

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101118\
 Data File : VN051807.D
 Acq On : 11 Oct 2018 10:32
 Operator : MD\SY
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Quant Time: Oct 11 10:58:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 11 10:14:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	865297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1301761	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1206619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	567157	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	1306670	125.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	250.88%	
35) Dibromofluoromethane	7.59	113	1231364	118.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	237.80%	
50) Toluene-d8	10.09	98	4697453	121.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	242.64%	
62) 4-Bromofluorobenzene	12.40	95	1559492	121.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	242.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	104252	9.00	ug/l	99
3) Chloromethane	2.06	50	120003	8.40	ug/l	99
4) Vinyl Chloride	2.18	62	181918	13.45	ug/l	97
5) Bromomethane	2.54	94	155161	17.82	ug/l	99
6) Chloroethane	2.69	64	132884	17.00	ug/l	95
7) Trichlorofluoromethane	3.00	101	282099	16.28	ug/l	100
8) Diethyl Ether	3.41	74	72069	12.23	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	3.75	101	136079	12.57	ug/l	98
10) Methyl Iodide	3.95	142	171842	20.00	ug/l	96
11) Tert butyl alcohol	4.80	59	56959	85.87	ug/l #	91
12) 1,1-Dichloroethene	3.73	96	126794	13.05	ug/l	92
13) Acrolein	3.61	56	523933	1446.02	ug/l	100
14) Allyl chloride	4.32	41	156143	10.31	ug/l #	78
15) Acrylonitrile	4.99	53	206339	61.21	ug/l	99
16) Acetone	3.82	43	159548	56.68	ug/l	100
17) Carbon Disulfide	4.05	76	328762	10.09	ug/l	99
18) Methyl Acetate	4.33	43	100041	10.17	ug/l	92
19) Methyl tert-butyl Ether	5.05	73	383054	15.67	ug/l	92
20) Methylene Chloride	4.55	84	146747	12.50	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	141382	13.45	ug/l	90
22) Diisopropyl ether	5.96	45	332817	11.03	ug/l #	89
23) Vinyl Acetate	5.90	43	1255929	64.62	ug/l #	93
24) 1,1-Dichloroethane	5.85	63	233105	12.03	ug/l	97
25) 2-Butanone	6.84	43	239477	57.05	ug/l	93
26) 2,2-Dichloropropane	6.82	77	218680	14.05	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	165664	14.62	ug/l	90
28) Bromochloromethane	7.20	49	772841	93.87	ug/l #	69
29) Tetrahydrofuran	7.22	42	150541	62.55	ug/l #	83
30) Chloroform	7.37	83	274387	14.30	ug/l	97
31) Cyclohexane	7.65	56	208536	10.83	ug/l #	83
32) 1,1,1-Trichloroethane	7.57	97	260014	15.78	ug/l	97
36) 1,1-Dichloropropene	7.79	75	196720	12.81	ug/l	96
37) Ethyl Acetate	6.93	43	107195	12.15	ug/l	97
38) Carbon Tetrachloride	7.77	117	234216	15.08	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	246980	14.86	ug/l	88
40) Benzene	8.04	78	596725	12.88	ug/l	100
41) Methacrylonitrile	7.18	41	53586	11.22	ug/l #	84
42) 1,2-Dichloroethane	8.13	62	192773	13.92	ug/l	100
43) Isopropyl Acetate	8.17	43	214929	14.17	ug/l	96
44) Trichloroethene	8.84	130	178179	14.58	ug/l	98
45) 1,2-Dichloropropane	9.12	63	135868	11.16	ug/l	99
46) Dibromomethane	9.21	93	106792	14.93	ug/l	100
47) Bromodichloromethane	9.40	83	214091	14.29	ug/l	97
48) Methyl methacrylate	9.20	41	93360	12.07	ug/l #	80
49) 1,4-Dioxane	9.20	88	36518	346.45	ug/l	86
51) 4-Methyl-2-Pentanone	9.99	43	547742	60.50	ug/l	96
52) Toluene	10.16	92	404880	14.75	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	215397	14.44	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	229470	13.44	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	147186	14.45	ug/l	98
56) Ethyl methacrylate	10.43	69	179218	15.52	ug/l #	88
57) 1,3-Dichloropropane	10.71	76	233915	13.91	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	3157309	640.15	ug/l #	89
59) 2-Hexanone	10.75	43	368261	61.10	ug/l	96
60) Dibromochloromethane	10.90	129	175442	15.38	ug/l	100
61) 1,2-Dibromoethane	11.01	107	160147	16.26	ug/l	98
64) Tetrachloroethene	10.63	164	178649	15.59	ug/l	97
65) Chlorobenzene	11.44	112	460467	14.60	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	170662	14.79	ug/l	100
67) Ethyl Benzene	11.51	91	768745	14.99	ug/l	99
68) m/p-Xylenes	11.62	106	613299	31.51	ug/l	97
69) o-Xylene	11.95	106	305808	16.34	ug/l	94
70) Styrene	11.97	104	465655	15.92	ug/l	99
71) Bromoform	12.13	173	113124	14.26	ug/l #	100
73) Isopropylbenzene	12.25	105	802297	17.08	ug/l	99
74) N-amyl acetate	12.07	43	169867	14.40	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.51	83	177405	14.02	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	216104	21.75	ug/l #	100
77) Bromobenzene	12.53	156	206542	16.18	ug/l	89
78) n-propylbenzene	12.59	91	867958	16.54	ug/l	97
79) 2-Chlorotoluene	12.68	91	518274	15.86	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	665024	17.55	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	44449	15.13	ug/l	93
82) 4-Chlorotoluene	12.77	91	514331	15.94	ug/l	98
83) tert-Butylbenzene	12.99	119	611727	18.64	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	667426	17.51	ug/l	99
85) sec-Butylbenzene	13.17	105	792809	18.44	ug/l	99
86) p-Isopropyltoluene	13.29	119	696841	19.02	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	355717	16.42	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	340495	15.97	ug/l	100
89) n-Butylbenzene	13.62	91	533637	18.21	ug/l	98
90) Hexachloroethane	13.88	117	117225	15.46	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	346985	16.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28007	16.61	ug/l	97

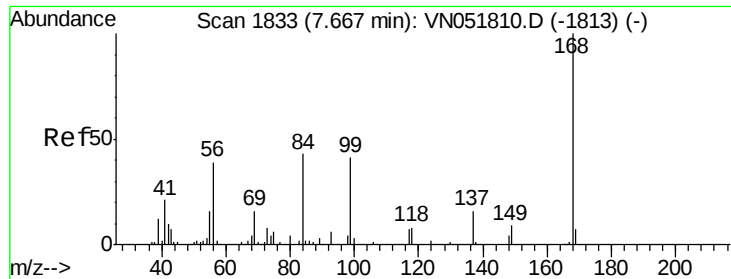
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101118\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	142445	15.66	ug/l	99
94) Hexachlorobutadiene	15.01	225	109144	16.02	ug/l	99
95) Naphthalene	15.13	128	286608	15.97	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	144897	16.36	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

Instrument :

MSVOA_N

ClientSampleId :

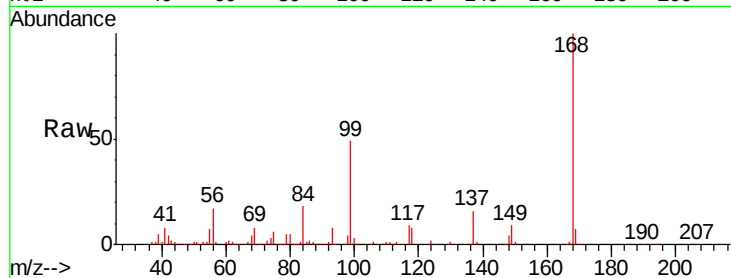
VSTDIC150

Tgt Ion:168 Resp: 865297

Ion Ratio Lower Upper

168 100

99 48.5 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

400000

300000

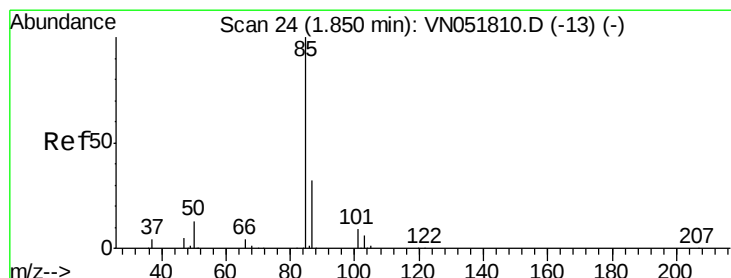
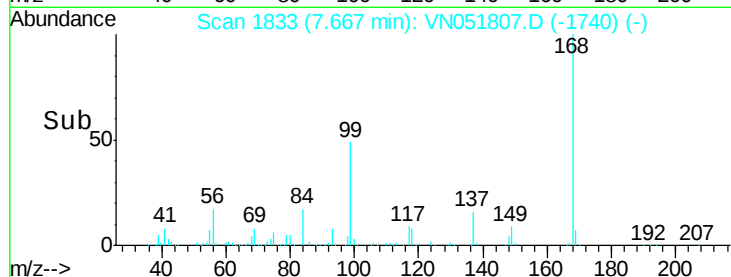
200000

100000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 9.00 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN051807.D

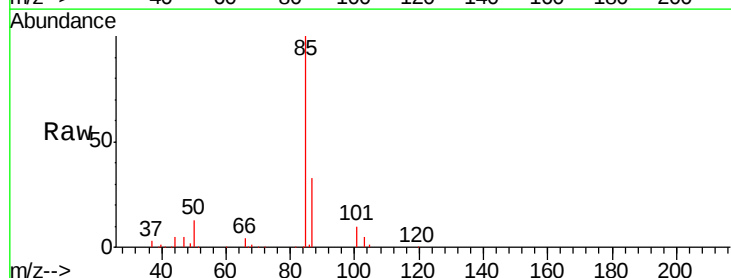
Acq: 11 Oct 2018 10:32

Tgt Ion: 85 Resp: 104252

Ion Ratio Lower Upper

85 100

87 33.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

80000

60000

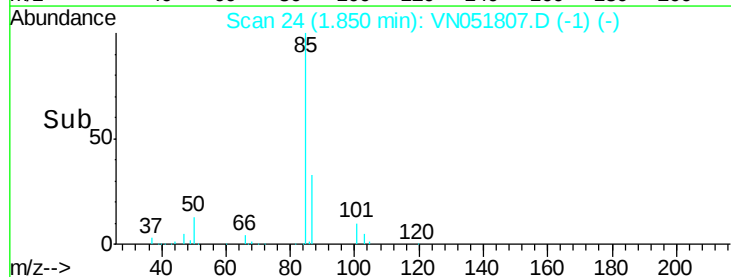
40000

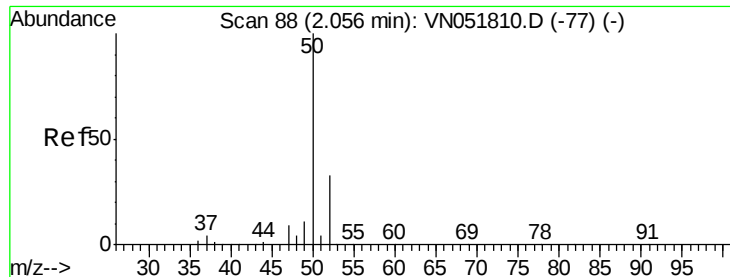
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 8.40 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

Instrument :

MSVOA_N

ClientSampleId :

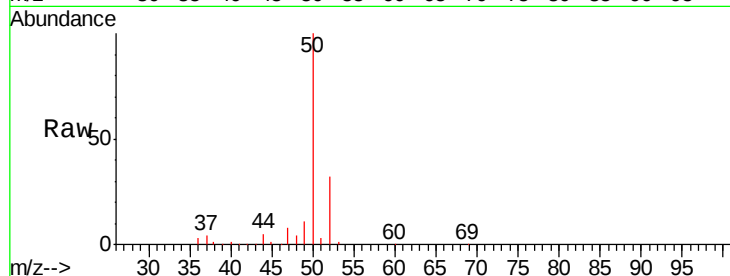
VSTDIC150

Tgt Ion: 50 Resp: 120003

Ion Ratio Lower Upper

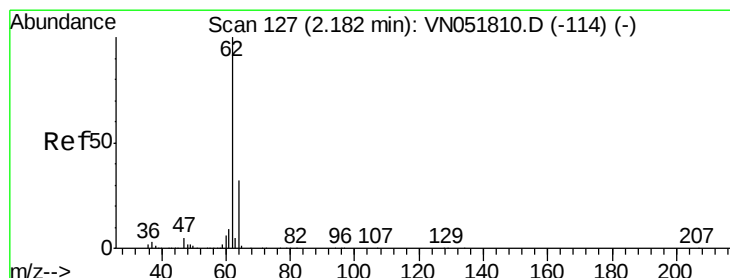
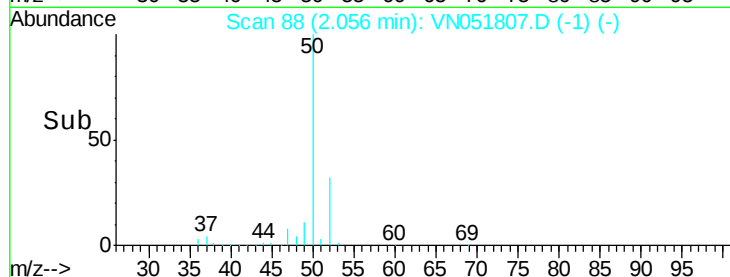
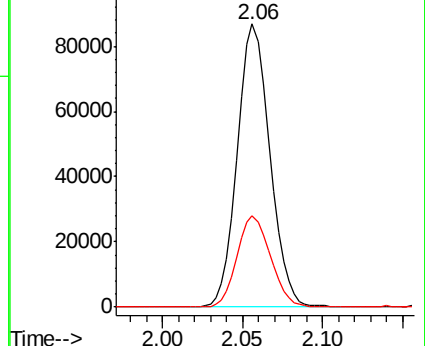
50 100

52 32.2 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN051807.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN051807.D (-1) (-)



#4

Vinyl Chloride

Concen: 13.45 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN051807.D

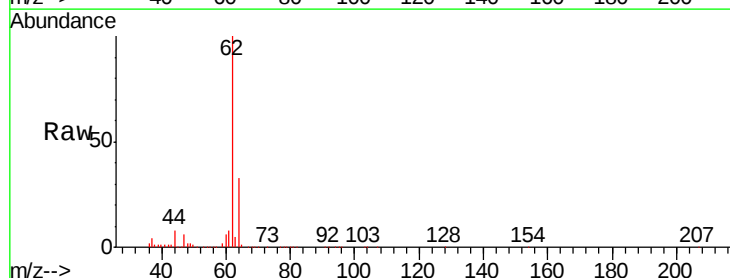
Acq: 11 Oct 2018 10:32

Tgt Ion: 62 Resp: 181918

Ion Ratio Lower Upper

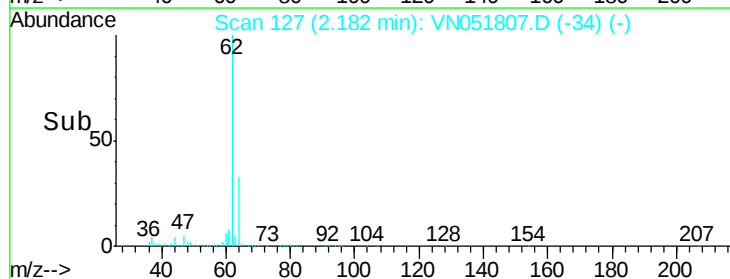
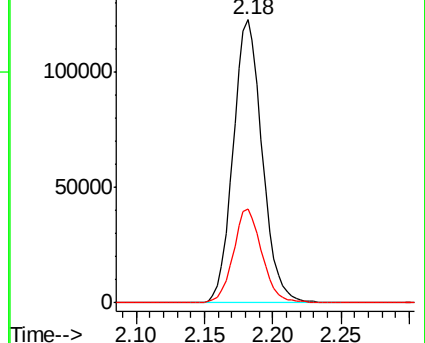
62 100

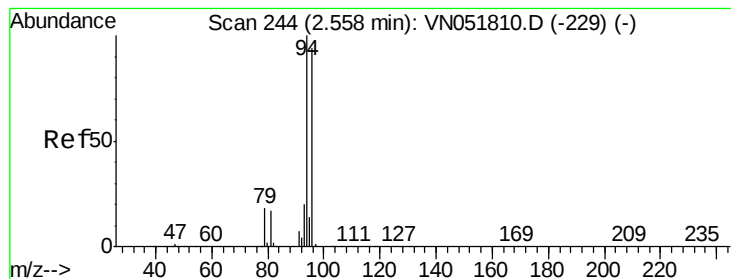
64 33.2 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VN051807.D (-34) (-)

Ion 63.90 (63.60 to 64.60): VN051807.D (-34) (-)





#5

Bromomethane

Concen: 17.82 ug/l

RT: 2.54 min Scan# 237

Delta R.T. -0.03 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

Instrument :

MSVOA_N

ClientSampleId :

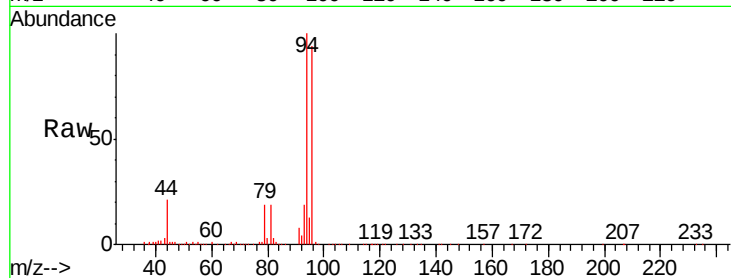
VSTDIC150

Tgt Ion: 94 Resp: 155161

Ion Ratio Lower Upper

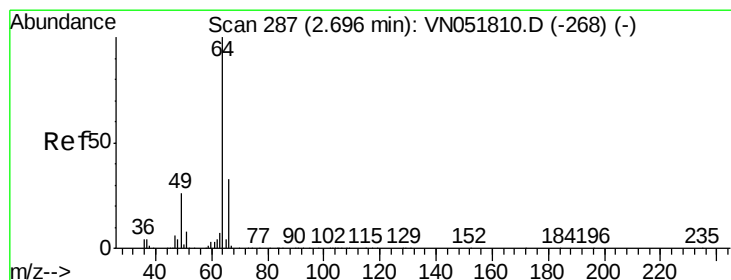
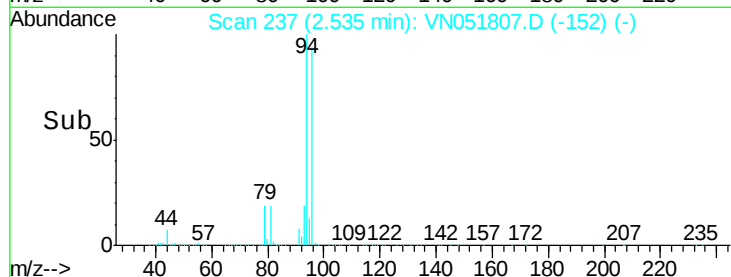
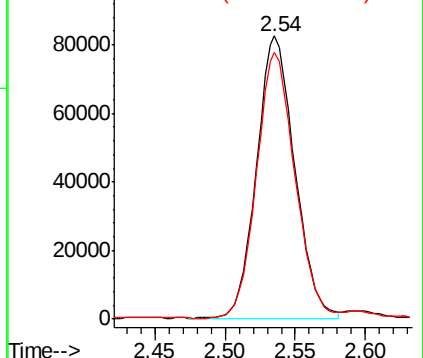
94 100

96 94.3 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.00 ug/l

RT: 2.69 min Scan# 284

Delta R.T. -0.01 min

Lab File: VN051807.D

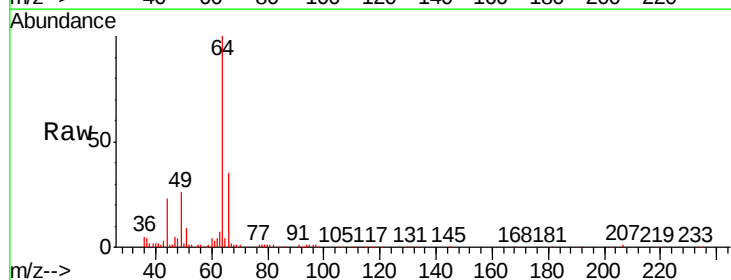
Acq: 11 Oct 2018 10:32

Tgt Ion: 64 Resp: 132884

Ion Ratio Lower Upper

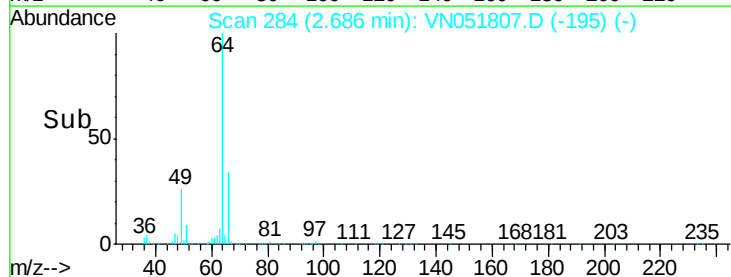
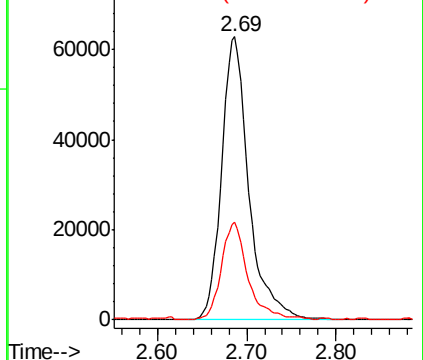
64 100

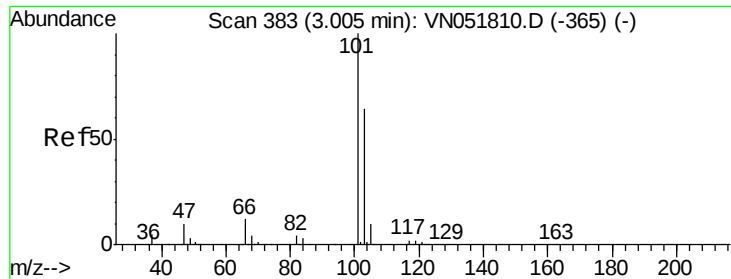
66 34.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



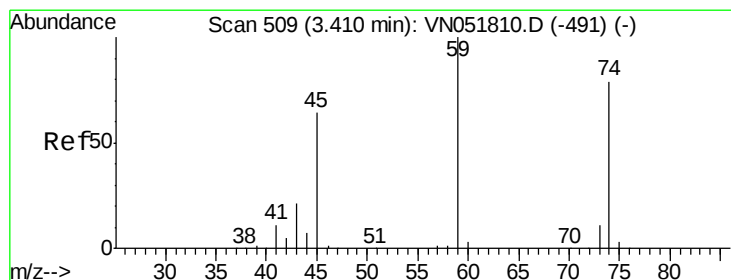
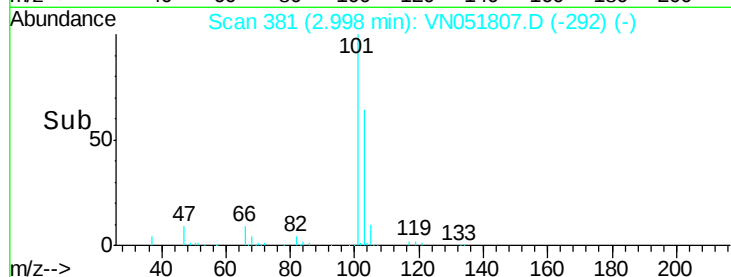
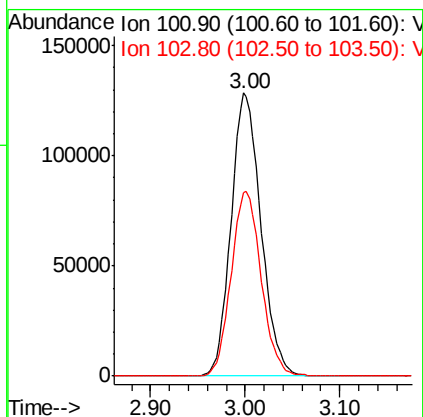
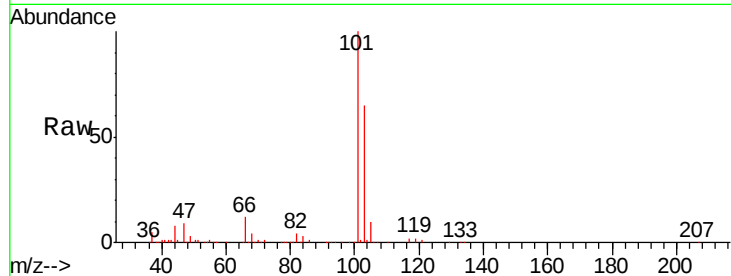


#7

Trichlorofluoromethane
 Concen: 16.28 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: VN051807.D
 Acq: 11 Oct 2018 10:32

Instrument :
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 VSTDIC150

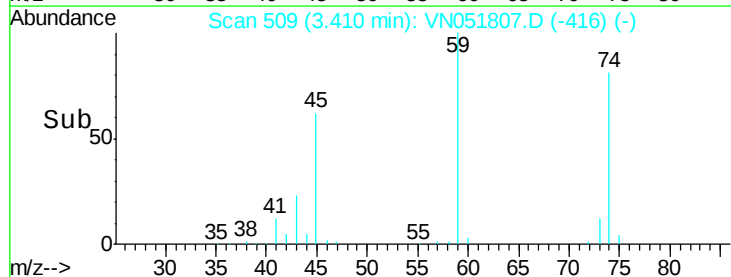
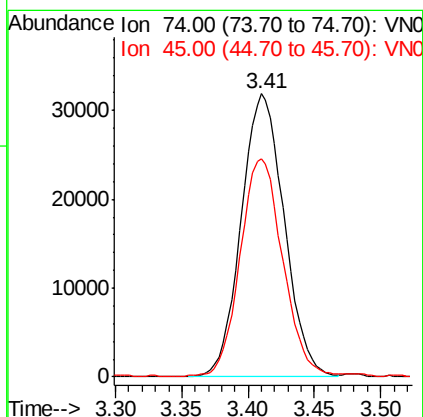
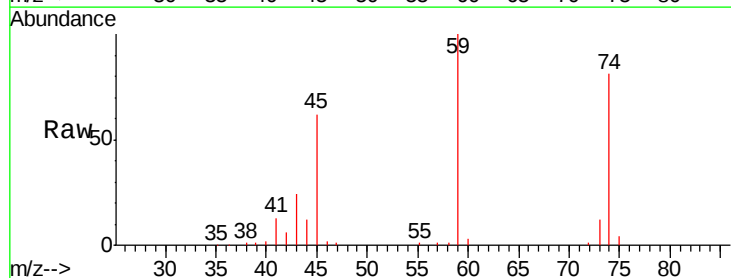
Tgt Ion: 101 Resp: 282099
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.6 77.4

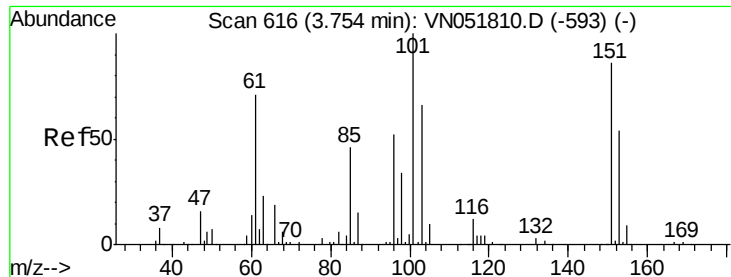


#8

Diethyl Ether
 Concen: 12.23 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN051807.D
 Acq: 11 Oct 2018 10:32

Tgt Ion: 74 Resp: 72069
 Ion Ratio Lower Upper
 74 100
 45 76.9 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 12.57 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

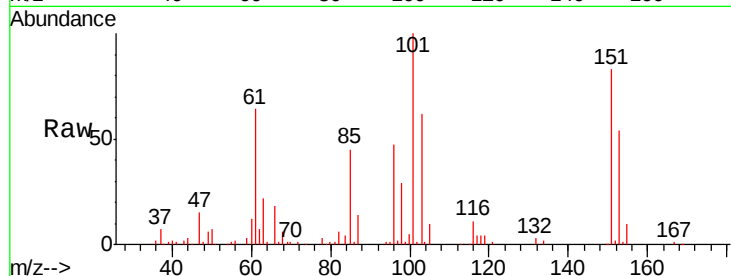
Tgt Ion:101 Resp: 136079

Ion Ratio Lower Upper

101 100

85 44.2 33.7 50.5

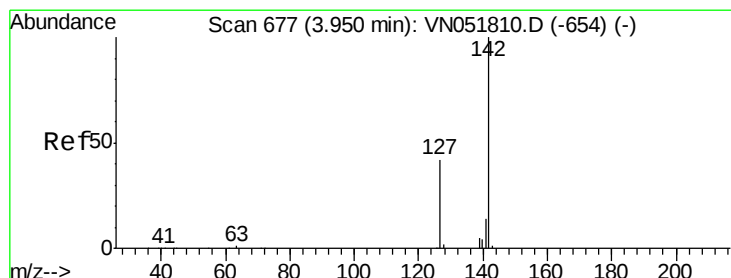
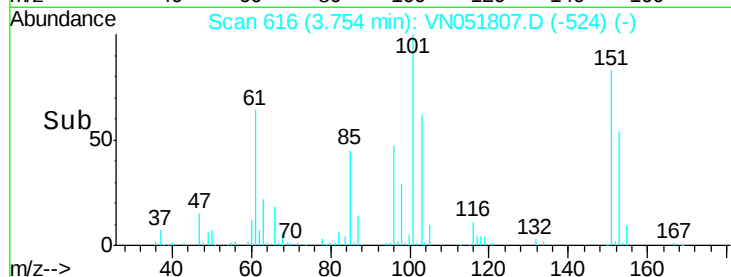
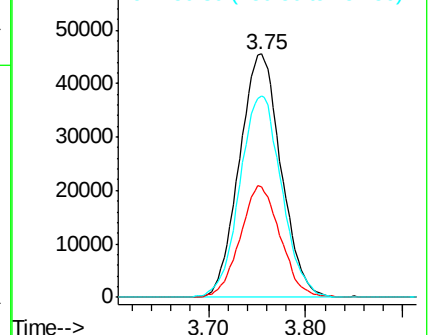
151 83.3 67.4 101.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.00 ug/l

RT: 3.95 min Scan# 676

Delta R.T. -0.01 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

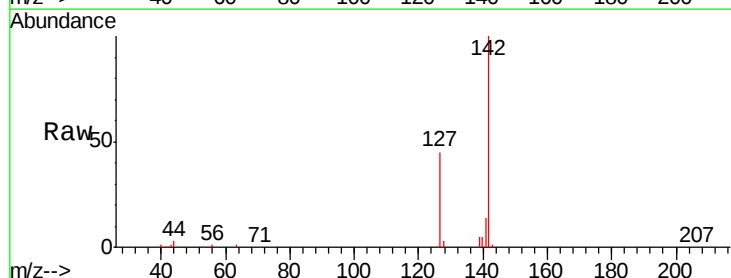
Tgt Ion:142 Resp: 171842

Ion Ratio Lower Upper

142 100

127 43.0 31.7 47.5

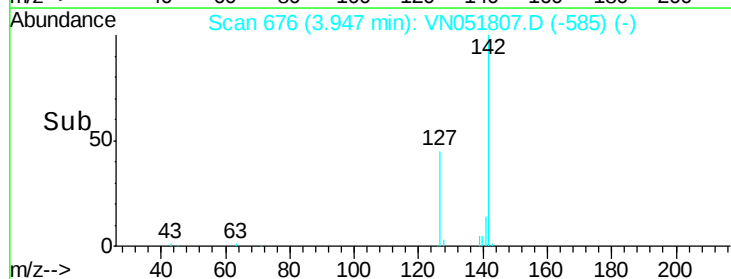
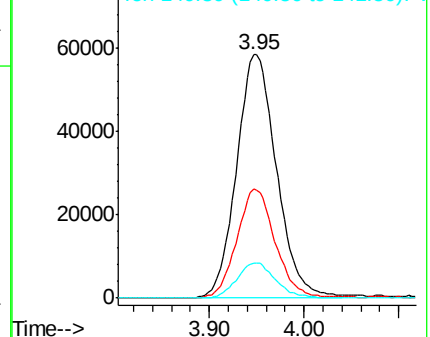
141 14.1 11.4 17.0

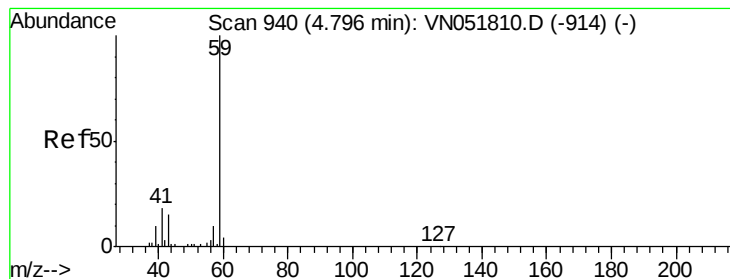


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 85.87 ug/l

RT: 4.80 min Scan# 942

Delta R.T. 0.01 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

Instrument :

