

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092418\
 Data File : VN051453.D
 Acq On : 24 Sep 2018 11:52
 Operator : MD\SY
 Sample : VN0924WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD01

Quant Time: Sep 25 01:56:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	509008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	727631	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	636628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	310703	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	323149	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	
35) Dibromofluoromethane	7.59	113	289395	49.74	ug/l	0.00
Spiked Amount			Recovery	=	99.48%	
50) Toluene-d8	10.09	98	1067449	48.72	ug/l	0.00
Spiked Amount			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	12.40	95	334506	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	89514	18.850	ug/l	97
3) Chloromethane	2.06	50	154073	20.381	ug/l	99
4) Vinyl Chloride	2.18	62	168766	20.227	ug/l	100
5) Bromomethane	2.57	94	109111	21.855	ug/l	99
6) Chloroethane	2.71	64	106755	20.534	ug/l	98
7) Trichlorofluoromethane	3.02	101	215615	19.729	ug/l	98
8) Diethyl Ether	3.41	74	61856	16.176	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	111209	18.031	ug/l	99
10) Methyl Iodide	3.96	142	144755	17.846	ug/l	96
11) Tert butyl alcohol	4.79	59	34006	94.498	ug/l #	95
12) 1,1-Dichloroethene	3.74	96	99614	17.589	ug/l	99
13) Acrolein	3.61	56	33159	92.794	ug/l	96
14) Allyl chloride	4.33	41	171597	18.060	ug/l	98
15) Acrylonitrile	4.99	53	179402	91.645	ug/l	100
16) Acetone	3.82	43	129105	74.196	ug/l	100
17) Carbon Disulfide	4.06	76	291924	17.545	ug/l	98
18) Methyl Acetate	4.33	43	93154	19.183	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	275356	18.855	ug/l	99
20) Methylene Chloride	4.55	84	119112	18.878	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	106013	18.299	ug/l	96
22) Diisopropyl ether	5.96	45	370166	20.154	ug/l	99
23) Vinyl Acetate	5.90	43	1151369	95.485	ug/l	100
24) 1,1-Dichloroethane	5.85	63	219213	20.004	ug/l	98
25) 2-Butanone	6.84	43	200003	91.642	ug/l	98
26) 2,2-Dichloropropane	6.82	77	173070	20.232	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	120022	18.881	ug/l	94
28) Bromochloromethane	7.20	49	93514	18.479	ug/l	100
29) Tetrahydrofuran	7.22	42	133435	96.480	ug/l	98
30) Chloroform	7.37	83	218257	20.100	ug/l	100
31) Cyclohexane	7.66	56	187442	18.669	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	187899	20.241	ug/l	100
36) 1,1-Dichloropropene	7.79	75	160812	19.085	ug/l	98
37) Ethyl Acetate	6.93	43	91717	18.931	ug/l	98
38) Carbon Tetrachloride	7.77	117	169900	19.278	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	175027	17.769	ug/l	96
40) Benzene	8.04	78	483378	19.538	ug/l	100
41) Methacrylonitrile	7.17	41	46184	17.231	ug/l	94
42) 1,2-Dichloroethane	8.13	62	153947	19.433	ug/l	99
43) Isopropyl Acetate	8.17	43	166769	19.036	ug/l	100
44) Trichloroethene	8.84	130	125002	19.022	ug/l	99
45) 1,2-Dichloropropane	9.12	63	131501	19.553	ug/l	100
46) Dibromomethane	9.21	93	74525	19.612	ug/l	98
47) Bromodichloromethane	9.40	83	165314	19.659	ug/l	98
48) Methyl methacrylate	9.20	41	80469	18.424	ug/l	99
49) 1,4-Dioxane	9.20	88	20523	383.403	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	454778	94.392	ug/l	99
52) Toluene	10.16	92	291452	18.956	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	156230	18.402	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	186630	18.956	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	105391	19.395	ug/l	99
56) Ethyl methacrylate	10.43	69	122177	18.390	ug/l	99
57) 1,3-Dichloropropane	10.71	76	179878	19.313	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	310331	99.649	ug/l	99
59) 2-Hexanone	10.75	43	275165	88.101	ug/l	97
60) Dibromochloromethane	10.90	129	121572	18.962	ug/l	100
61) 1,2-Dibromoethane	11.01	107	97069	18.401	ug/l	99
64) Tetrachloroethene	10.63	164	115650	20.017	ug/l	97
65) Chlorobenzene	11.43	112	312304	19.120	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	123198	19.797	ug/l	99
67) Ethyl Benzene	11.51	91	520848	18.921	ug/l	99
68) m/p-Xylenes	11.62	106	405439	38.078	ug/l	100
69) o-Xylene	11.95	106	192753	18.831	ug/l	97
70) Styrene	11.96	104	305373	18.827	ug/l	99
71) Bromoform	12.13	173	77789	18.422	ug/l #	99
73) Isopropylbenzene	12.25	105	515519	19.665	ug/l	100
74) N-amyl acetate	12.07	43	120864	18.375	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	124819	20.418	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	145996	28.305	ug/l #	100
77) Bromobenzene	12.53	156	129465	19.508	ug/l	99
78) n-propylbenzene	12.59	91	581244	19.673	ug/l	99
79) 2-Chlorotoluene	12.67	91	351739	19.889	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	428111	20.028	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	30886	18.413	ug/l	95
82) 4-Chlorotoluene	12.77	91	348595	19.749	ug/l	97
83) tert-Butylbenzene	12.99	119	375981	19.761	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	439957	20.425	ug/l	99
85) sec-Butylbenzene	13.17	105	511573	19.875	ug/l	100
86) p-Isopropyltoluene	13.29	119	435350	19.547	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	218923	19.063	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	209322	18.943	ug/l	98
89) n-Butylbenzene	13.61	91	338483	18.481	ug/l	99
90) Hexachloroethane	13.87	117	87604	19.741	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	217440	19.514	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16820	19.280	ug/l	96

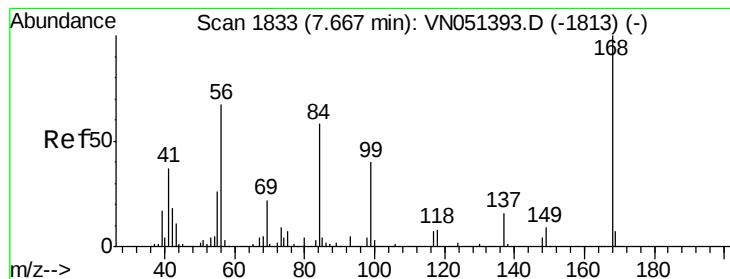
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092418\
Data File : VN051453.D
Acq On : 24 Sep 2018 11:52
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Sample : VN0924WBSD01
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Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	93853	19.736	ug/l	99
94) Hexachlorobutadiene	15.01	225	84199	19.971	ug/l	99
95) Naphthalene	15.13	128	163471	19.918	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	97668	18.264	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

Instrument :

MSVOA_N

ClientSampleId :

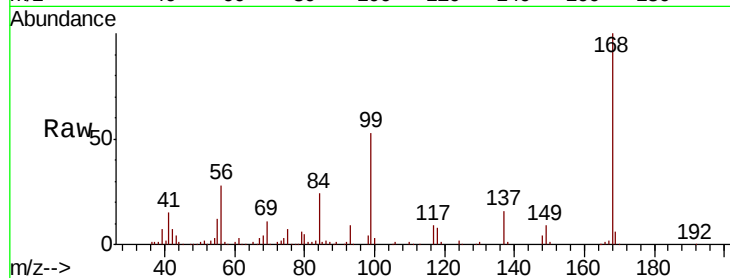
VN0924WBSD01

Tot Ion:168 Resp: 509008

Ion Ratio Lower Upper

168 100

99 52.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

150000

100000

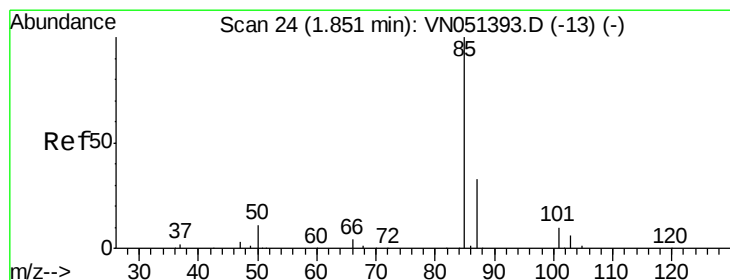
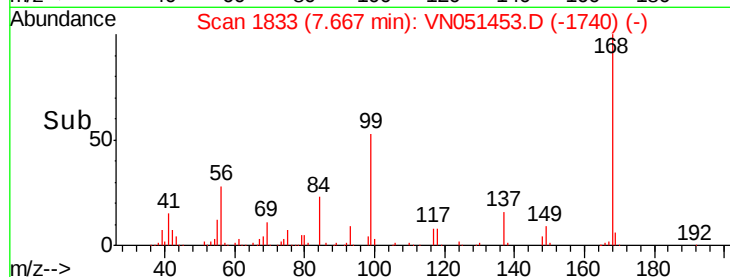
50000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.850 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051453.D

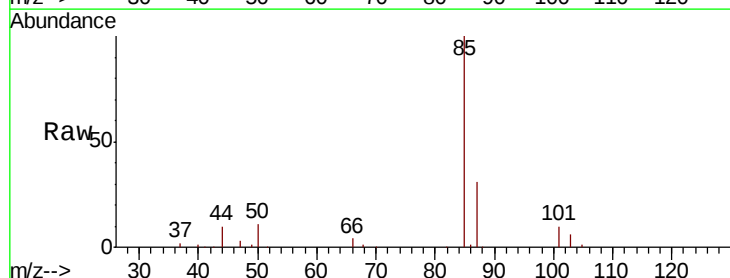
Acq: 24 Sep 2018 11:52

Tgt Ion: 85 Resp: 89514

Ion Ratio Lower Upper

85 100

87 30.8 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

60000

40000

20000

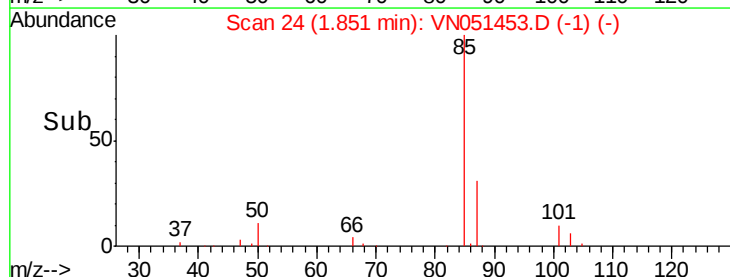
0

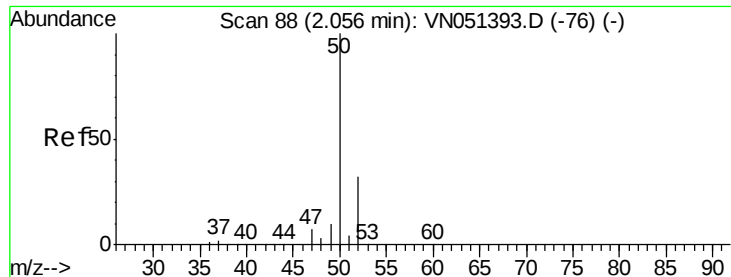
1.80

1.90

1.95

Time-->





#3

Chloromethane

Concen: 20.381 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

Instrument :

MSVOA_N

ClientSampleId :

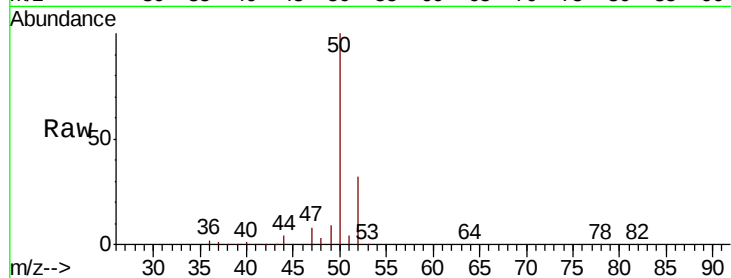
VN0924WBSD01

Tot Ion: 50 Resp: 154073

Ion Ratio Lower Upper

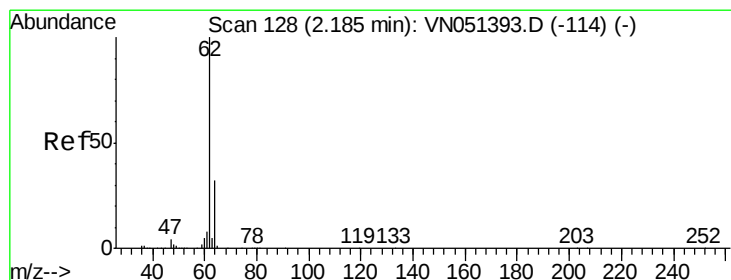
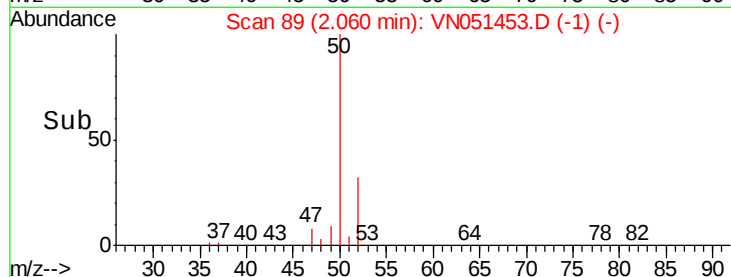
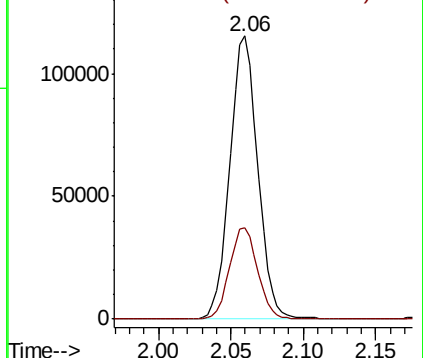
50 100

52 32.5 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 20.227 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN051453.D

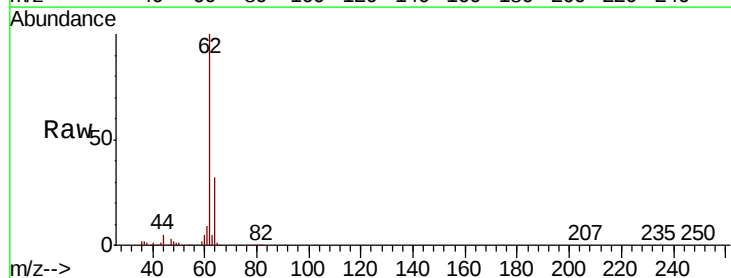
Acq: 24 Sep 2018 11:52

Tgt Ion: 62 Resp: 168766

Ion Ratio Lower Upper

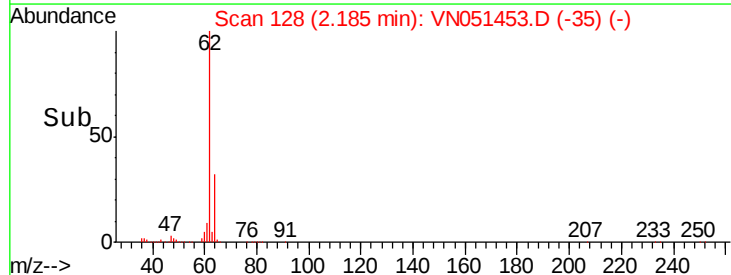
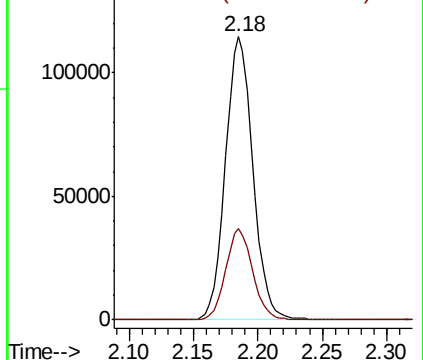
62 100

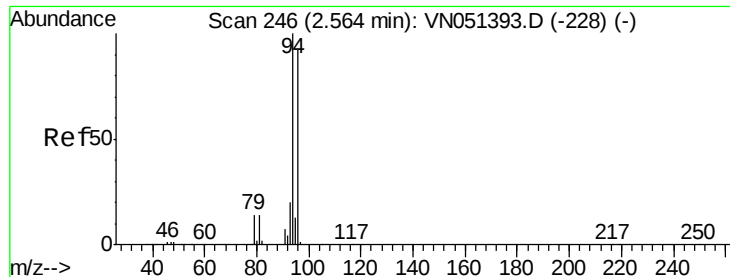
64 32.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 21.855 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

Instrument :

MSVOA_N

ClientSampleId :

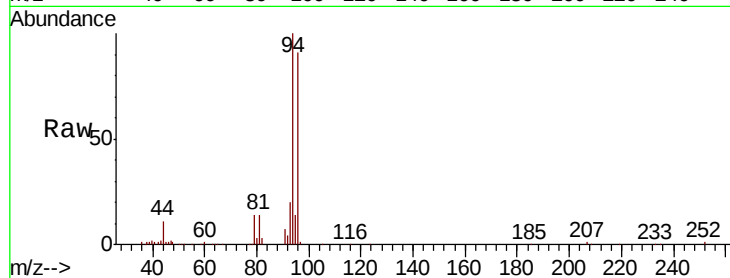
VN0924WBSD01

Tot Ion: 94 Resp: 109111

Ion Ratio Lower Upper

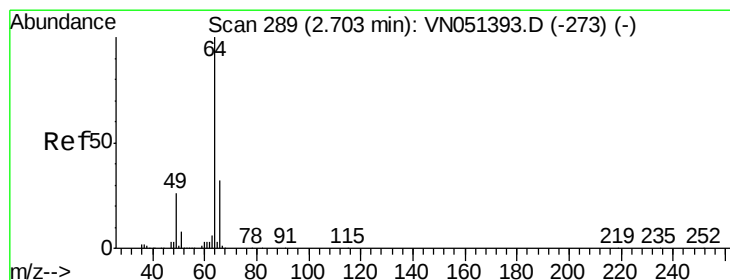
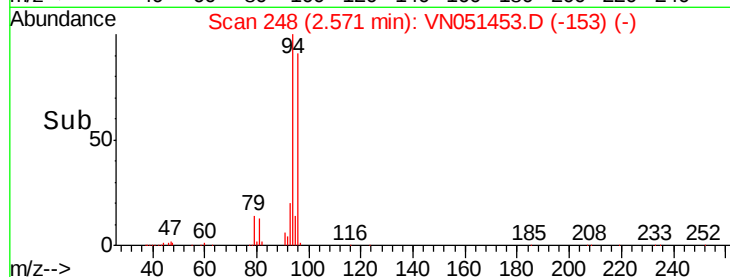
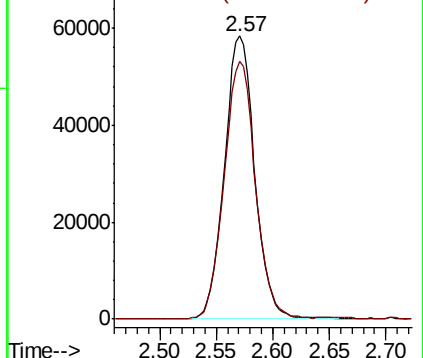
94 100

96 90.8 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.534 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN051453.D

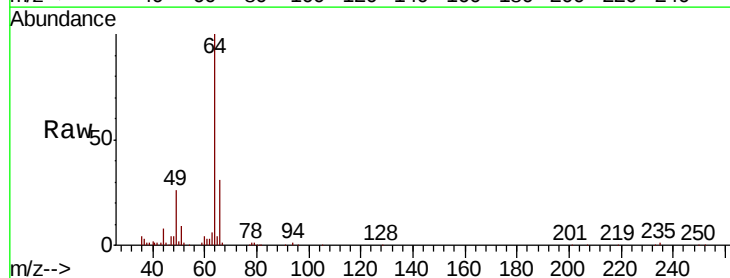
Acq: 24 Sep 2018 11:52

Tgt Ion: 64 Resp: 106755

Ion Ratio Lower Upper

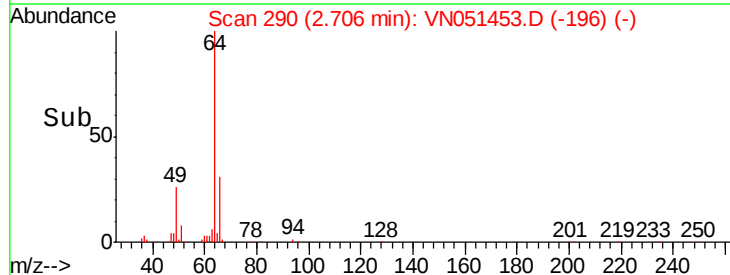
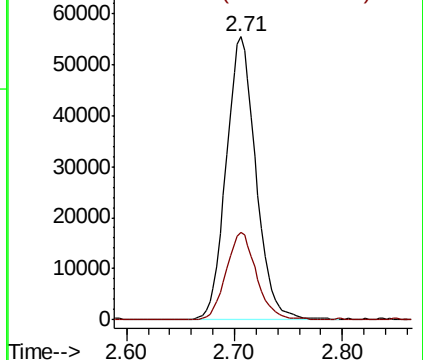
64 100

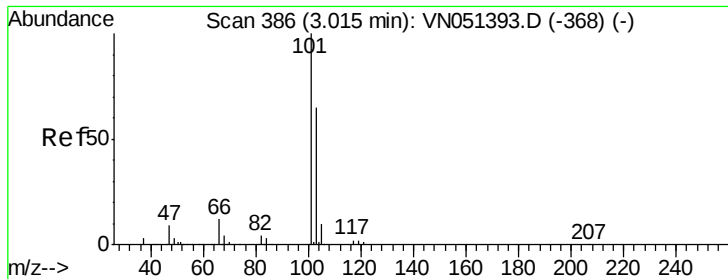
66 31.0 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



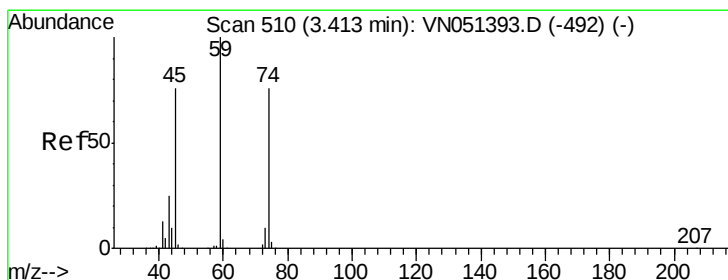
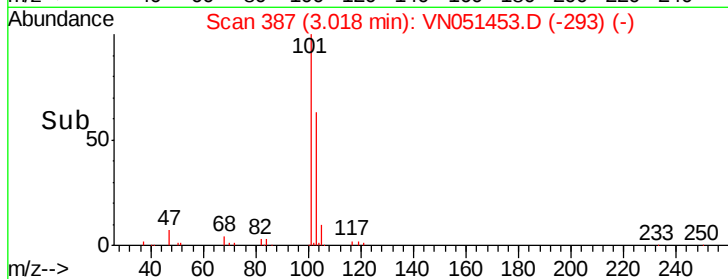
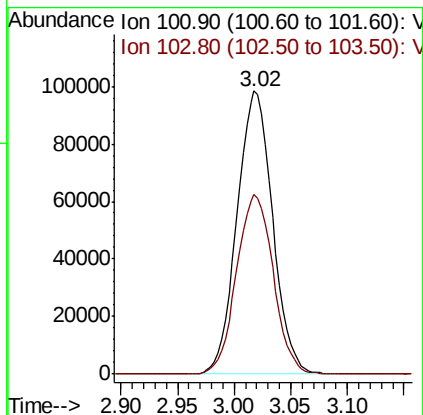
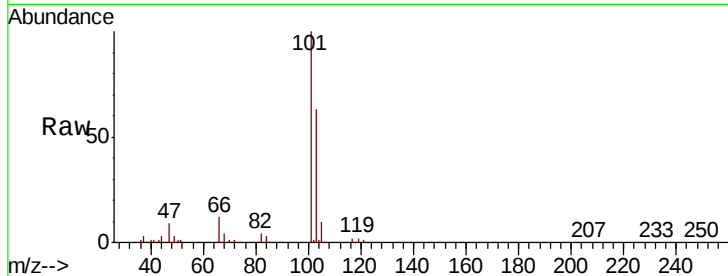


#7

Trichlorofluoromethane
 Concen: 19.729 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN051453.D
 Acq: 24 Sep 2018 11:52

Instrument :
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 VN0924WBSD01

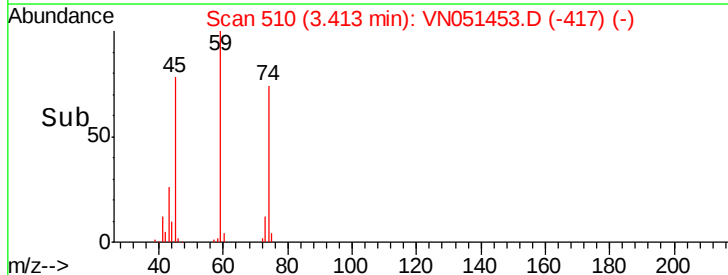
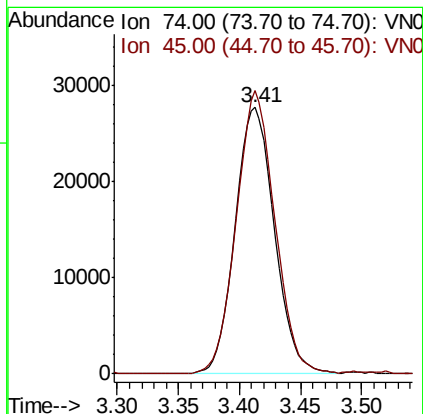
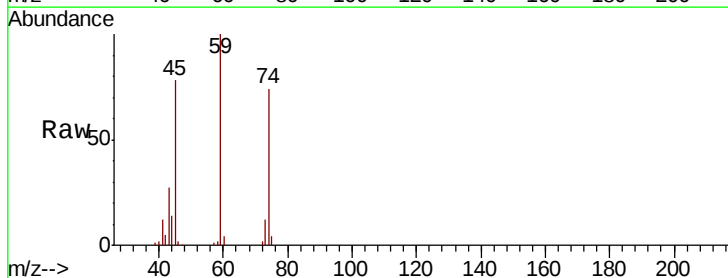
Tot Ion:101 Resp: 215615
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.8 77.8

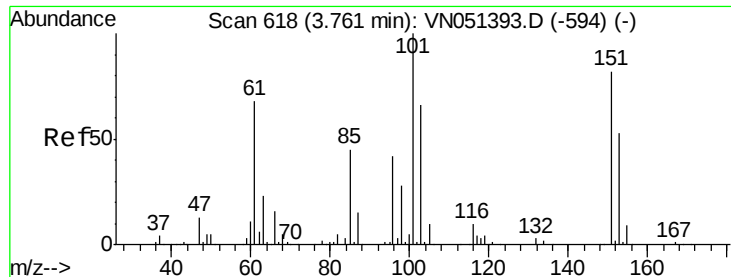


#8

Diethyl Ether
 Concen: 16.176 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN051453.D
 Acq: 24 Sep 2018 11:52

Tgt Ion: 74 Resp: 61856
 Ion Ratio Lower Upper
 74 100
 45 104.1 50.2 150.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.031 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD01

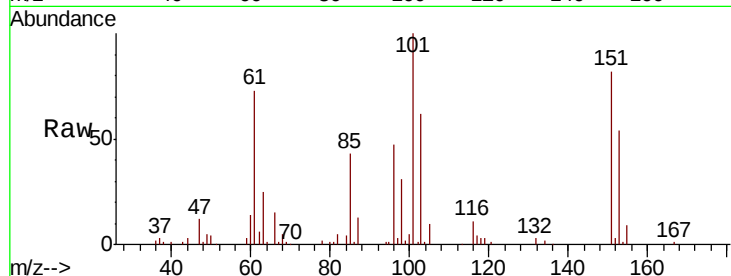
Tot Ion:101 Resp: 111209

Ion Ratio Lower Upper

101 100

85 43.0 33.9 50.9

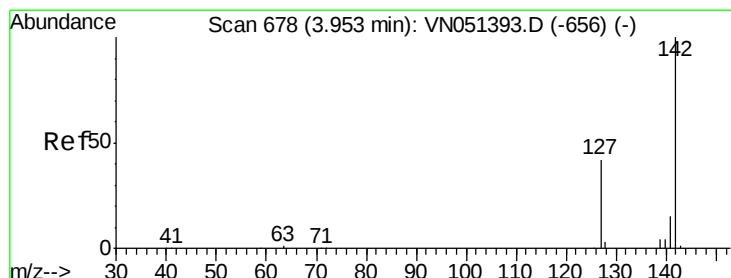
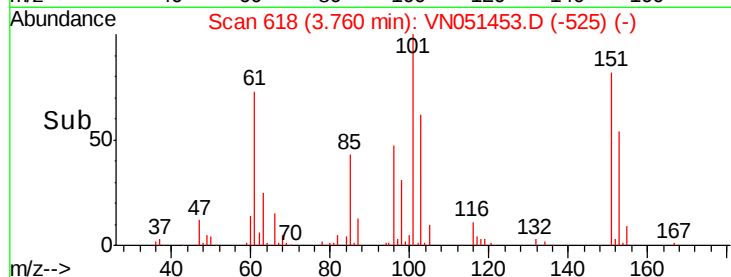
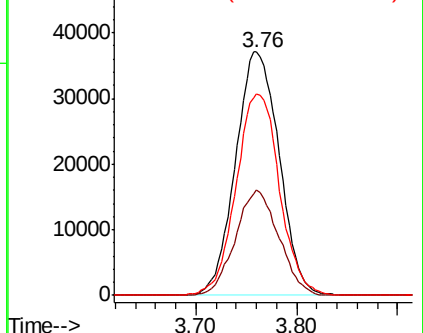
151 82.4 65.2 97.8



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: 17.846 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

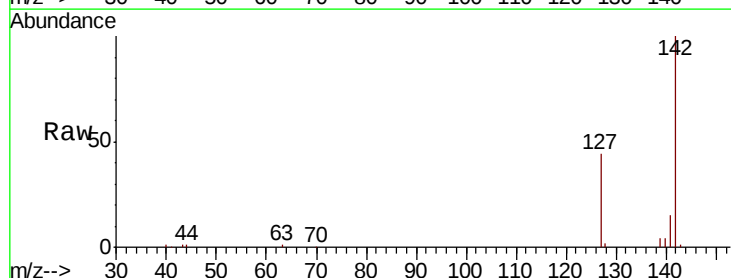
Tgt Ion:142 Resp: 144755

Ion Ratio Lower Upper

142 100

127 44.6 33.2 49.8

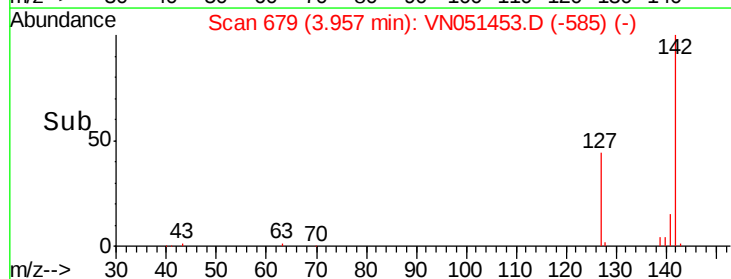
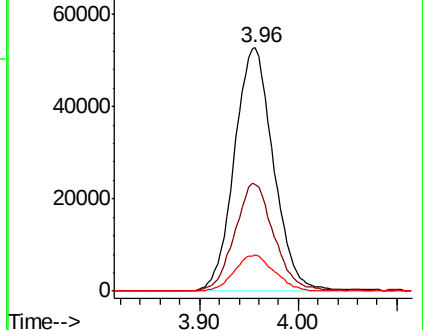
141 15.1 11.5 17.3

