

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081018\
 Data File : VN050535.D
 Acq On : 10 Aug 2018 23:13
 Operator : MD\SY
 Sample : VN0810WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBSD02

Quant Time: Aug 11 04:58:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	589086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	891545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	799232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	402946	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	394881	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
35) Dibromofluoromethane	7.59	113	360620	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	10.09	98	1315347	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
62) 4-Bromofluorobenzene	12.40	95	427231	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	122726	18.77	ug/l	99
3) Chloromethane	2.06	50	155864	19.27	ug/l	98
4) Vinyl Chloride	2.18	62	163603	19.33	ug/l	97
5) Bromomethane	2.56	94	92167	22.55	ug/l	99
6) Chloroethane	2.70	64	101492	19.46	ug/l	97
7) Trichlorofluoromethane	3.01	101	220820	20.20	ug/l	99
8) Diethyl Ether	3.41	74	77174	19.25	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	135729	20.09	ug/l	99
10) Methyl Iodide	3.95	142	71036	23.87	ug/l	100
11) Tert butyl alcohol	4.80	59	48425	76.59	ug/l	99
12) 1,1-Dichloroethene	3.74	96	121753	19.12	ug/l	97
13) Acrolein	3.61	56	34801	54.79	ug/l	100
14) Allyl chloride	4.33	41	188432	18.42	ug/l	97
15) Acrylonitrile	4.99	53	240286	90.73	ug/l	99
16) Acetone	3.82	43	210228	89.33	ug/l	98
17) Carbon Disulfide	4.05	76	358759	17.32	ug/l	100
18) Methyl Acetate	4.33	43	128444	20.95	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	342152	18.93	ug/l	99
20) Methylene Chloride	4.55	84	147619	19.62	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	133714	19.40	ug/l	98
22) Diisopropyl ether	5.96	45	432737	20.71	ug/l	97
23) Vinyl Acetate	5.90	43	1406757	94.37	ug/l	99
24) 1,1-Dichloroethane	5.85	63	259414	20.24	ug/l	99
25) 2-Butanone	6.84	43	337232	86.47	ug/l	98
26) 2,2-Dichloropropane	6.83	77	160316	15.17	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	152990	20.03	ug/l	98
28) Bromochloromethane	7.20	49	128400	21.76	ug/l	99
29) Tetrahydrofuran	7.22	42	177135	84.85	ug/l	99
30) Chloroform	7.37	83	265146	20.69	ug/l	98
31) Cyclohexane	7.66	56	213740	18.55	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	222586	20.22	ug/l	100
36) 1,1-Dichloropropene	7.80	75	192629	19.66	ug/l	99
37) Ethyl Acetate	6.93	43	124421	17.64	ug/l	98
38) Carbon Tetrachloride	7.78	117	195460	19.13	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	186163	17.41	ug/l	98
40) Benzene	8.05	78	592816	19.68	ug/l	100
41) Methacrylonitrile	7.18	41	61487	16.39	ug/l	89
42) 1,2-Dichloroethane	8.13	62	185702	19.42	ug/l	100
43) Isopropyl Acetate	8.17	43	225286	18.50	ug/l #	88
44) Trichloroethene	8.84	130	155362	19.20	ug/l	100
45) 1,2-Dichloropropane	9.12	63	158134	19.97	ug/l	100
46) Dibromomethane	9.21	93	92406	18.90	ug/l	97
47) Bromodichloromethane	9.40	83	197053	19.46	ug/l	100
48) Methyl methacrylate	9.20	41	104513	17.12	ug/l	98
49) 1,4-Dioxane	9.20	88	28265	300.43	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	770102	87.81	ug/l	99
52) Toluene	10.16	92	358571	19.82	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	181382	17.84	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	214313	18.89	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	136951	19.39	ug/l	99
56) Ethyl methacrylate	10.43	69	160618	17.23	ug/l	97
57) 1,3-Dichloropropane	10.71	76	225128	19.42	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	381514	86.87	ug/l	100
59) 2-Hexanone	10.75	43	495957	81.03	ug/l	99
60) Dibromochloromethane	10.90	129	147054	18.90	ug/l	99
61) 1,2-Dibromoethane	11.01	107	129331	18.58	ug/l	97
64) Tetrachloroethene	10.63	164	149038	19.96	ug/l	99
65) Chlorobenzene	11.44	112	387308	19.33	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	147880	20.28	ug/l	100
67) Ethyl Benzene	11.51	91	633815	19.57	ug/l	99
68) m/p-Xylenes	11.62	106	496531	40.27	ug/l	100
69) o-Xylene	11.95	106	234177	19.72	ug/l	99
70) Styrene	11.97	104	386581	20.01	ug/l	100
71) Bromoform	12.13	173	99513	18.67	ug/l #	100
73) Isopropylbenzene	12.25	105	624256	20.64	ug/l	100
74) N-amyl acetate	12.07	43	171777	17.52	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	170885	19.58	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	190510	26.12	ug/l #	100
77) Bromobenzene	12.53	156	166130	20.50	ug/l	99
78) n-propylbenzene	12.59	91	702761	20.53	ug/l	99
79) 2-Chlorotoluene	12.68	91	436557	20.65	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	513824	20.93	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	34047	16.40	ug/l	97
82) 4-Chlorotoluene	12.77	91	441127	20.92	ug/l	99
83) tert-Butylbenzene	12.99	119	432148	20.17	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	525122	21.11	ug/l	100
85) sec-Butylbenzene	13.17	105	572176	20.04	ug/l	99
86) p-Isopropyltoluene	13.29	119	488977	19.99	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	287829	19.94	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	278105	19.30	ug/l	97
89) n-Butylbenzene	13.62	91	373028	17.91	ug/l	99
90) Hexachloroethane	13.88	117	83309	19.15	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	283651	19.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24487	16.53	ug/l	99

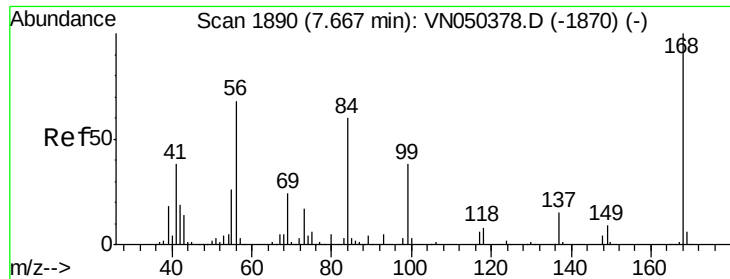
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081018\
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Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	128518	17.44	ug/l	97
94) Hexachlorobutadiene	15.01	225	85466	20.25	ug/l	97
95) Naphthalene	15.14	128	264931	16.22	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	129164	17.34	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

Instrument :

MSVOA_N

ClientSampleID :

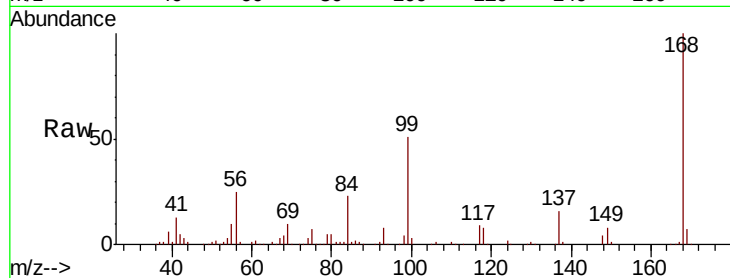
VN0810WBSD02

Tot Ion:168 Resp: 589086

Ion Ratio Lower Upper

168 100

99 50.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050378.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050378.D (-1870) (-)

7.67

250000

200000

150000

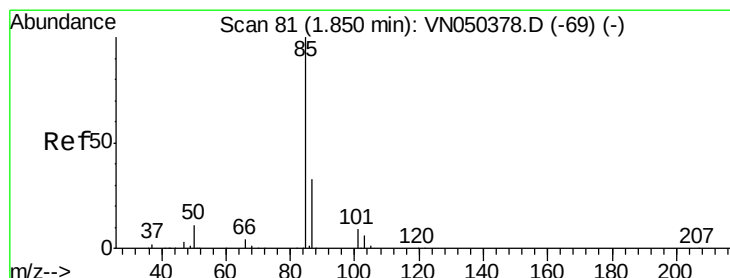
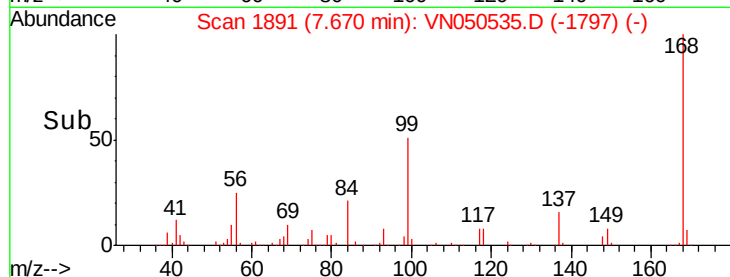
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.77 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN050535.D

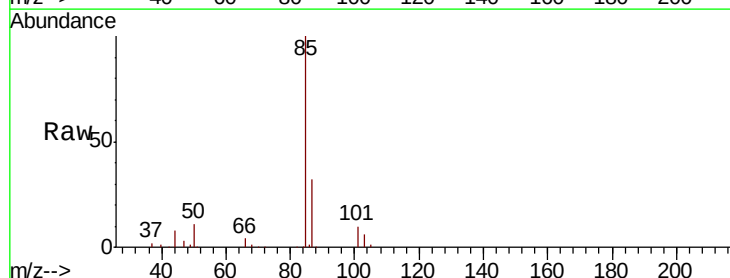
Acq: 10 Aug 2018 23:13

Tgt Ion: 85 Resp: 122726

Ion Ratio Lower Upper

85 100

87 31.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN050378.D (-69) (-)

Ion 86.90 (86.60 to 87.60): VN050378.D (-69) (-)

1.85

100000

80000

60000

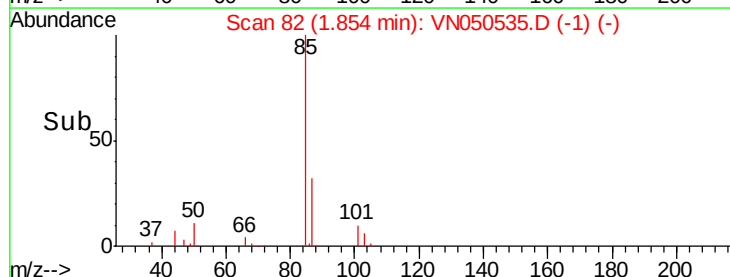
40000

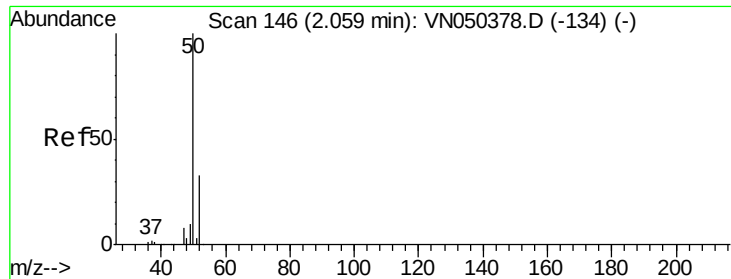
20000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 19.27 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

Instrument :

MSVOA_N

ClientSampleId :

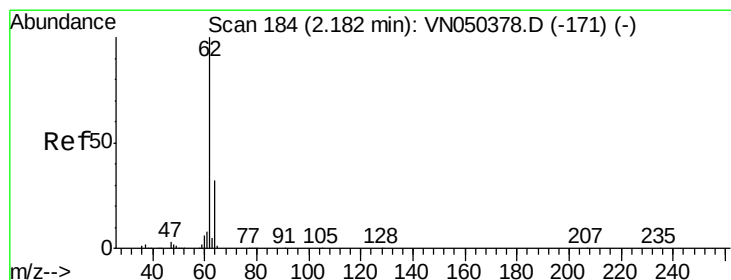
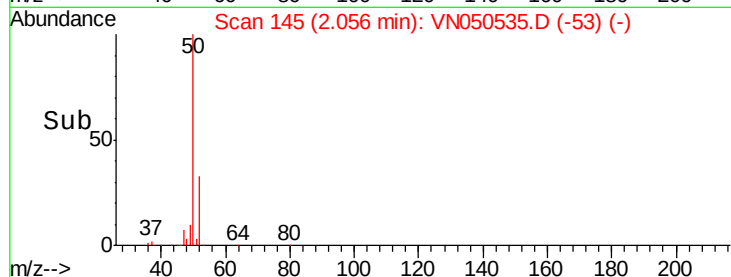
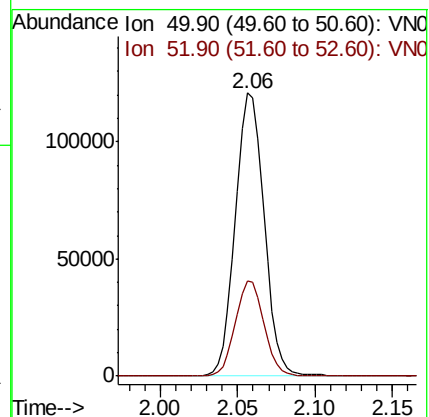
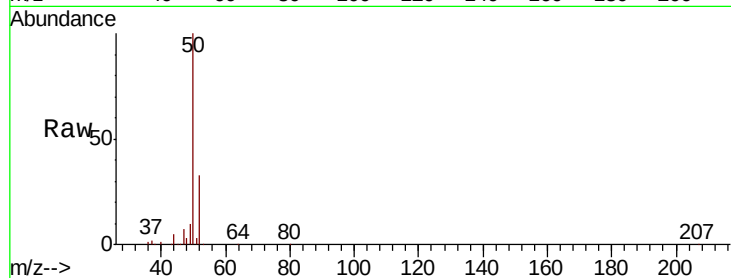
VN0810WBSD02

Tot Ion: 50 Resp: 155864

Ion Ratio Lower Upper

50 100

52 33.5 25.9 38.9



#4

Vinyl Chloride

Concen: 19.33 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN050535.D

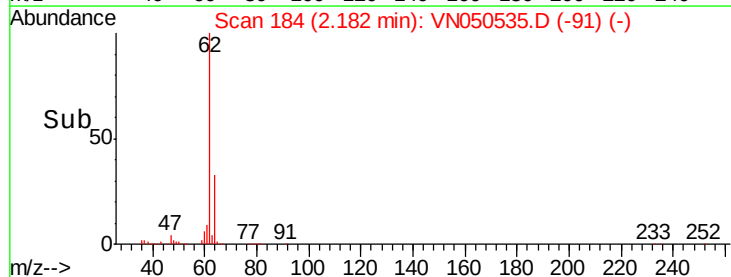
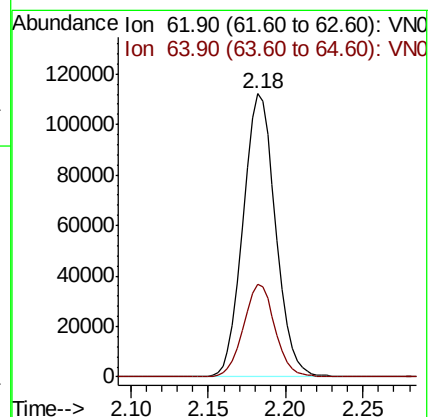
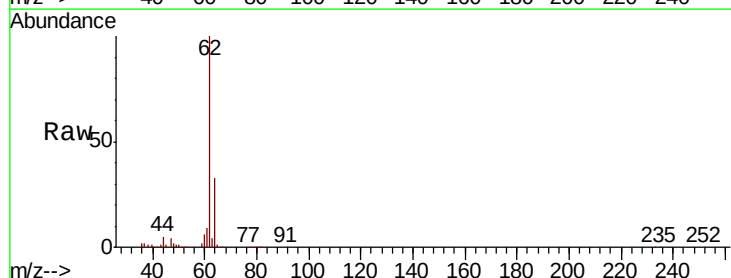
Acq: 10 Aug 2018 23:13

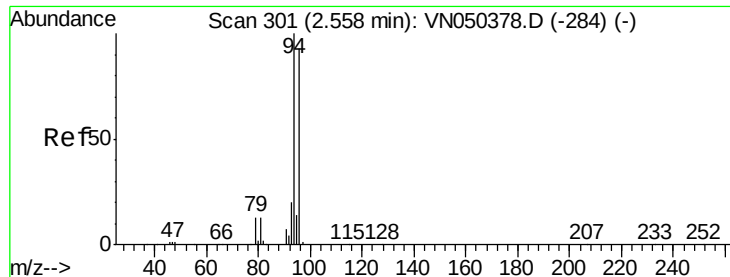
Tgt Ion: 62 Resp: 163603

Ion Ratio Lower Upper

62 100

64 32.5 24.7 37.1





#5

Bromomethane

Concen: 22.55 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.01 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

Instrument :

MSVOA_N

ClientSampleId :

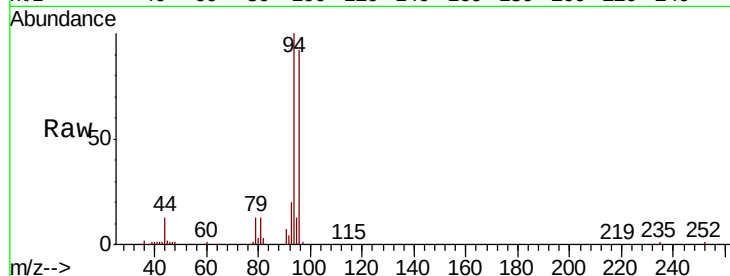
VN0810WBSD02

Tot Ion: 94 Resp: 92167

Ion Ratio Lower Upper

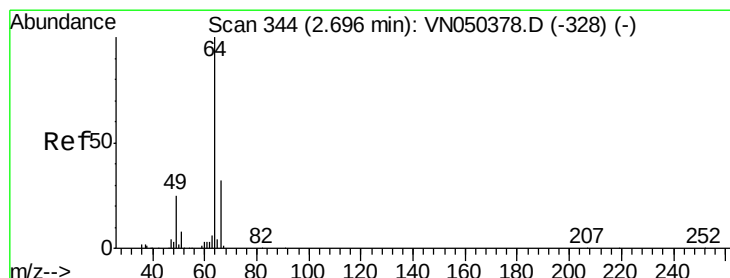
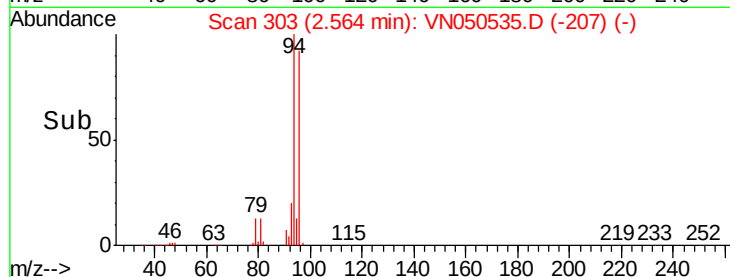
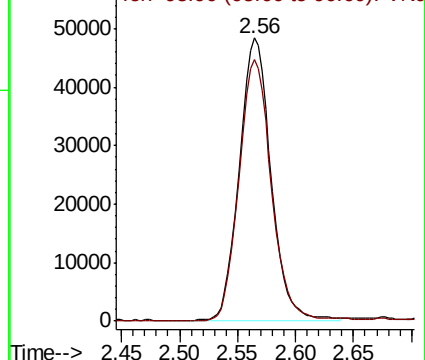
94 100

