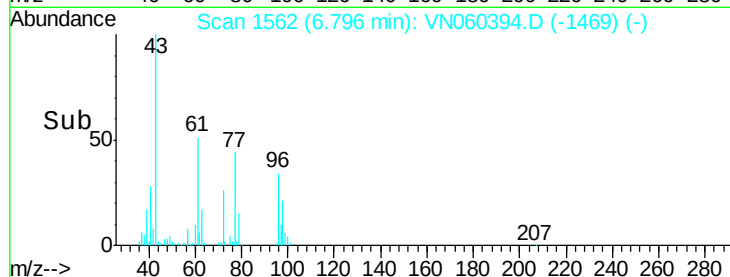
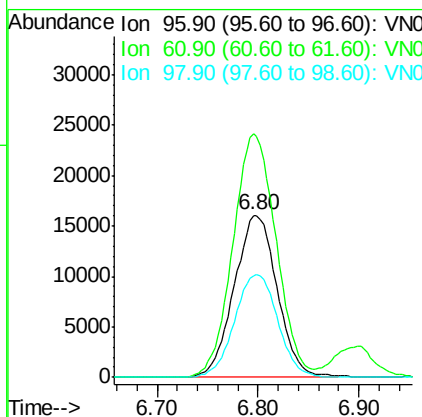
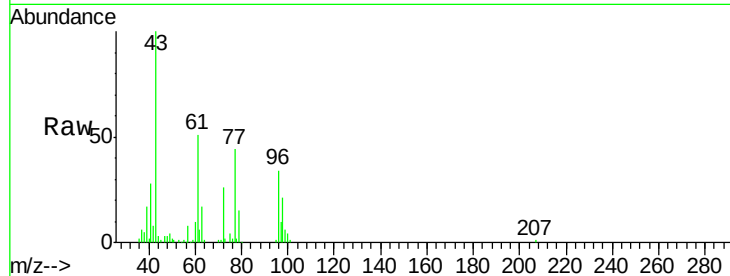




#27
 cis-1,2-Dichloroethene
 Concen: 18.01 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: VN060394.D
 Acq: 9 Mar 2020 11:47

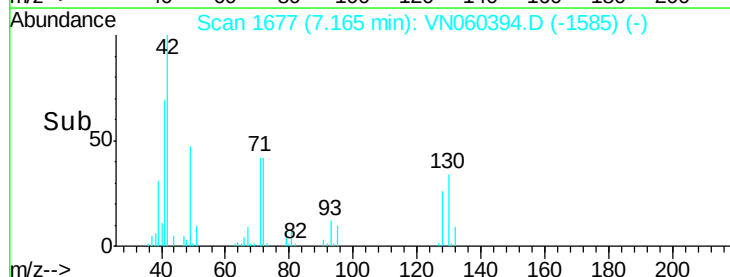
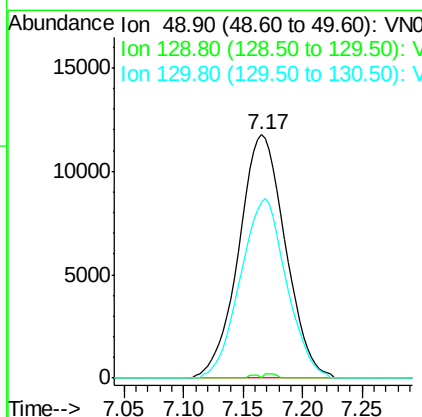
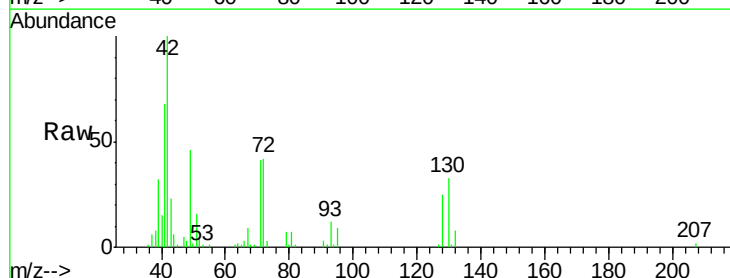
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBSD01

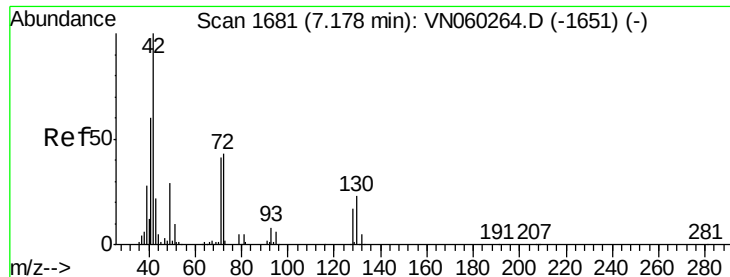
Tgt Ion: 96 Resp: 47596
 Ion Ratio Lower Upper
 96 100
 61 150.8 0.0 300.8
 98 63.3 0.0 128.2



#28
 Bromochloromethane
 Concen: 19.15 ug/l
 RT: 7.17 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: VN060394.D
 Acq: 9 Mar 2020 11:47

Tgt Ion: 49 Resp: 31980
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 3.8
 130 72.6 59.8 89.8





#29

Tetrahydrofuran

Concen: 100.43 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN0309WBSD01

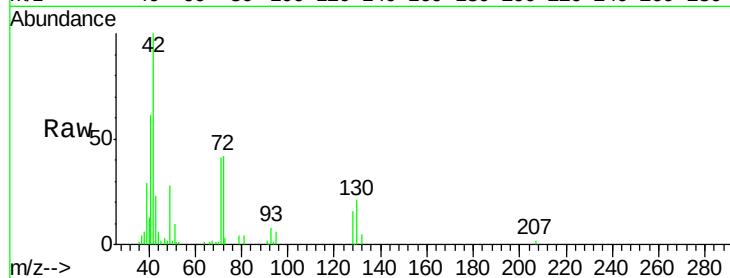
Tgt Ion: 42 Resp: 93602

Ion Ratio Lower Upper

42 100

72 42.4 34.6 52.0

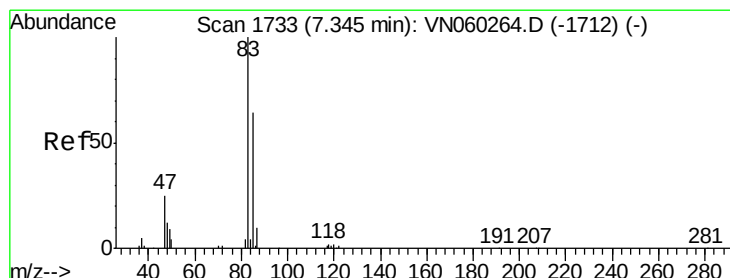
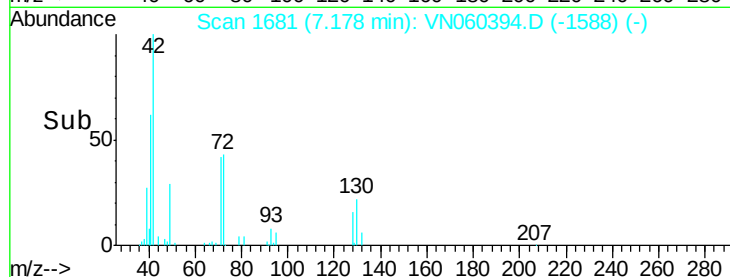
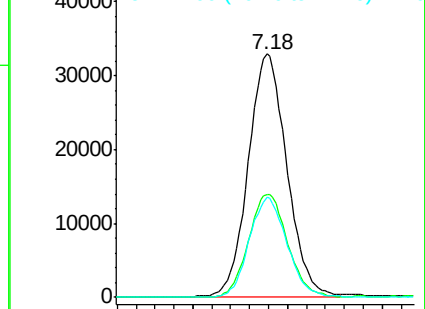
71 40.0 32.9 49.3



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 19.41 ug/l

RT: 7.35 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VN060394.D

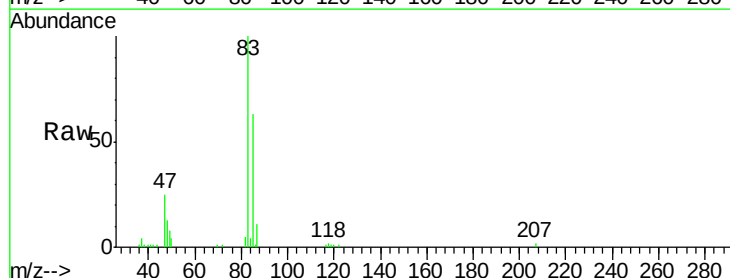
Acq: 9 Mar 2020 11:47

Tgt Ion: 83 Resp: 78586

Ion Ratio Lower Upper

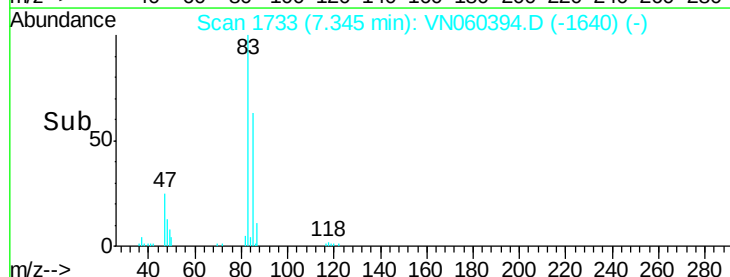
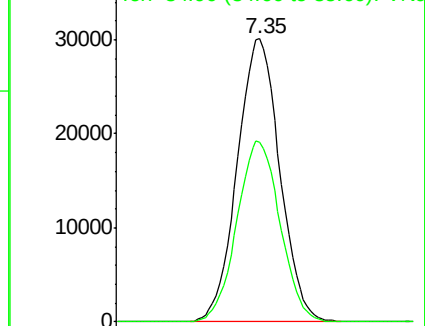
83 100

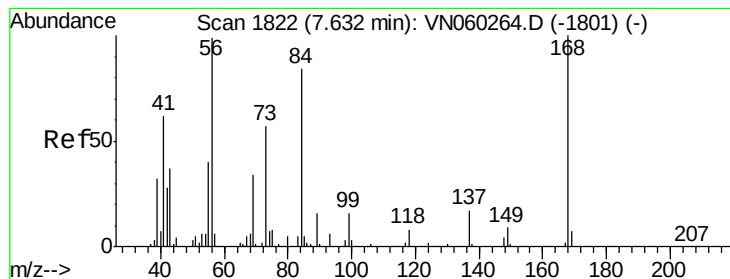
85 63.5 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.54 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN0309WBSD01

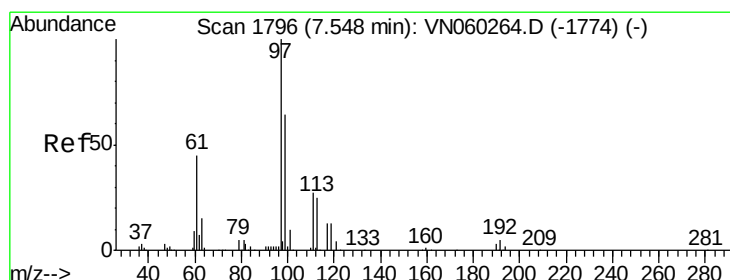
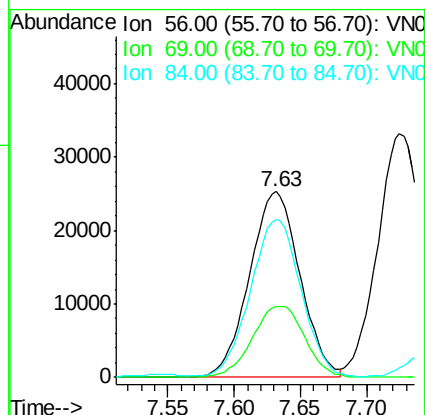
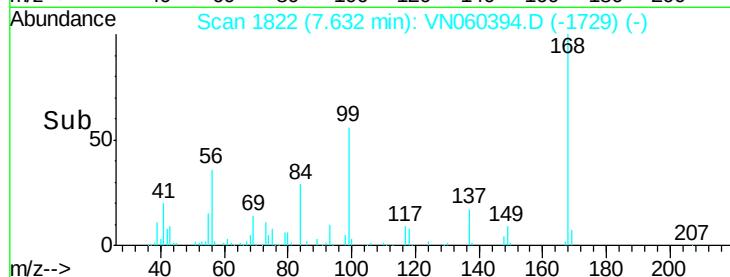
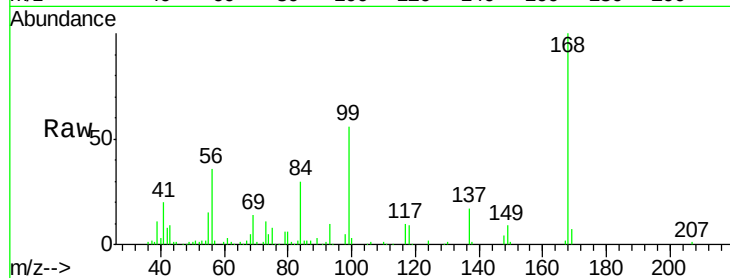
Tgt Ion: 56 Resp: 67283

Ion Ratio Lower Upper

56 100

69 38.3 27.2 40.8

84 84.2 66.7 100.1



#32

1,1,1-Trichloroethane

Concen: 18.58 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

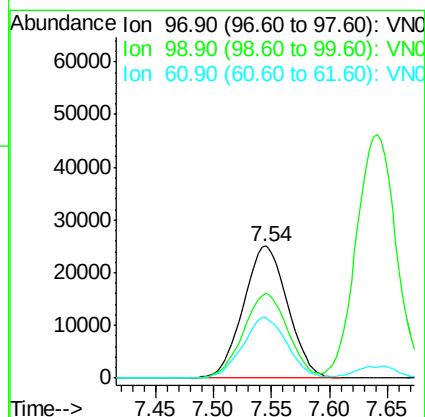
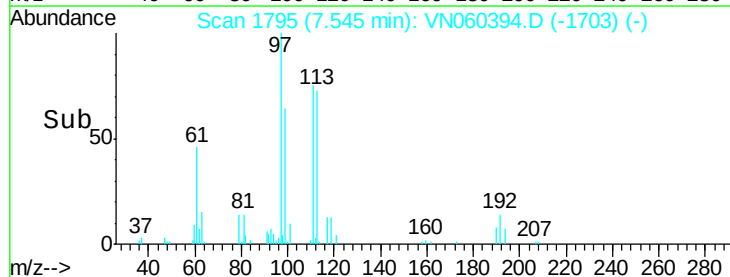
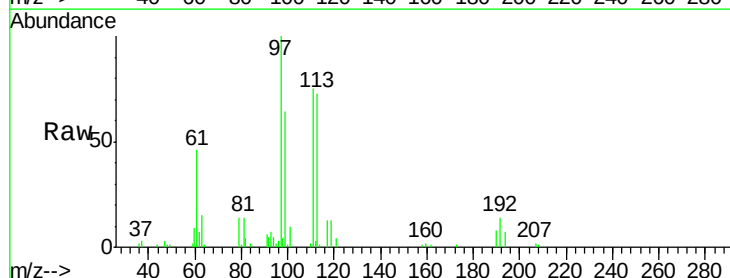
Tgt Ion: 97 Resp: 66655

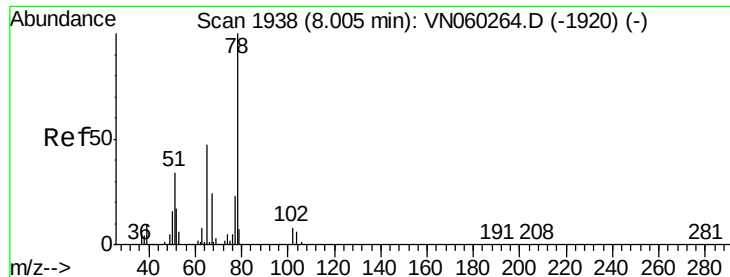
Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.0

61 46.0 36.6 55.0

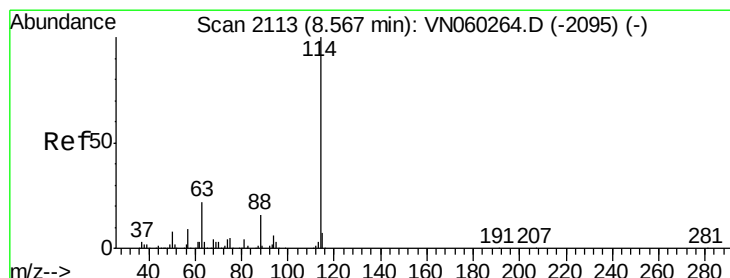
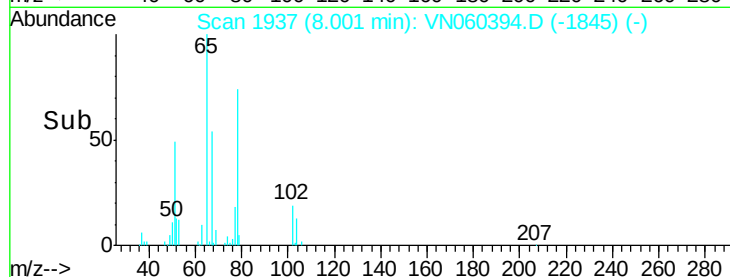
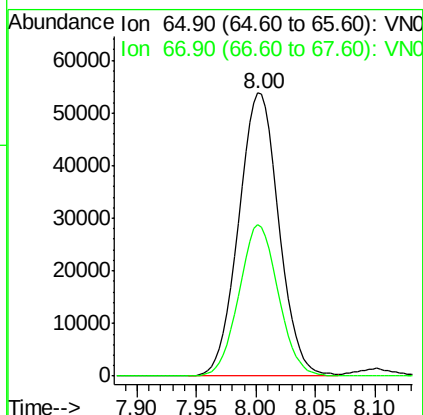
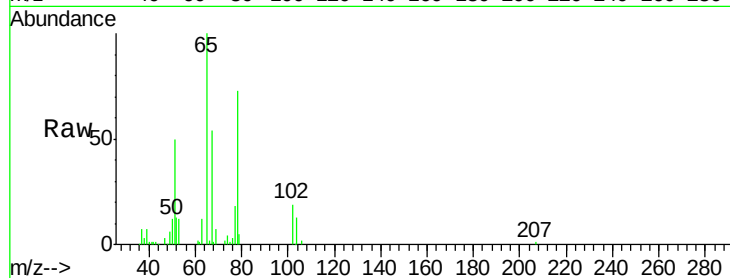




#33
 1,2-Dichloroethane-d4
 Concen: 49.10 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060394.D
 Acq: 9 Mar 2020 11:47

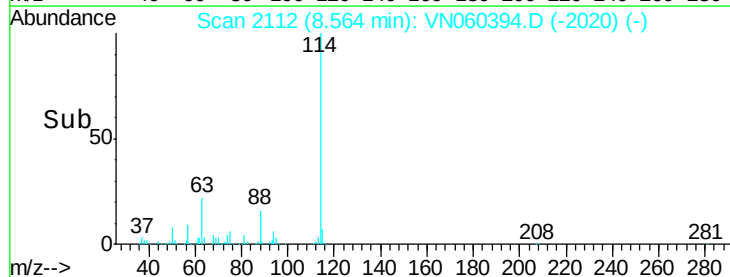
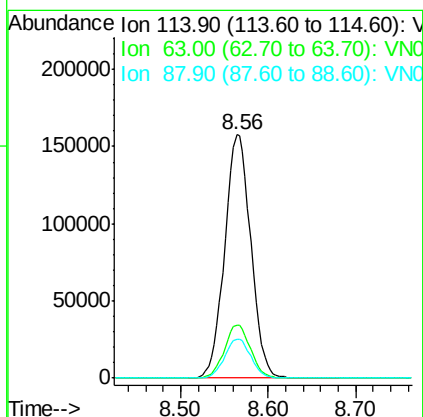
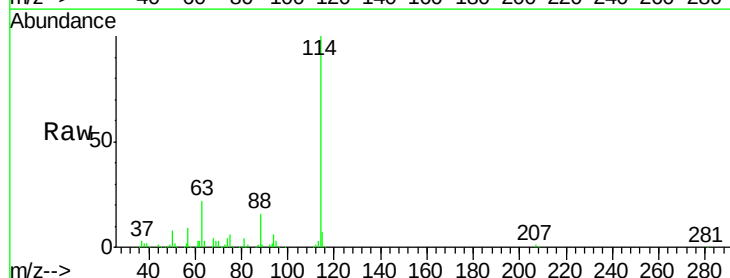
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBSD01

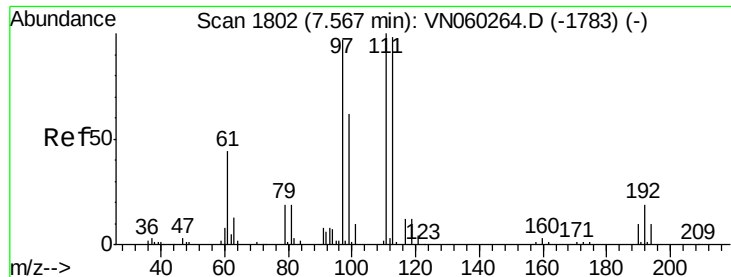
Tgt Ion: 65 Resp: 126157
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060394.D
 Acq: 9 Mar 2020 11:47

Tgt Ion: 114 Resp: 327012
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.2
 88 16.0 0.0 31.6

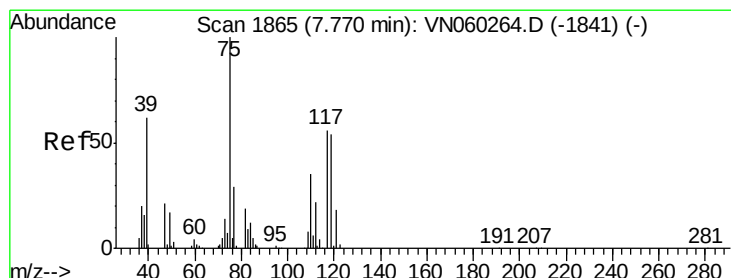
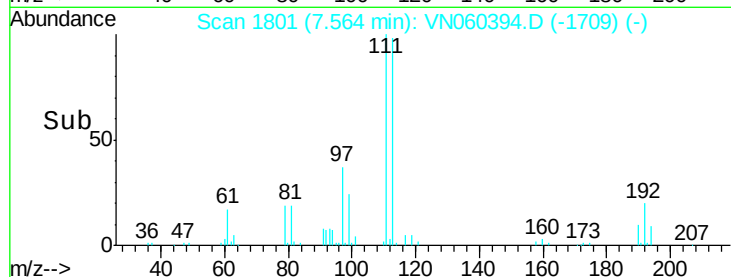
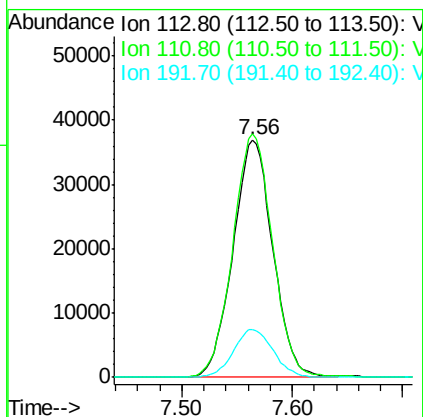
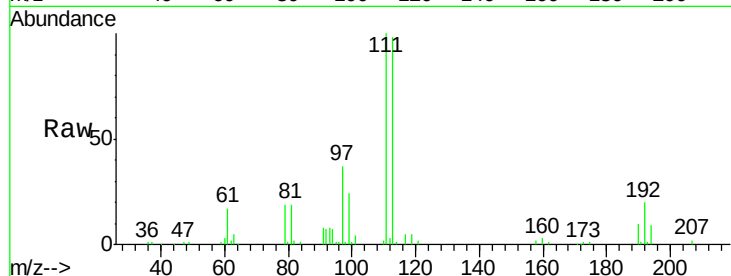