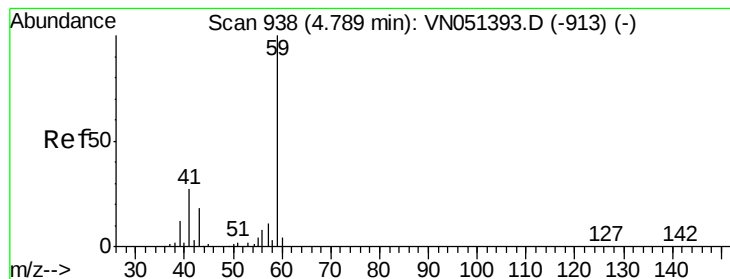


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



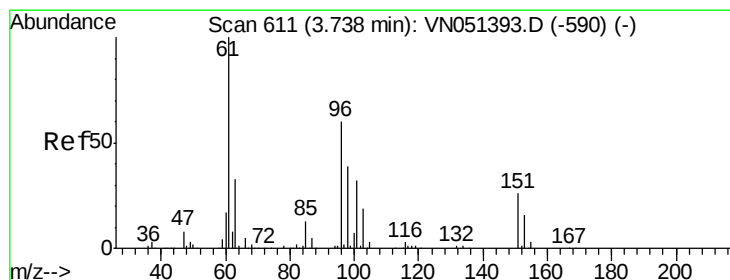
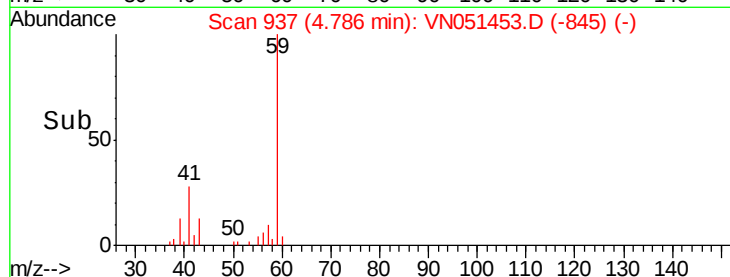
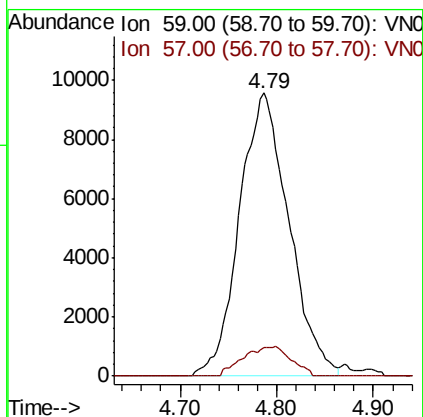
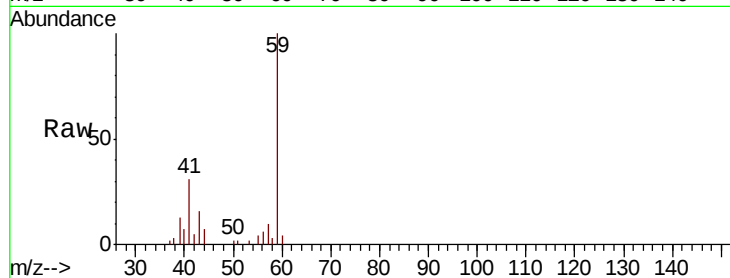


#11

Tert butyl alcohol
 Concen: 94.498 ug/l
 RT: 4.79 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: VN051453.D
 Acq: 24 Sep 2018 11:52

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0924WBSD01

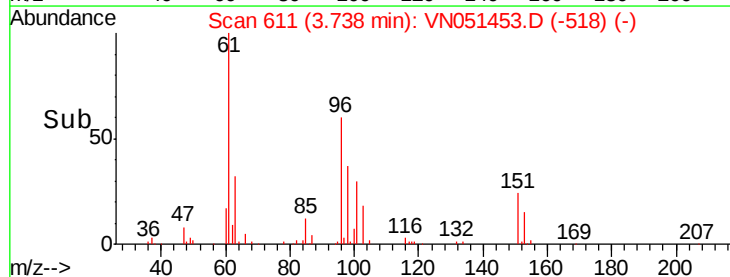
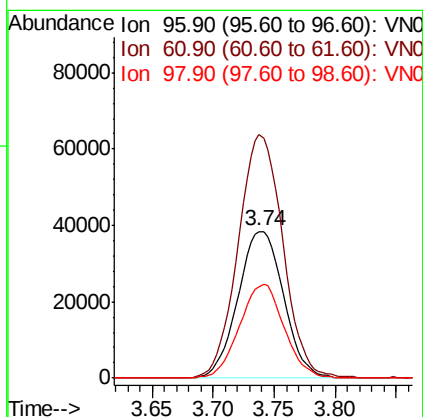
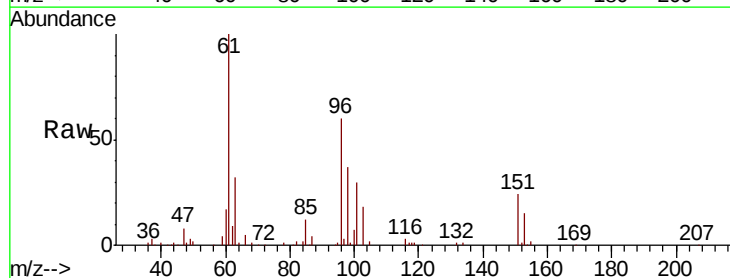
Tot Ion: 59 Resp: 34006
 Ion Ratio Lower Upper
 59 100
 57 5.9 6.2 9.2#

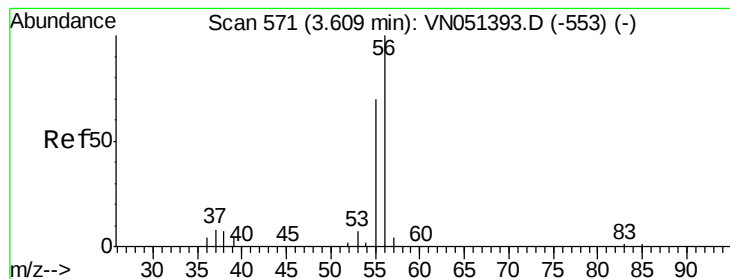


#12

1,1-Dichloroethene
 Concen: 17.589 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN051453.D
 Acq: 24 Sep 2018 11:52

Tgt Ion: 96 Resp: 99614
 Ion Ratio Lower Upper
 96 100
 61 166.4 133.6 200.4
 98 62.3 52.2 78.2





#13

Acrolein

Concen: 92.794 ug/l

RT: 3.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

Instrument :

MSVOA_N

ClientSampled :

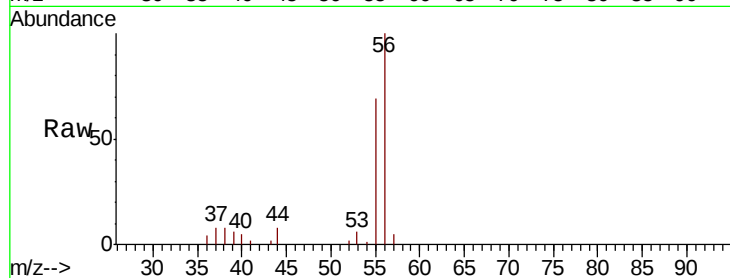
VN0924WBSD01

Tot Ion: 56 Resp: 33159

Ion Ratio Lower Upper

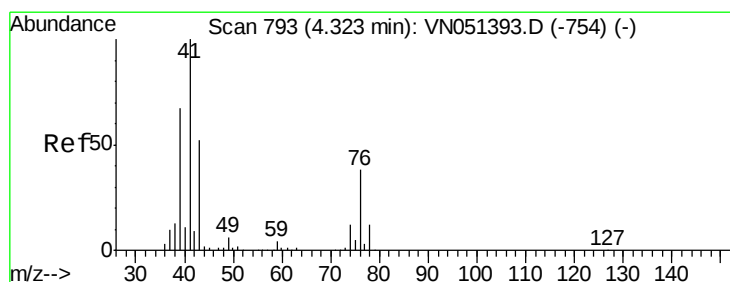
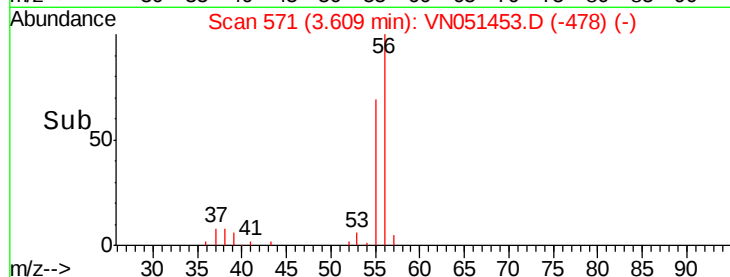
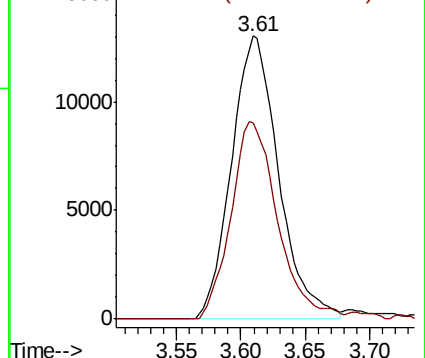
56 100

55 68.9 57.8 86.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.060 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

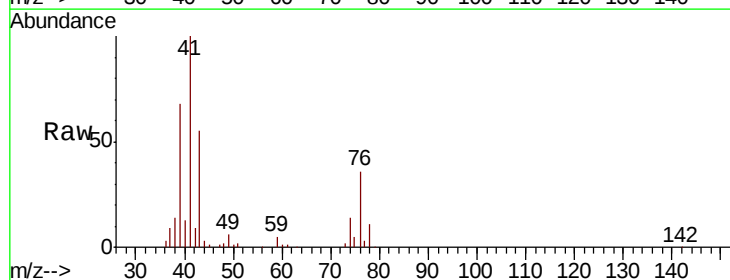
Tgt Ion: 41 Resp: 171597

Ion Ratio Lower Upper

41 100

39 65.0 51.4 77.2

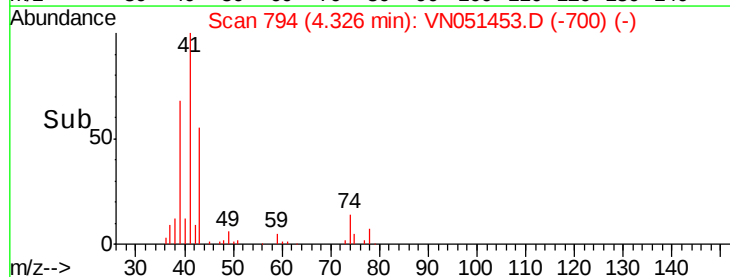
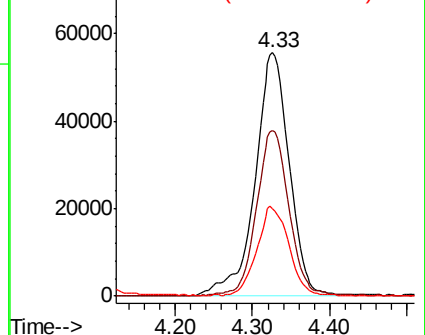
76 33.5 28.1 42.1

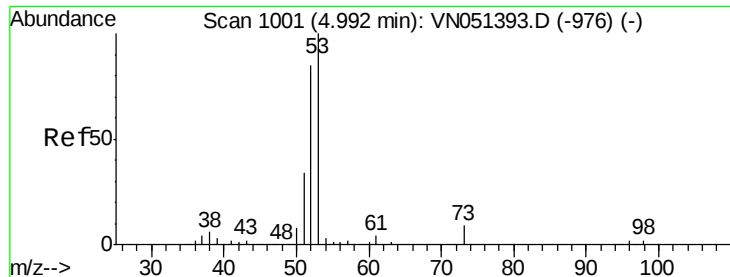


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 91.645 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD01

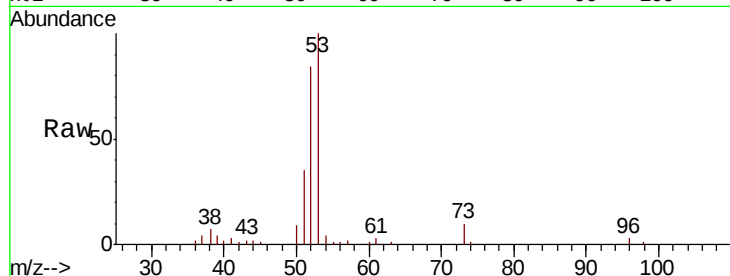
Tot Ion: 53 Resp: 179402

Ion Ratio Lower Upper

53 100

52 82.8 66.2 99.2

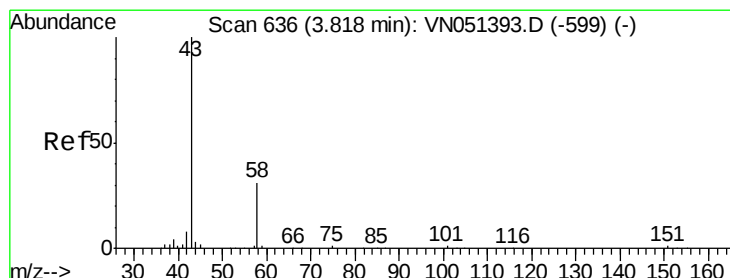
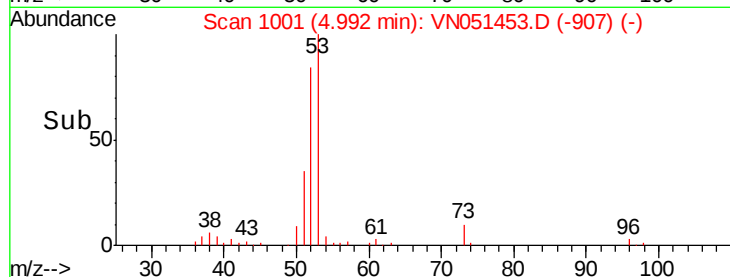
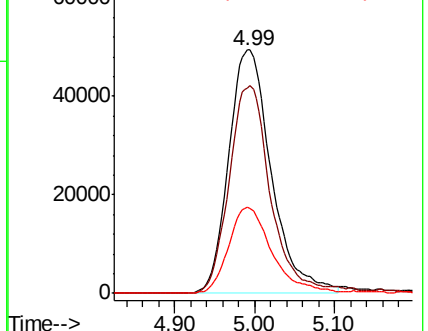
51 36.1 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 74.196 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN051453.D

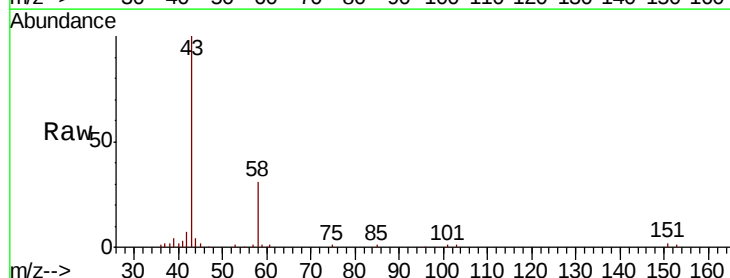
Acq: 24 Sep 2018 11:52

Tgt Ion: 43 Resp: 129105

Ion Ratio Lower Upper

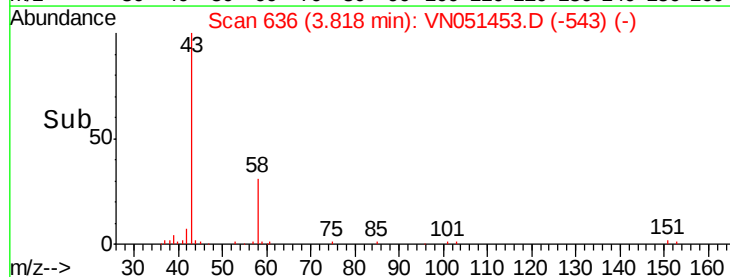
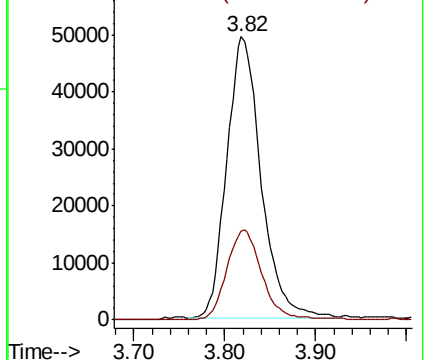
43 100

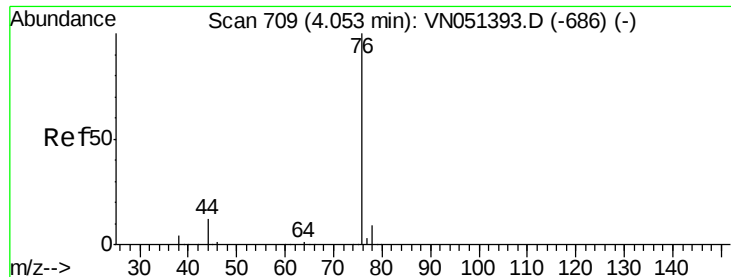
58 31.4 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

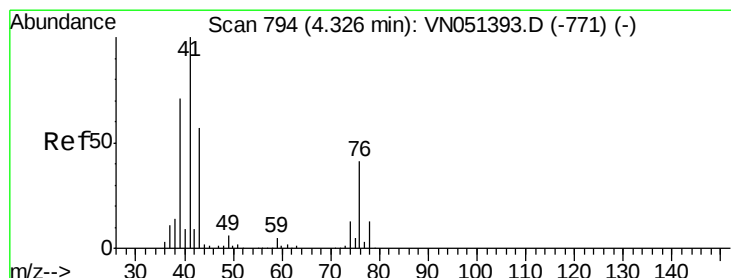
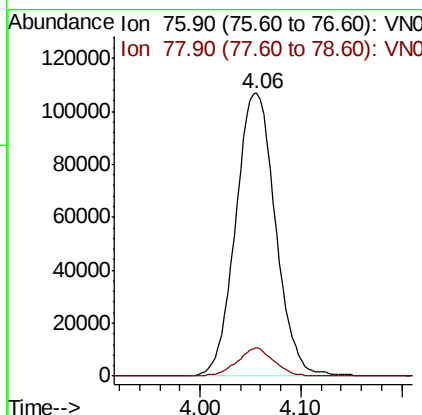
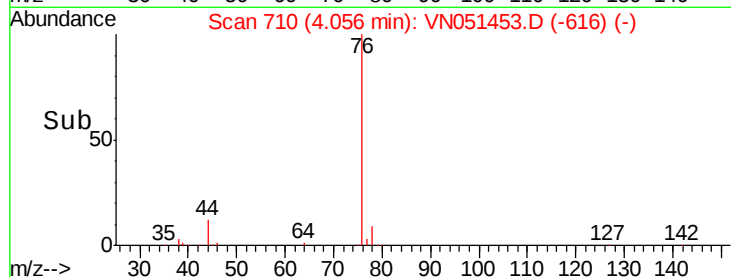
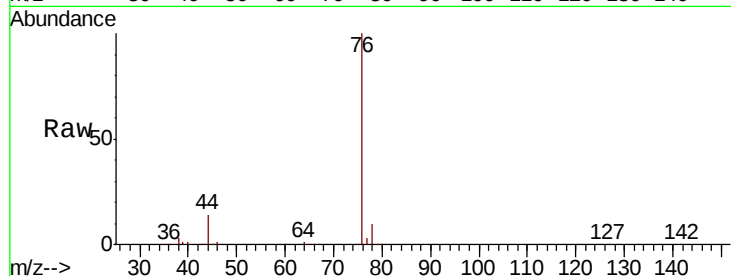




#17
Carbon Disulfide
Concen: 17.545 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN051453.D
Acq: 24 Sep 2018 11:52

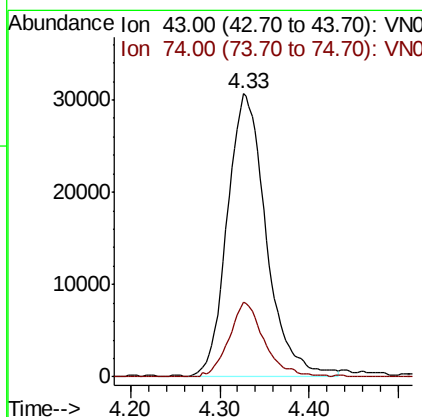
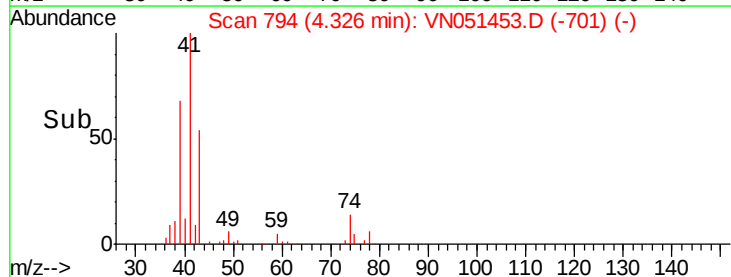
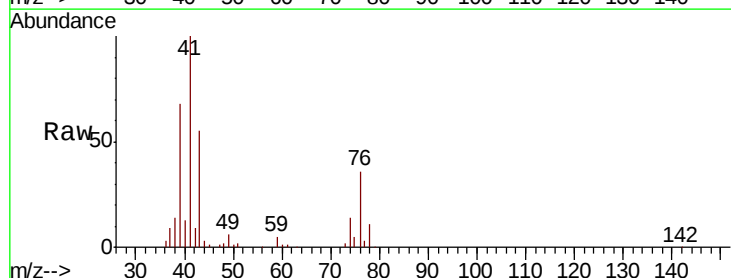
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

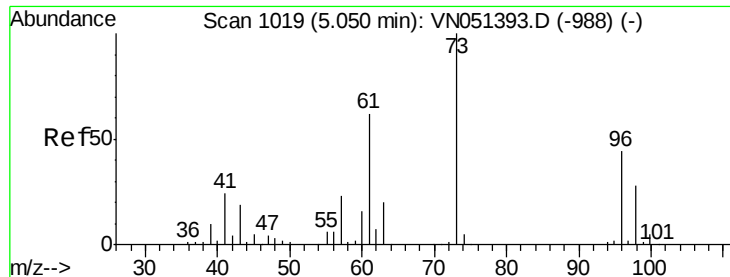
Tot Ion: 76 Resp: 291924
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9



#18
Methyl Acetate
Concen: 19.183 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN051453.D
Acq: 24 Sep 2018 11:52

Tgt Ion: 43 Resp: 93154
Ion Ratio Lower Upper
43 100
74 23.9 18.8 28.2

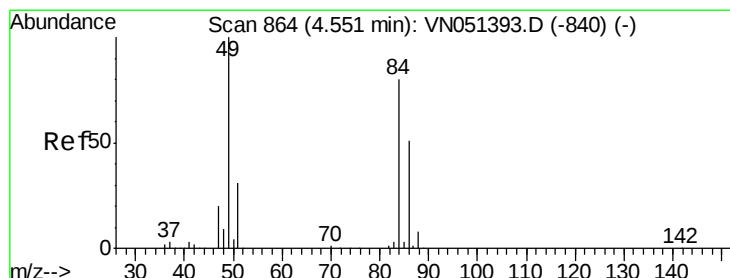
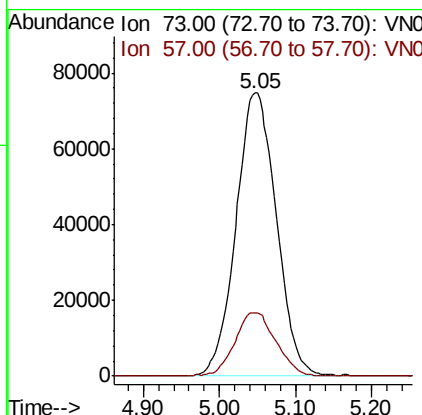
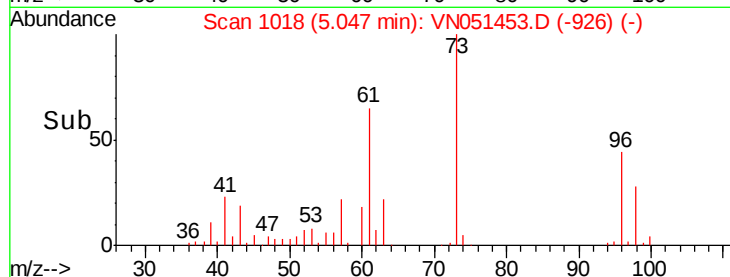
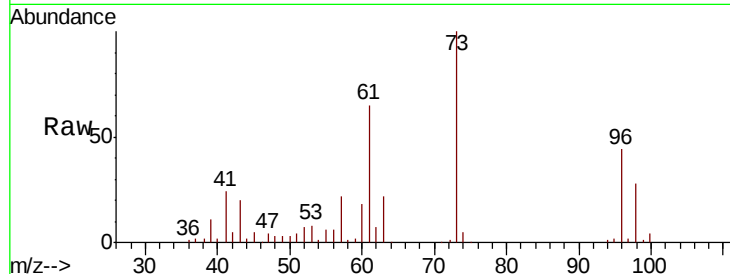




#19
Methyl tert-butyl Ether
Concen: 18.855 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN051453.D
Acq: 24 Sep 2018 11:52

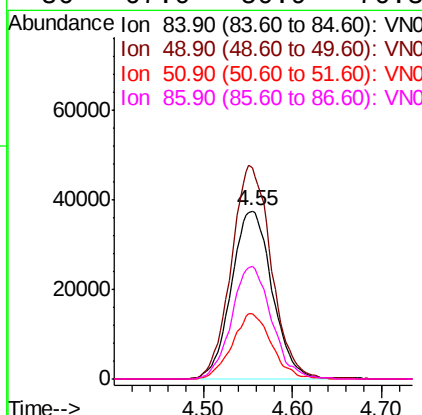
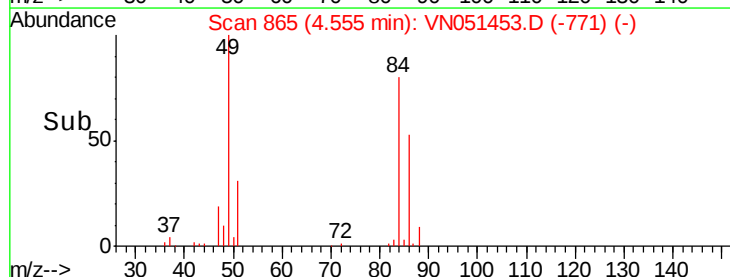
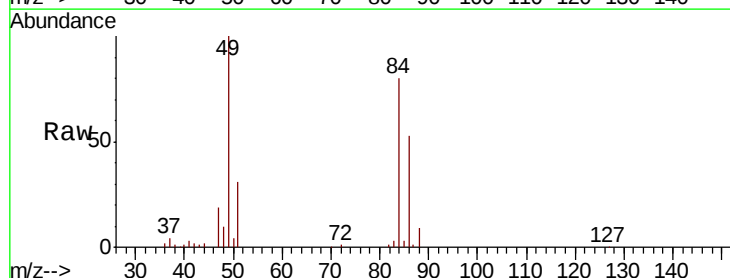
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

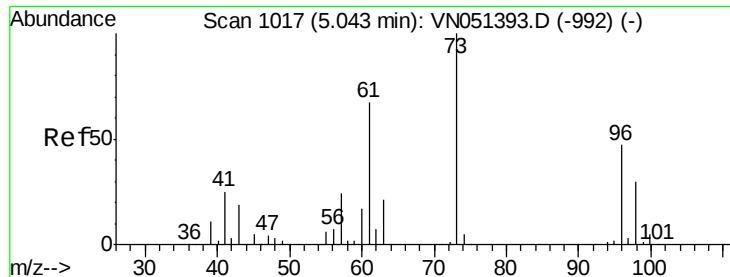
Tot Ion: 73 Resp: 275356
Ion Ratio Lower Upper
73 100
57 22.3 18.3 27.5



#20
Methylene Chloride
Concen: 18.878 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051453.D
Acq: 24 Sep 2018 11:52

Tgt Ion: 84 Resp: 119112
Ion Ratio Lower Upper
84 100
49 125.8 99.9 149.9
51 38.6 31.4 47.2
86 67.0 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 18.299 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD01

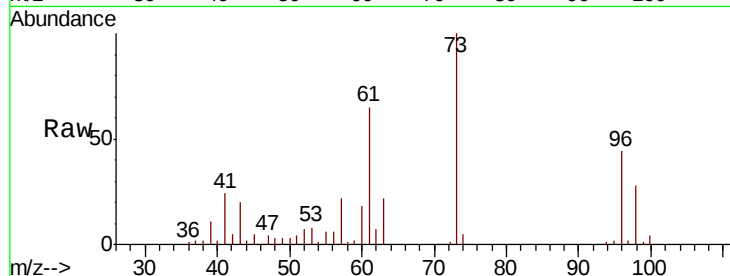
Tot Ion: 96 Resp: 106013

Ion Ratio Lower Upper

96 100

61 147.8 113.4 170.2

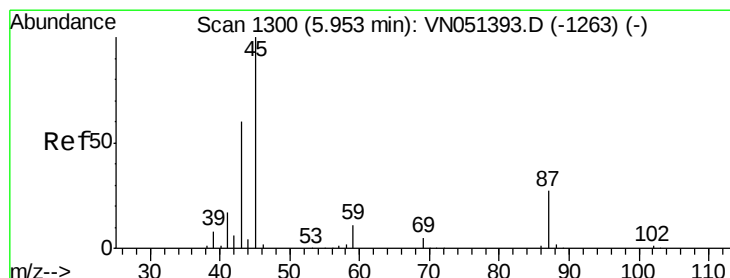
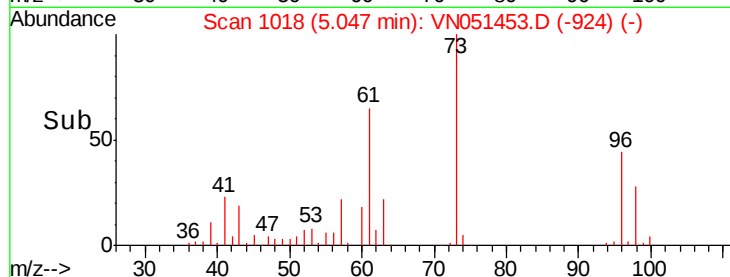
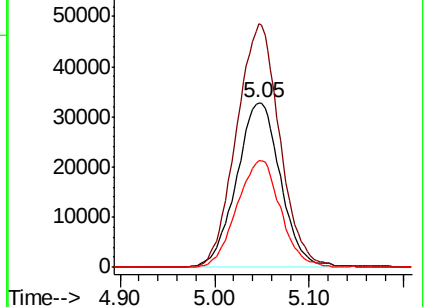
98 64.6 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VN051393.D (-992) (-)

Ion 60.90 (60.60 to 61.60): VN051393.D (-992) (-)

Ion 97.90 (97.60 to 98.60): VN051393.D (-992) (-)



#22

Diisopropyl ether

Concen: 20.154 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

Tgt Ion: 45 Resp: 370166

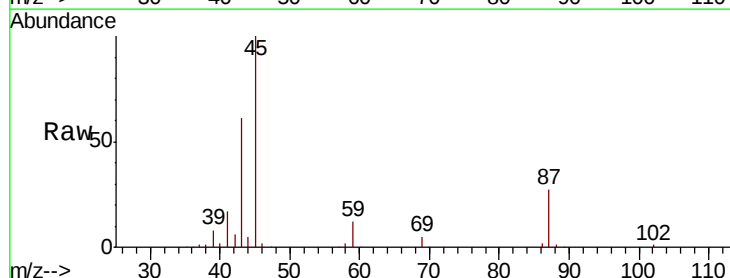
Ion Ratio Lower Upper

45 100

43 58.7 47.7 71.5

87 27.3 22.0 33.0

59 12.1 9.3 13.9

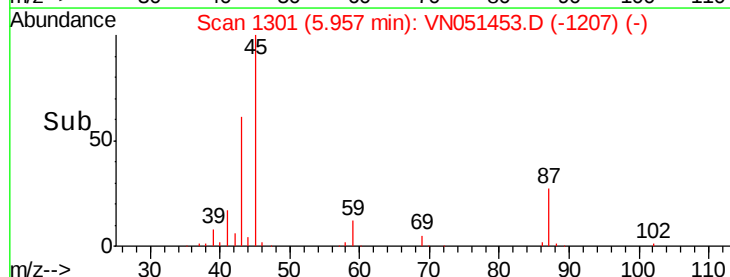
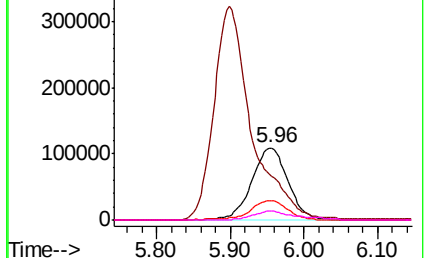


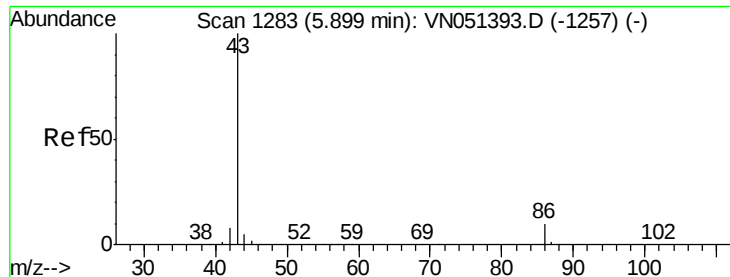
Abundance Ion 45.00 (44.70 to 45.70): VN051393.D (-1263) (-)

Ion 43.00 (42.70 to 43.70): VN051393.D (-1263) (-)

Ion 87.00 (86.70 to 87.70): VN051393.D (-1263) (-)

Ion 59.00 (58.70 to 59.70): VN051393.D (-1263) (-)