96 92.3 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.46 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN050535.D

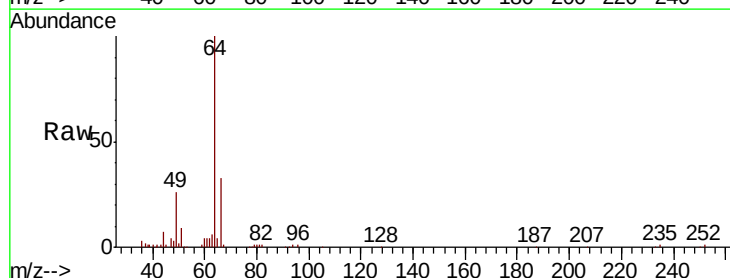
Acq: 10 Aug 2018 23:13

Tgt Ion: 64 Resp: 101492

Ion Ratio Lower Upper

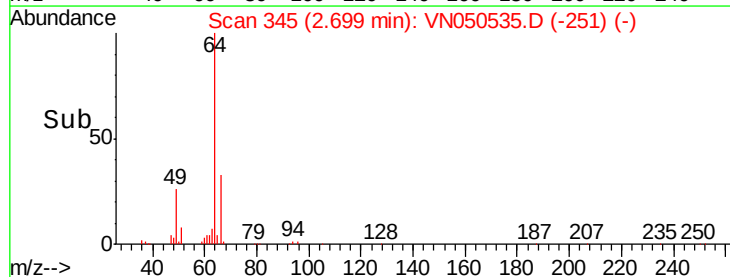
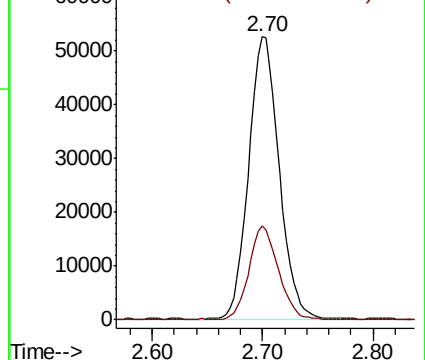
64 100

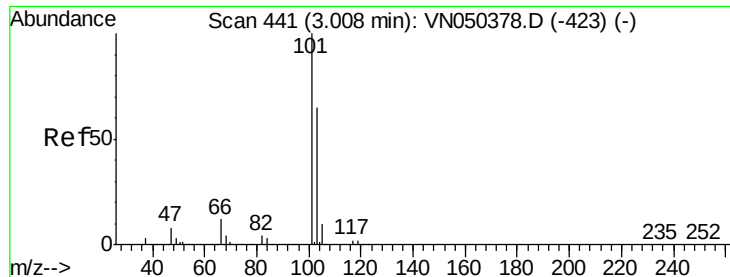
66 33.2 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



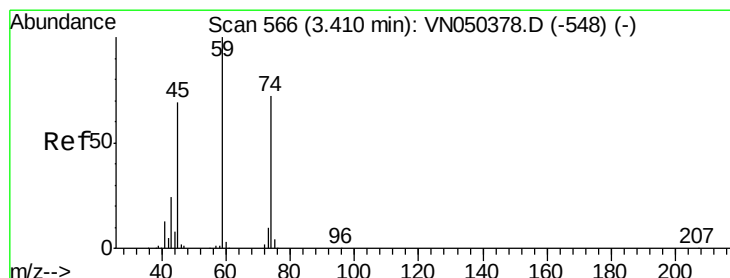
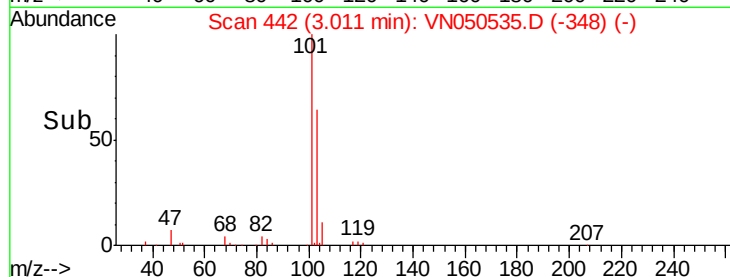
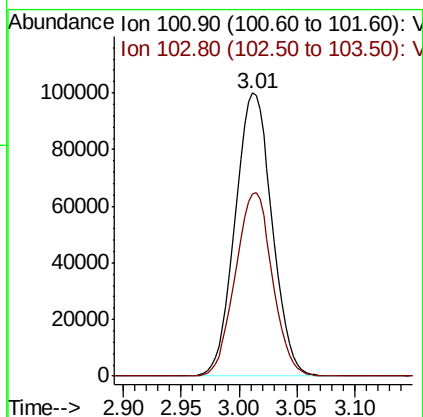
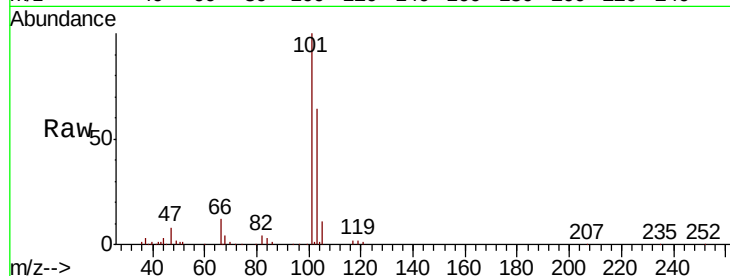


#7

Trichlorofluoromethane
Concen: 20.20 ug/l
RT: 3.01 min Scan# 442
Delta R.T. 0.00 min
Lab File: VN050535.D
Acq: 10 Aug 2018 23:13

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD02

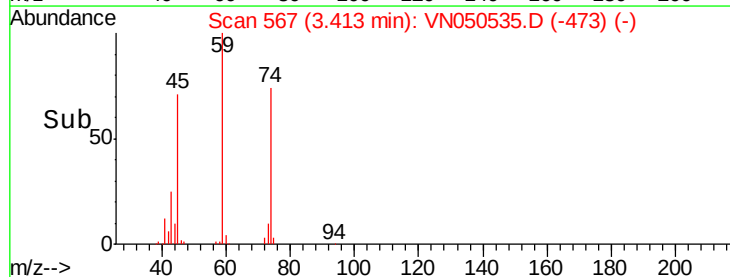
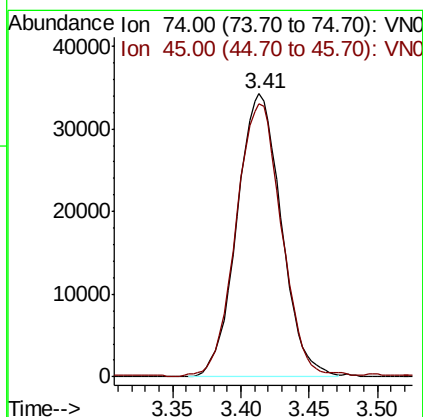
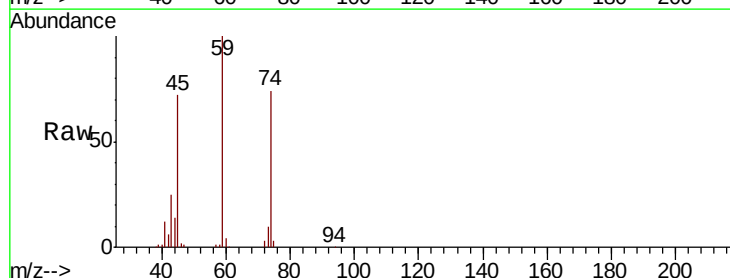
Tot Ion:101 Resp: 220820
Ion Ratio Lower Upper
101 100
103 64.2 51.7 77.5

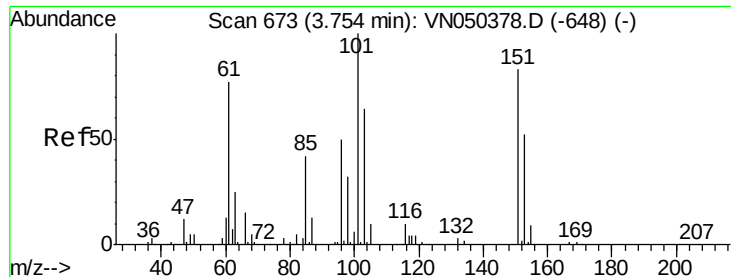


#8

Diethyl Ether
Concen: 19.25 ug/l
RT: 3.41 min Scan# 567
Delta R.T. 0.00 min
Lab File: VN050535.D
Acq: 10 Aug 2018 23:13

Tgt Ion: 74 Resp: 77174
Ion Ratio Lower Upper
74 100
45 99.5 47.6 142.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.09 ug/l

RT: 3.76 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

Instrument :

MSVOA_N

ClientSampleId :

VN0810WBSD02

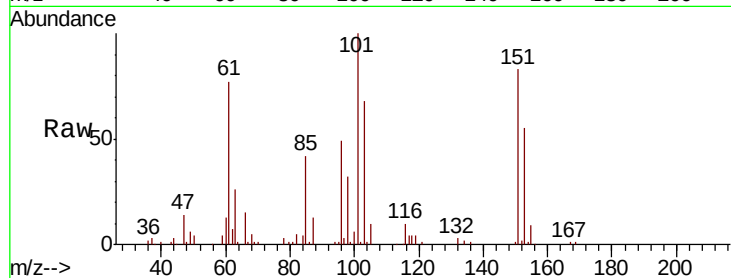
Tot Ion:101 Resp: 135729

Ion Ratio Lower Upper

101 100

85 41.5 34.2 51.2

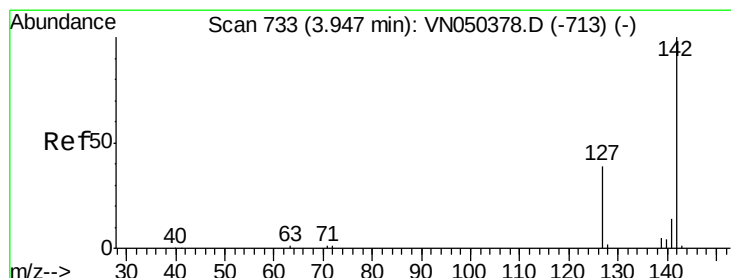
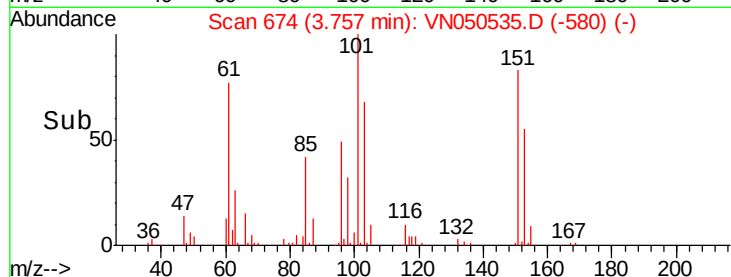
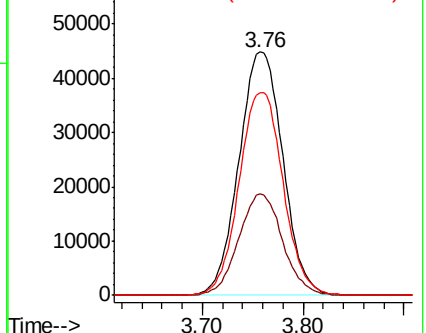
151 83.6 66.3 99.5



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: 23.87 ug/l

RT: 3.95 min Scan# 735

Delta R.T. 0.01 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

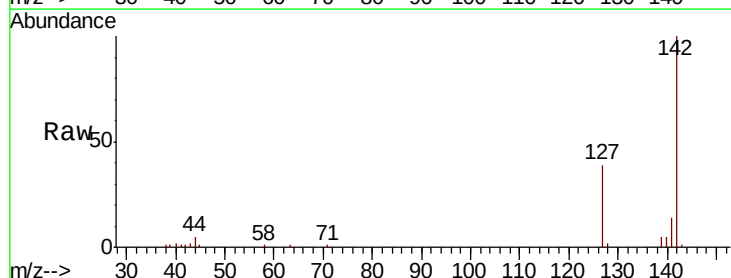
Tgt Ion:142 Resp: 71036

Ion Ratio Lower Upper

142 100

127 41.8 33.4 50.2

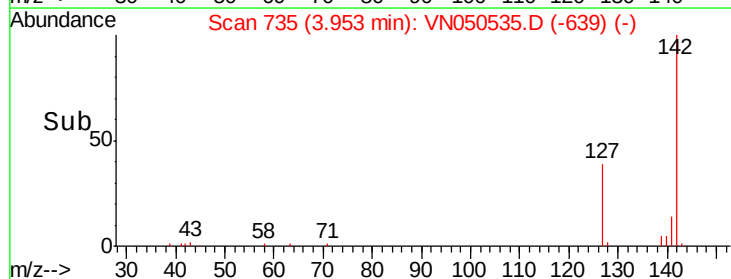
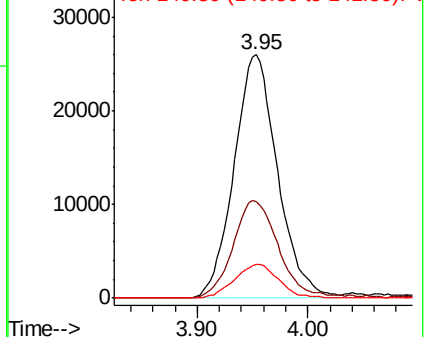
141 13.9 11.6 17.4

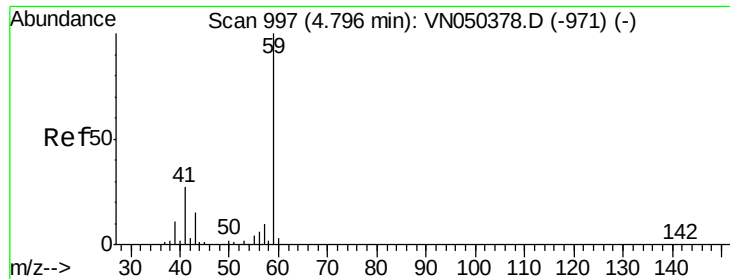


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



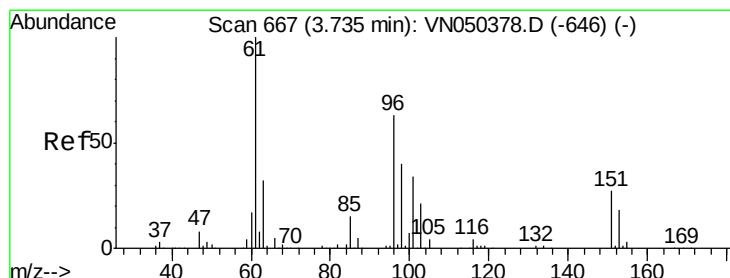
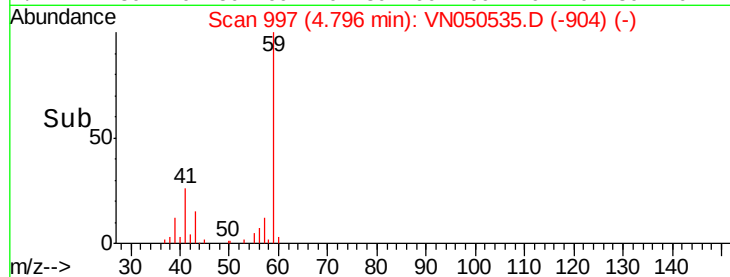
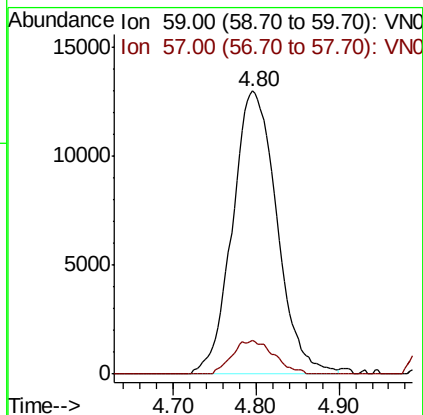
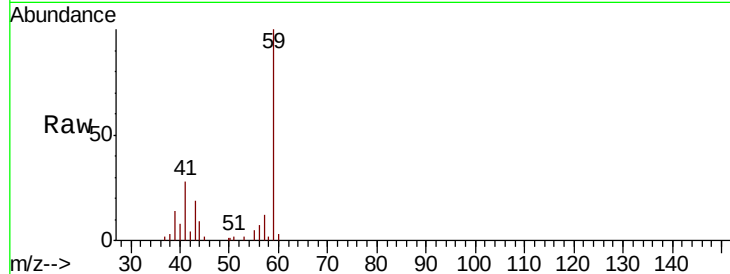


#11

Tert butyl alcohol
 Concen: 76.59 ug/l
 RT: 4.80 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: VN050535.D
 Acq: 10 Aug 2018 23:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBSD02

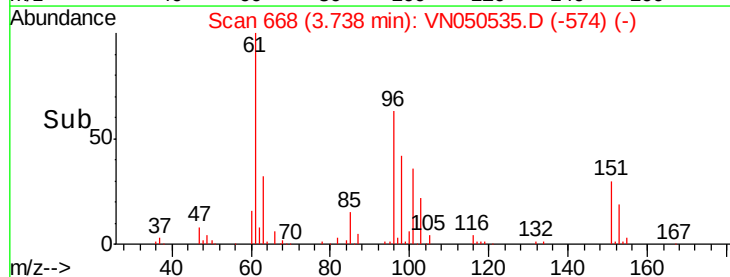
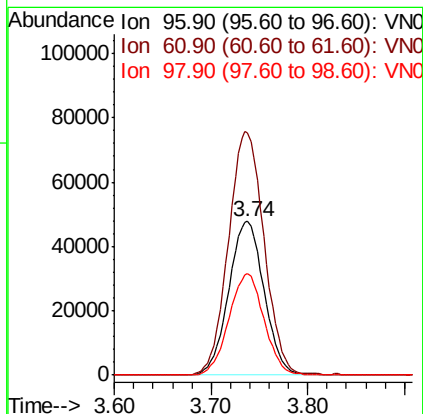
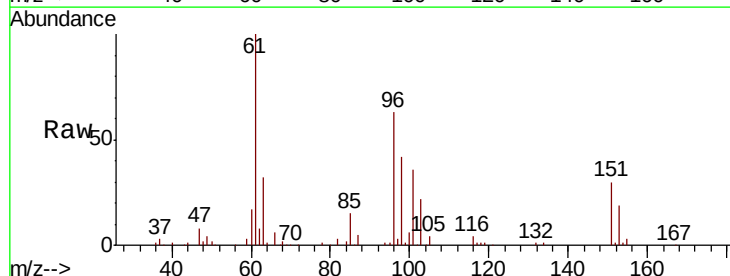
Tot Ion: 59 Resp: 48425
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.5 12.7