MSVOA_N

ClientSampleId :

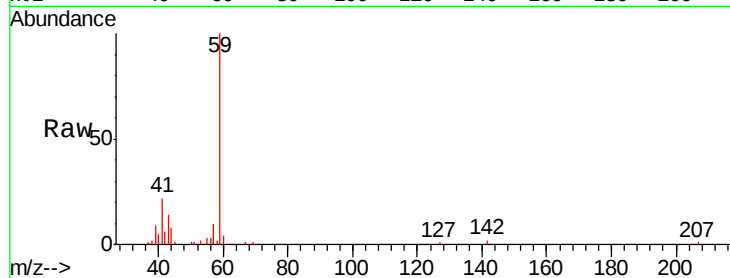
VSTDIC150

Tgt Ion: 59 Resp: 56959

Ion Ratio Lower Upper

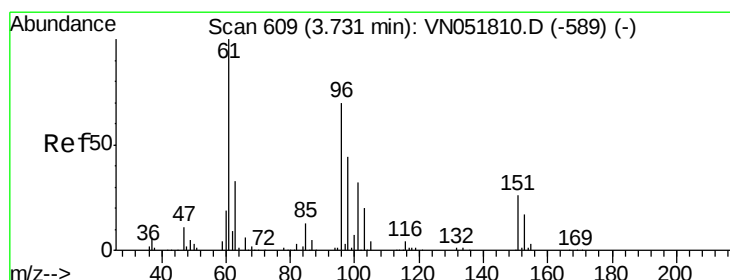
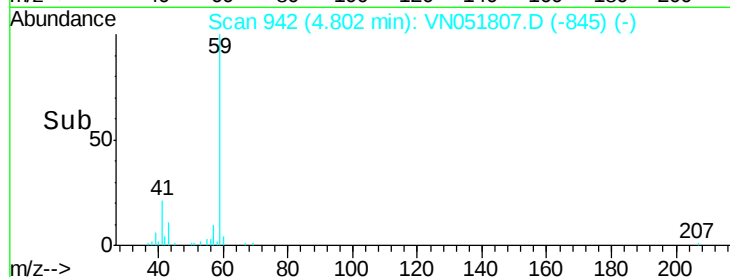
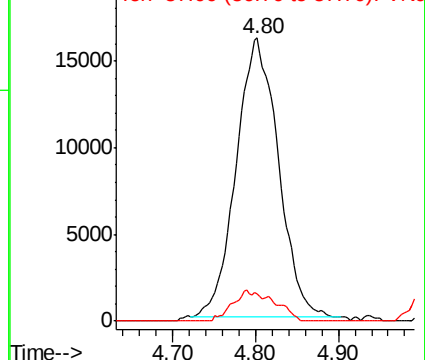
59 100

57 7.1 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 13.05 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

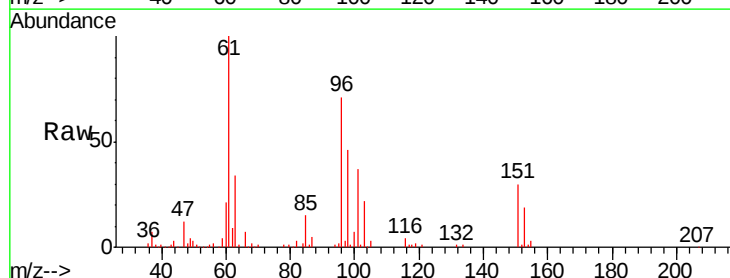
Tgt Ion: 96 Resp: 126794

Ion Ratio Lower Upper

96 100

61 141.5 124.9 187.3

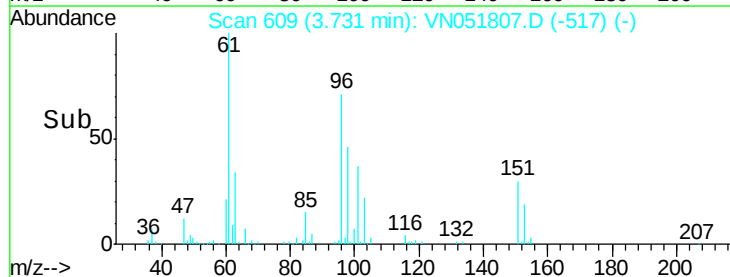
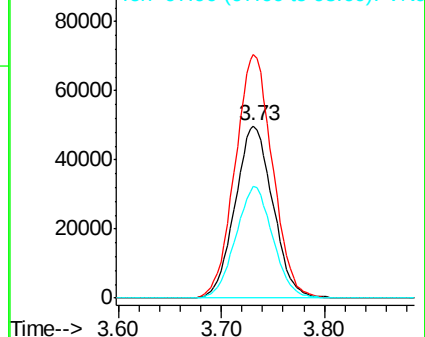
98 65.0 51.1 76.7

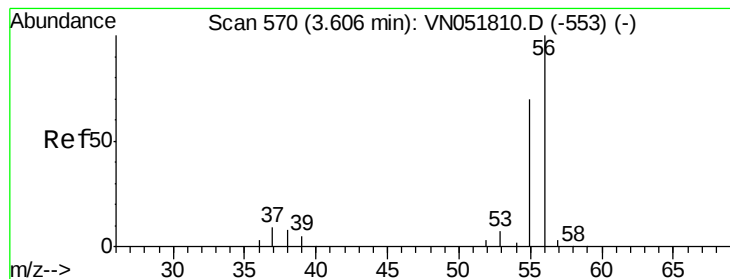


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 1446.02 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

Instrument :

MSVOA_N

ClientSampleId :

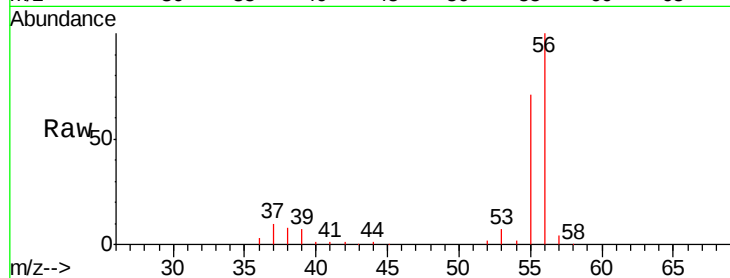
VSTDIC150

Tgt Ion: 56 Resp: 523933

Ion Ratio Lower Upper

56 100

55 71.8 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VN051810.D (-553) (-)

Ion 55.00 (54.70 to 55.70): VN051810.D (-553) (-)

250000

200000

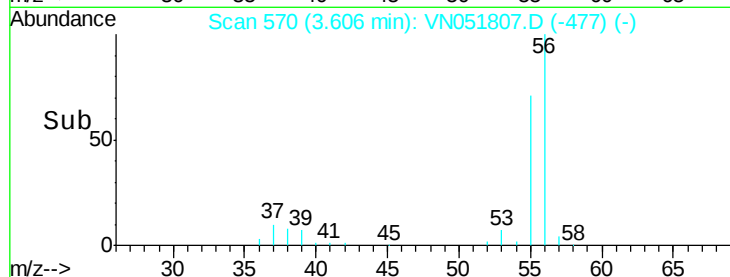
150000

100000

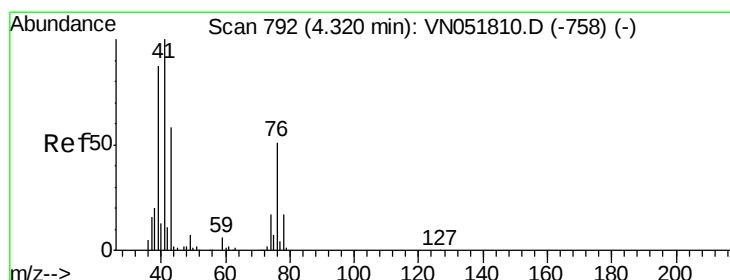
50000

0

Time-->



Time-->



#14

Allyl chloride

Concen: 10.31 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

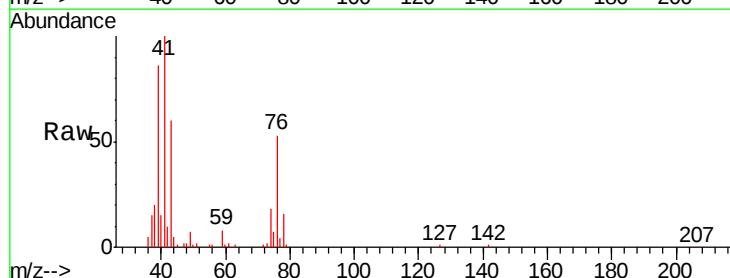
Tgt Ion: 41 Resp: 156143

Ion Ratio Lower Upper

41 100

39 81.8 50.2 75.2#

76 48.1 29.8 44.8#



Abundance Ion 41.00 (40.70 to 41.70): VN051810.D (-758) (-)

Ion 39.00 (38.70 to 39.70): VN051810.D (-758) (-)

Ion 75.90 (75.60 to 76.60): VN051810.D (-758) (-)

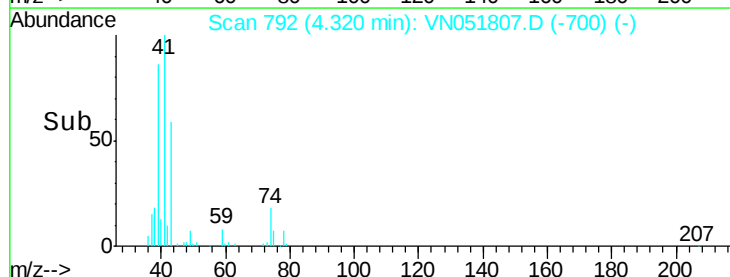
60000

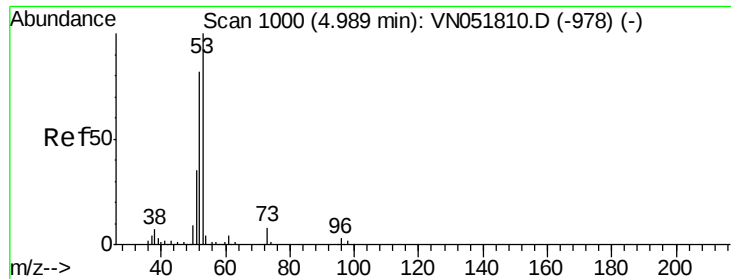
40000

20000

0

Time-->

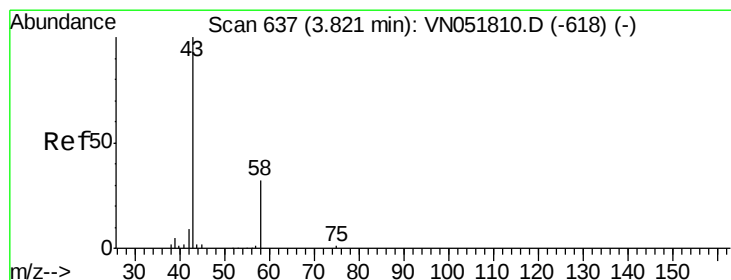
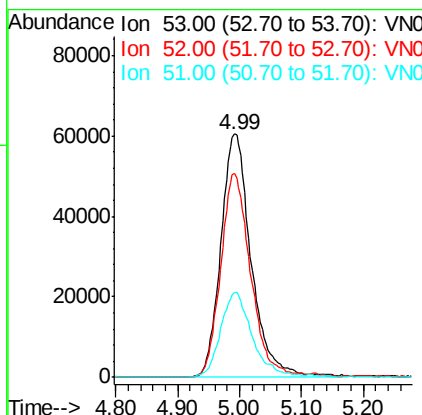
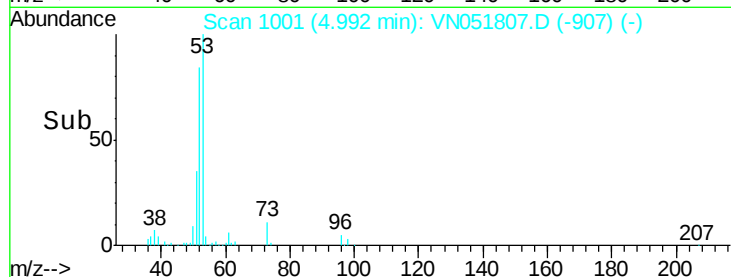
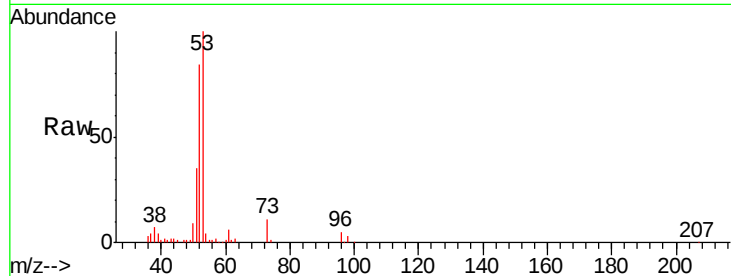




#15
 Acrylonitrile
 Concen: 61.21 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN051807.D
 Acq: 11 Oct 2018 10:32

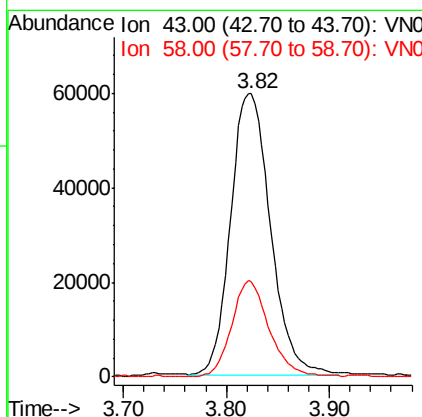
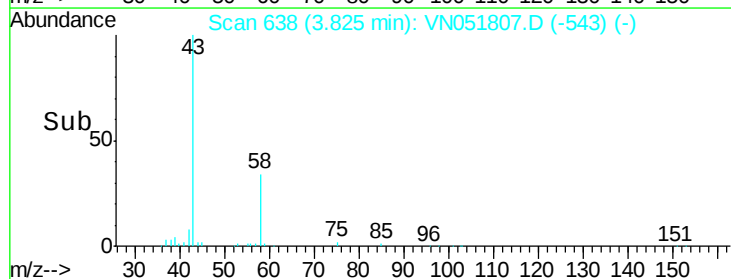
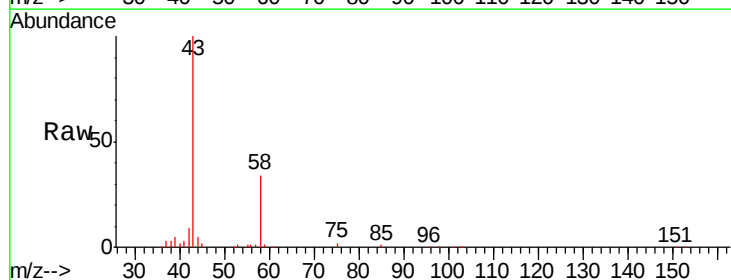
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

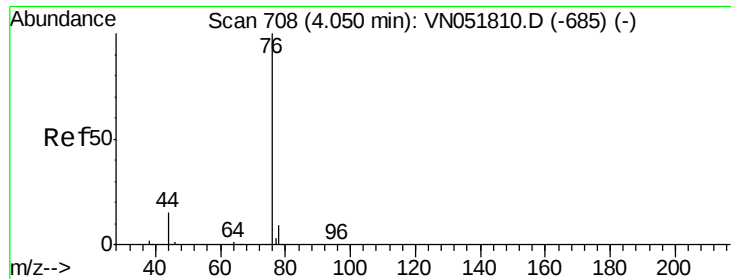
Tgt Ion: 53 Resp: 206339
 Ion Ratio Lower Upper
 53 100
 52 82.7 65.9 98.9
 51 36.4 28.6 43.0



#16
 Acetone
 Concen: 56.68 ug/l
 RT: 3.82 min Scan# 638
 Delta R.T. 0.01 min
 Lab File: VN051807.D
 Acq: 11 Oct 2018 10:32

Tgt Ion: 43 Resp: 159548
 Ion Ratio Lower Upper
 43 100
 58 33.9 27.2 40.8





#17

Carbon Disulfide

Concen: 10.09 ug/l

RT: 4.05 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

Instrument :

MSVOA_N

ClientSampled :

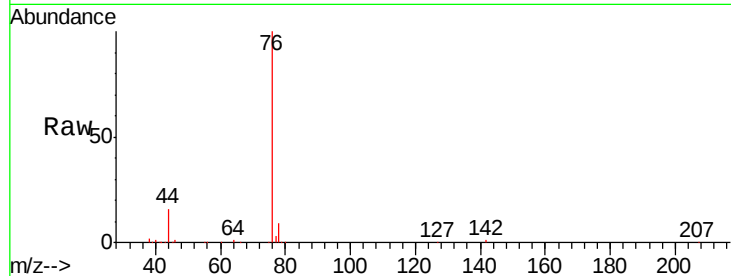
VSTDIC150

Tgt Ion: 76 Resp: 328762

Ion Ratio Lower Upper

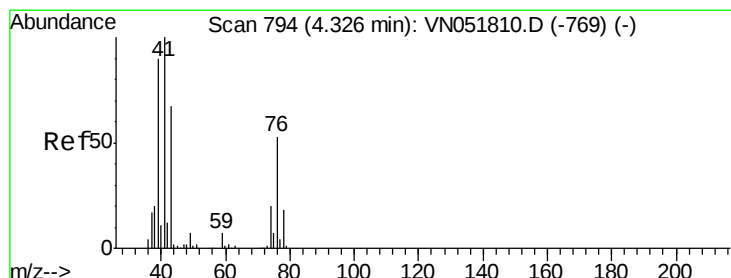
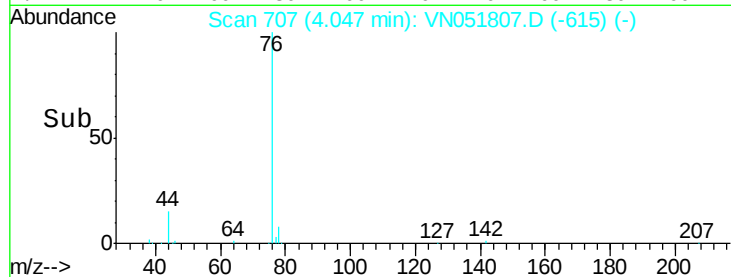
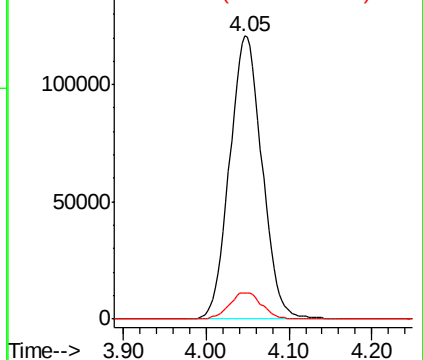
76 100

78 9.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 10.17 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN051807.D

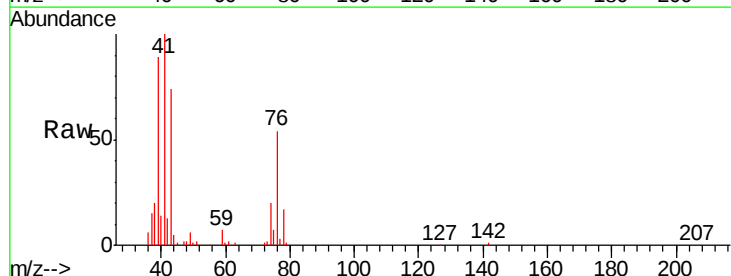
Acq: 11 Oct 2018 10:32

Tgt Ion: 43 Resp: 100041

Ion Ratio Lower Upper

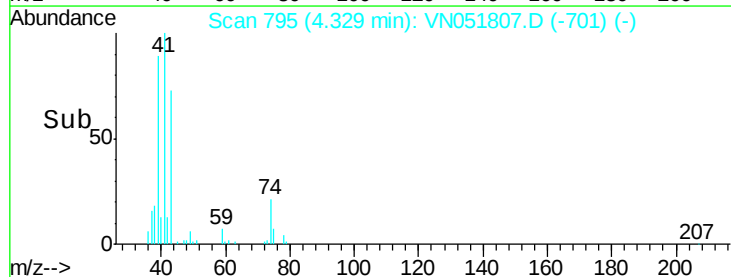
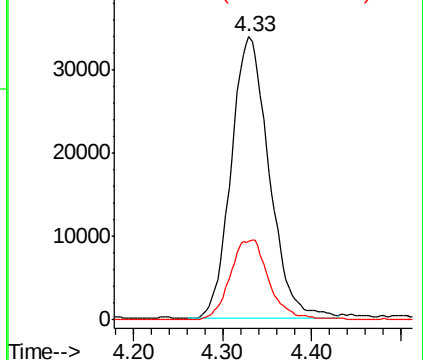
43 100

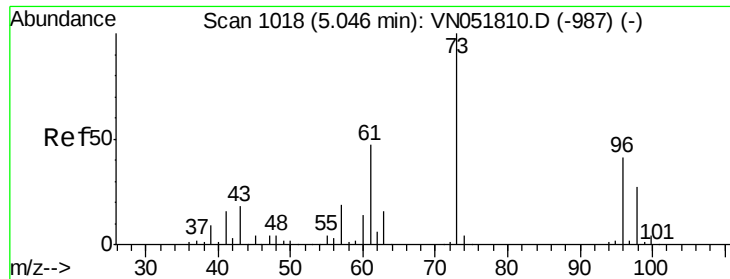
74 28.9 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

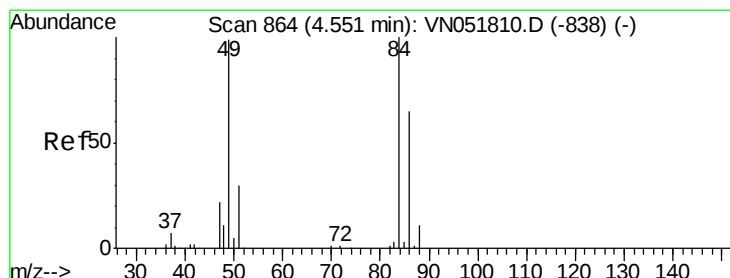
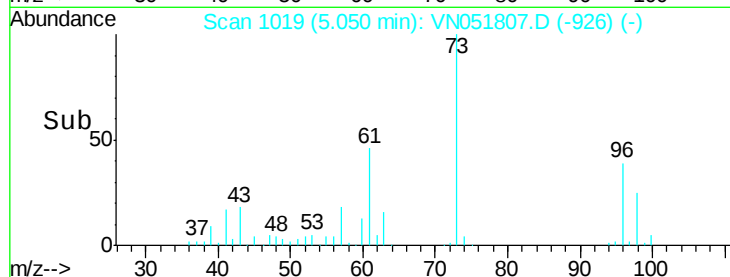
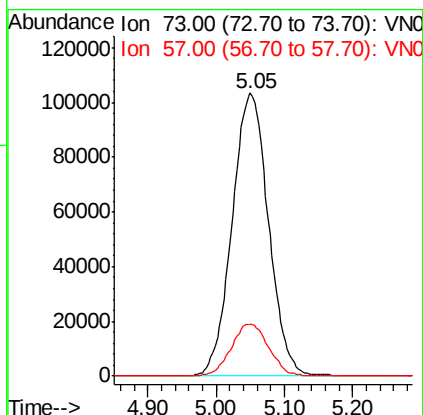
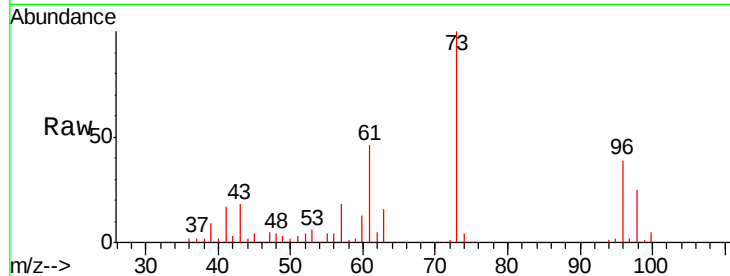




#19
Methyl tert-butyl Ether
Concen: 15.67 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VN051807.D
Acq: 11 Oct 2018 10:32

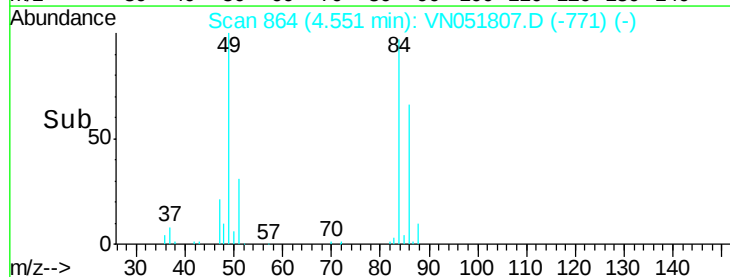
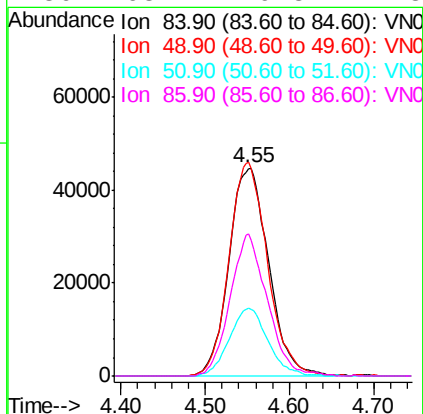
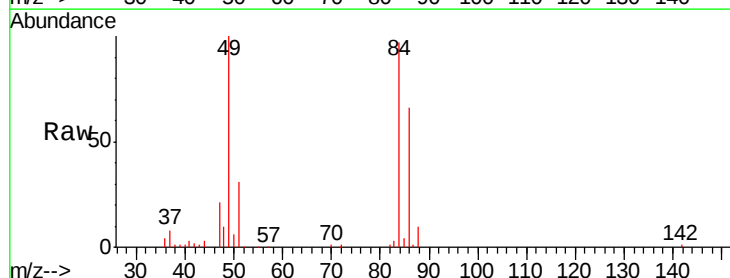
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

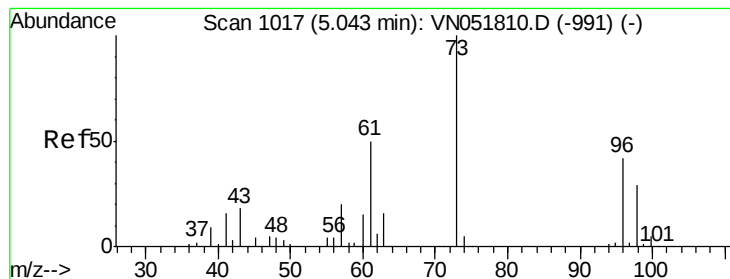
Tgt Ion: 73 Resp: 383054
Ion Ratio Lower Upper
73 100
57 18.3 17.8 26.8



#20
Methylene Chloride
Concen: 12.50 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051807.D
Acq: 11 Oct 2018 10:32

Tgt Ion: 84 Resp: 146747
Ion Ratio Lower Upper
84 100
49 103.0 93.2 139.8
51 32.4 29.0 43.6
86 68.4 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 13.45 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

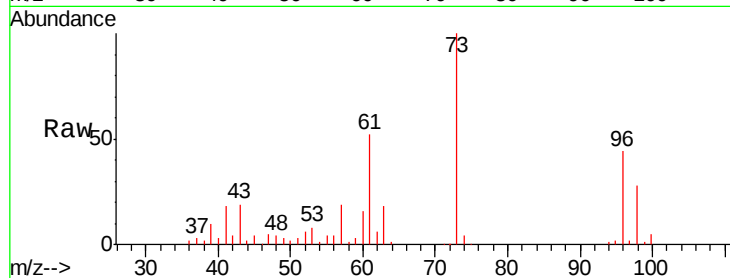
Tgt Ion: 96 Resp: 141382

Ion Ratio Lower Upper

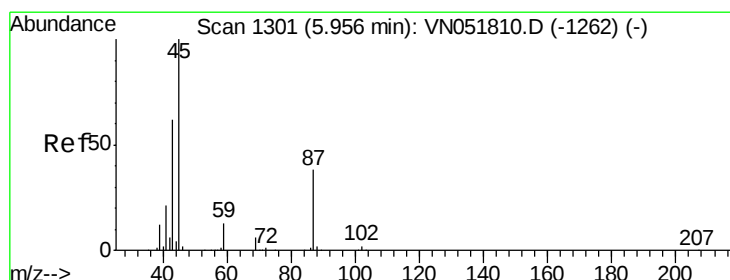
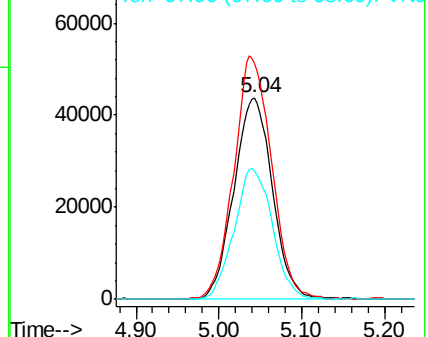
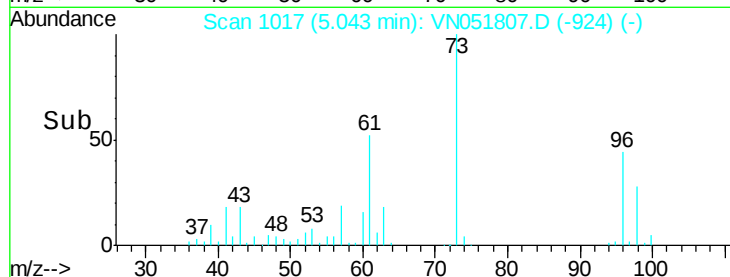
96 100

61 116.5 107.4 161.0

98 63.9 50.7 76.1



Abundance Ion 95.90 (95.60 to 96.60): VN051807.D (-924) (-)



#22

Diisopropyl ether

Concen: 11.03 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

Tgt Ion: 45 Resp: 332817

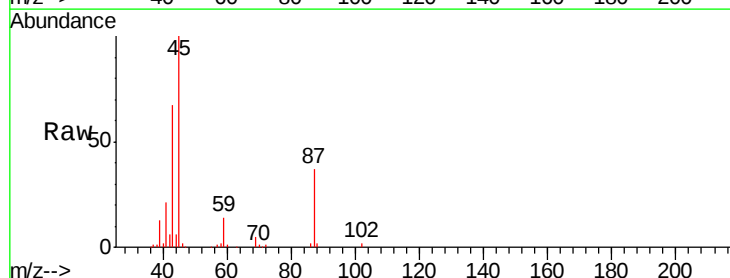
Ion Ratio Lower Upper

45 100

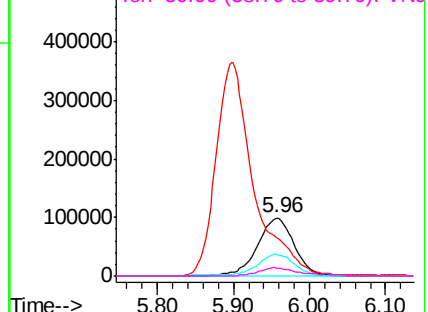
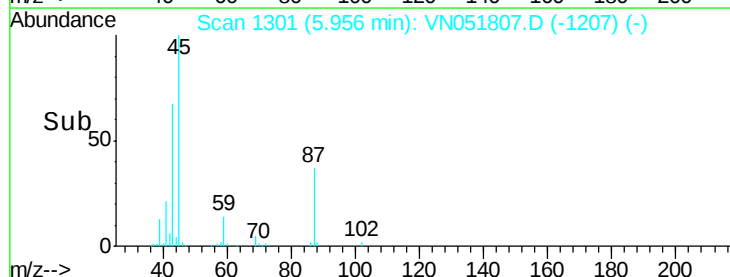
43 64.4 45.9 68.9

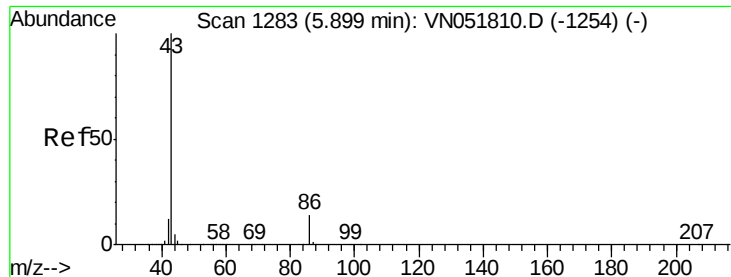
87 36.5 22.7 34.1#

59 13.7 9.3 13.9



Abundance Ion 45.00 (44.70 to 45.70): VN051807.D (-1207) (-)





#23

Vinyl Acetate

Concen: 64.62 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

Instrument :

MSVOA_N

ClientSampleId :

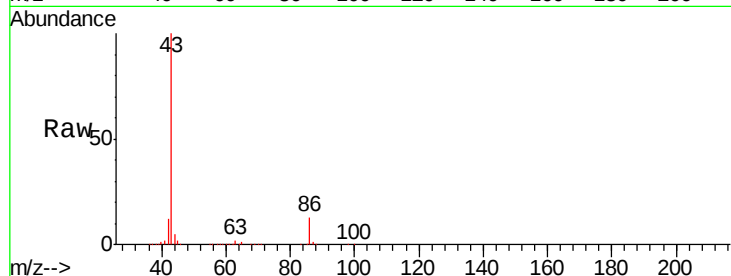
VSTDIC150

Tgt Ion: 43 Resp: 1255929

Ion Ratio Lower Upper

43 100

86 13.5 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VN051810.D (-1254) (-)