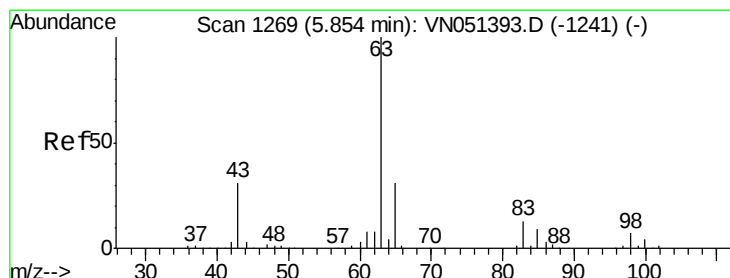
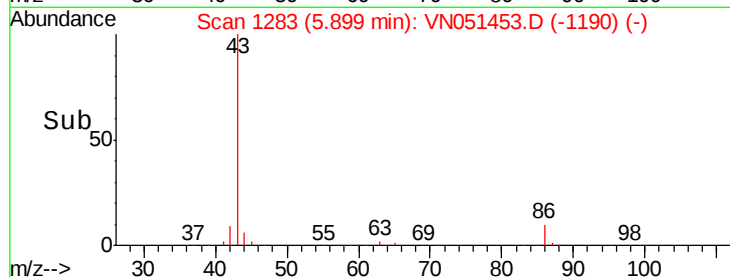
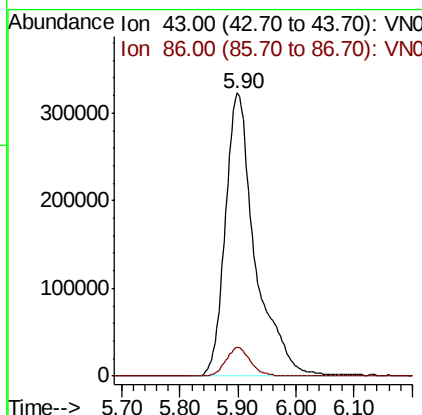
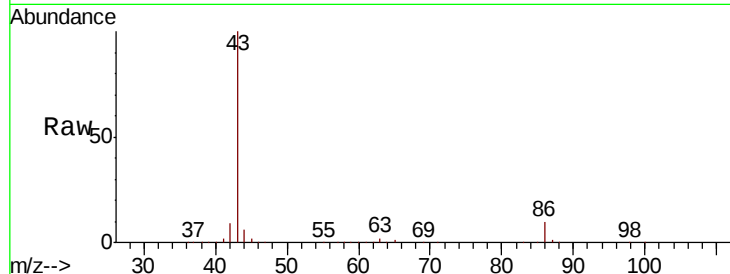




#23
 Vinyl Acetate
 Concen: 95.485 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VN051453.D
 Acq: 24 Sep 2018 11:52

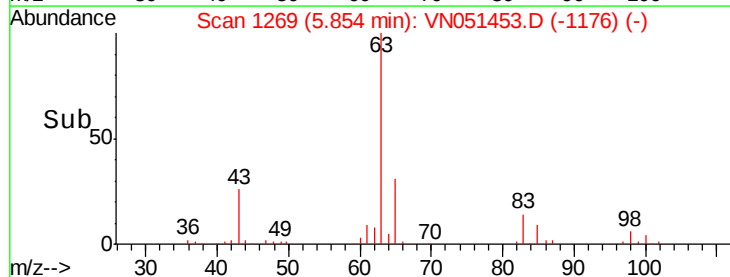
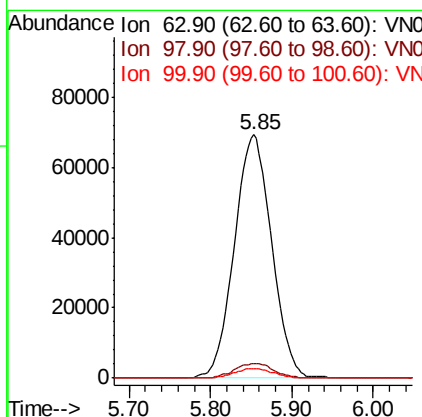
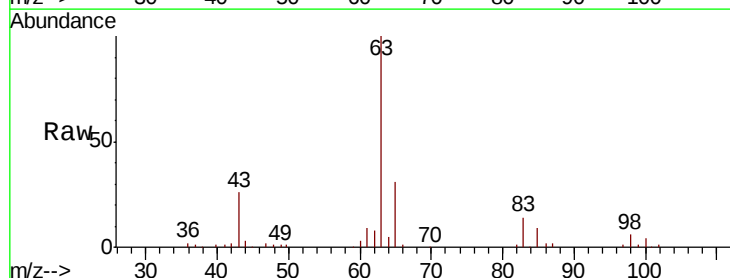
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD01

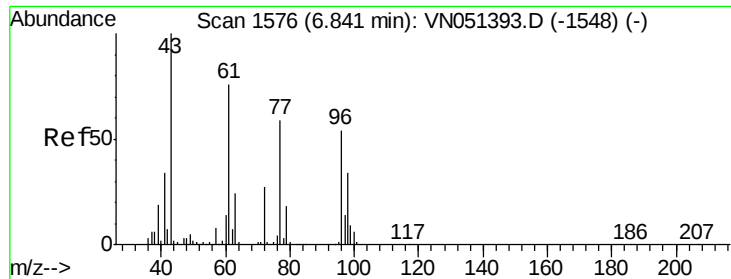
Tot Ion: 43 Resp: 1151369
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 20.004 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VN051453.D
 Acq: 24 Sep 2018 11:52

Tgt Ion: 63 Resp: 219213
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.4 10.1
 100 3.8 2.2 6.6

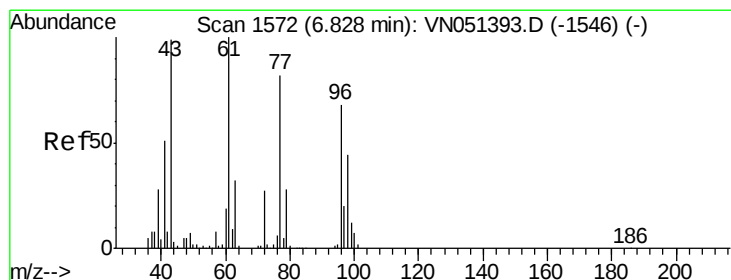
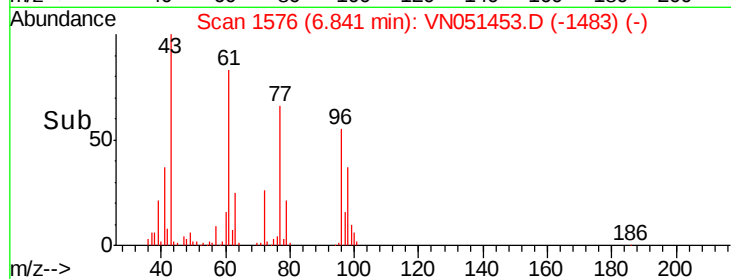
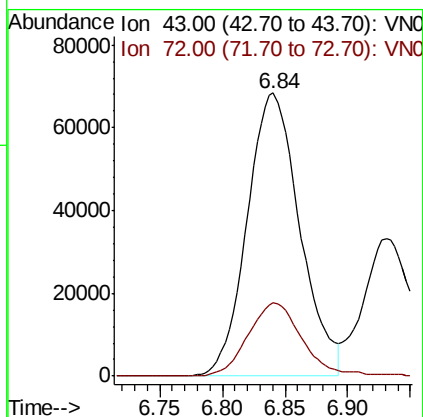
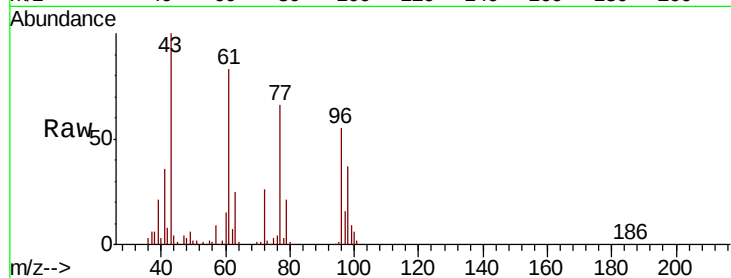




#25
2-Butanone
Concen: 91.642 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VN051453.D
Acq: 24 Sep 2018 11:52

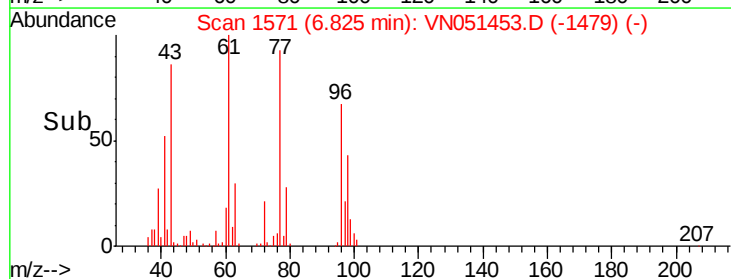
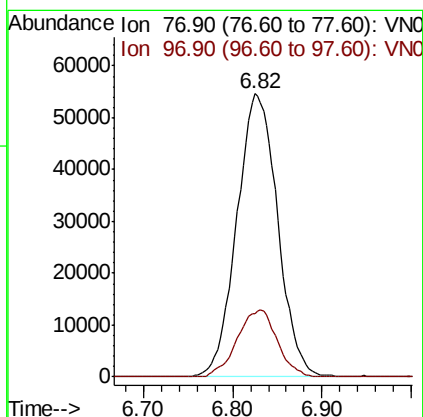
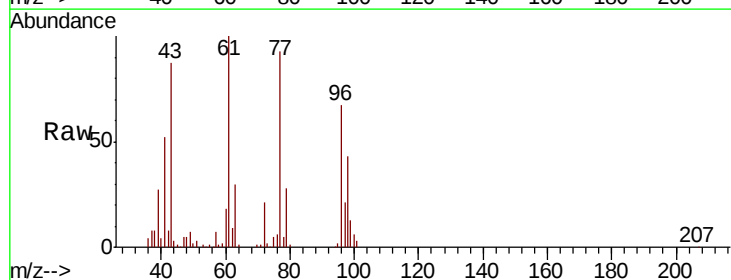
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

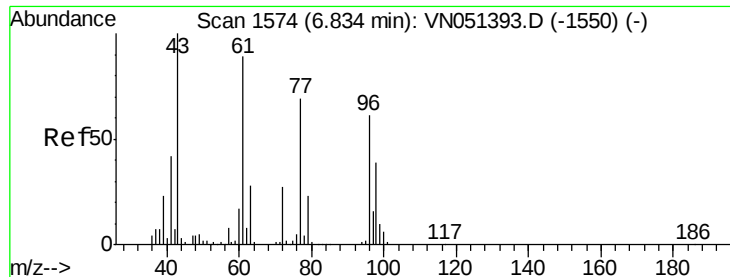
Tot Ion: 43 Resp: 200003
Ion Ratio Lower Upper
43 100
72 25.9 21.8 32.6



#26
2,2-Dichloropropane
Concen: 20.232 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN051453.D
Acq: 24 Sep 2018 11:52

Tgt Ion: 77 Resp: 173070
Ion Ratio Lower Upper
77 100
97 23.3 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 18.881 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD01

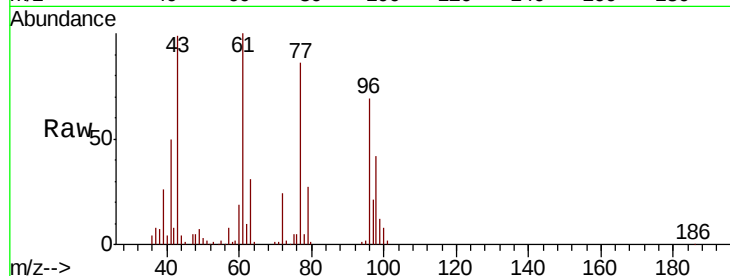
Tot Ion: 96 Resp: 120022

Ion Ratio Lower Upper

96 100

61 154.8 0.0 291.4

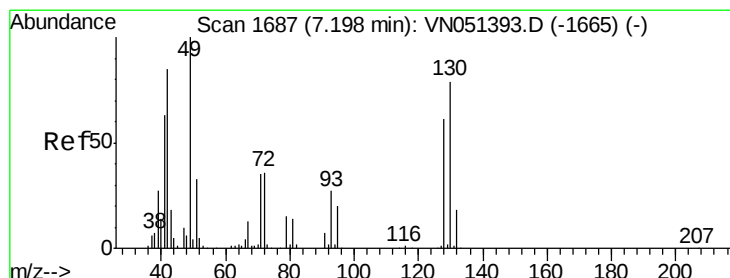
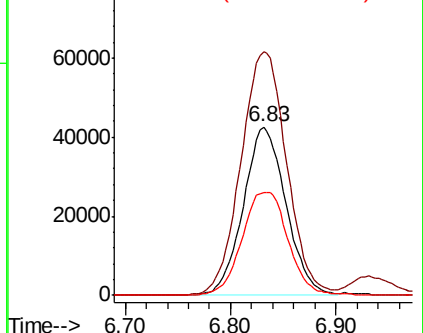
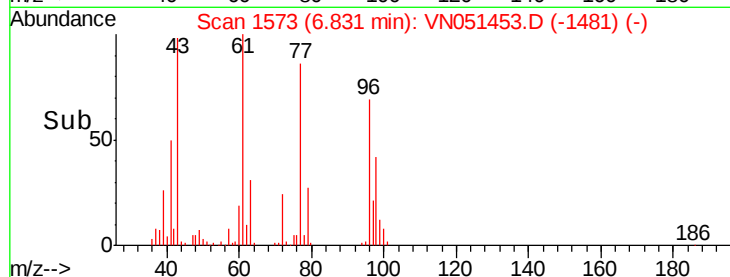
98 66.1 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 18.479 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

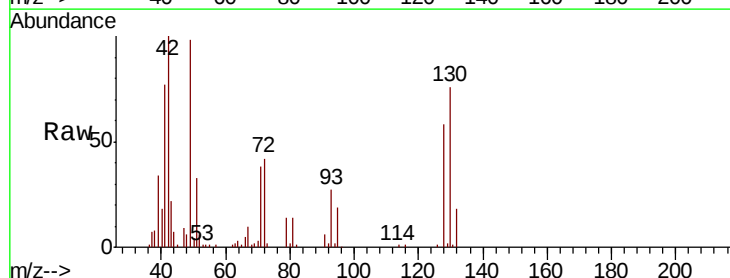
Tgt Ion: 49 Resp: 93514

Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

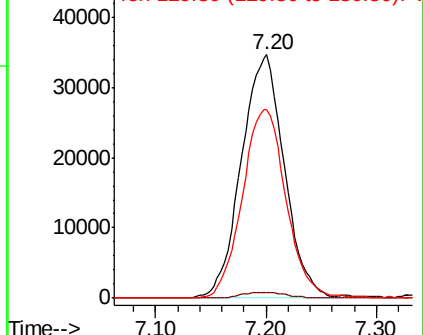
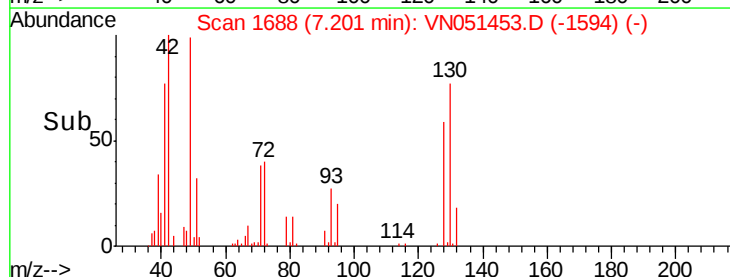
130 78.7 63.0 94.4

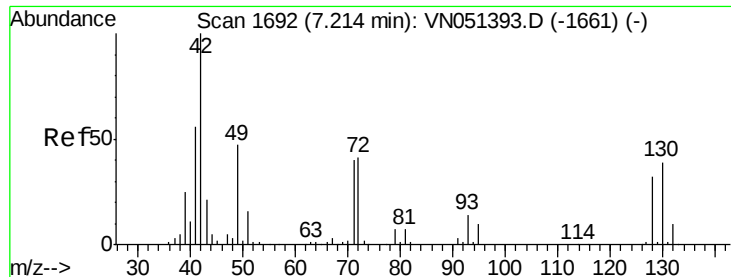


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

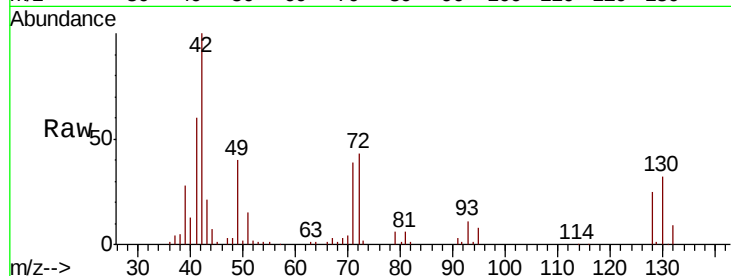




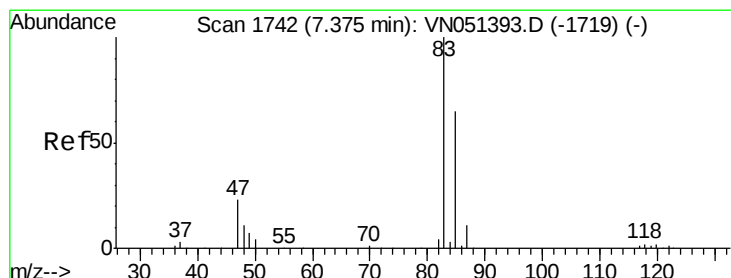
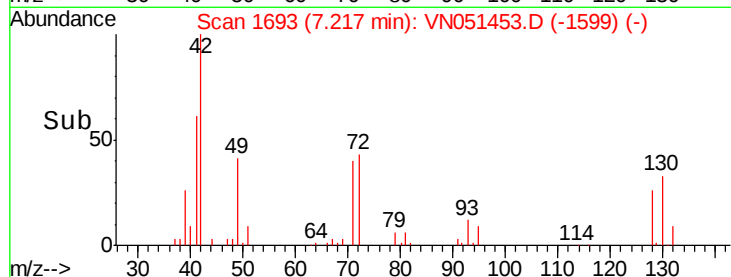
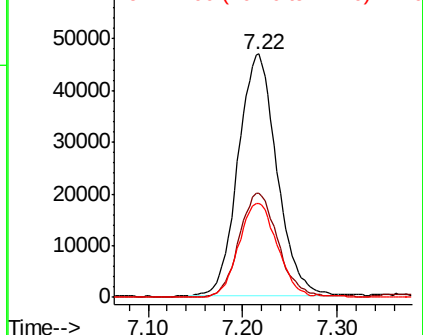
#29
Tetrahydrofuran
Concen: 96.480 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN051453.D
Acq: 24 Sep 2018 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

Tot Ion: 42 Resp: 133435
Ion Ratio Lower Upper
42 100
72 43.2 34.3 51.5
71 38.6 32.2 48.4

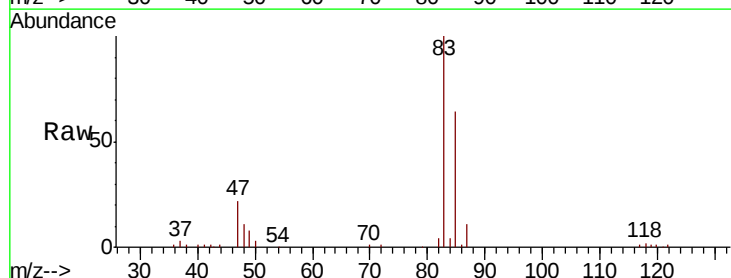


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

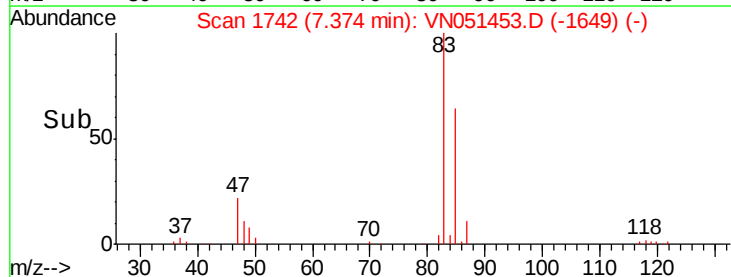
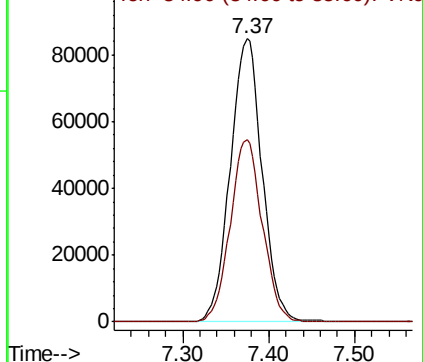


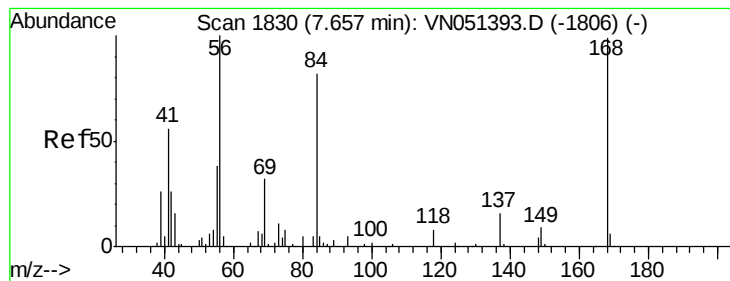
#30
Chloroform
Concen: 20.100 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051453.D
Acq: 24 Sep 2018 11:52

Tgt Ion: 83 Resp: 218257
Ion Ratio Lower Upper
83 100
85 64.3 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.669 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD01

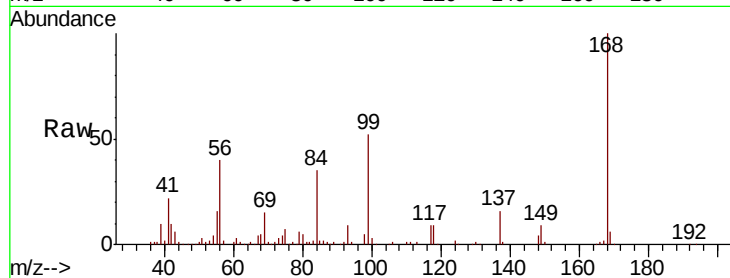
Tot Ion: 56 Resp: 187442

Ion Ratio Lower Upper

56 100

69 38.2 25.8 38.6

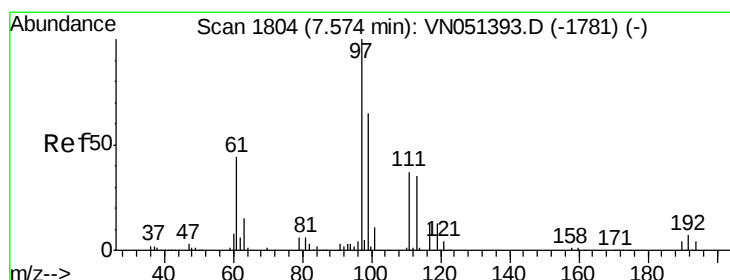
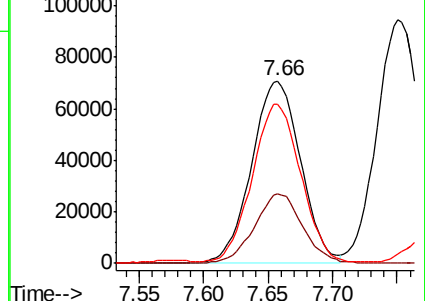
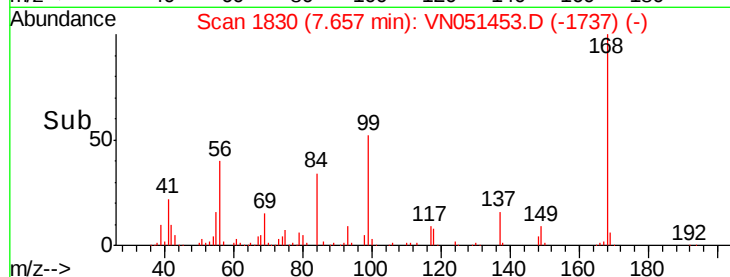
84 86.3 66.0 99.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 20.241 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

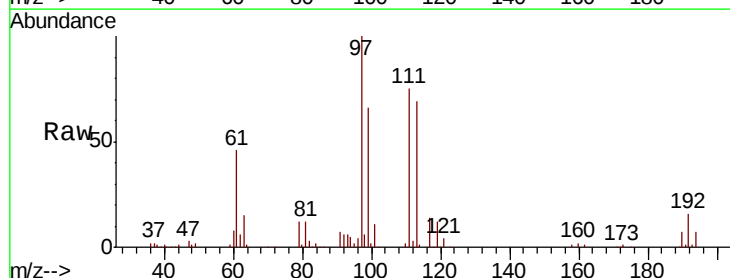
Tgt Ion: 97 Resp: 187899

Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.0

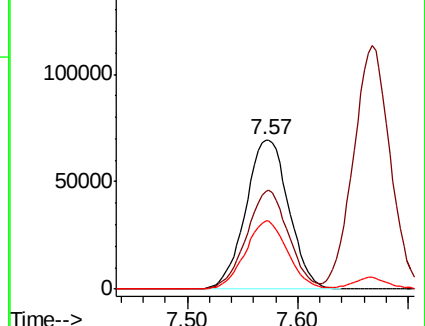
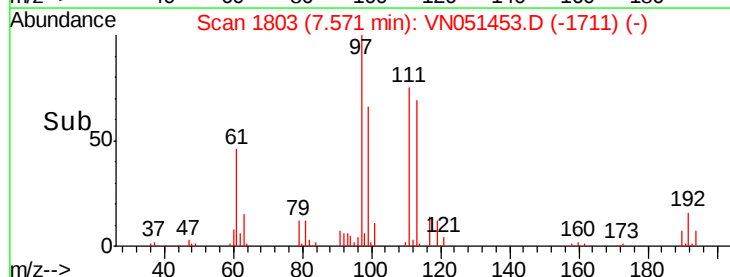
61 45.0 35.8 53.8

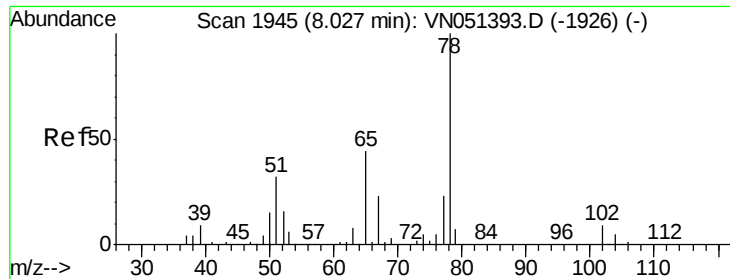


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

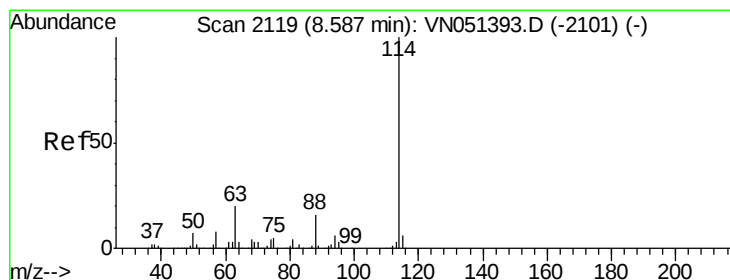
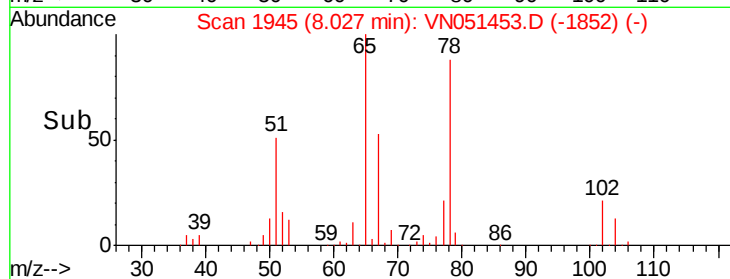
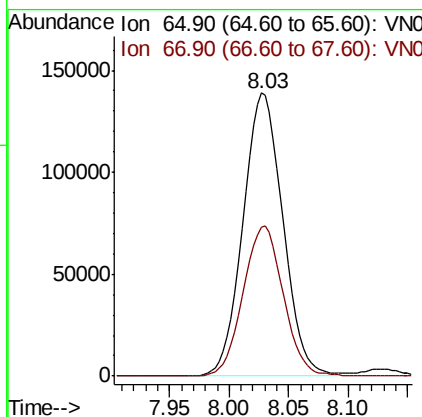
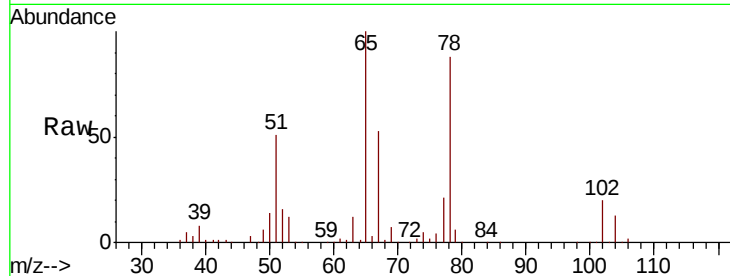




#33
 1,2-Dichloroethane-d4
 Concen: 50.680 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051453.D
 Acq: 24 Sep 2018 11:52

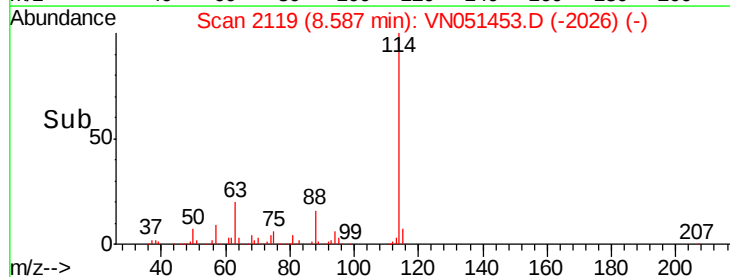
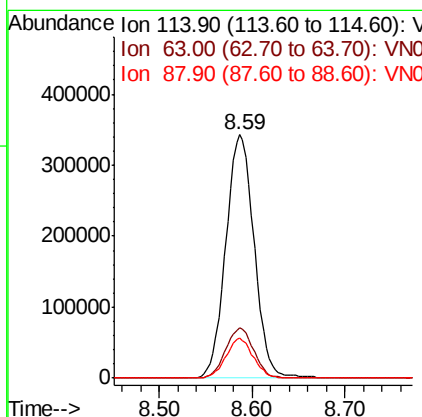
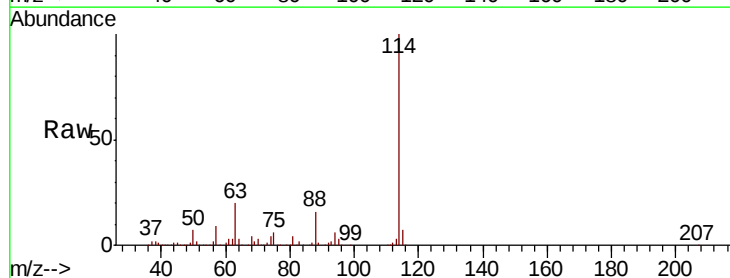
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD01

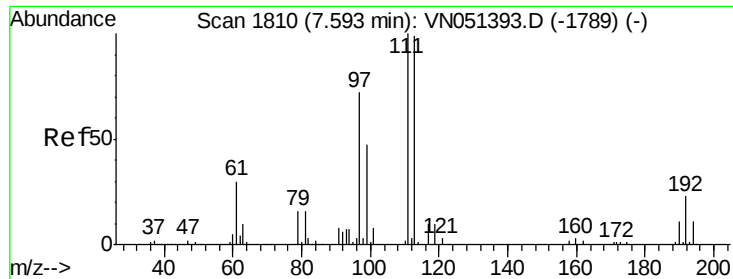
Tot Ion: 65 Resp: 323149
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051453.D
 Acq: 24 Sep 2018 11:52

Tgt Ion: 114 Resp: 727631
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.2
 88 16.3 0.0 31.4

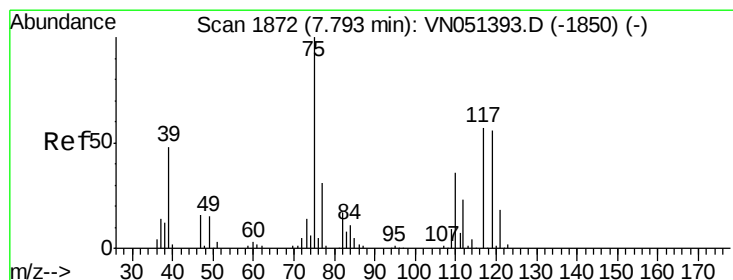
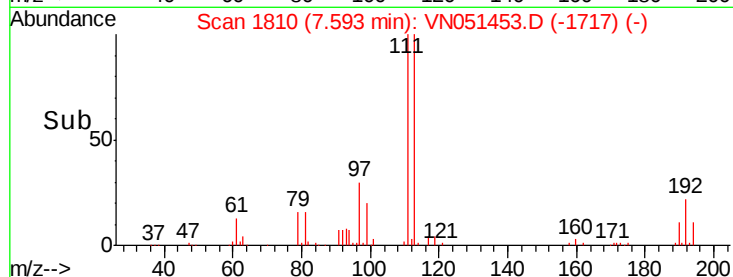
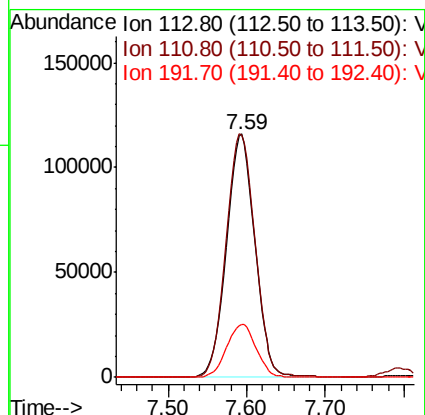
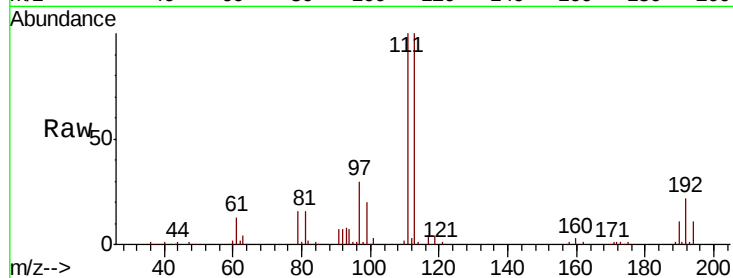