#35
Dibromofluoromethane
Concen: 60.75 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

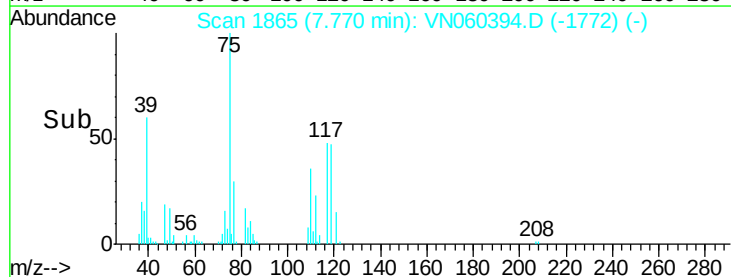
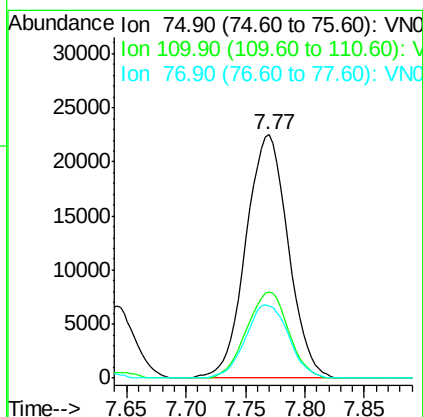
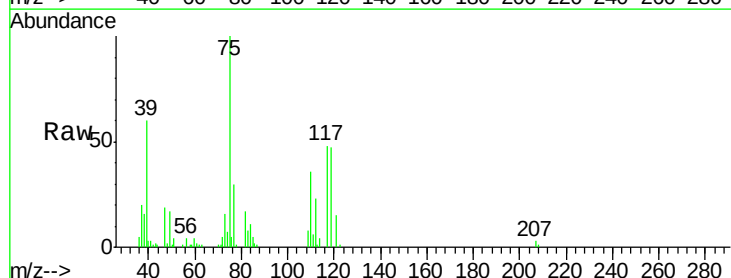
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01

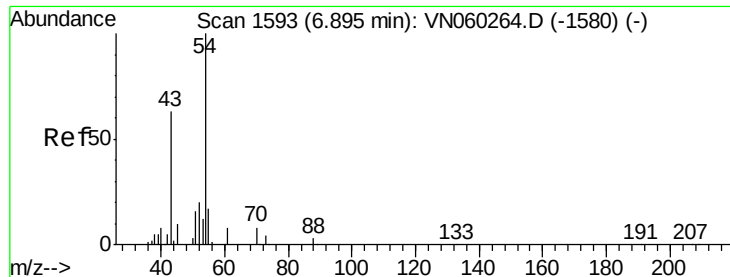
Tgt Ion:113 Resp: 92212
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 20.1 16.2 24.2



#36
1,1-Dichloropropene
Concen: 17.78 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

Tgt Ion: 75 Resp: 55419
Ion Ratio Lower Upper
75 100
110 35.1 17.3 52.0
77 30.6 24.2 36.2

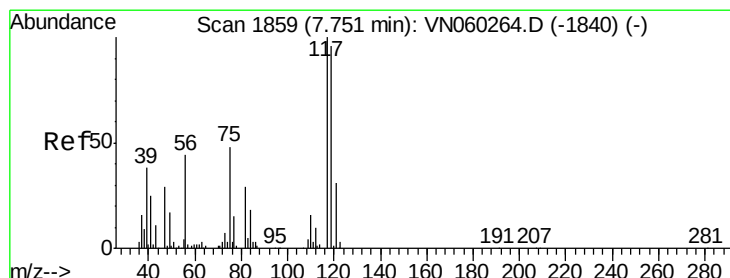
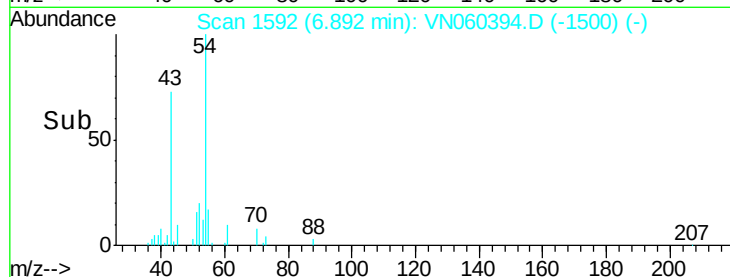
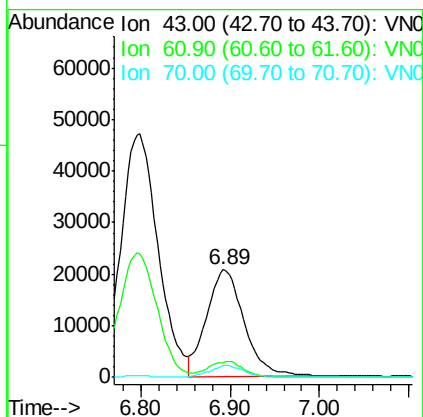
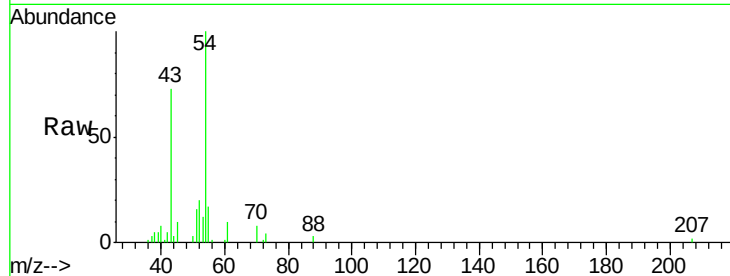




#37
Ethyl Acetate
Concen: 20.69 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

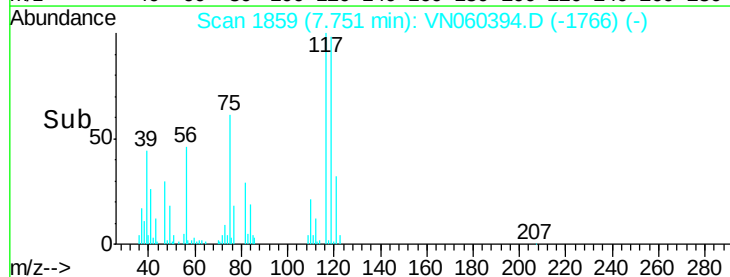
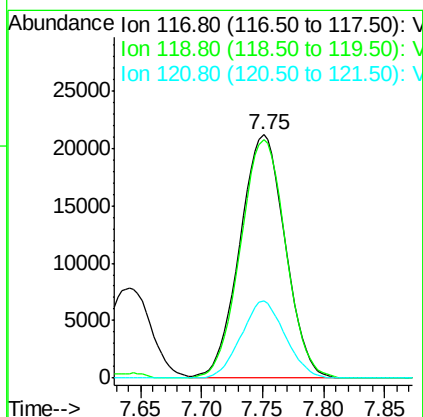
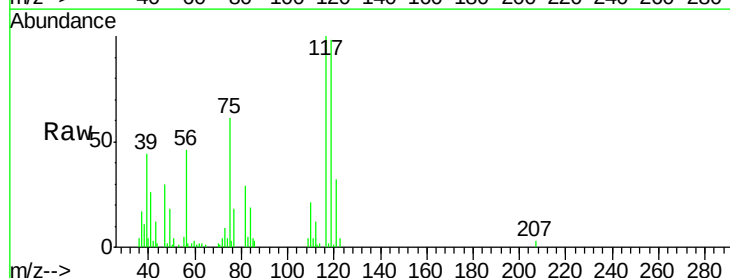
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01

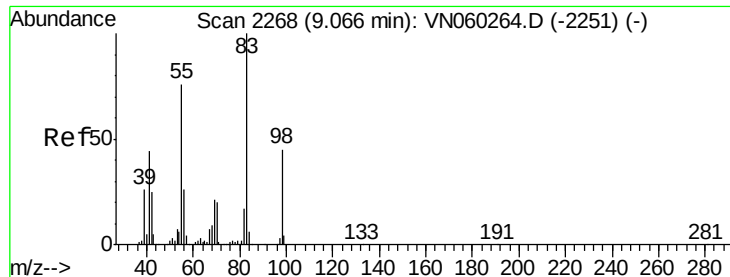
Tgt Ion: 43 Resp: 61045
Ion Ratio Lower Upper
43 100
61 14.1 11.1 16.7
70 9.8 8.4 12.6



#38
Carbon Tetrachloride
Concen: 17.98 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

Tgt Ion: 117 Resp: 54573
Ion Ratio Lower Upper
117 100
119 98.0 76.7 115.1
121 31.7 24.5 36.7

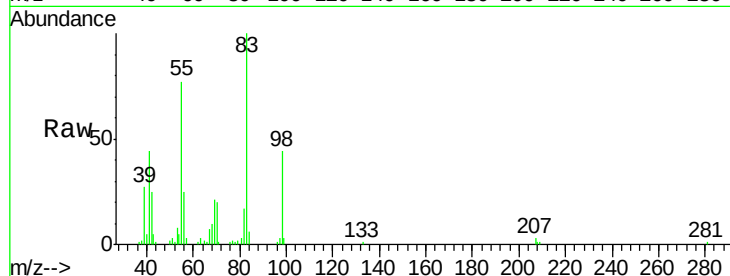




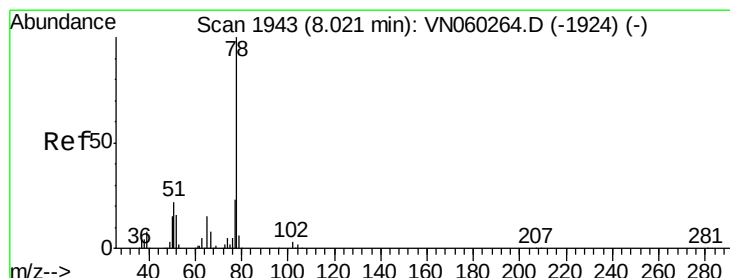
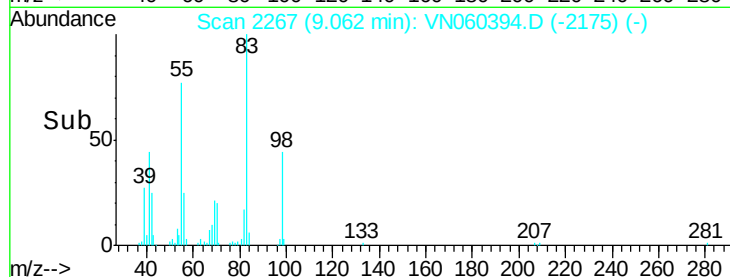
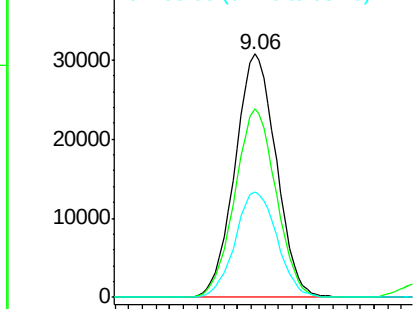
#39
Methylcyclohexane
Concen: 17.53 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01

Tgt Ion: 83 Resp: 64399
Ion Ratio Lower Upper
83 100
55 77.2 61.0 91.4
98 43.5 36.1 54.1

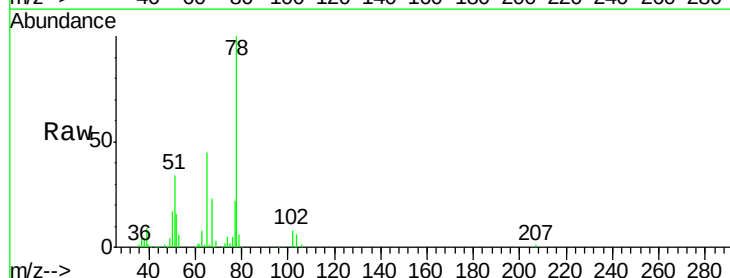


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

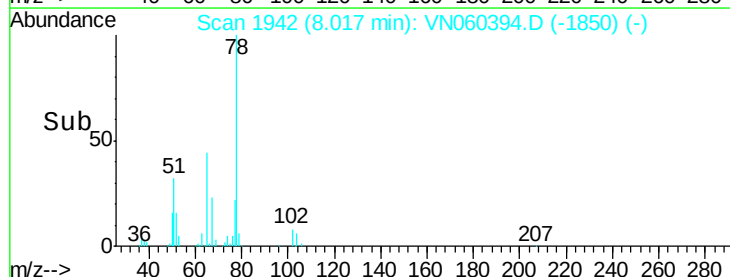
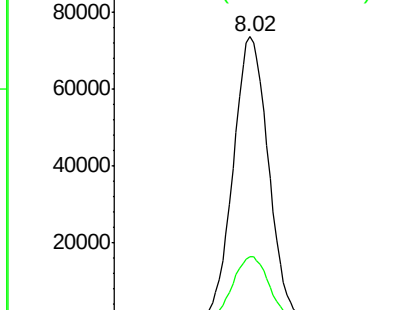


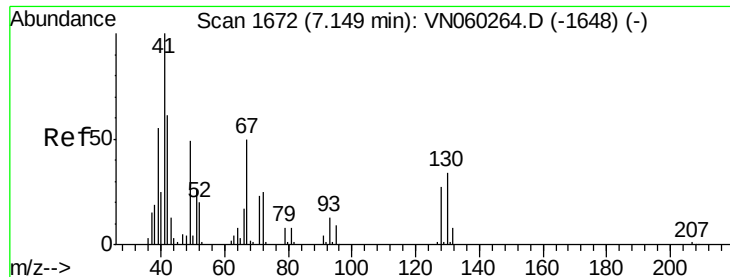
#40
Benzene
Concen: 18.83 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

Tgt Ion: 78 Resp: 170782
Ion Ratio Lower Upper
78 100
77 22.4 18.8 28.2



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

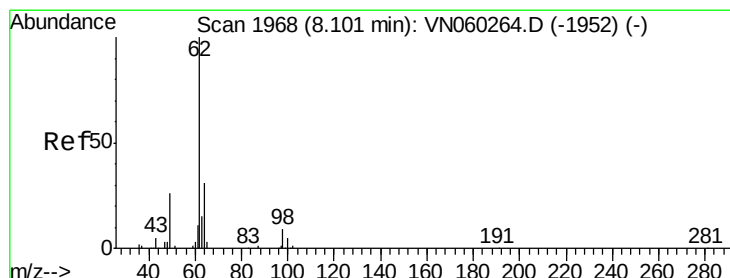
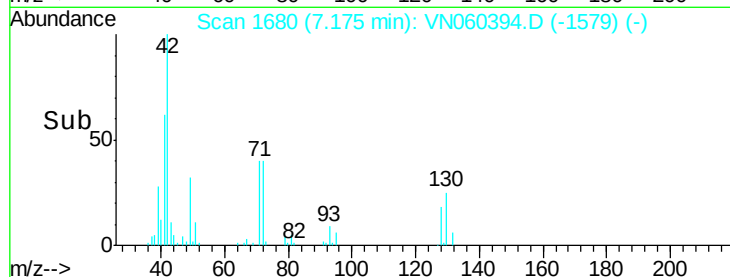
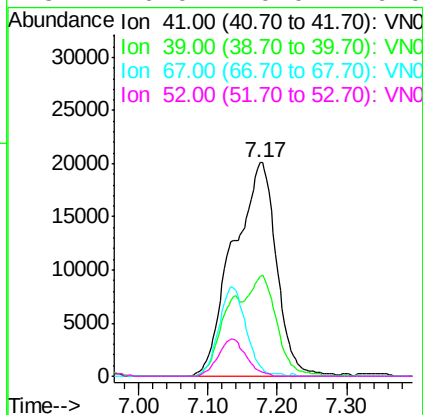
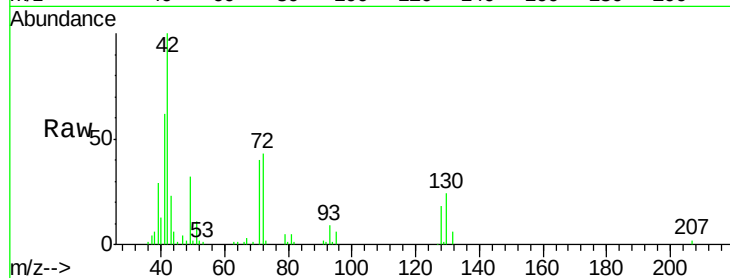




#41
Methacrylonitrile
Concen: 64.11 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

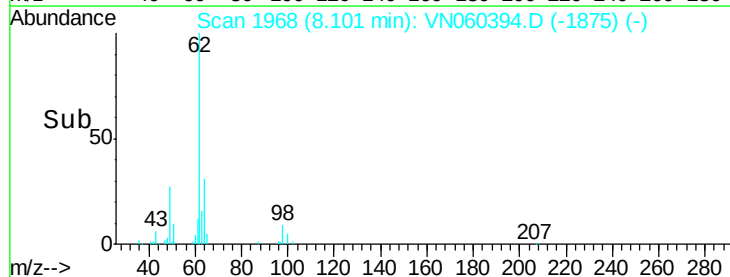
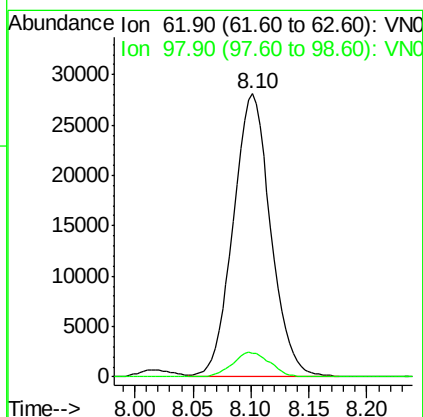
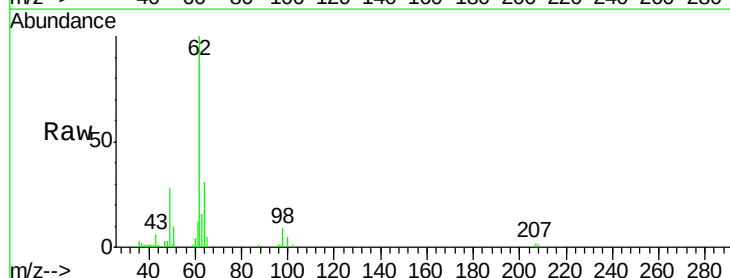
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01

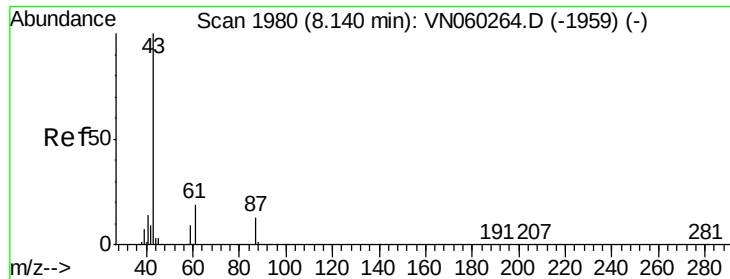
Tgt Ion:	41	Resp:	87357
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.33 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

Tgt Ion:	62	Resp:	63270
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0





#43

Isopropyl Acetate

Concen: 20.31 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN0309WBSD01

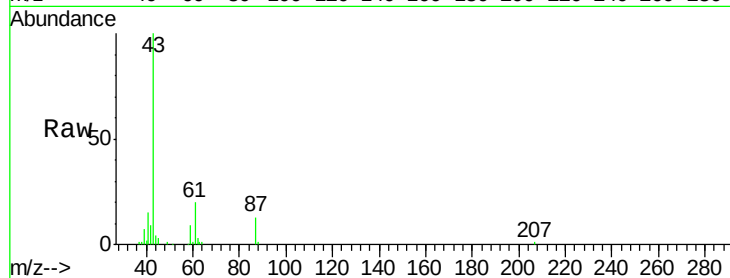
Tgt Ion: 43 Resp: 104903

Ion Ratio Lower Upper

43 100

61 25.9 20.9 31.3

87 12.6 10.6 16.0

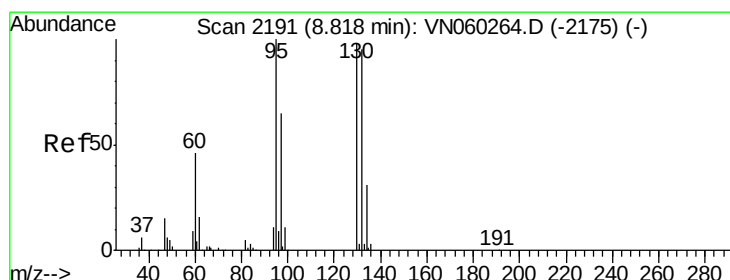
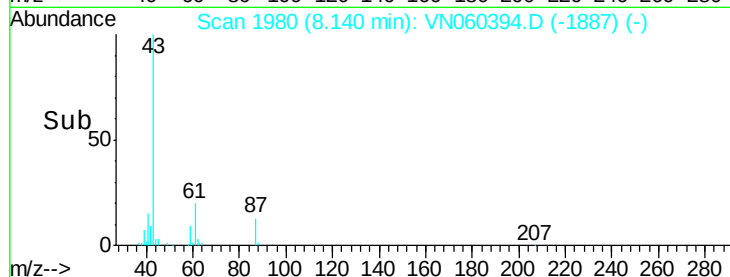
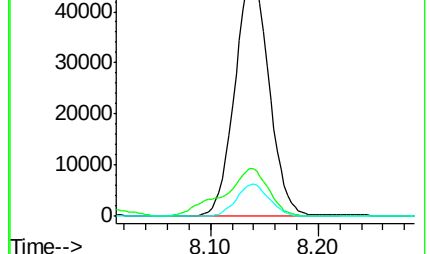


Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060264.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060264.D (-1959) (-)

Time-->



#44

Trichloroethene

Concen: 18.28 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060394.D

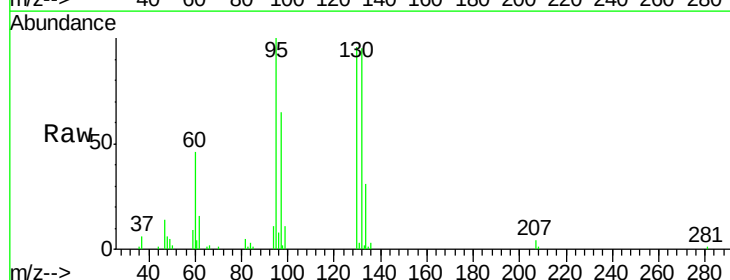
Acq: 9 Mar 2020 11:47

Tgt Ion: 130 Resp: 46179

Ion Ratio Lower Upper

130 100

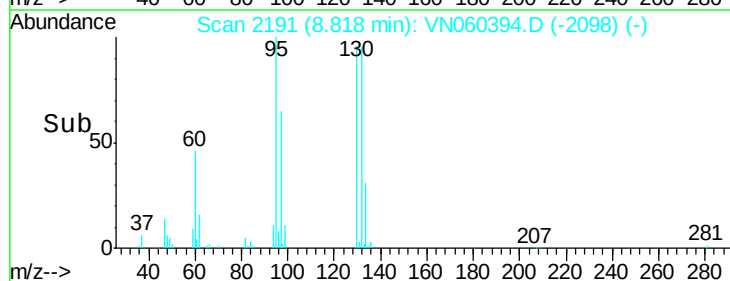
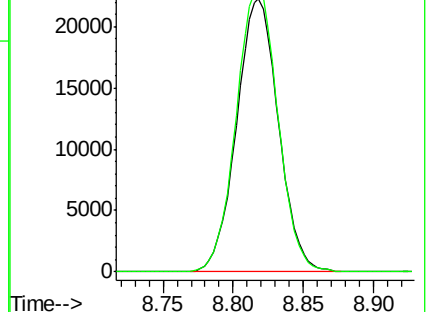
95 103.9 0.0 203.4