Ion 86.00 (85.70 to 86.70): VN051810.D (-1254) (-)

5.90

400000

300000

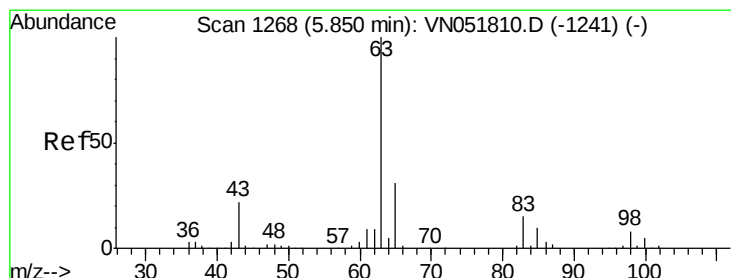
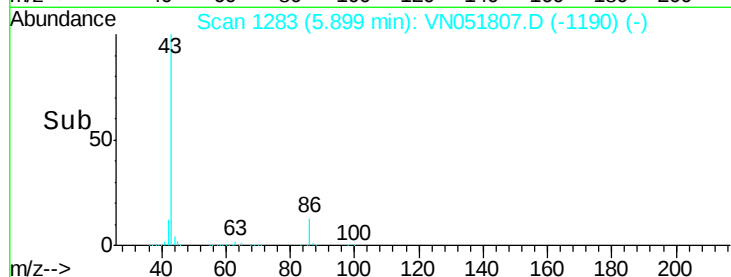
200000

100000

0

5.80 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 12.03 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

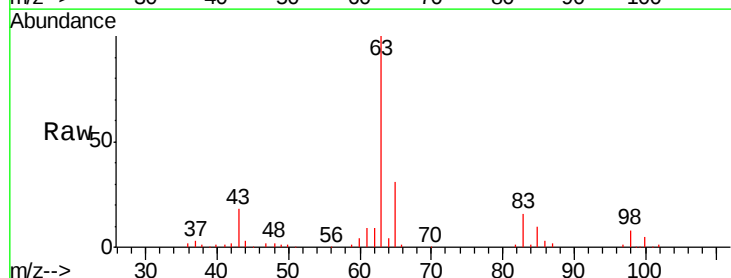
Tgt Ion: 63 Resp: 233105

Ion Ratio Lower Upper

63 100

98 7.9 3.3 9.8

100 4.7 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VN051810.D (-1241) (-)

Ion 97.90 (97.60 to 98.60): VN051810.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN051810.D (-1241) (-)

100000

80000

60000

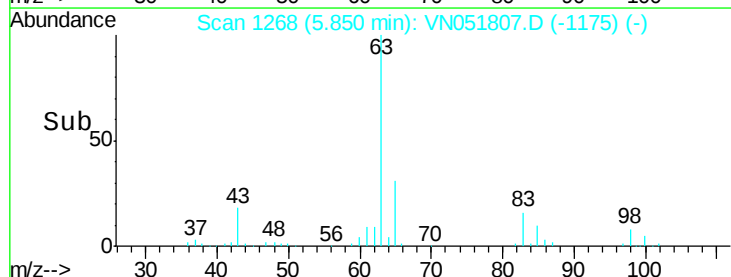
40000

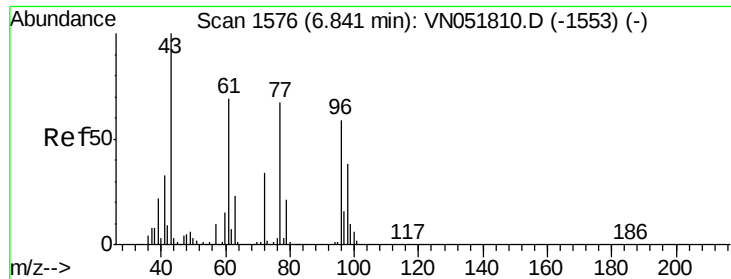
20000

0

5.70 5.80 5.90

Time-->

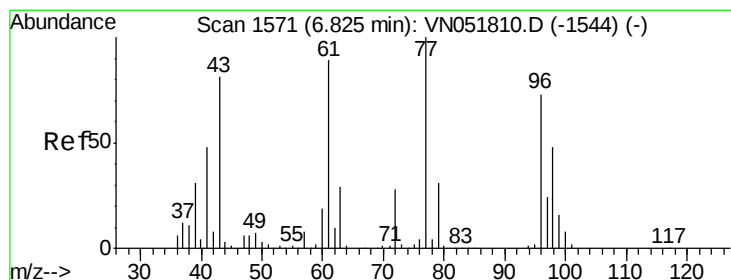
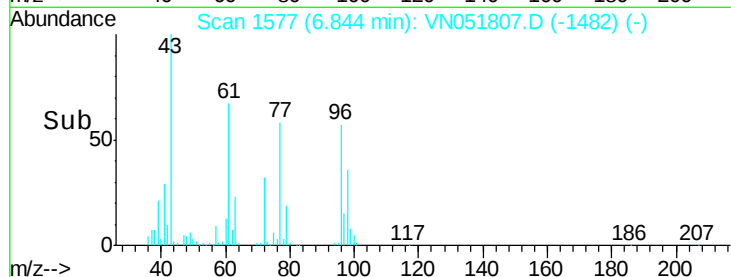
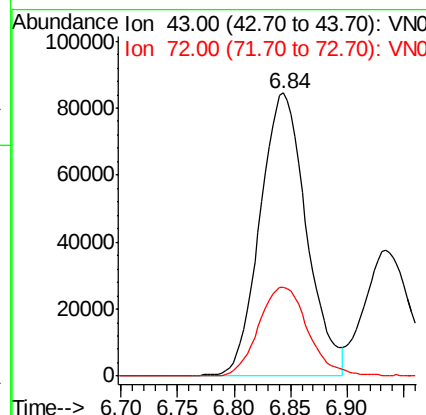
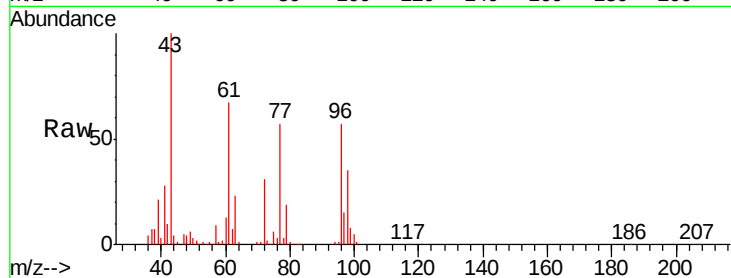




#25
2-Butanone
Concen: 57.05 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN051807.D
Acq: 11 Oct 2018 10:32

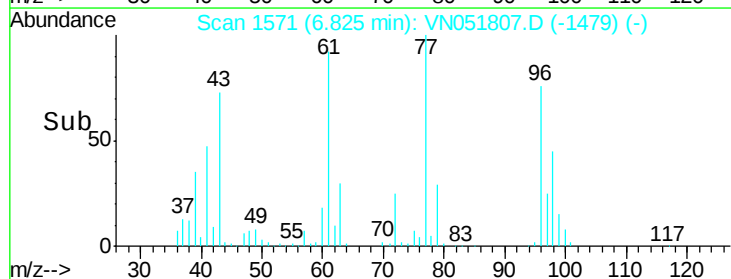
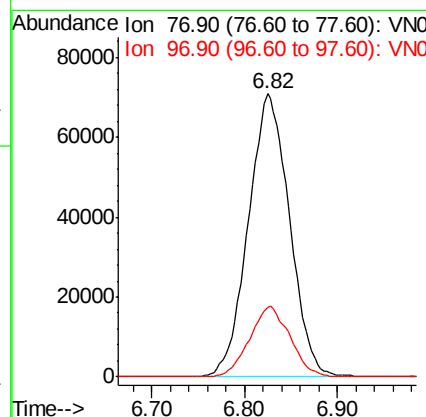
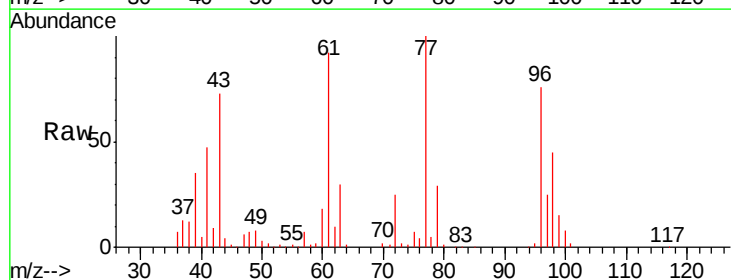
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

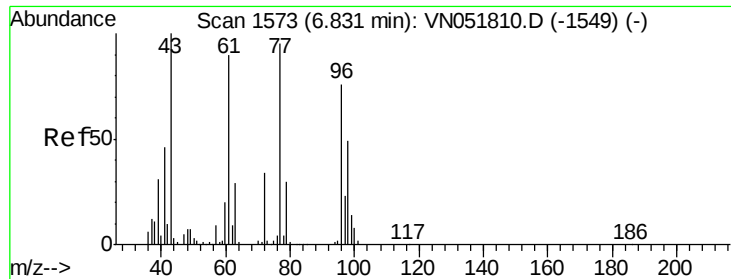
Tgt Ion: 43 Resp: 239477
Ion Ratio Lower Upper
43 100
72 31.6 22.3 33.5



#26
2,2-Dichloropropane
Concen: 14.05 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN051807.D
Acq: 11 Oct 2018 10:32

Tgt Ion: 77 Resp: 218680
Ion Ratio Lower Upper
77 100
97 24.6 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 14.62 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

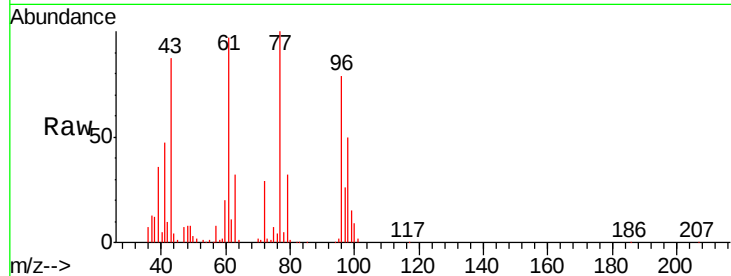
Tgt Ion: 96 Resp: 165664

Ion Ratio Lower Upper

96 100

61 123.3 0.0 283.4

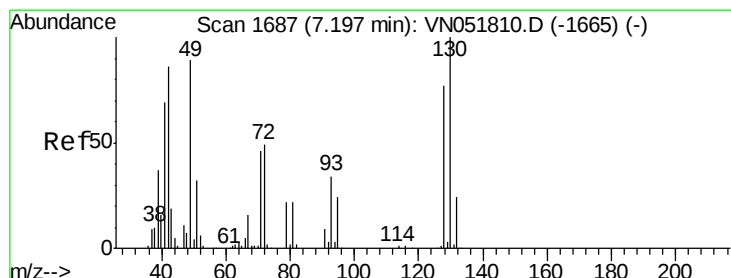
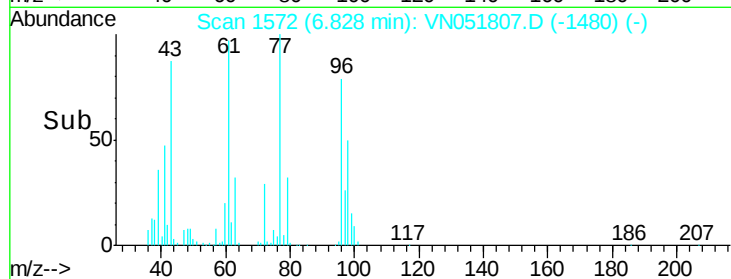
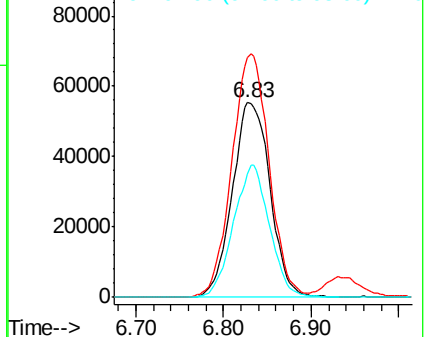
98 64.6 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN051810.D (-1549) (-)

Ion 60.90 (60.60 to 61.60): VN051810.D (-1549) (-)

Ion 97.90 (97.60 to 98.60): VN051810.D (-1549) (-)



#28

Bromochloromethane

Concen: 93.87 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

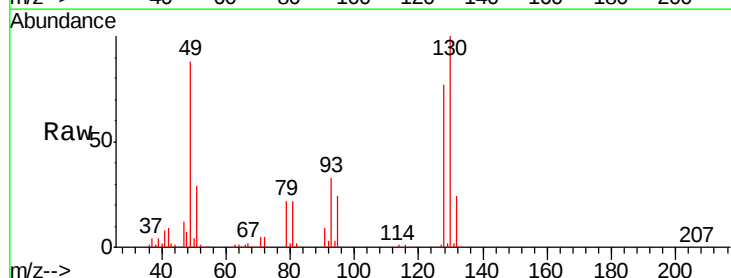
Tgt Ion: 49 Resp: 772841

Ion Ratio Lower Upper

49 100

129 3.0 0.0 4.2

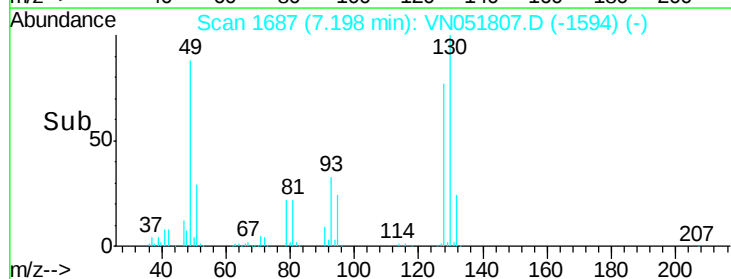
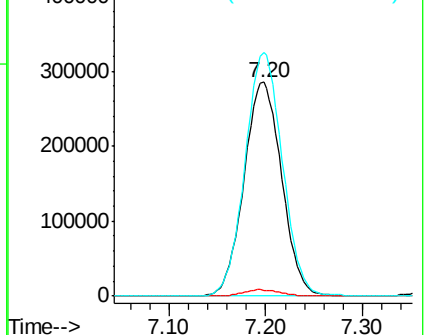
130 113.0 67.1 100.7#

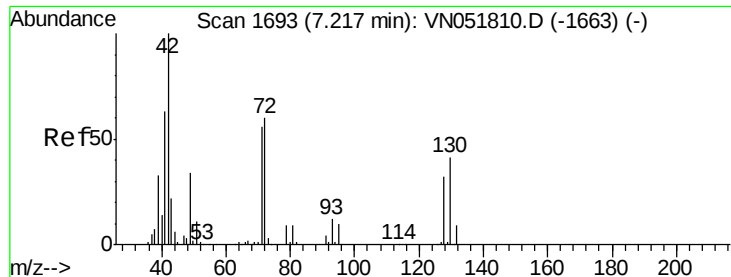


Abundance Ion 48.90 (48.60 to 49.60): VN051810.D (-1665) (-)

Ion 128.80 (128.50 to 129.50): VN051810.D (-1665) (-)

Ion 129.80 (129.50 to 130.50): VN051810.D (-1665) (-)

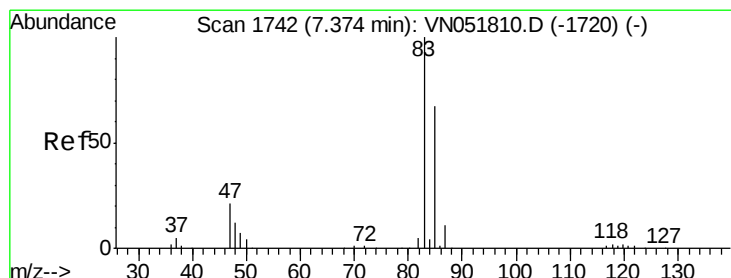
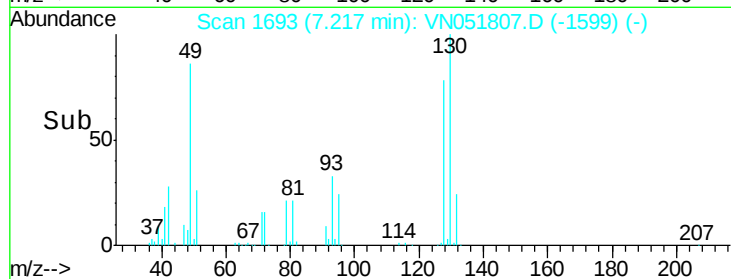
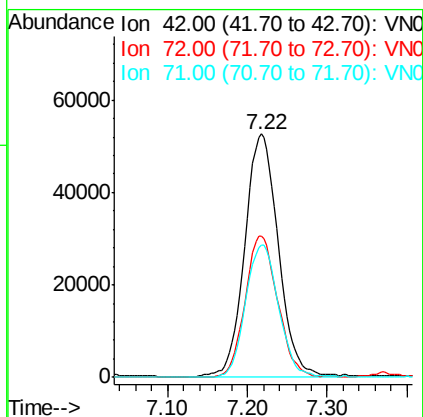
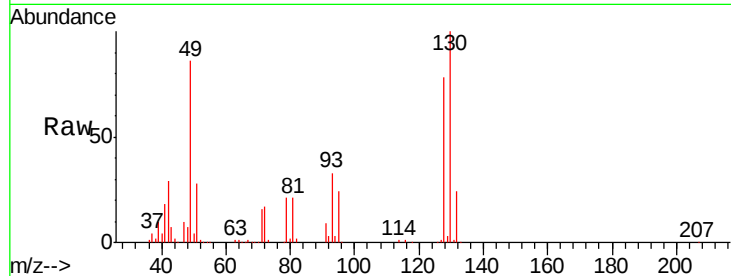




#29
Tetrahydrofuran
Concen: 62.55 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN051807.D
Acq: 11 Oct 2018 10:32

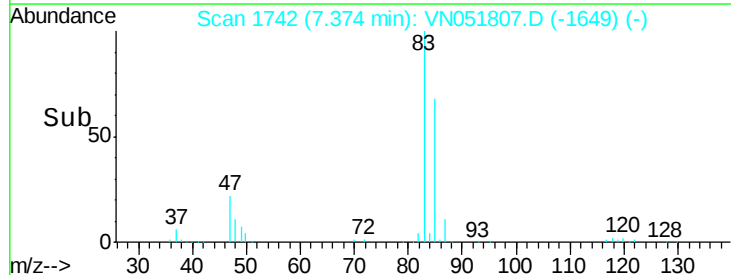
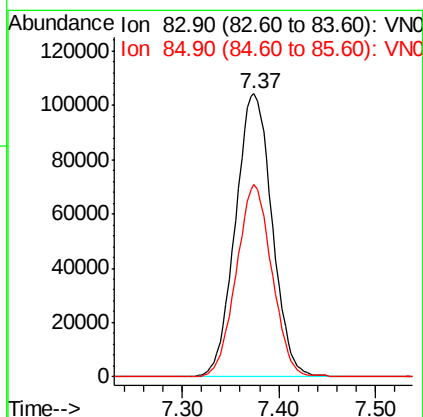
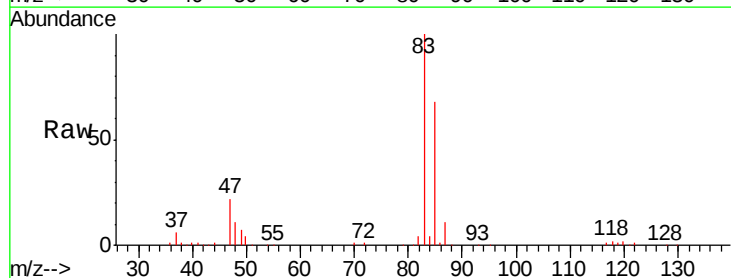
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

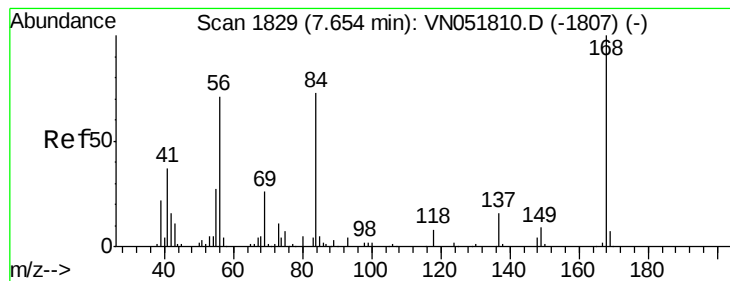
Tgt Ion: 42 Resp: 150541
Ion Ratio Lower Upper
42 100
72 55.7 35.5 53.3#
71 53.2 33.7 50.5#



#30
Chloroform
Concen: 14.30 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051807.D
Acq: 11 Oct 2018 10:32

Tgt Ion: 83 Resp: 274387
Ion Ratio Lower Upper
83 100
85 67.9 52.2 78.4





#31

Cyclohexane

Concen: 10.83 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

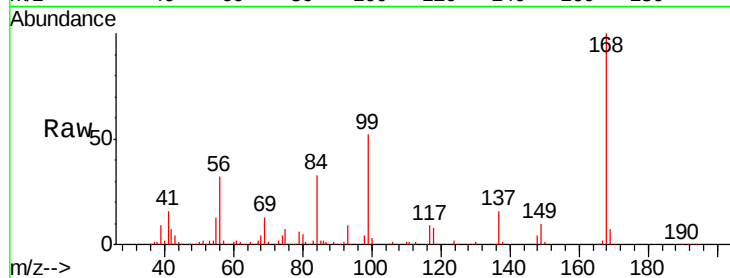
Tgt Ion: 56 Resp: 208536

Ion Ratio Lower Upper

56 100

69 42.0 26.2 39.4#

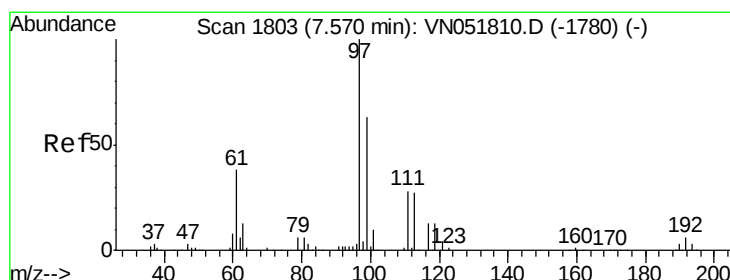
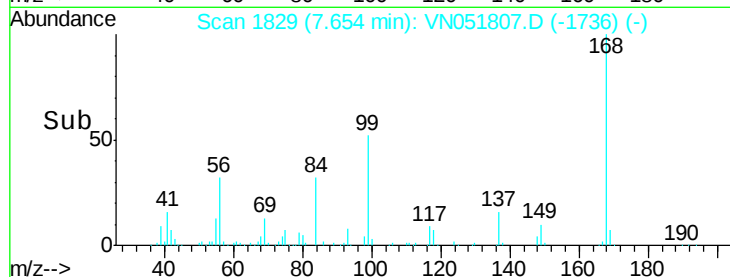
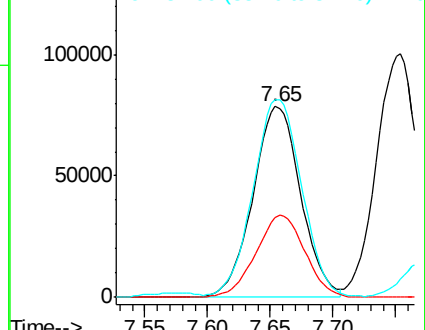
84 101.7 68.3 102.5



Abundance Ion 56.00 (55.70 to 56.70): VN051807.D (-1736) (-)

Ion 69.00 (68.70 to 69.70): VN051807.D (-1736) (-)

Ion 84.00 (83.70 to 84.70): VN051807.D (-1736) (-)



#32

1,1,1-Trichloroethane

Concen: 15.78 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

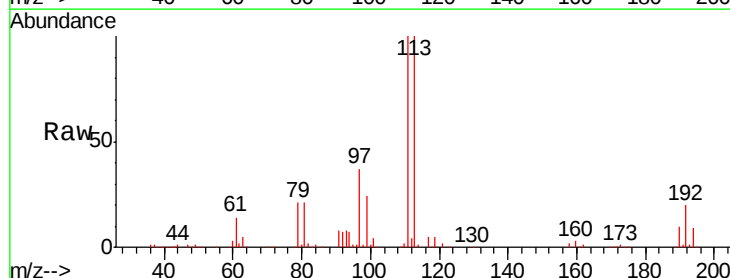
Tgt Ion: 97 Resp: 260014

Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.6

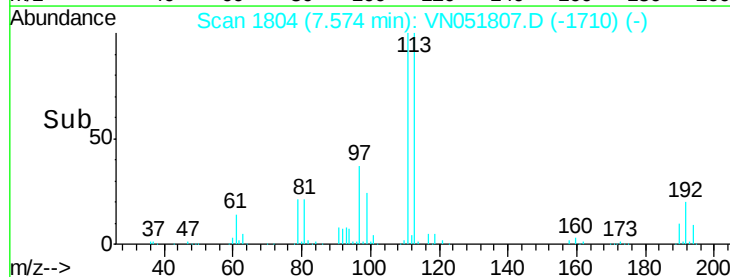
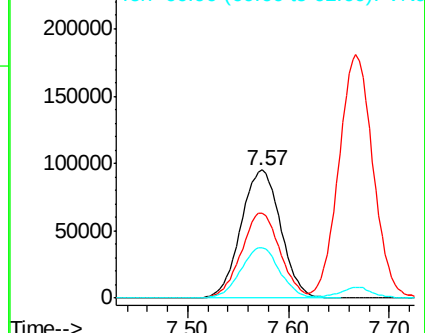
61 38.7 34.9 52.3

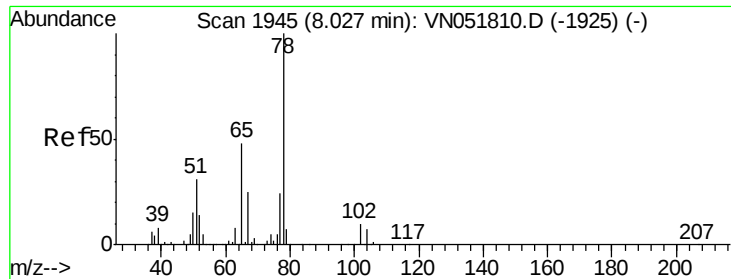


Abundance Ion 96.90 (96.60 to 97.60): VN051807.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN051807.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN051807.D (-1710) (-)

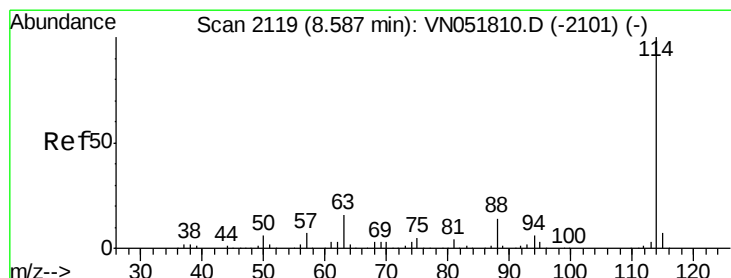
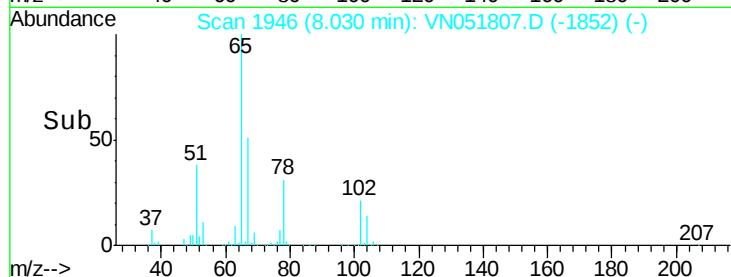
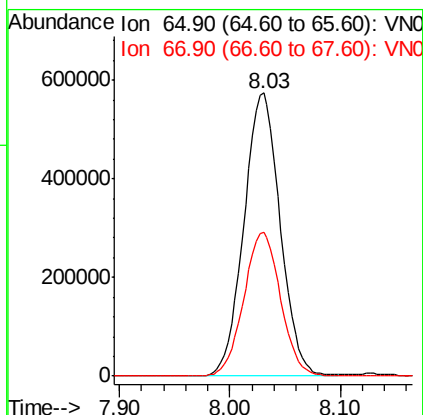
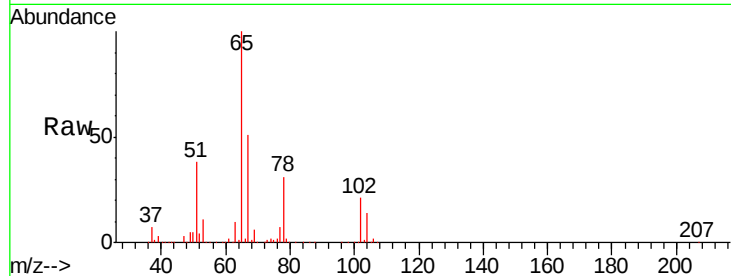




#33
 1,2-Dichloroethane-d4
 Concen: 15.78 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051807.D
 Acq: 11 Oct 2018 10:32

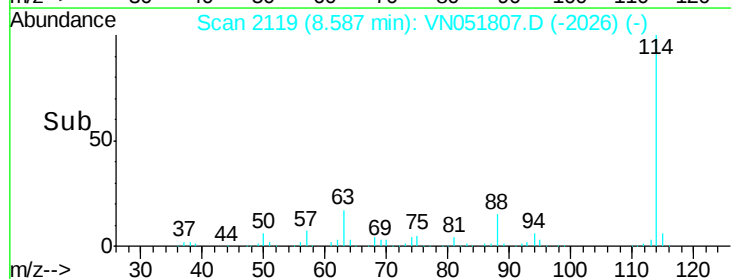
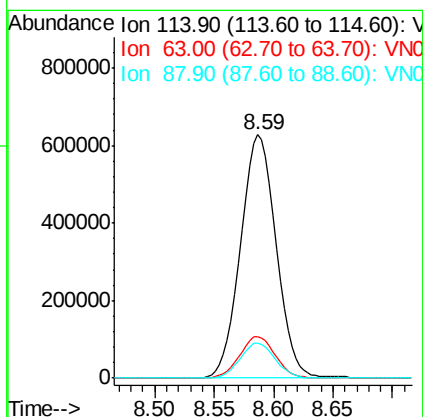
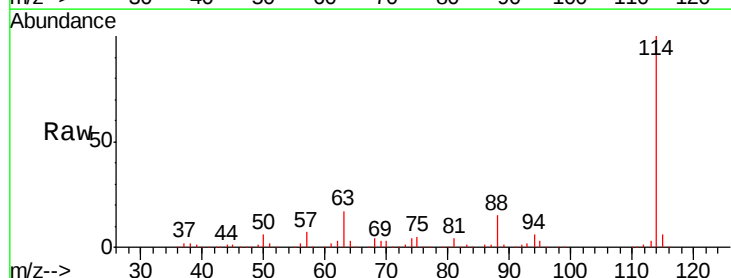
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

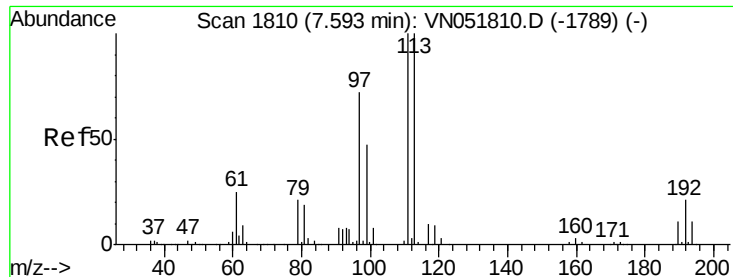
Tgt Ion: 65 Resp: 1306670
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051807.D
 Acq: 11 Oct 2018 10:32

Tgt Ion: 114 Resp: 1301761
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 38.6
 88 14.5 0.0 30.6