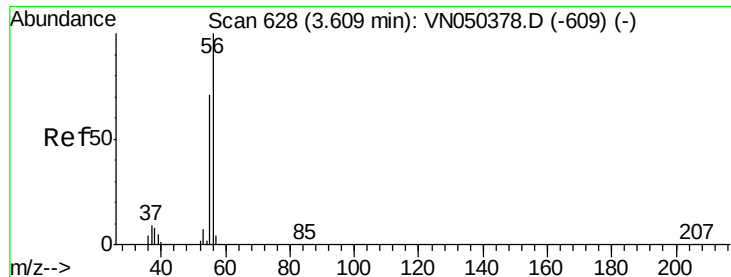


#12

1,1-Dichloroethene
 Concen: 19.12 ug/l
 RT: 3.74 min Scan# 668
 Delta R.T. 0.00 min
 Lab File: VN050535.D
 Acq: 10 Aug 2018 23:13

Tgt Ion: 96 Resp: 121753
 Ion Ratio Lower Upper
 96 100
 61 157.8 124.4 186.6
 98 66.1 48.3 72.5





#13

Acrolein

Concen: 54.79 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

Instrument :

MSVOA_N

ClientSampleId :

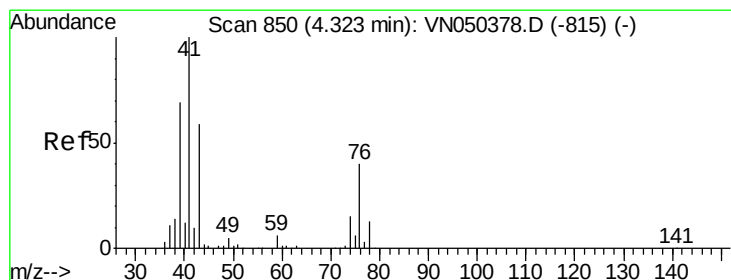
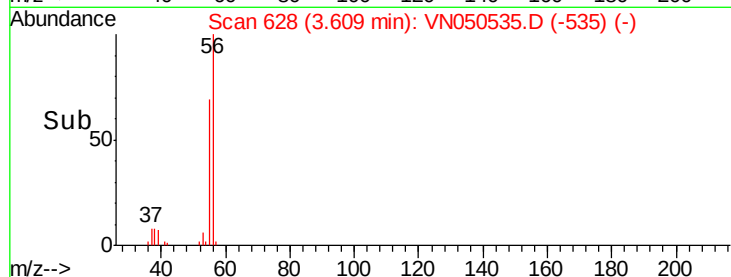
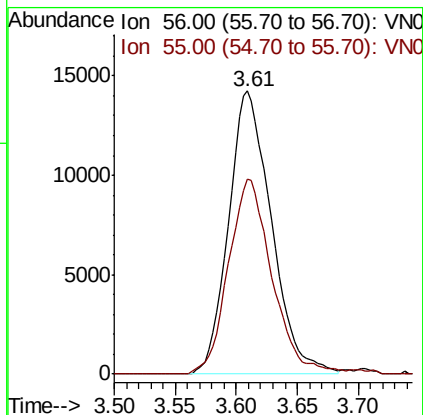
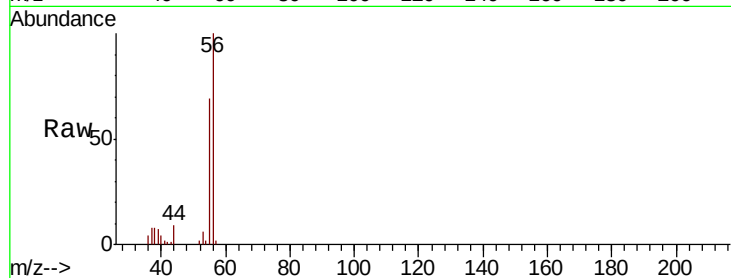
VN0810WBSD02

Tot Ion: 56 Resp: 34801

Ion Ratio Lower Upper

56 100

55 69.8 55.8 83.6



#14

Allyl chloride

Concen: 18.42 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

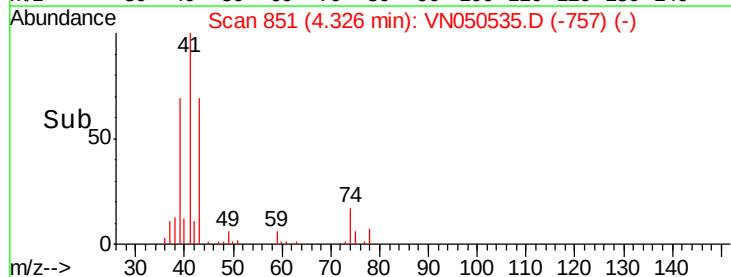
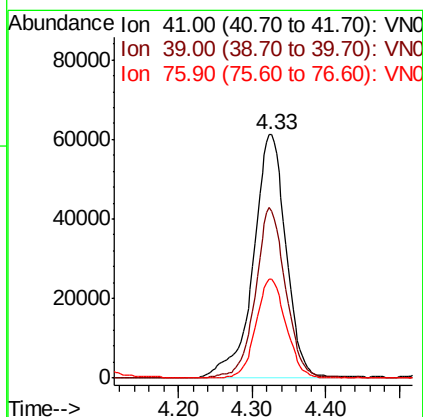
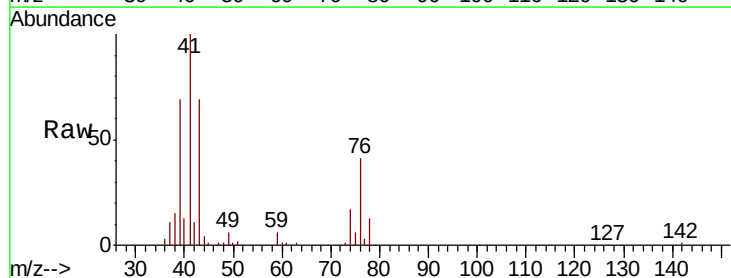
Tgt Ion: 41 Resp: 188432

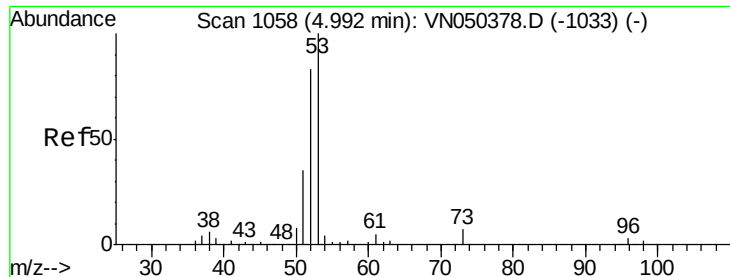
Ion Ratio Lower Upper

41 100

39 64.6 54.2 81.4

76 37.3 29.0 43.6





#15

Acrylonitrile

Concen: 90.73 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

Instrument :

MSVOA_N

ClientSampleId :

VN0810WBSD02

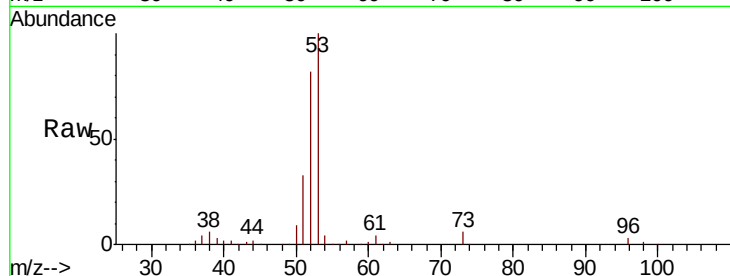
Tot Ion: 53 Resp: 240286

Ion Ratio Lower Upper

53 100

52 81.7 66.2 99.2

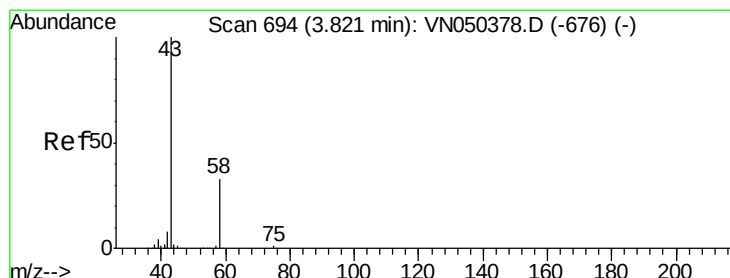
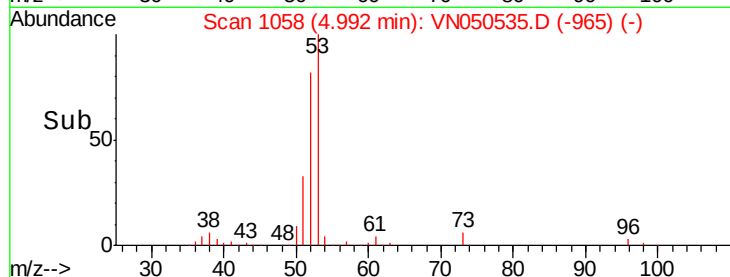
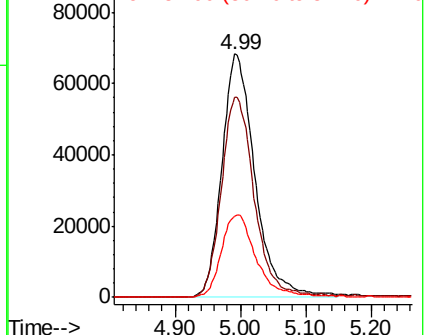
51 35.6 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 89.33 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050535.D

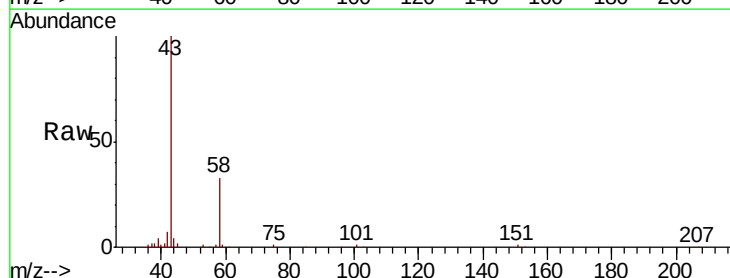
Acq: 10 Aug 2018 23:13

Tgt Ion: 43 Resp: 210228

Ion Ratio Lower Upper

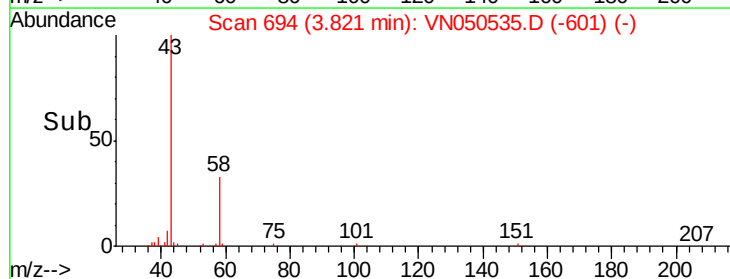
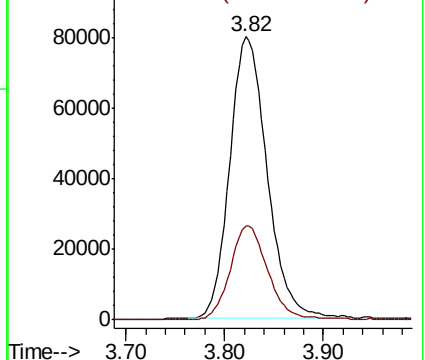
43 100

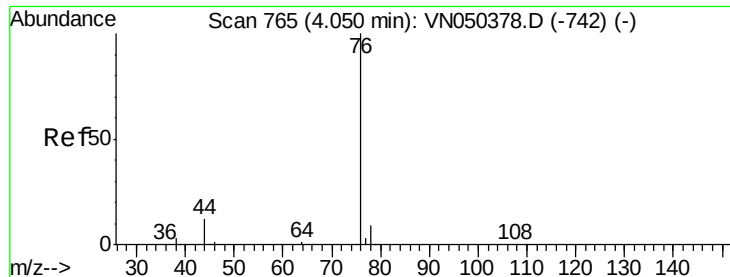
58 33.4 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

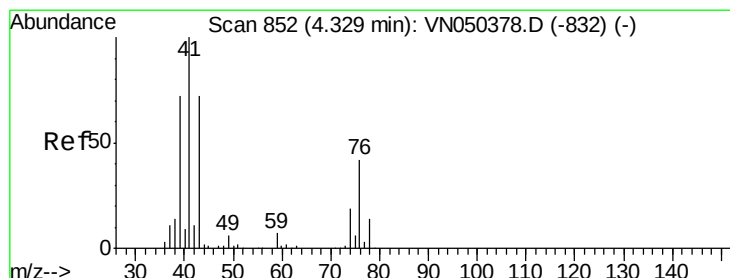
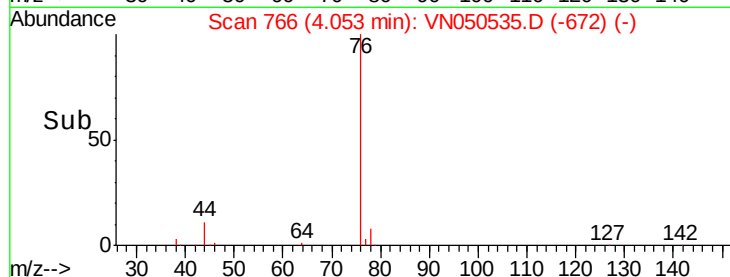
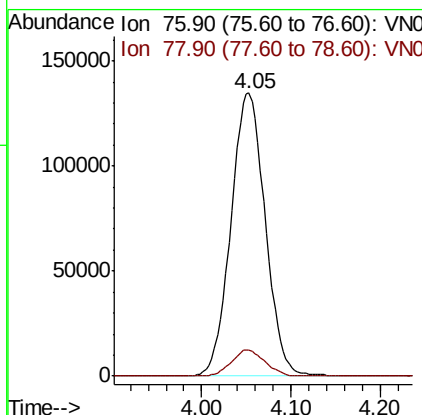
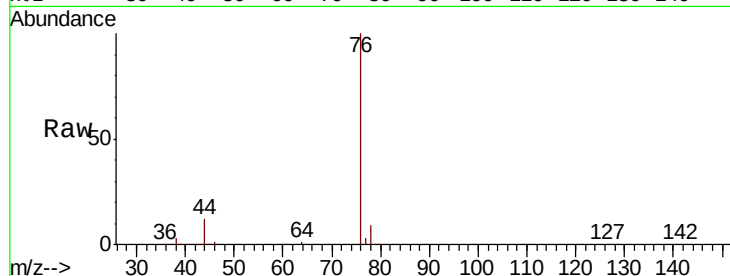




#17
Carbon Disulfide
Concen: 17.32 ug/l
RT: 4.05 min Scan# 766
Delta R.T. 0.00 min
Lab File: VN050535.D
Acq: 10 Aug 2018 23:13

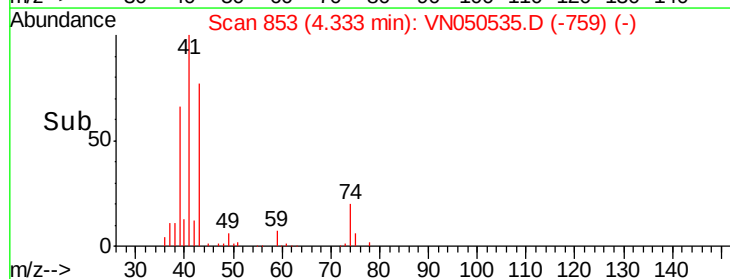
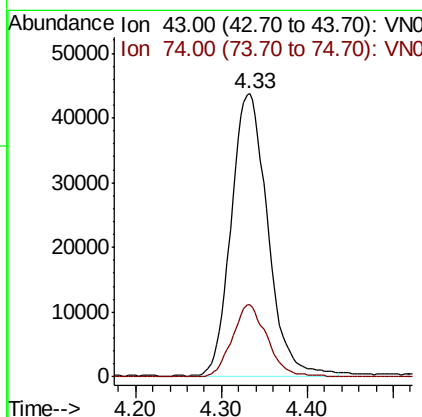
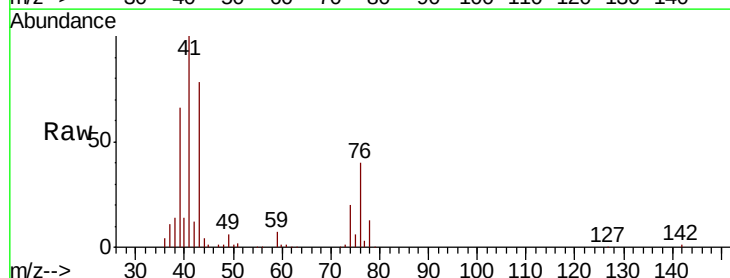
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD02

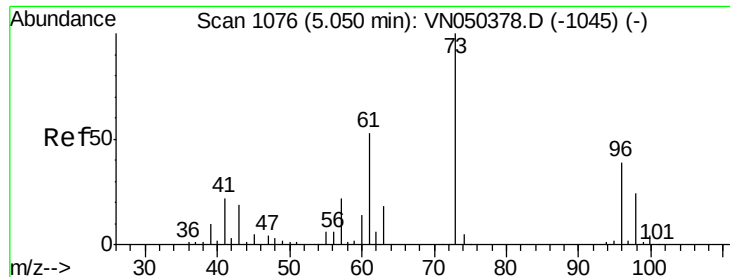
Tot Ion: 76 Resp: 358759
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 20.95 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050535.D
Acq: 10 Aug 2018 23:13

Tgt Ion: 43 Resp: 128444
Ion Ratio Lower Upper
43 100
74 24.5 19.2 28.8





#19

Methvl tert-butvl Ether

Concen: 18.93 ug/l

RT: 5.05 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

Instrument :

MSVOA_N

ClientSampleId :