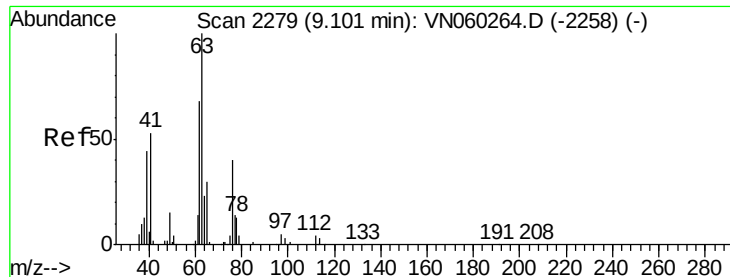


Abundance Ion 129.80 (129.50 to 130.50): VN060264.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN060264.D (-2175) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 20.21 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

Instrument :

MSVOA_N

ClientSampled :

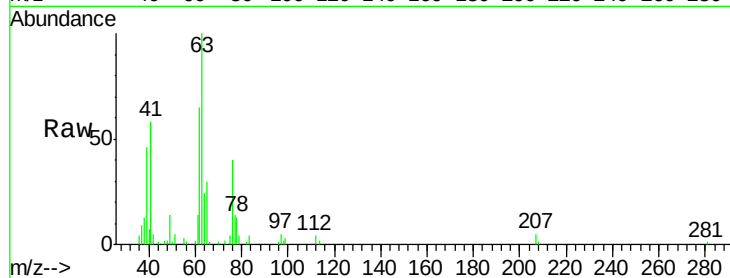
VN0309WBSD01

Tgt Ion: 63 Resp: 47939

Ion Ratio Lower Upper

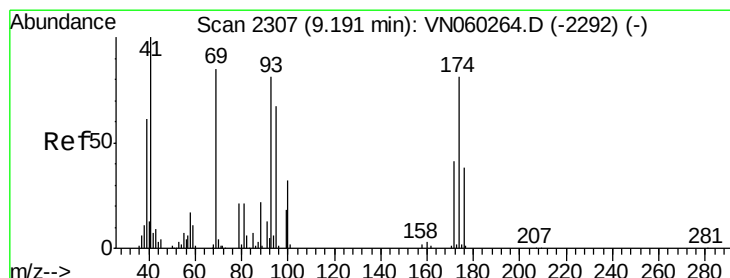
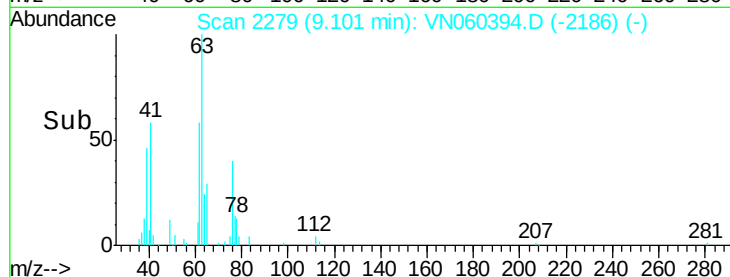
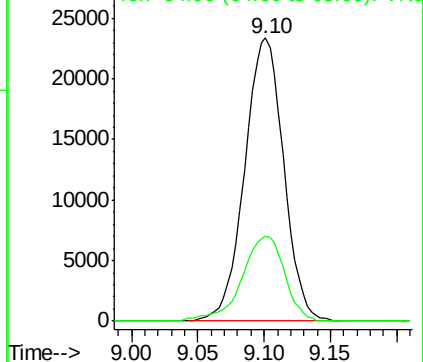
63 100

65 30.0 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.17 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

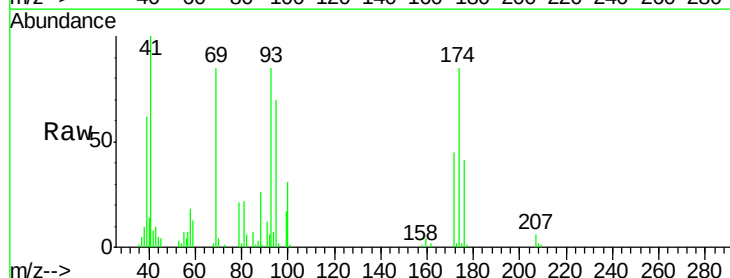
Tgt Ion: 93 Resp: 29500

Ion Ratio Lower Upper

93 100

95 82.0 65.9 98.9

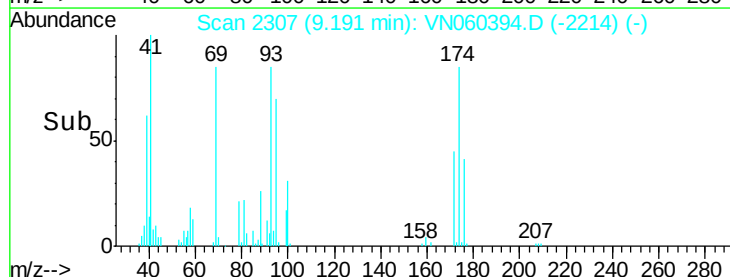
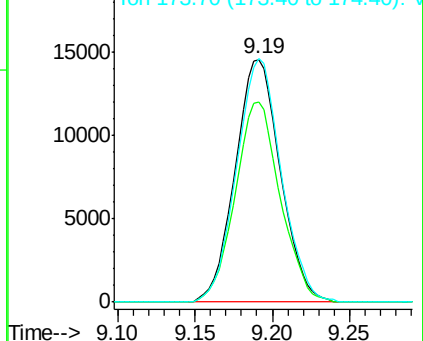
174 99.3 79.6 119.4

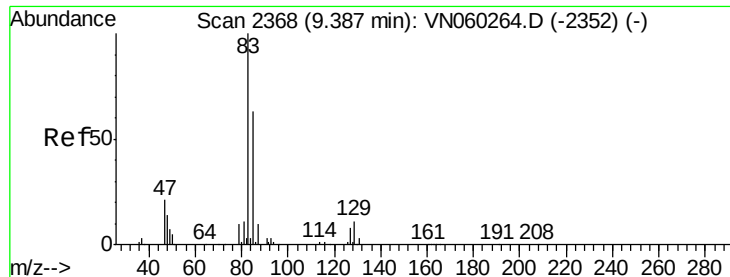


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.55 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN0309WBSD01

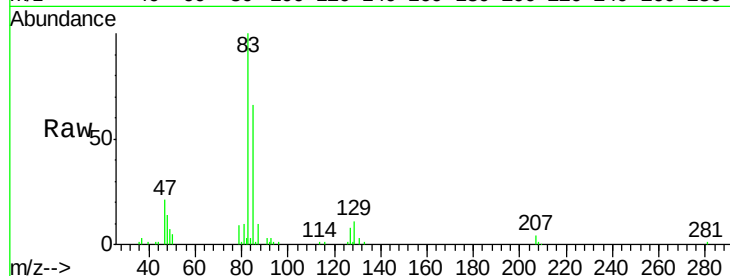
Tgt Ion: 83 Resp: 61177

Ion Ratio Lower Upper

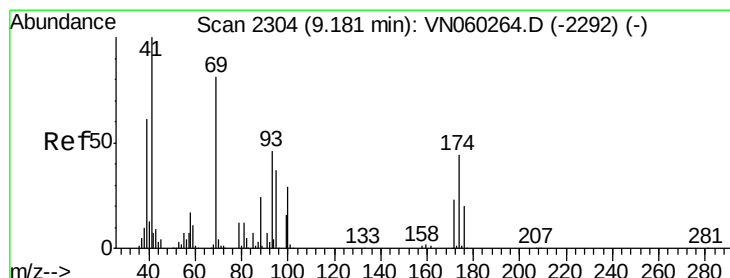
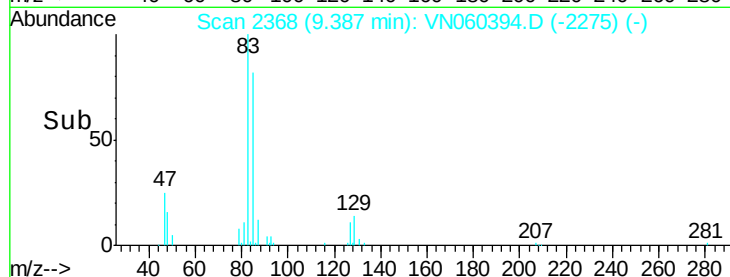
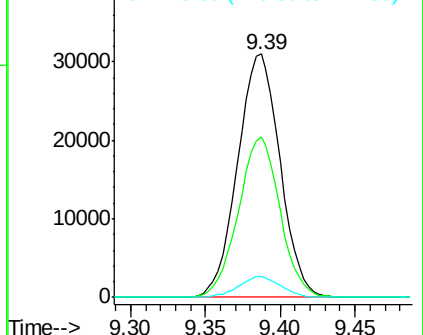
83 100

85 65.8 50.7 76.1

127 8.5 6.8 10.2



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



#48

Methyl methacrylate

Concen: 18.75 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

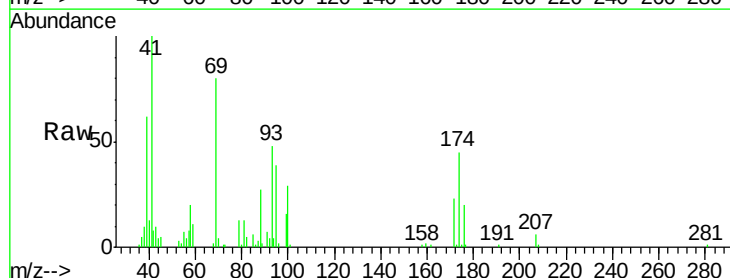
Tgt Ion: 41 Resp: 44176

Ion Ratio Lower Upper

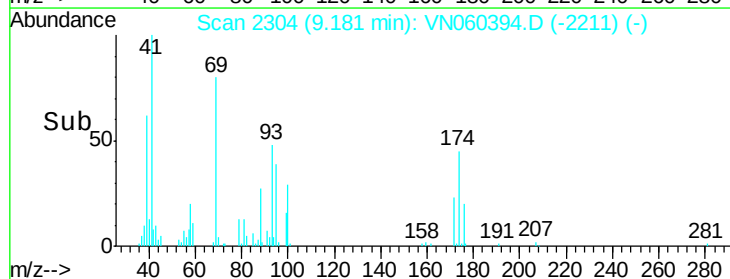
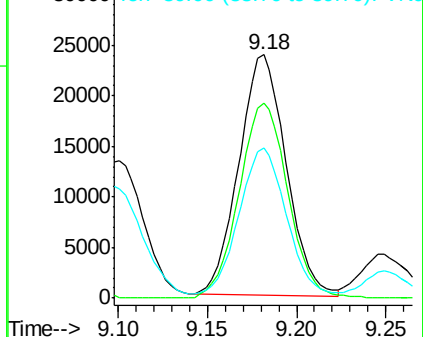
41 100

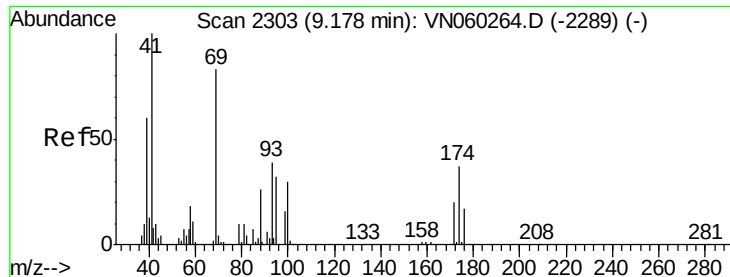
69 83.3 66.7 100.1

39 63.6 50.1 75.1



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

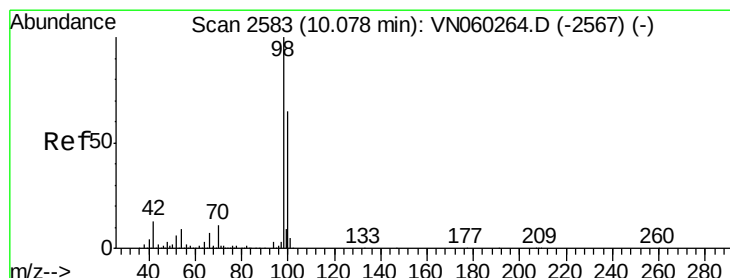
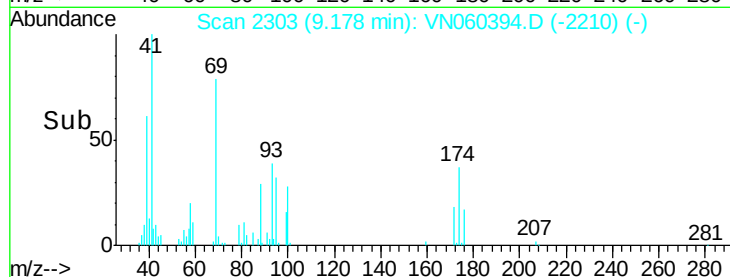
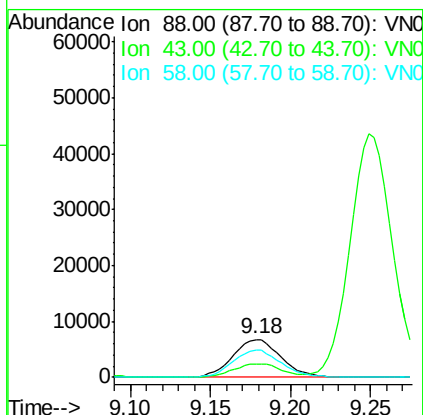
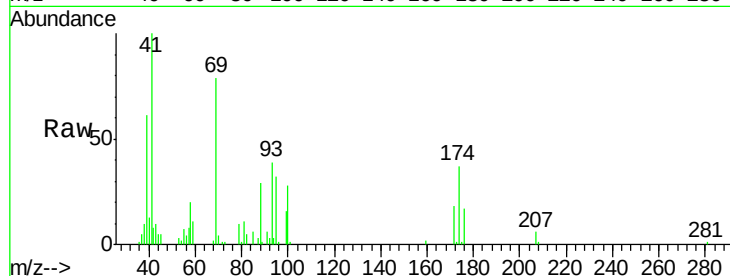




#49
1,4-Dioxane
Concen: 419.65 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

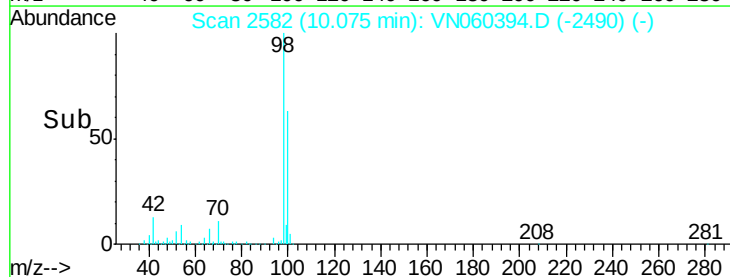
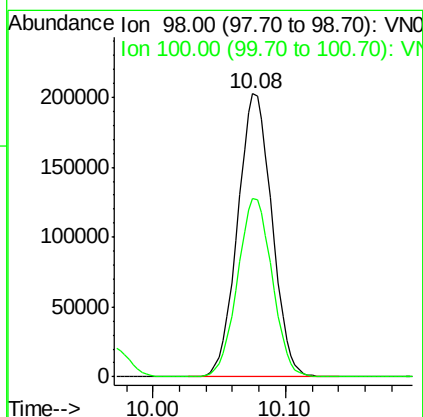
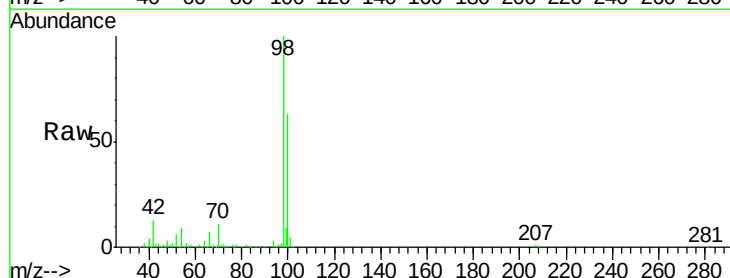
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01

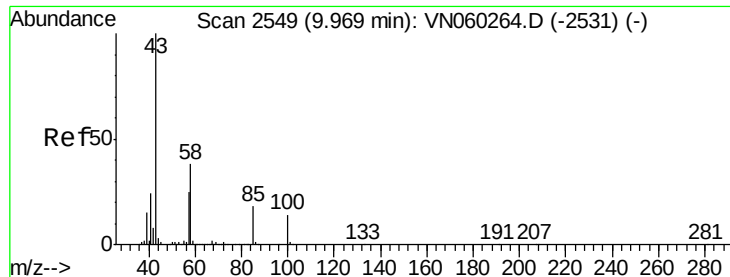
Tgt Ion: 88 Resp: 13903
Ion Ratio Lower Upper
88 100
43 35.8 30.4 45.6
58 71.6 57.0 85.6



#50
Toluene-d8
Concen: 47.42 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

Tgt Ion: 98 Resp: 364300
Ion Ratio Lower Upper
98 100
100 63.7 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 102.56 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

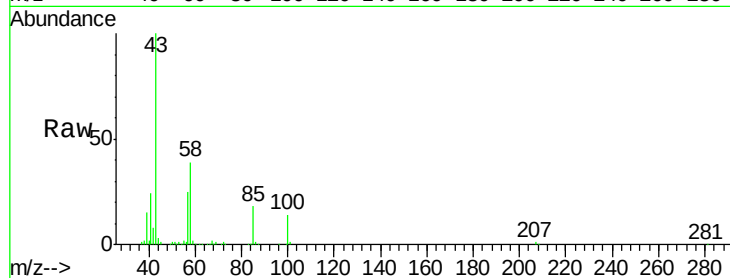
VN0309WBSD01

Tgt Ion: 43 Resp: 300424

Ion Ratio Lower Upper

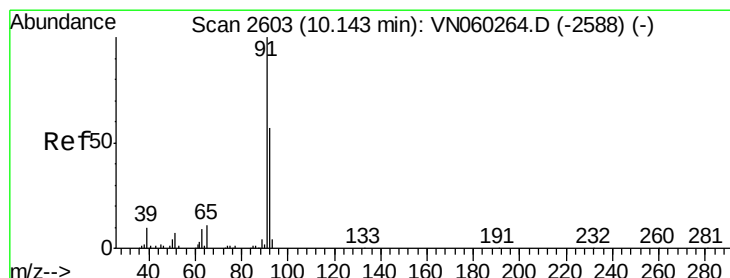
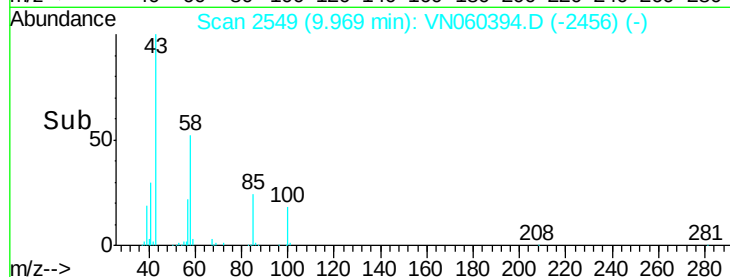
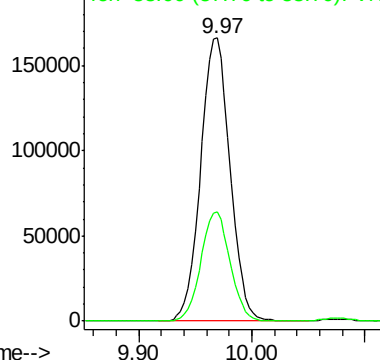
43 100

58 38.2 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.35 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060394.D

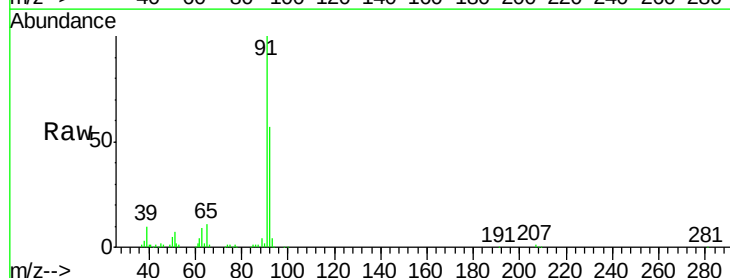
Acq: 9 Mar 2020 11:47

Tgt Ion: 92 Resp: 104546

Ion Ratio Lower Upper

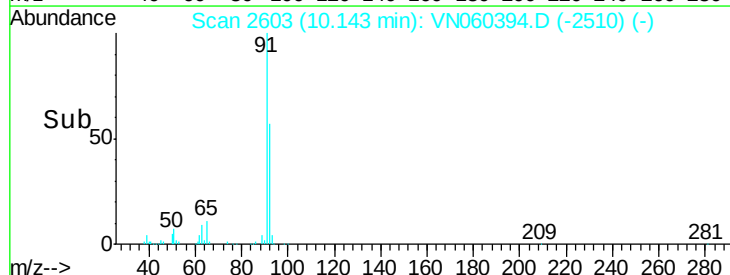
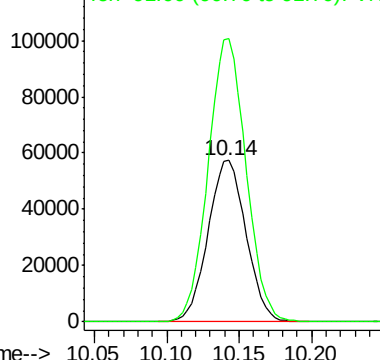
92 100

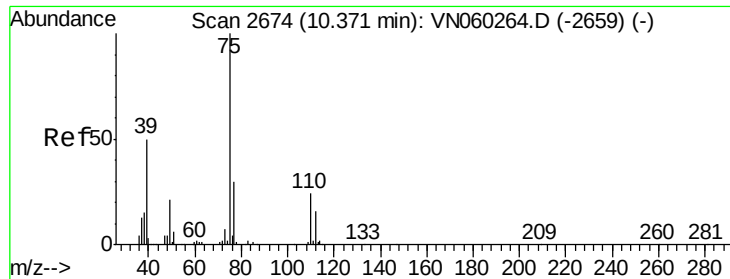
91 175.2 138.1 207.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 18.90 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