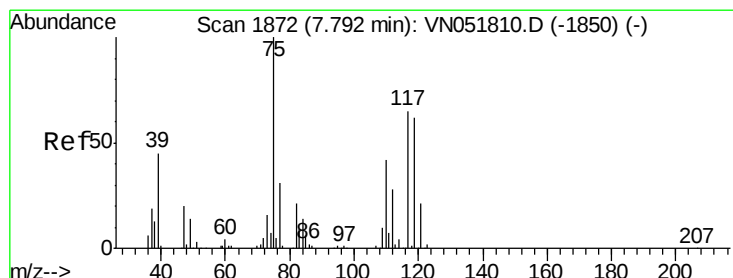
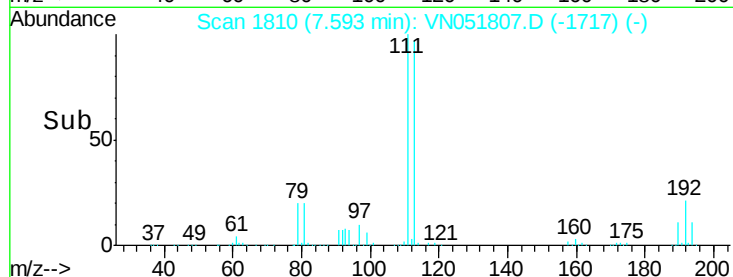
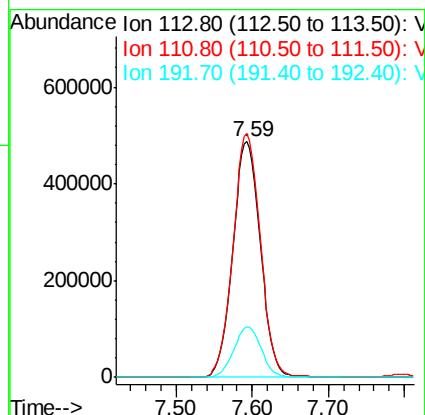
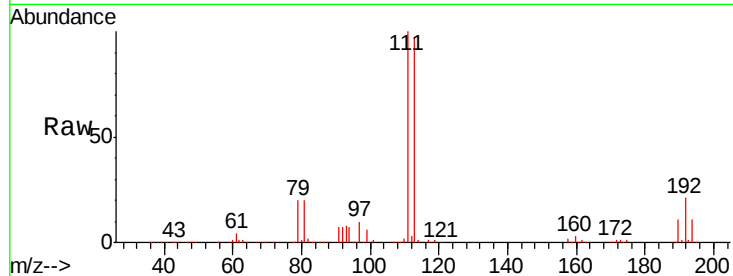




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051807.D
 Acq: 11 Oct 2018 10:32

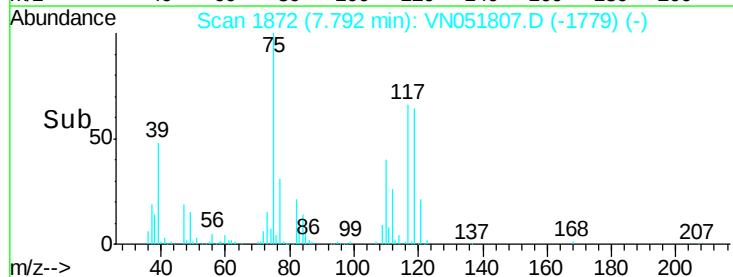
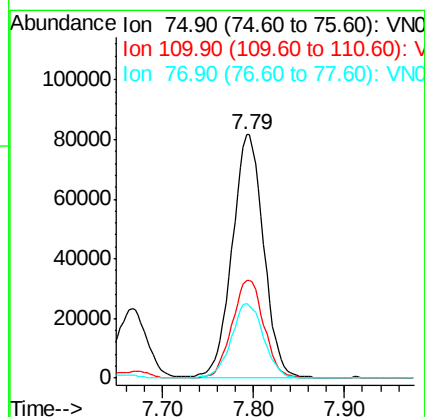
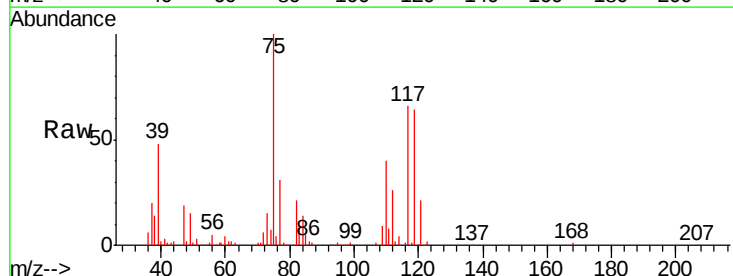
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

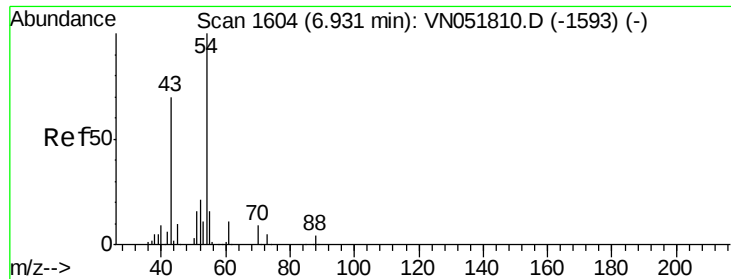
Tgt Ion: 113 Resp: 1231364
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.6 123.8
 192 21.3 18.0 27.0



#36
 1,1-Dichloropropene
 Concen: 12.81 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051807.D
 Acq: 11 Oct 2018 10:32

Tgt Ion: 75 Resp: 196720
 Ion Ratio Lower Upper
 75 100
 110 40.6 18.1 54.4
 77 31.4 24.8 37.2

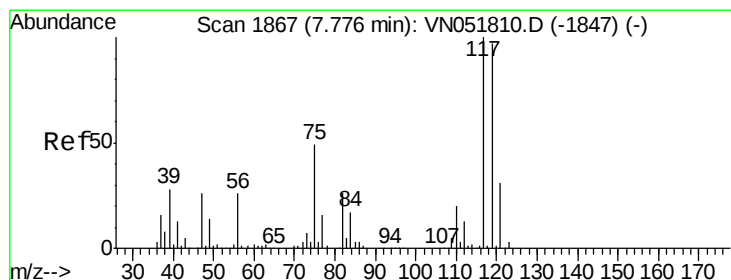
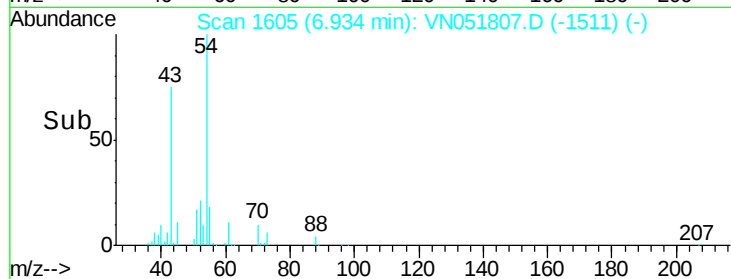
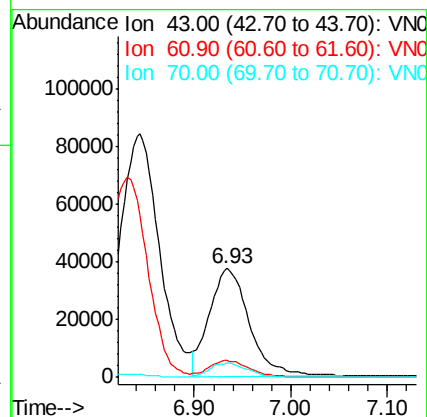
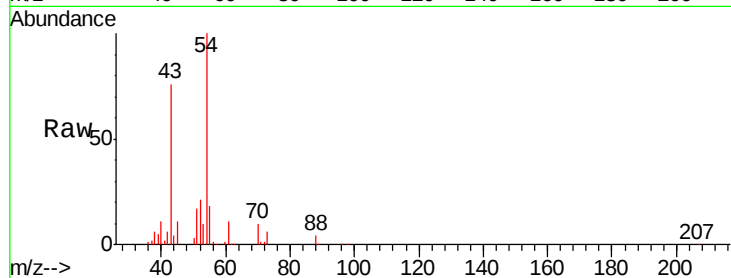




#37
Ethyl Acetate
Concen: 12.15 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN051807.D
Acq: 11 Oct 2018 10:32

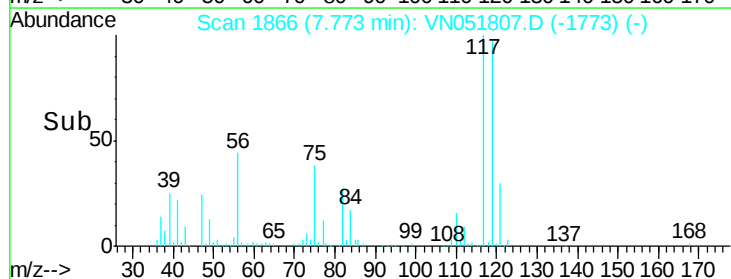
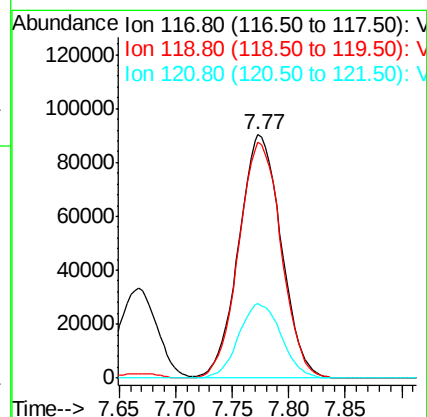
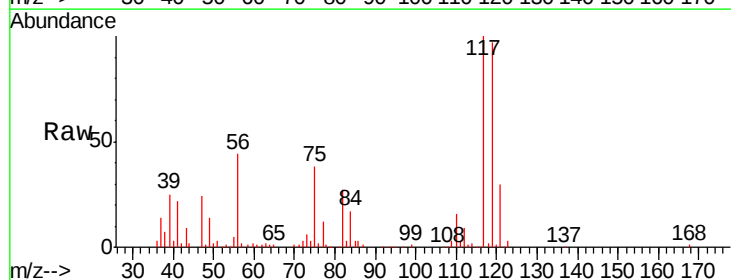
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

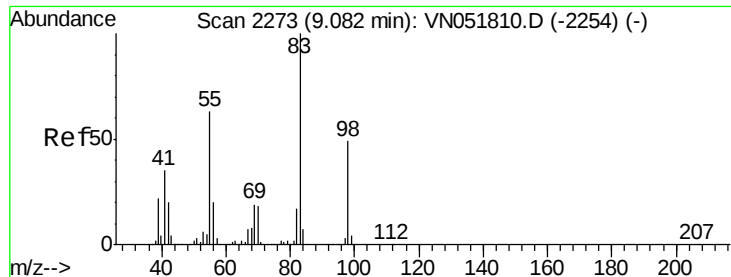
Tgt Ion: 43 Resp: 107195
Ion Ratio Lower Upper
43 100
61 14.5 12.0 18.0
70 12.8 8.6 13.0



#38
Carbon Tetrachloride
Concen: 15.08 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051807.D
Acq: 11 Oct 2018 10:32

Tgt Ion: 117 Resp: 234216
Ion Ratio Lower Upper
117 100
119 96.7 76.3 114.5
121 30.5 24.6 36.8

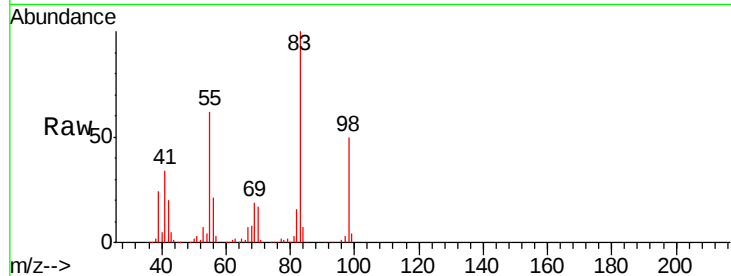




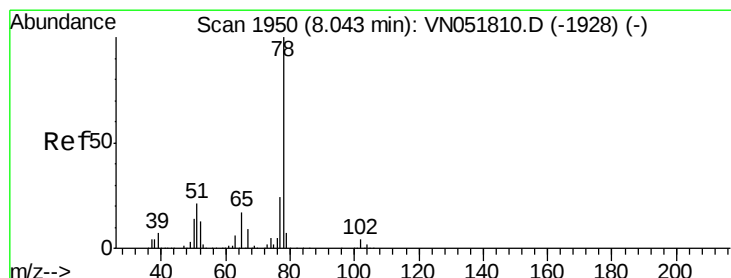
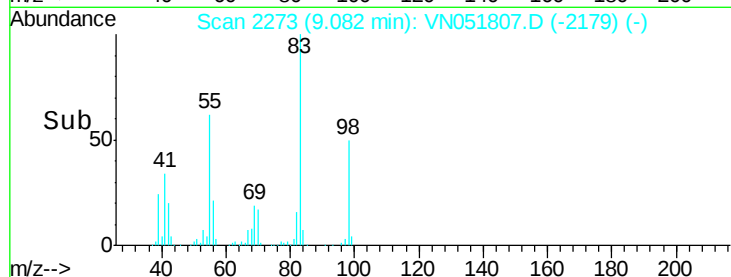
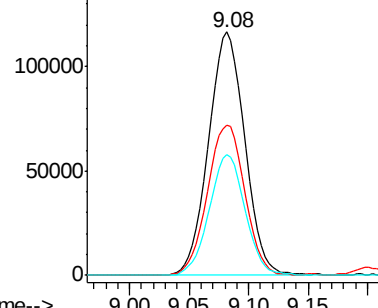
#39
Methylcyclohexane
Concen: 14.86 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051807.D
Acq: 11 Oct 2018 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 246980
Ion Ratio Lower Upper
83 100
55 61.8 61.0 91.4
98 49.6 37.5 56.3

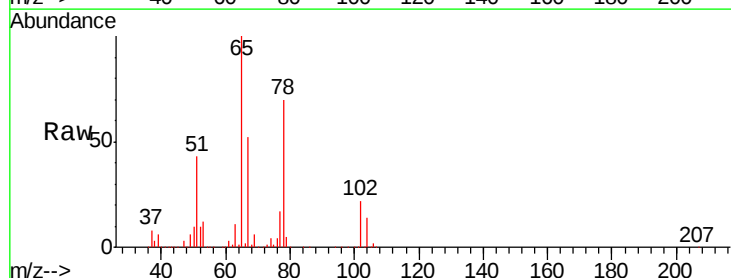


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

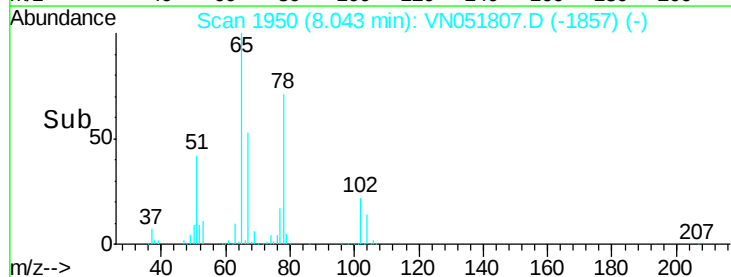
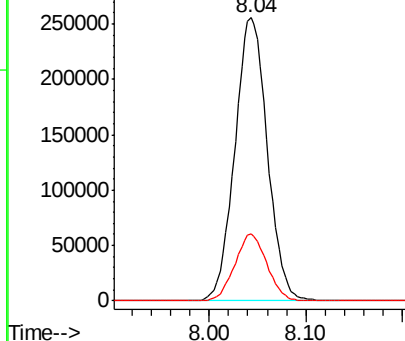


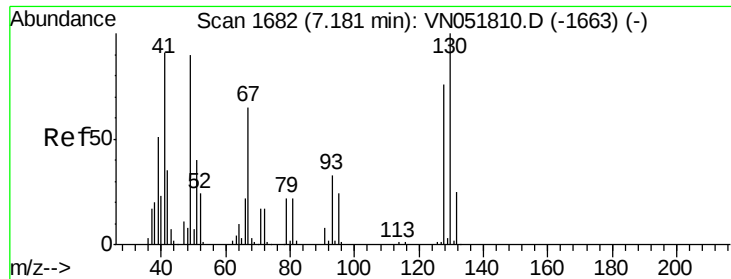
#40
Benzene
Concen: 12.88 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051807.D
Acq: 11 Oct 2018 10:32

Tgt Ion: 78 Resp: 596725
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4



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





#41

Methacrylonitrile

Concen: 11.22 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.01 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 53586

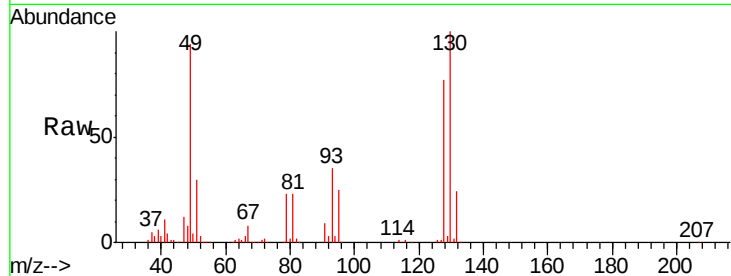
Ion Ratio Lower Upper

41 100

39 43.1 45.4 68.0#

67 100.0 70.6 106.0

52 44.7 27.1 40.7#

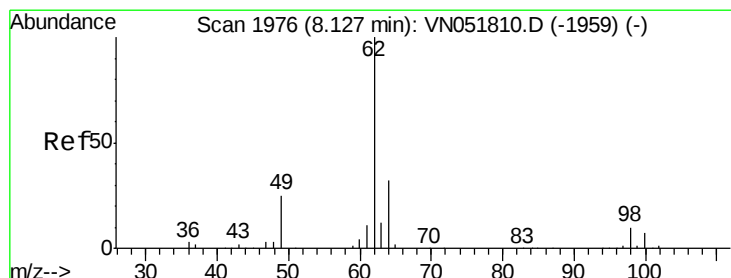
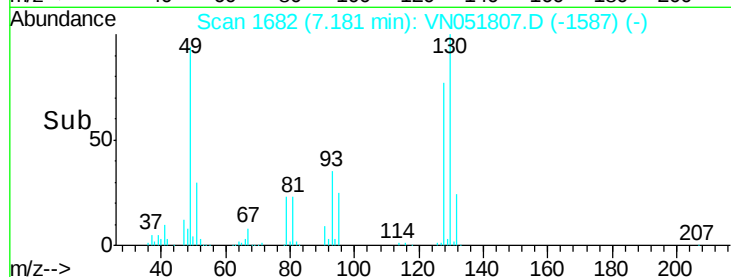
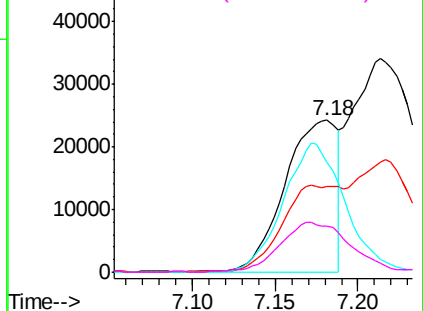


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 13.92 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN051807.D

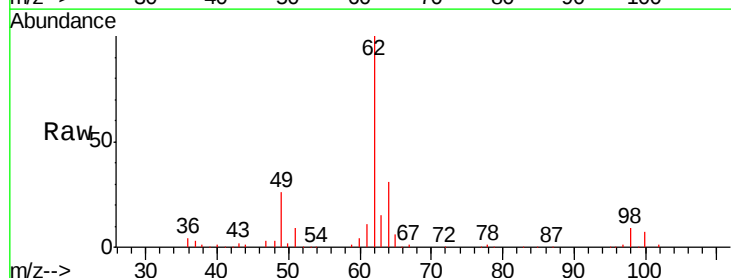
Acq: 11 Oct 2018 10:32

Tgt Ion: 62 Resp: 192773

Ion Ratio Lower Upper

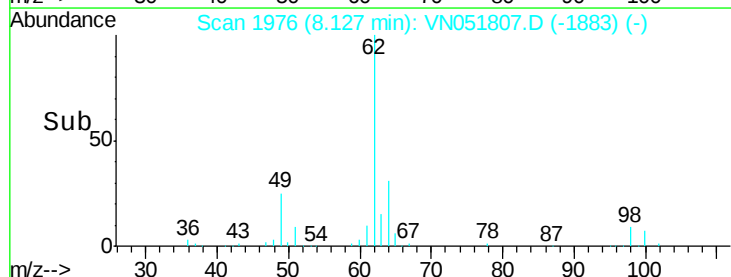
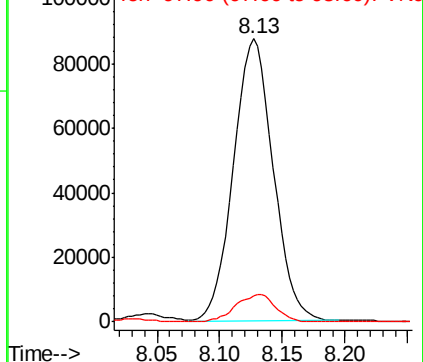
62 100

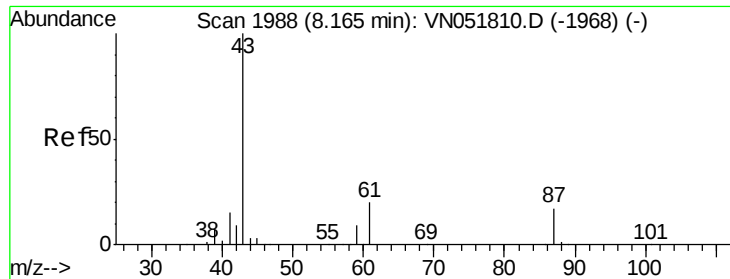
98 9.8 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 14.17 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

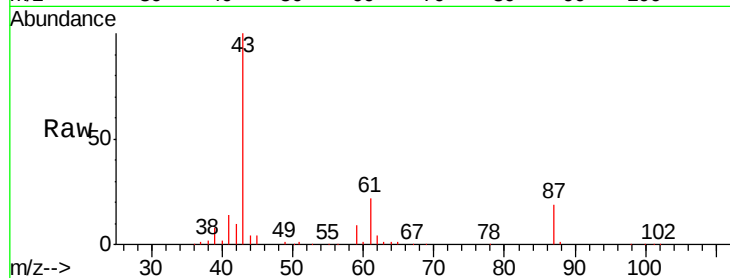
Tgt Ion: 43 Resp: 214929

Ion Ratio Lower Upper

43 100

61 21.0 17.5 26.3

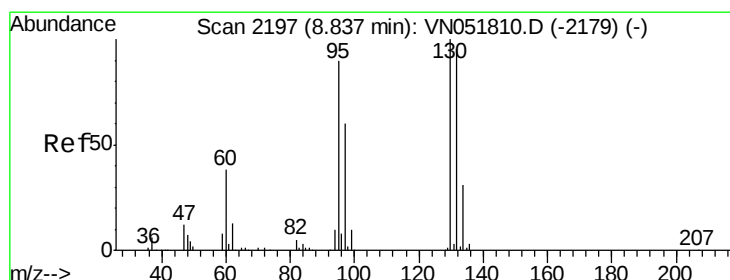
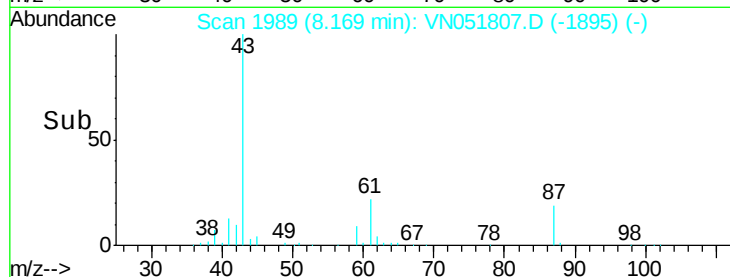
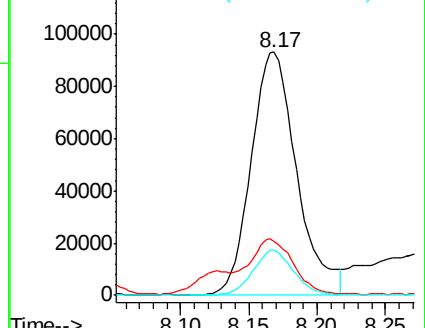
87 16.7 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN051810.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN051810.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN051810.D (-1968) (-)



#44

Trichloroethene

Concen: 14.58 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN051807.D

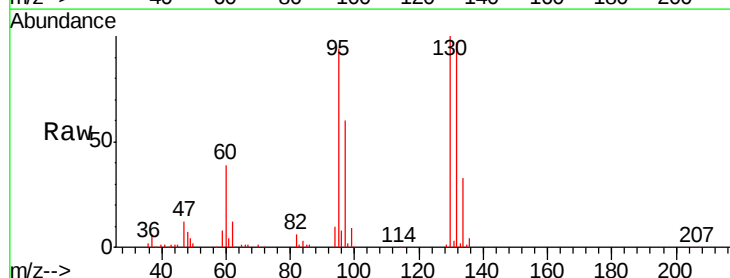
Acq: 11 Oct 2018 10:32

Tgt Ion: 130 Resp: 178179

Ion Ratio Lower Upper

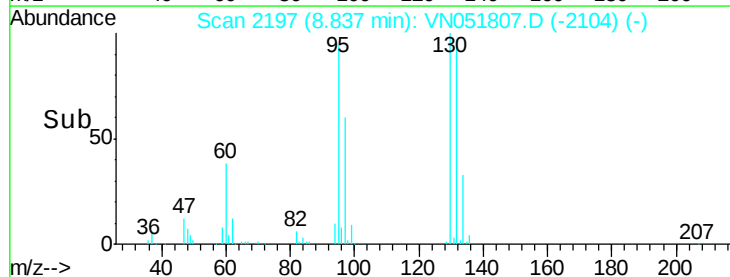
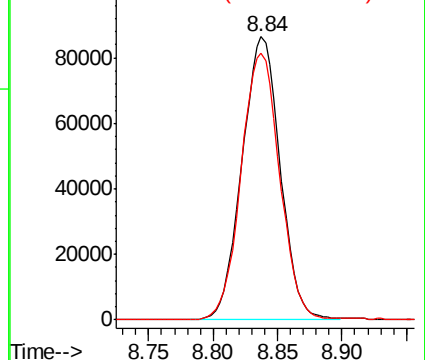
130 100

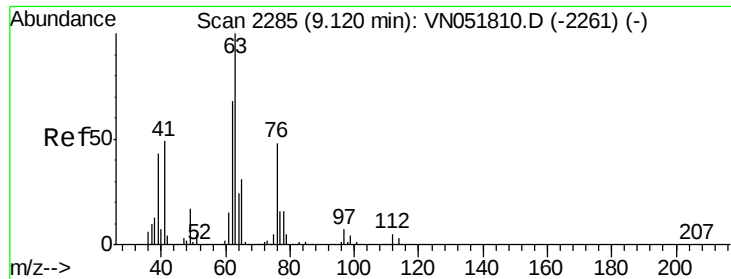
95 94.3 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): VN051810.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN051810.D (-2179) (-)

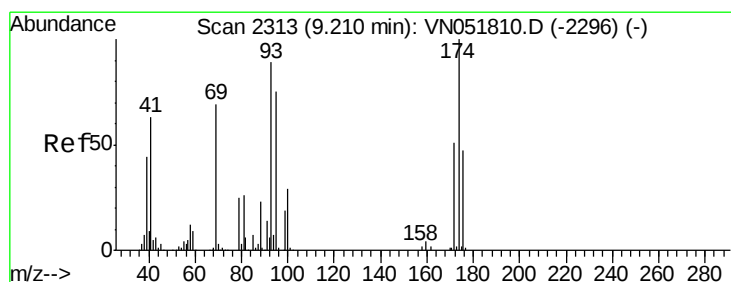
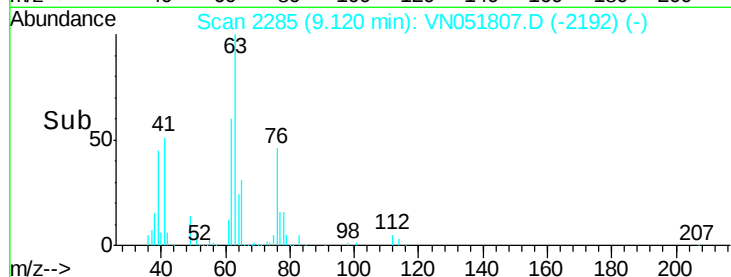
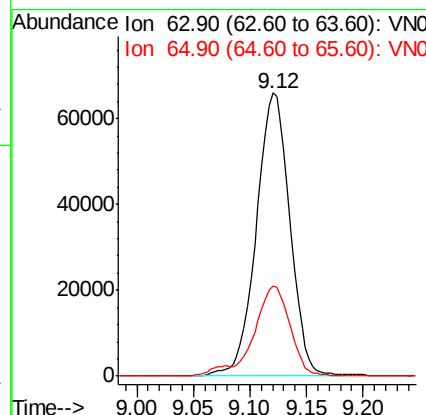
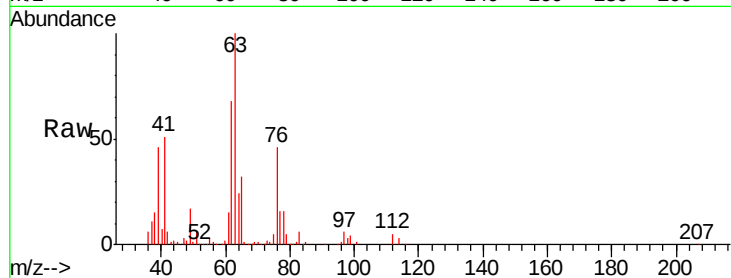




#45
 1,2-Dichloropropane
 Concen: 11.16 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN051807.D
 Acq: 11 Oct 2018 10:32

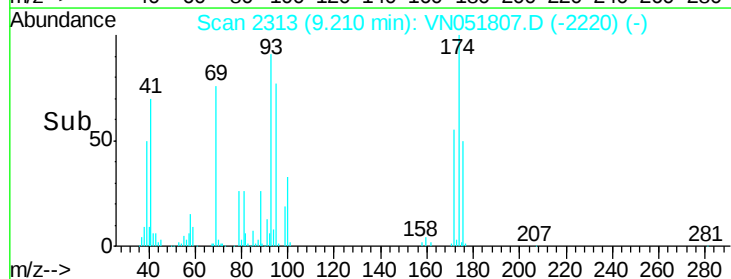
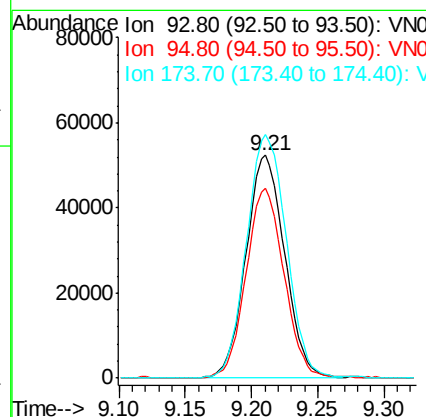
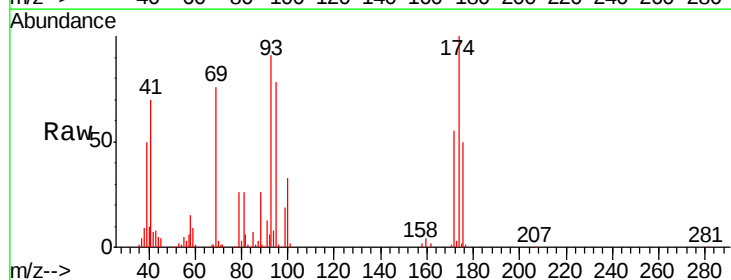
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

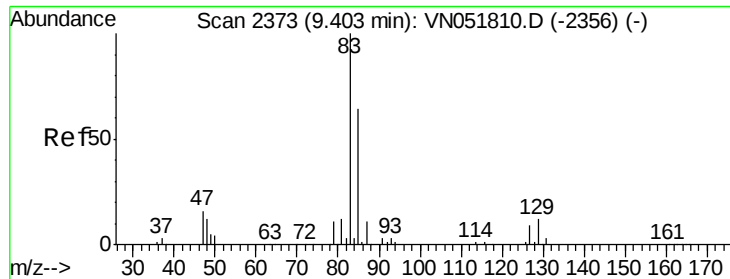
Tgt Ion: 63 Resp: 135868
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.0 37.6



#46
 Dibromomethane
 Concen: 14.93 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: VN051807.D
 Acq: 11 Oct 2018 10:32

Tgt Ion: 93 Resp: 106792
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.7 100.1
 174 112.7 89.8 134.6





#47

Bromodichloromethane

Concen: 14.29 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

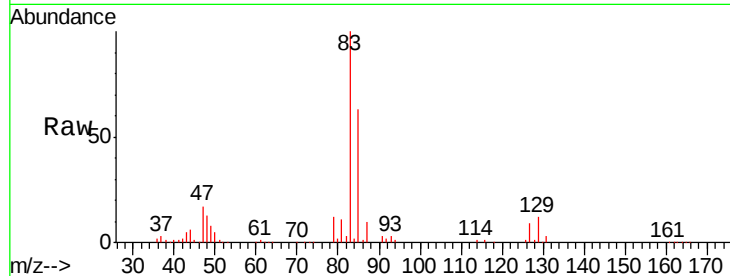
Tgt Ion: 83 Resp: 214091

Ion Ratio Lower Upper

83 100

85 62.9 52.6 78.8

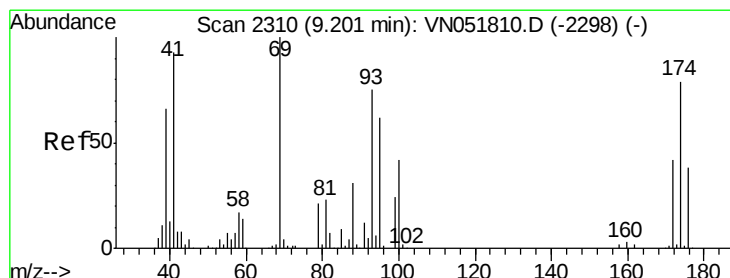
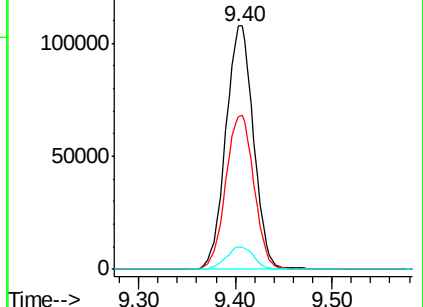
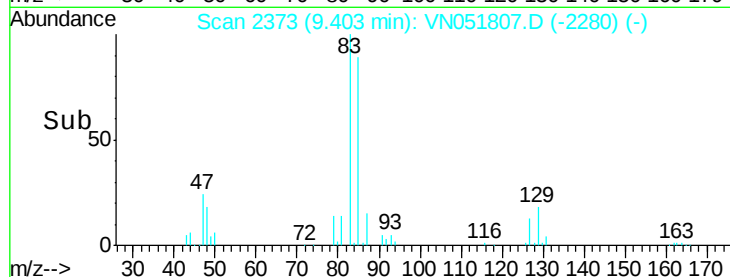
127 9.2 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN051807.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN051807.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN051807.D (-2280) (-)