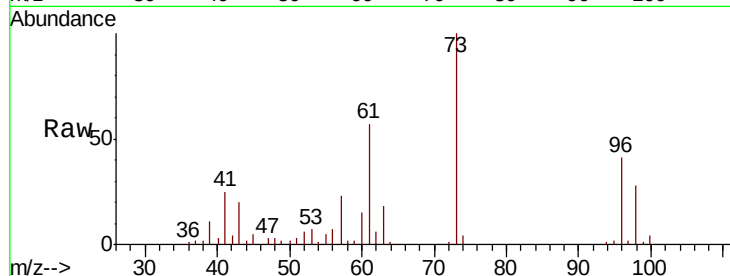
VN0810WBSD02

Tot Ion: 73 Resp: 342152

Ion Ratio Lower Upper

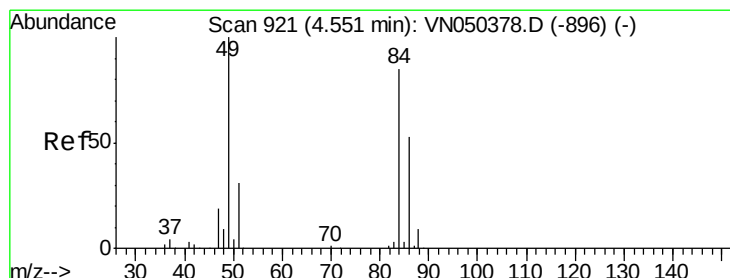
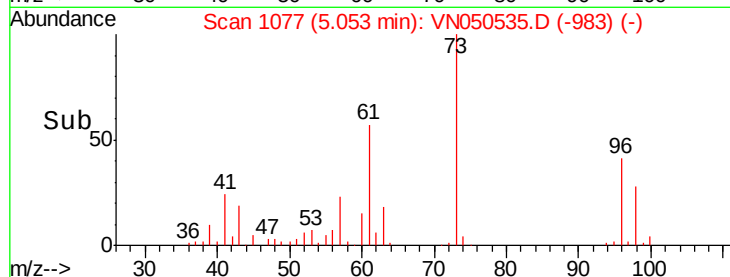
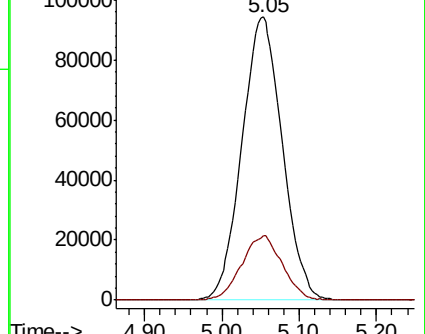
73 100

57 22.8 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#20

Methylene Chloride

Concen: 19.62 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

Tgt Ion: 84 Resp: 147619

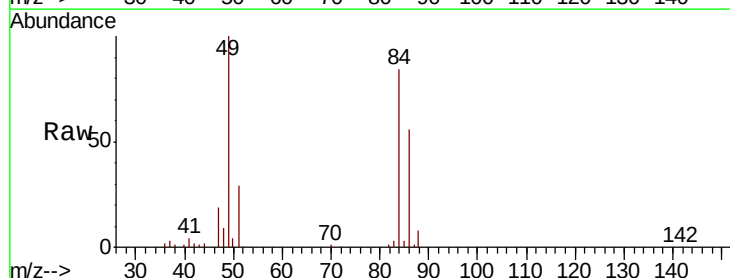
Ion Ratio Lower Upper

84 100

49 118.7 94.8 142.2

51 35.0 28.3 42.5

86 66.6 51.0 76.6

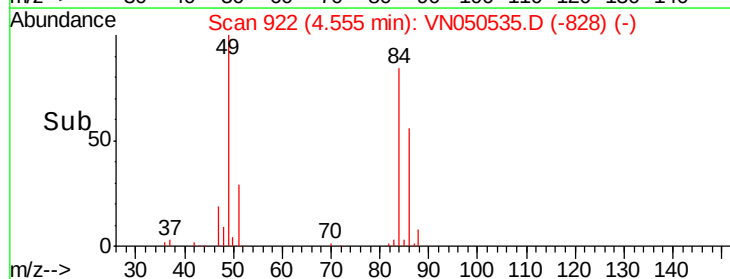
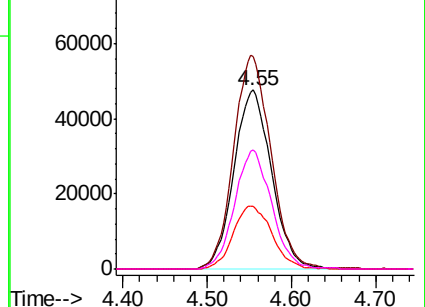


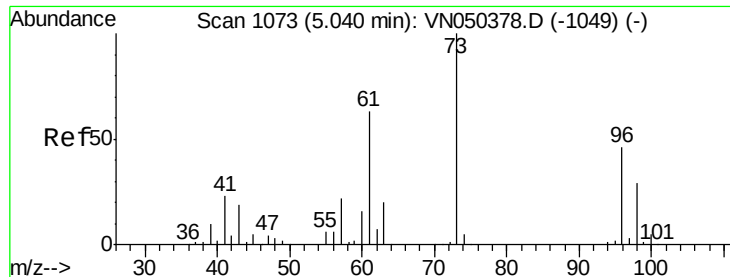
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#21

trans-1,2-Dichloroethene

Concen: 19.40 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

Instrument :

MSVOA_N

ClientSampleId :

VN0810WBSD02

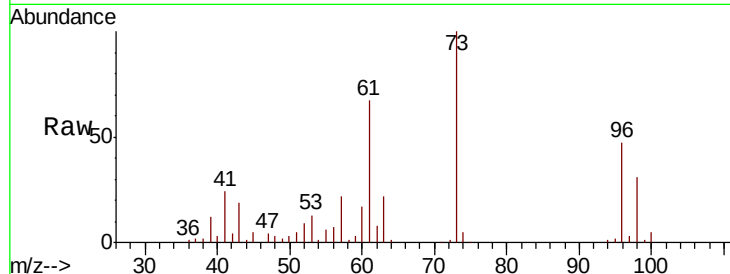
Tot Ion: 96 Resp: 133714

Ion Ratio Lower Upper

96 100

61 142.0 110.7 166.1

98 65.6 51.6 77.4

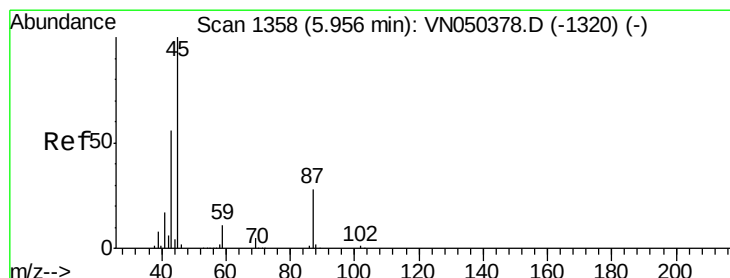
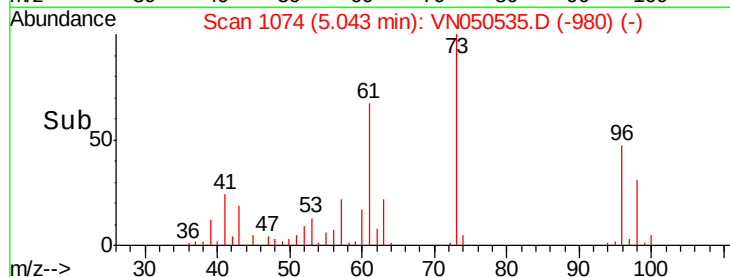
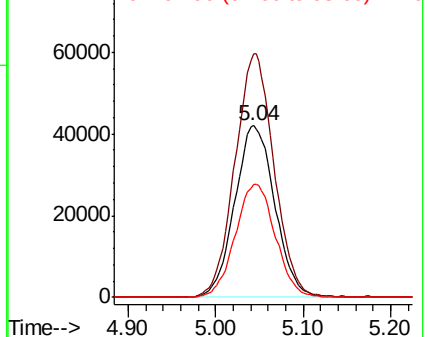


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.71 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

Tgt Ion: 45 Resp: 432737

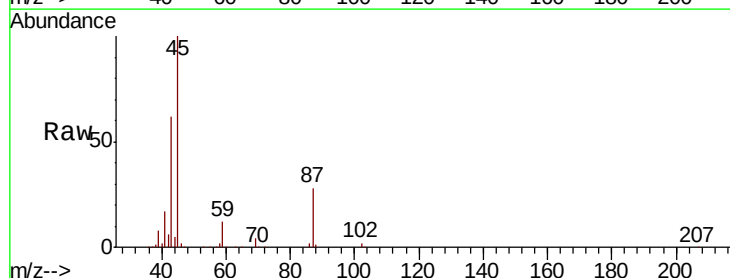
Ion Ratio Lower Upper

45 100

43 60.5 45.7 68.5

87 28.2 22.7 34.1

59 12.1 9.5 14.3



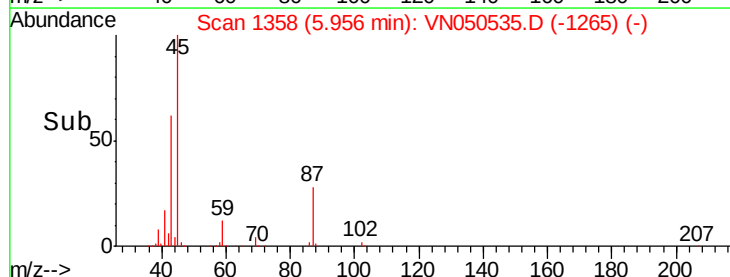
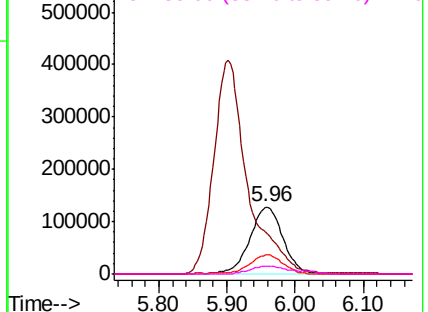
Abundance

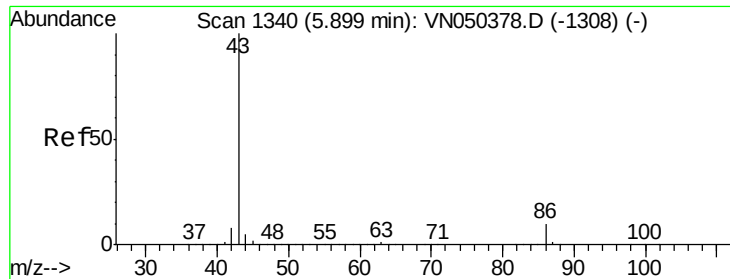
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

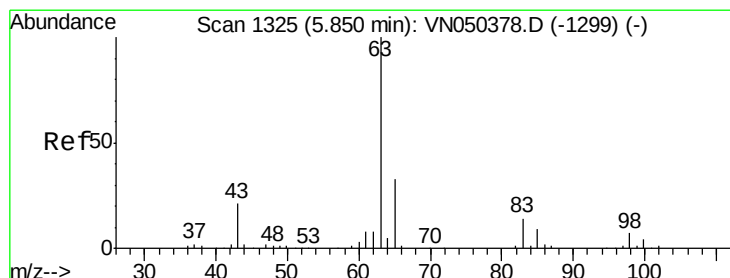
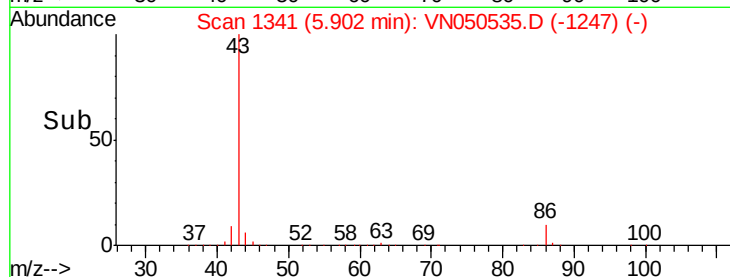
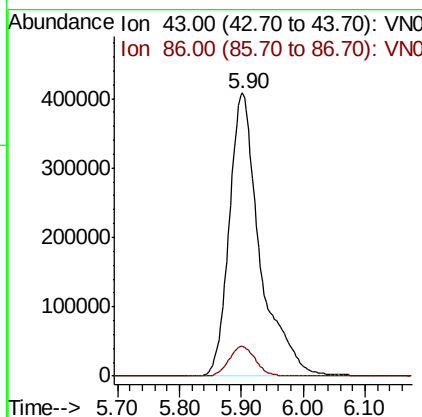
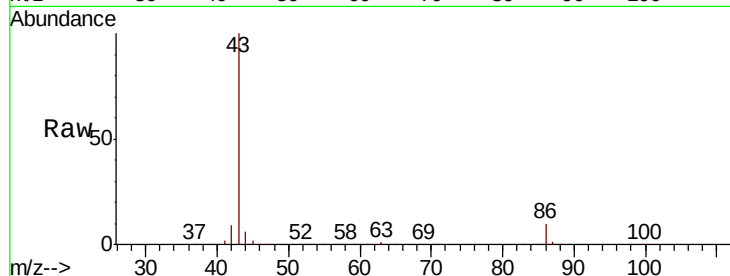




#23
 Vinyl Acetate
 Concen: 94.37 ug/l
 RT: 5.90 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: VN050535.D
 Acq: 10 Aug 2018 23:13

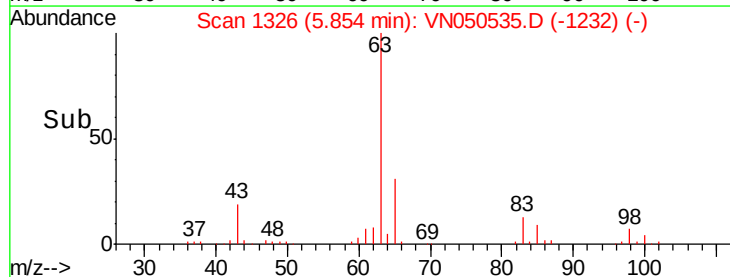
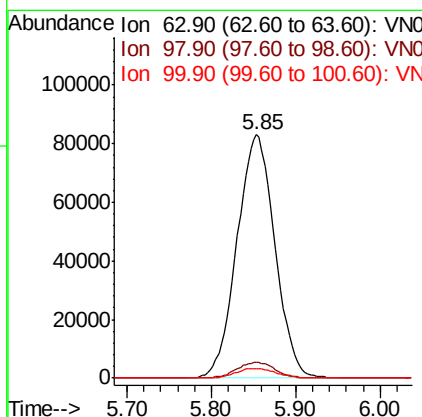
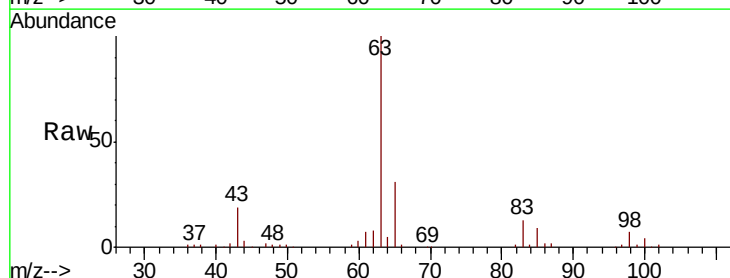
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBSD02

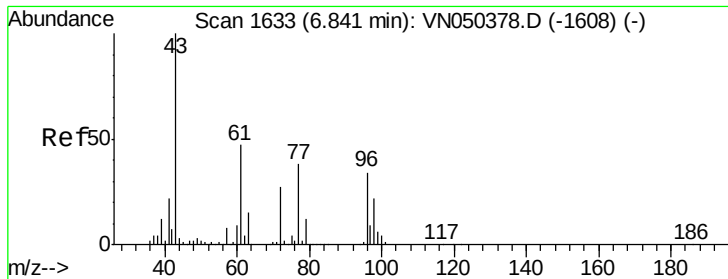
Tot Ion: 43 Resp: 1406757
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 20.24 ug/l
 RT: 5.85 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: VN050535.D
 Acq: 10 Aug 2018 23:13

Tgt Ion: 63 Resp: 259414
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.0 2.1 6.3





#25

2-Butanone

Concen: 86.47 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

Instrument :

MSVOA_N

ClientSampleId :

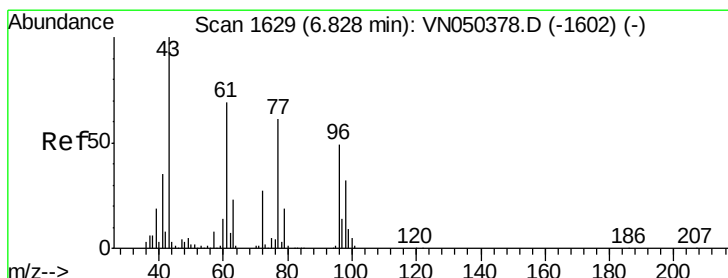
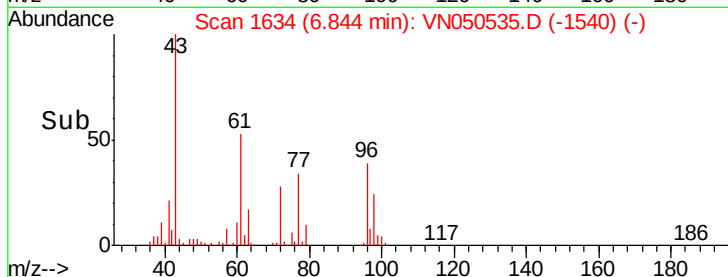
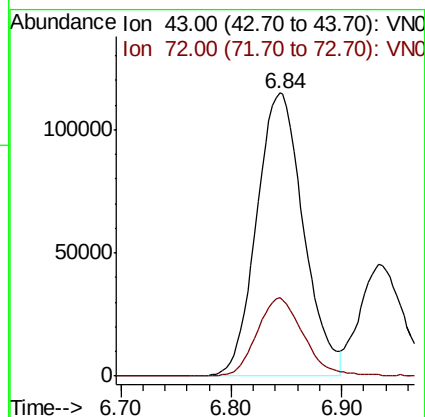
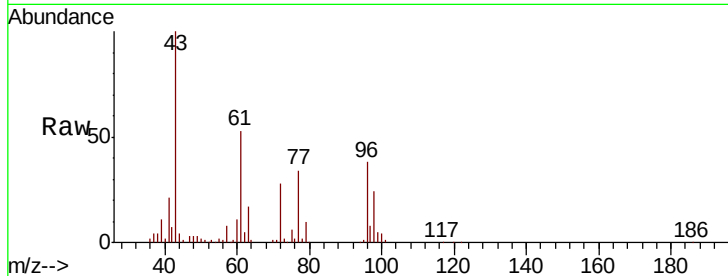
VN0810WBSD02