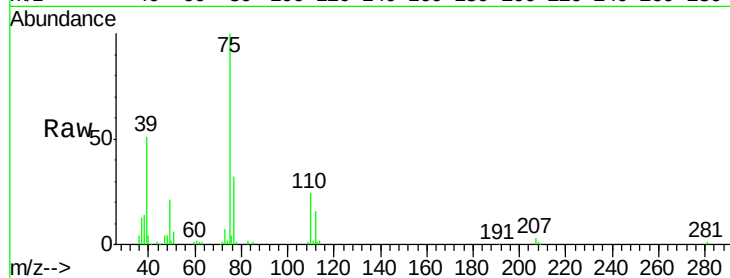
VN0309WBSD01

Tgt Ion: 75 Resp: 72469

Ion Ratio Lower Upper

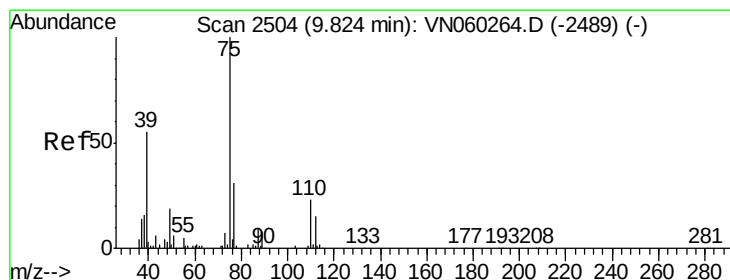
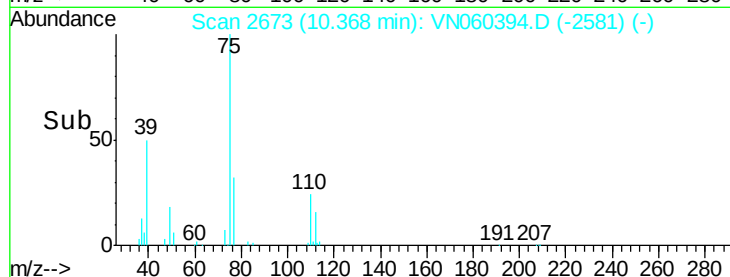
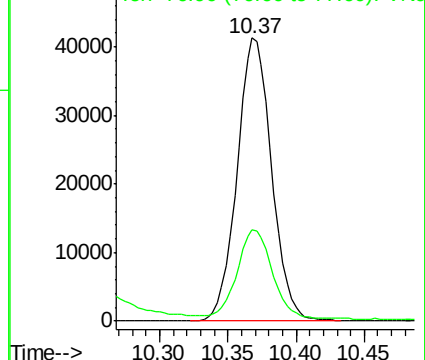
75 100

77 31.2 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.32 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

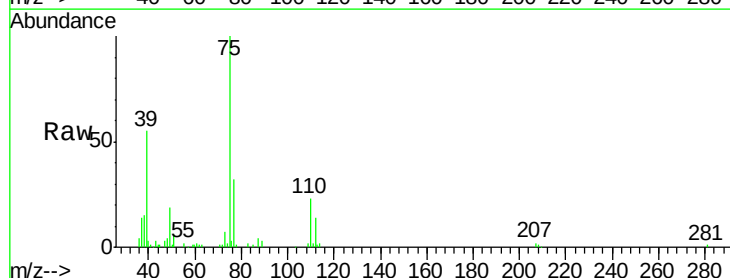
Tgt Ion: 75 Resp: 76758

Ion Ratio Lower Upper

75 100

77 32.1 24.8 37.2

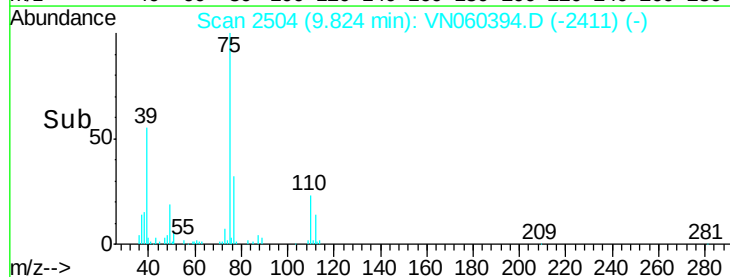
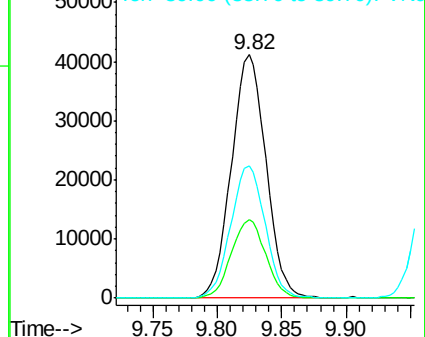
39 54.5 43.8 65.8

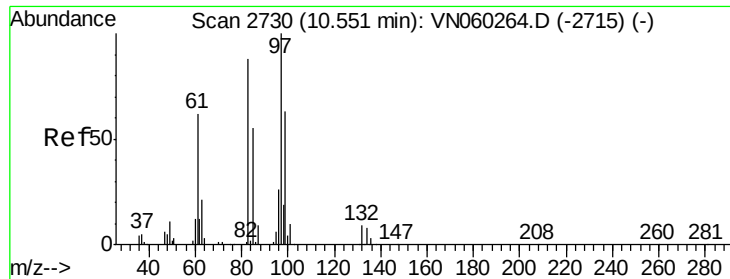


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

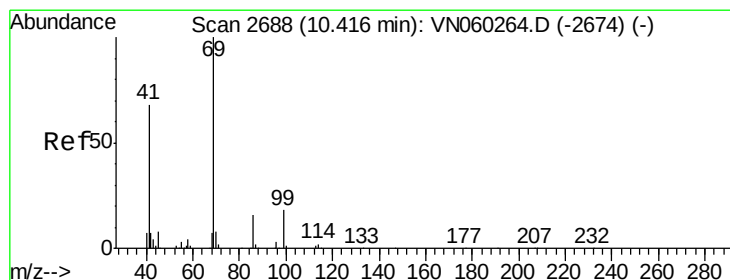
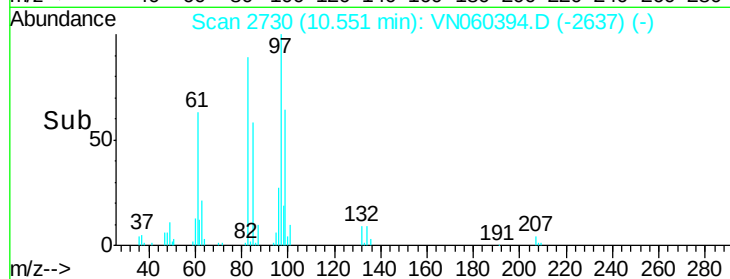
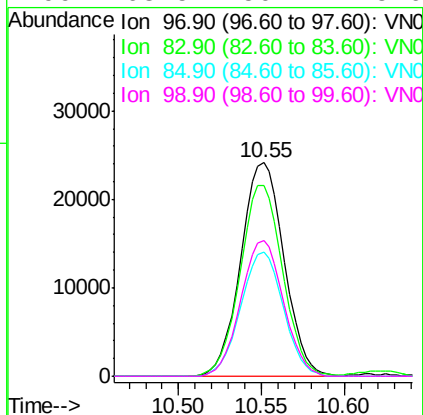
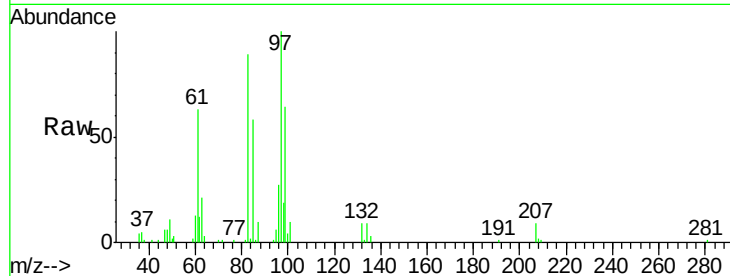




#55
 1,1,2-Trichloroethane
 Concen: 19.13 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN060394.D
 Acq: 9 Mar 2020 11:47

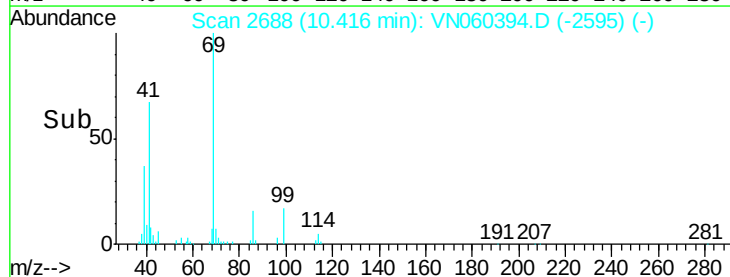
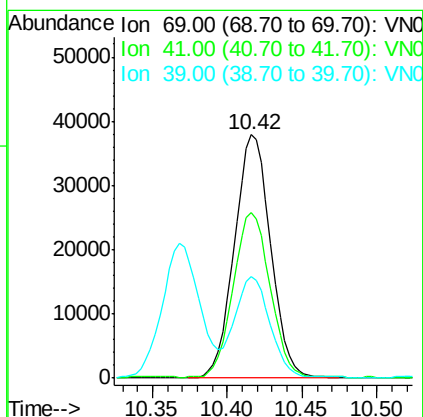
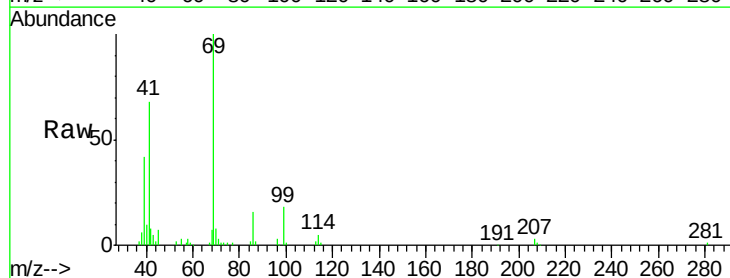
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBSD01

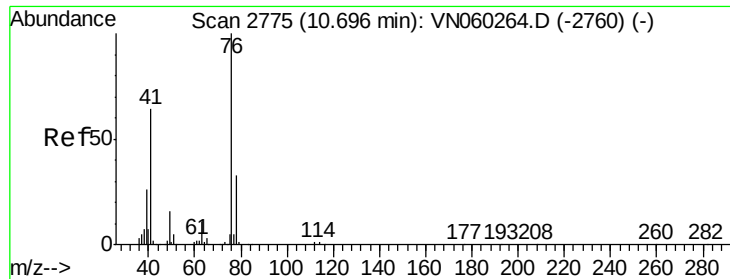
Tgt Ion:	97	Resp:	43845
Ion	Ratio	Lower	Upper
97	100		
83	89.2	70.0	105.0
85	57.8	44.0	66.0
99	63.5	50.4	75.6



#56
 Ethyl methacrylate
 Concen: 19.43 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060394.D
 Acq: 9 Mar 2020 11:47

Tgt Ion:	69	Resp:	63980
Ion	Ratio	Lower	Upper
69	100		
41	69.8	54.1	81.1
39	40.4	32.5	48.7





#57

1,3-Dichloropropane

Concen: 19.87 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

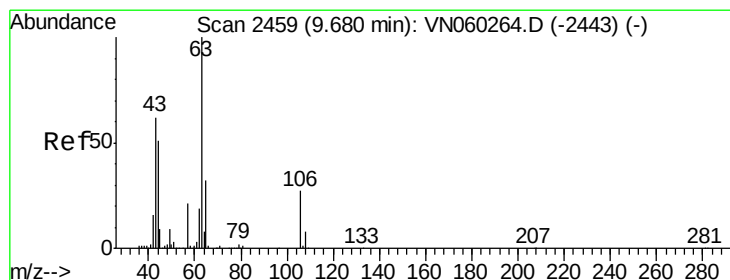
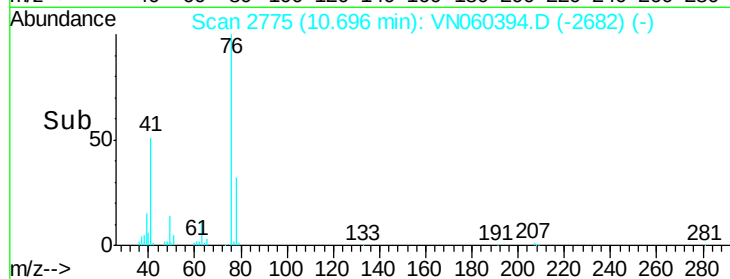
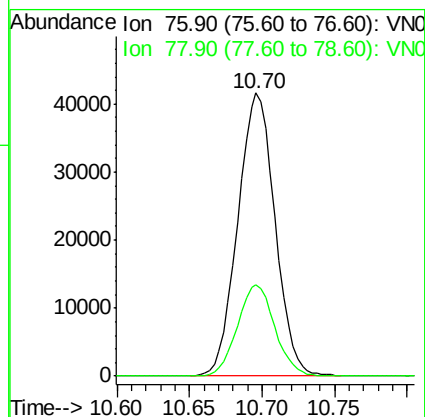
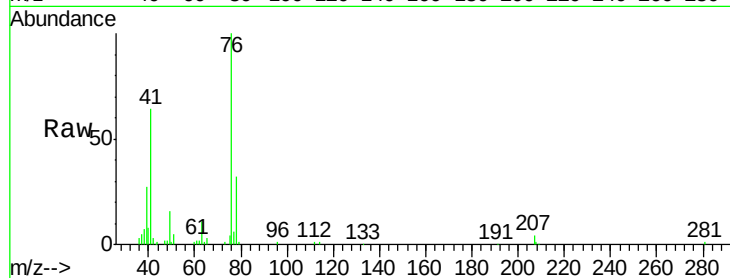
VN0309WBSD01

Tgt Ion: 76 Resp: 74257

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 95.52 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060394.D

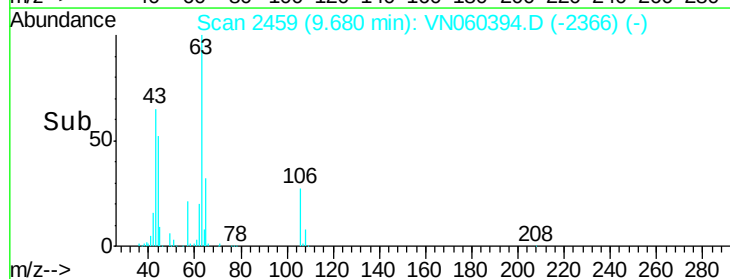
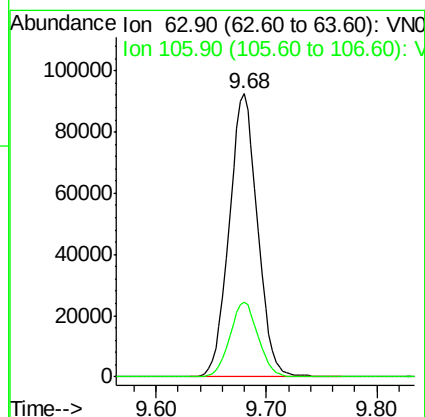
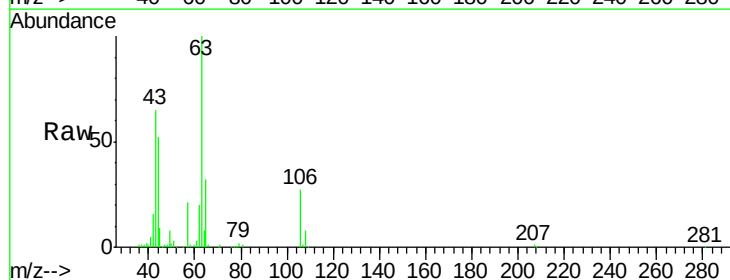
Acq: 9 Mar 2020 11:47

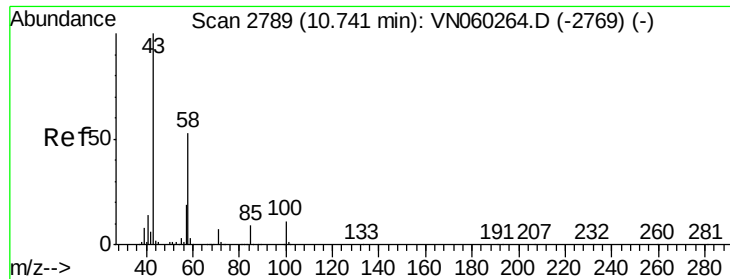
Tgt Ion: 63 Resp: 164468

Ion Ratio Lower Upper

63 100

106 26.3 21.1 31.7

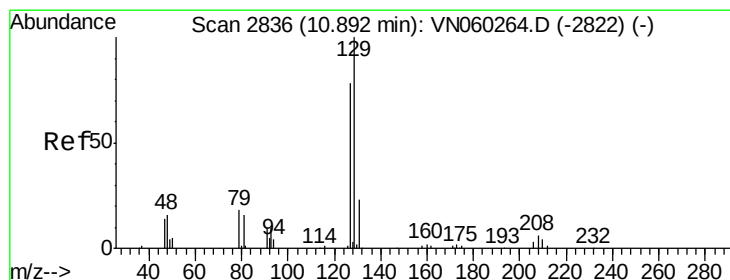
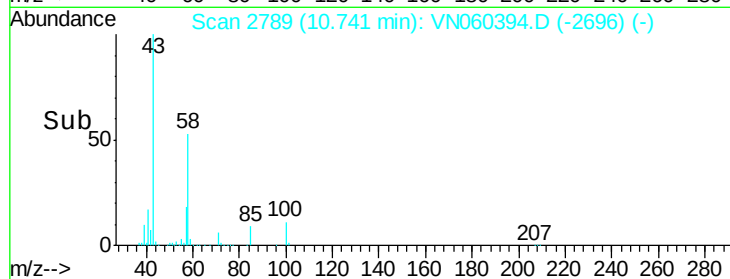
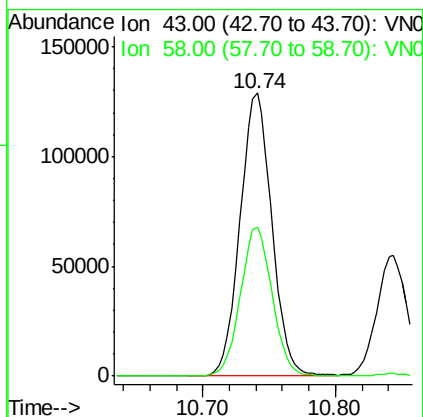
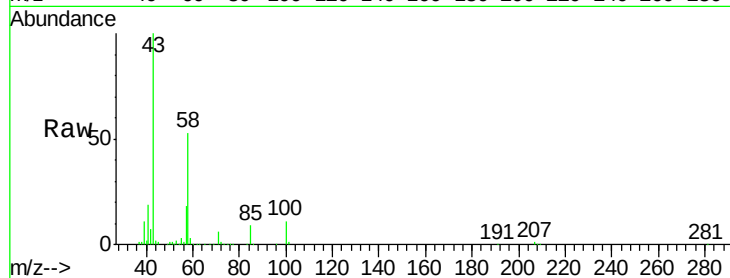




#59
2-Hexanone
Concen: 99.77 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

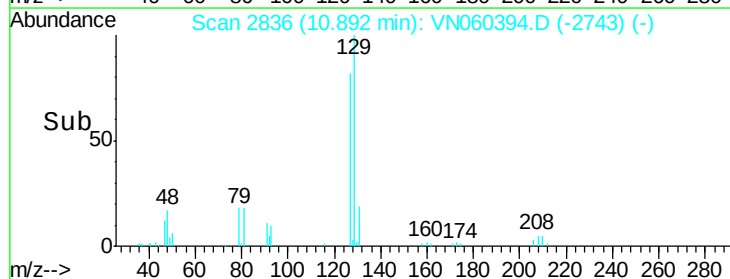
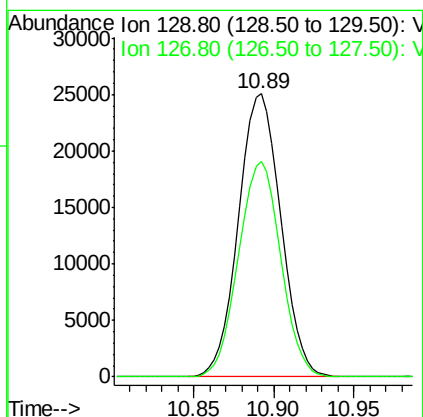
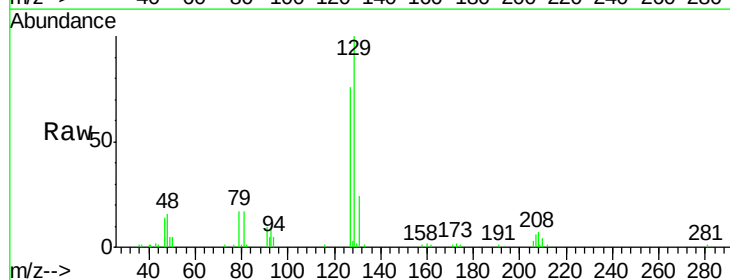
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01

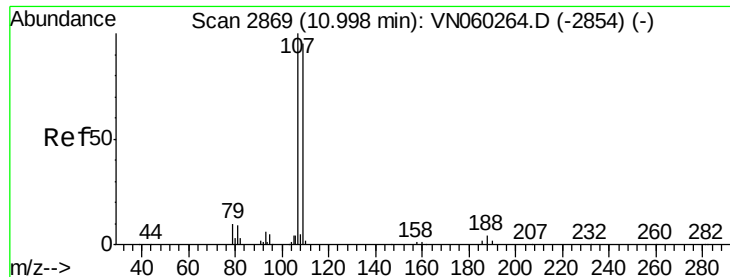
Tgt Ion: 43 Resp: 214578
Ion Ratio Lower Upper
43 100
58 52.8 26.5 79.5



#60
Dibromochloromethane
Concen: 19.45 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

Tgt Ion: 129 Resp: 45331
Ion Ratio Lower Upper
129 100
127 75.6 38.9 116.7

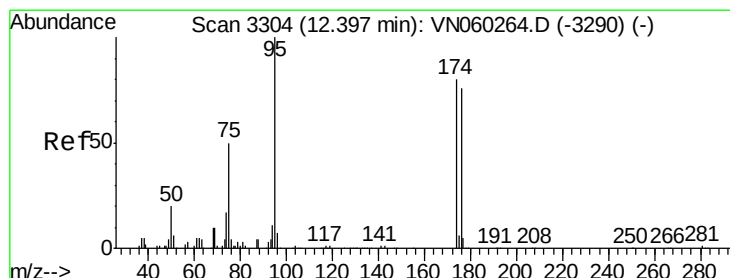
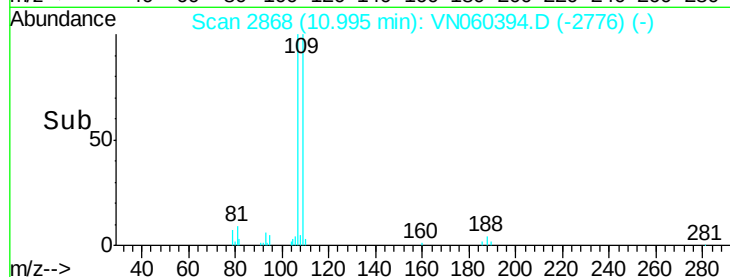
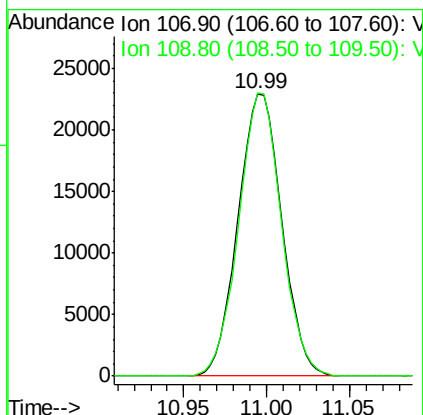
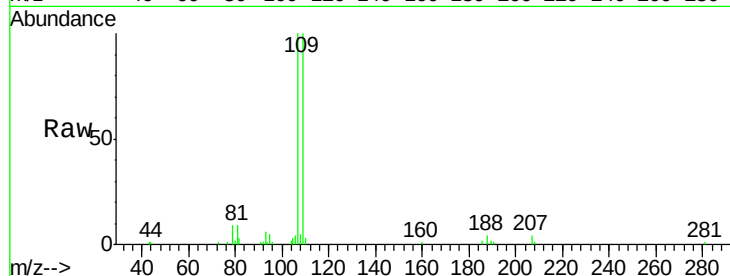