#35
 Dibromofluoromethane
 Concen: 49.737 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051453.D
 Acq: 24 Sep 2018 11:52

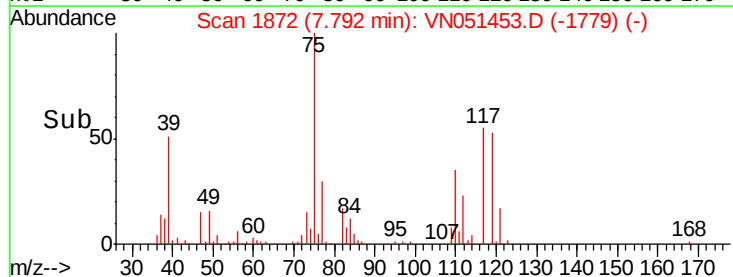
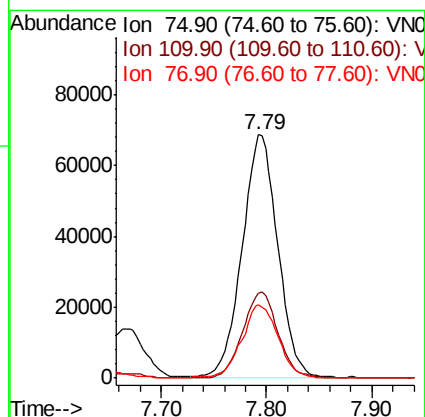
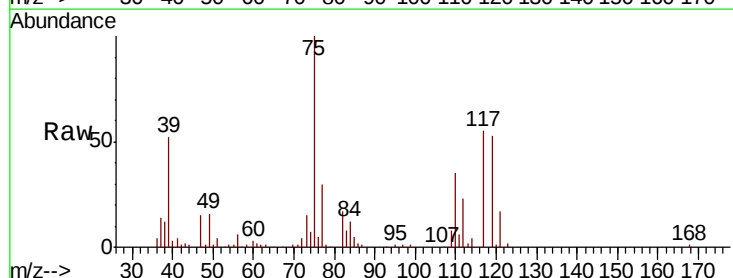
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD01

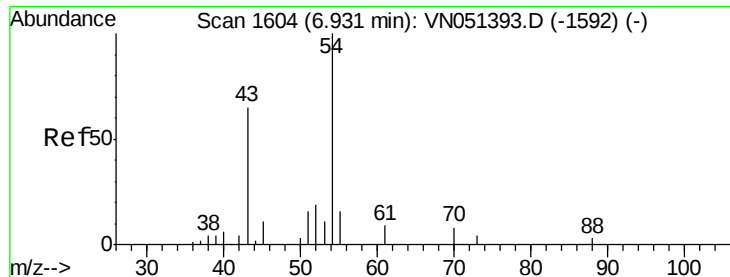
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	123.8
192	22.8	18.0	27.0



#36
 1,1-Dichloropropene
 Concen: 19.085 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051453.D
 Acq: 24 Sep 2018 11:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.2	18.1	54.3
77	30.7	25.6	38.4

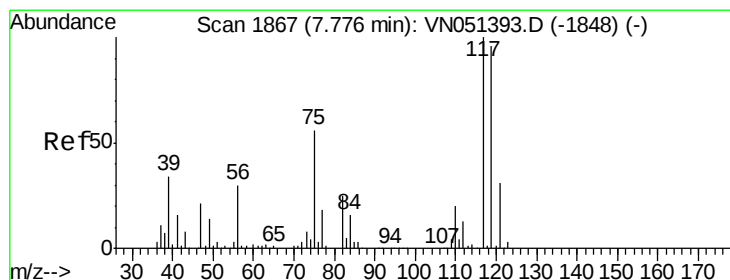
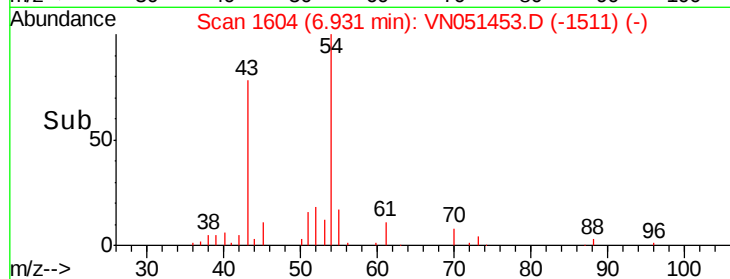
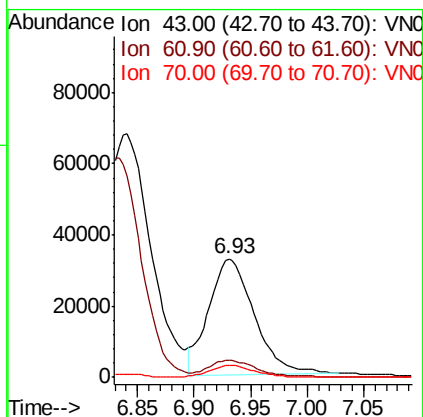
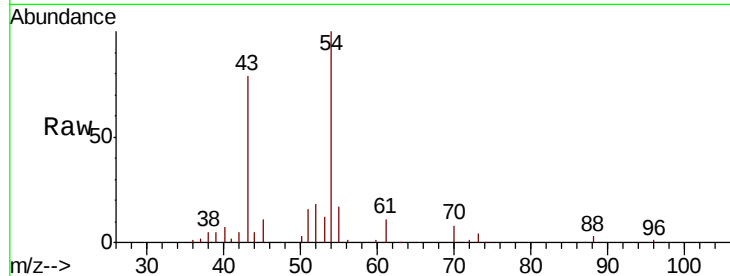




#37
Ethyl Acetate
Concen: 18.931 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN051453.D
Acq: 24 Sep 2018 11:52

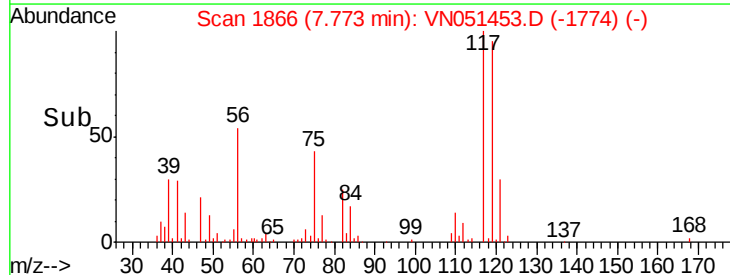
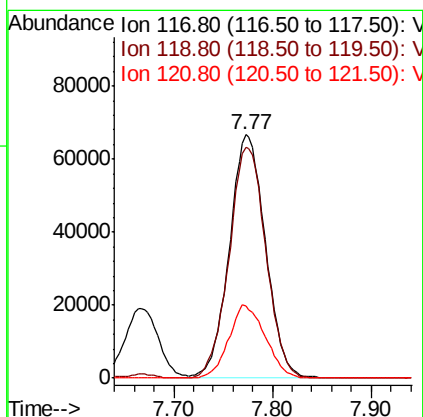
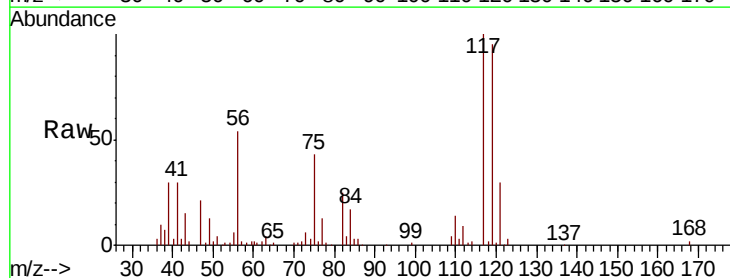
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

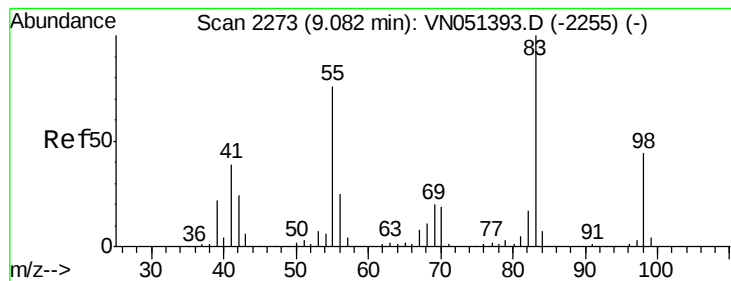
Tot Ion: 43 Resp: 91717
Ion Ratio Lower Upper
43 100
61 13.5 11.5 17.3
70 10.2 7.9 11.9



#38
Carbon Tetrachloride
Concen: 19.278 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051453.D
Acq: 24 Sep 2018 11:52

Tgt Ion: 117 Resp: 169900
Ion Ratio Lower Upper
117 100
119 94.8 76.9 115.3
121 29.5 24.6 37.0

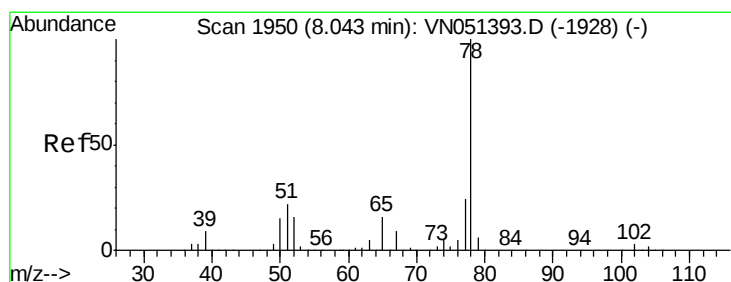
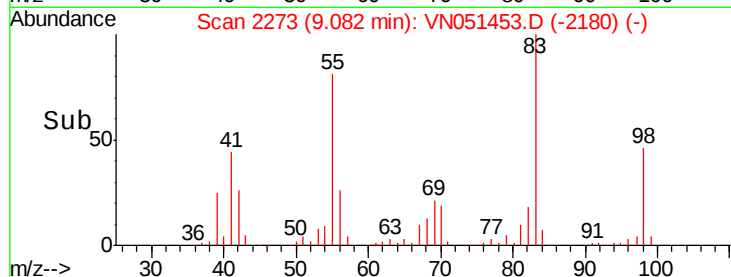
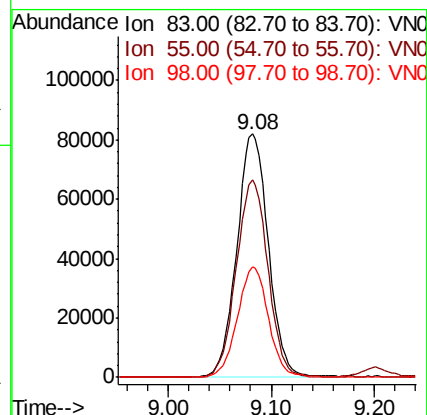
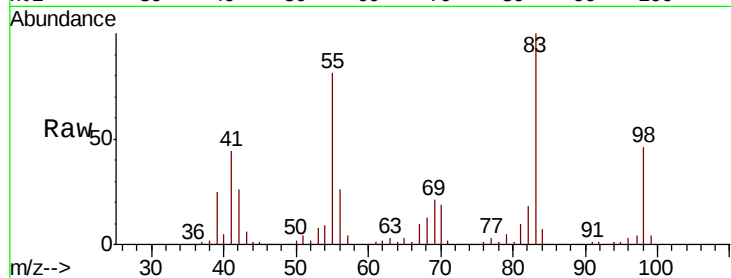




#39
Methvlcvclohexane
Concen: 17.769 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051453.D
Acq: 24 Sep 2018 11:52

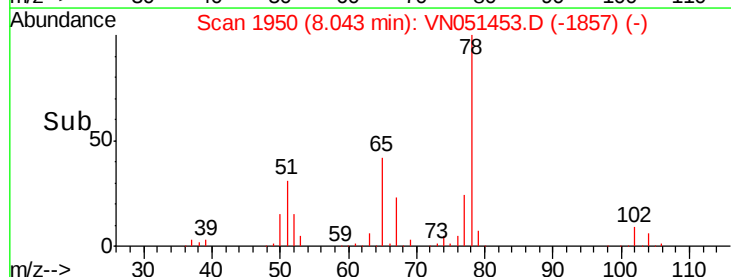
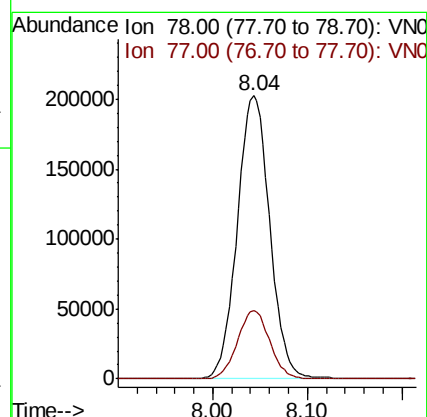
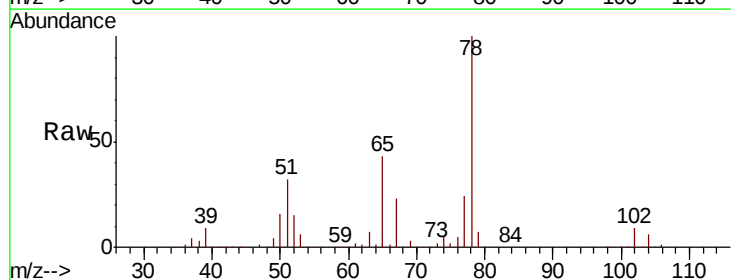
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

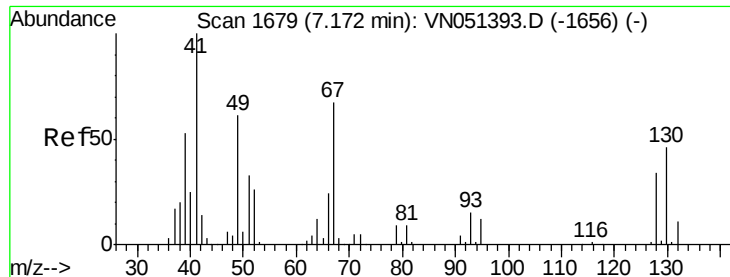
Tot Ion	Ratio	Lower	Upper
83	100		
55	81.0	61.0	91.4
98	45.6	35.6	53.4



#40
Benzene
Concen: 19.538 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051453.D
Acq: 24 Sep 2018 11:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.2	28.8

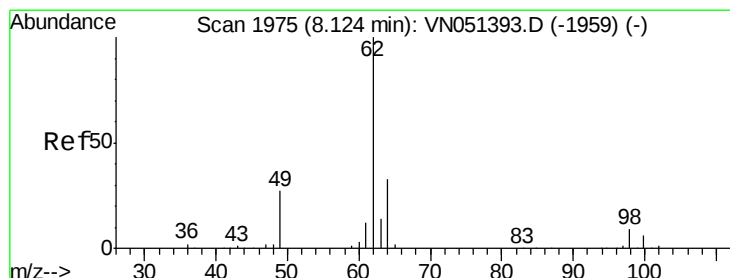
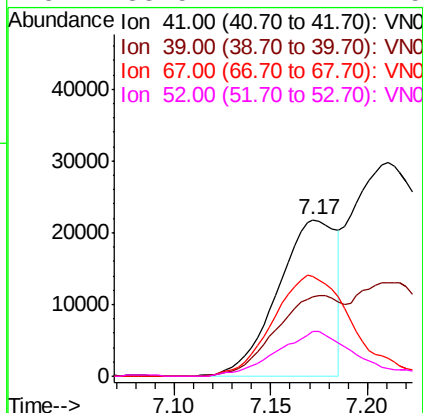
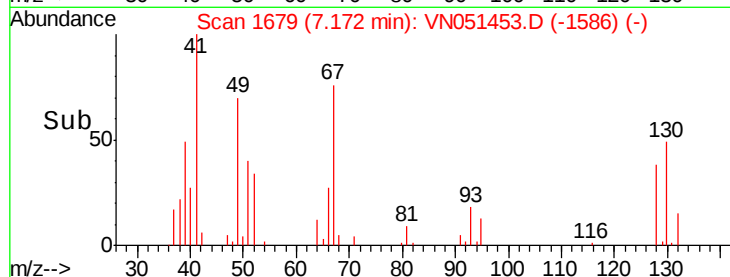
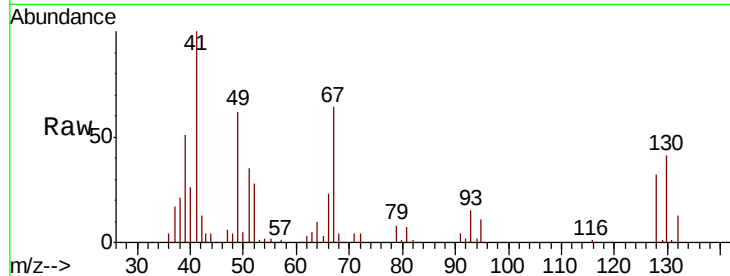




#41
Methacrylonitrile
Concen: 17.231 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN051453.D
Acq: 24 Sep 2018 11:52

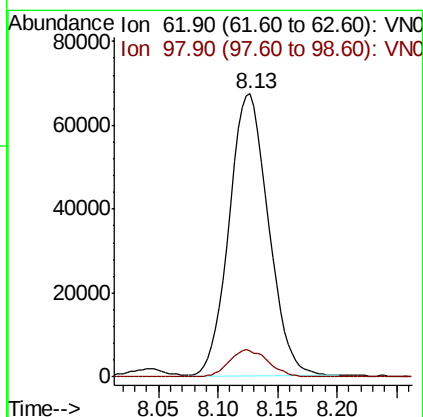
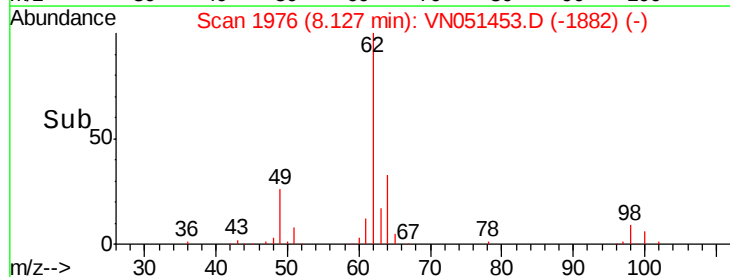
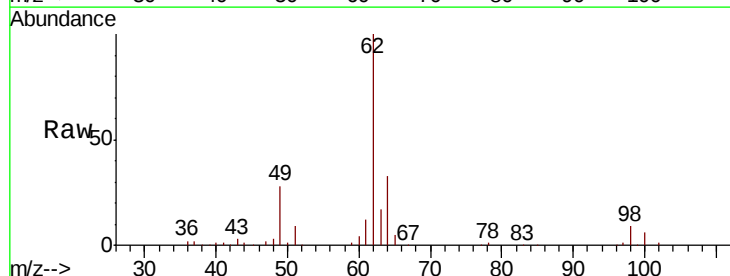
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

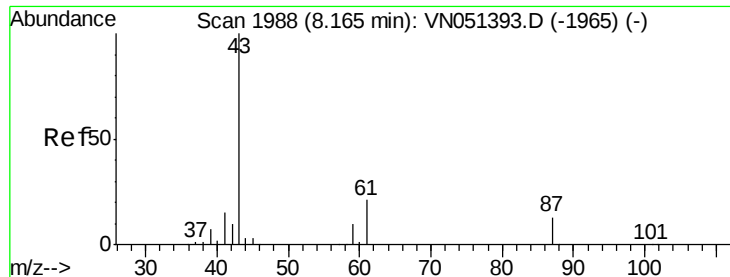
Tot Ion: 41 Resp: 46184
Ion Ratio Lower Upper
41 100
39 57.6 51.4 77.2
67 87.1 66.8 100.2
52 38.5 27.7 41.5



#42
1,2-Dichloroethane
Concen: 19.433 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051453.D
Acq: 24 Sep 2018 11:52

Tgt Ion: 62 Resp: 153947
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.6





#43

Isopropyl Acetate

Concen: 19.036 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD01

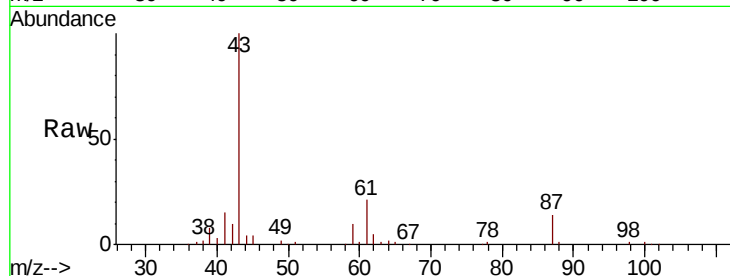
Tot Ion: 43 Resp: 166769

Ion Ratio Lower Upper

43 100

61 21.0 16.8 25.2

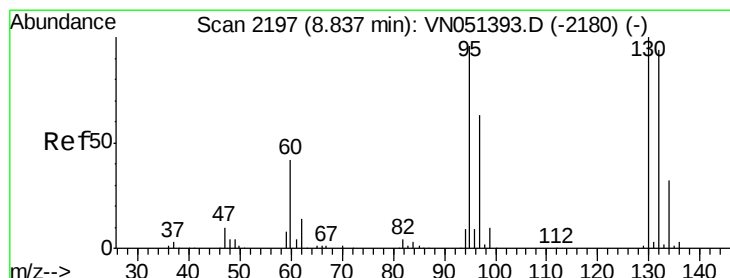
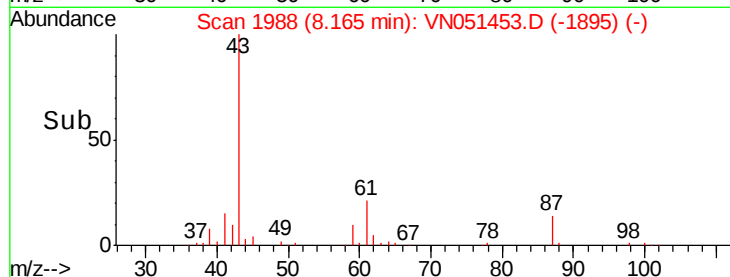
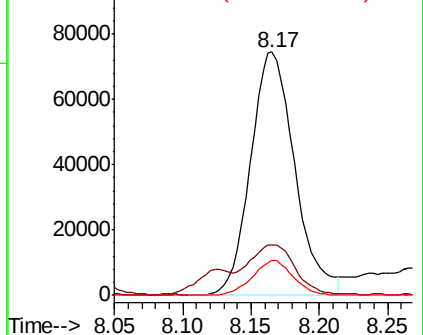
87 13.3 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VN051453.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN051453.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN051453.D (-1965) (-)



#44

Trichloroethene

Concen: 19.022 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN051453.D

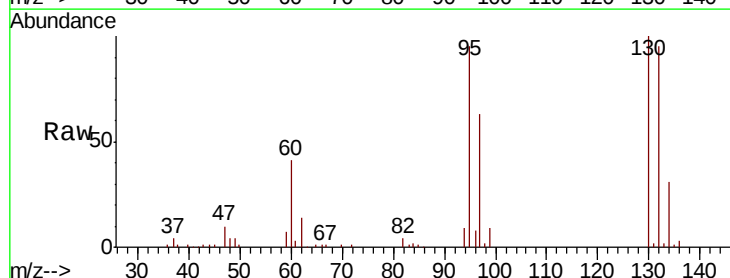
Acq: 24 Sep 2018 11:52

Tgt Ion:130 Resp: 125002

Ion Ratio Lower Upper

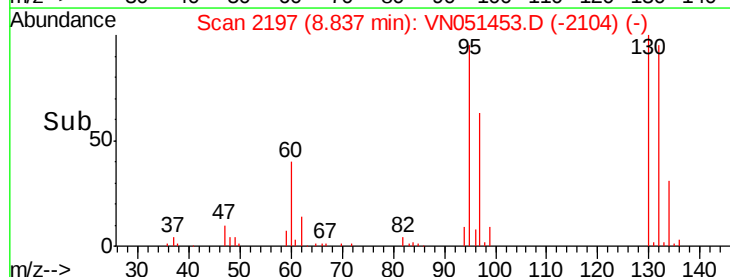
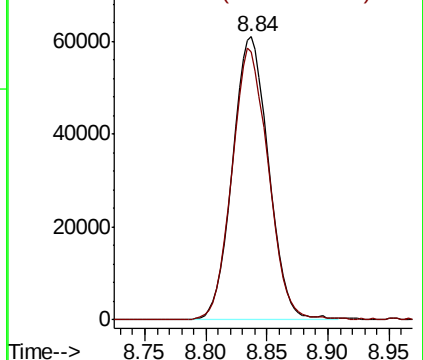
130 100

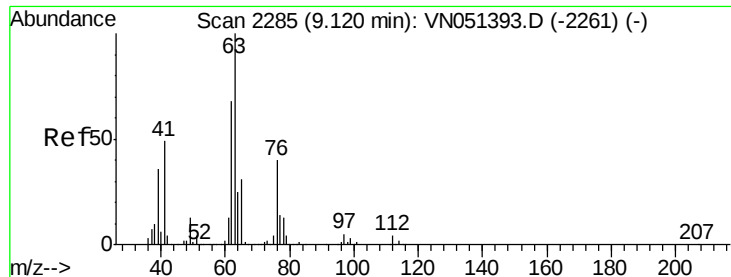
95 94.8 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): VN051453.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN051453.D (-2180) (-)

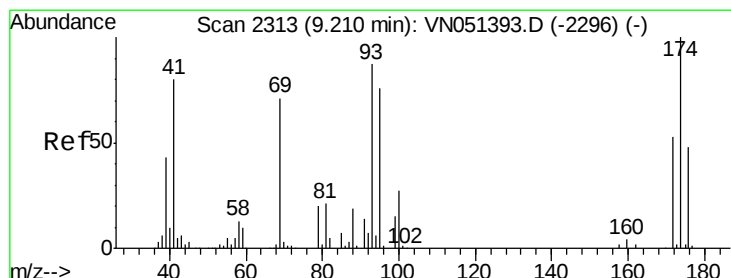
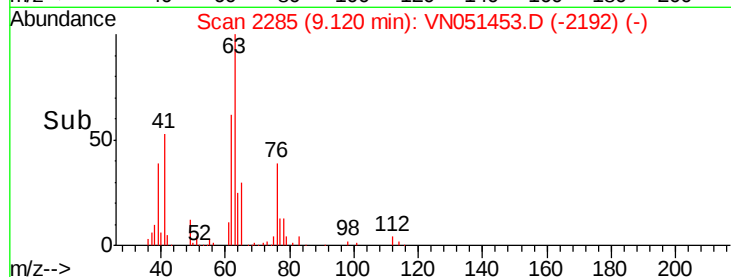
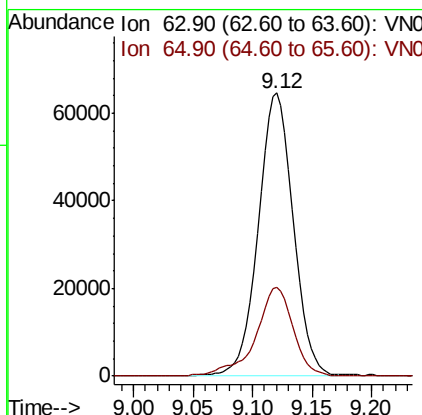
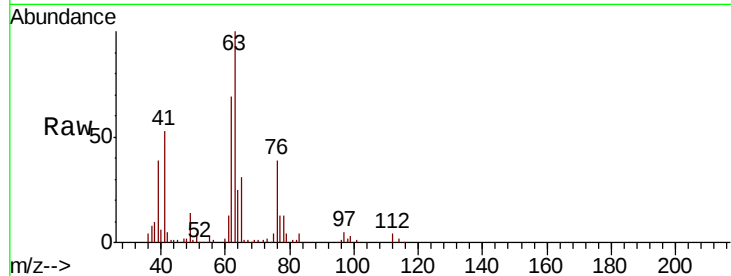




#45
 1,2-Dichloropropane
 Concen: 19.553 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN051453.D
 Acq: 24 Sep 2018 11:52

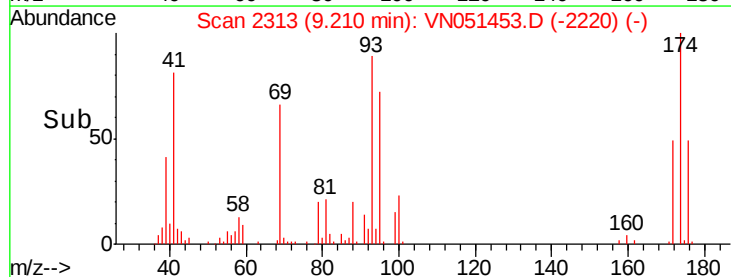
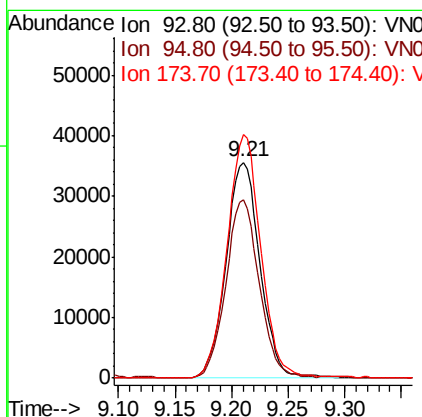
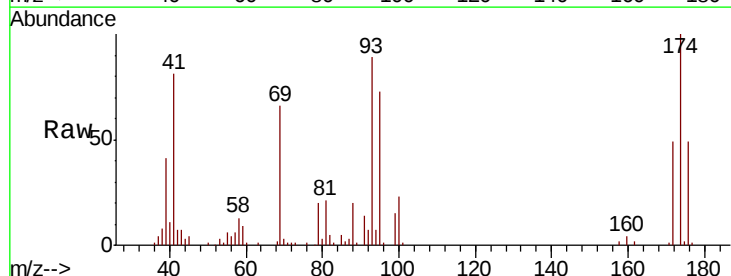
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD01

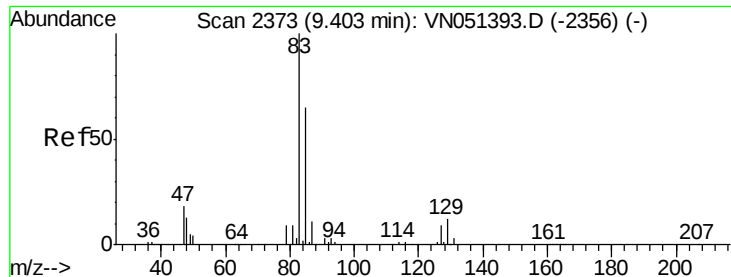
Tot Ion: 63 Resp: 131501
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.9 37.3



#46
 Dibromomethane
 Concen: 19.612 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: VN051453.D
 Acq: 24 Sep 2018 11:52

Tgt Ion: 93 Resp: 74525
 Ion Ratio Lower Upper
 93 100
 95 80.9 67.6 101.4
 174 111.9 89.6 134.4





#47

Bromodichloromethane

Concen: 19.659 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD01

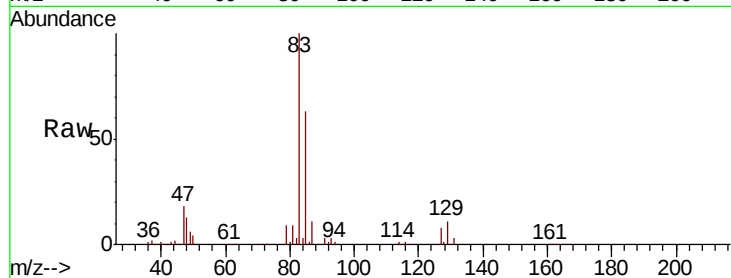
Tot Ion: 83 Resp: 165314

Ion Ratio Lower Upper

83 100

85 63.5 51.8 77.6

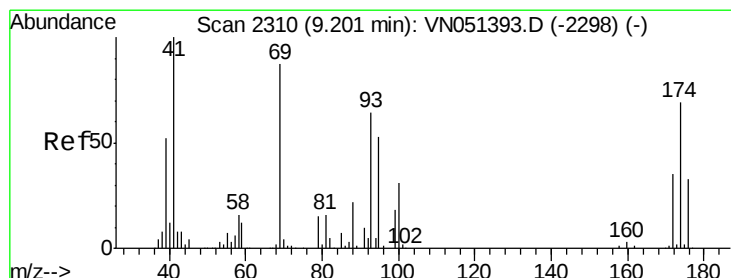
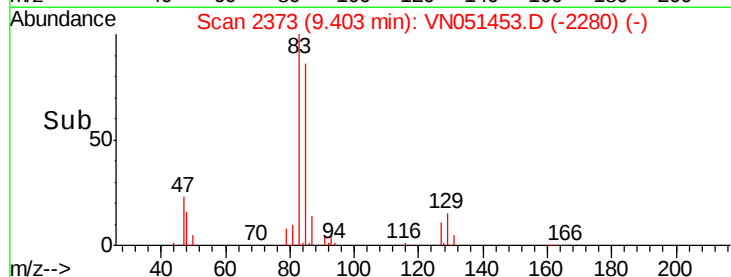
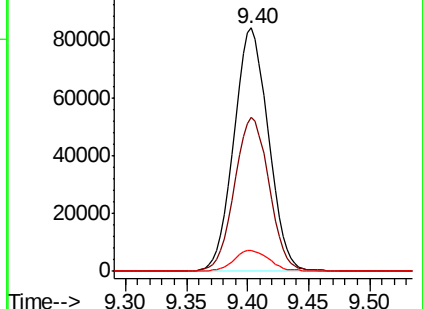
127 8.4 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VN051453.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN051453.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN051453.D (-2280) (-)