Tot Ion: 43 Resp: 337232

Ion Ratio Lower Upper

43 100

72 27.8 21.5 32.3



#26

2,2-Dichloropropane

Concen: 15.17 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN050535.D

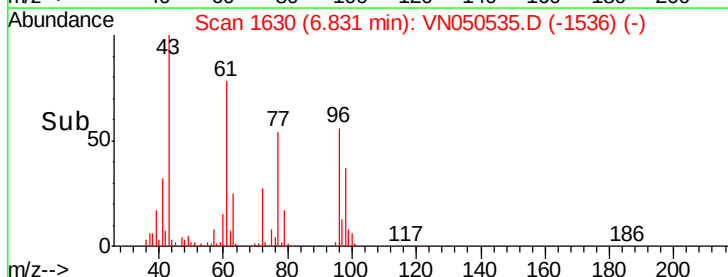
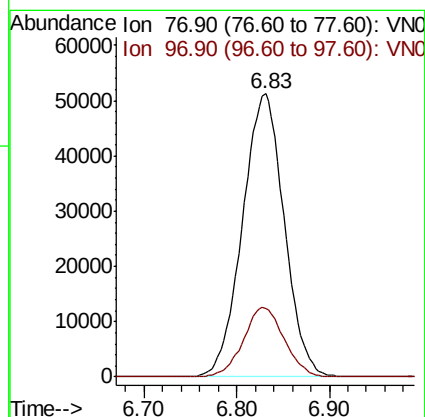
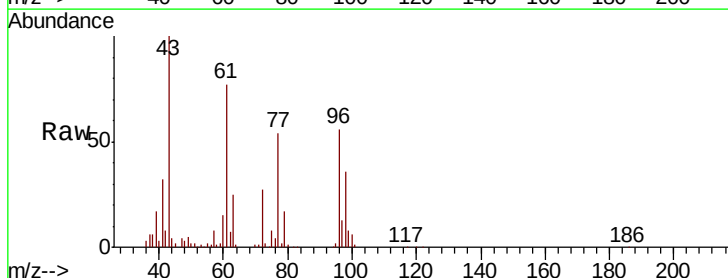
Acq: 10 Aug 2018 23:13

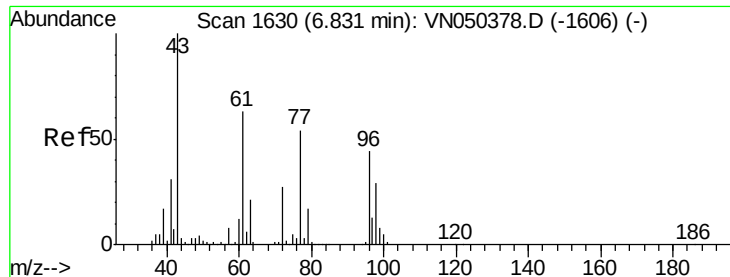
Tgt Ion: 77 Resp: 160316

Ion Ratio Lower Upper

77 100

97 24.1 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 20.03 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

Instrument :

MSVOA_N

ClientSampleId :

VN0810WBSD02

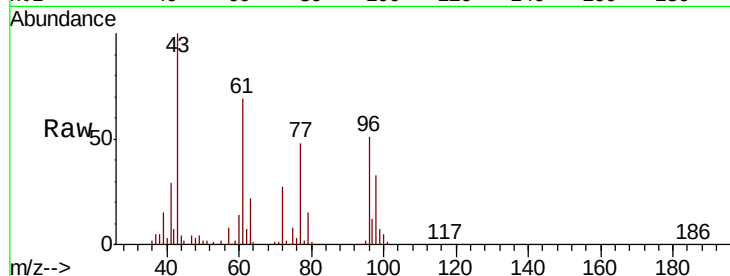
Tot Ion: 96 Resp: 152990

Ion Ratio Lower Upper

96 100

61 139.0 0.0 285.0

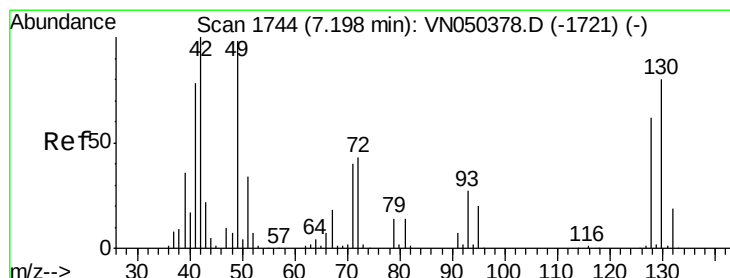
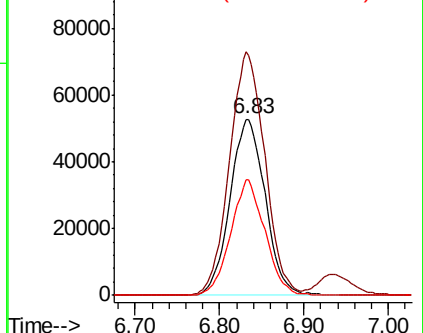
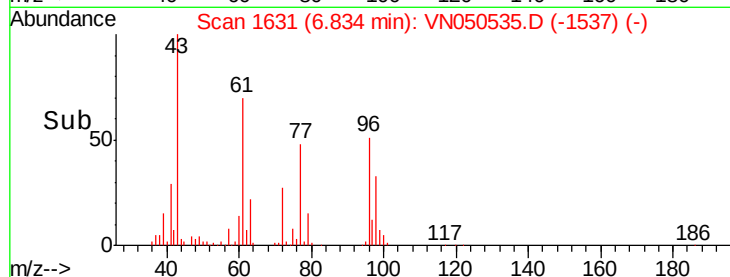
98 63.9 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 21.76 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

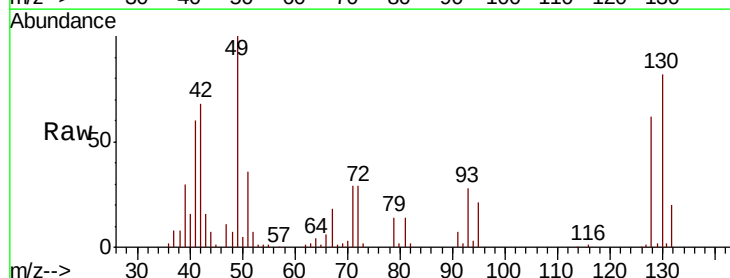
Tgt Ion: 49 Resp: 128400

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

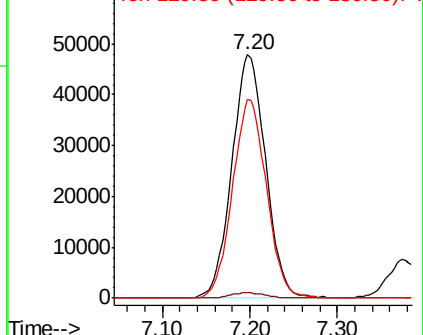
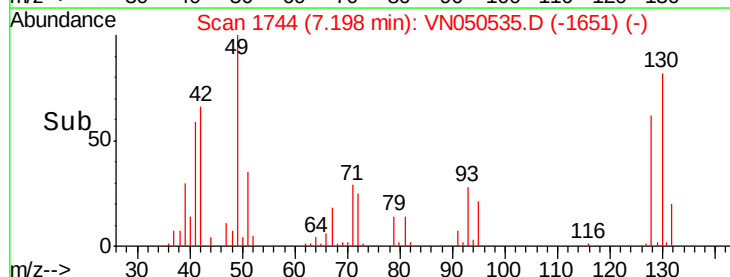
130 81.8 66.3 99.5

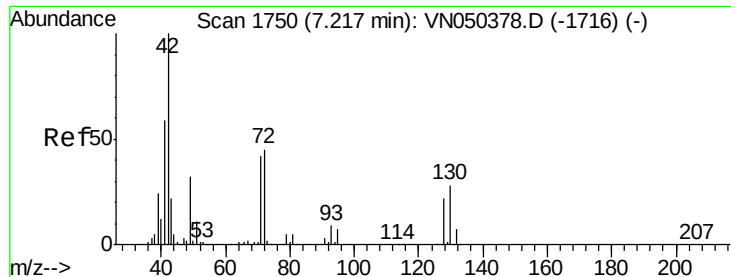


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

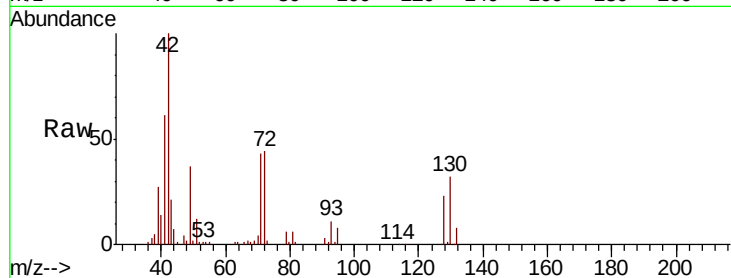




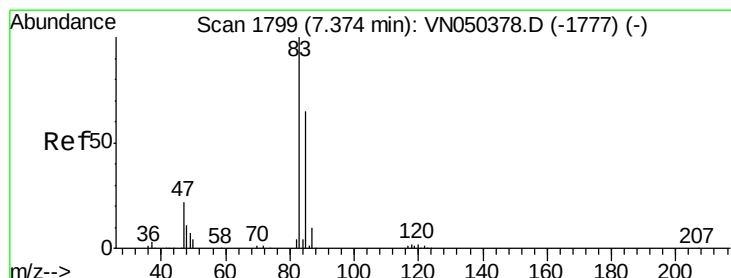
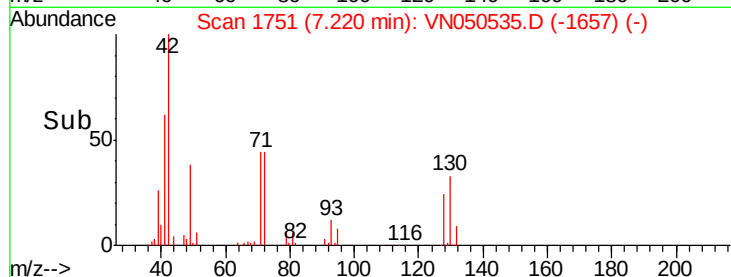
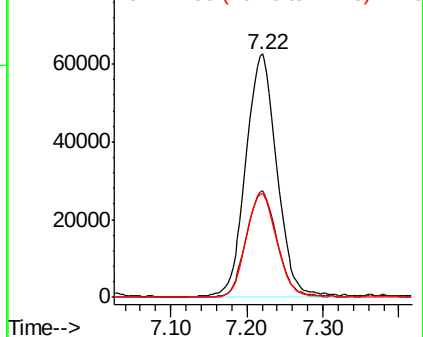
#29
Tetrahydrofuran
Concen: 84.85 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN050535.D
Acq: 10 Aug 2018 23:13

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD02

Tot Ion: 42 Resp: 177135
Ion Ratio Lower Upper
42 100
72 43.8 35.9 53.9
71 42.3 33.7 50.5

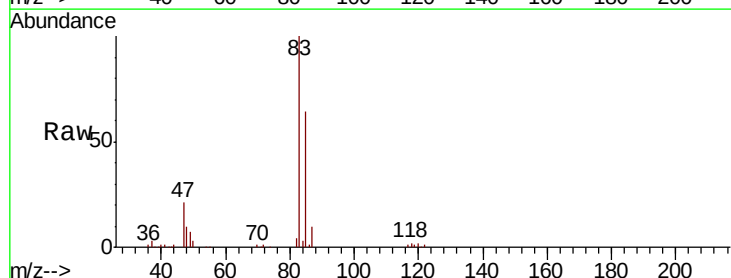


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

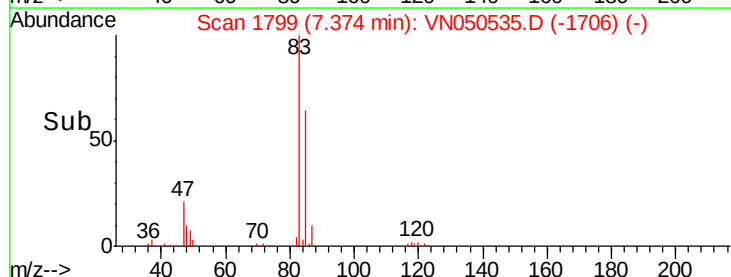
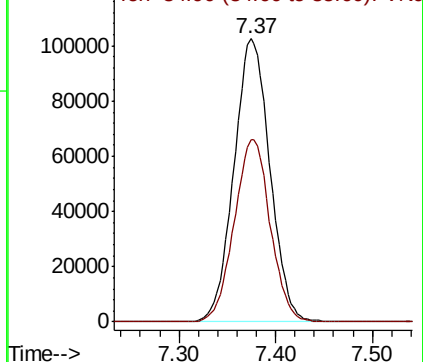


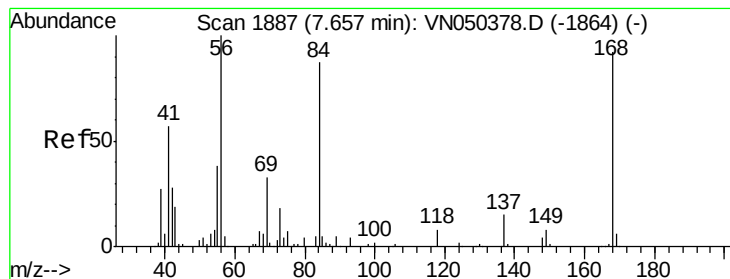
#30
Chloroform
Concen: 20.69 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050535.D
Acq: 10 Aug 2018 23:13

Tgt Ion: 83 Resp: 265146
Ion Ratio Lower Upper
83 100
85 64.2 52.5 78.7



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





#31

Cyclohexane

Concen: 18.55 ug/l

RT: 7.66 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

Instrument :

MSVOA_N

ClientSampled :

VN0810WBSD02

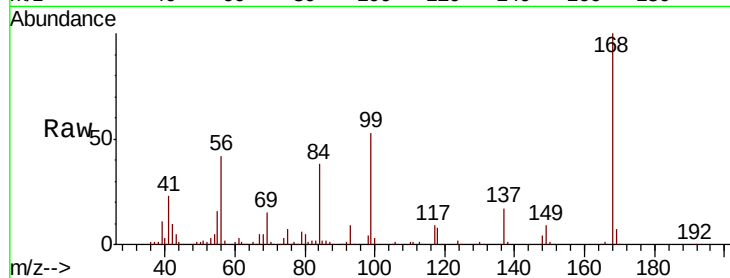
Tot Ion: 56 Resp: 213740

Ion Ratio Lower Upper

56 100

69 36.5 26.2 39.4

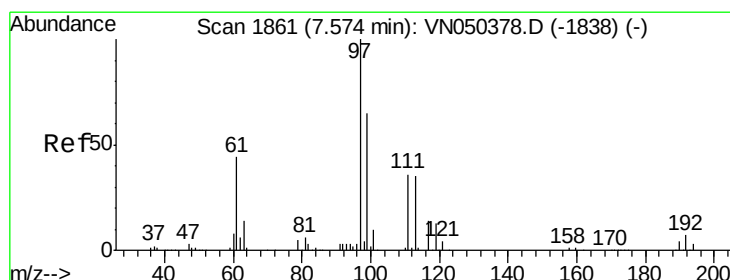
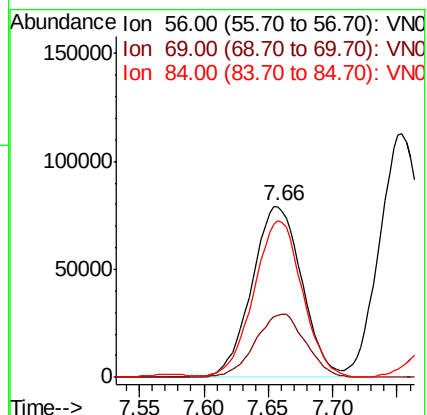
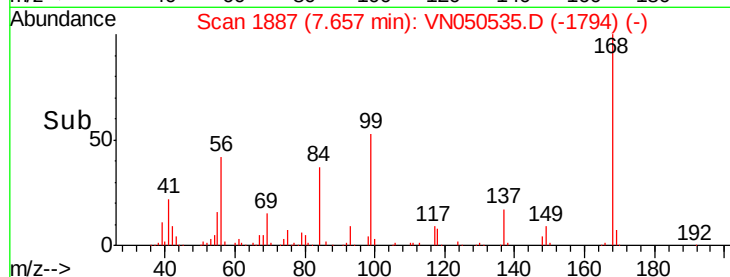
84 90.2 67.4 101.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 20.22 ug/l

RT: 7.57 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

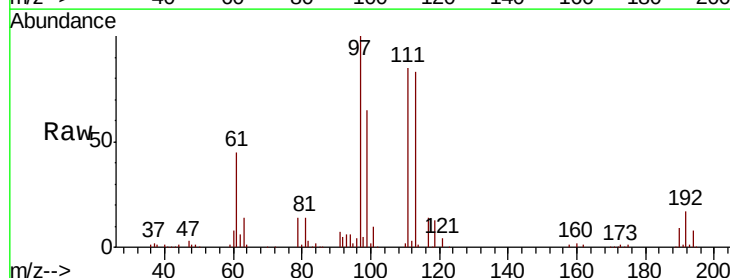
Tgt Ion: 97 Resp: 222586

Ion Ratio Lower Upper

97 100

99 64.7 51.4 77.0

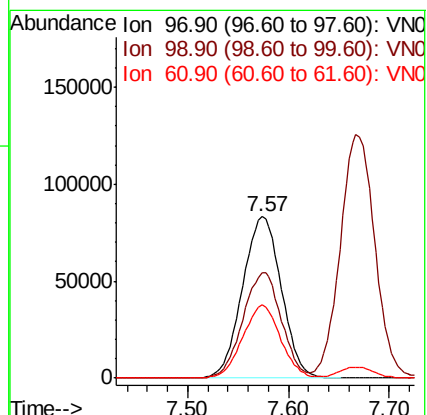
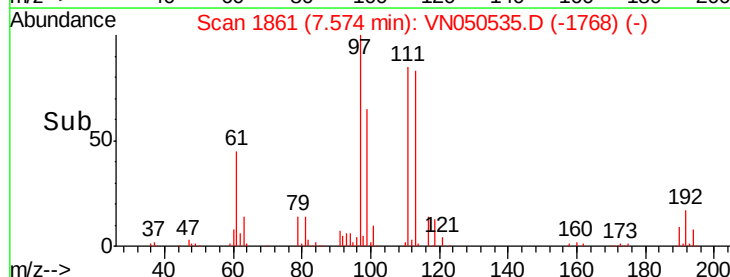
61 44.3 35.4 53.0