#61
 1,2-Dibromoethane
 Concen: 18.83 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060394.D
 Acq: 9 Mar 2020 11:47

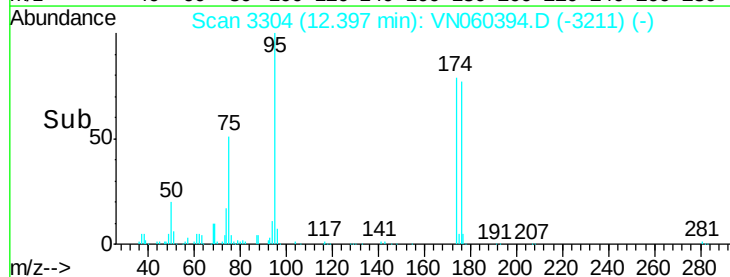
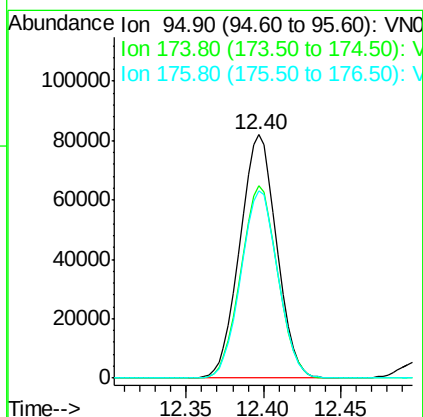
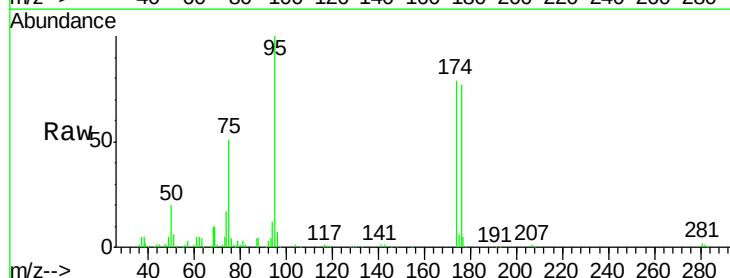
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBSD01

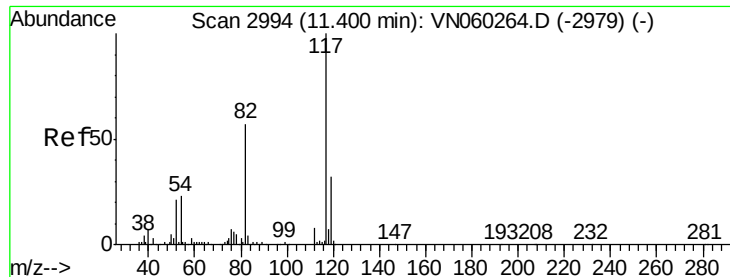
Tgt Ion: 107 Resp: 42064
 Ion Ratio Lower Upper
 107 100
 109 97.9 76.8 115.2



#62
 4-Bromofluorobenzene
 Concen: 46.64 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060394.D
 Acq: 9 Mar 2020 11:47

Tgt Ion: 95 Resp: 135817
 Ion Ratio Lower Upper
 95 100
 174 78.9 0.0 159.2
 176 77.5 0.0 153.8

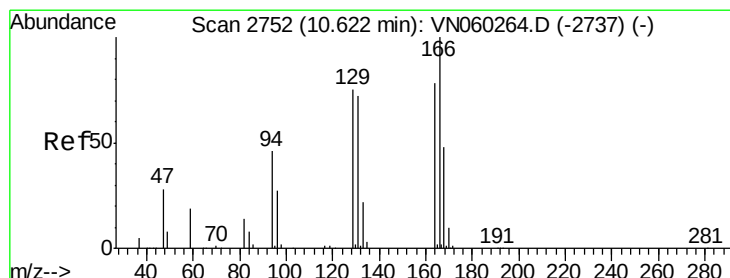
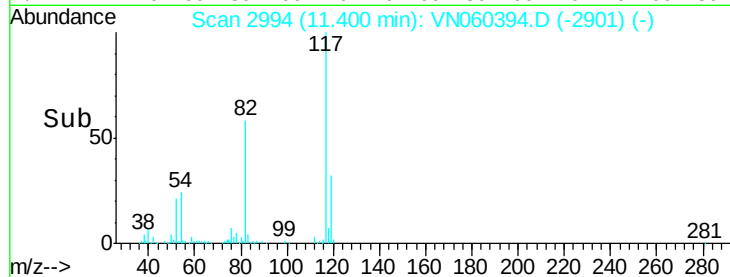
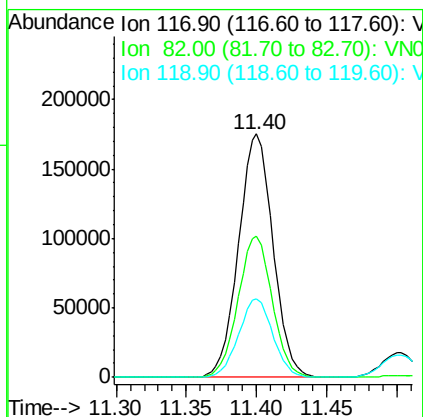
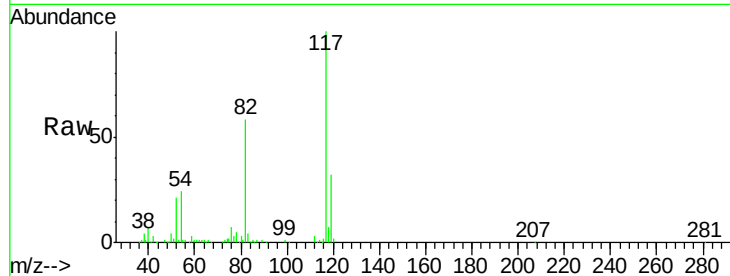




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

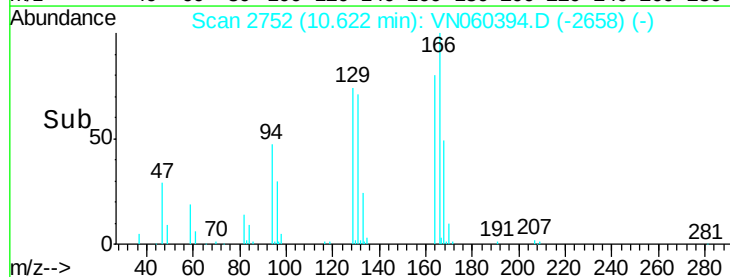
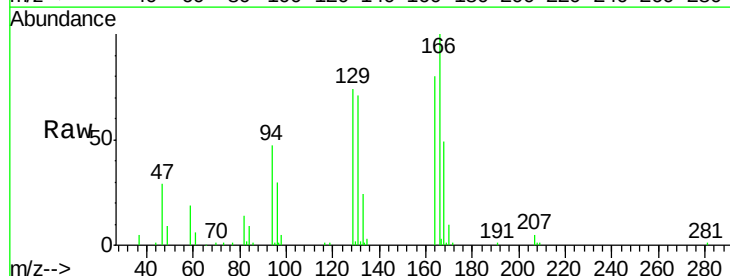
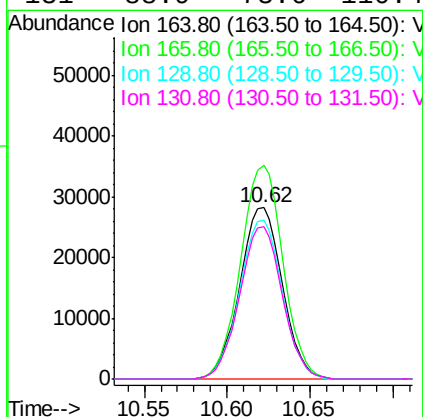
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01

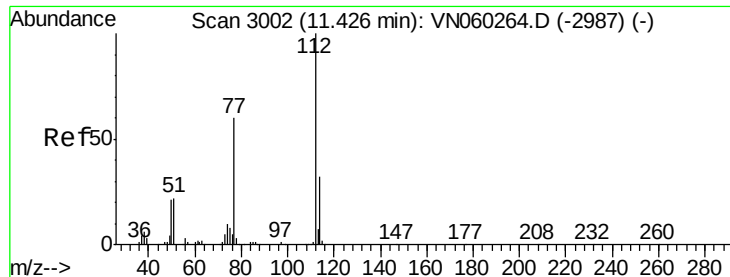
Tgt Ion:117 Resp: 300175
Ion Ratio Lower Upper
117 100
82 57.9 45.8 68.6
119 32.4 25.8 38.8



#64
Tetrachloroethene
Concen: 20.54 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

Tgt Ion:164 Resp: 50517
Ion Ratio Lower Upper
164 100
166 124.8 102.0 153.0
129 92.4 76.4 114.6
131 88.9 73.6 110.4

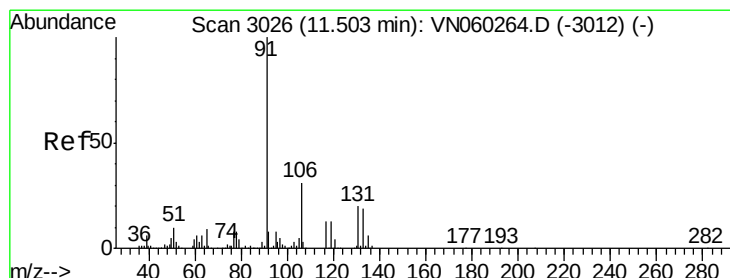
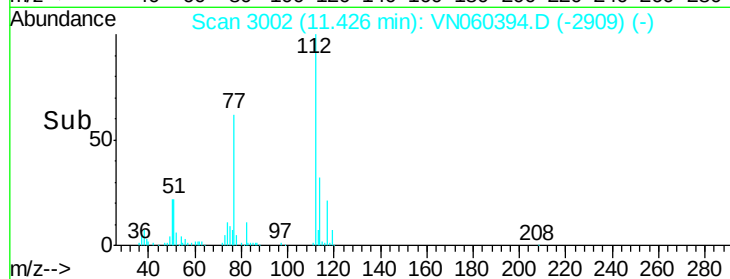
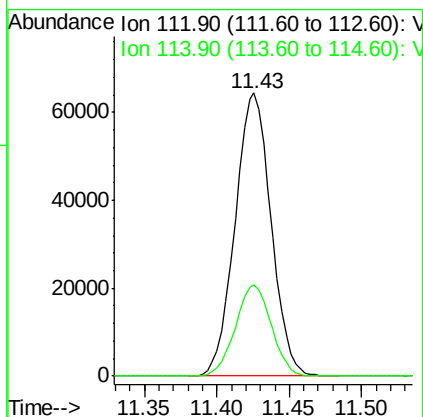
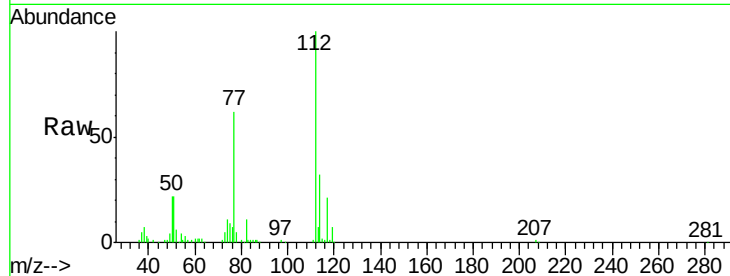




#65
Chlorobenzene
Concen: 18.29 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

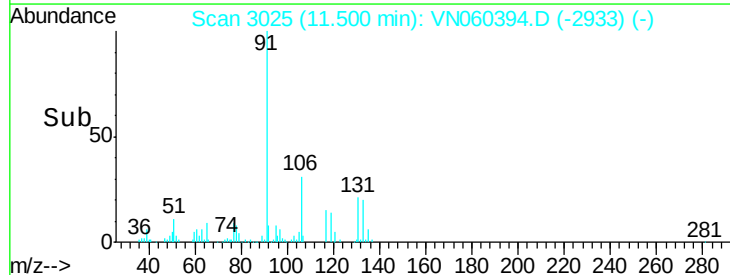
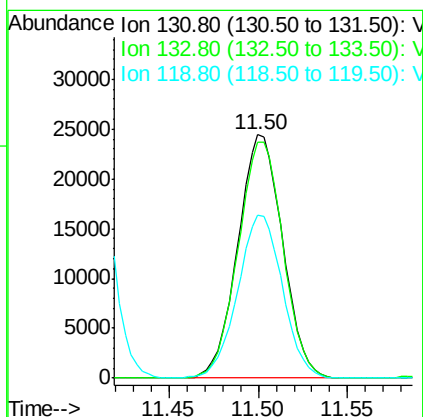
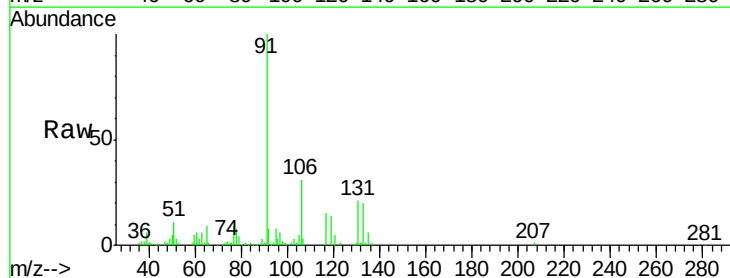
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01

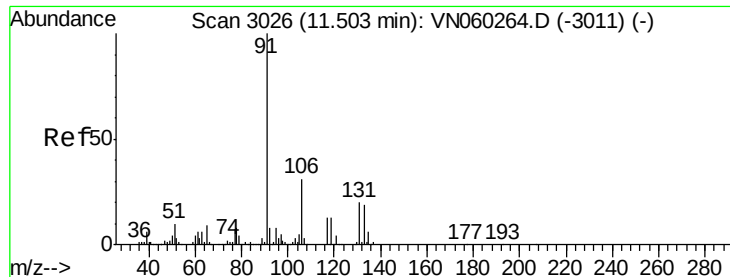
Tgt Ion:112 Resp: 110855
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.12 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

Tgt Ion:131 Resp: 42858
Ion Ratio Lower Upper
131 100
133 97.7 47.7 143.1
119 66.8 33.2 99.6





#67

Ethyl Benzene

Concen: 18.56 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

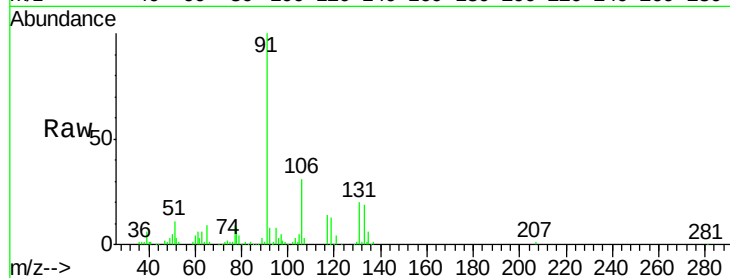
VN0309WBSD01

Tgt Ion: 91 Resp: 204863

Ion Ratio Lower Upper

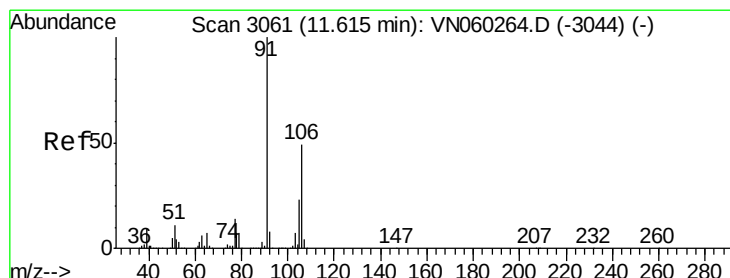
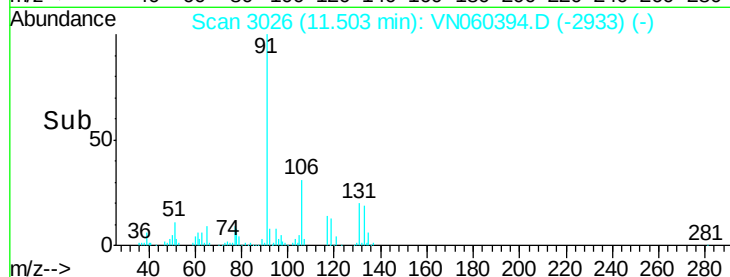
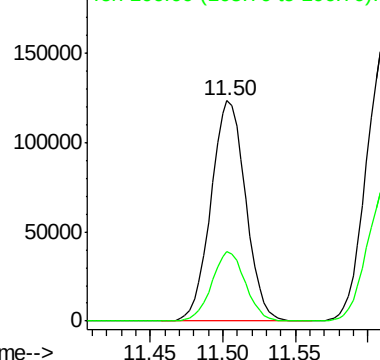
91 100

106 31.5 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 35.98 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN060394.D

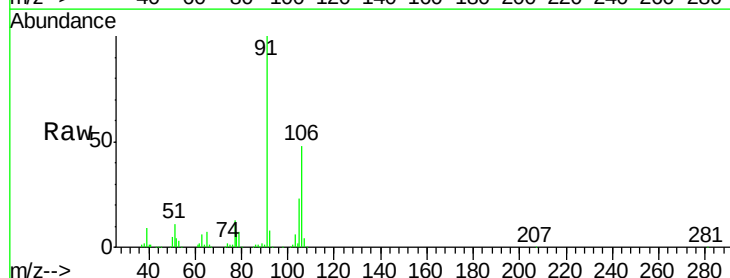
Acq: 9 Mar 2020 11:47

Tgt Ion: 106 Resp: 149859

Ion Ratio Lower Upper

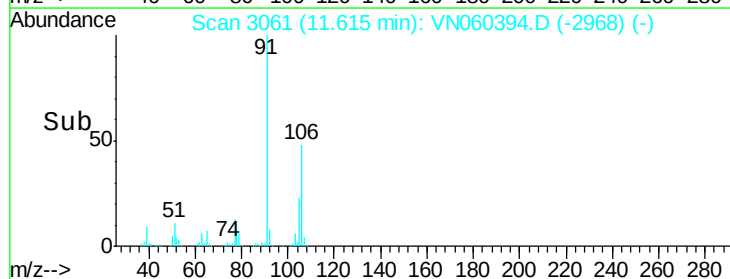
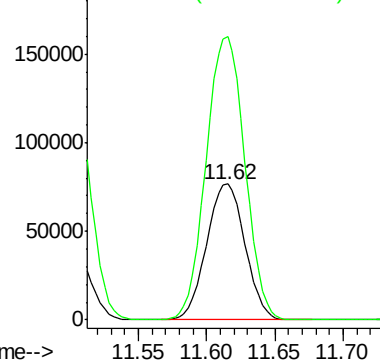
106 100

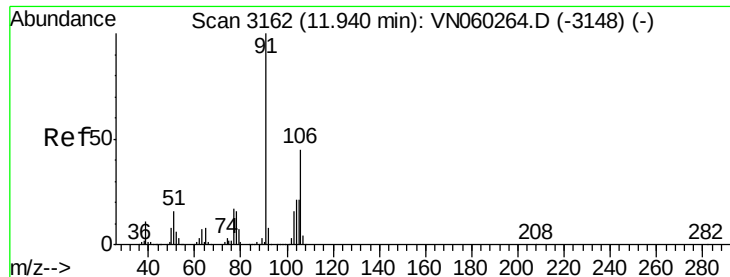
91 210.1 164.5 246.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

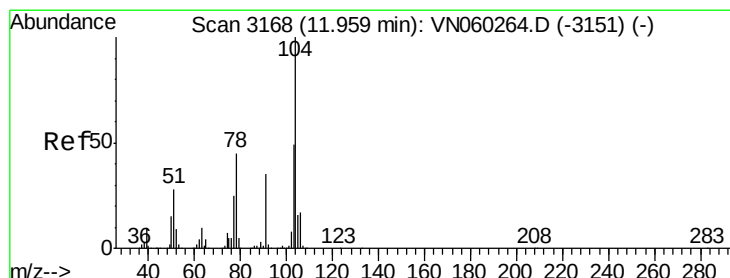
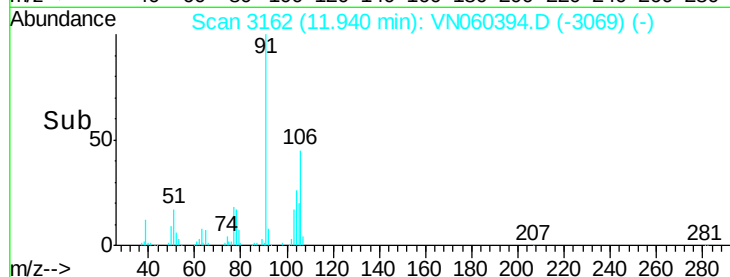
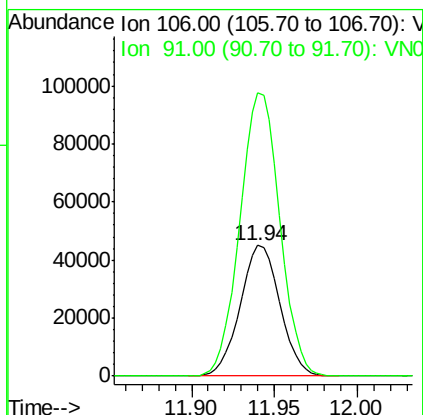
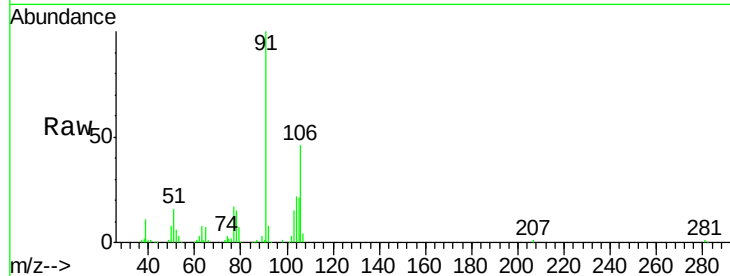




#69
o-Xylene
Concen: 18.92 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

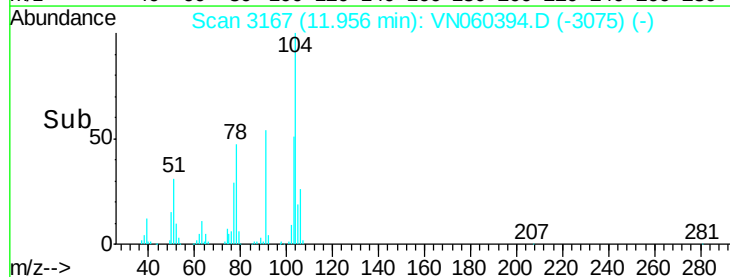
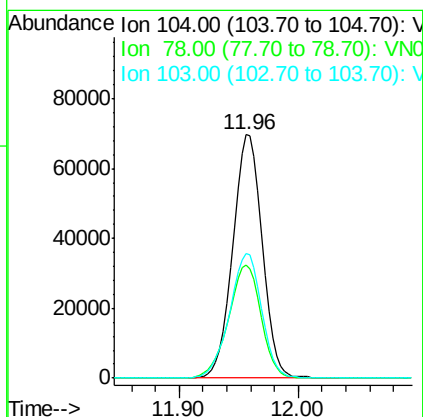
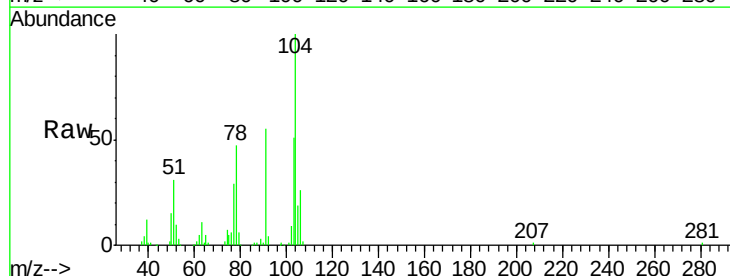
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01