#48

Methyl methacrylate

Concen: 18.424 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

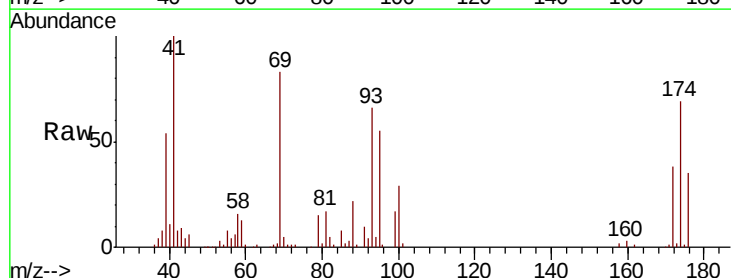
Tgt Ion: 41 Resp: 80469

Ion Ratio Lower Upper

41 100

69 87.1 70.4 105.6

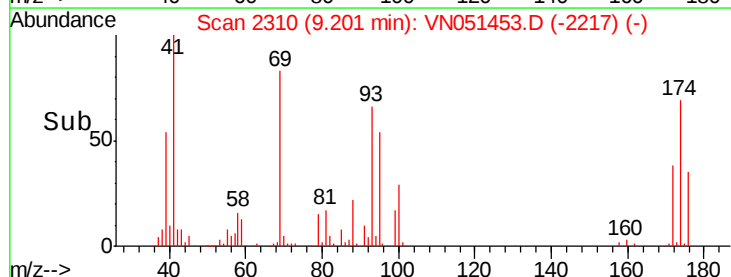
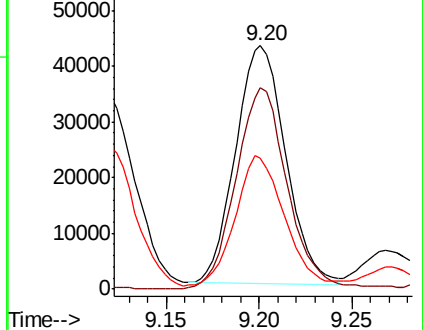
39 55.4 43.8 65.8

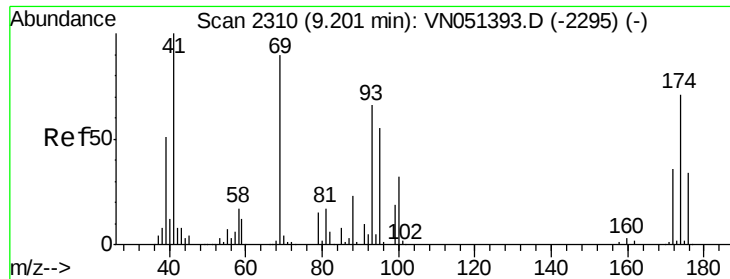


Abundance Ion 41.00 (40.70 to 41.70): VN051453.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN051453.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN051453.D (-2217) (-)





#49

1,4-Dioxane

Concen: 383.403 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

Instrument :

MSVOA_N

ClientSampled :

VN0924WBSD01

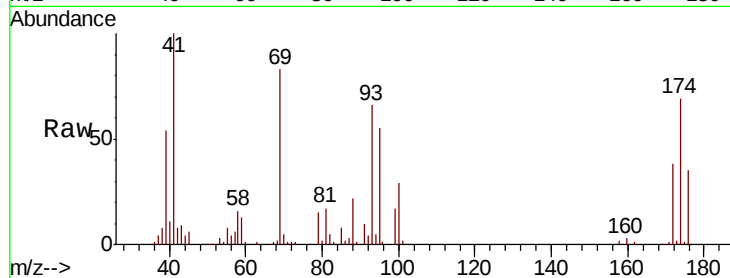
Tot Ion: 88 Resp: 20523

Ion Ratio Lower Upper

88 100

43 34.4 25.9 38.9

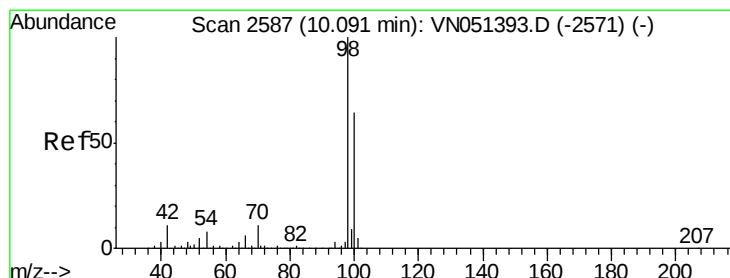
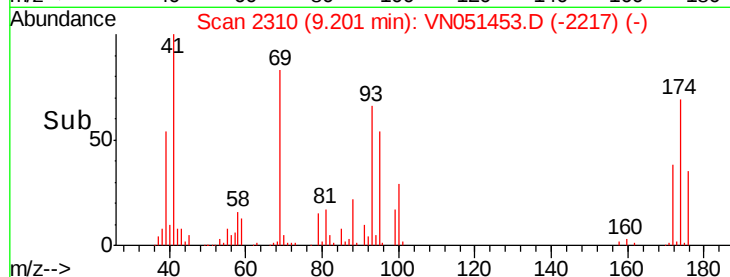
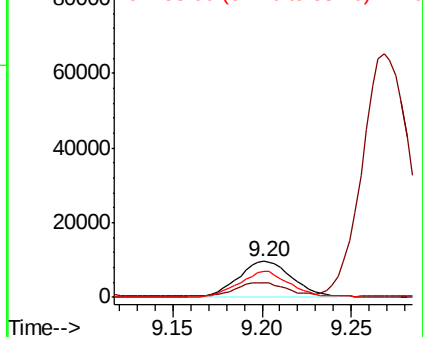
58 68.9 57.0 85.4



Abundance Ion 88.00 (87.70 to 88.70): VN051393.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN051393.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN051393.D (-2295) (-)



#50

Toluene-d8

Concen: 48.719 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051453.D

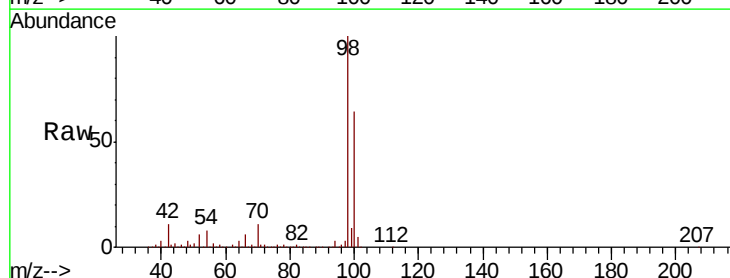
Acq: 24 Sep 2018 11:52

Tgt Ion: 98 Resp: 1067449

Ion Ratio Lower Upper

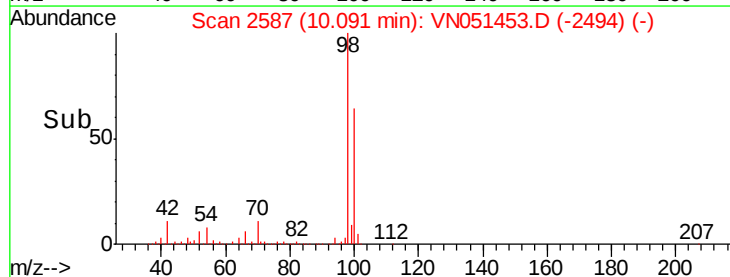
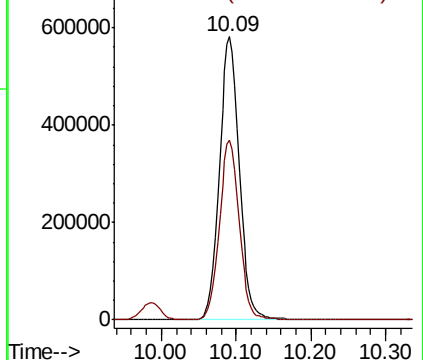
98 100

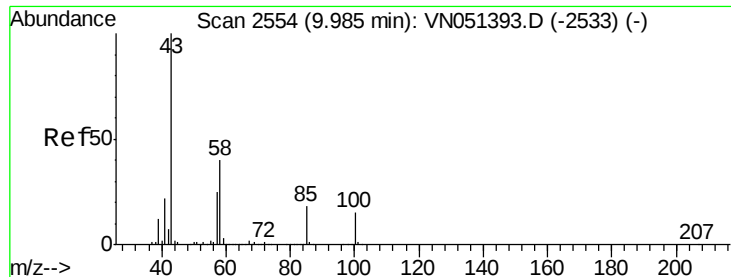
100 63.1 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN051393.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN051393.D (-2571) (-)





#51

4-Methyl-2-Pentanone

Concen: 94.392 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

Instrument :

MSVOA_N

ClientSampled :

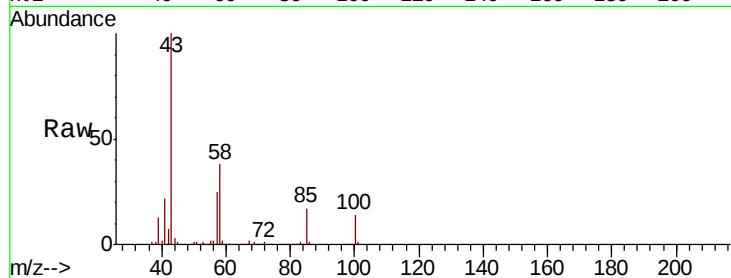
VN0924WBSD01

Tot Ion: 43 Resp: 454778

Ion Ratio Lower Upper

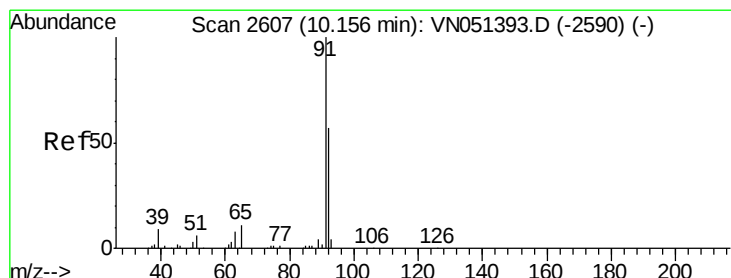
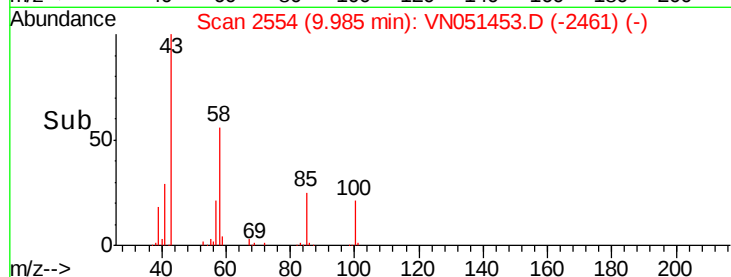
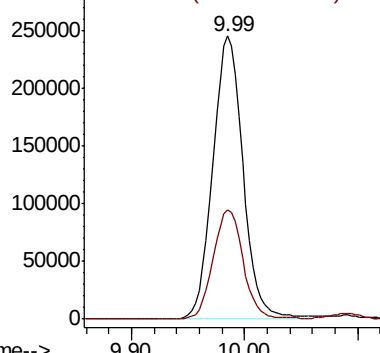
43 100

58 38.6 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.956 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051453.D

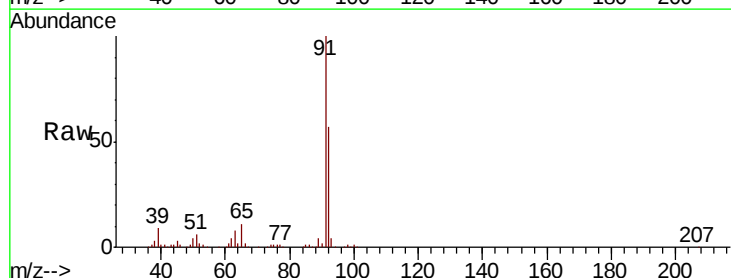
Acq: 24 Sep 2018 11:52

Tgt Ion: 92 Resp: 291452

Ion Ratio Lower Upper

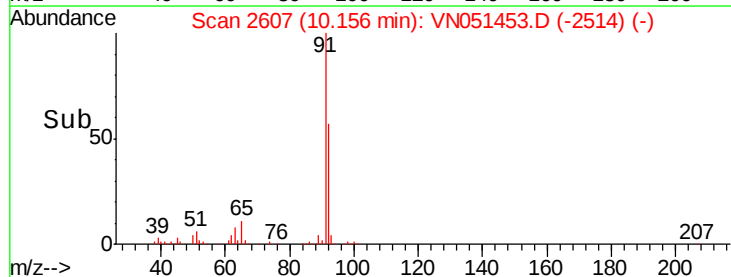
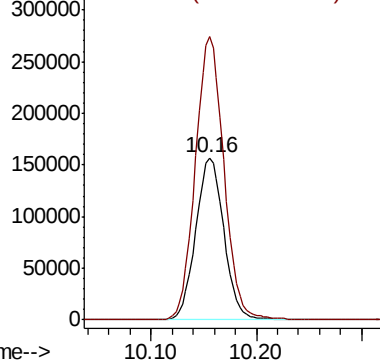
92 100

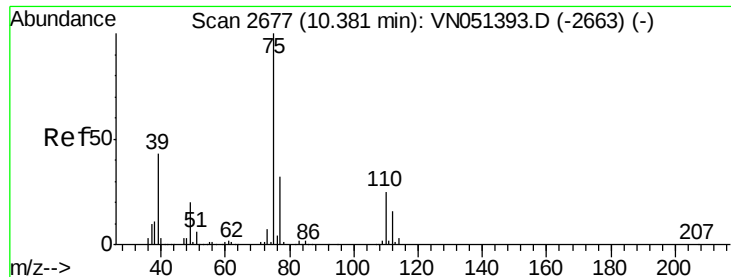
91 176.2 142.2 213.4



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: 18.402 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

Instrument :

MSVOA_N

ClientSampleId :

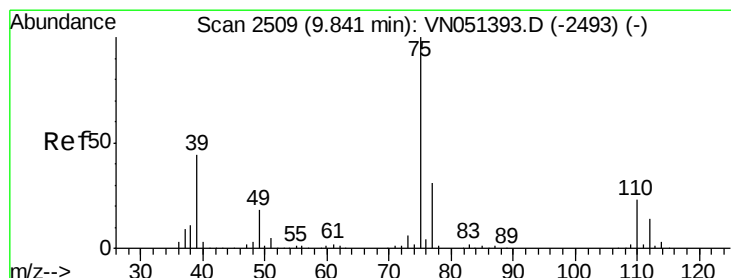
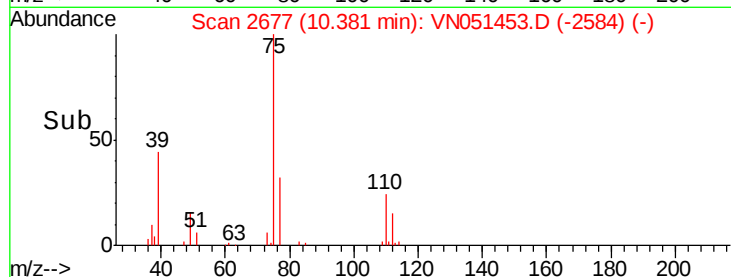
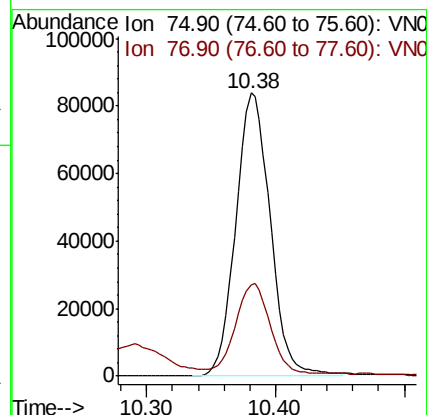
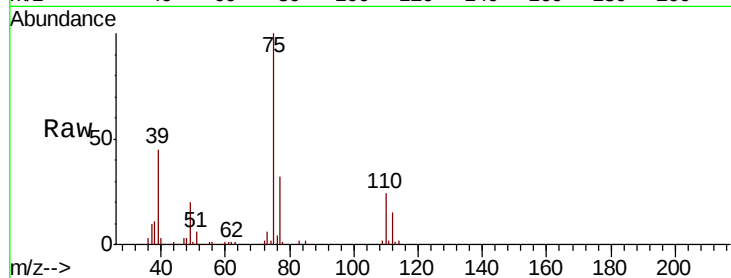
VN0924WBSD01

Tot Ion: 75 Resp: 156230

Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 18.956 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

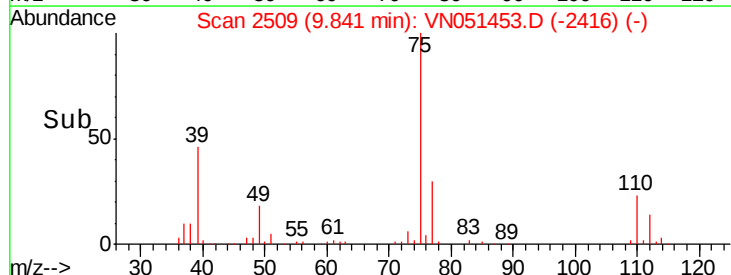
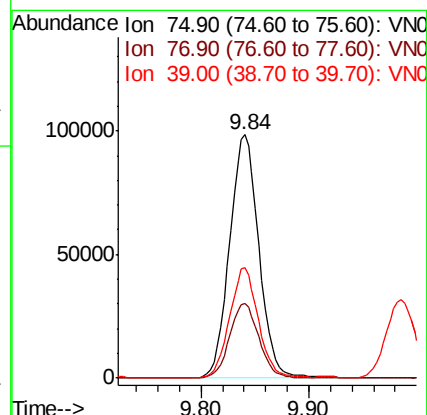
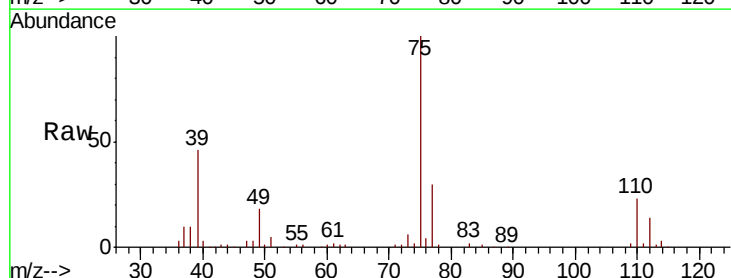
Tgt Ion: 75 Resp: 186630

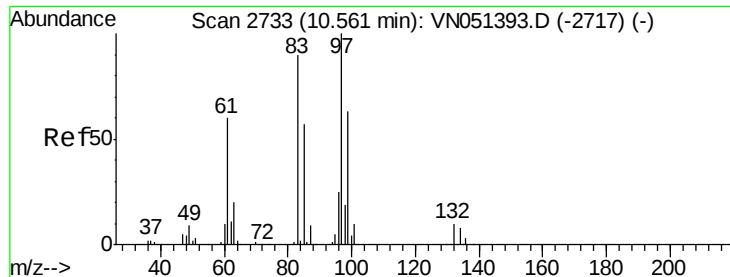
Ion Ratio Lower Upper

75 100

77 30.5 25.2 37.8

39 45.5 35.4 53.2

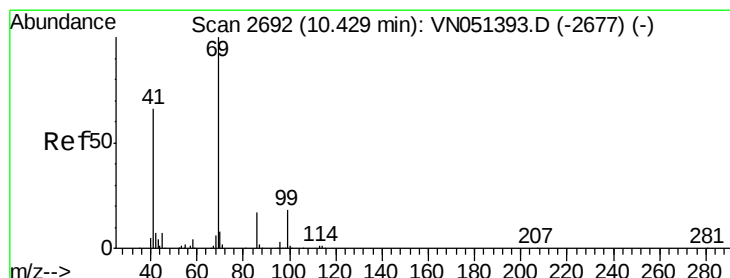
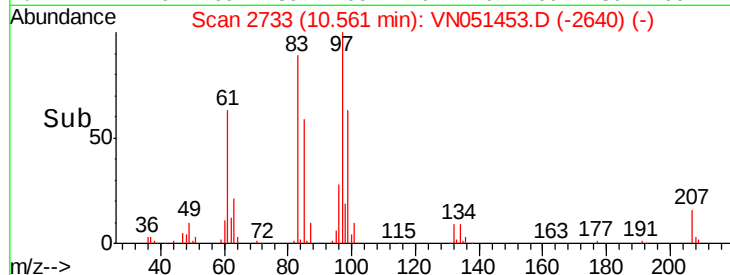
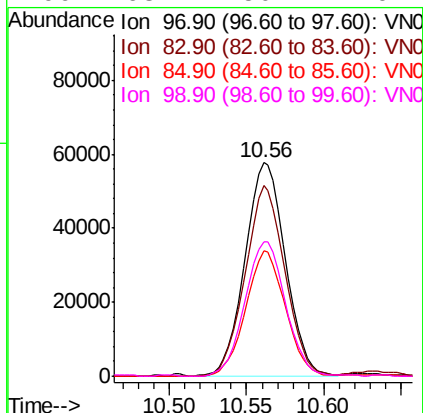
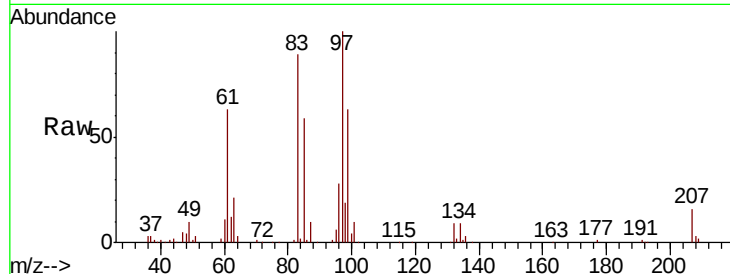




#55
 1,1,2-Trichloroethane
 Concen: 19.395 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN051453.D
 Acq: 24 Sep 2018 11:52

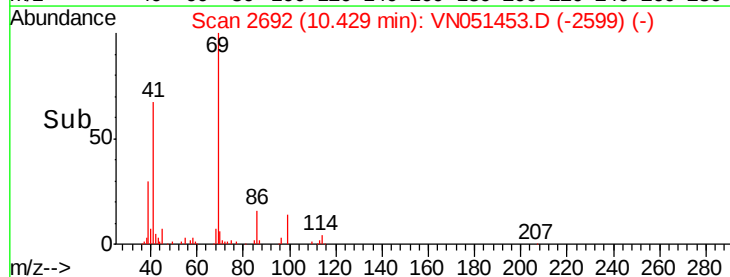
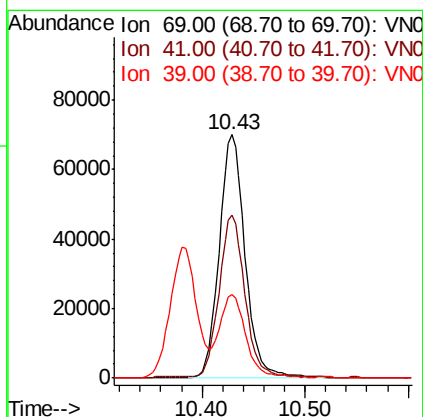
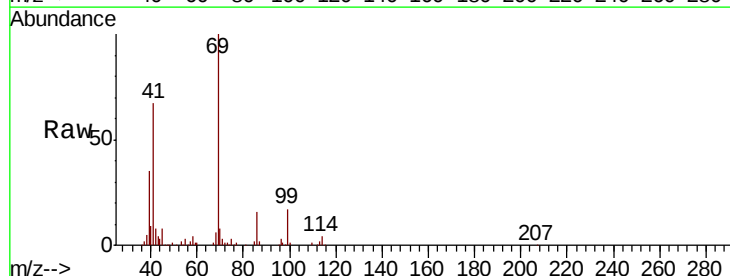
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD01

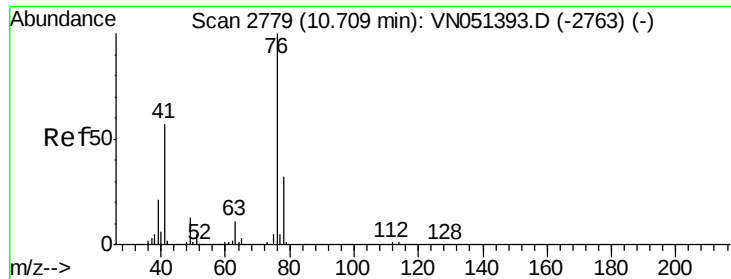
Tot Ion:	97	Resp:	105391
Ion	Ratio	Lower	Upper
97	100		
83	89.3	72.0	108.0
85	58.7	45.2	67.8
99	63.1	50.7	76.1



#56
 Ethyl methacrylate
 Concen: 18.390 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN051453.D
 Acq: 24 Sep 2018 11:52

Tgt Ion:	69	Resp:	122177
Ion	Ratio	Lower	Upper
69	100		
41	65.8	52.4	78.6
39	34.9	26.3	39.5





#57

1,3-Dichloropropane

Concen: 19.313 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

Instrument :

MSVOA_N

ClientSampled :

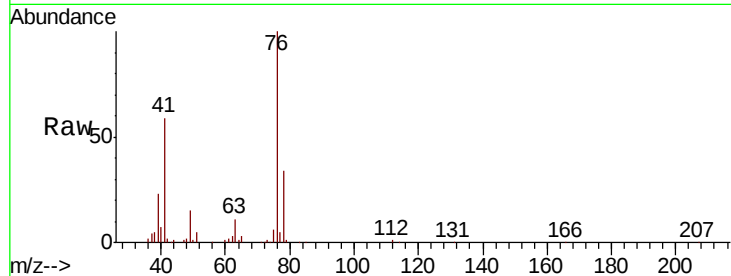
VN0924WBSD01

Tot Ion: 76 Resp: 179878

Ion Ratio Lower Upper

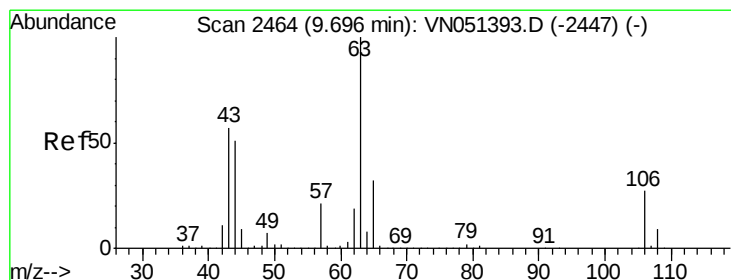
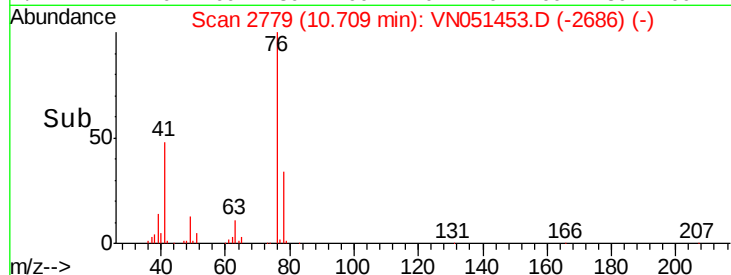
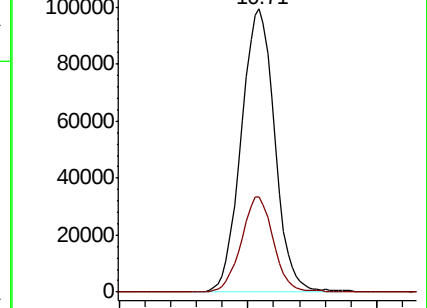
76 100

78 32.5 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 99.649 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051453.D

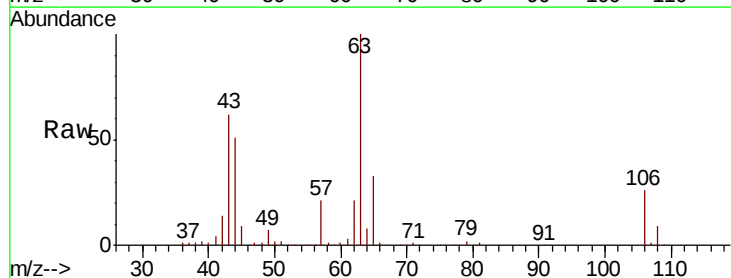
Acq: 24 Sep 2018 11:52

Tgt Ion: 63 Resp: 310331

Ion Ratio Lower Upper

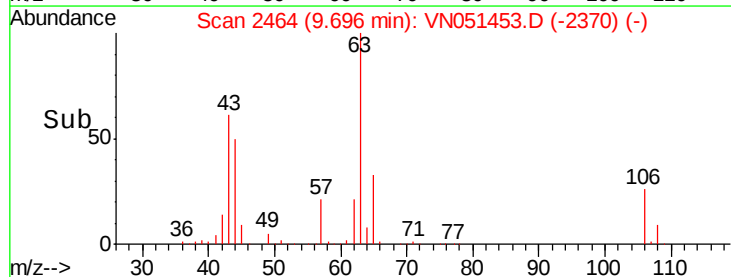
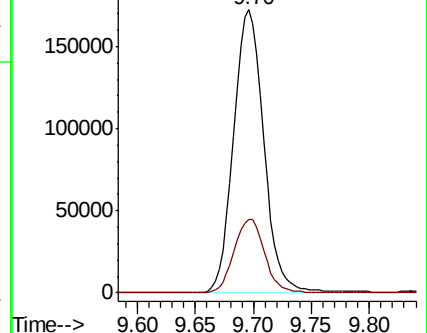
63 100

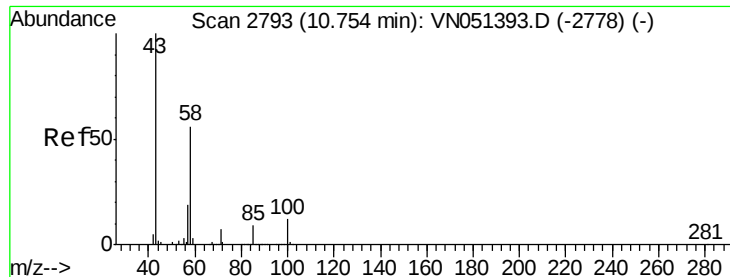
106 26.5 21.4 32.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

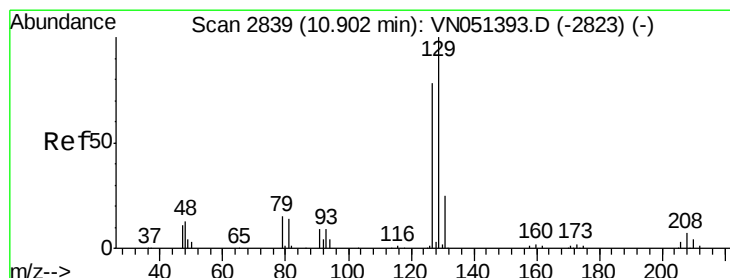
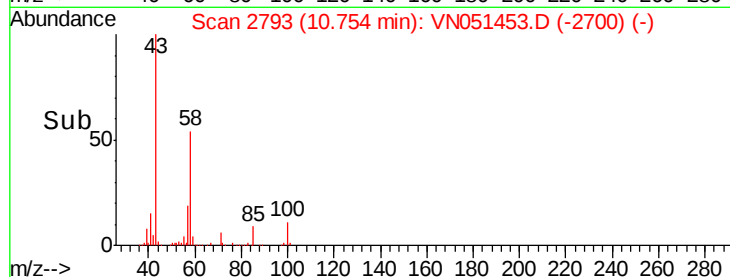
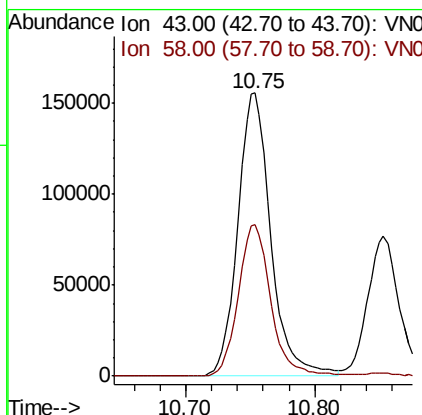
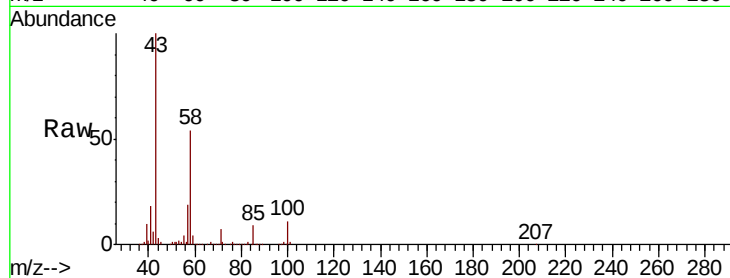