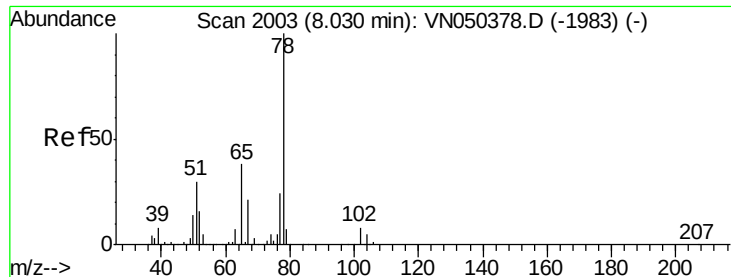


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

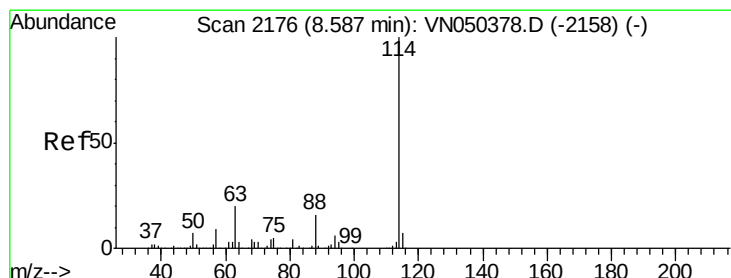
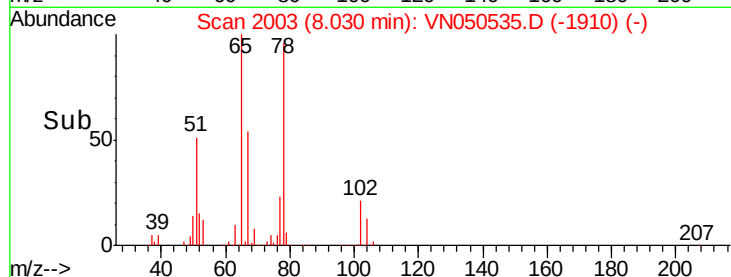
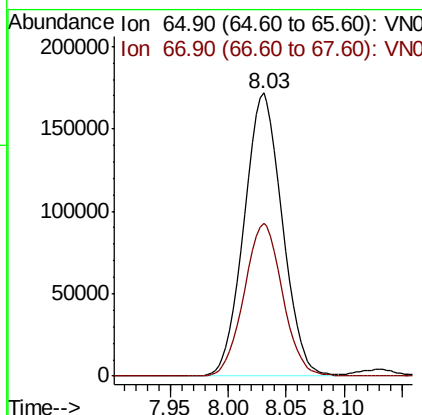
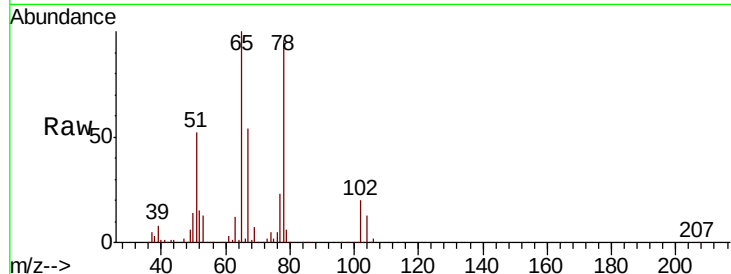




#33
 1,2-Dichloroethane-d4
 Concen: 50.17 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050535.D
 Acq: 10 Aug 2018 23:13

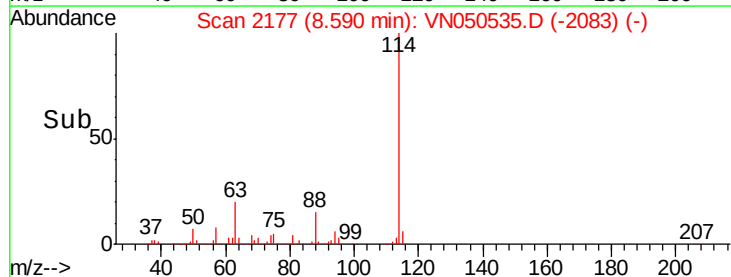
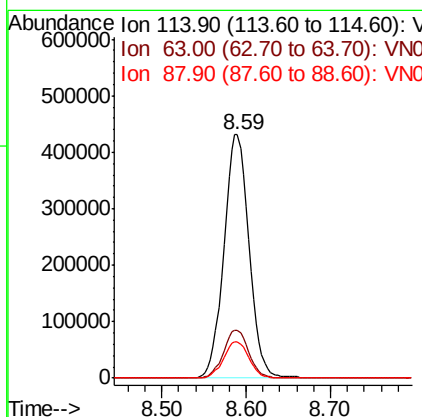
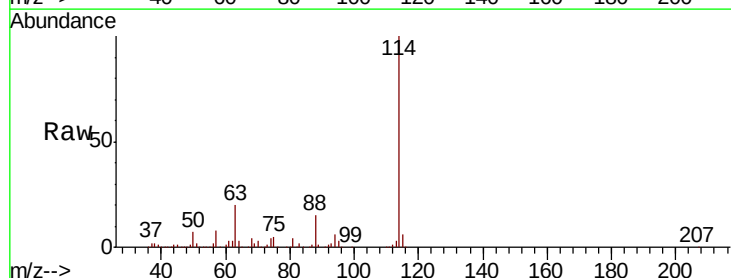
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBSD02

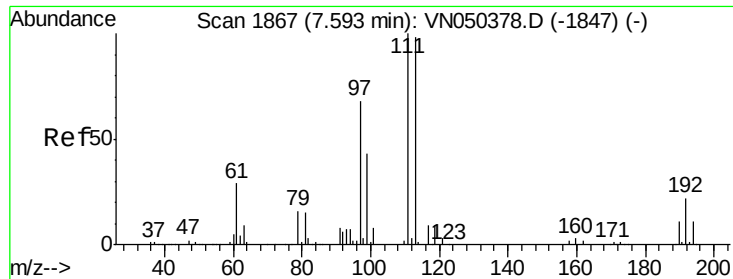
Tot Ion: 65 Resp: 394881
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050535.D
 Acq: 10 Aug 2018 23:13

Tgt Ion: 114 Resp: 891545
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 14.8 0.0 31.2

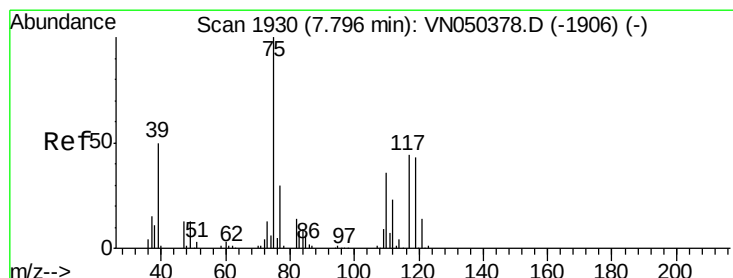
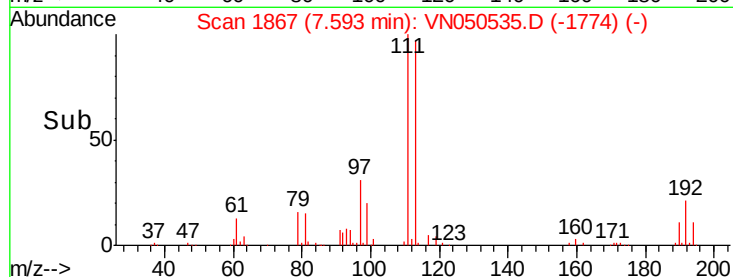
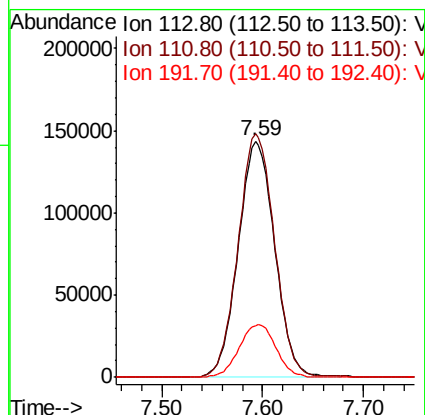
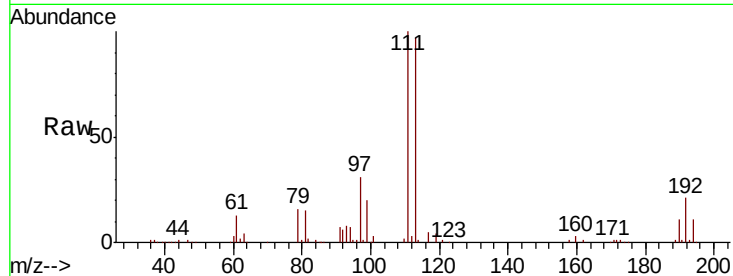




#35
 Dibromofluoromethane
 Concen: 50.41 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050535.D
 Acq: 10 Aug 2018 23:13

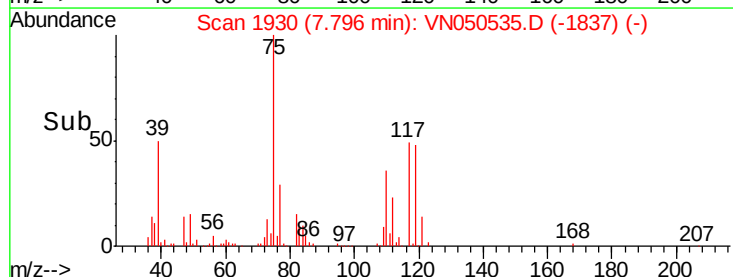
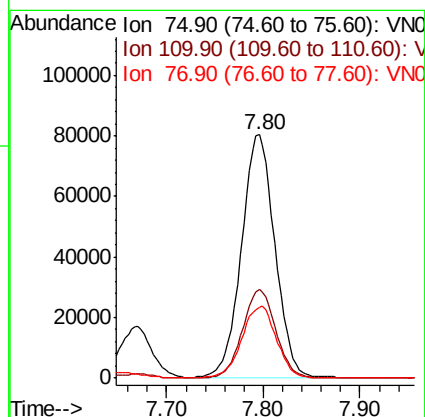
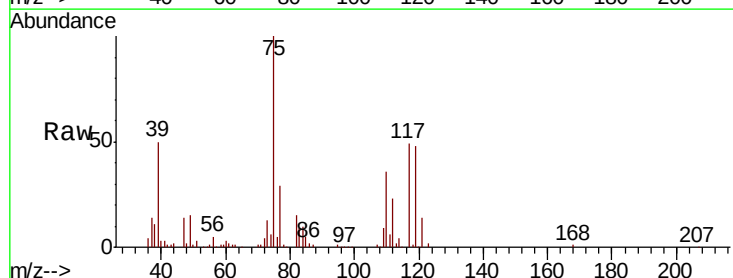
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBSD02

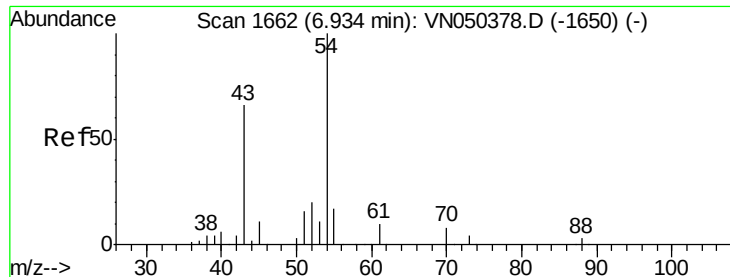
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.7	121.1
192	22.5	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 19.66 ug/l
 RT: 7.80 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VN050535.D
 Acq: 10 Aug 2018 23:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.4	55.2
77	30.8	25.3	37.9

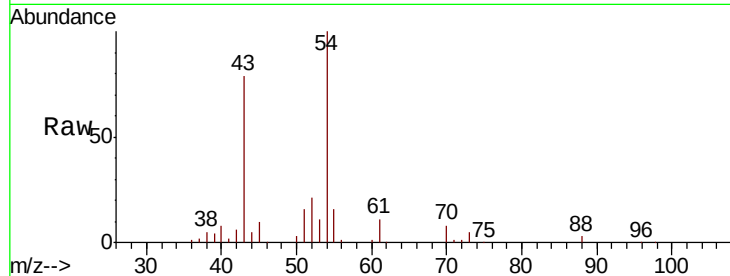




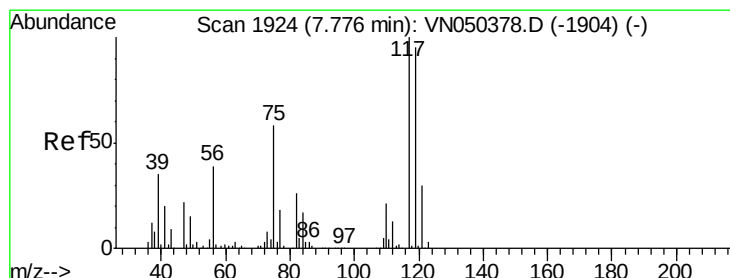
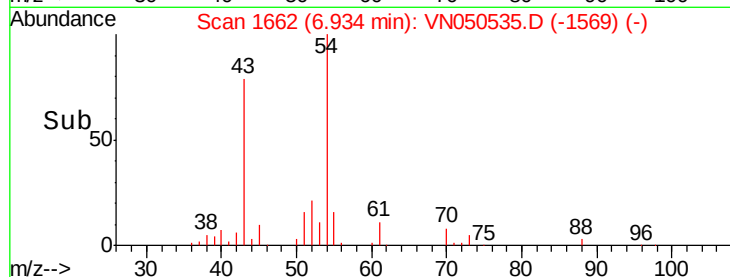
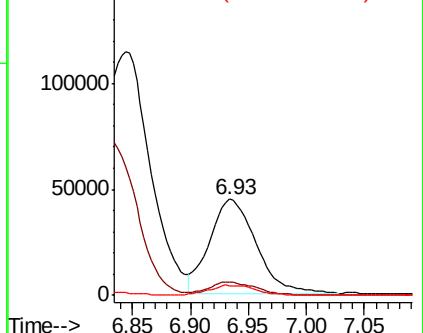
#37
Ethyl Acetate
Concen: 17.64 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN050535.D
Acq: 10 Aug 2018 23:13

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD02

Tot Ion: 43 Resp: 124421
Ion Ratio Lower Upper
43 100
61 13.7 11.8 17.8
70 10.8 8.4 12.6

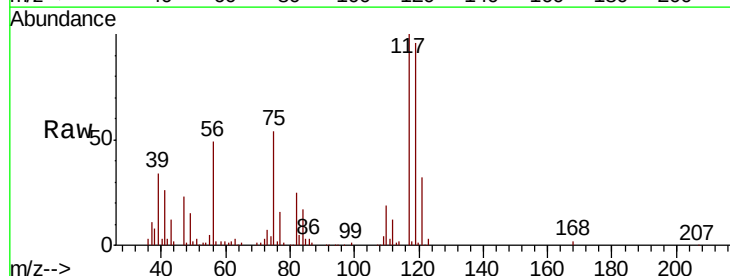


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

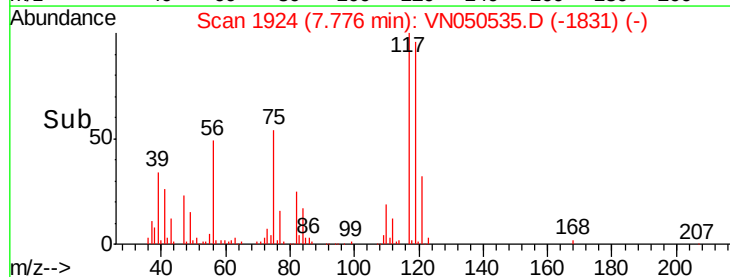
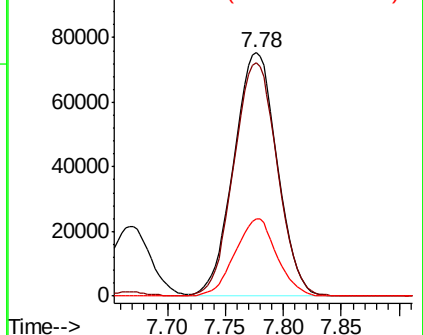


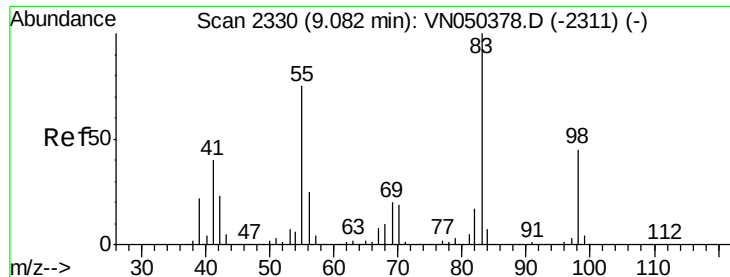
#38
Carbon Tetrachloride
Concen: 19.13 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN050535.D
Acq: 10 Aug 2018 23:13

Tgt Ion: 117 Resp: 195460
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.0
121 31.6 23.9 35.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

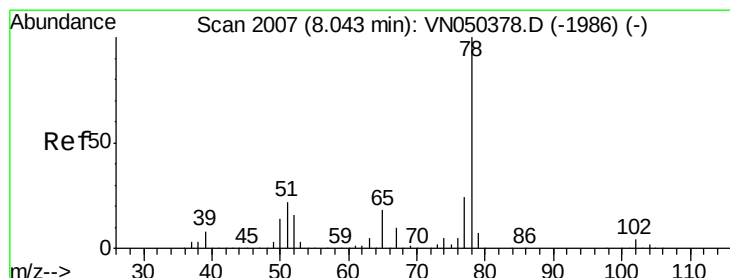
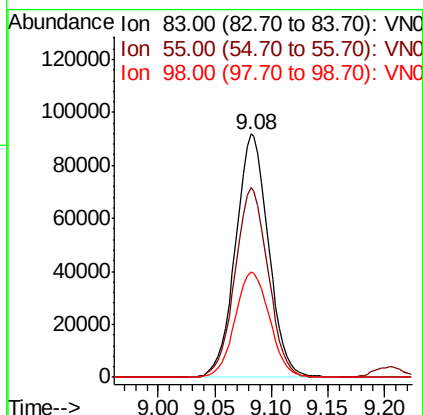
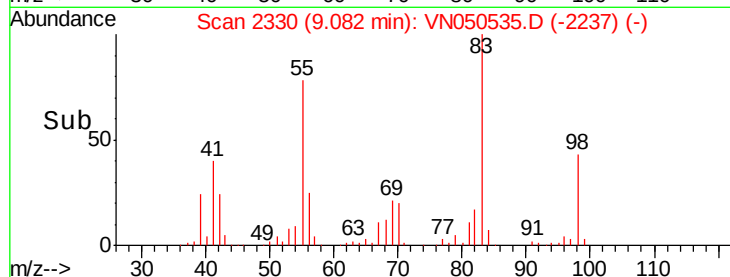
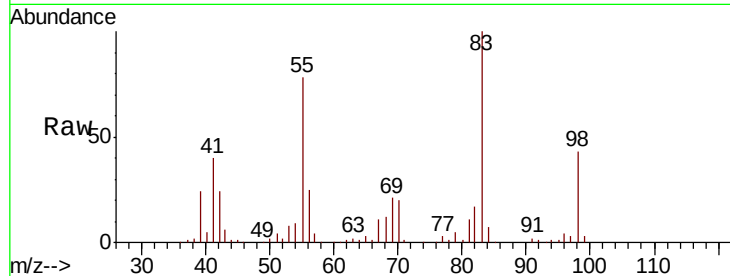