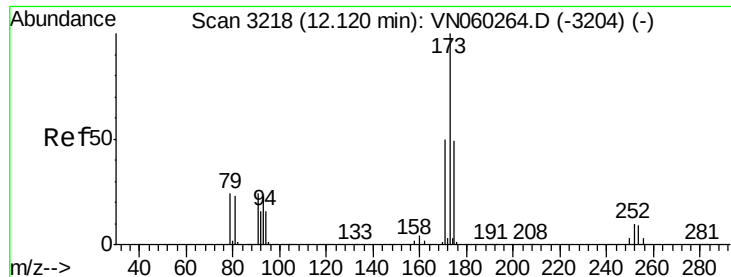
Tgt Ion:106 Resp: 75148
Ion Ratio Lower Upper
106 100
91 217.3 109.5 328.4



#70
Styrene
Concen: 18.31 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

Tgt Ion:104 Resp: 119537
Ion Ratio Lower Upper
104 100
78 51.3 41.2 61.8
103 55.5 43.9 65.9





#71

Bromoform

Concen: 19.28 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. -0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN0309WBSD01

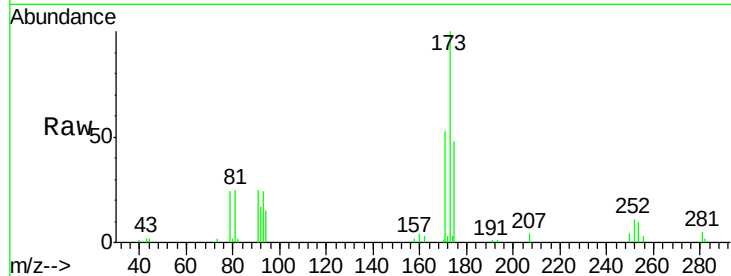
Tgt Ion:173 Resp: 31134

Ion Ratio Lower Upper

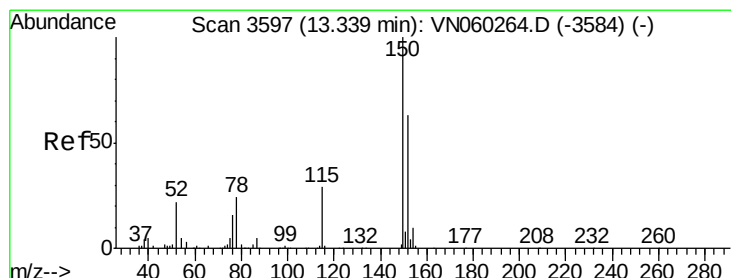
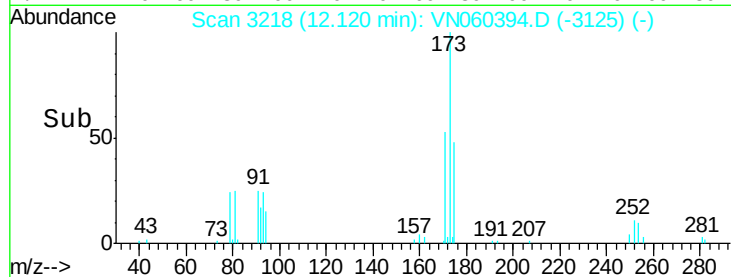
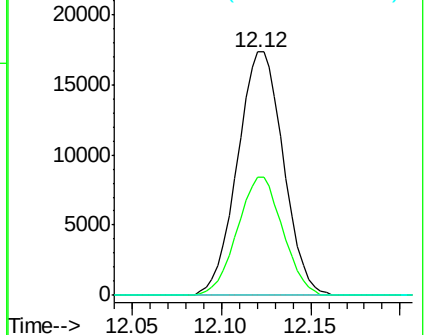
173 100

175 48.0 24.1 72.2

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: VN060394.D

Acq: 9 Mar 2020 11:47

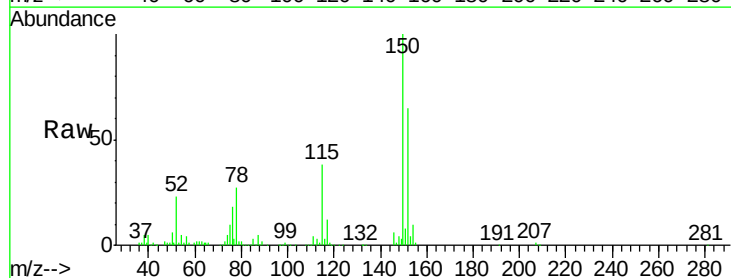
Tgt Ion:152 Resp: 142704

Ion Ratio Lower Upper

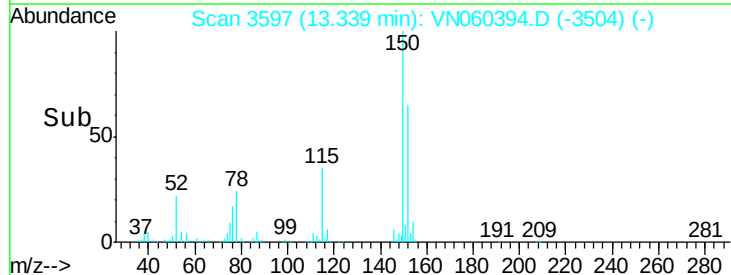
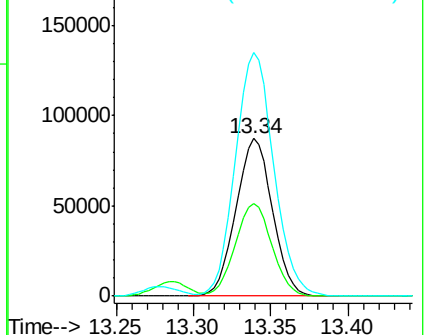
152 100

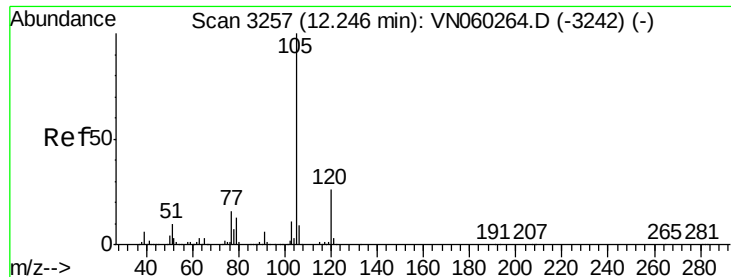
115 59.1 30.0 90.0

150 163.1 0.0 349.6



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: 18.85 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

Instrument :

MSVOA_N

ClientSampled :

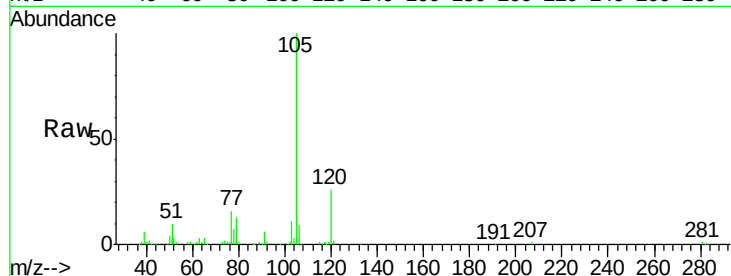
VN0309WBSD01

Tgt Ion: 105 Resp: 199347

Ion Ratio Lower Upper

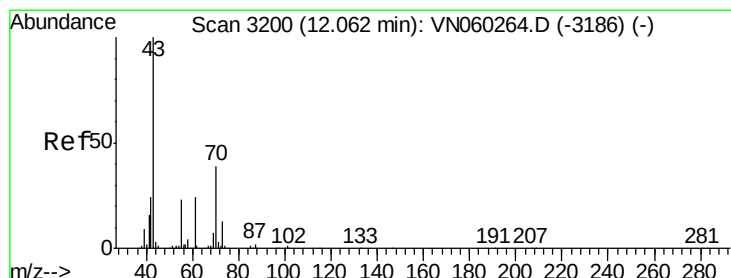
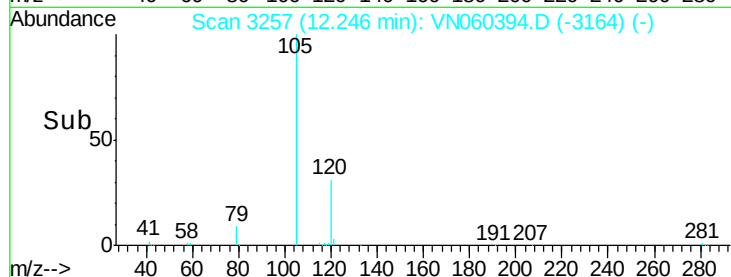
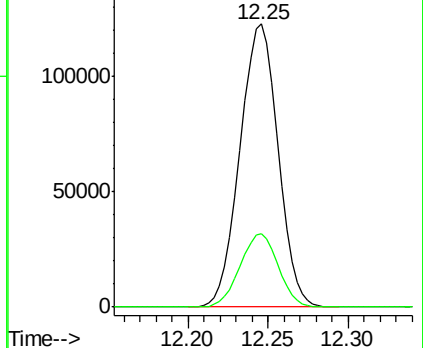
105 100

120 25.9 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.20 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

Tgt Ion: 43 Resp: 88723

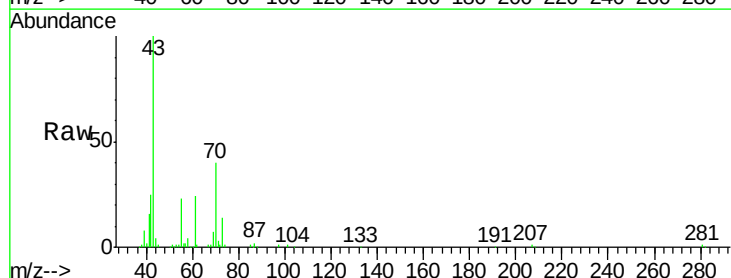
Ion Ratio Lower Upper

43 100

70 39.5 32.2 48.2

55 23.3 18.2 27.4

61 23.3 19.2 28.8

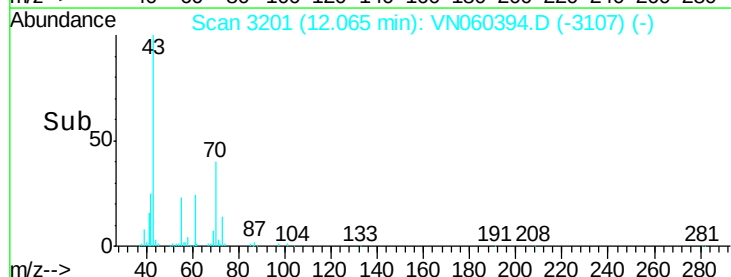
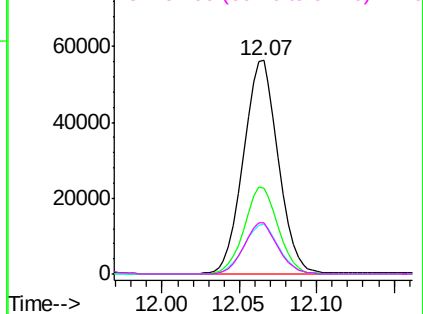


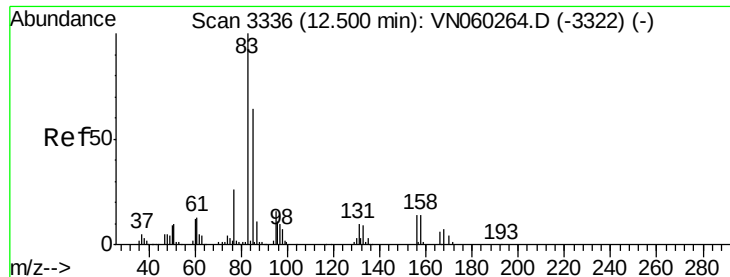
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.74 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN0309WBSD01

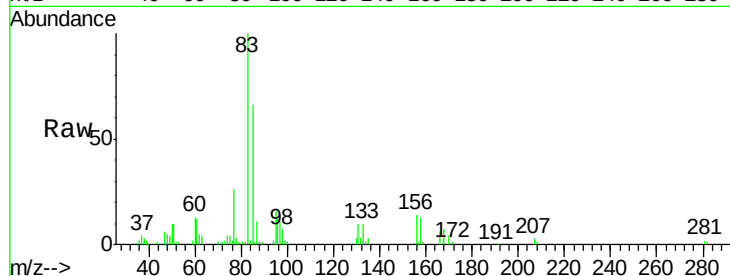
Tgt Ion: 83 Resp: 56755

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.3

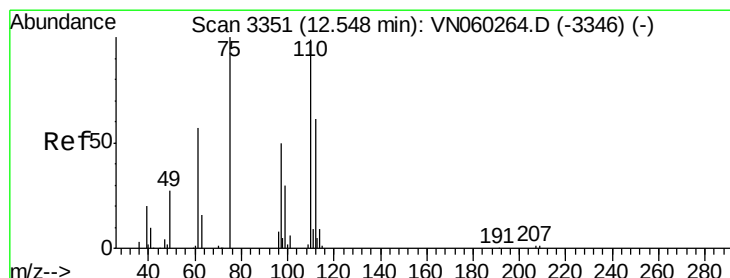
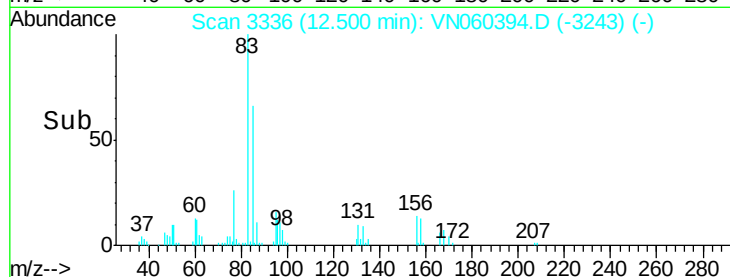
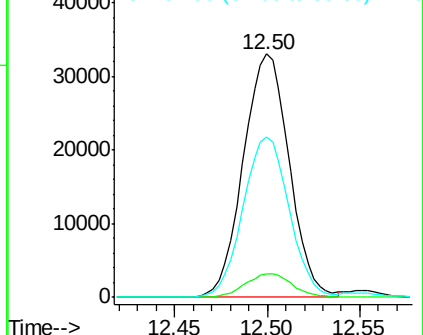
85 66.1 32.3 96.8



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: 26.34 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060394.D

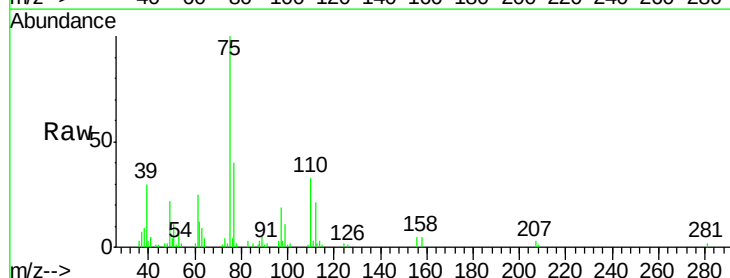
Acq: 9 Mar 2020 11:47

Tgt Ion: 75 Resp: 82472

Ion Ratio Lower Upper

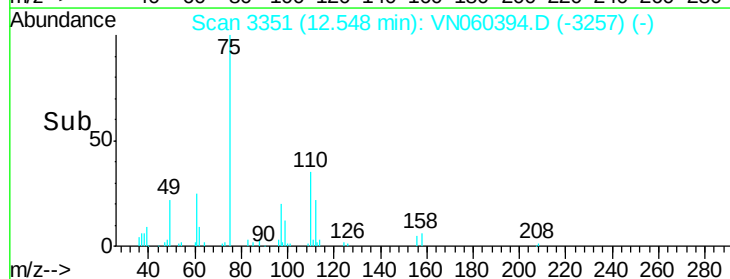
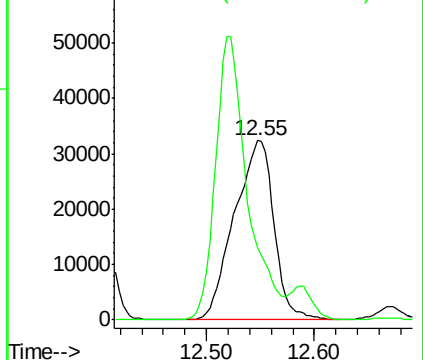
75 100

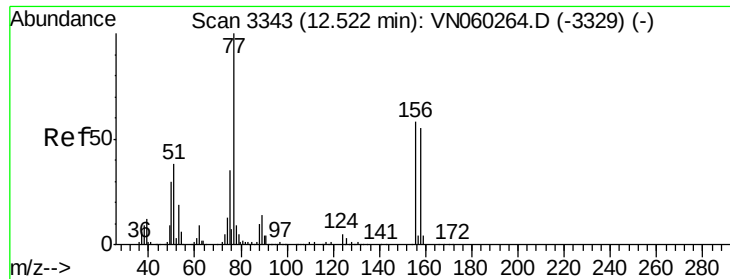
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.62 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN0309WBSD01

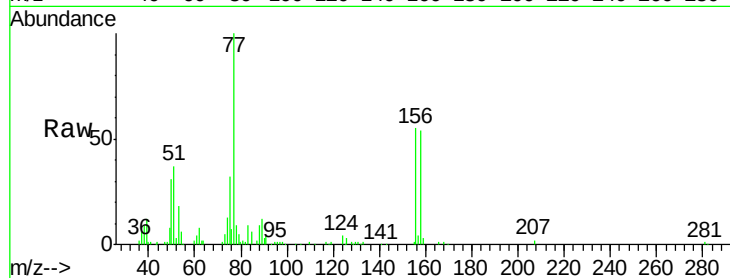
Tgt Ion:156 Resp: 48278

Ion Ratio Lower Upper

156 100

77 216.9 106.1 318.3

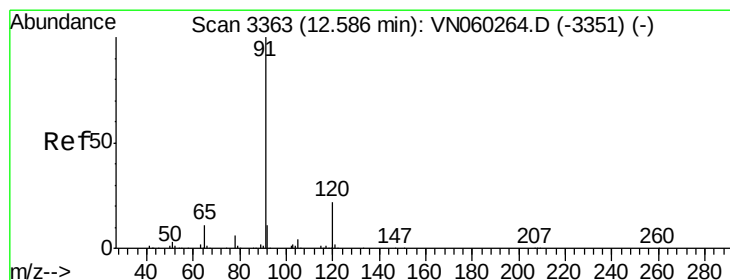
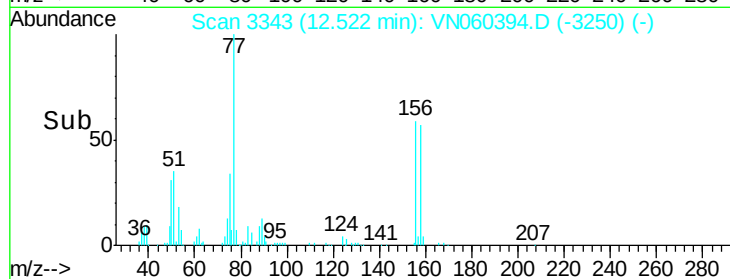
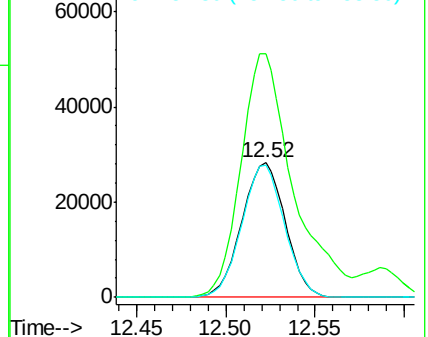
158 96.6 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.55 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060394.D

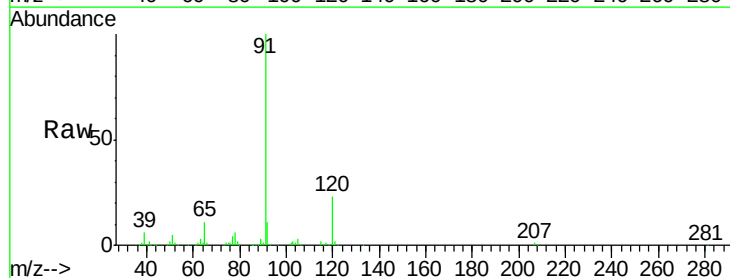
Acq: 9 Mar 2020 11:47

Tgt Ion: 91 Resp: 229953

Ion Ratio Lower Upper

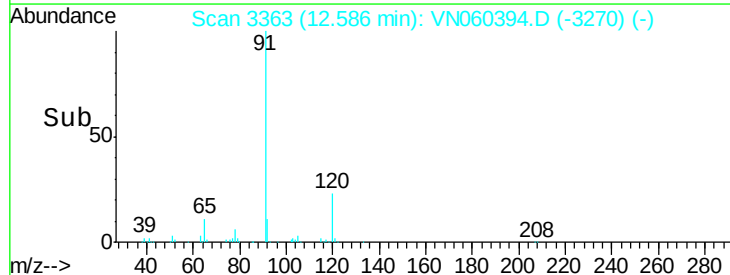
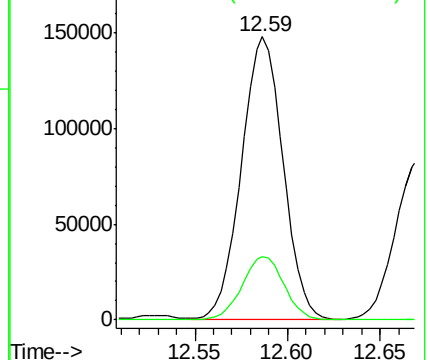
91 100

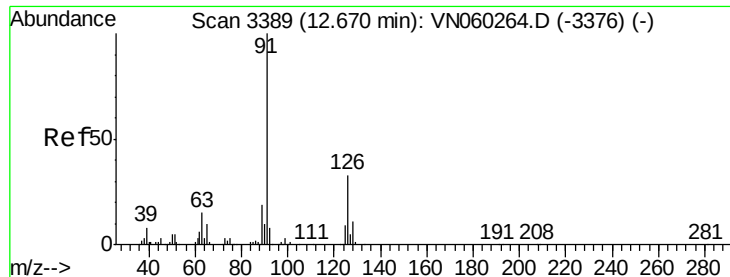
120 22.6 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.77 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