#59
2-Hexanone
Concen: 88.101 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN051453.D
Acq: 24 Sep 2018 11:52

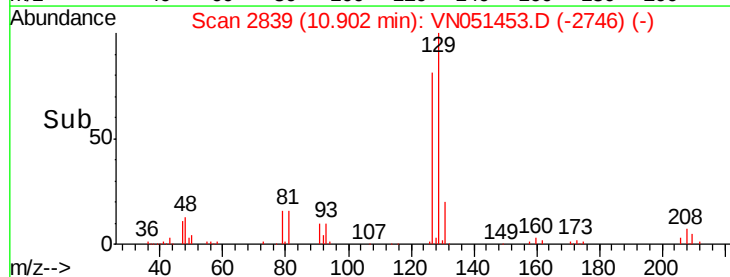
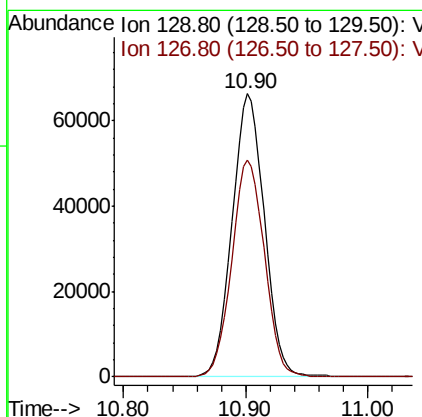
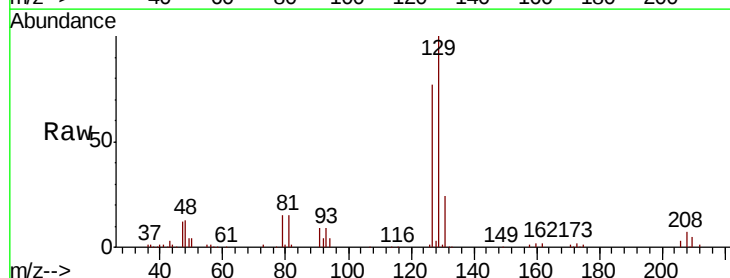
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

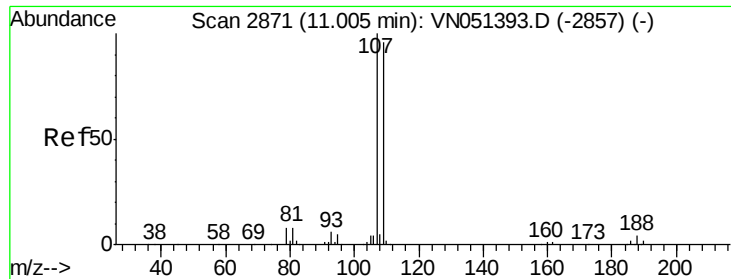
Tot Ion: 43 Resp: 275165
Ion Ratio Lower Upper
43 100
58 53.3 27.7 83.0



#60
Dibromochloromethane
Concen: 18.962 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051453.D
Acq: 24 Sep 2018 11:52

Tgt Ion: 129 Resp: 121572
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0

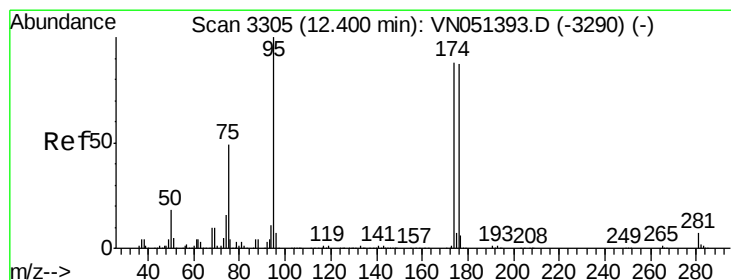
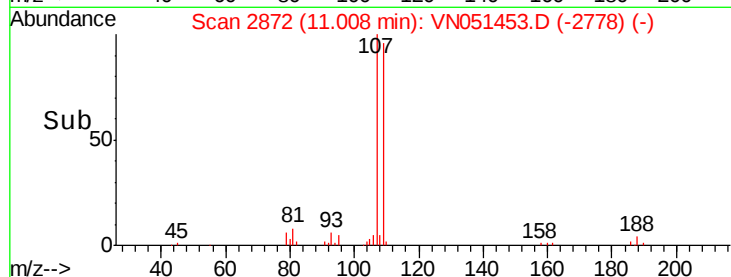
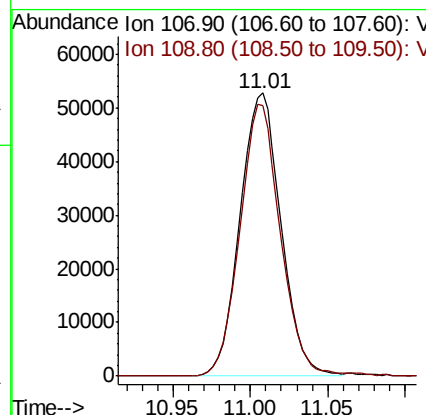
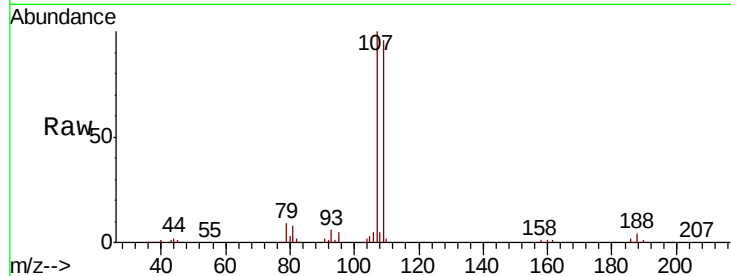




#61
 1,2-Dibromoethane
 Concen: 18.401 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN051453.D
 Acq: 24 Sep 2018 11:52

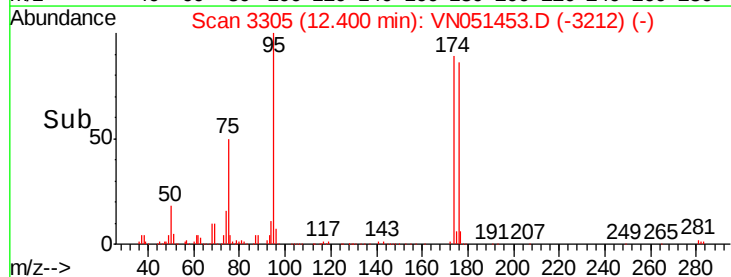
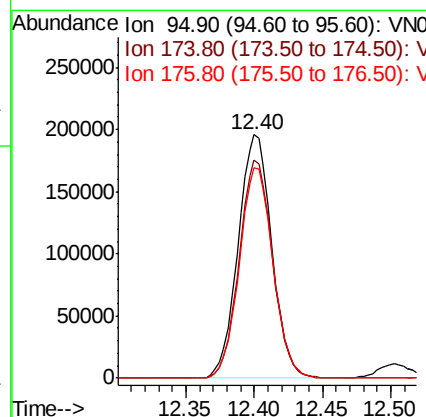
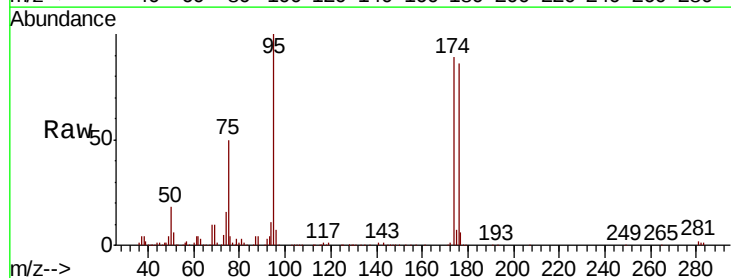
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD01

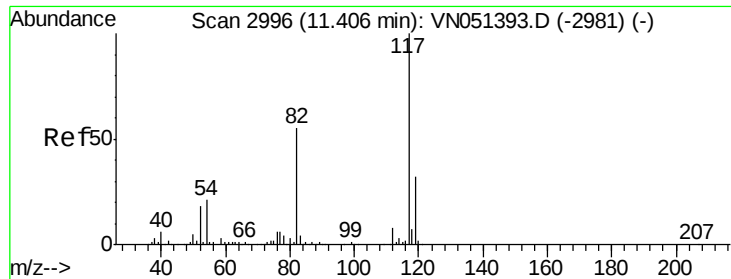
Tot Ion:107 Resp: 97069
 Ion Ratio Lower Upper
 107 100
 109 94.8 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 47.193 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN051453.D
 Acq: 24 Sep 2018 11:52

Tgt Ion: 95 Resp: 334506
 Ion Ratio Lower Upper
 95 100
 174 88.8 0.0 181.6
 176 86.5 0.0 176.4

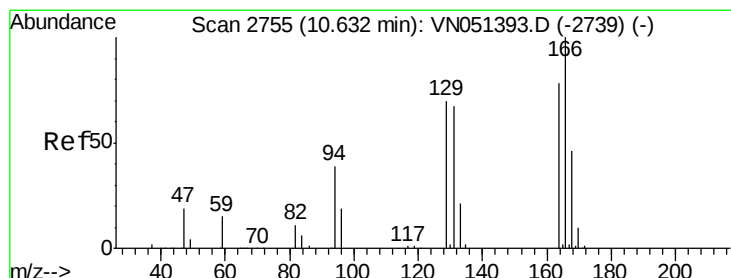
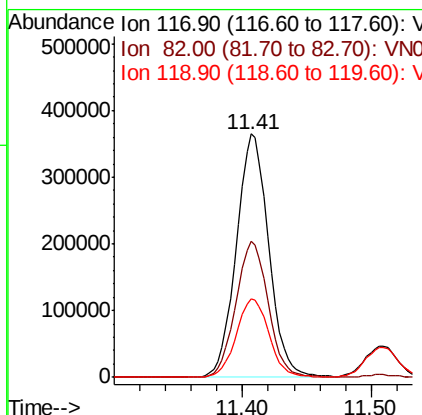
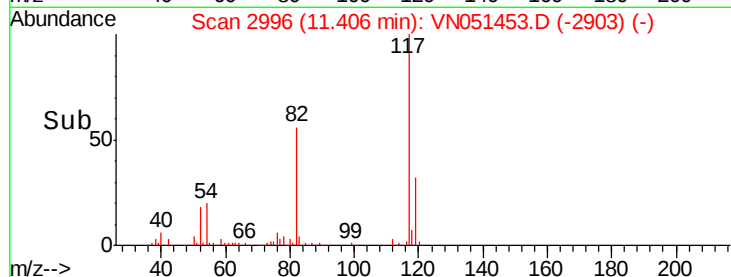
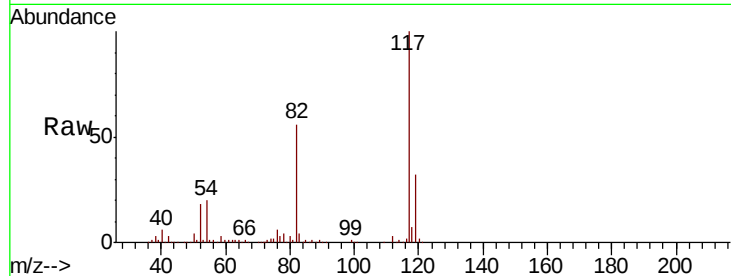




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051453.D
Acq: 24 Sep 2018 11:52

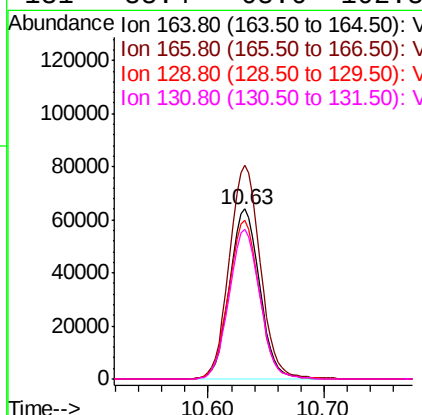
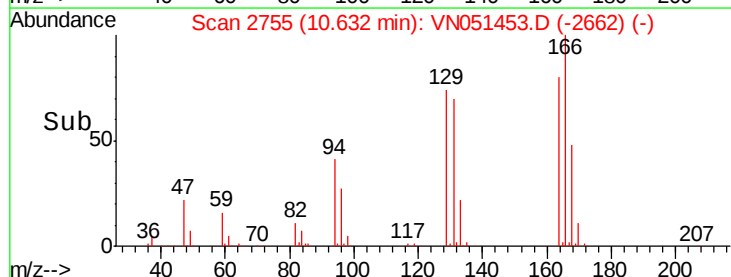
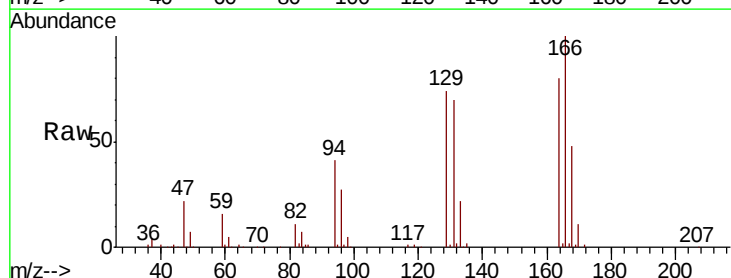
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

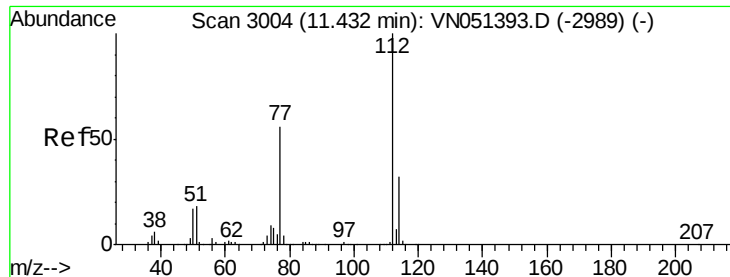
Tot Ion:117 Resp: 636628
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.2
119 32.3 25.9 38.9



#64
Tetrachloroethene
Concen: 20.017 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051453.D
Acq: 24 Sep 2018 11:52

Tgt Ion:164 Resp: 115650
Ion Ratio Lower Upper
164 100
166 125.6 102.3 153.5
129 93.4 71.8 107.8
131 88.4 68.6 102.8

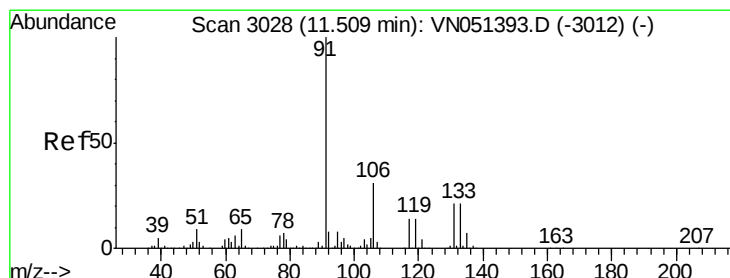
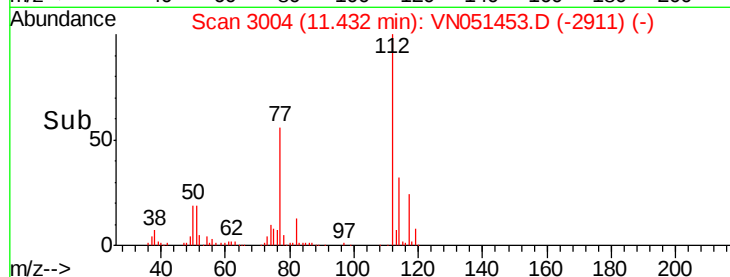
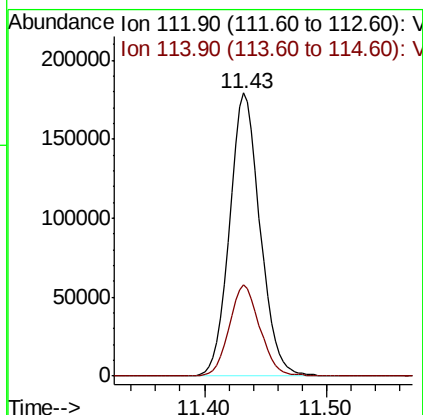
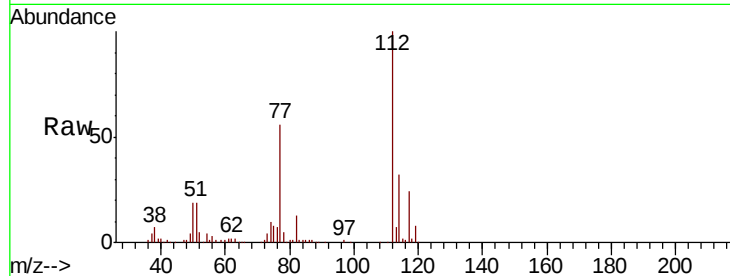




#65
Chlorobenzene
Concen: 19.120 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051453.D
Acq: 24 Sep 2018 11:52

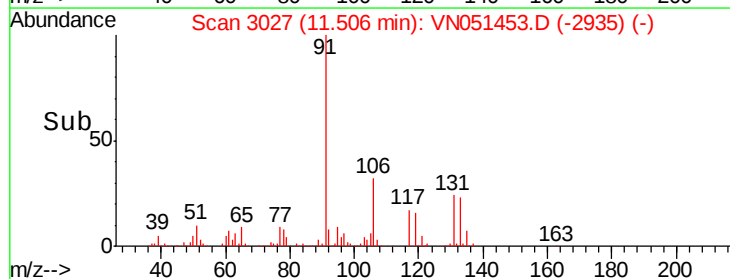
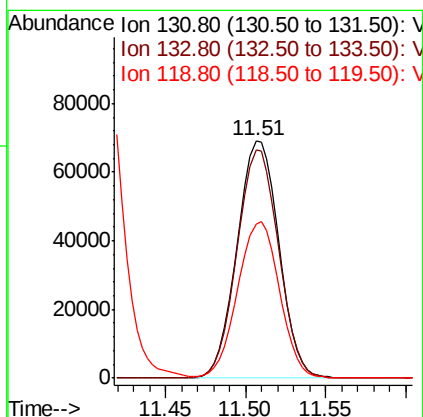
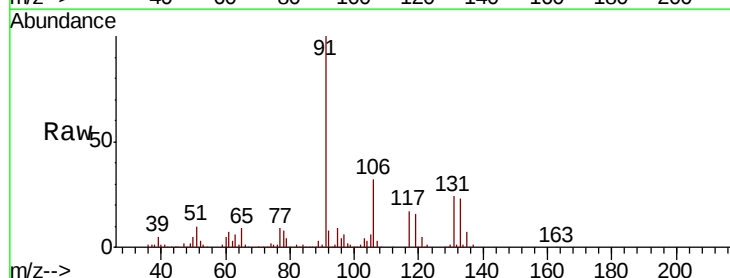
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

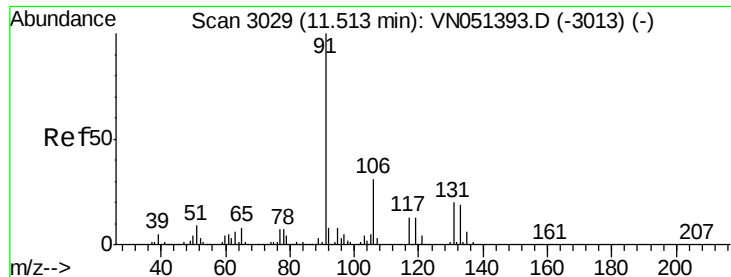
Tot Ion:112 Resp: 312304
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.797 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN051453.D
Acq: 24 Sep 2018 11:52

Tgt Ion:131 Resp: 123198
Ion Ratio Lower Upper
131 100
133 96.0 48.3 144.8
119 66.3 32.8 98.4

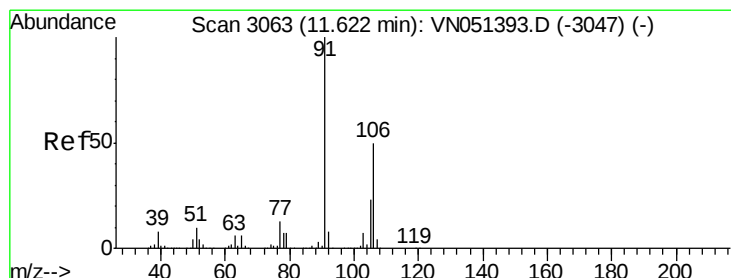
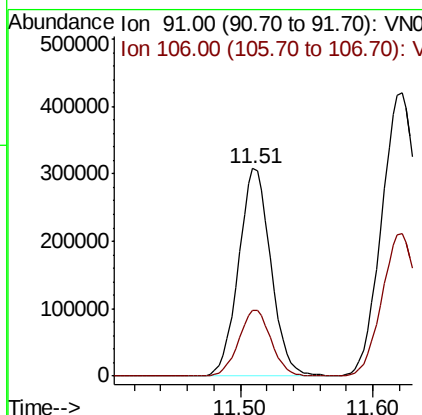
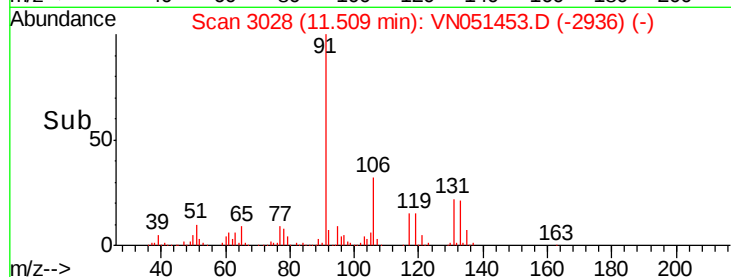
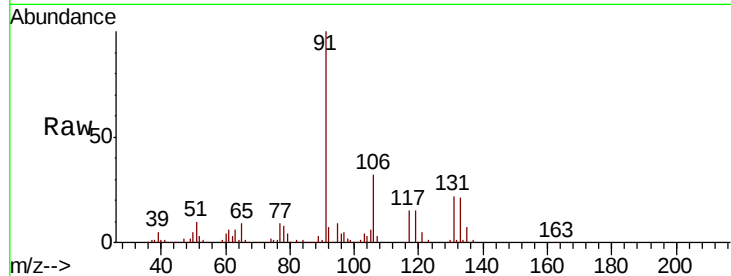




#67
Ethyl Benzene
Concen: 18.921 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051453.D
Acq: 24 Sep 2018 11:52

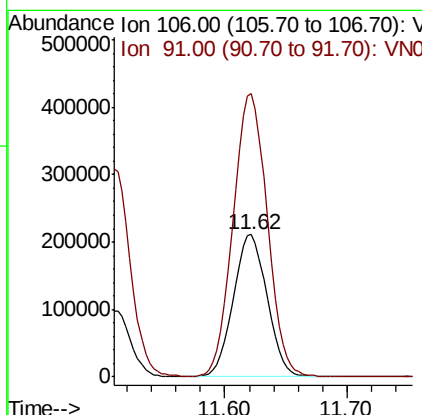
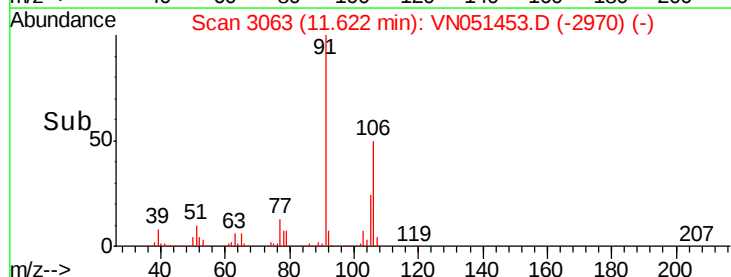
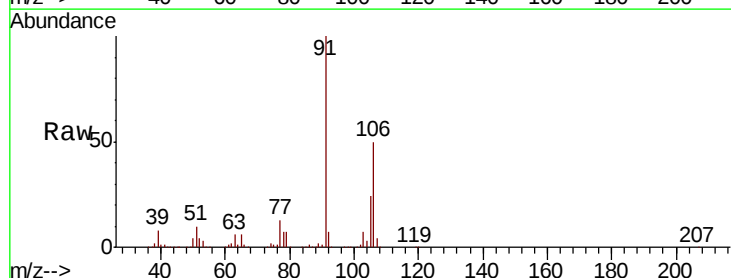
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

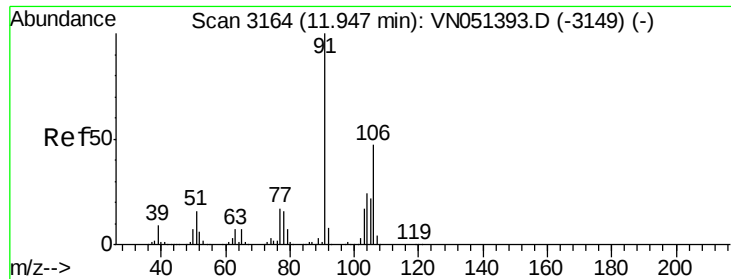
Tot Ion: 91 Resp: 520848
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.4



#68
m/p-Xylenes
Concen: 38.078 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051453.D
Acq: 24 Sep 2018 11:52

Tgt Ion: 106 Resp: 405439
Ion Ratio Lower Upper
106 100
91 201.7 161.3 241.9

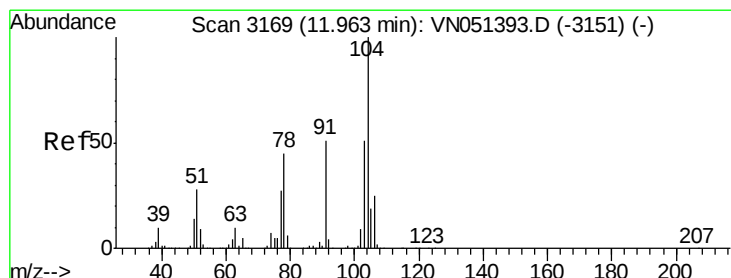
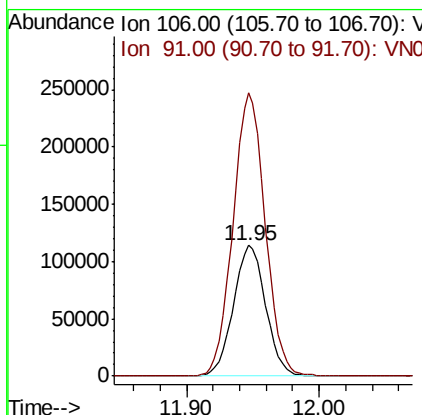
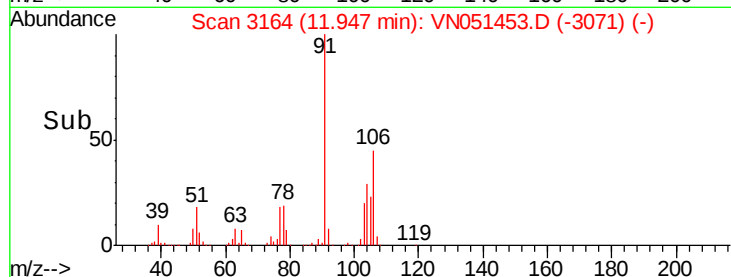
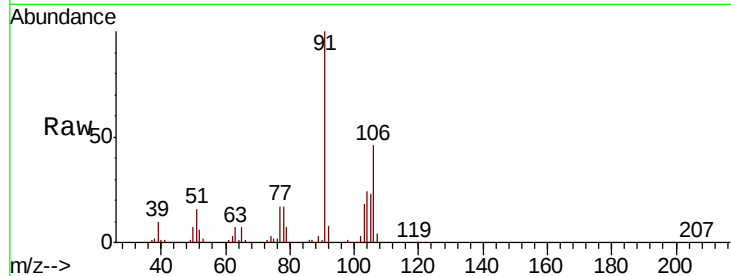




#69
o-Xylene
Concen: 18.831 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051453.D
Acq: 24 Sep 2018 11:52

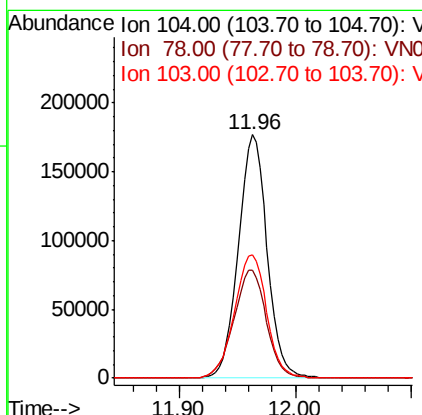
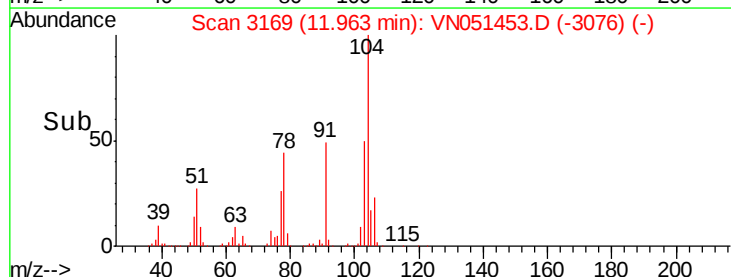
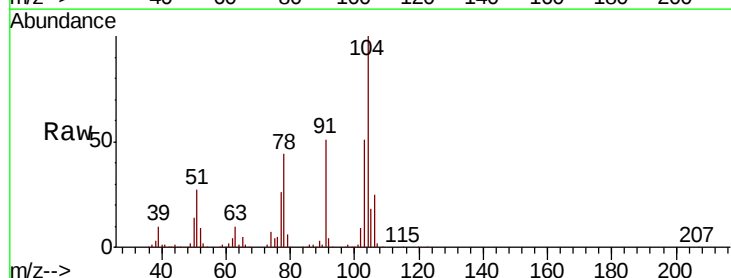
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

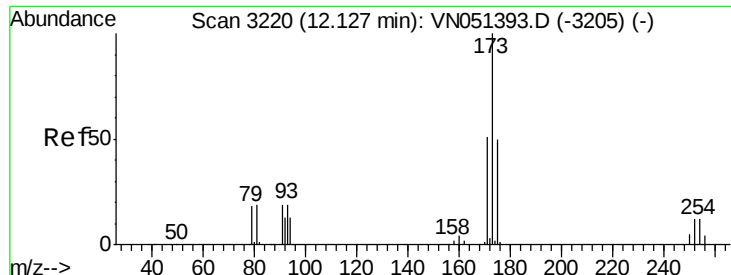
Tot Ion:106 Resp: 192753
Ion Ratio Lower Upper
106 100
91 215.8 105.3 315.9



#70
Styrene
Concen: 18.827 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051453.D
Acq: 24 Sep 2018 11:52

Tgt Ion:104 Resp: 305373
Ion Ratio Lower Upper
104 100
78 50.2 39.9 59.9
103 56.6 44.6 66.8

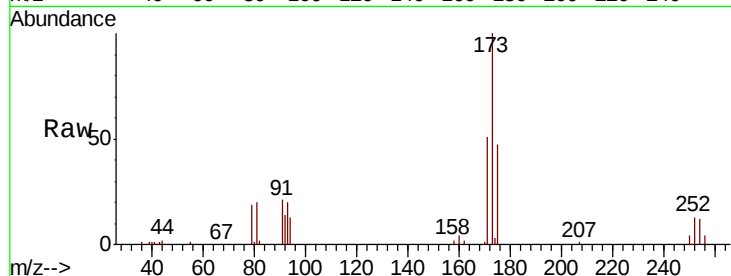




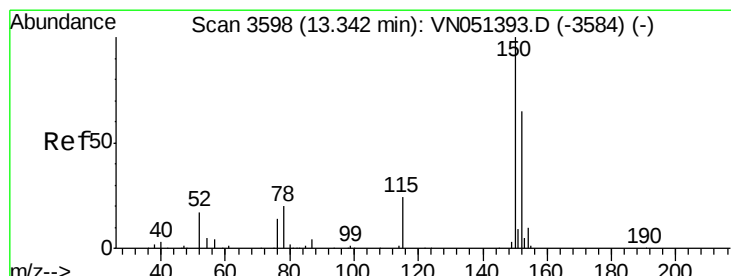
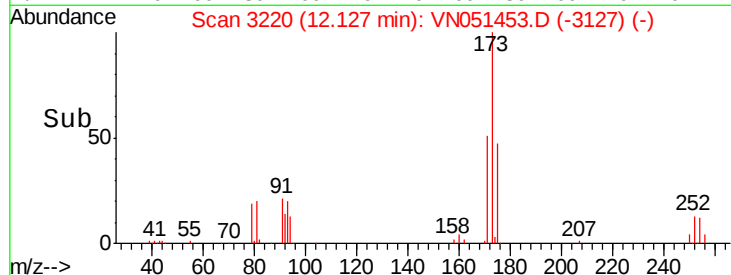
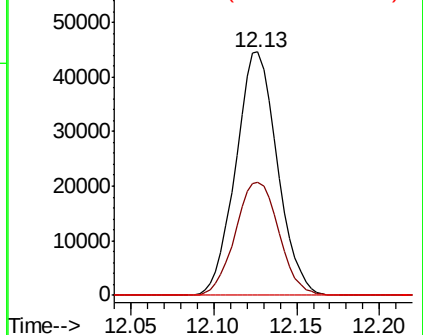
#71
Bromoform
Concen: 18.422 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN051453.D
Acq: 24 Sep 2018 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