#39
Methylvlcyclohexane
Concen: 17.41 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN050535.D
Acq: 10 Aug 2018 23:13

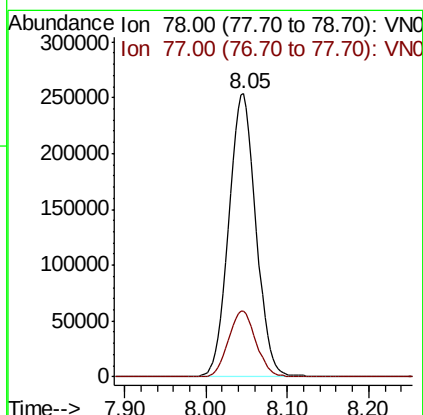
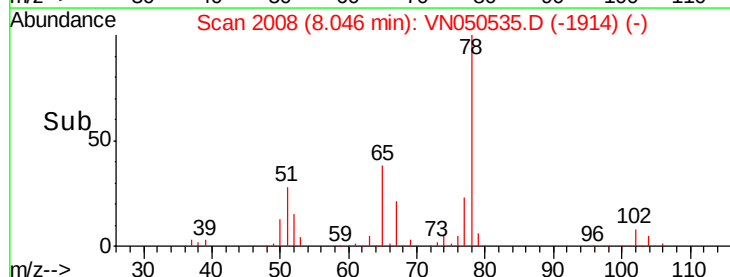
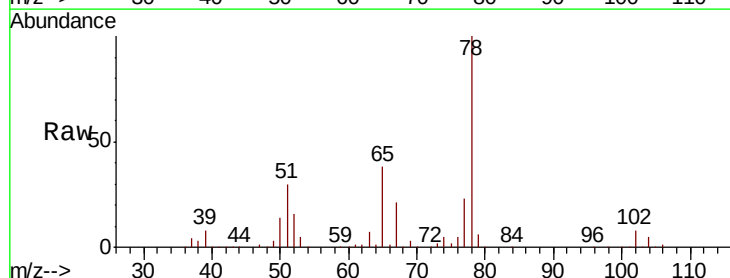
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD02

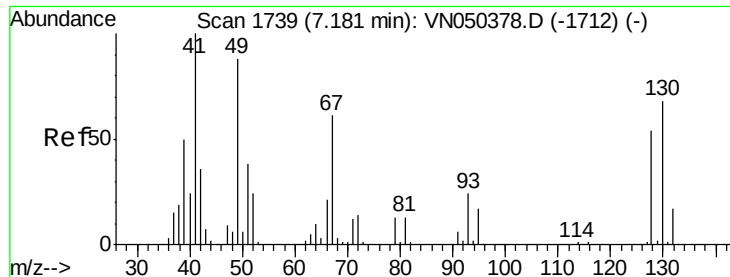
Tot Ion: 83 Resp: 186163
Ion Ratio Lower Upper
83 100
55 78.0 61.8 92.8
98 43.5 36.5 54.7



#40
Benzene
Concen: 19.68 ug/l
RT: 8.05 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VN050535.D
Acq: 10 Aug 2018 23:13

Tgt Ion: 78 Resp: 592816
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1

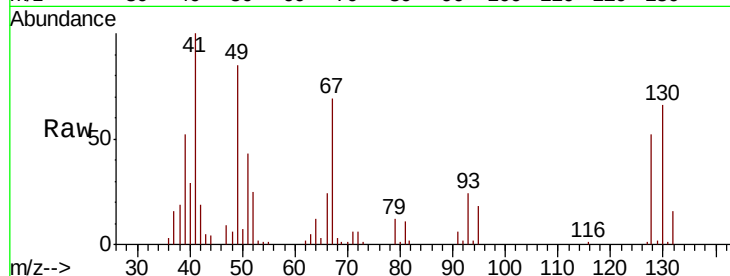




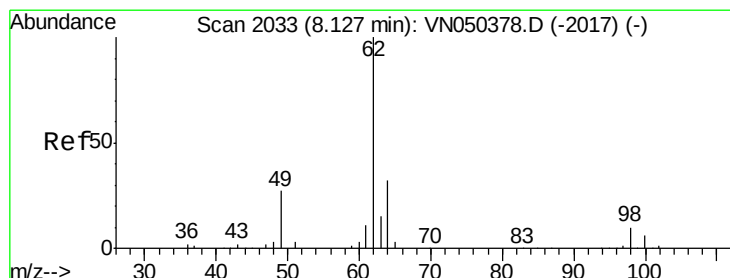
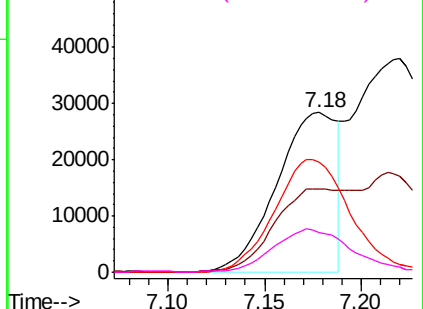
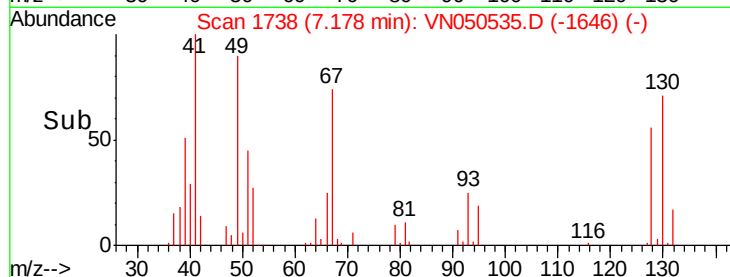
#41
Methacrylonitrile
Concen: 16.39 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN050535.D
Acq: 10 Aug 2018 23:13

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD02

Tot Ion: 41 Resp: 61487
Ion Ratio Lower Upper
41 100
39 72.4 55.8 83.6
67 89.7 84.3 126.5
52 35.6 34.2 51.2

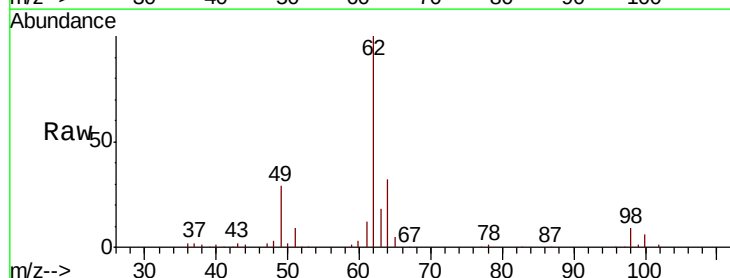


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

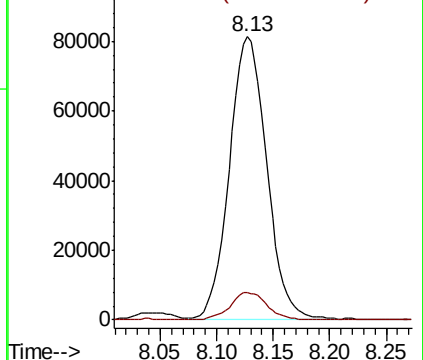
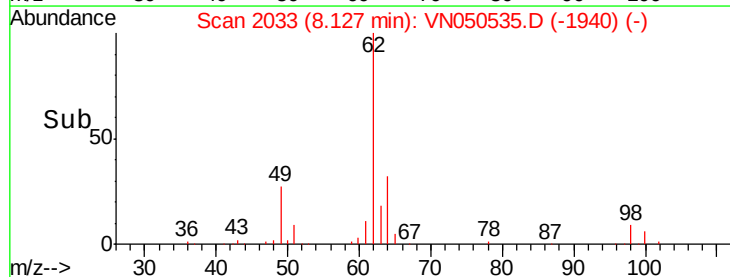


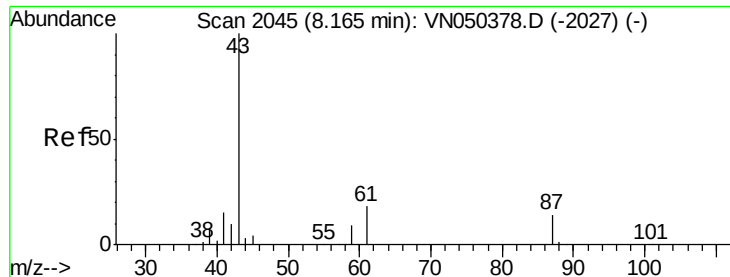
#42
1,2-Dichloroethane
Concen: 19.42 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN050535.D
Acq: 10 Aug 2018 23:13

Tgt Ion: 62 Resp: 185702
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.8



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





#43

Isopropyl Acetate

Concen: 18.50 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

Instrument :

MSVOA_N

ClientSampleId :

VN0810WBSD02

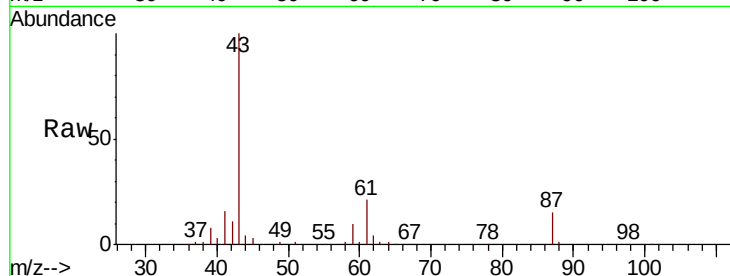
Tot Ion: 43 Resp: 225286

Ion Ratio Lower Upper

43 100

61 28.2 15.8 23.6#

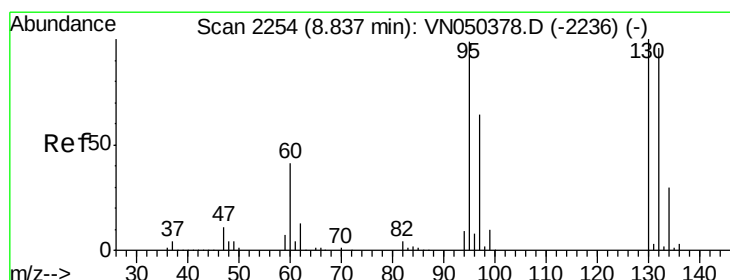
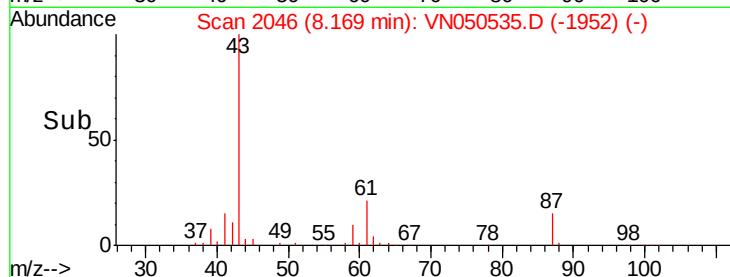
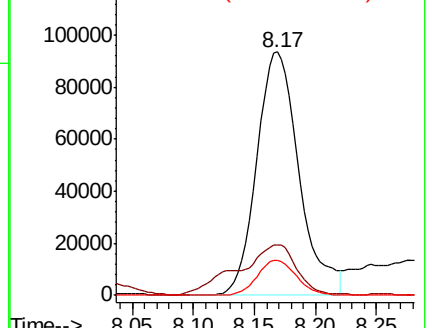
87 13.3 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 19.20 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN050535.D

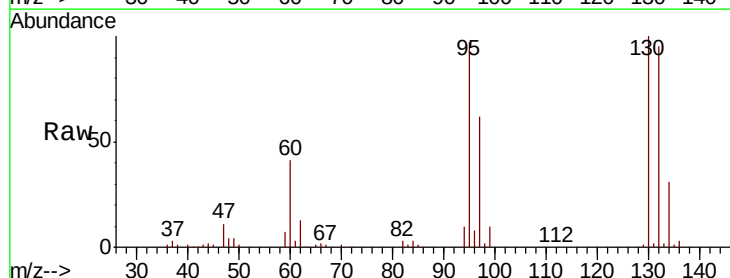
Acq: 10 Aug 2018 23:13

Tgt Ion:130 Resp: 155362

Ion Ratio Lower Upper

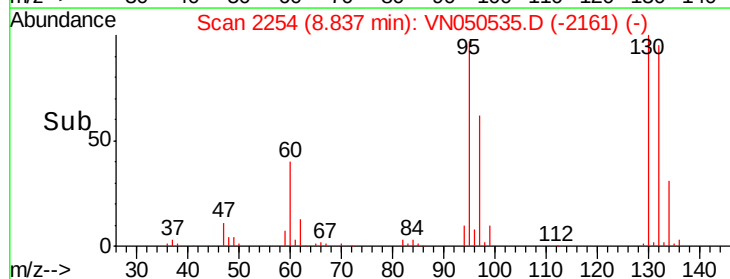
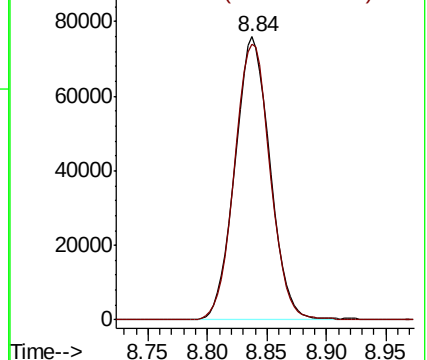
130 100

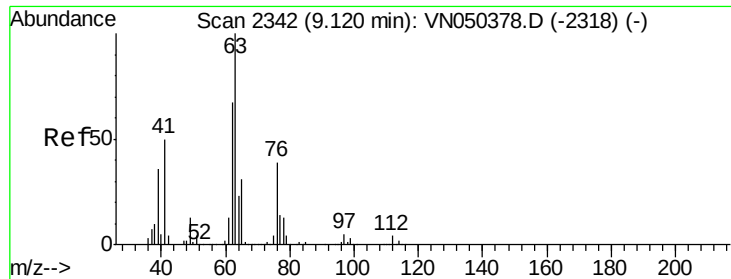
95 97.5 0.0 194.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 19.97 ug/l

RT: 9.12 min Scan# 2343

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

Instrument :

MSVOA_N

ClientSampleId :

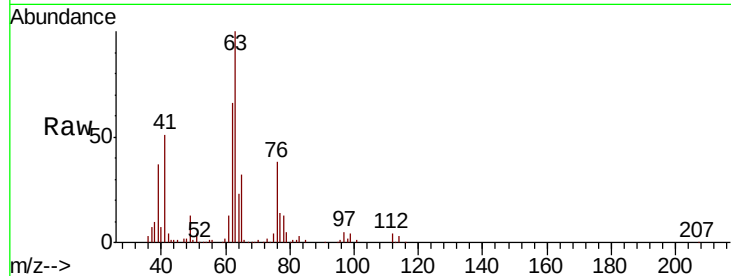
VN0810WBSD02

Tot Ion: 63 Resp: 158134

Ion Ratio Lower Upper

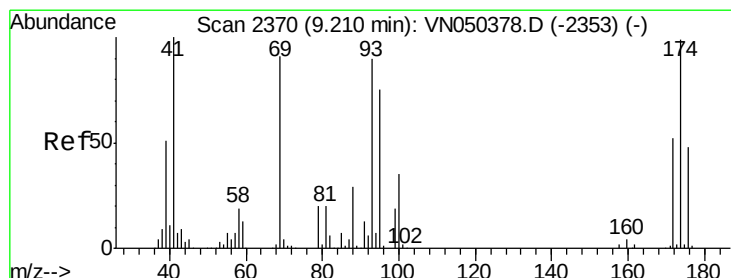
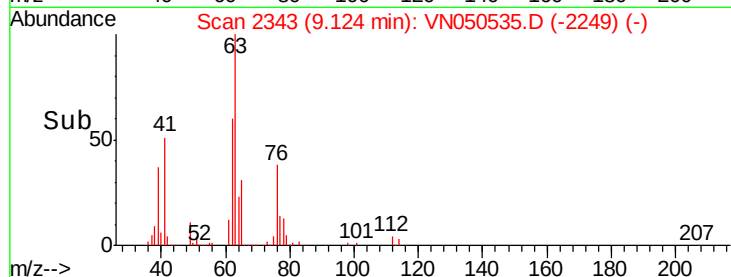
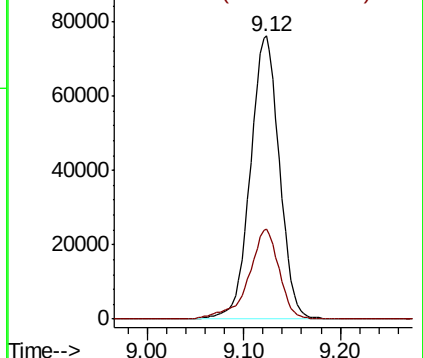
63 100

65 31.8 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.90 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

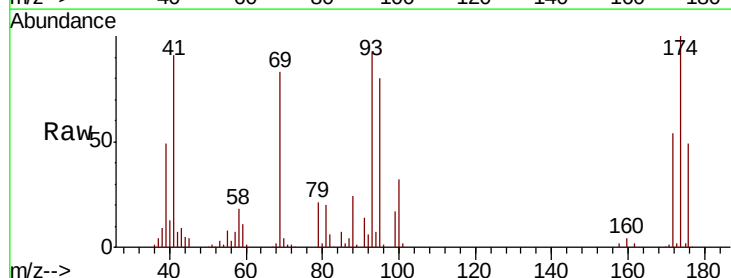
Tgt Ion: 93 Resp: 92406

Ion Ratio Lower Upper

93 100

95 85.0 66.6 100.0

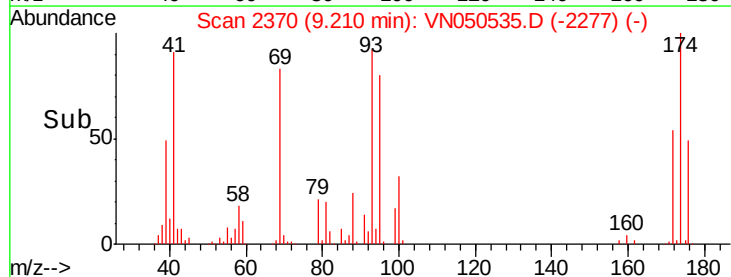
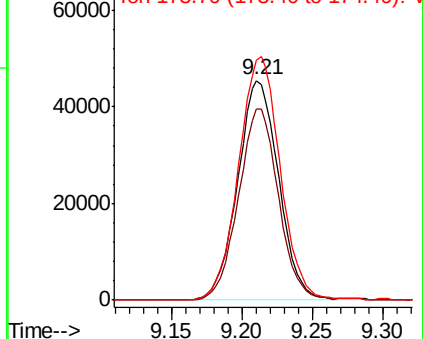
174 112.8 87.1 130.7