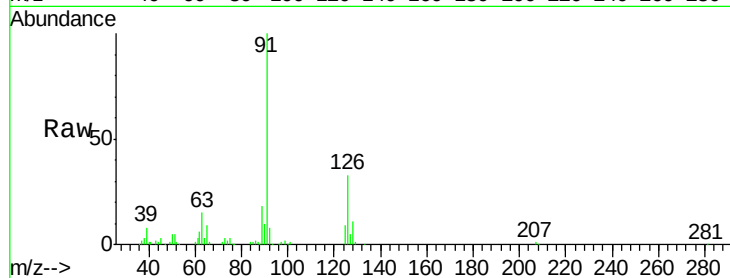
VN0309WBSD01

Tgt Ion: 91 Resp: 136761

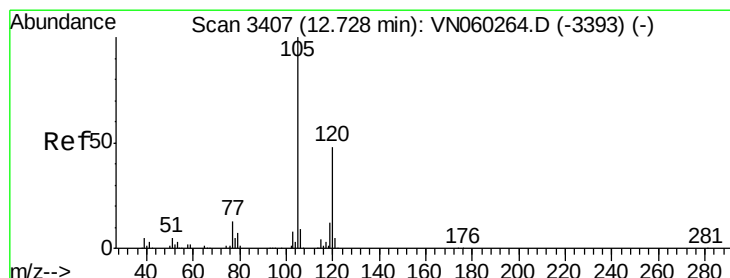
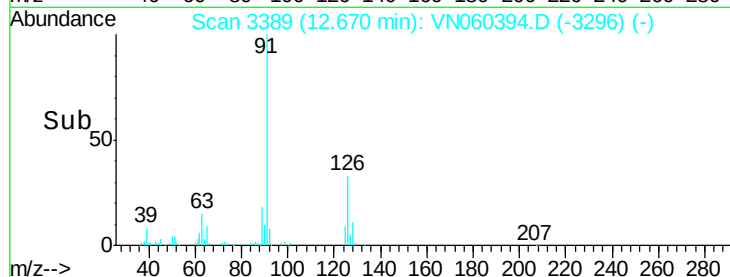
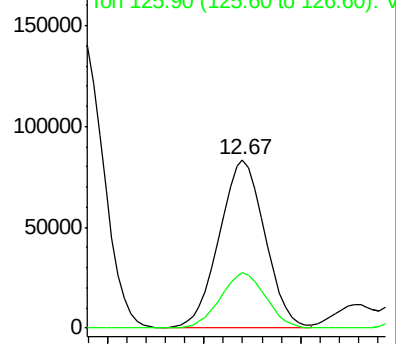
Ion Ratio Lower Upper

91 100

126 32.9 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN060394.D (-3314) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.68 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060394.D

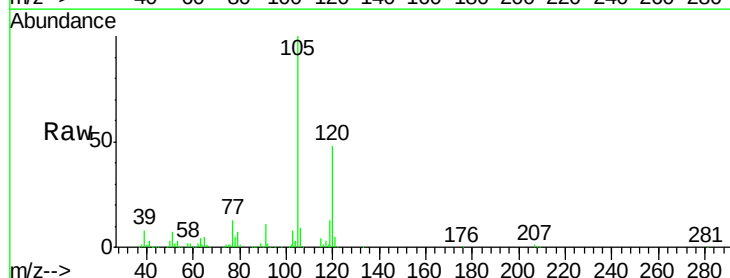
Acq: 9 Mar 2020 11:47

Tgt Ion: 105 Resp: 166318

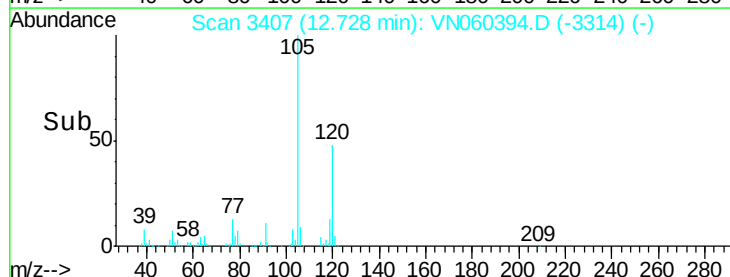
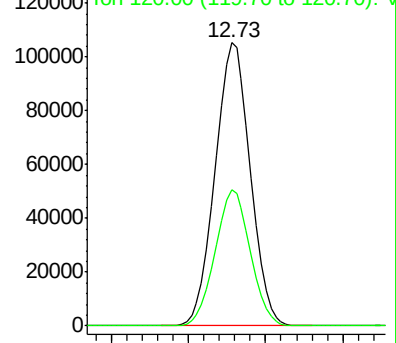
Ion Ratio Lower Upper

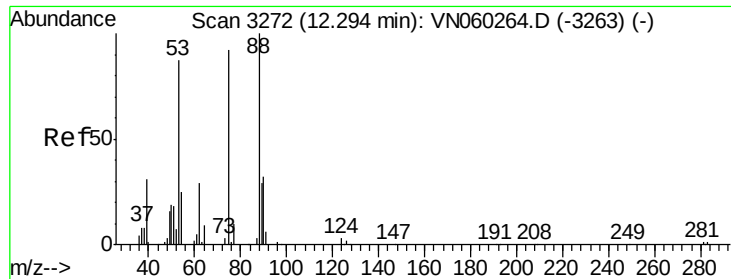
105 100

120 47.8 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN060394.D (-3314) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.43 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN0309WBSD01

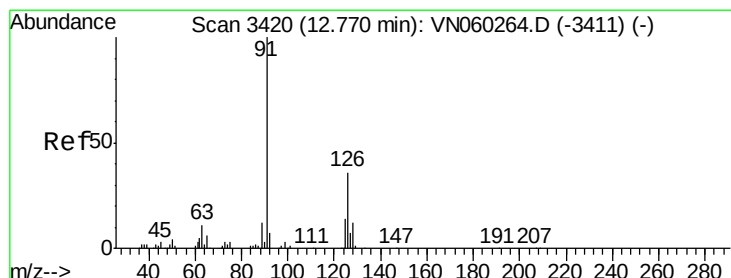
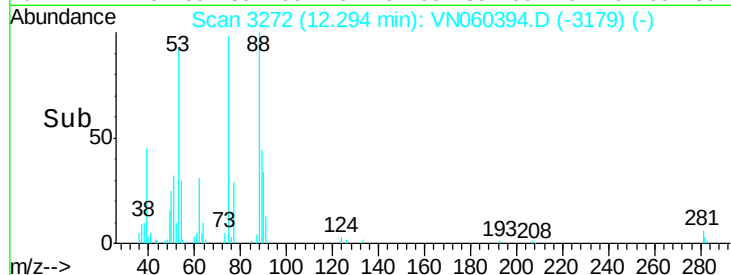
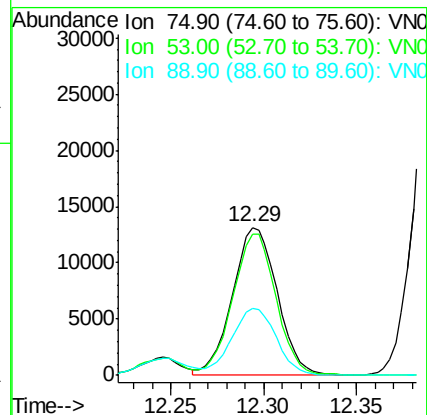
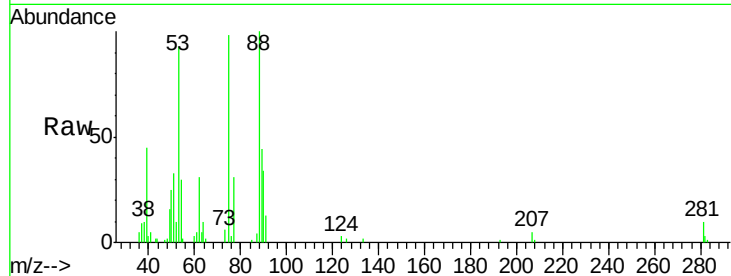
Tgt Ion: 75 Resp: 22041

Ion Ratio Lower Upper

75 100

53 93.2 73.8 110.6

89 45.2 57.1 85.7#



#82

4-Chlorotoluene

Concen: 18.44 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN060394.D

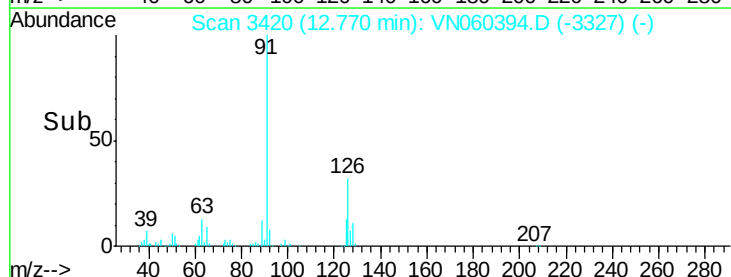
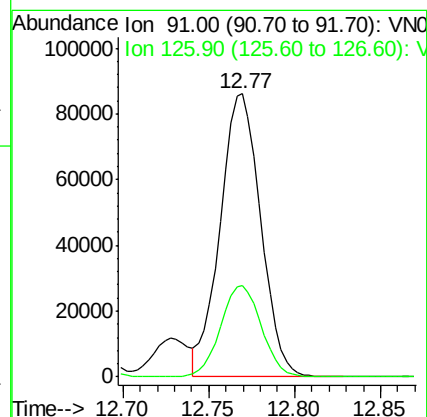
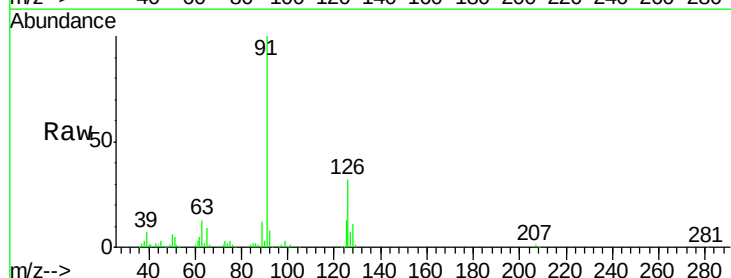
Acq: 9 Mar 2020 11:47

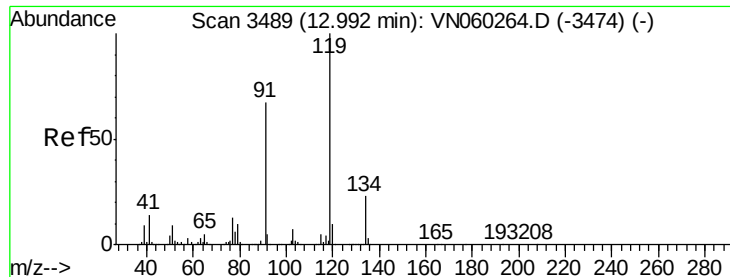
Tgt Ion: 91 Resp: 141556

Ion Ratio Lower Upper

91 100

126 32.3 16.7 50.1

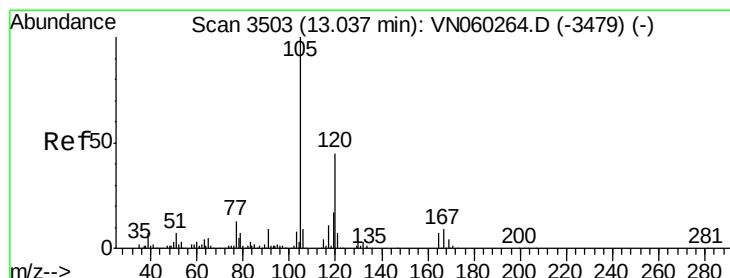
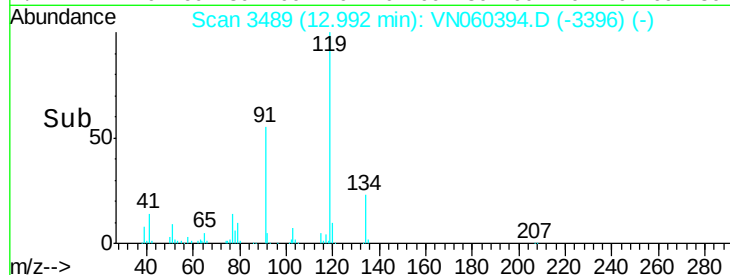
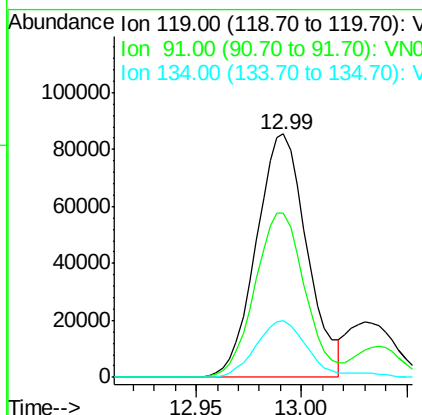
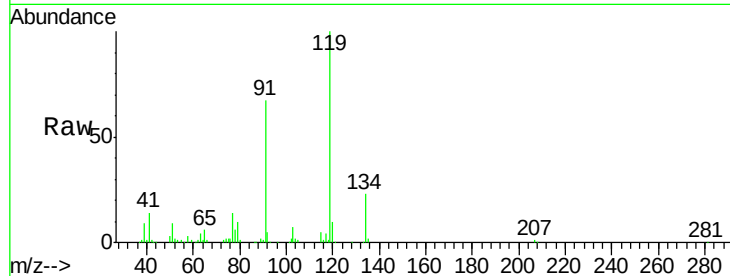




#83
 tert-Butylbenzene
 Concen: 18.54 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN060394.D
 Acq: 9 Mar 2020 11:47

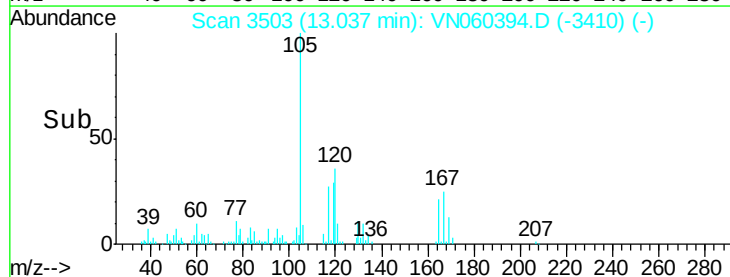
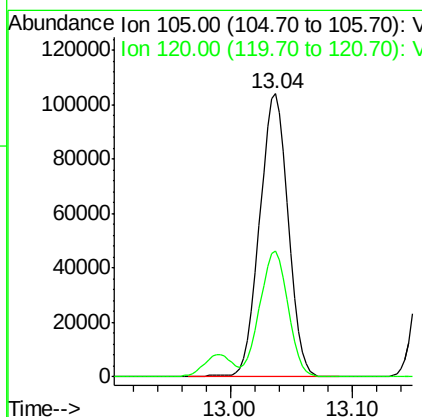
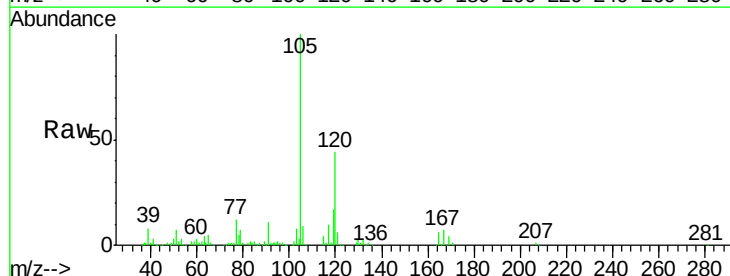
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBSD01

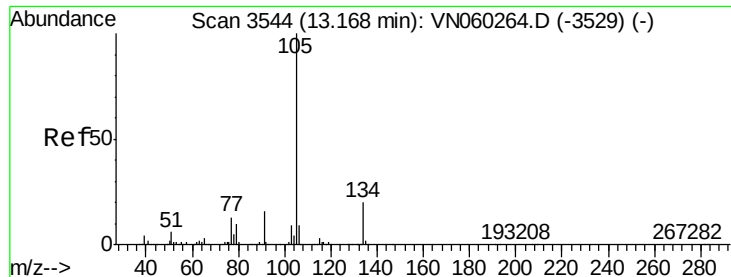
Tgt Ion:119 Resp: 142929
 Ion Ratio Lower Upper
 119 100
 91 66.4 33.1 99.2
 134 23.2 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 18.78 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN060394.D
 Acq: 9 Mar 2020 11:47

Tgt Ion:105 Resp: 168783
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 18.28 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

Instrument :

MSVOA_N

ClientSampled :

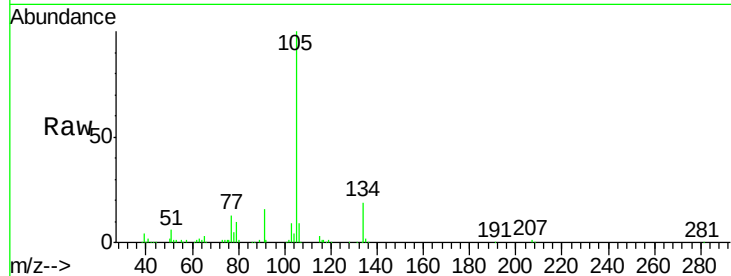
VN0309WBSD01

Tgt Ion:105 Resp: 188698

Ion Ratio Lower Upper

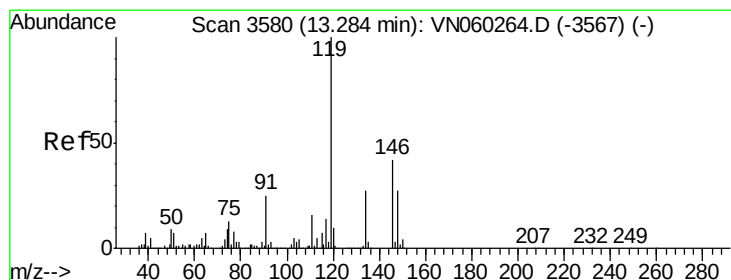
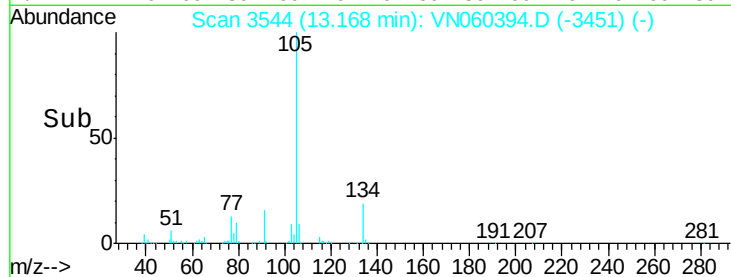
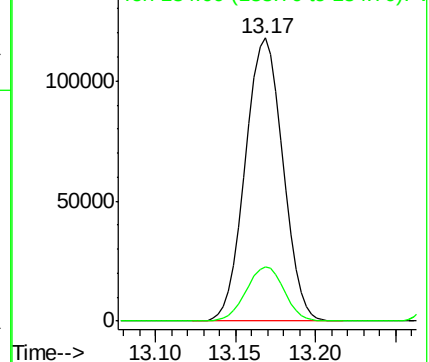
105 100

134 19.3 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 17.93 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

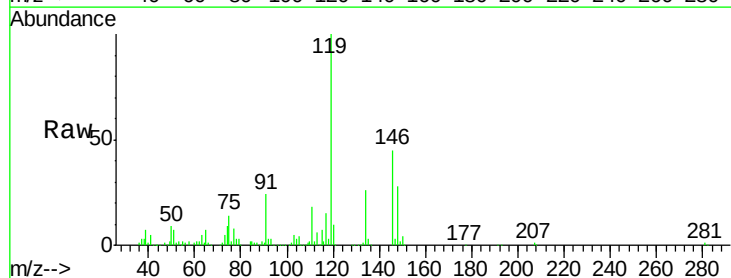
Tgt Ion:119 Resp: 171384

Ion Ratio Lower Upper

119 100

134 25.9 13.2 39.6

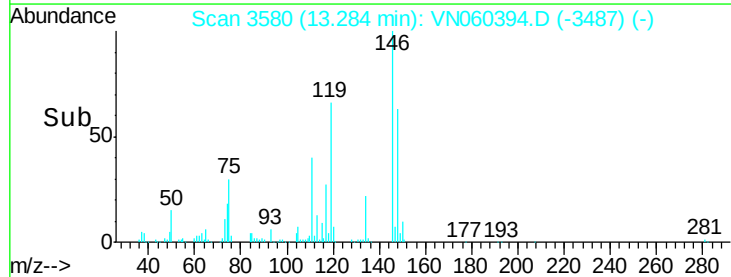
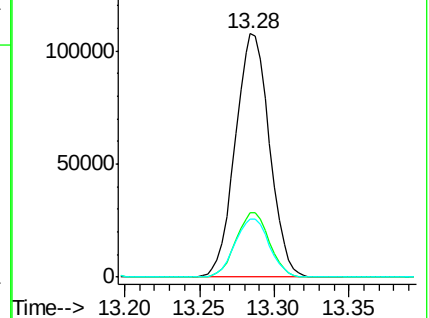
91 24.2 12.2 36.6

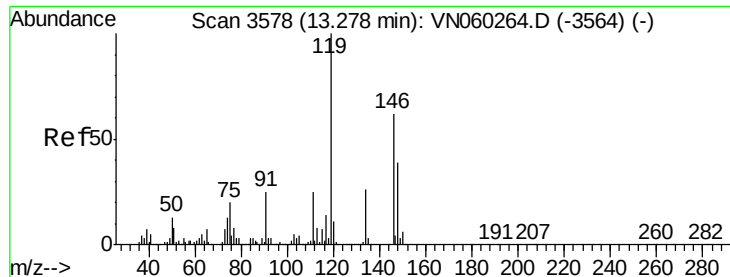


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

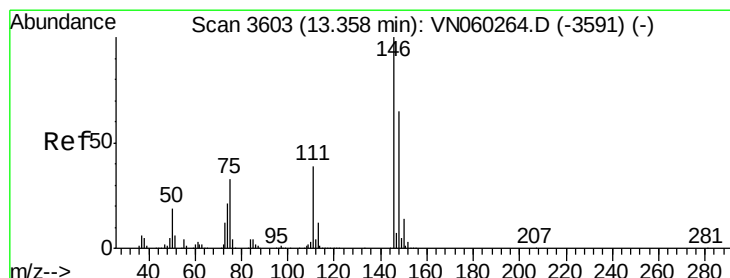
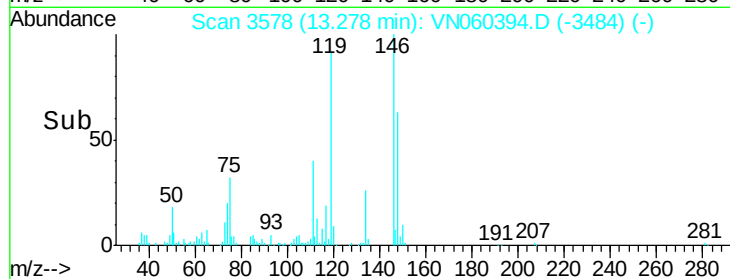
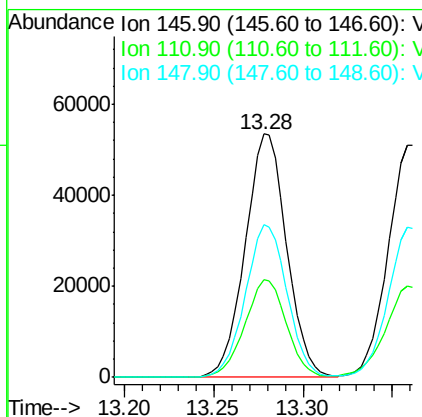
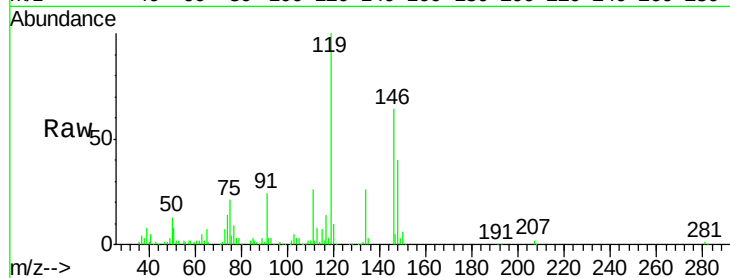