Tot Ion:173 Resp: 77789
Ion Ratio Lower Upper
173 100
175 48.8 24.8 74.3
254 0.0 0.2 0.2#

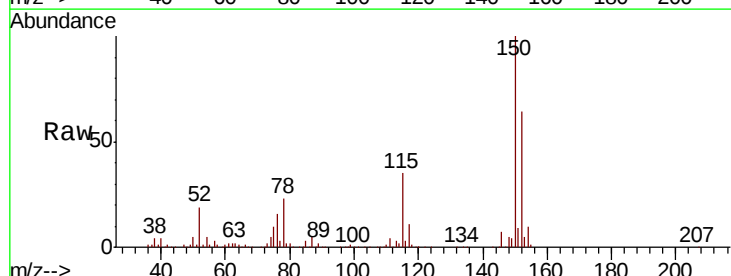


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

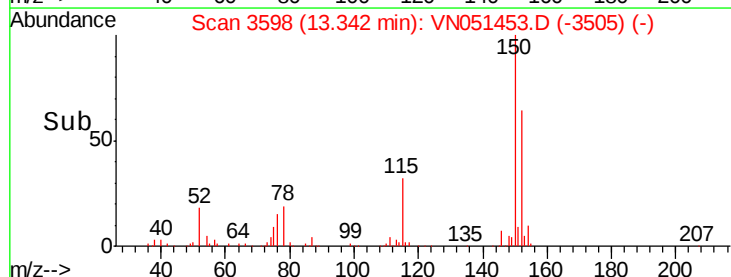
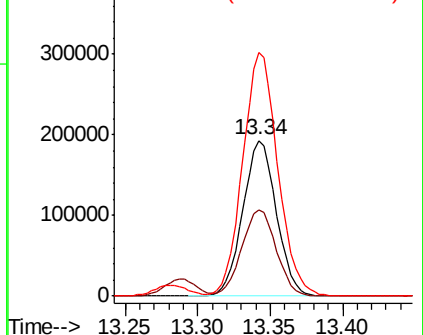


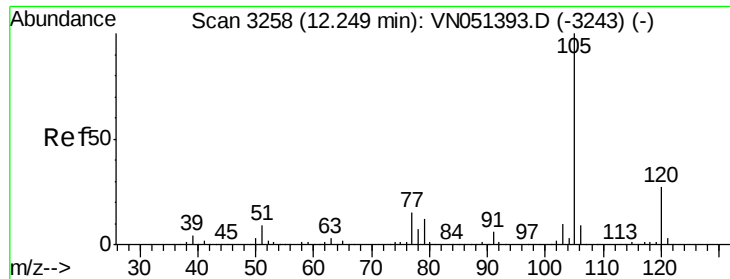
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN051453.D
Acq: 24 Sep 2018 11:52

Tgt Ion:152 Resp: 310703
Ion Ratio Lower Upper
152 100
115 56.8 28.3 84.9
150 163.7 0.0 353.6



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: 19.665 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

Instrument :

MSVOA_N

ClientSampleId :

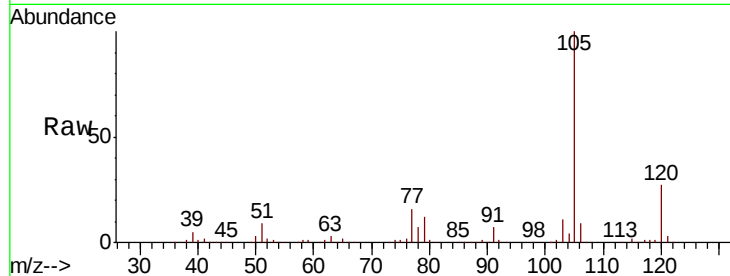
VN0924WBSD01

Tot Ion:105 Resp: 515519

Ion Ratio Lower Upper

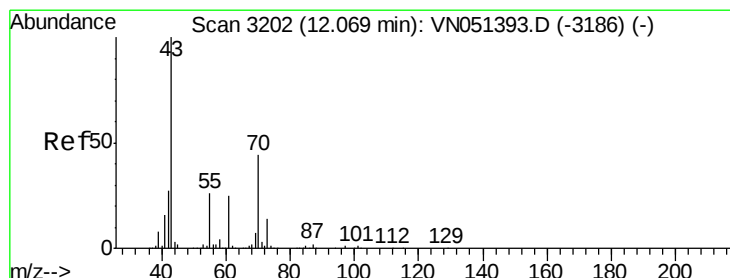
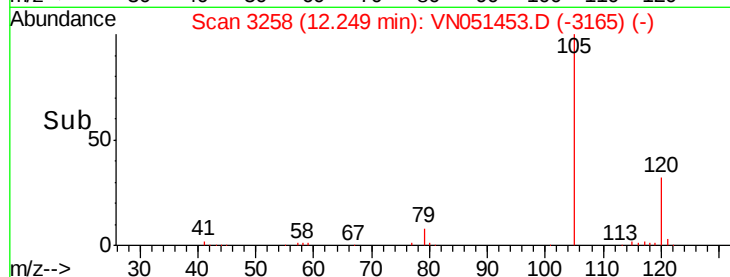
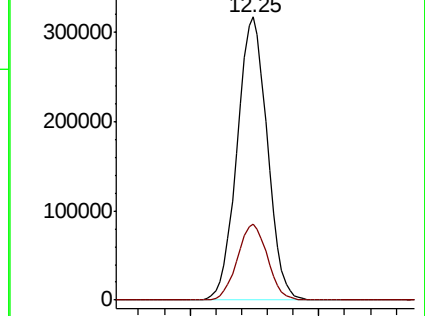
105 100

120 26.7 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.375 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

Tgt Ion: 43 Resp: 120864

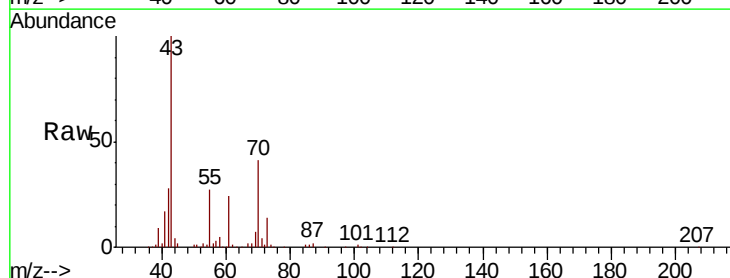
Ion Ratio Lower Upper

43 100

70 42.9 35.0 52.4

55 28.9 21.4 32.2

61 24.2 19.8 29.6

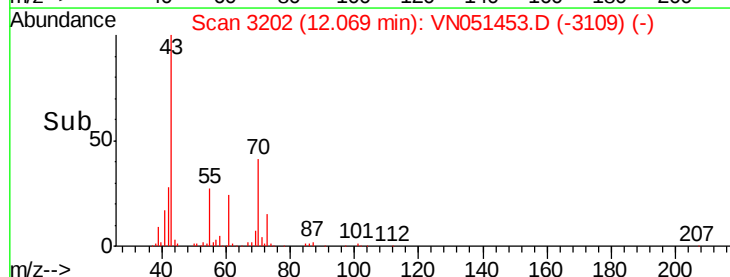
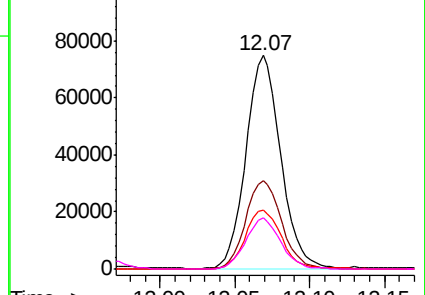


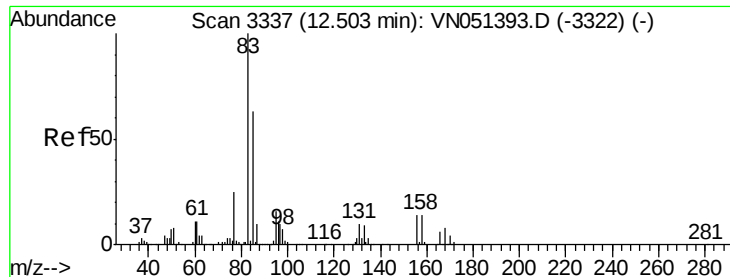
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.418 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD01

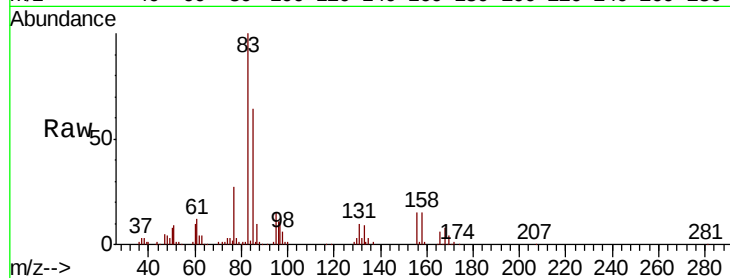
Tot Ion: 83 Resp: 124819

Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.3	15.9
85	63.4	31.6	95.0

83 100

131 10.5 5.3 15.9

85 63.4 31.6 95.0

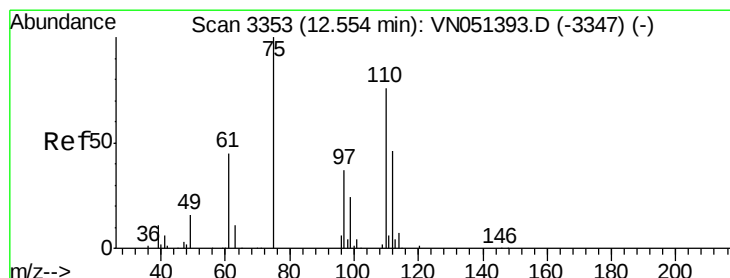
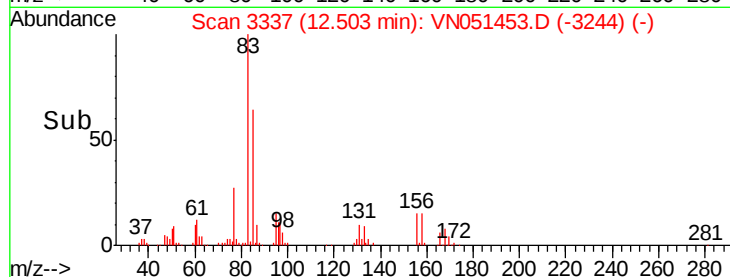
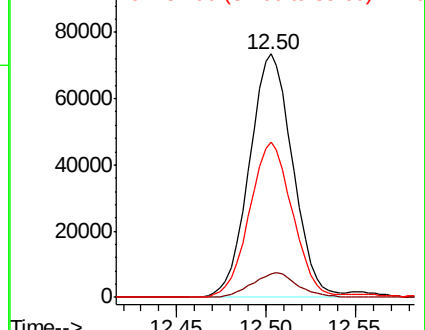


Abundance

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: 28.305 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN051453.D

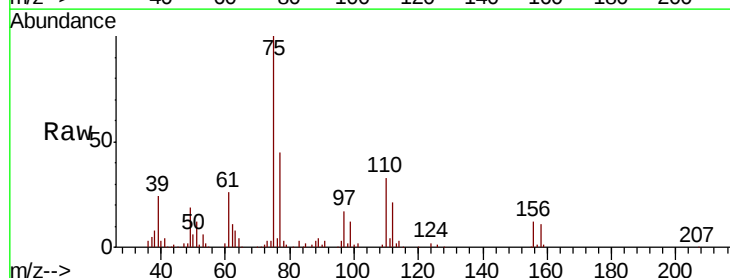
Acq: 24 Sep 2018 11:52

Tgt Ion: 75 Resp: 145996

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

75 100

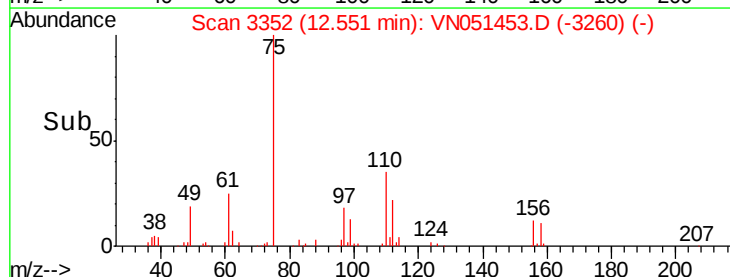
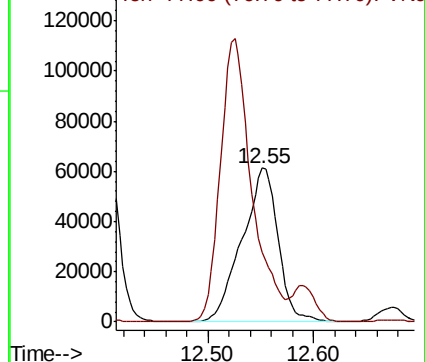
77 0.0 0.0 0.0

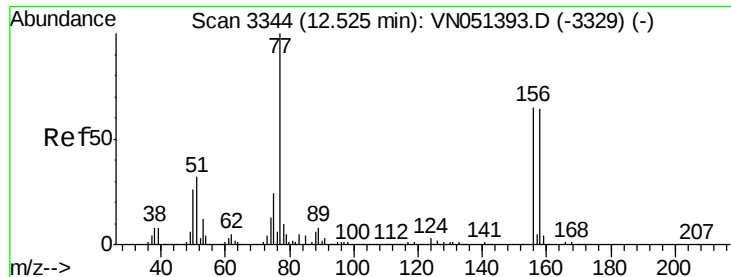


Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.508 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

Instrument :

MSVOA_N

ClientSampled :

VN0924WBSD01

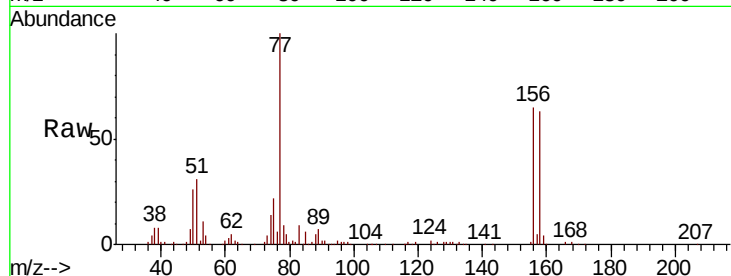
Tot Ion:156 Resp: 129465

Ion Ratio Lower Upper

156 100

77 180.0 89.5 268.4

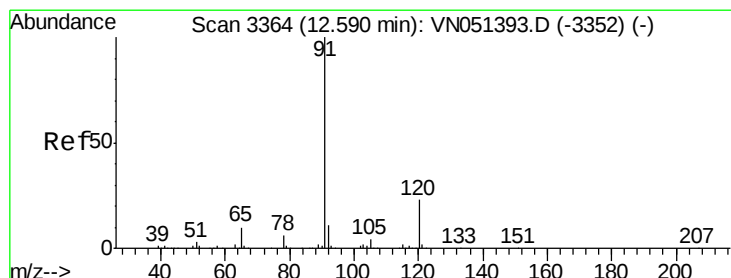
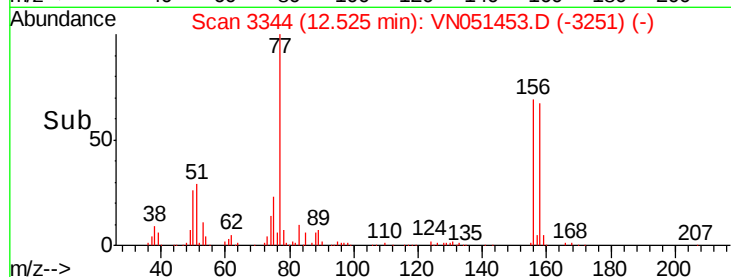
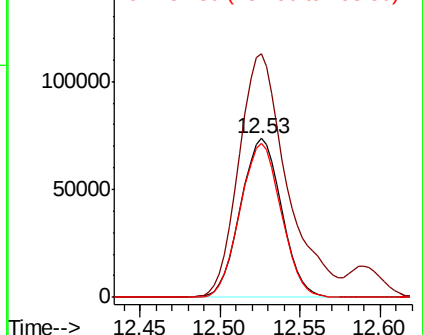
158 97.3 49.4 148.2



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: 19.673 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051453.D

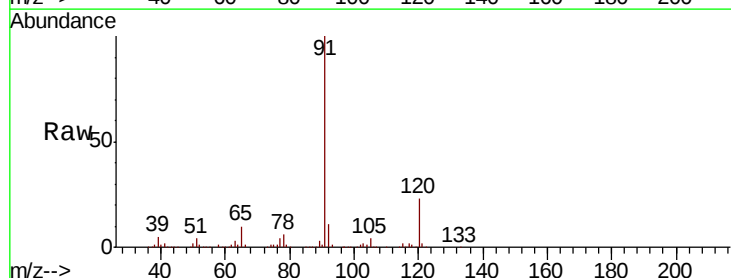
Acq: 24 Sep 2018 11:52

Tgt Ion: 91 Resp: 581244

Ion Ratio Lower Upper

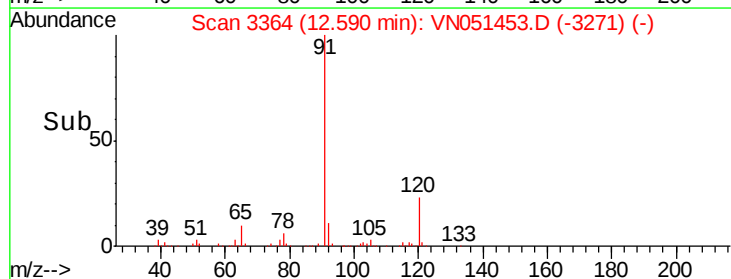
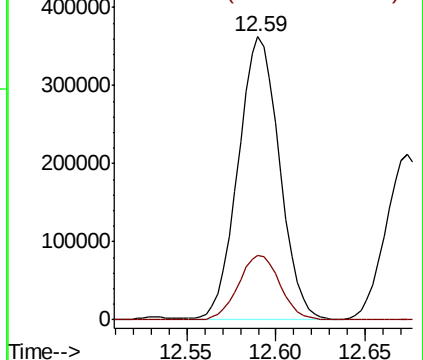
91 100

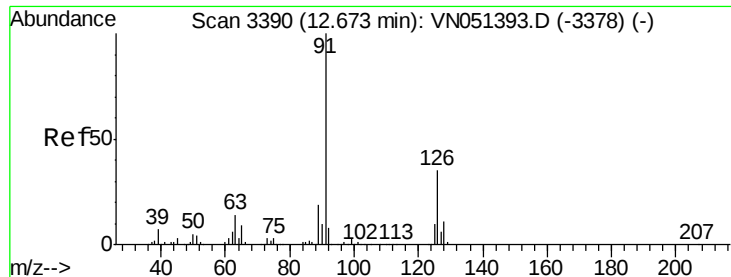
120 23.0 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

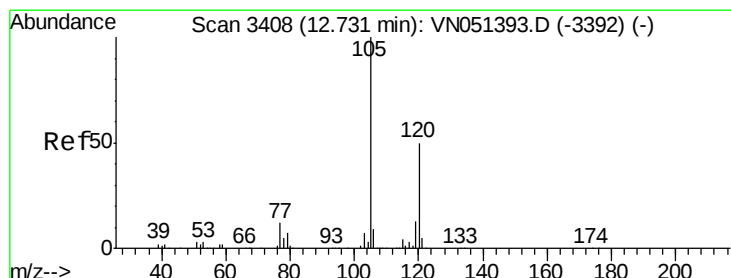
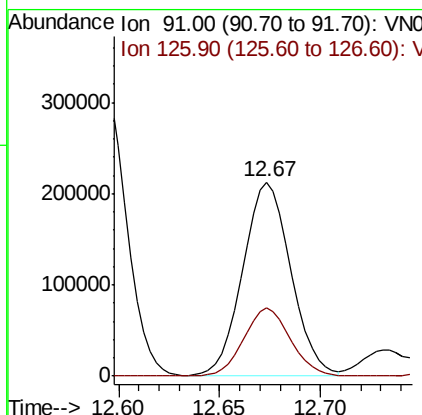
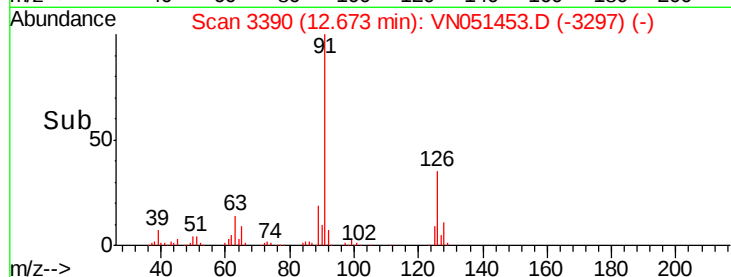
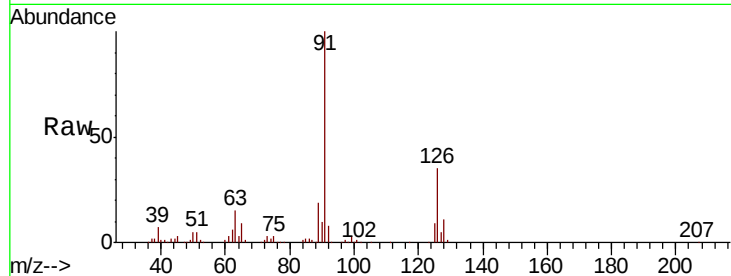




#79
 2-Chlorotoluene
 Concen: 19.889 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN051453.D
 Acq: 24 Sep 2018 11:52

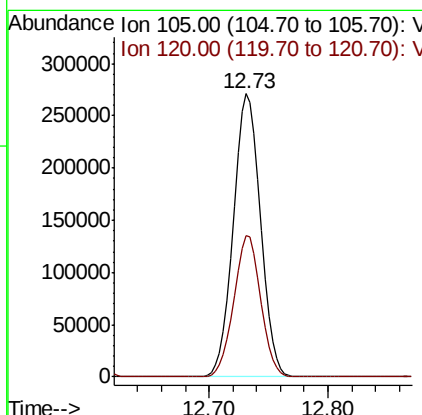
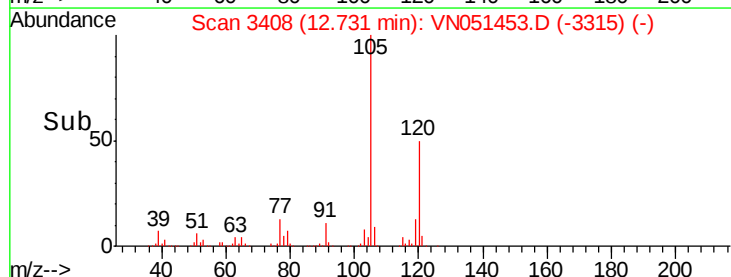
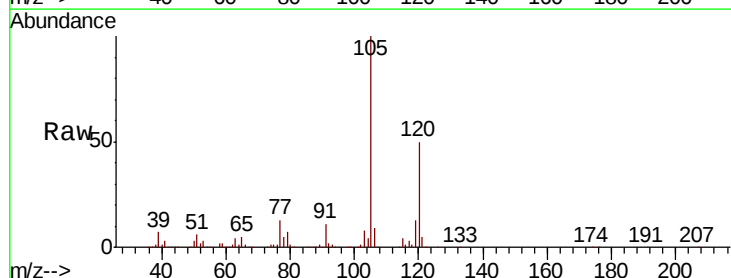
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD01

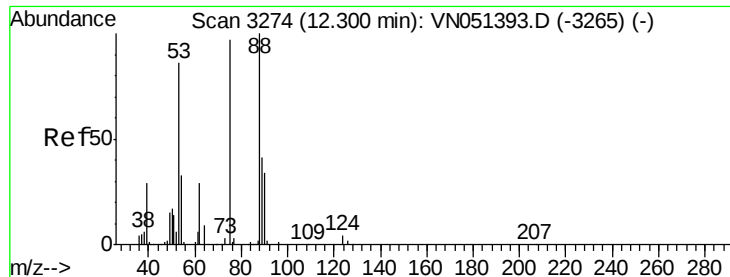
Tot Ion: 91 Resp: 351739
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.6 52.8



#80
 1,3,5-Trimethylbenzene
 Concen: 20.028 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN051453.D
 Acq: 24 Sep 2018 11:52

Tgt Ion: 105 Resp: 428111
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.413 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD01

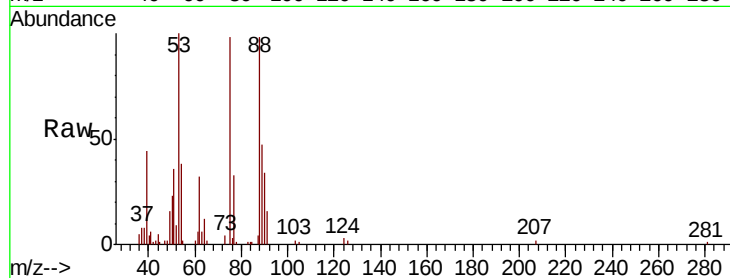
Tot Ion: 75 Resp: 30886

Ion Ratio Lower Upper

75 100

53 99.1 73.9 110.9

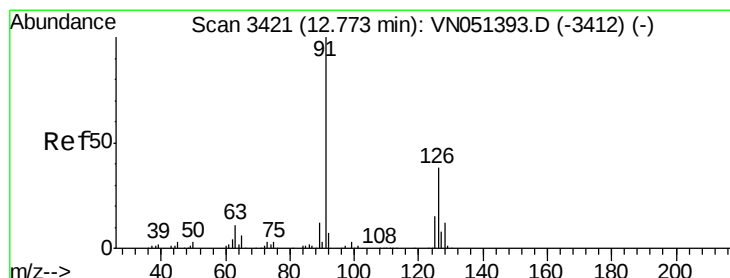
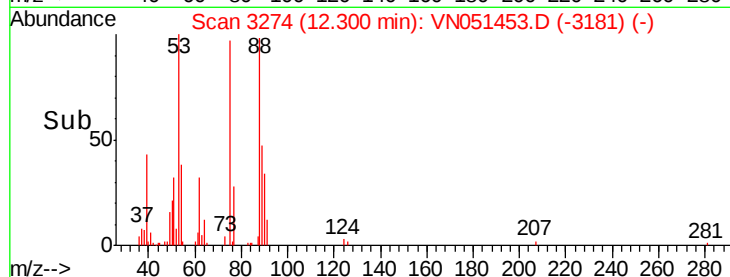
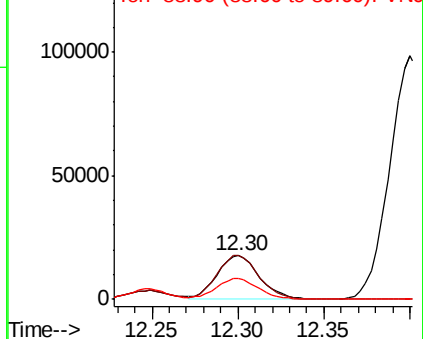
89 46.6 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.749 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051453.D

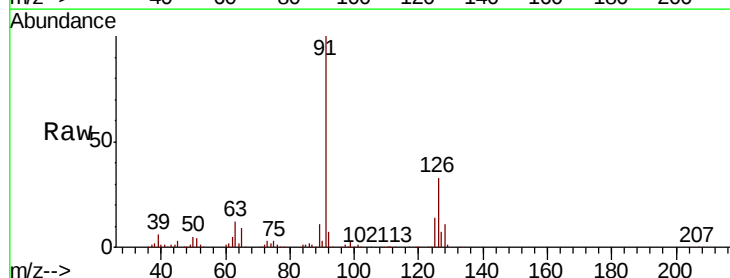
Acq: 24 Sep 2018 11:52

Tgt Ion: 91 Resp: 348595

Ion Ratio Lower Upper

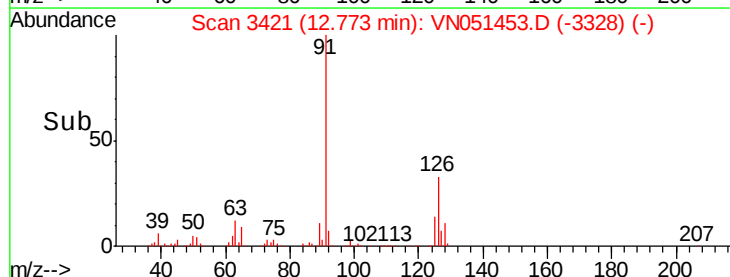
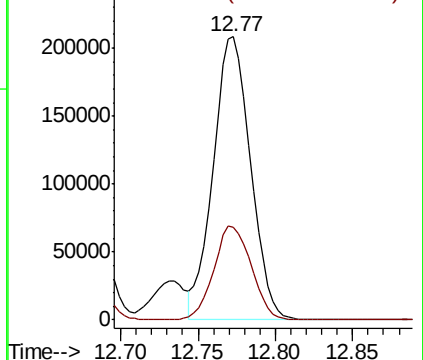
91 100

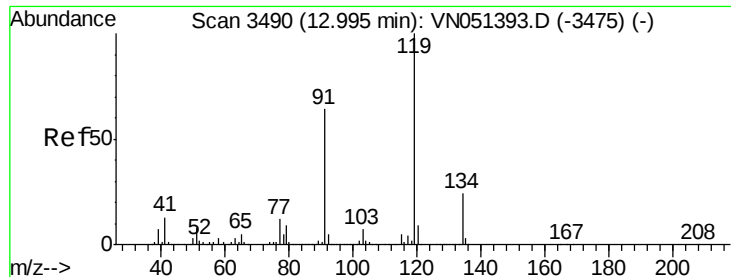
126 33.4 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

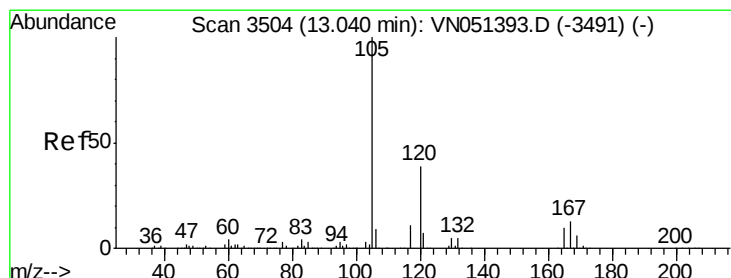
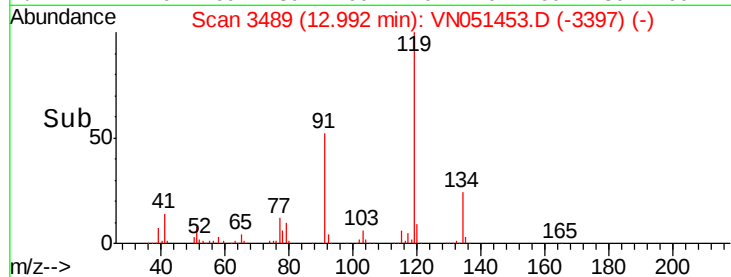
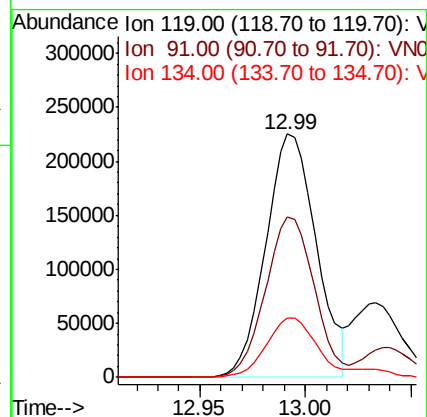
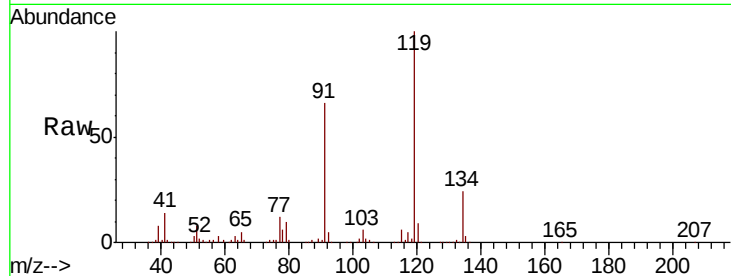




#83
tert-Butylbenzene
Concen: 19.761 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN051453.D
Acq: 24 Sep 2018 11:52