#48

Methyl methacrylate

Concen: 12.07 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

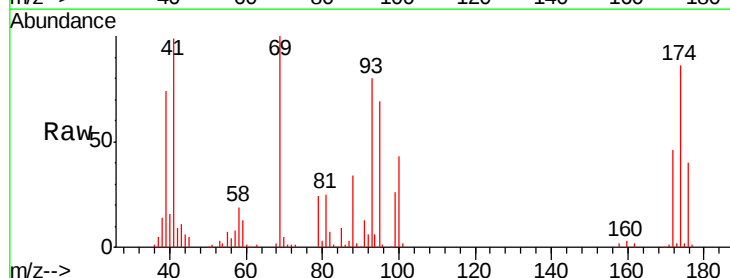
Tgt Ion: 41 Resp: 93360

Ion Ratio Lower Upper

41 100

69 109.2 74.7 112.1

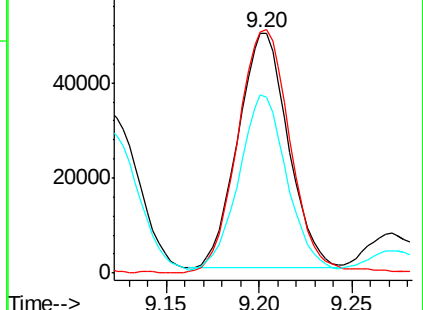
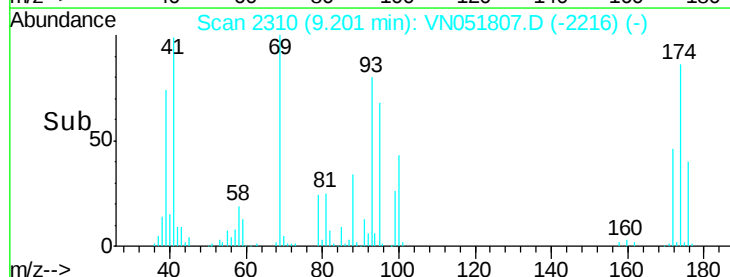
39 72.3 42.2 63.2#

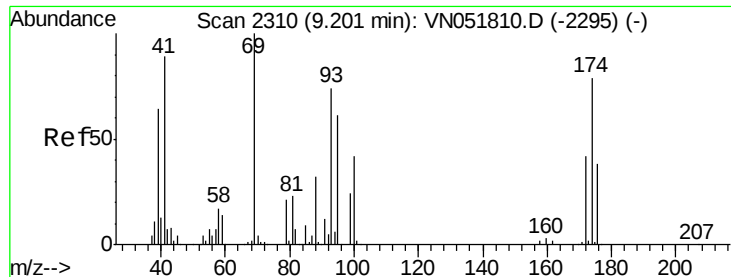


Abundance Ion 41.00 (40.70 to 41.70): VN051807.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN051807.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN051807.D (-2216) (-)

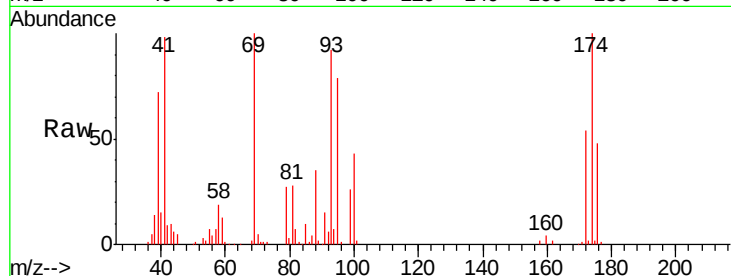




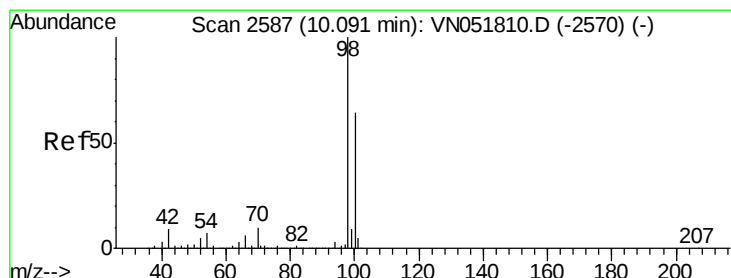
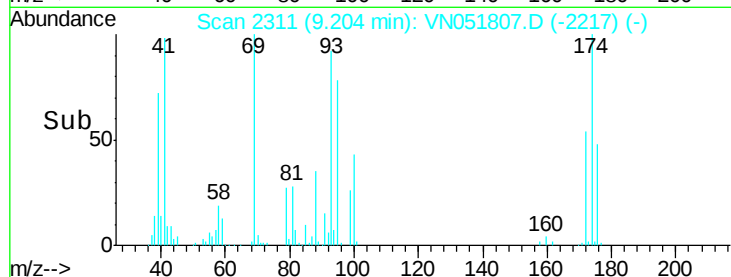
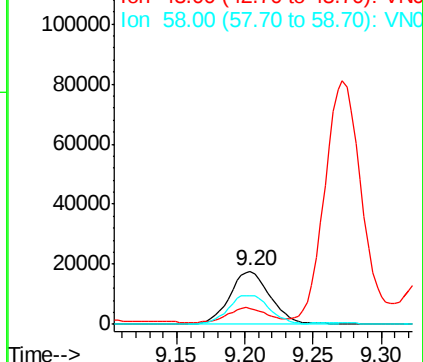
#49
 1,4-Dioxane
 Concen: 346.45 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN051807.D
 Acq: 11 Oct 2018 10:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion: 88 Resp: 36518
 Ion Ratio Lower Upper
 88 100
 43 26.8 25.9 38.9
 58 55.9 55.0 82.4

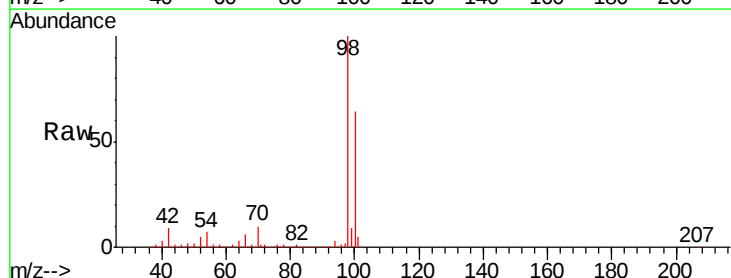


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

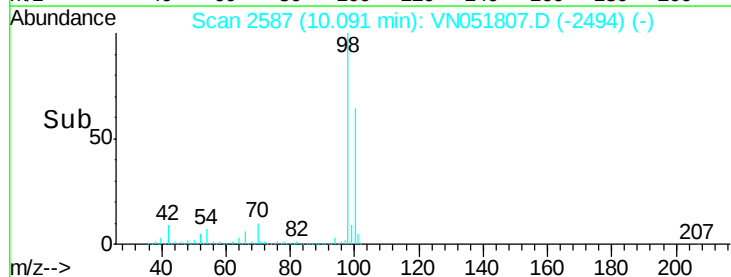
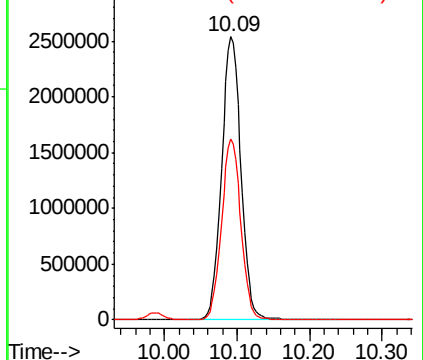


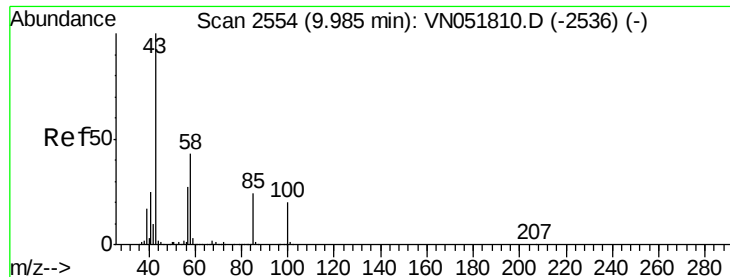
#50
 Toluene-d8
 Concen: 346.45 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN051807.D
 Acq: 11 Oct 2018 10:32

Tgt Ion: 98 Resp: 4697453
 Ion Ratio Lower Upper
 98 100
 100 63.6 51.5 77.3



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

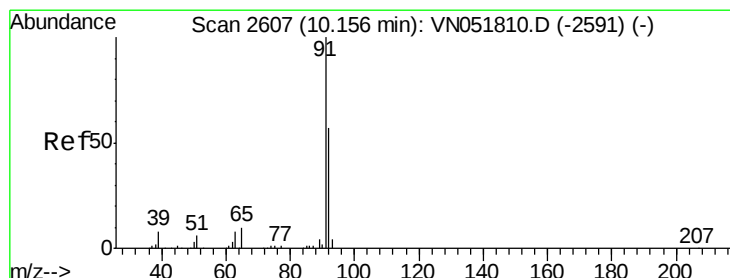
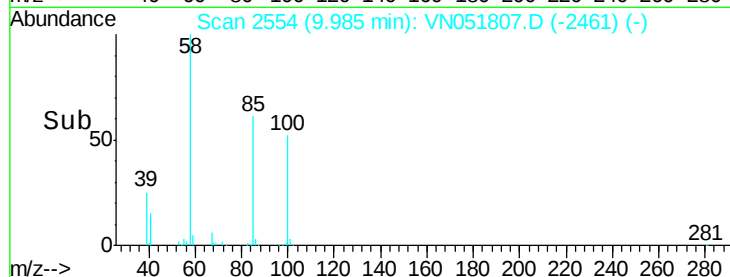
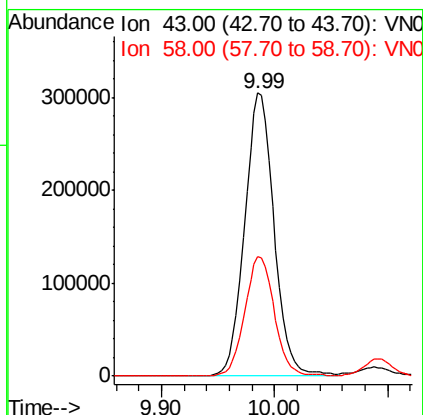
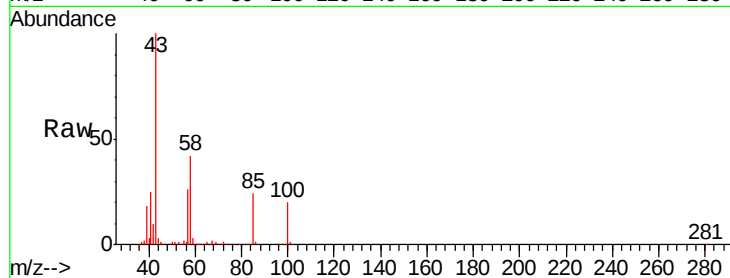




#51
 4-Methyl-2-Pentanone
 Concen: 60.50 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN051807.D
 Acq: 11 Oct 2018 10:32

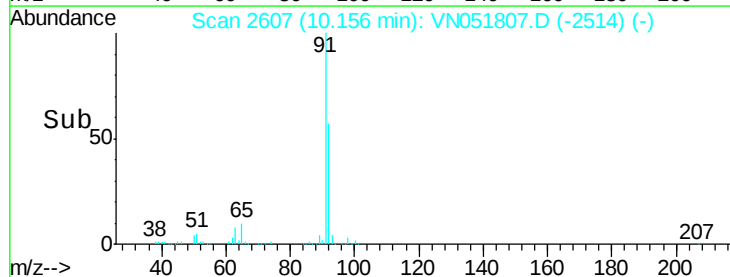
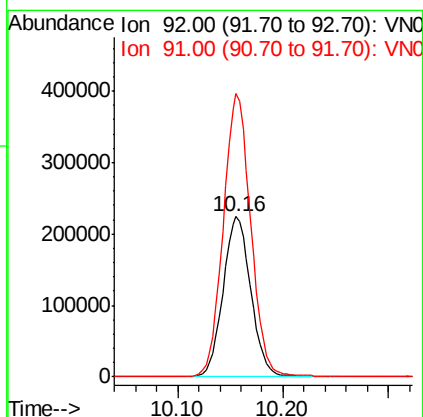
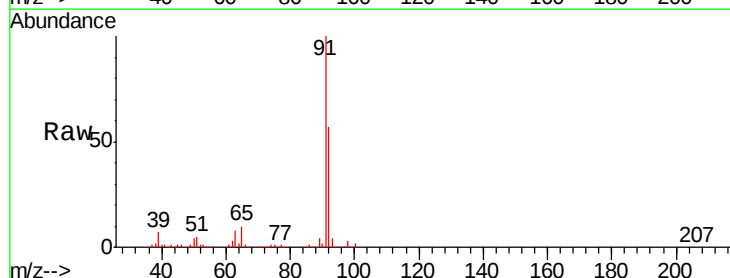
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

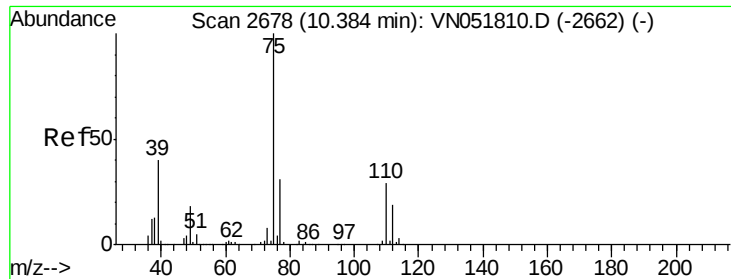
Tgt Ion: 43 Resp: 547742
 Ion Ratio Lower Upper
 43 100
 58 42.7 32.4 48.6



#52
 Toluene
 Concen: 14.75 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN051807.D
 Acq: 11 Oct 2018 10:32

Tgt Ion: 92 Resp: 404880
 Ion Ratio Lower Upper
 92 100
 91 175.6 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 14.44 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

Instrument :

MSVOA_N

ClientSampled :

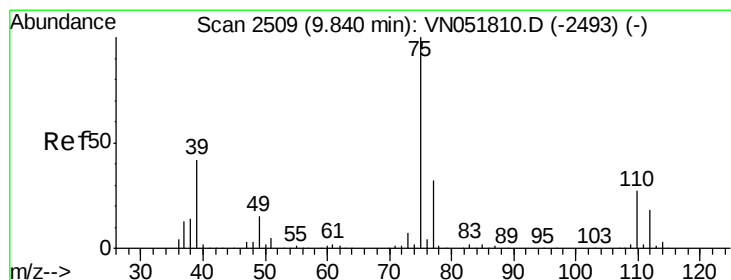
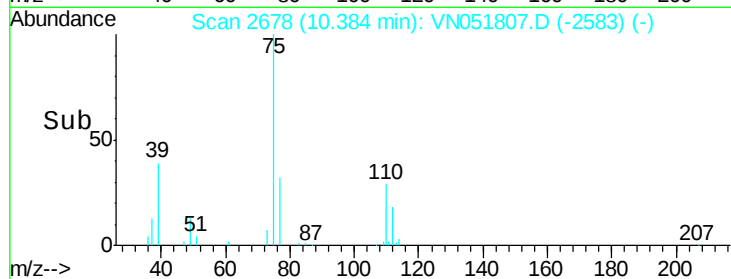
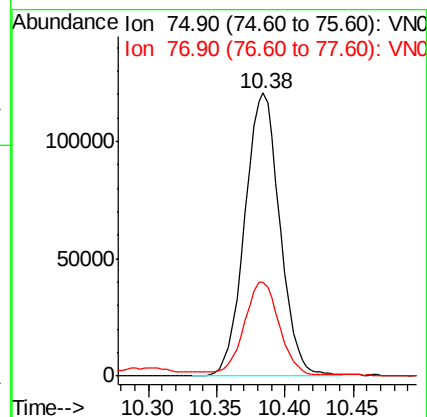
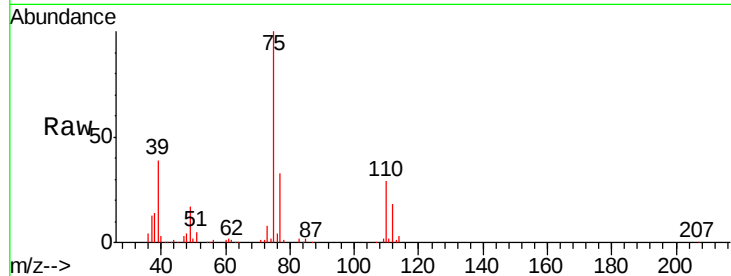
VSTDIC150

Tgt Ion: 75 Resp: 215397

Ion Ratio Lower Upper

75 100

77 32.7 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 13.44 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

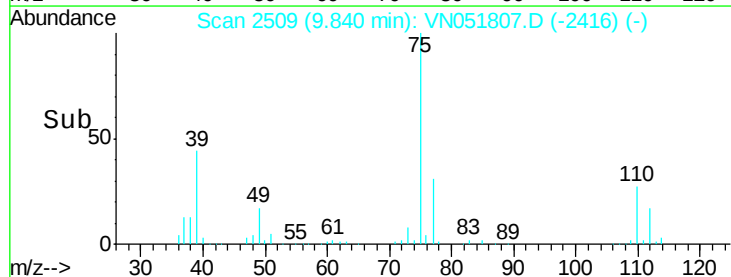
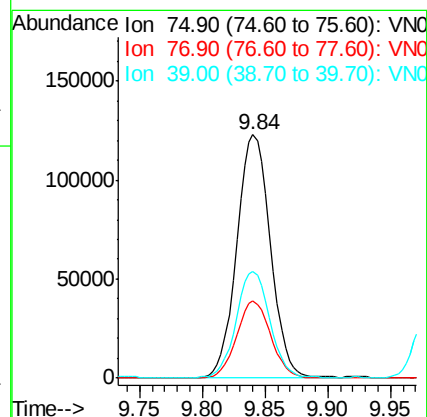
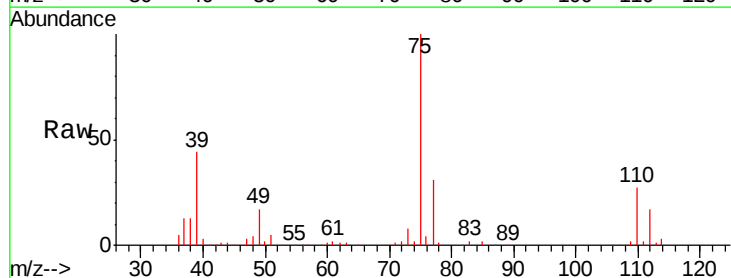
Tgt Ion: 75 Resp: 229470

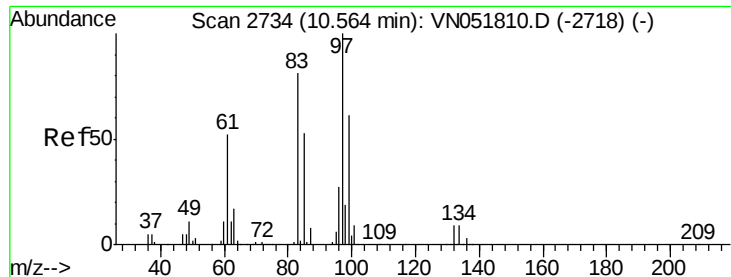
Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2

39 43.8 33.0 49.4

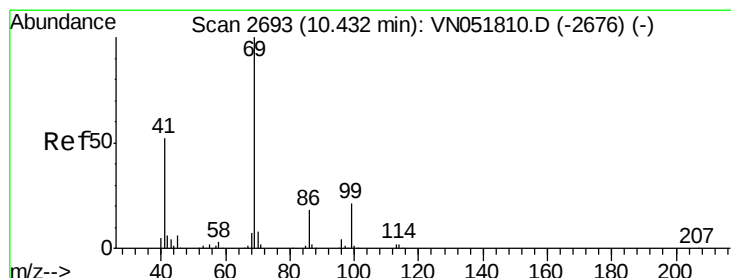
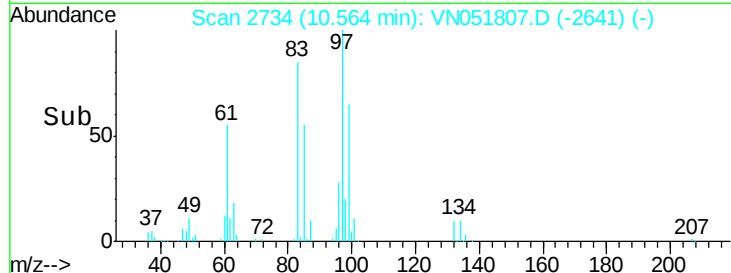
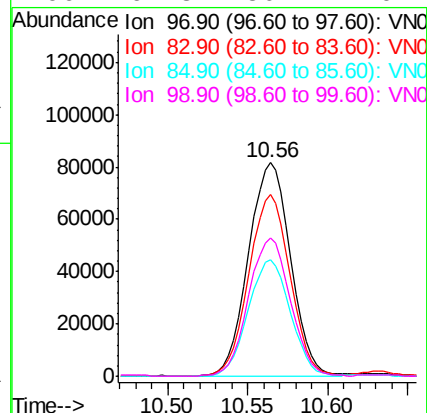
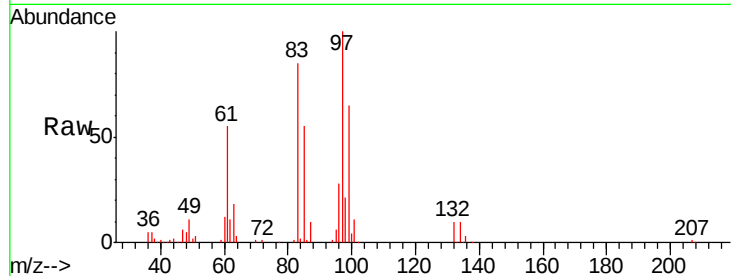




#55
 1,1,2-Trichloroethane
 Concen: 14.45 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN051807.D
 Acq: 11 Oct 2018 10:32

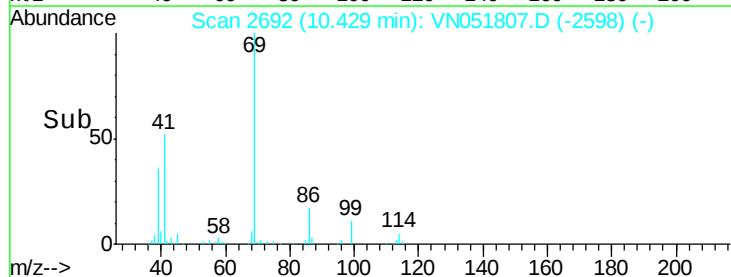
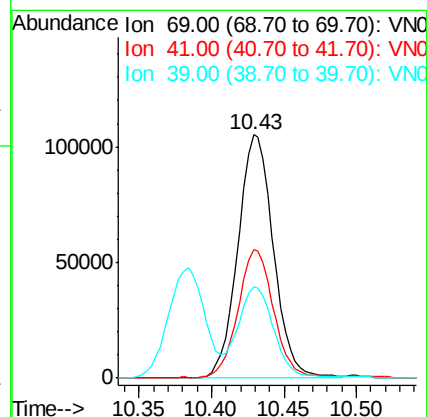
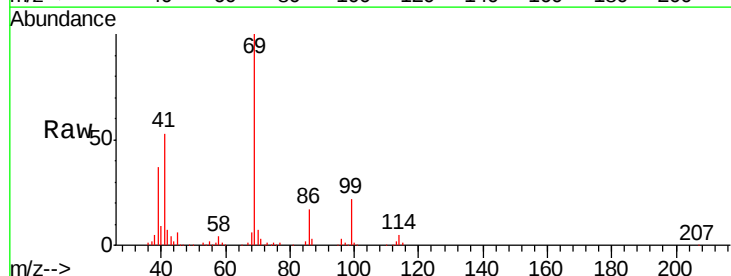
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

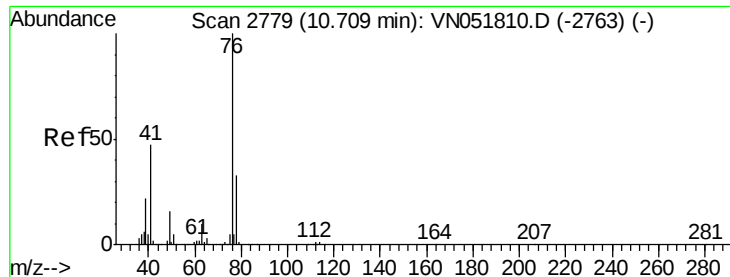
Tgt Ion: 97 Resp: 147186
 Ion Ratio Lower Upper
 97 100
 83 84.8 69.7 104.5
 85 54.5 44.5 66.7
 99 64.3 50.7 76.1



#56
 Ethyl methacrylate
 Concen: 15.52 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN051807.D
 Acq: 11 Oct 2018 10:32

Tgt Ion: 69 Resp: 179218
 Ion Ratio Lower Upper
 69 100
 41 51.9 48.3 72.5
 39 37.3 24.0 36.0#





#57

1,3-Dichloropropane

Concen: 13.91 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

Instrument :

MSVOA_N

ClientSampleId :

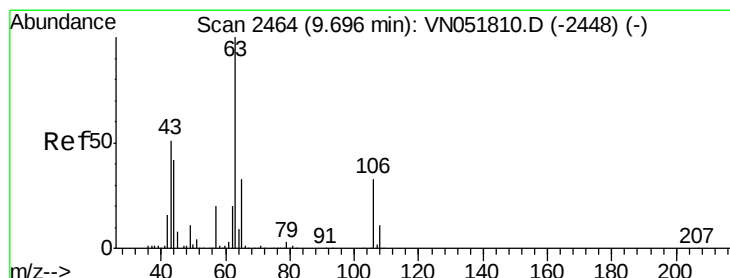
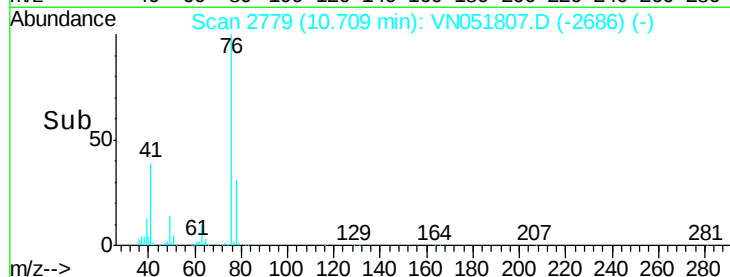
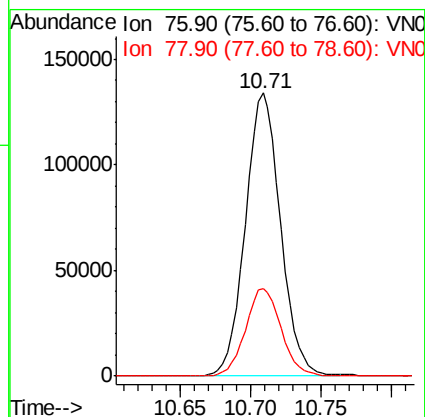
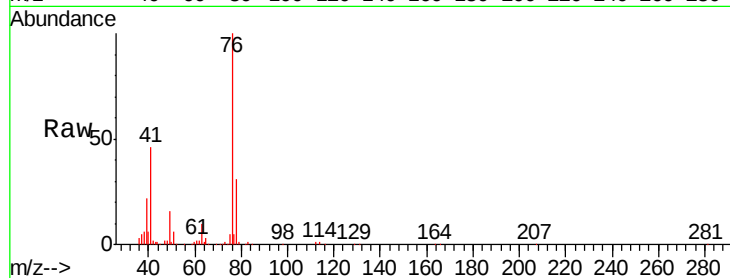
VSTDIC150

Tgt Ion: 76 Resp: 233915

Ion Ratio Lower Upper

76 100

78 31.5 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 640.15 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051807.D

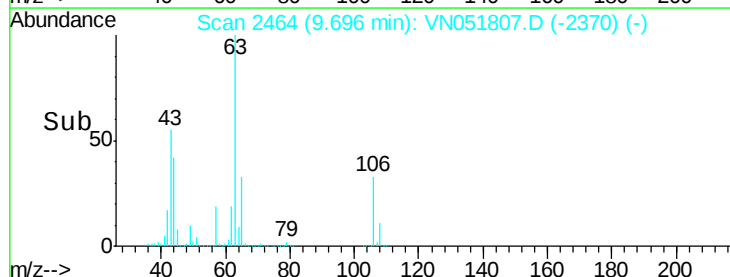
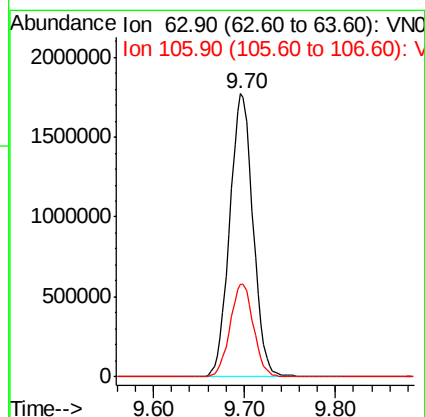
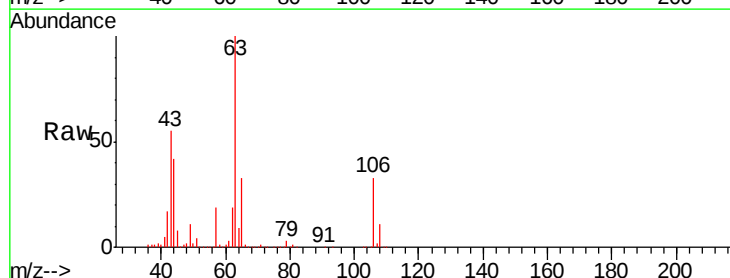
Acq: 11 Oct 2018 10:32

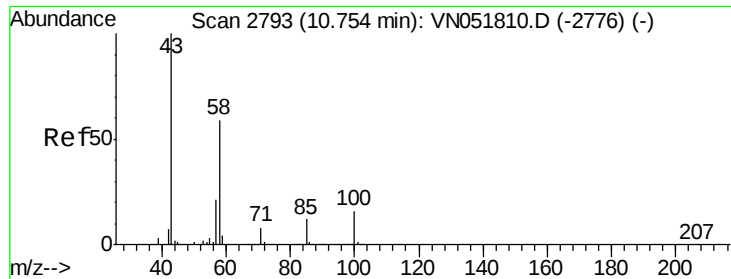
Tgt Ion: 63 Resp: 3157309

Ion Ratio Lower Upper

63 100

106 32.9 21.9 32.9#

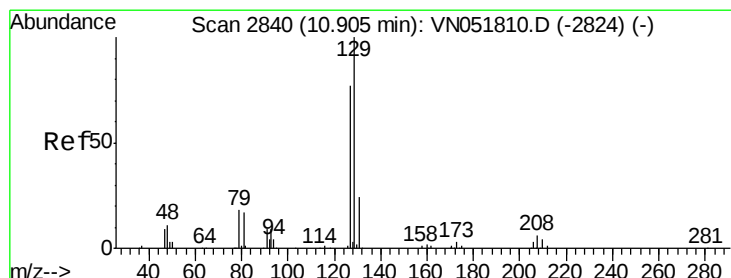
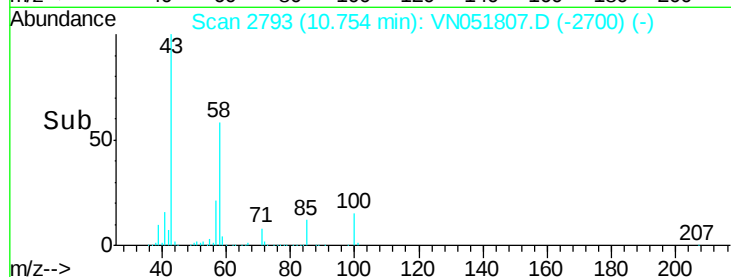
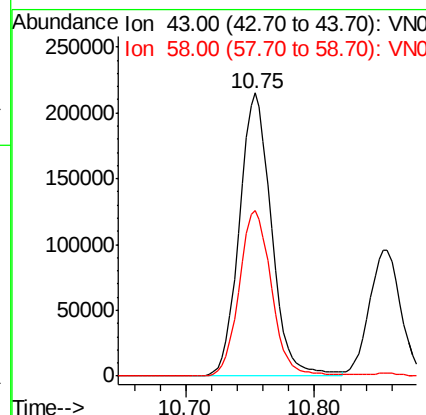
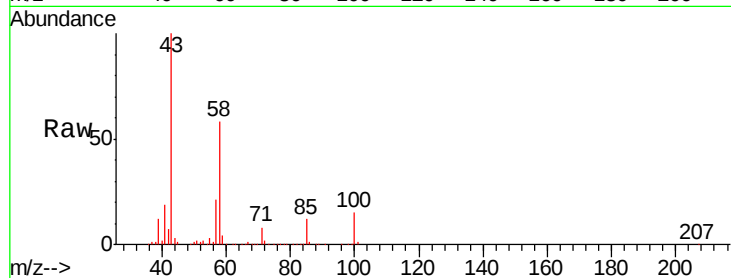