#87
 1,3-Dichlorobenzene
 Concen: 19.34 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN060394.D
 Acq: 9 Mar 2020 11:47

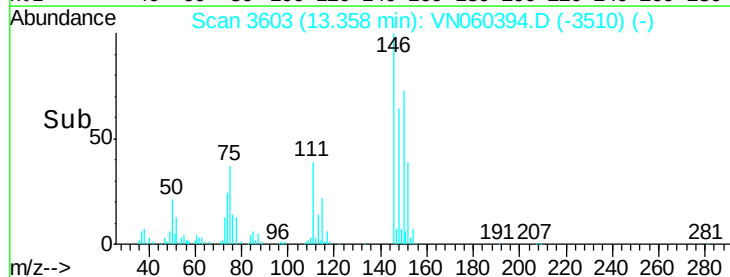
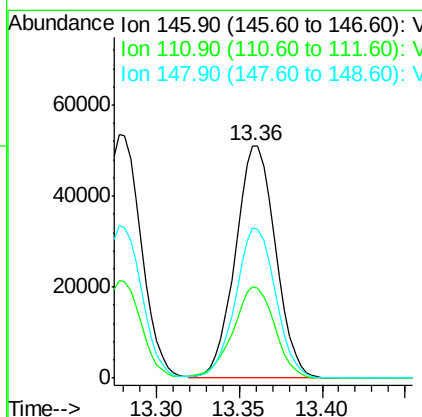
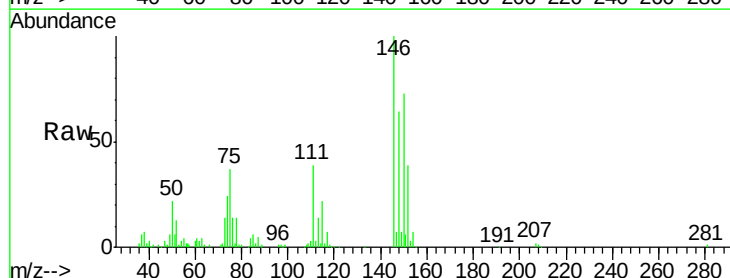
Instrument :
 MSVOA_N
 ClientSampled :
 VN0309WBSD01

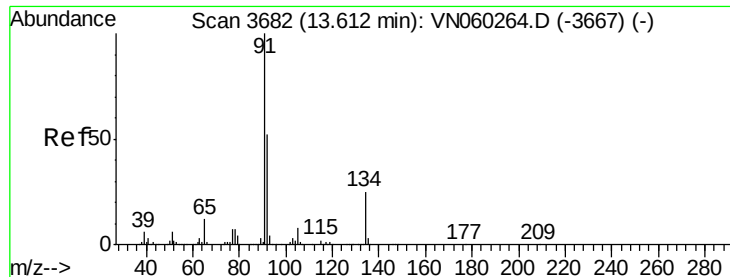
Tgt Ion:146 Resp: 86659
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.0 59.9
 148 63.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.22 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN060394.D
 Acq: 9 Mar 2020 11:47

Tgt Ion:146 Resp: 86102
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.8 59.4
 148 64.4 32.3 96.9

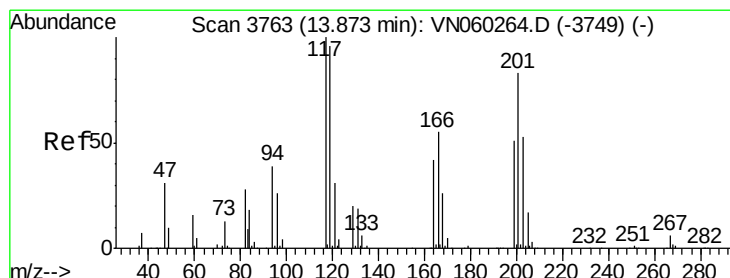
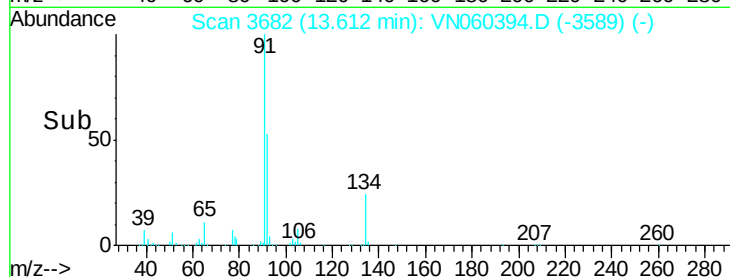
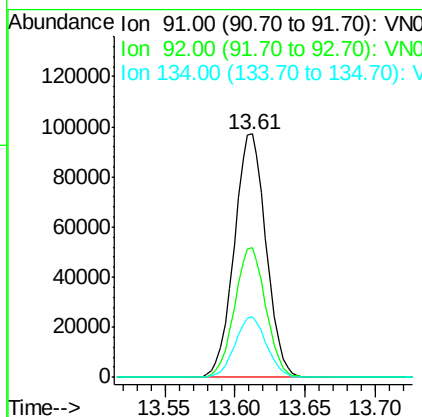
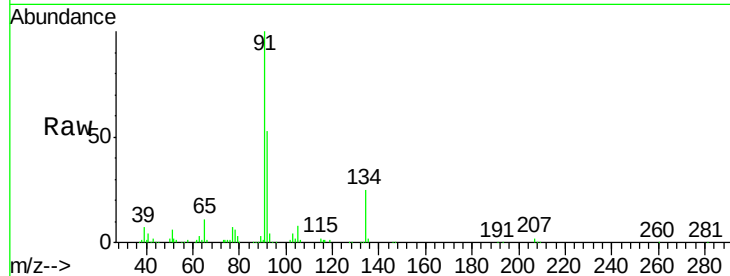




#89
n-Butylbenzene
Concen: 17.42 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

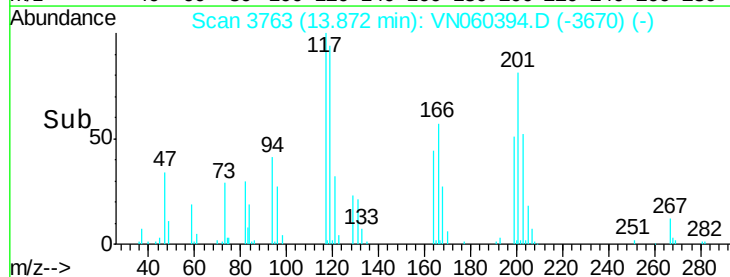
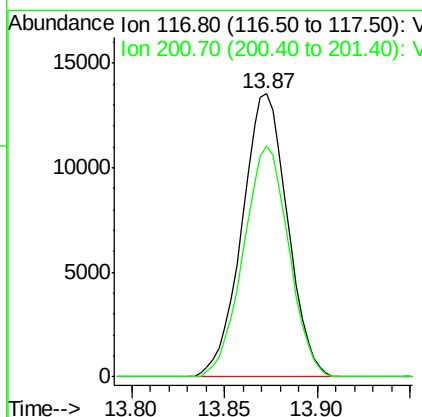
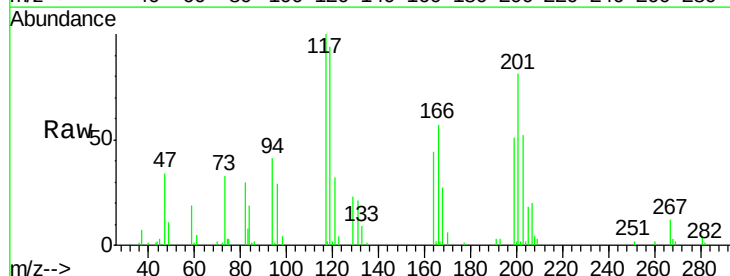
Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01

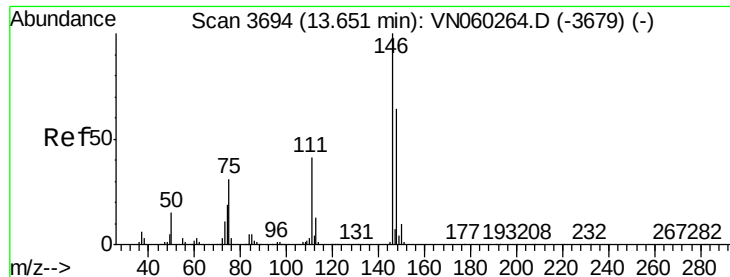
Tgt Ion: 91 Resp: 152853
Ion Ratio Lower Upper
91 100
92 52.3 26.0 78.0
134 24.6 12.7 38.1



#90
Hexachloroethane
Concen: 16.69 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN060394.D
Acq: 9 Mar 2020 11:47

Tgt Ion: 117 Resp: 23084
Ion Ratio Lower Upper
117 100
201 81.1 41.0 123.0

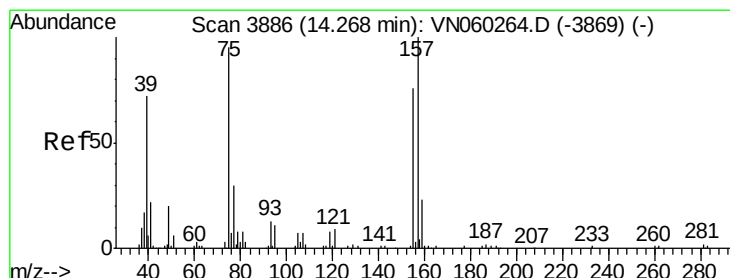
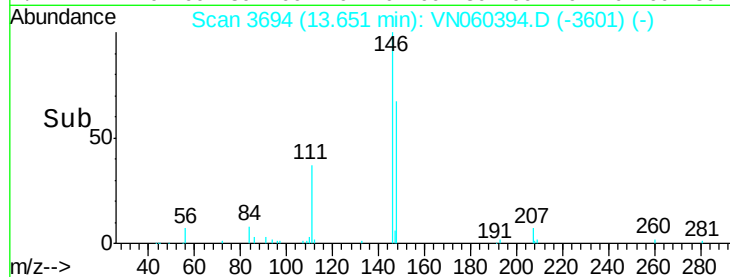
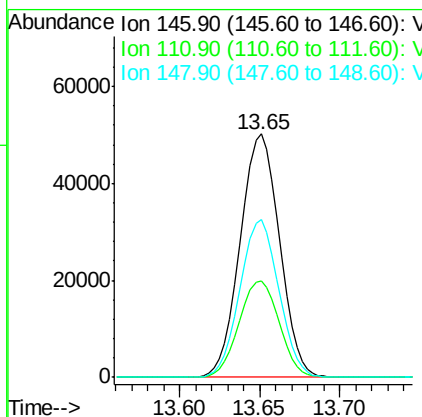
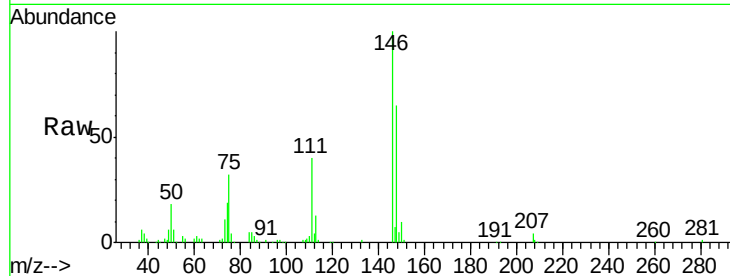




#91
 1,2-Dichlorobenzene
 Concen: 18.55 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN060394.D
 Acq: 9 Mar 2020 11:47

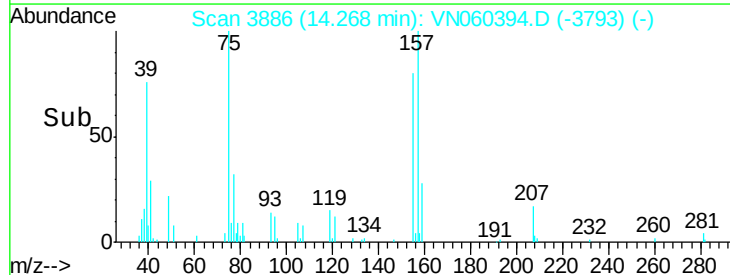
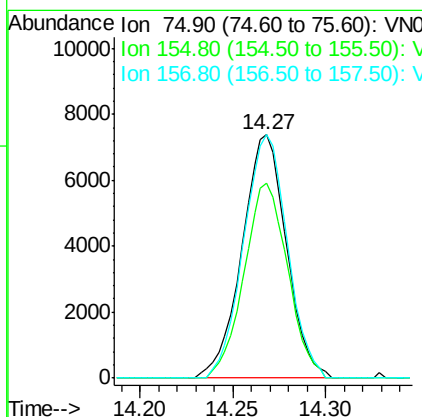
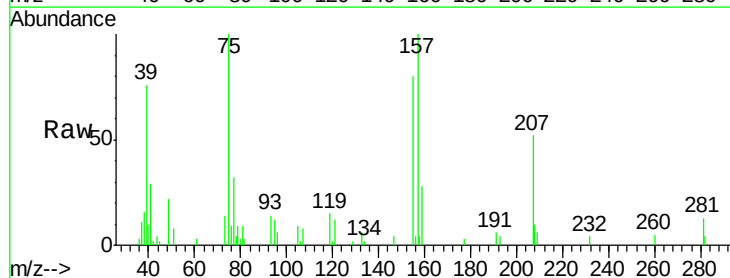
Instrument :
 MSVOA_N
 ClientSampled :
 VN0309WBSD01

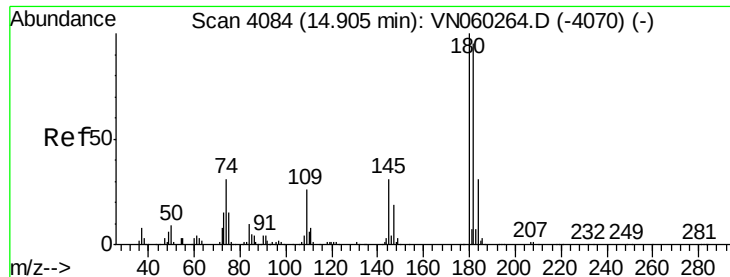
Tgt Ion: 146 Resp: 84274
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.3 61.0
 148 63.8 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.85 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN060394.D
 Acq: 9 Mar 2020 11:47

Tgt Ion: 75 Resp: 12276
 Ion Ratio Lower Upper
 75 100
 155 78.4 40.4 121.2
 157 98.3 52.5 157.5





#93

1,2,4-Trichlorobenzene

Concen: 18.41 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN0309WBSD01

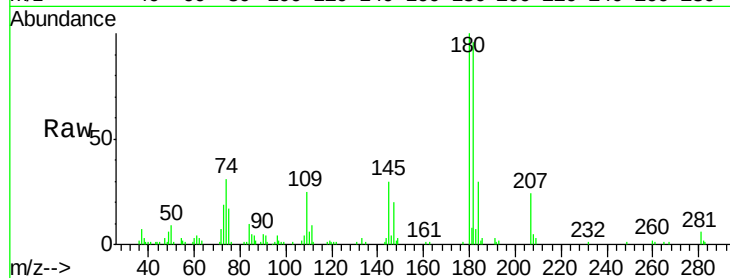
Tgt Ion:180 Resp: 52985

Ion Ratio Lower Upper

180 100

182 94.2 47.8 143.3

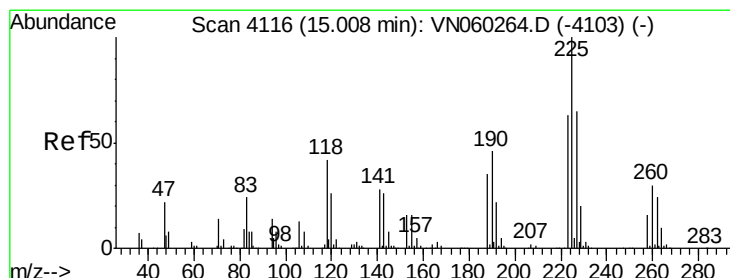
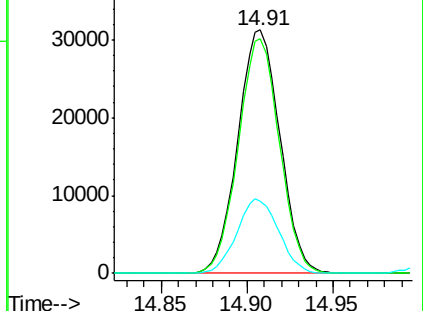
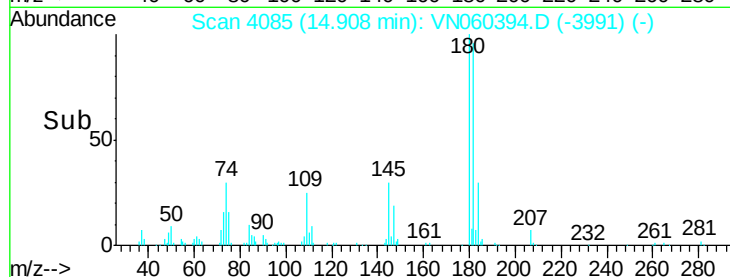
145 30.3 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 18.95 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

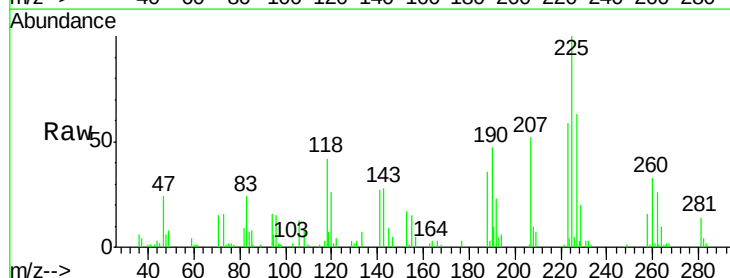
Tgt Ion:225 Resp: 25616

Ion Ratio Lower Upper

225 100

223 61.8 31.3 93.9

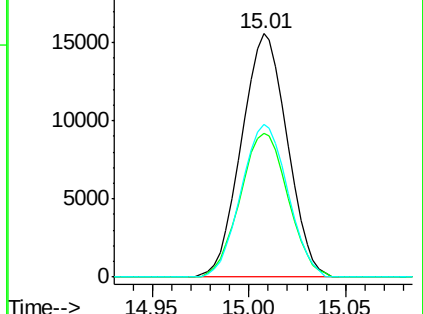
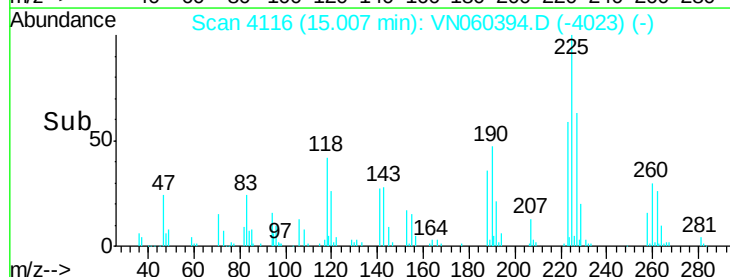
227 63.7 32.3 96.9

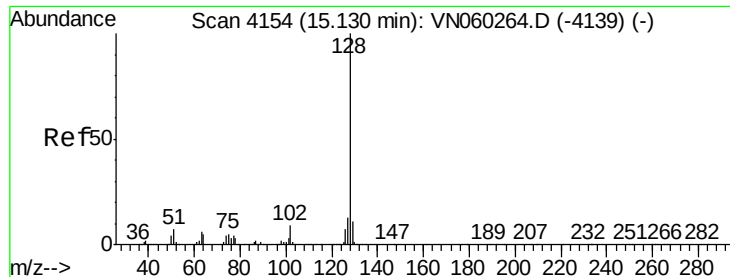


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.13 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN0309WBSD01

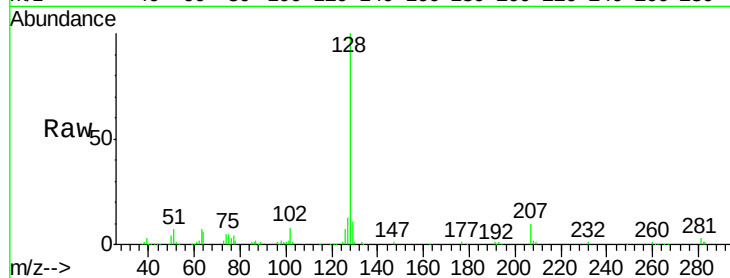
Tgt Ion:128 Resp: 155602

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

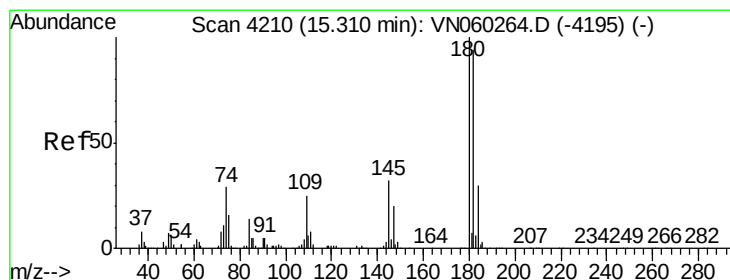
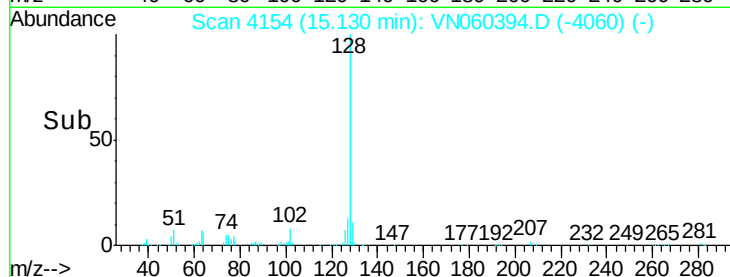
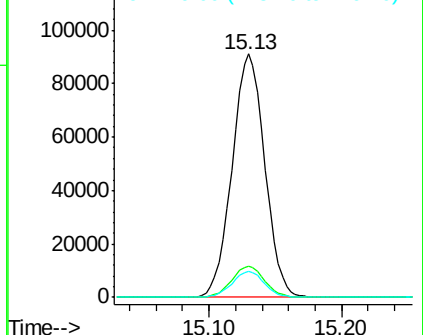
129 10.5 8.6 13.0



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: 18.50 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN060394.D

Acq: 9 Mar 2020 11:47

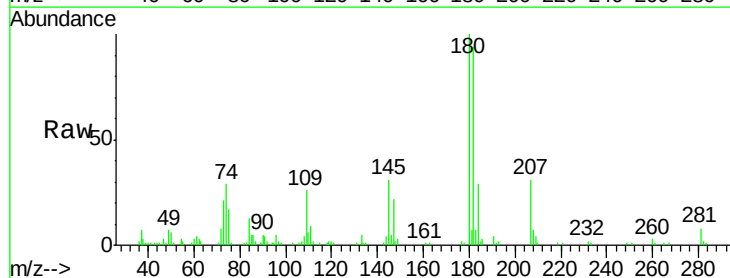
Tgt Ion:180 Resp: 50607

Ion Ratio Lower Upper

180 100

182 93.5 47.3 142.0

145 31.5 16.2 48.5



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