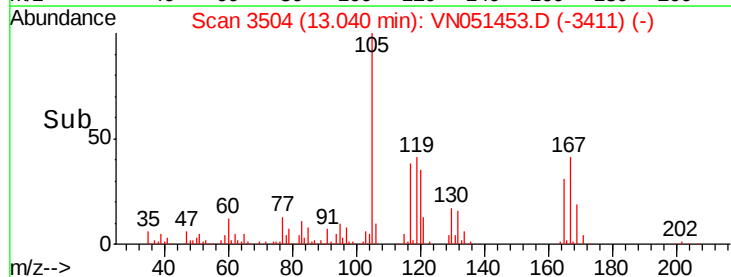
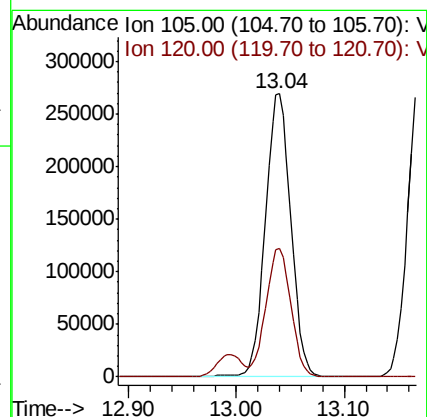
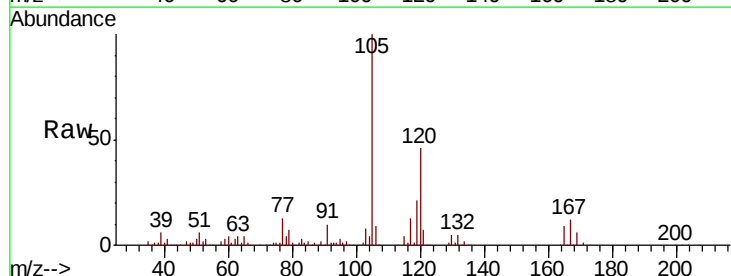
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBSD01

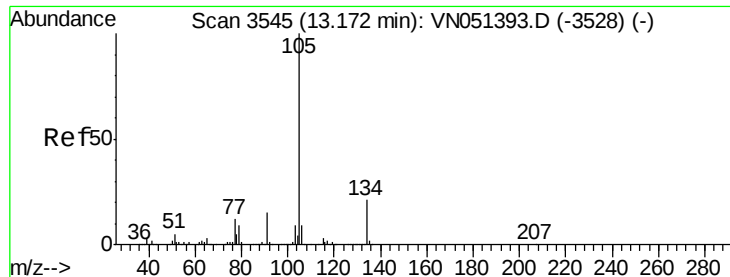
Tot Ion:119 Resp: 375981
Ion Ratio Lower Upper
119 100
91 64.1 31.7 95.1
134 24.2 12.3 36.9



#84
1,2,4-Trimethylbenzene
Concen: 20.425 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN051453.D
Acq: 24 Sep 2018 11:52

Tgt Ion:105 Resp: 439957
Ion Ratio Lower Upper
105 100
120 44.9 22.9 68.7





#85

sec-Butylbenzene

Concen: 19.875 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

Instrument :

MSVOA_N

ClientSampleId :

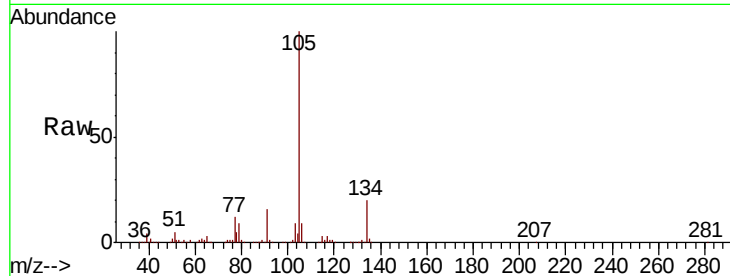
VN0924WBSD01

Tot Ion:105 Resp: 511573

Ion Ratio Lower Upper

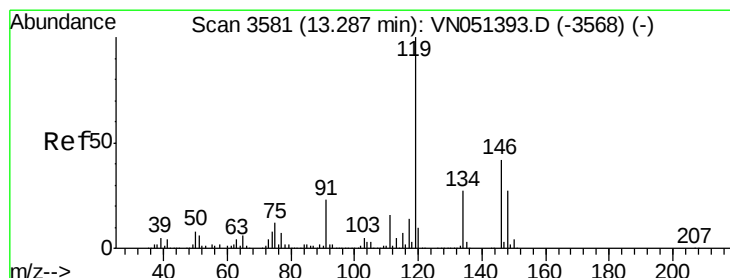
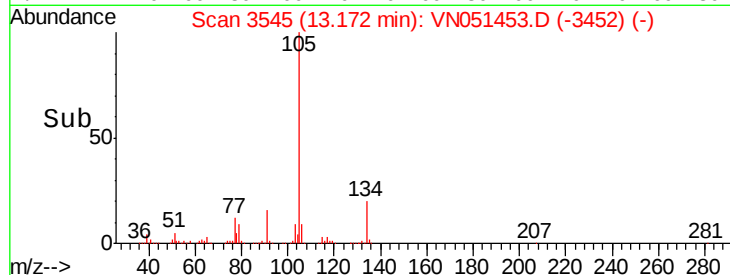
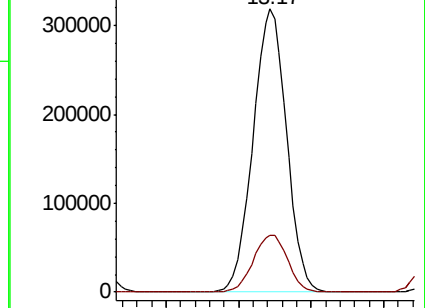
105 100

134 20.6 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.547 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

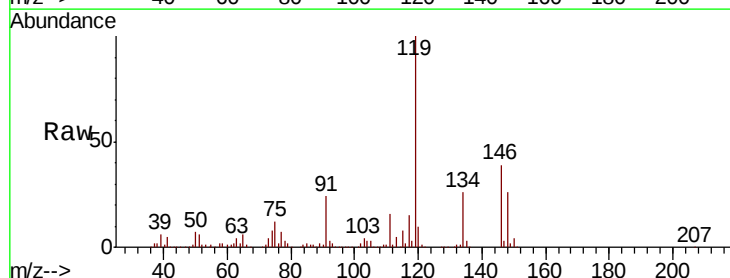
Tgt Ion:119 Resp: 435350

Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.9

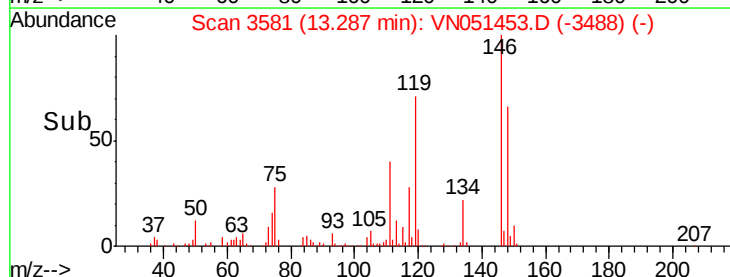
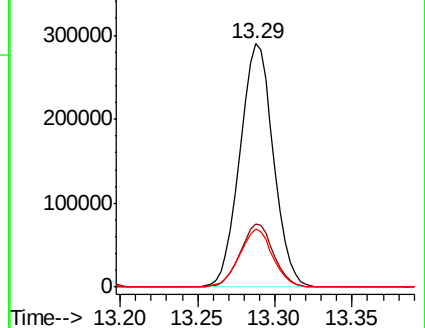
91 23.3 11.4 34.2

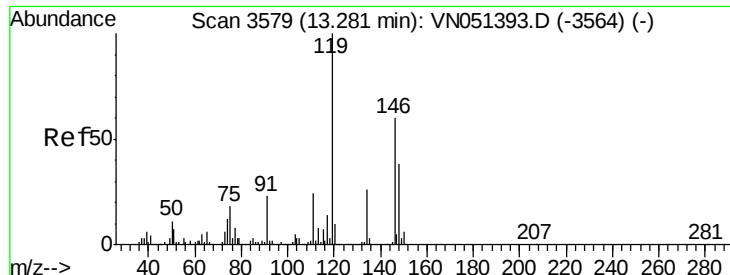


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

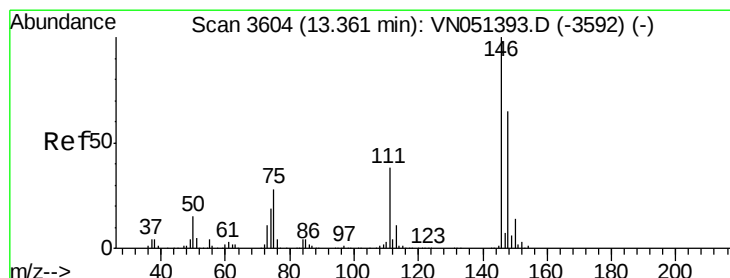
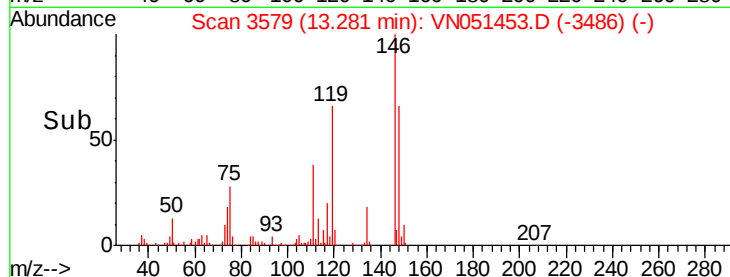
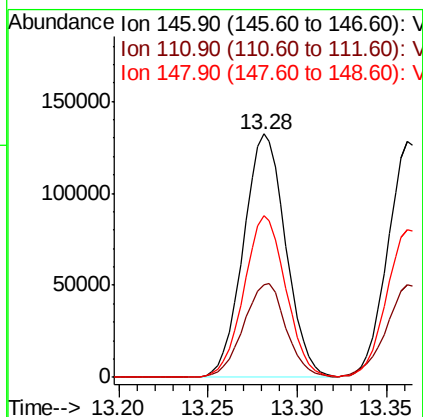
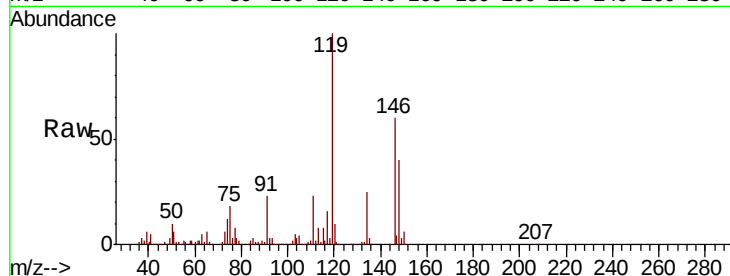




#87
 1,3-Dichlorobenzene
 Concen: 19.063 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN051453.D
 Acq: 24 Sep 2018 11:52

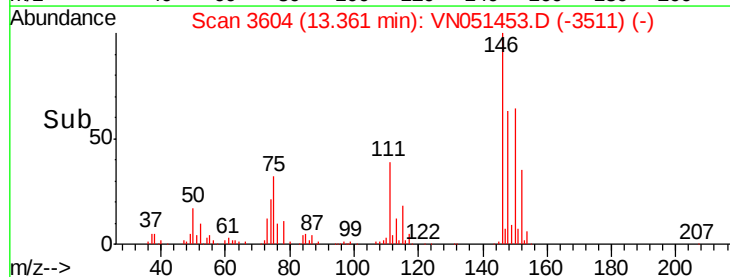
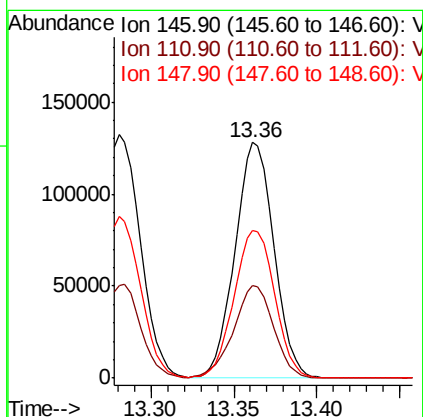
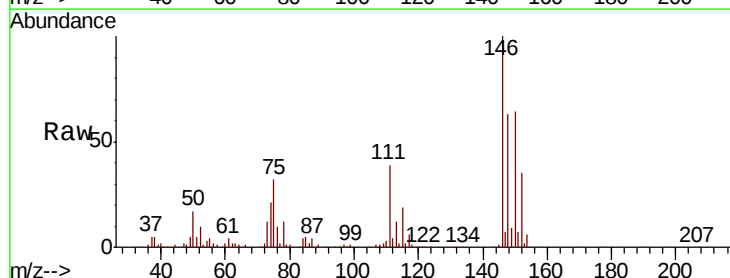
Instrument :
 MSVOA_N
 ClientSampled :
 VN0924WBSD01

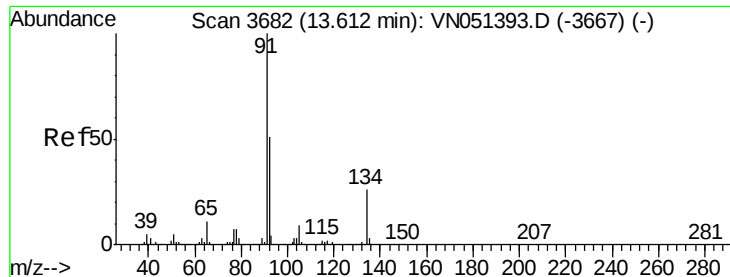
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.7	59.1
148	65.8	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 18.943 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN051453.D
 Acq: 24 Sep 2018 11:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.1	57.1
148	65.4	32.5	97.5

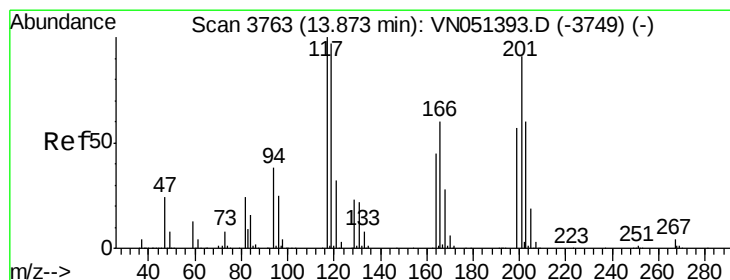
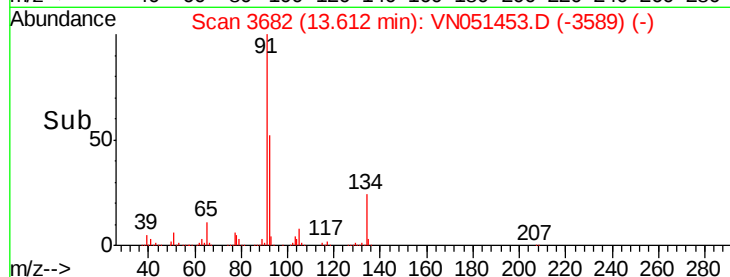
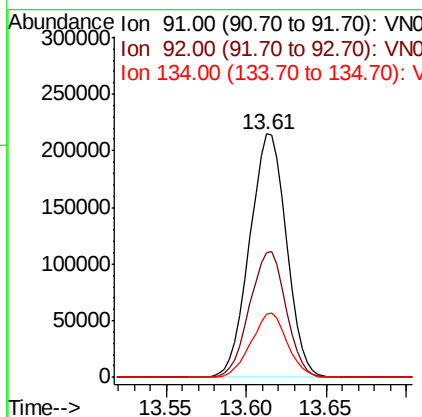
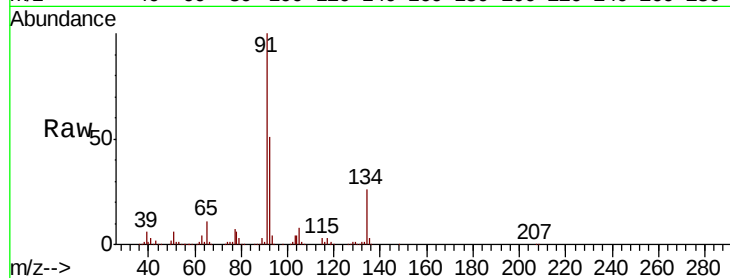




#89
n-Butylbenzene
Concen: 18.481 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN051453.D
Acq: 24 Sep 2018 11:52

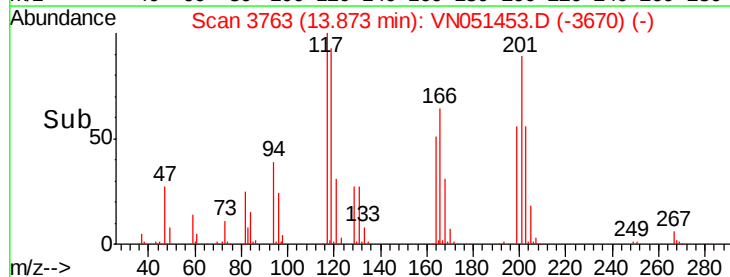
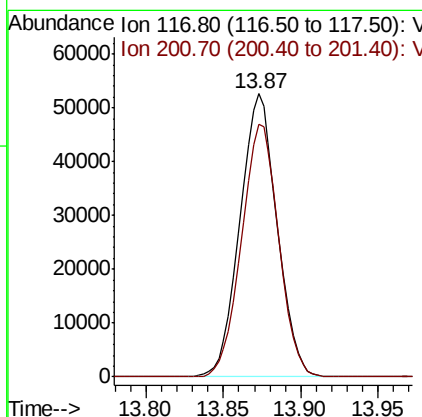
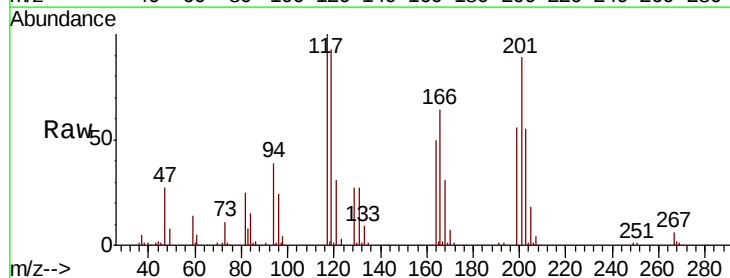
Instrument :
MSVOA_N
ClientSampled :
VN0924WBSD01

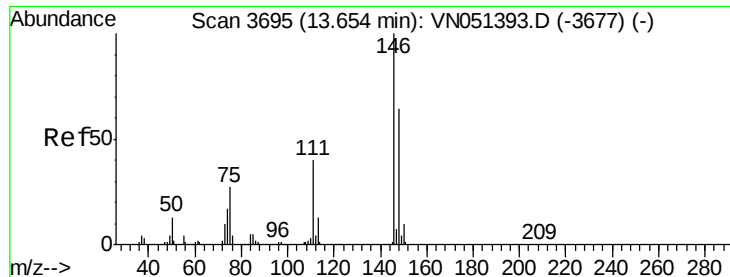
Tot Ion	Ratio	Lower	Upper
91	100		
92	51.2	25.5	76.5
134	25.9	13.3	39.8



#90
Hexachloroethane
Concen: 19.741 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN051453.D
Acq: 24 Sep 2018 11:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.3	45.5	136.4





#91

1,2-Dichlorobenzene

Concen: 19.514 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

Instrument :

MSVOA_N

ClientSampled :

VN0924WBSD01

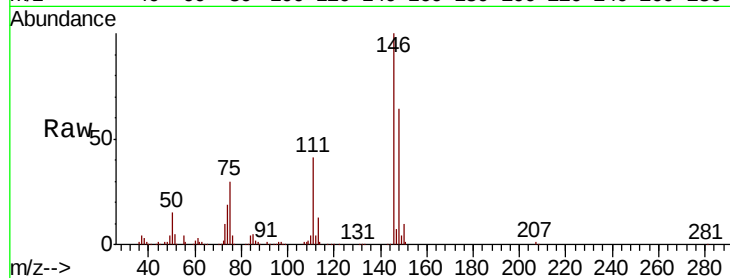
Tot Ion:146 Resp: 217440

Ion Ratio Lower Upper

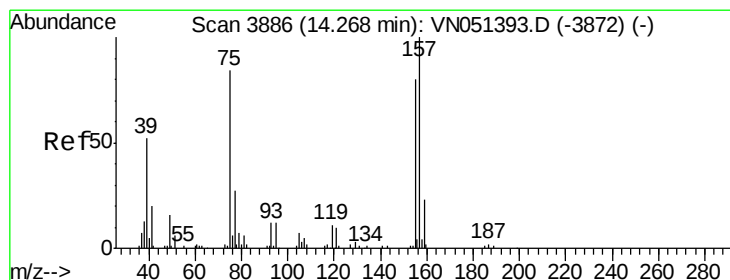
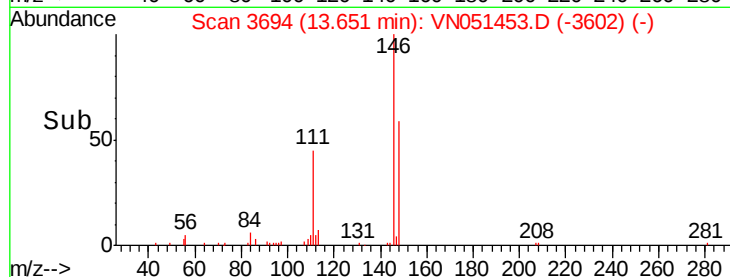
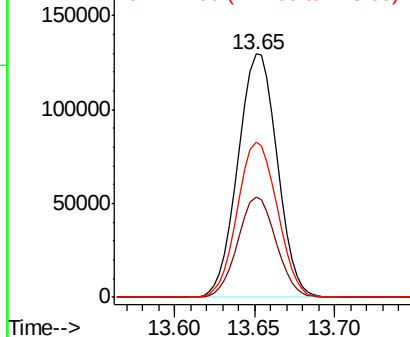
146 100

111 40.1 20.0 60.0

148 64.9 32.1 96.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.280 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

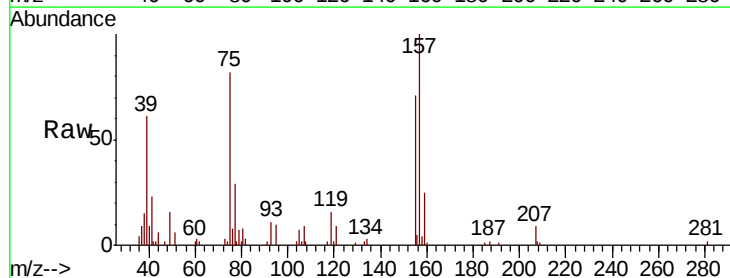
Tgt Ion: 75 Resp: 16820

Ion Ratio Lower Upper

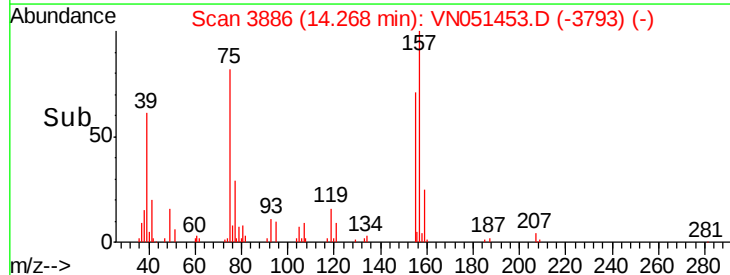
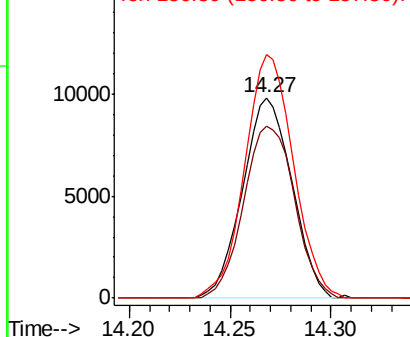
75 100

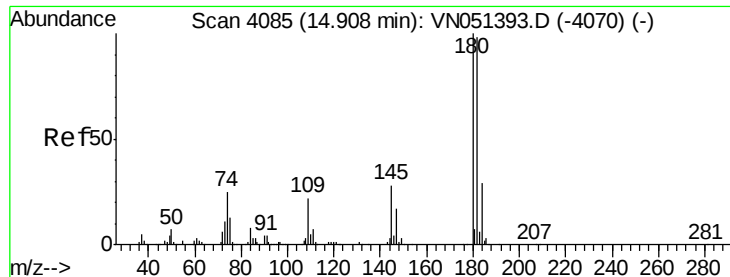
155 88.6 46.9 140.6

157 120.0 58.4 175.1



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





#93

1,2,4-Trichlorobenzene

Concen: 19.736 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD01

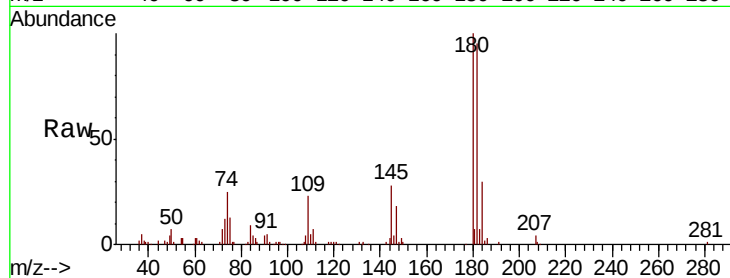
Tot Ion:180 Resp: 93853

Ion Ratio Lower Upper

180 100

182 96.4 48.5 145.6

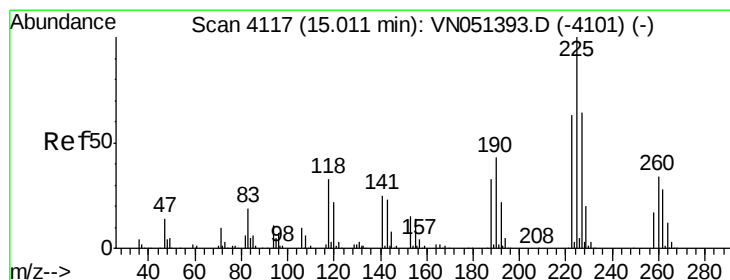
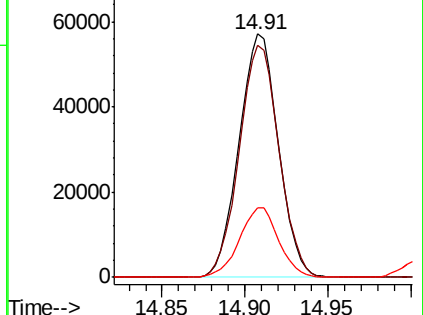
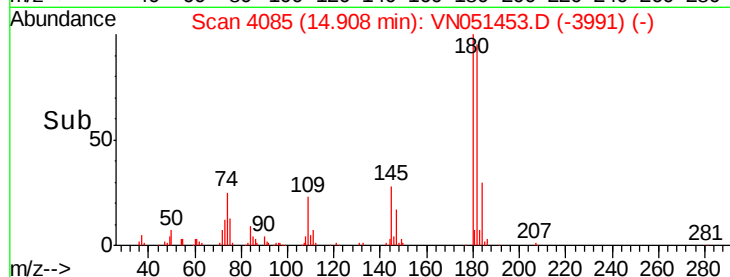
145 28.5 14.1 42.4



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: 19.971 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. -0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

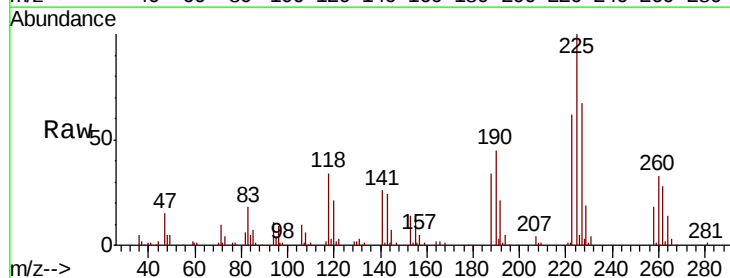
Tgt Ion:225 Resp: 84199

Ion Ratio Lower Upper

225 100

223 63.0 31.9 95.9

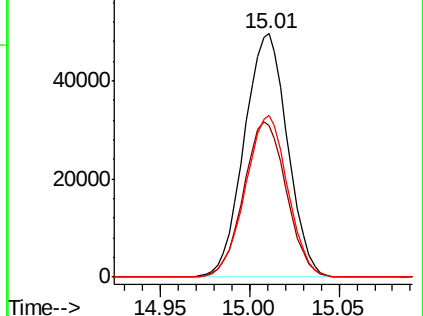
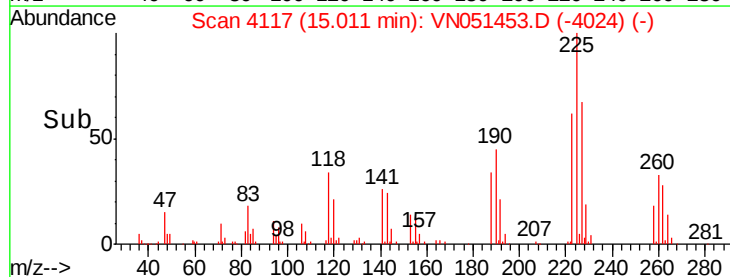
227 64.9 32.5 97.5

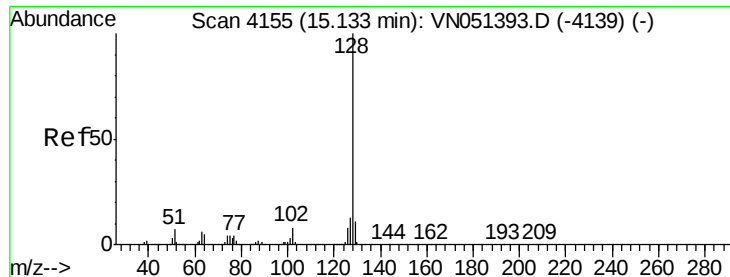


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.918 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBSD01

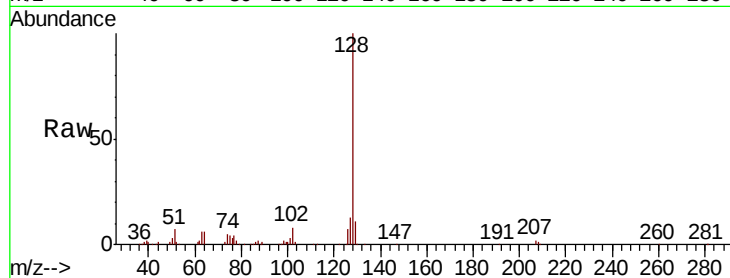
Tot Ion:128 Resp: 163471

Ion Ratio Lower Upper

128 100

127 12.4 10.5 15.7

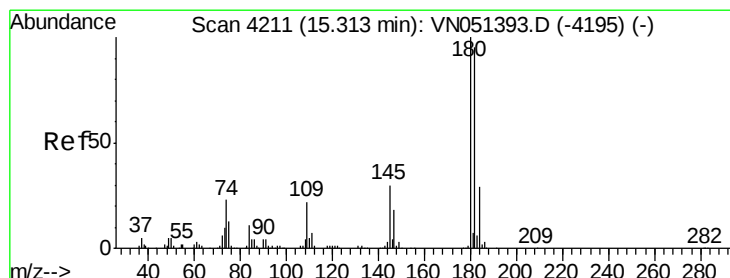
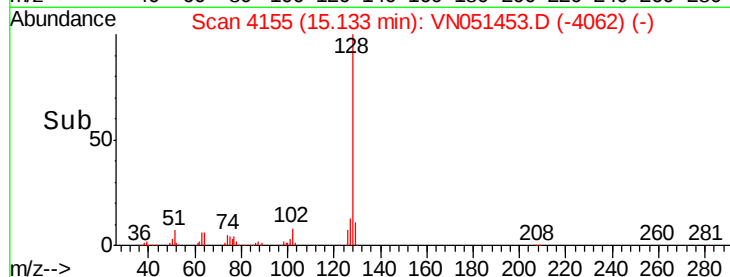
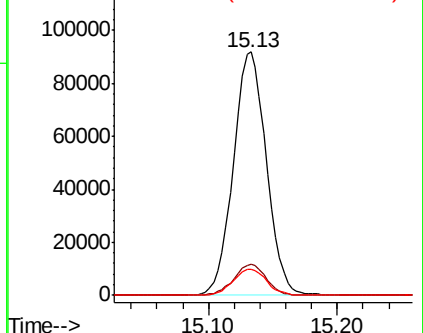
129 10.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.264 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN051453.D

Acq: 24 Sep 2018 11:52

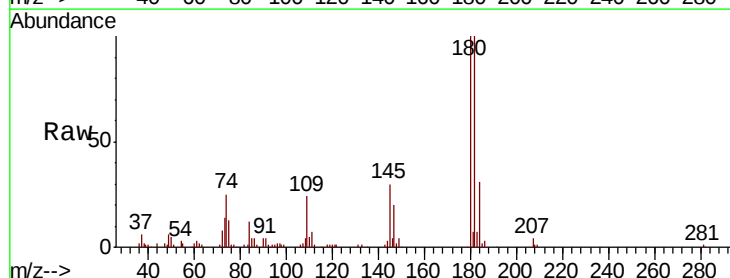
Tgt Ion:180 Resp: 97668

Ion Ratio Lower Upper

180 100

182 98.6 47.2 141.6

145 30.5 14.6 43.8



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