#59
2-Hexanone
Concen: 61.10 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN051807.D
Acq: 11 Oct 2018 10:32

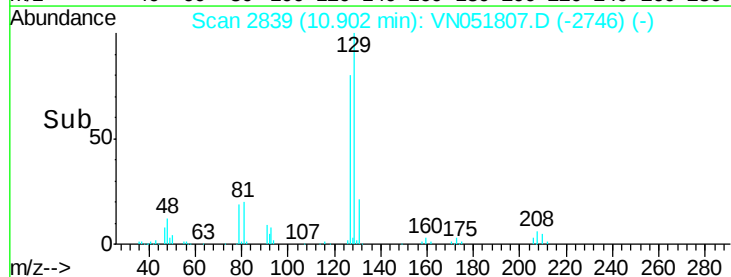
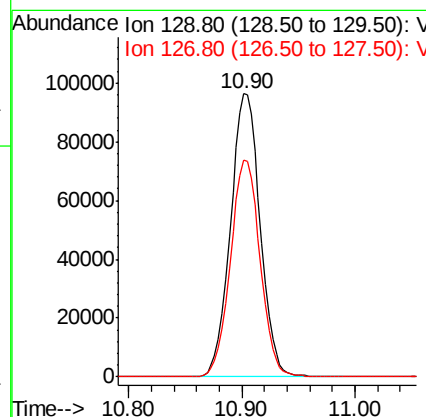
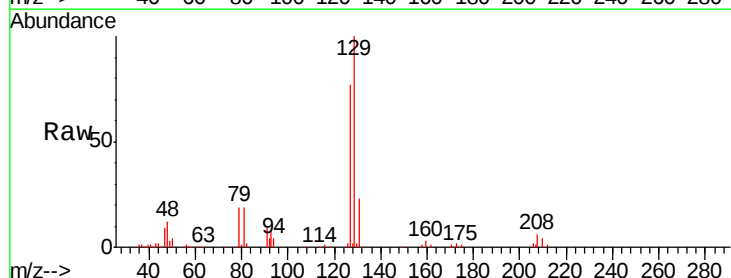
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

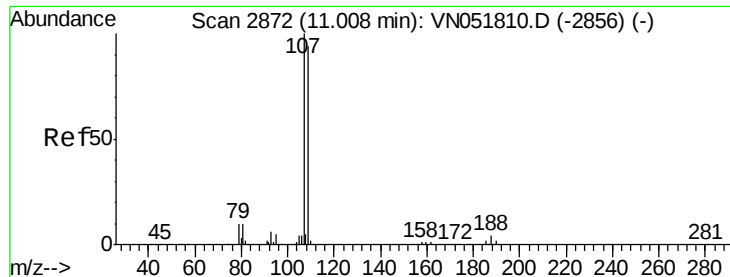
Tgt Ion: 43 Resp: 368261
Ion Ratio Lower Upper
43 100
58 59.6 28.3 85.0



#60
Dibromochloromethane
Concen: 15.38 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051807.D
Acq: 11 Oct 2018 10:32

Tgt Ion: 129 Resp: 175442
Ion Ratio Lower Upper
129 100
127 76.8 38.3 114.9

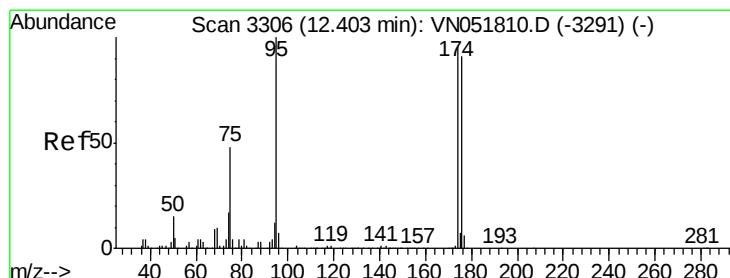
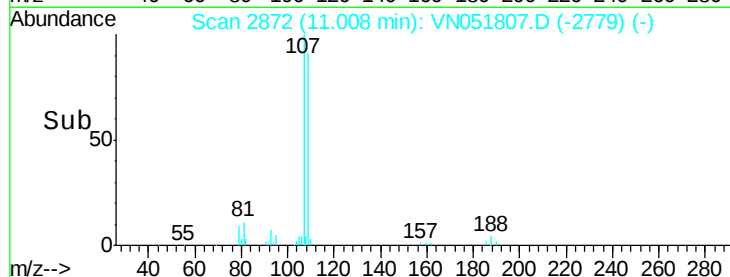
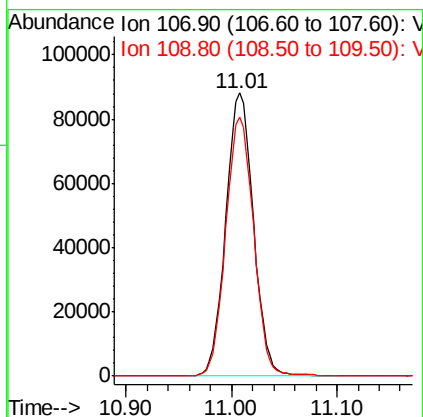
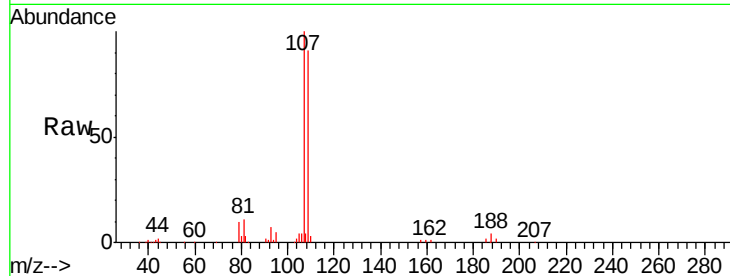




#61
 1,2-Dibromoethane
 Concen: 16.26 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN051807.D
 Acq: 11 Oct 2018 10:32

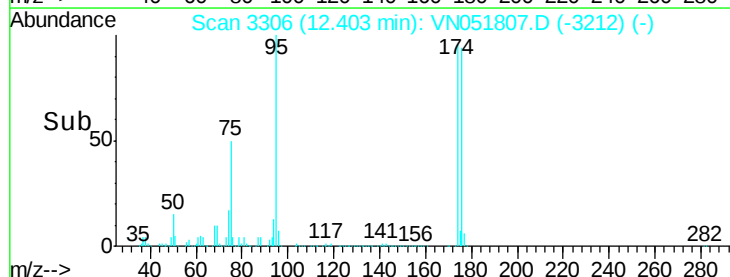
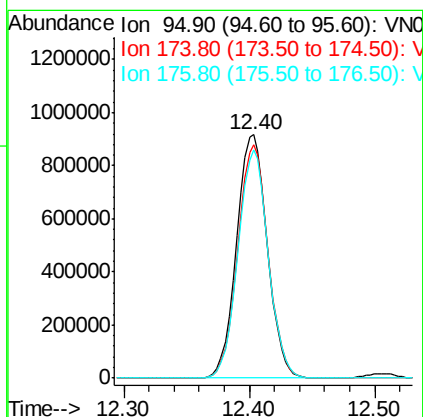
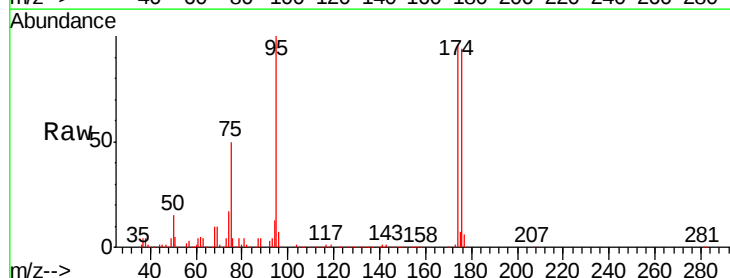
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

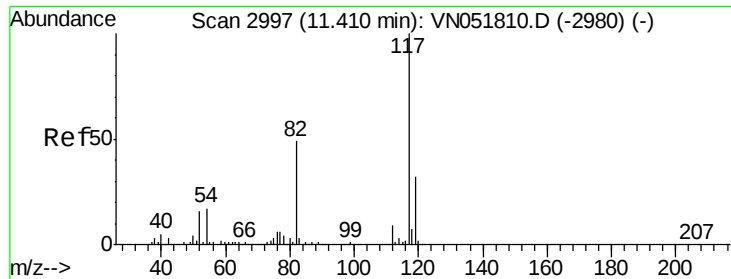
Tgt Ion: 107 Resp: 160147
 Ion Ratio Lower Upper
 107 100
 109 91.9 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 16.26 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN051807.D
 Acq: 11 Oct 2018 10:32

Tgt Ion: 95 Resp: 1559492
 Ion Ratio Lower Upper
 95 100
 174 94.5 0.0 183.0
 176 92.2 0.0 178.8

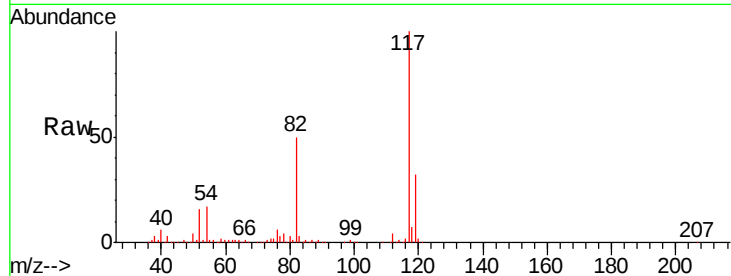




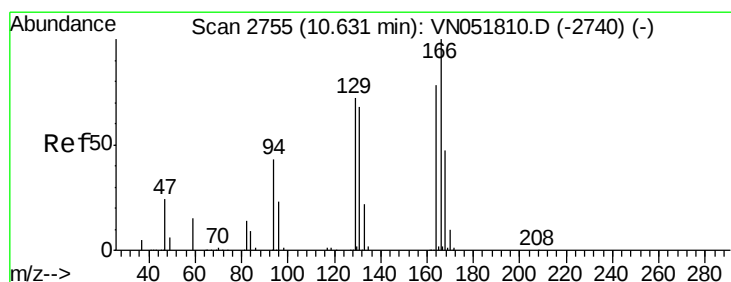
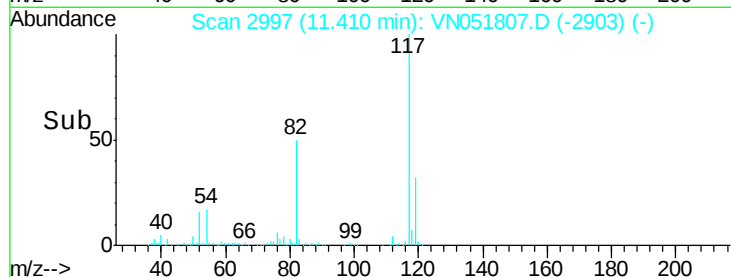
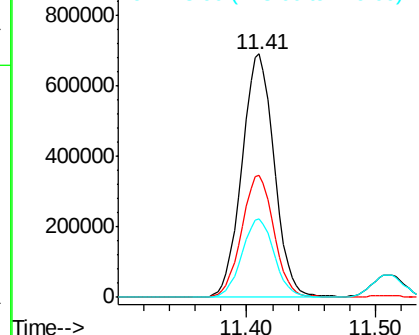
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051807.D
Acq: 11 Oct 2018 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:117 Resp: 1206619
Ion Ratio Lower Upper
117 100
82 50.2 42.6 64.0
119 32.1 25.8 38.6

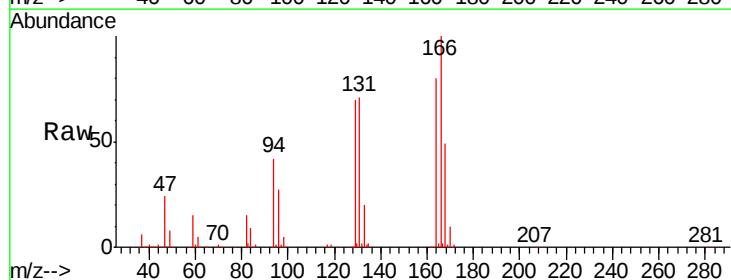


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

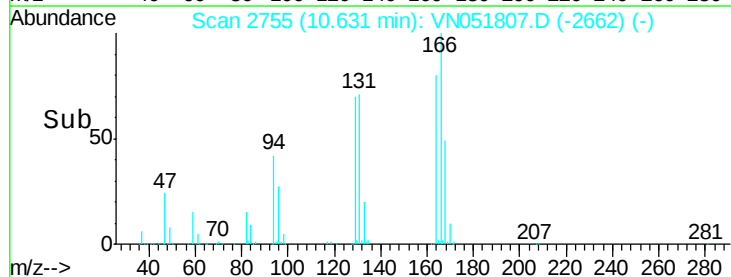
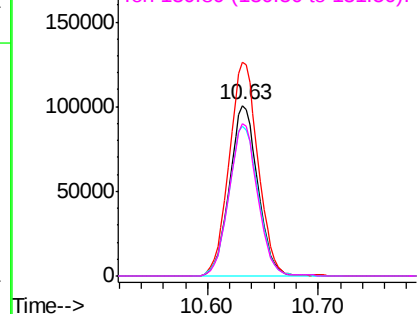


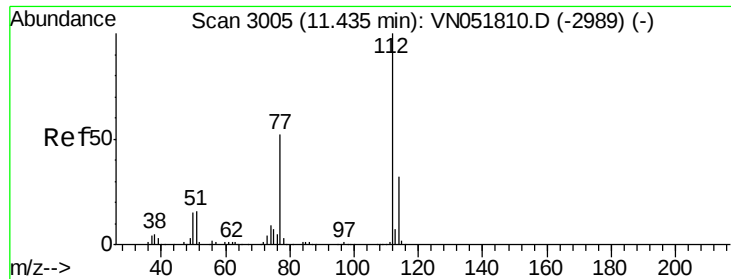
#64
Tetrachloroethene
Concen: 15.59 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051807.D
Acq: 11 Oct 2018 10:32

Tgt Ion:164 Resp: 178649
Ion Ratio Lower Upper
164 100
166 125.3 103.5 155.3
129 88.1 72.7 109.1
131 89.4 69.5 104.3



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

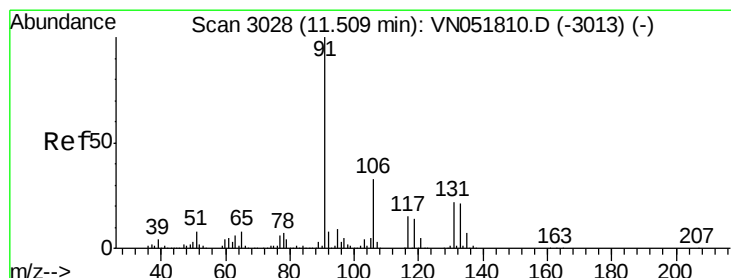
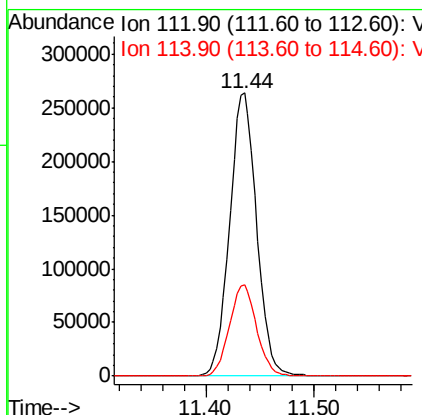
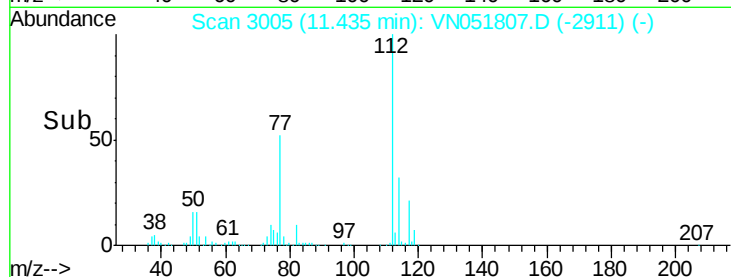
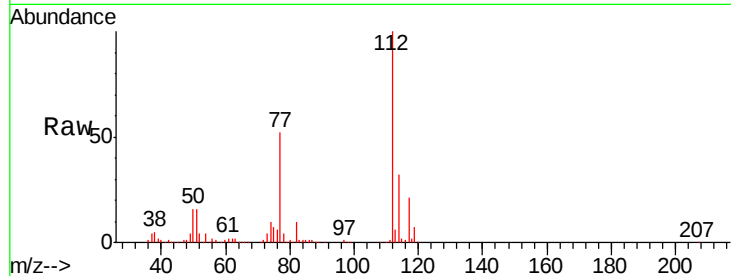




#65
Chlorobenzene
Concen: 14.60 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN051807.D
Acq: 11 Oct 2018 10:32

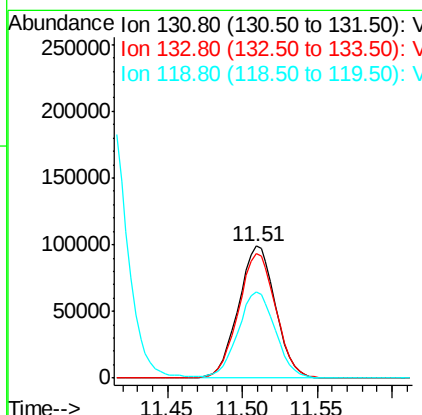
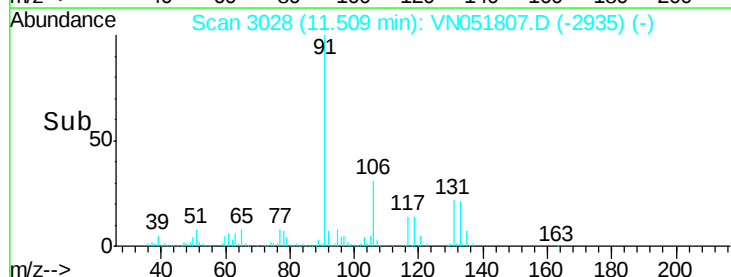
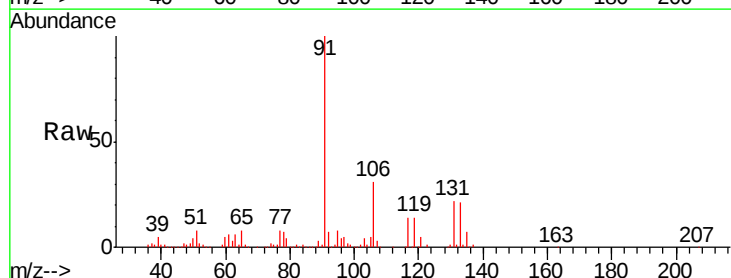
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

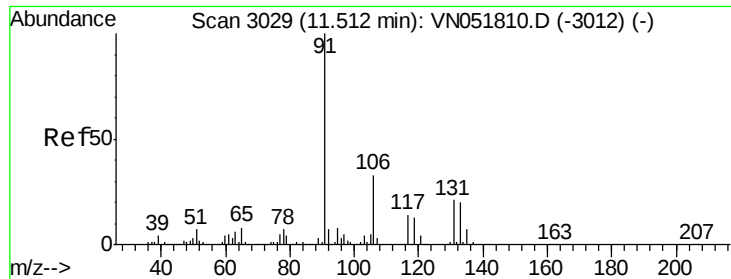
Tgt Ion:112 Resp: 460467
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 14.79 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051807.D
Acq: 11 Oct 2018 10:32

Tgt Ion:131 Resp: 170662
Ion Ratio Lower Upper
131 100
133 95.3 47.4 142.3
119 65.7 32.8 98.4

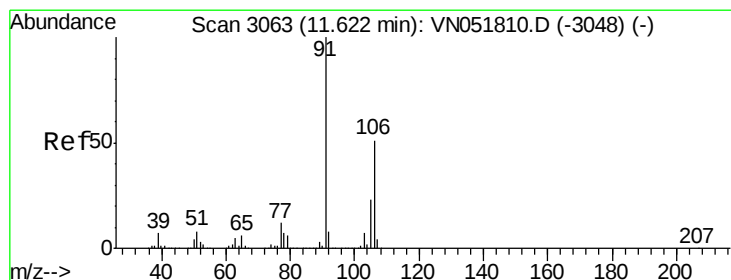
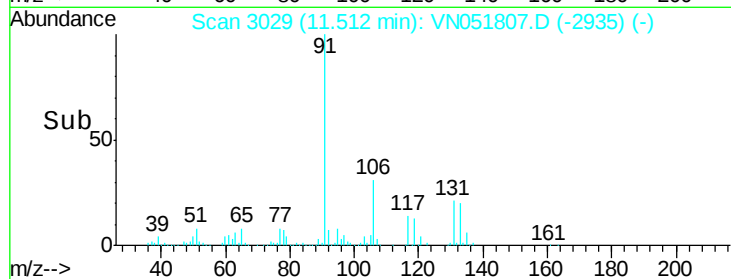
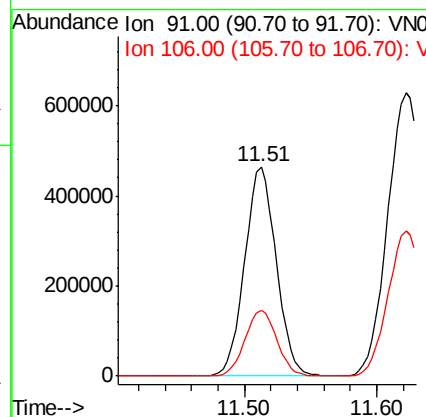
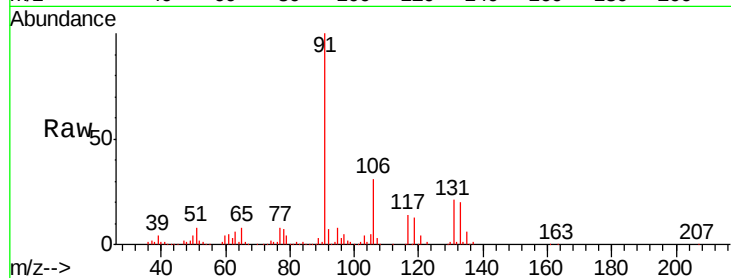




#67
Ethyl Benzene
Concen: 14.99 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051807.D
Acq: 11 Oct 2018 10:32

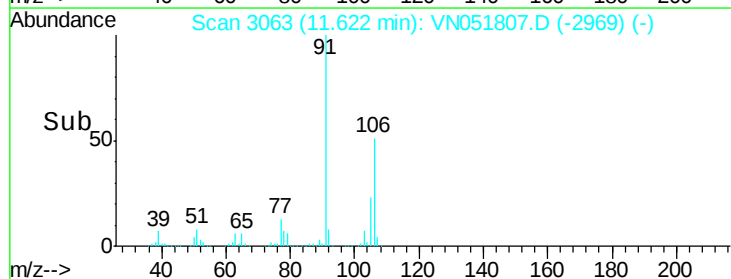
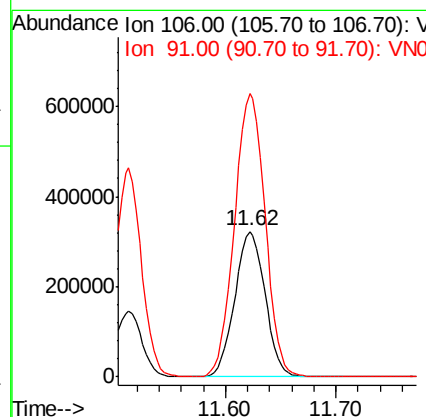
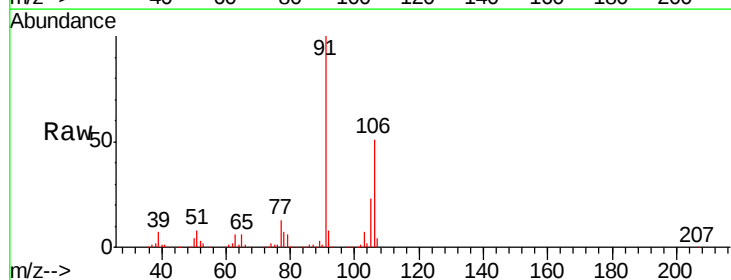
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

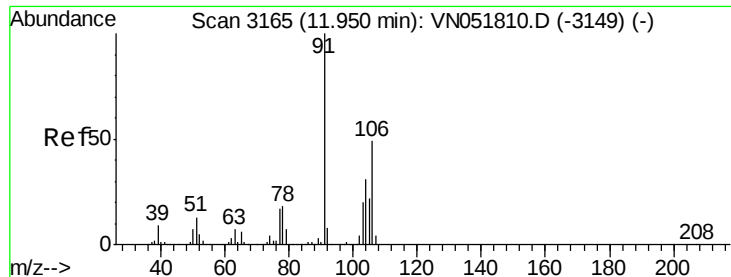
Tgt Ion: 91 Resp: 768745
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.4



#68
m/p-Xylenes
Concen: 31.51 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN051807.D
Acq: 11 Oct 2018 10:32

Tgt Ion: 106 Resp: 613299
Ion Ratio Lower Upper
106 100
91 197.0 161.0 241.6

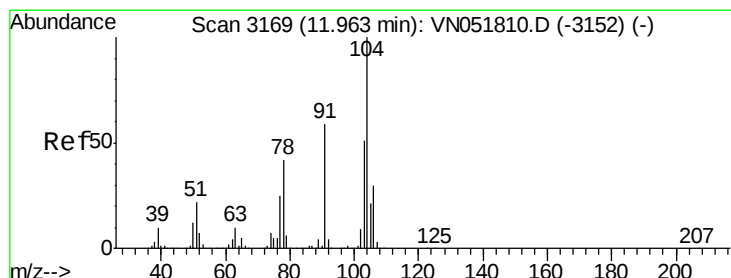
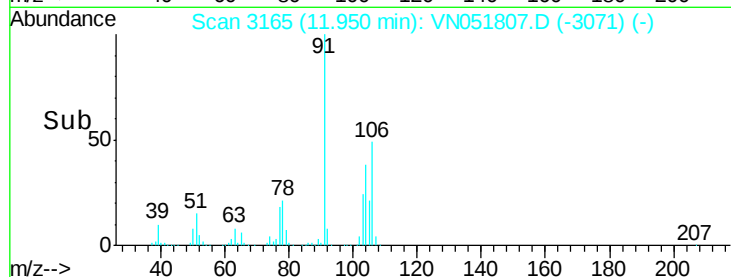
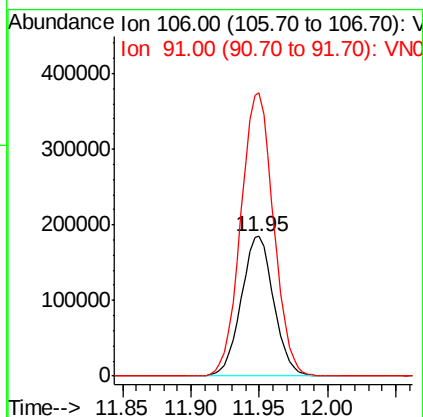
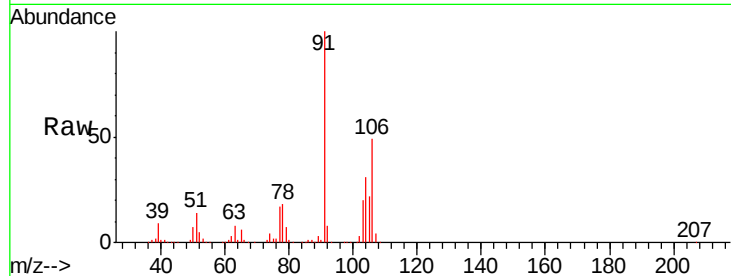




#69
o-Xylene
Concen: 16.34 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051807.D
Acq: 11 Oct 2018 10:32

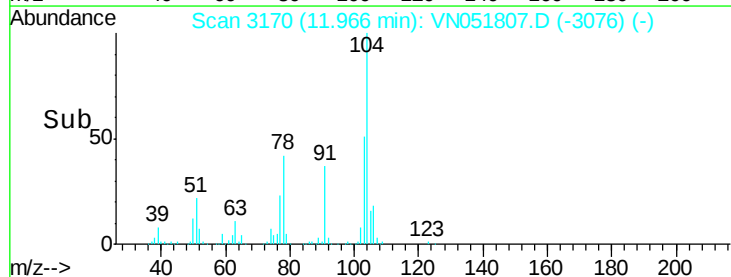
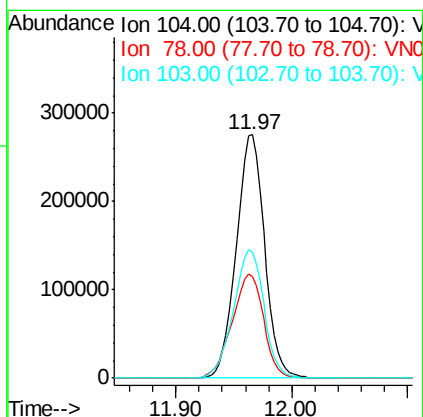
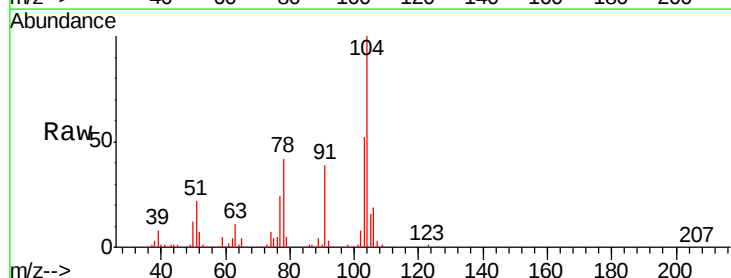
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

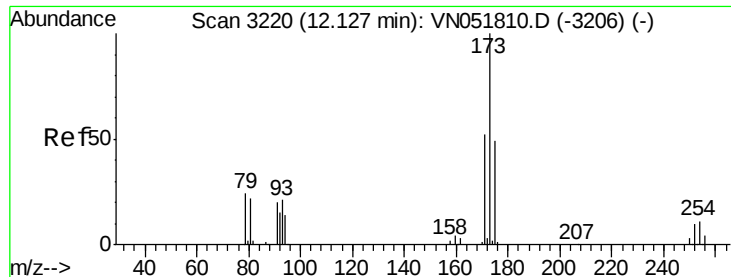
Tgt Ion:106 Resp: 305808
Ion Ratio Lower Upper
106 100
91 204.1 106.5 319.5



#70
Styrene
Concen: 15.92 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN051807.D
Acq: 11 Oct 2018 10:32

Tgt Ion:104 Resp: 465655
Ion Ratio Lower Upper
104 100
78 47.6 38.2 57.4
103 56.9 44.4 66.6

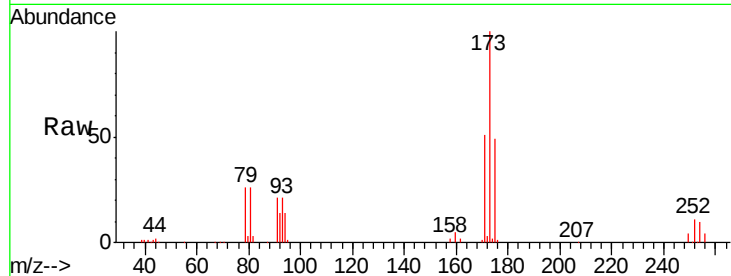




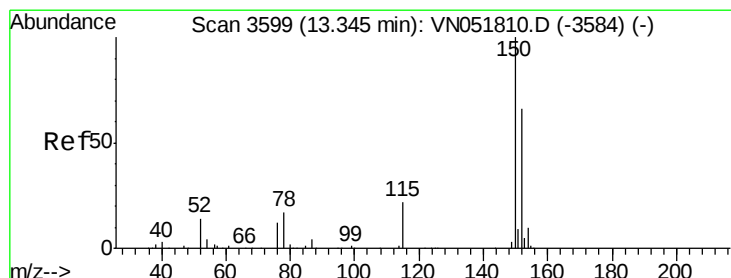
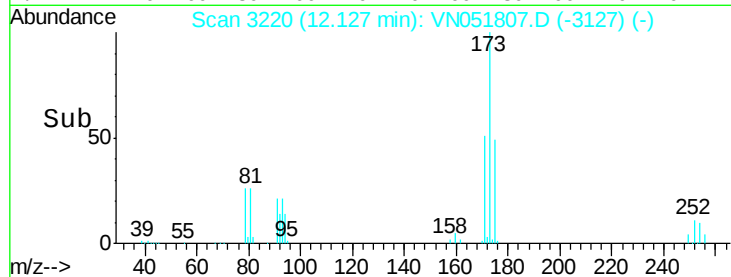
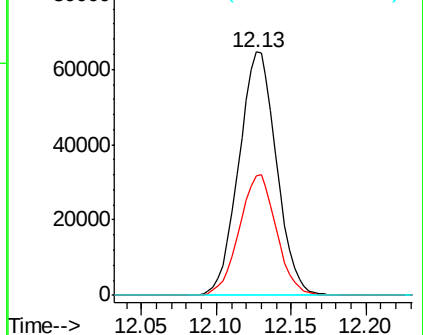
#71
Bromoform
Concen: 14.26 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN051807.D
Acq: 11 Oct 2018 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:173 Resp: 113124
Ion Ratio Lower Upper
173 100
175 48.8 24.4 73.4
254 0.0 0.1 0.1#

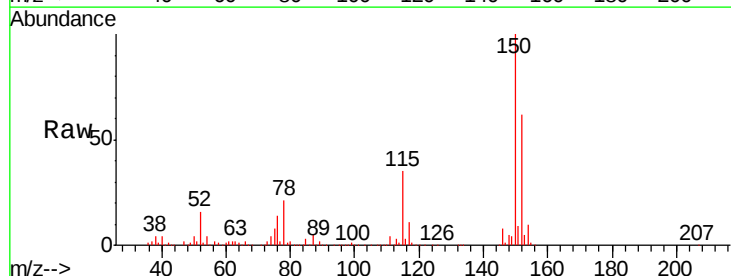


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

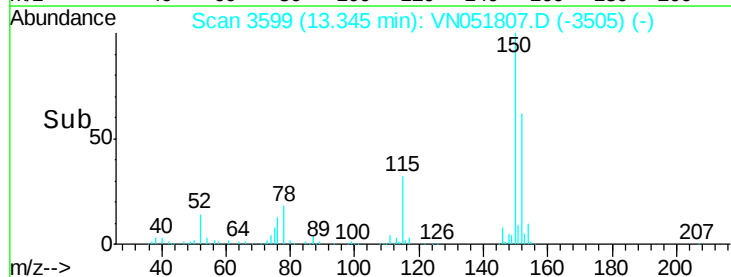
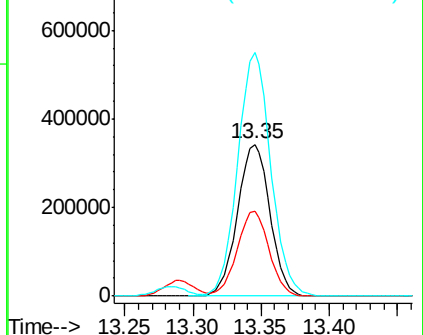


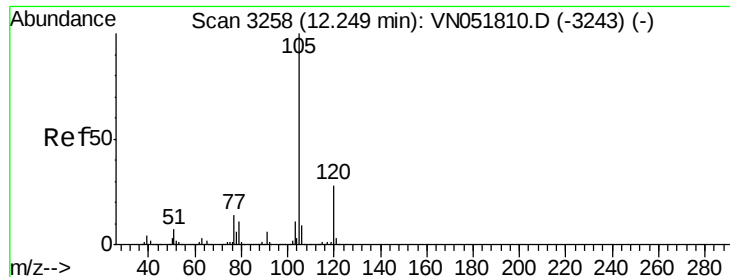
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051807.D
Acq: 11 Oct 2018 10:32

Tgt Ion:152 Resp: 567157
Ion Ratio Lower Upper
152 100
115 54.6 27.8 83.4
150 163.1 0.0 351.4



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: 17.08 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

Instrument :

MSVOA_N

ClientSampled :

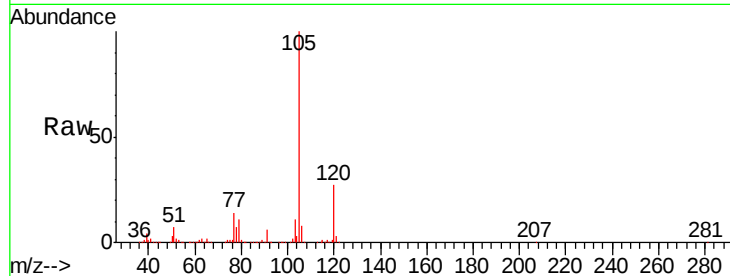
VSTDIC150

Tgt Ion: 105 Resp: 802297

Ion Ratio Lower Upper

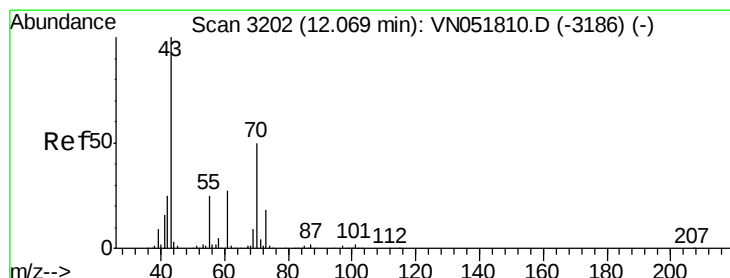
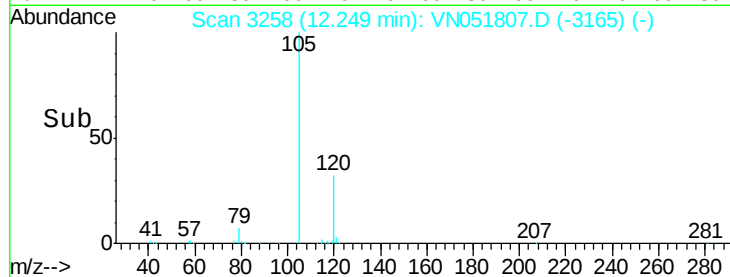
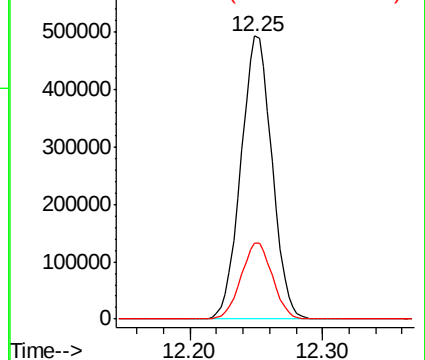
105 100

120 27.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 14.40 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

Tgt Ion: 43 Resp: 169867

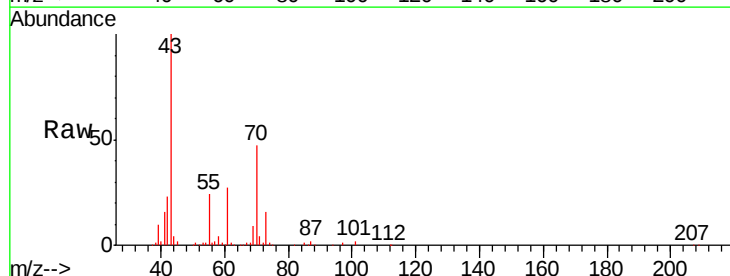
Ion Ratio Lower Upper

43 100

70 48.1 36.2 54.2

55 24.6 21.8 32.8

61 26.8 20.5 30.7

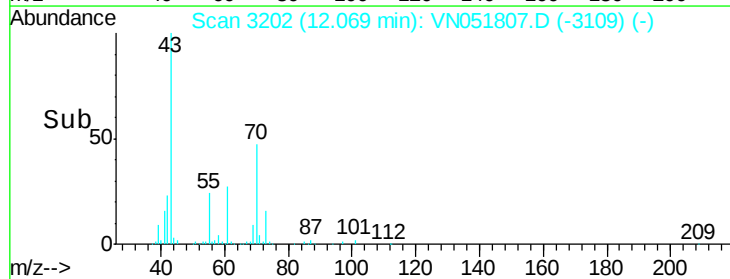
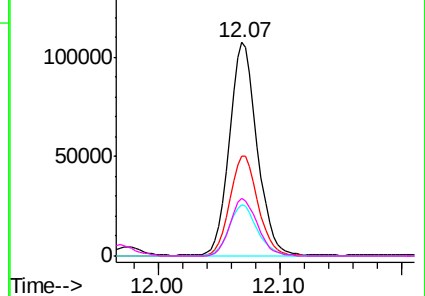


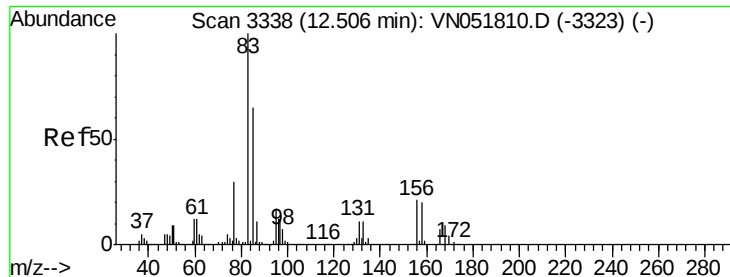
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 14.02 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

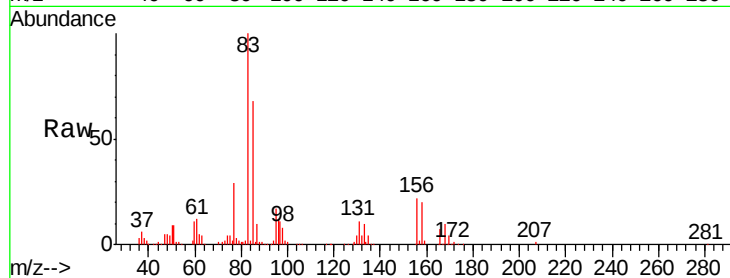
Tgt Ion: 83 Resp: 177405

Ion Ratio Lower Upper

83 100

131 12.0 5.3 15.9

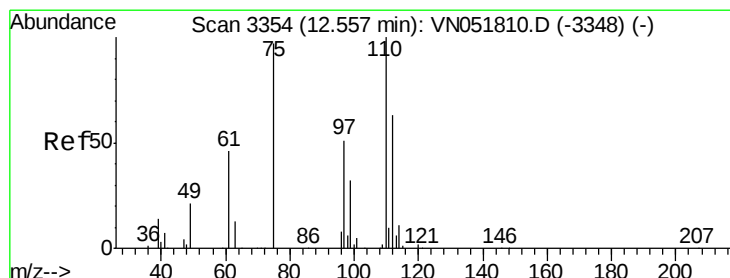
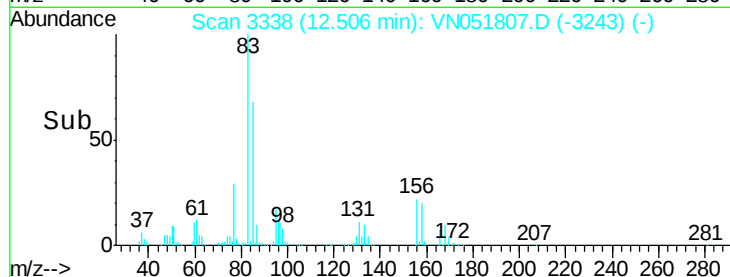
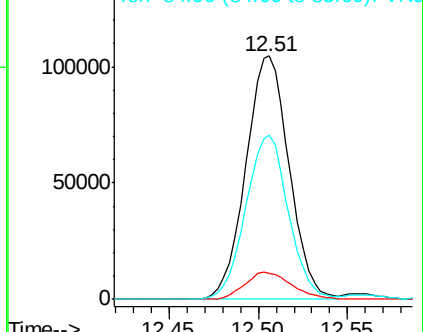
85 66.3 31.9 95.7



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: 21.75 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN051807.D

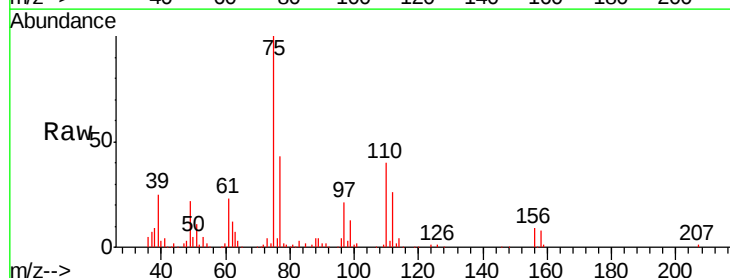
Acq: 11 Oct 2018 10:32

Tgt Ion: 75 Resp: 216104

Ion Ratio Lower Upper

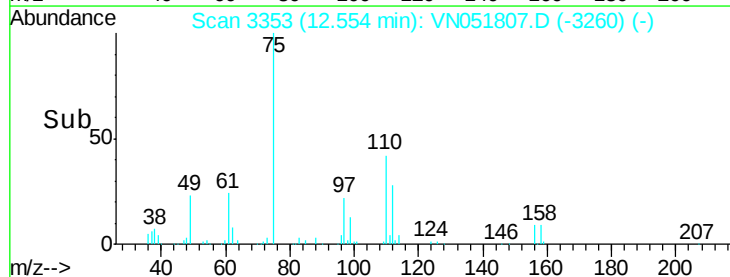
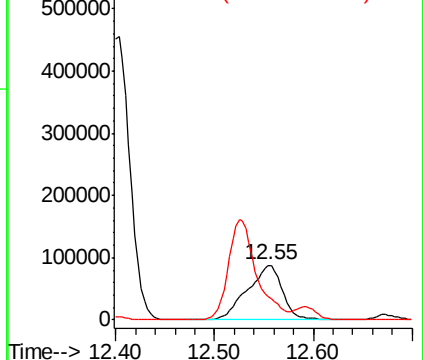
75 100

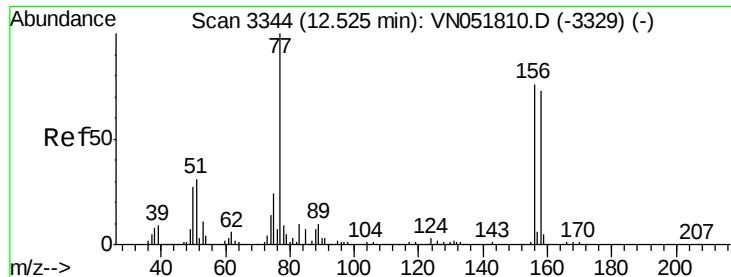
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 16.18 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

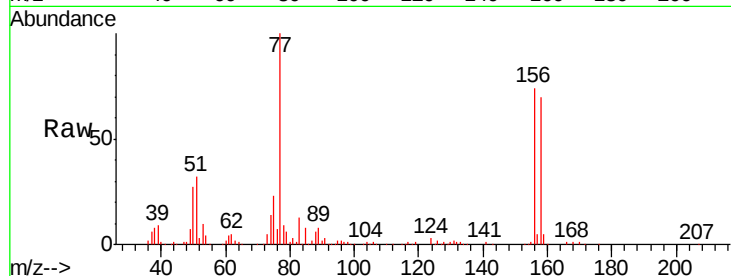
Tgt Ion:156 Resp: 206542

Ion Ratio Lower Upper

156 100

77 157.5 89.9 269.7

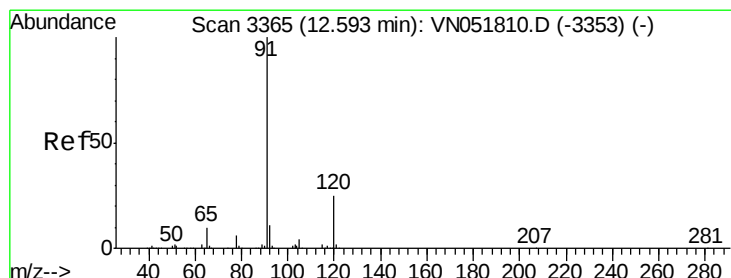
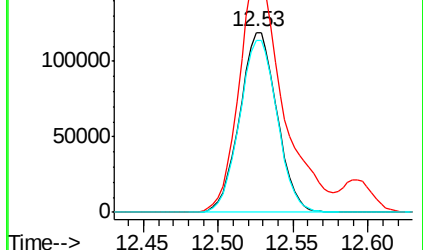
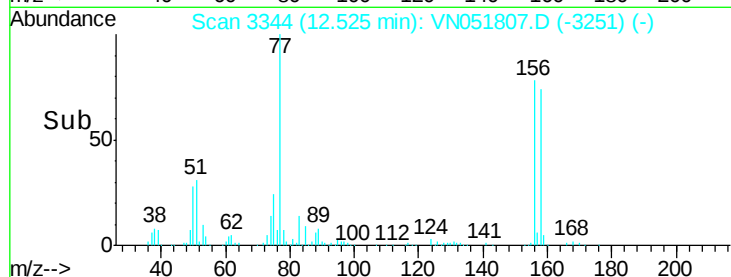
158 96.7 49.3 147.9



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: 16.54 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051807.D

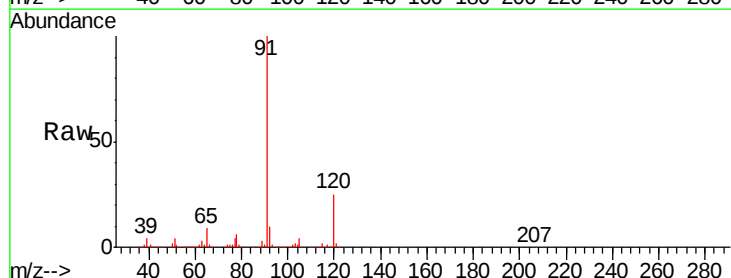
Acq: 11 Oct 2018 10:32

Tgt Ion: 91 Resp: 867958

Ion Ratio Lower Upper

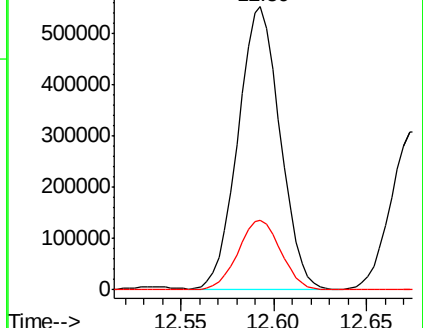
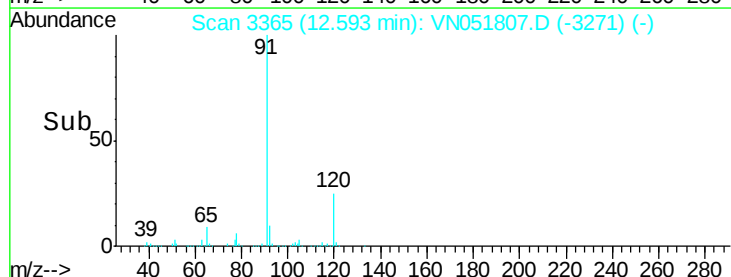
91 100

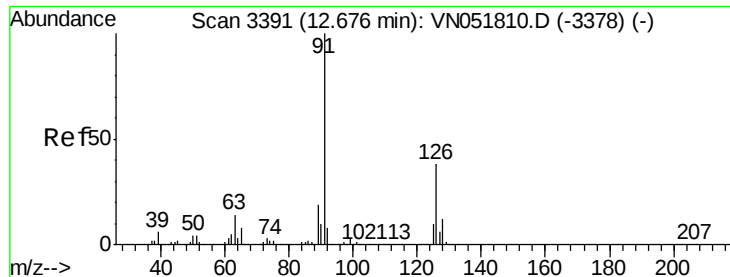
120 25.0 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 15.86 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

Instrument :

MSVOA_N

ClientSampleId :

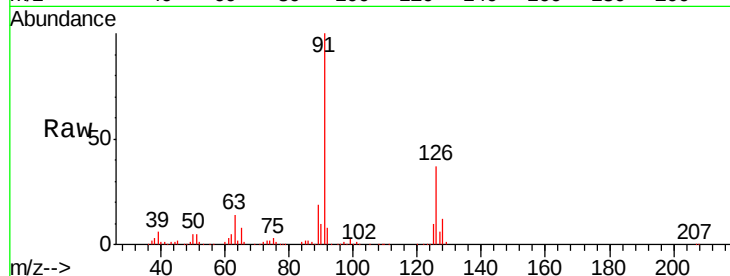
VSTDIC150

Tgt Ion: 91 Resp: 518274

Ion Ratio Lower Upper

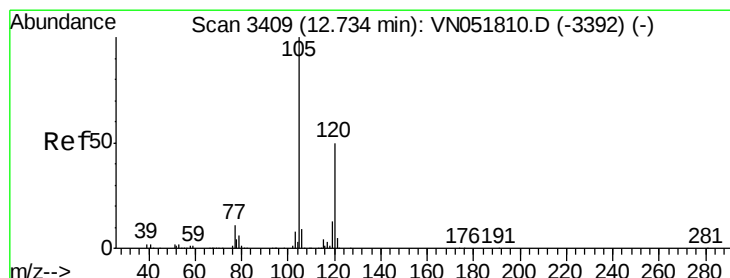
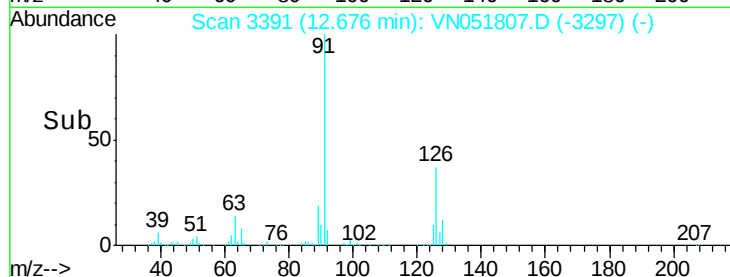
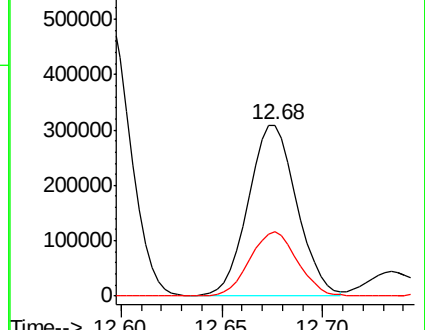
91 100

126 37.3 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN051810.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN051810.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 17.55 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051807.D

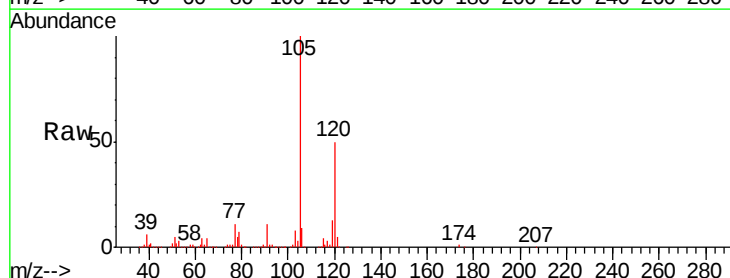
Acq: 11 Oct 2018 10:32

Tgt Ion: 105 Resp: 665024

Ion Ratio Lower Upper

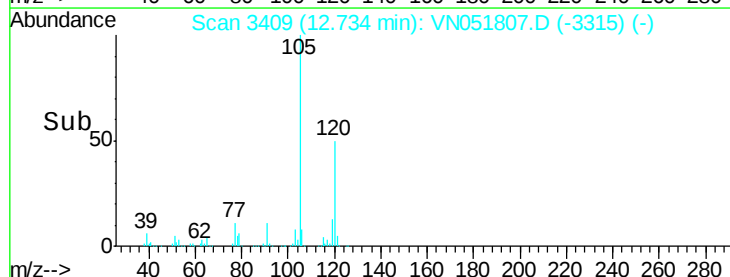
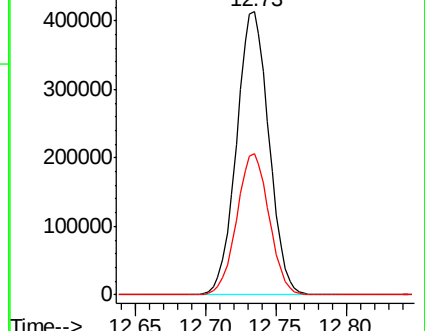
105 100

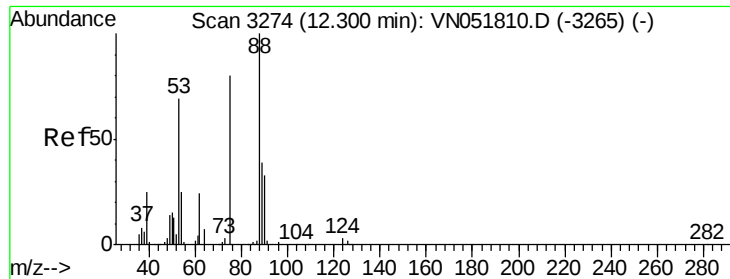
120 49.9 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN051810.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN051810.D (-3392) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 15.13 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

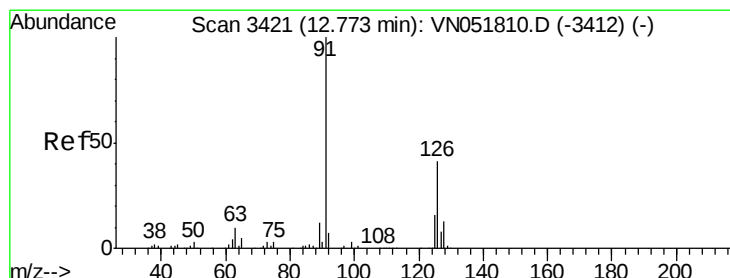
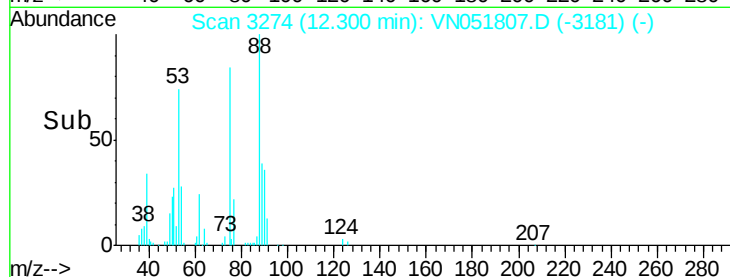
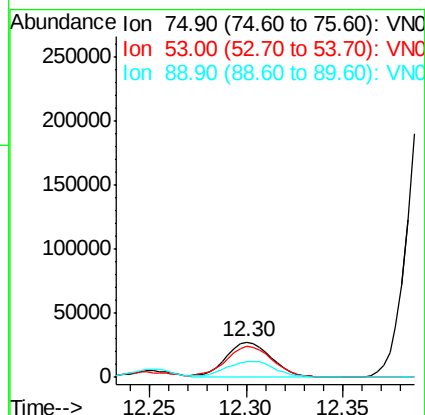
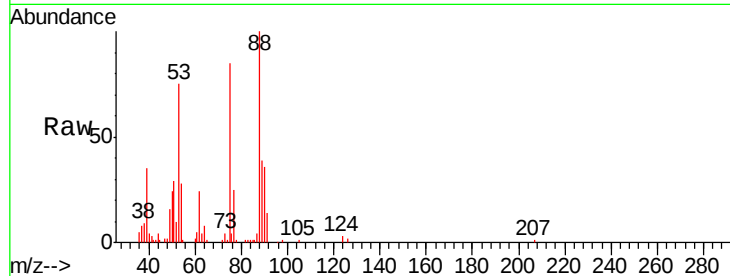
Tgt Ion: 75 Resp: 44449

Ion Ratio Lower Upper

75 100

53 92.5 68.9 103.3

89 49.6 36.1 54.1



#82

4-Chlorotoluene

Concen: 15.94 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051807.D

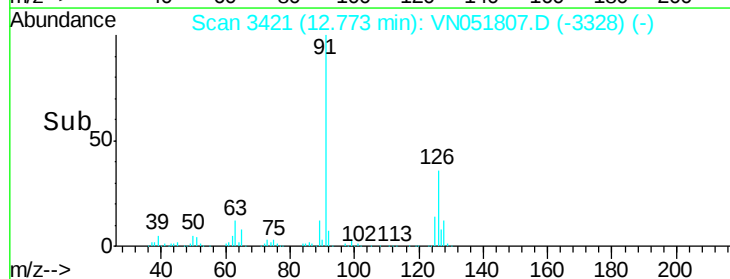
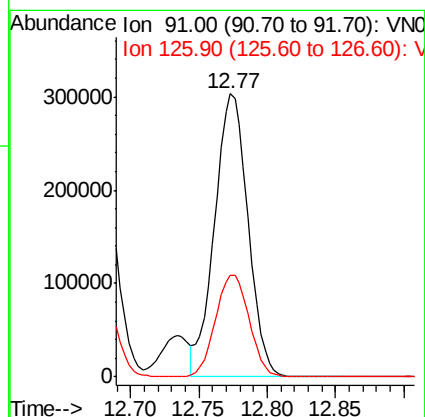
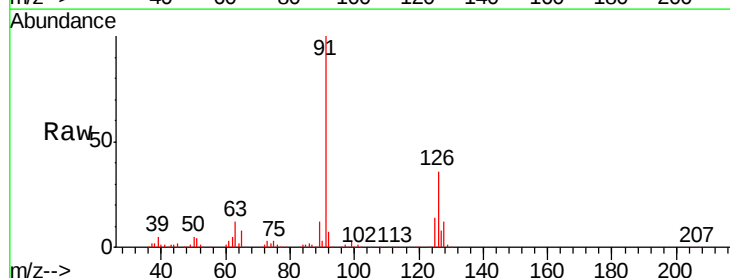
Acq: 11 Oct 2018 10:32

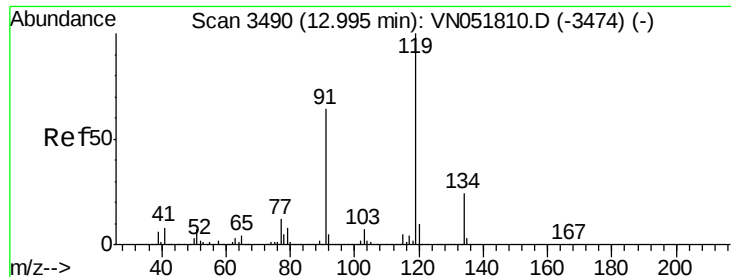
Tgt Ion: 91 Resp: 514331

Ion Ratio Lower Upper

91 100

126 36.5 17.5 52.5

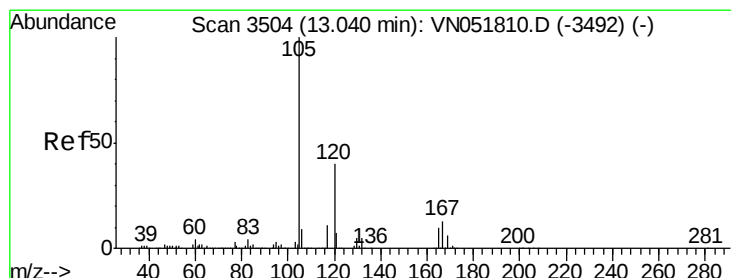
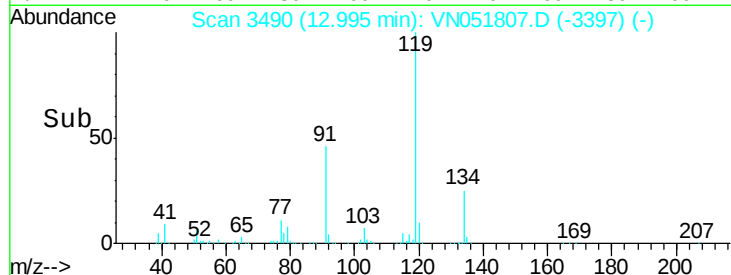
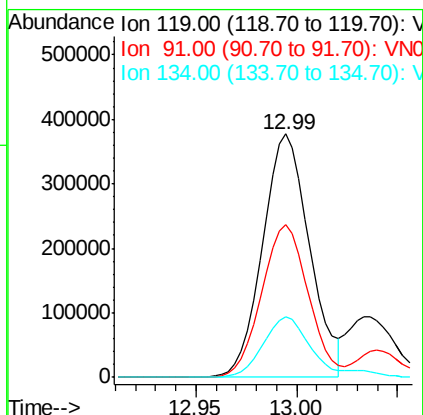
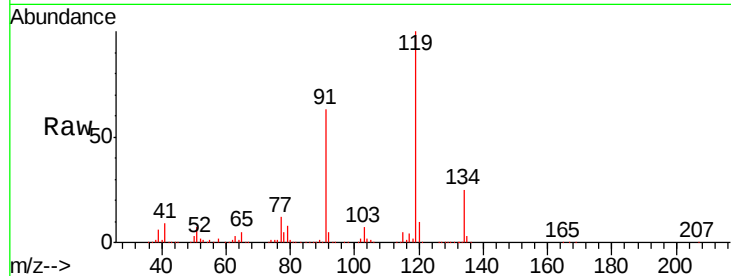




#83
 tert-Butylbenzene
 Concen: 18.64 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN051807.D
 Acq: 11 Oct 2018 10:32

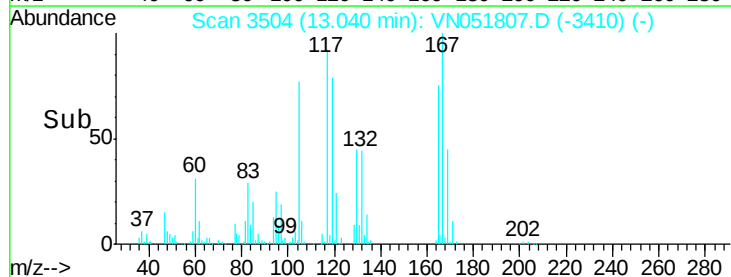
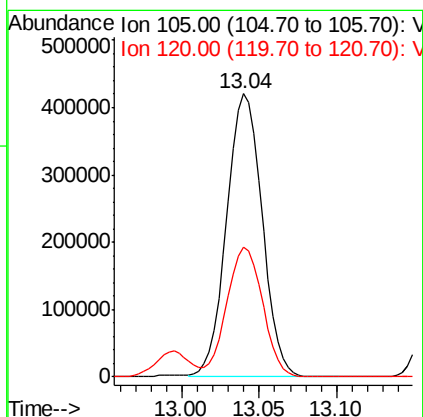
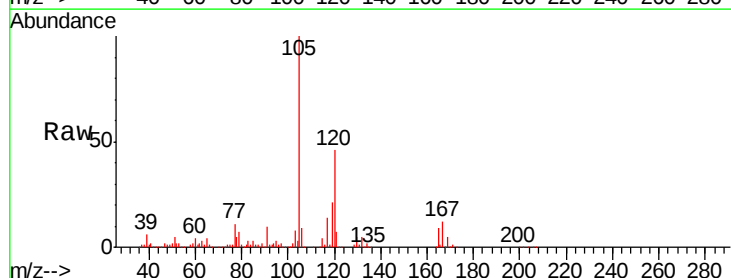
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

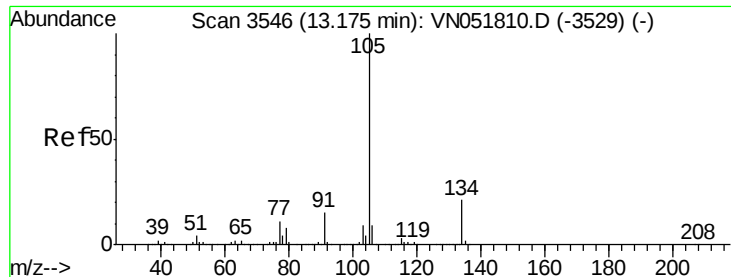
Tgt Ion:119 Resp: 611727
 Ion Ratio Lower Upper
 119 100
 91 62.5 31.6 94.7
 134 24.5 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 17.51 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051807.D
 Acq: 11 Oct 2018 10:32

Tgt Ion:105 Resp: 667426
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.9 68.8

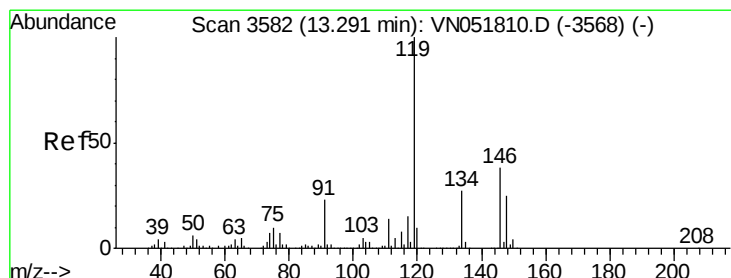
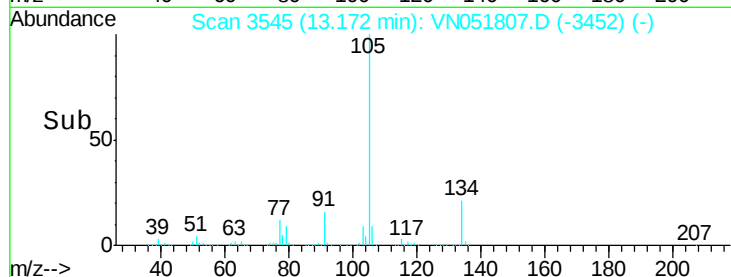
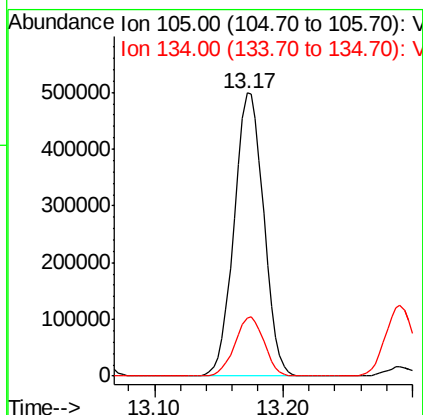
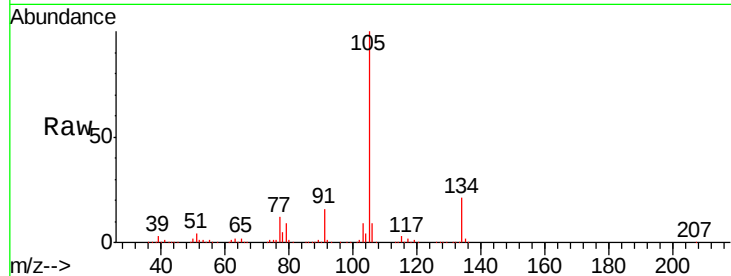




#85
 sec-Butylbenzene
 Concen: 18.44 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN051807.D
 Acq: 11 Oct 2018 10:32

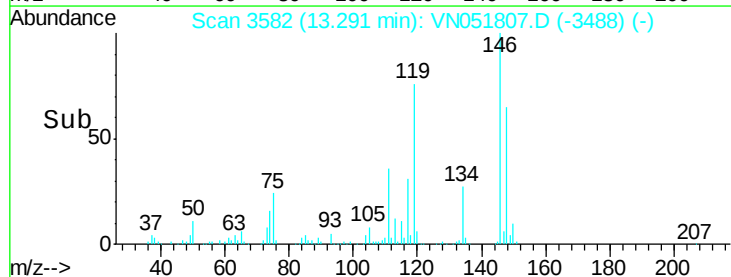
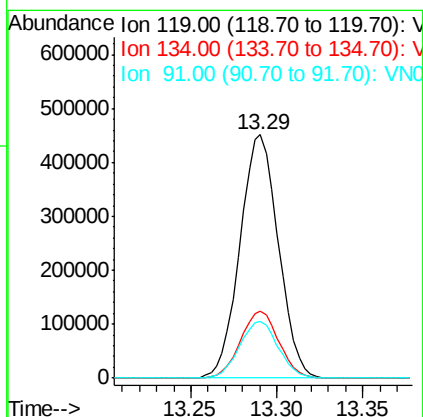
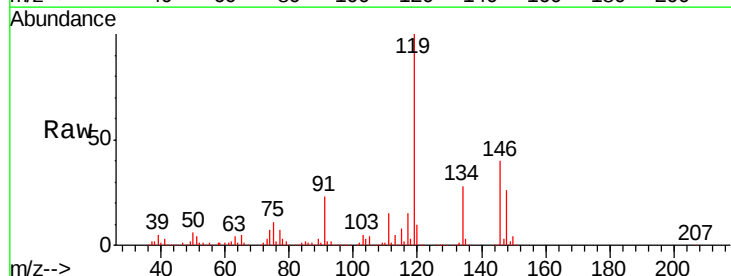
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

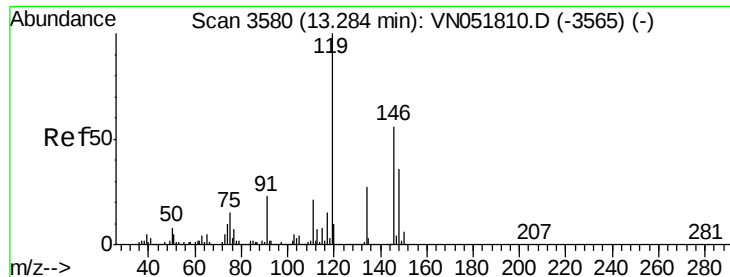
Tgt Ion:105 Resp: 792809
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 19.02 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN051807.D
 Acq: 11 Oct 2018 10:32

Tgt Ion:119 Resp: 696841
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.7 41.0
 91 23.5 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 16.42 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

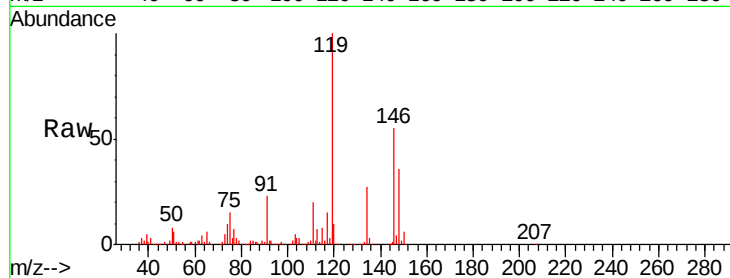
Tgt Ion:146 Resp: 355717

Ion Ratio Lower Upper

146 100

111 37.5 19.1 57.3

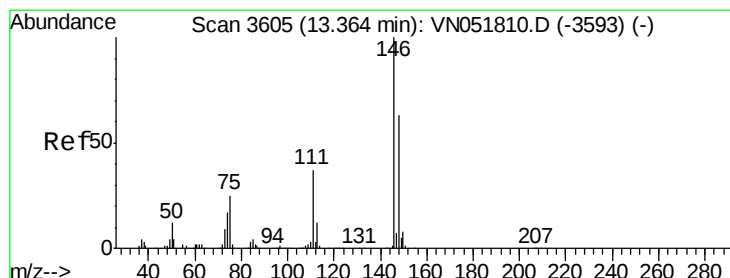
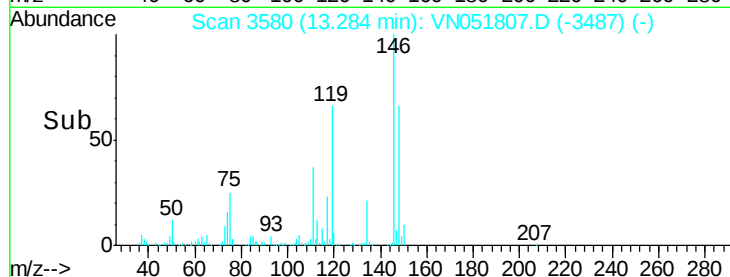
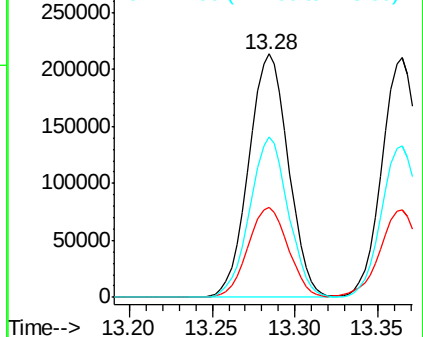
148 63.9 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 15.97 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

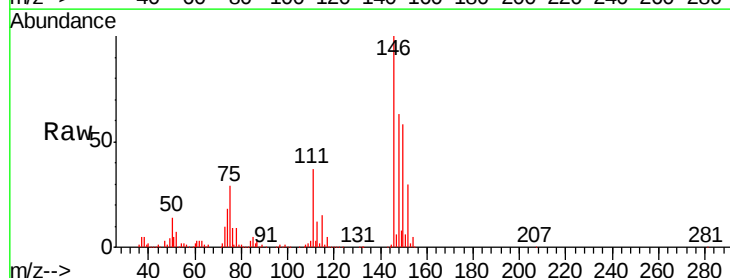
Tgt Ion:146 Resp: 340495

Ion Ratio Lower Upper

146 100

111 38.0 18.8 56.3

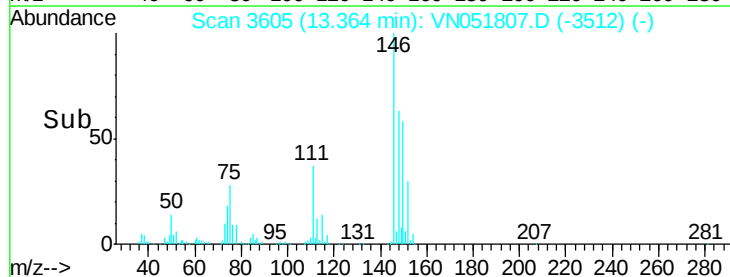
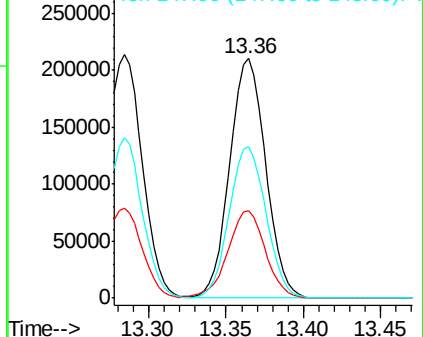
148 64.5 32.2 96.6

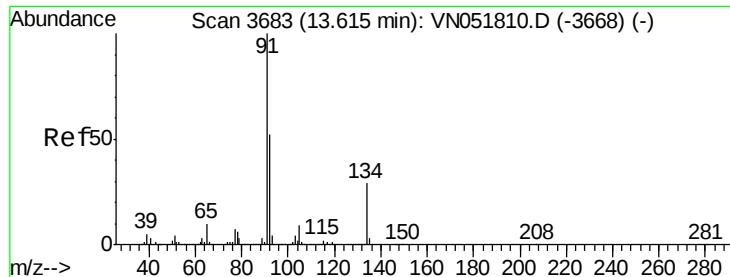


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

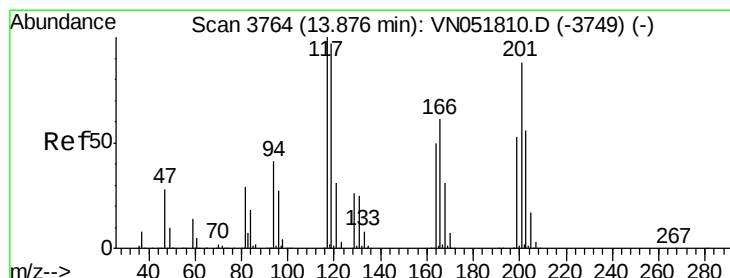
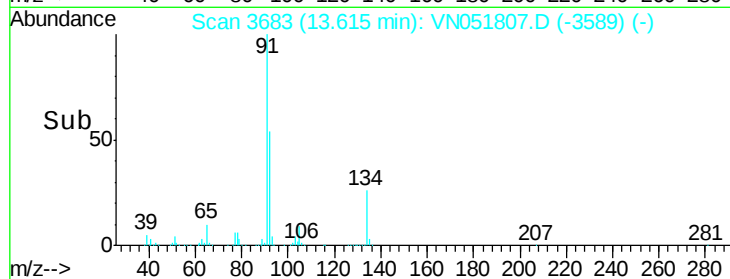
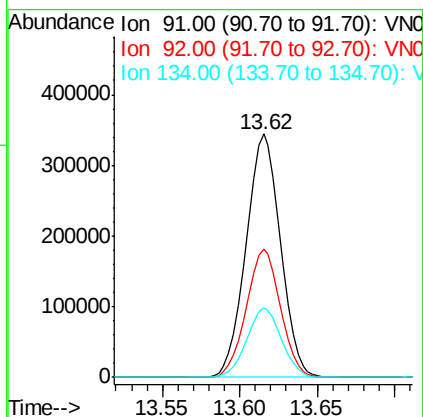
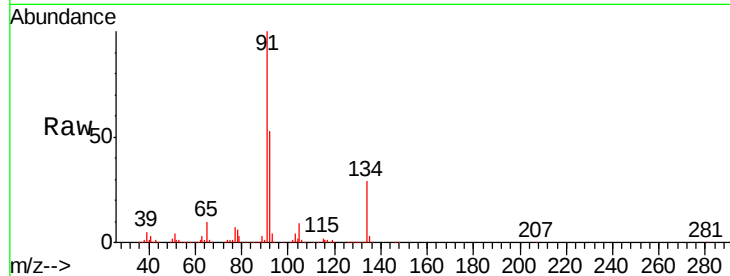




#89
n-Butylbenzene
Concen: 18.21 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051807.D
Acq: 11 Oct 2018 10:32

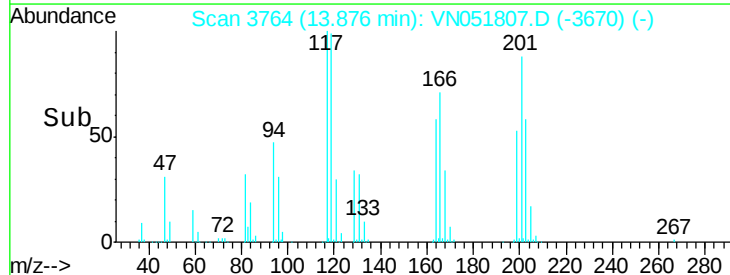
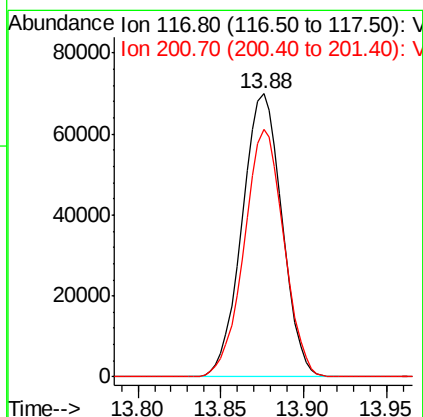
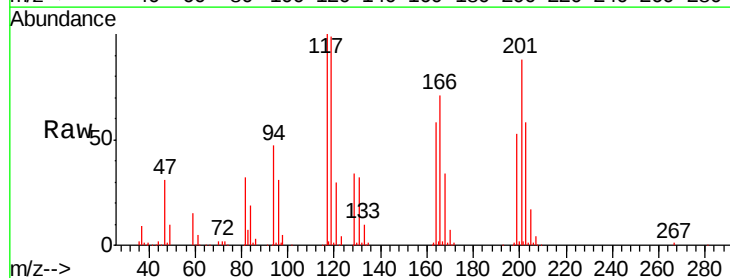
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

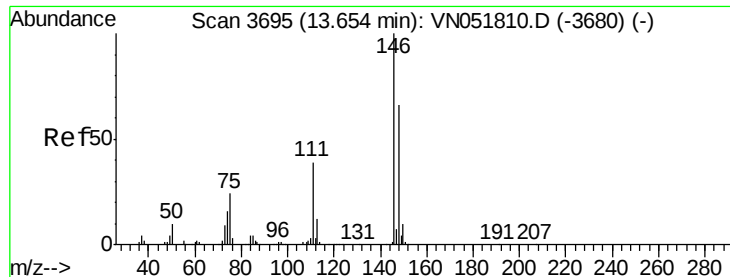
Tgt Ion: 91 Resp: 533637
Ion Ratio Lower Upper
91 100
92 52.3 26.1 78.2
134 28.7 13.2 39.6



#90
Hexachloroethane
Concen: 15.46 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN051807.D
Acq: 11 Oct 2018 10:32

Tgt Ion: 117 Resp: 117225
Ion Ratio Lower Upper
117 100
201 87.1 46.0 137.8





#91

1,2-Dichlorobenzene

Concen: 16.61 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

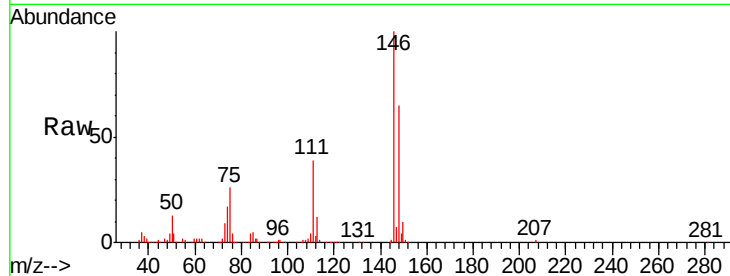
Tgt Ion:146 Resp: 346985

Ion Ratio Lower Upper

146 100

111 38.8 19.8 59.3

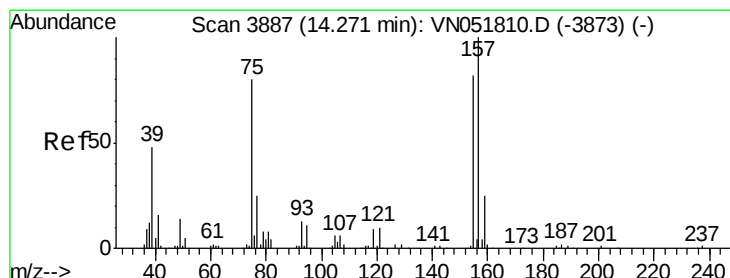
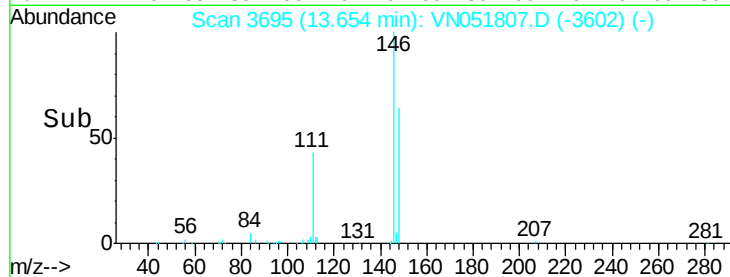
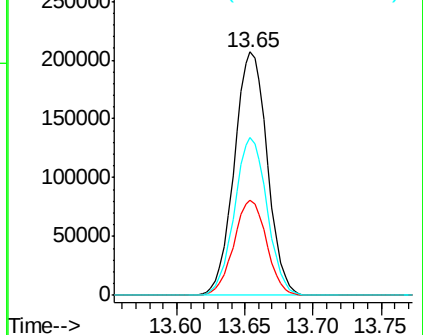
148 64.1 32.3 96.8



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: 16.61 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

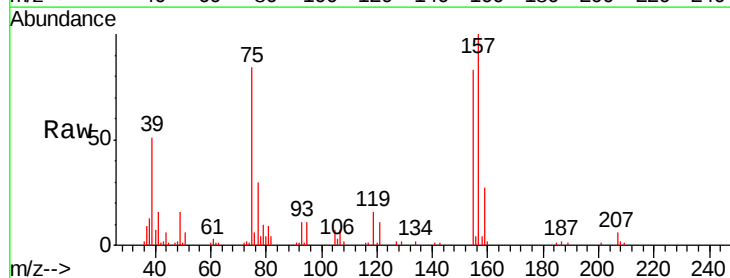
Tgt Ion: 75 Resp: 28007

Ion Ratio Lower Upper

75 100

155 99.6 46.4 139.1

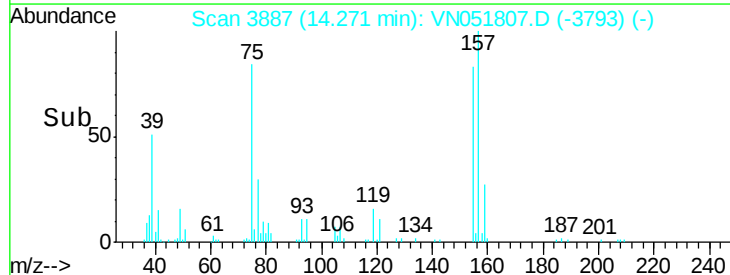
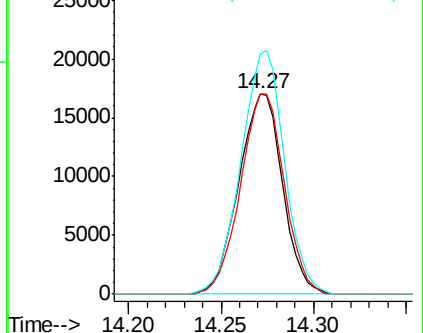
157 121.2 60.7 182.0

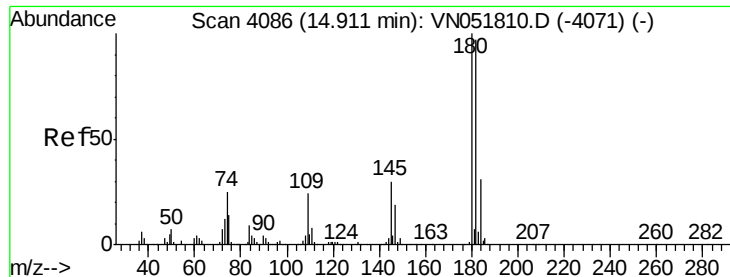


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

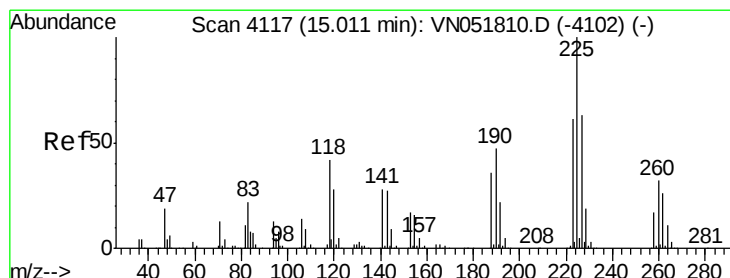
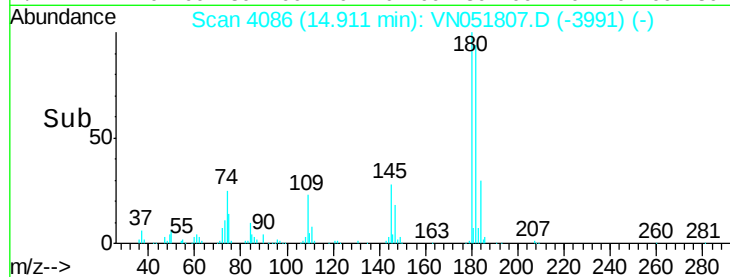
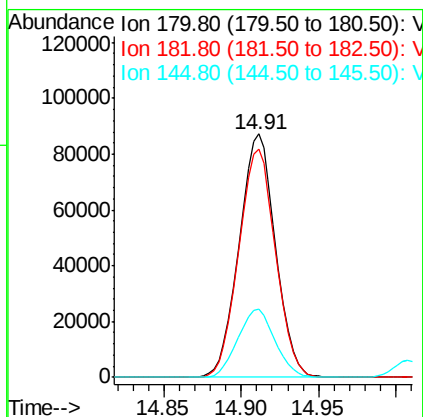
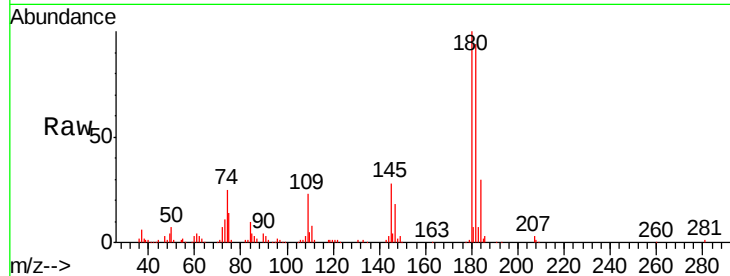




#93
 1,2,4-Trichlorobenzene
 Concen: 15.66 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051807.D
 Acq: 11 Oct 2018 10:32

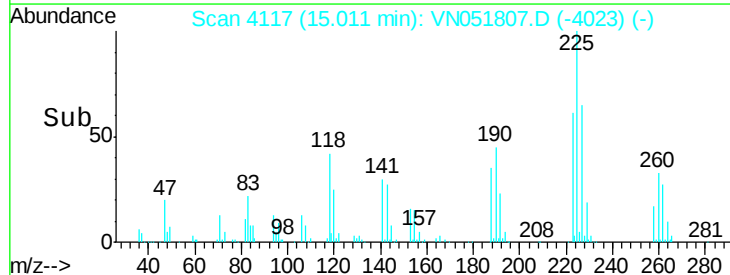
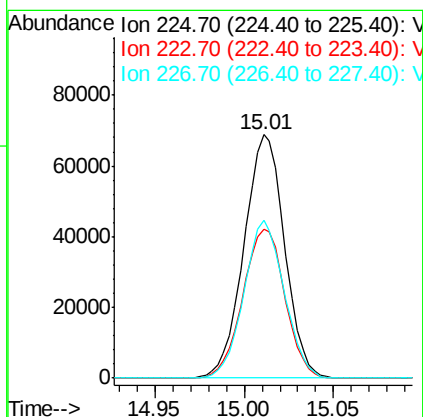
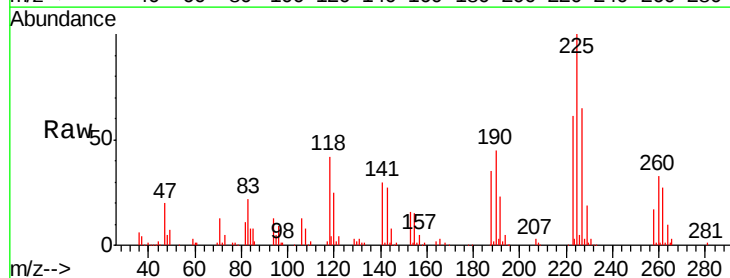
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

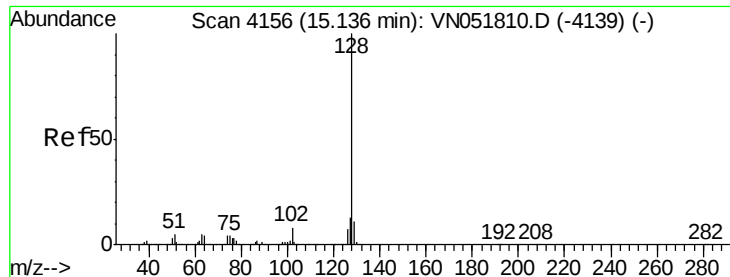
Tgt Ion:180 Resp: 142445
 Ion Ratio Lower Upper
 180 100
 182 94.8 48.2 144.6
 145 28.5 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 16.02 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051807.D
 Acq: 11 Oct 2018 10:32

Tgt Ion:225 Resp: 109144
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.3 93.8
 227 64.1 32.0 96.2





#95

Naphthalene

Concen: 15.97 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

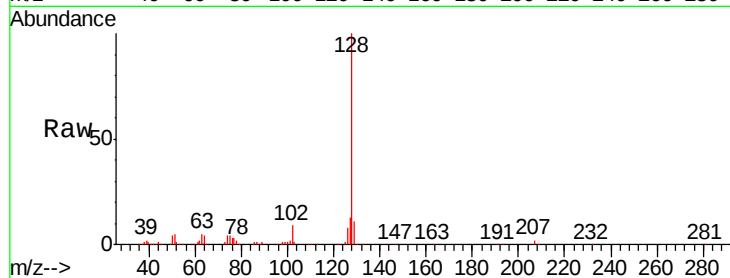
Tgt Ion:128 Resp: 286608

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

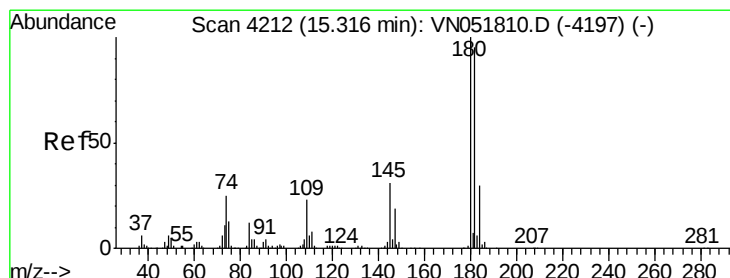
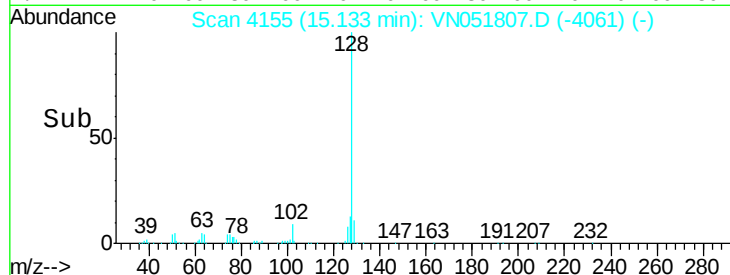
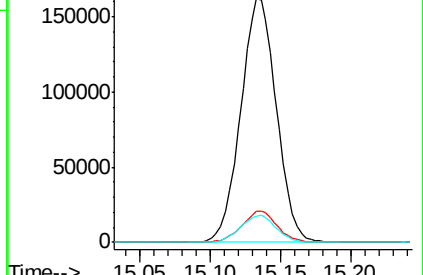
129 11.0 8.7 13.1



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: 16.36 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051807.D

Acq: 11 Oct 2018 10:32

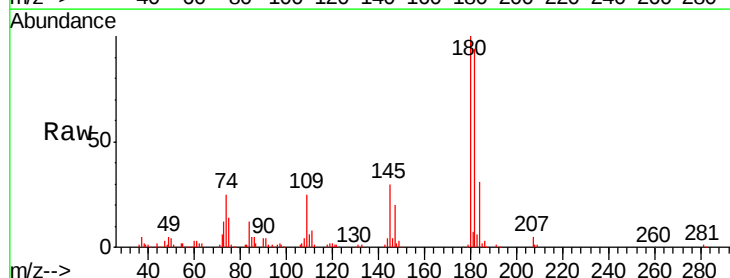
Tgt Ion:180 Resp: 144897

Ion Ratio Lower Upper

180 100

182 94.6 48.0 144.2

145 29.0 15.2 45.6



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