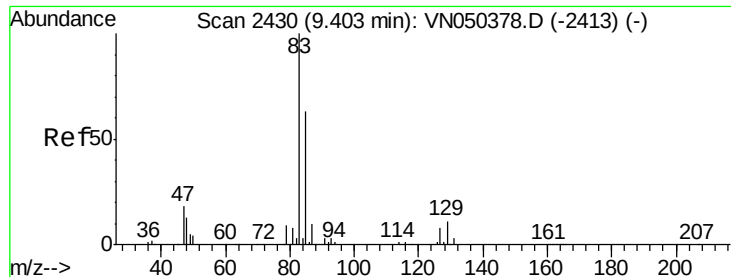


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

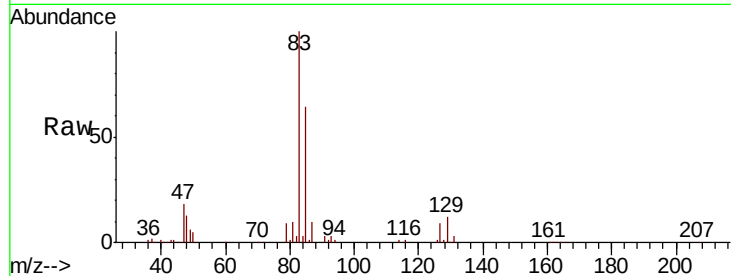




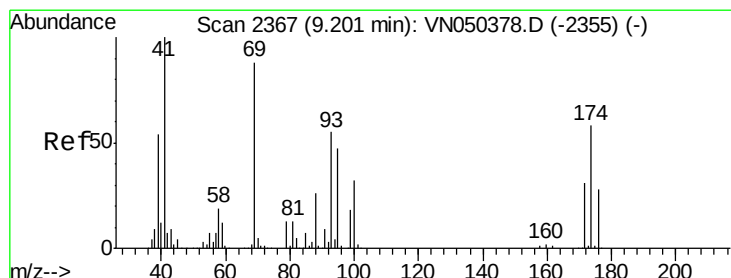
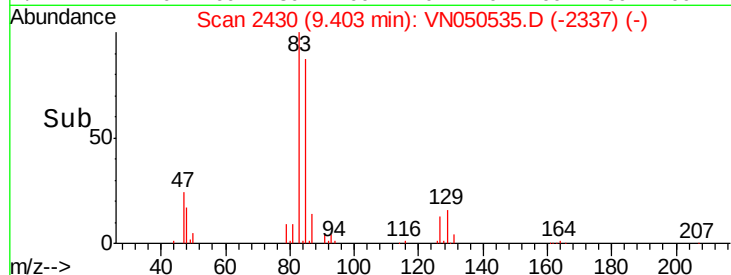
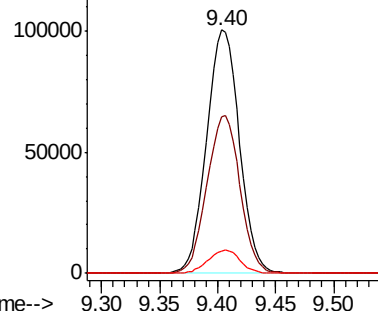
#47
 Bromodichloromethane
 Concen: 19.46 ug/l
 RT: 9.40 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VN050535.D
 Acq: 10 Aug 2018 23:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBSD02

Tot Ion: 83 Resp: 197053
 Ion Ratio Lower Upper
 83 100
 85 64.2 51.1 76.7
 127 9.2 7.0 10.4

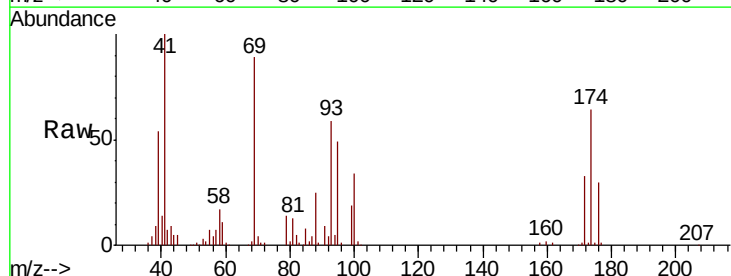


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): V

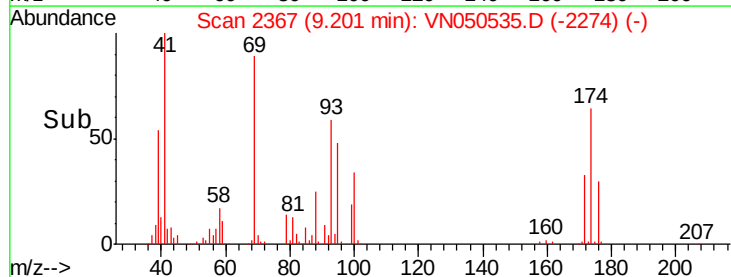
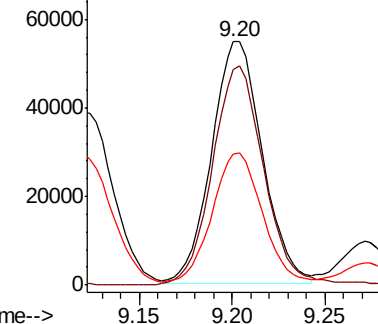


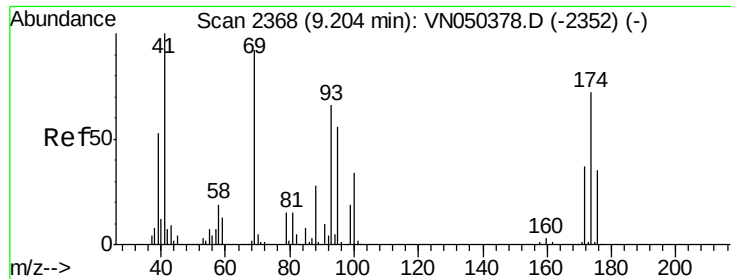
#48
 Methyl methacrylate
 Concen: 17.12 ug/l
 RT: 9.20 min Scan# 2367
 Delta R.T. 0.00 min
 Lab File: VN050535.D
 Acq: 10 Aug 2018 23:13

Tgt Ion: 41 Resp: 104513
 Ion Ratio Lower Upper
 41 100
 69 90.8 70.6 105.8
 39 53.8 43.9 65.9



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





#49

1,4-Dioxane

Concen: 300.43 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

Instrument :

MSVOA_N

ClientSampleId :

VN0810WBSD02

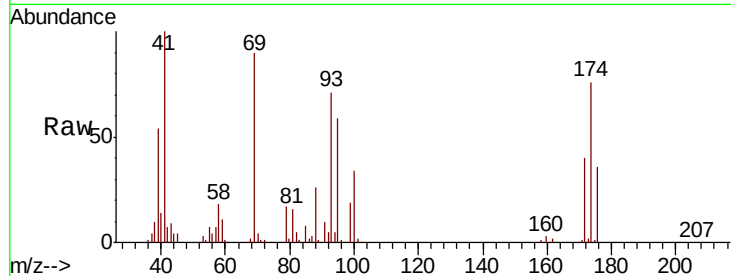
Tot Ion: 88 Resp: 28265

Ion Ratio Lower Upper

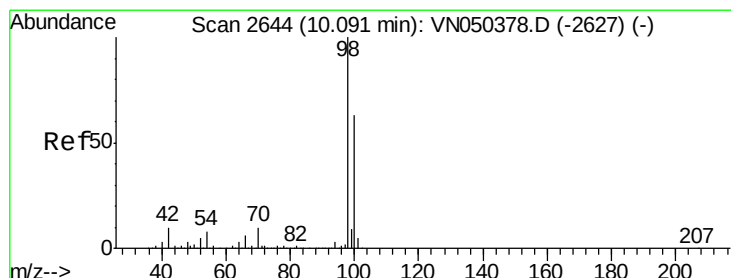
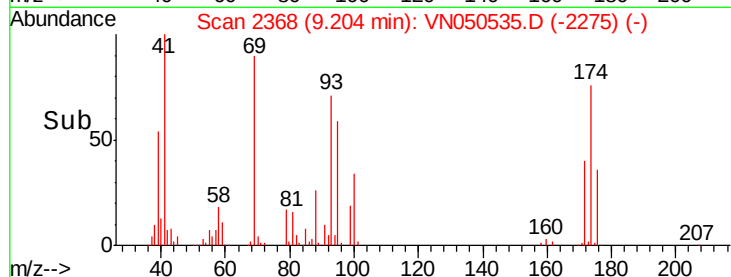
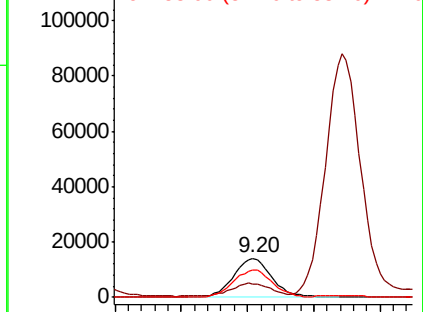
88 100

43 34.5 26.9 40.3

58 71.8 57.3 85.9



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: 48.90 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050535.D

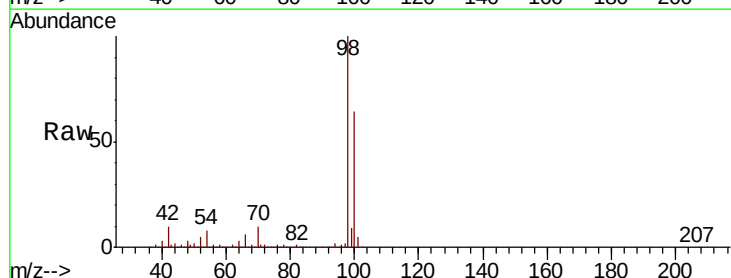
Acq: 10 Aug 2018 23:13

Tgt Ion: 98 Resp: 1315347

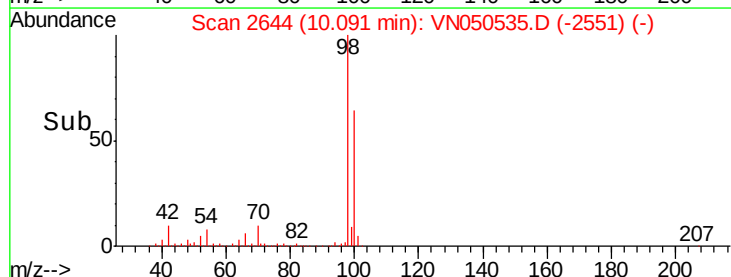
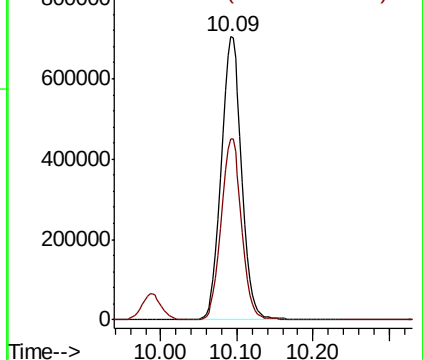
Ion Ratio Lower Upper

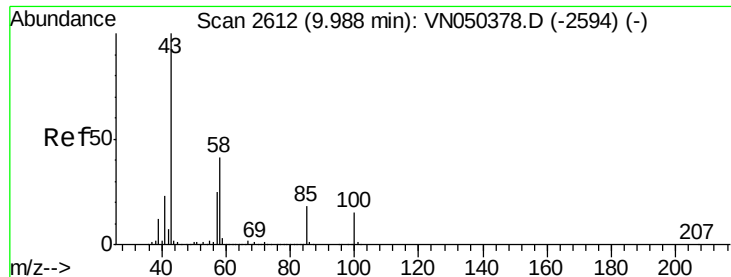
98 100

100 64.2 50.7 76.1



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: 87.81 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

Instrument :

MSVOA_N

ClientSampleId :

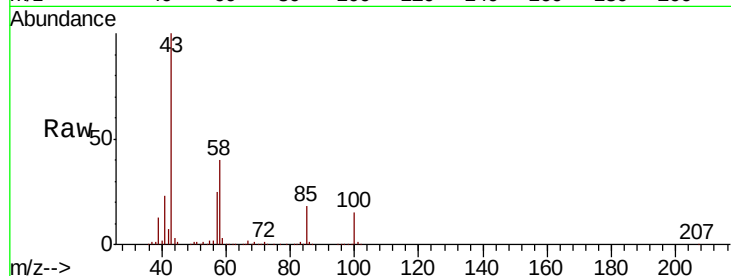
VN0810WBSD02

Tot Ion: 43 Resp: 770102

Ion Ratio Lower Upper

43 100

58 39.6 31.9 47.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

400000

300000

200000

100000

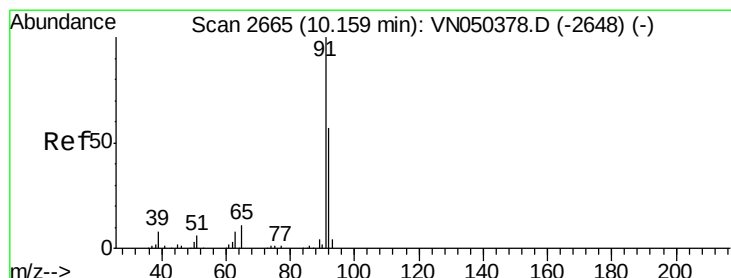
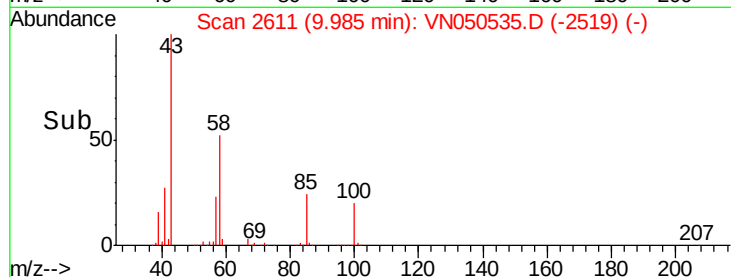
0

Time-->

9.90

10.00

10.10



#52

Toluene

Concen: 19.82 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN050535.D

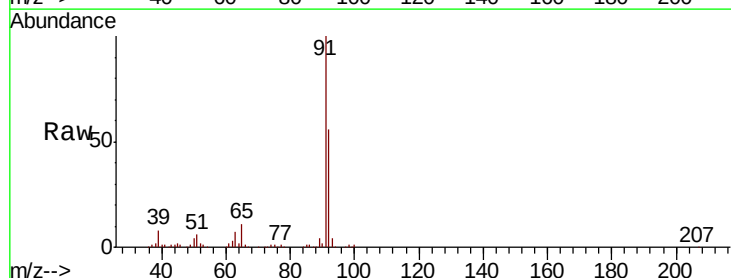
Acq: 10 Aug 2018 23:13

Tgt Ion: 92 Resp: 358571

Ion Ratio Lower Upper

92 100

91 176.2 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

400000

300000

200000

100000

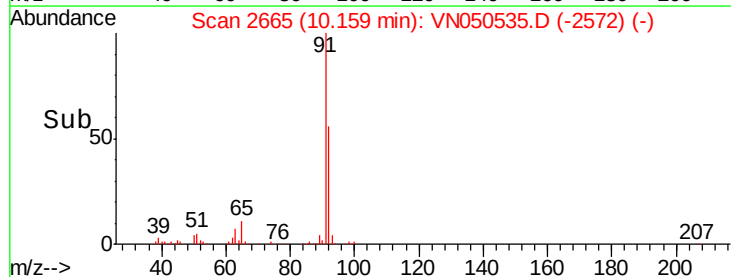
0

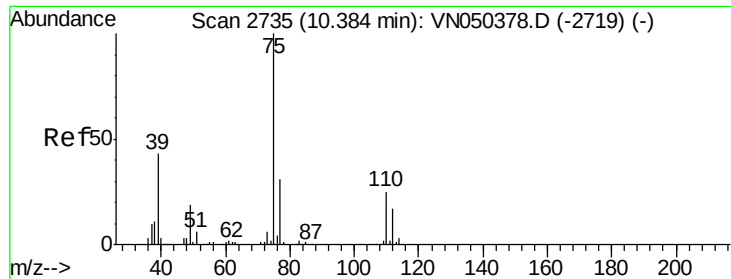
Time-->

10.10

10.20

10.30





#53

t-1,3-Dichloropropene

Concen: 17.84 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

Instrument :

MSVOA_N

ClientSampleId :

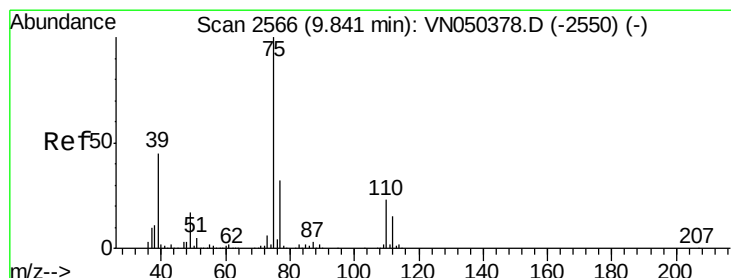
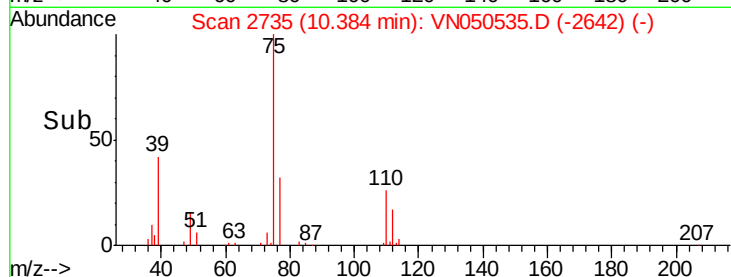
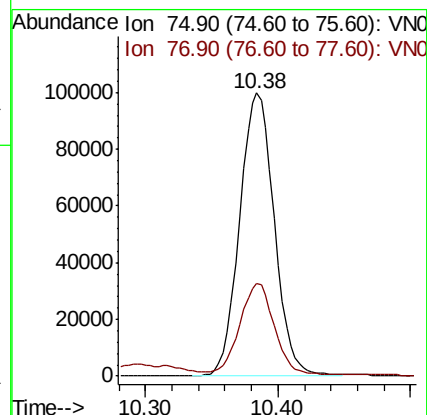
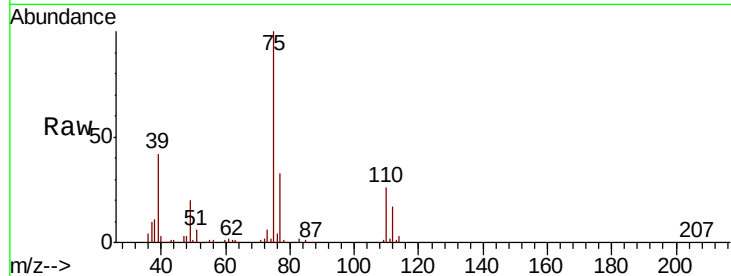
VN0810WBSD02

Tot Ion: 75 Resp: 181382

Ion Ratio Lower Upper

75 100

77 31.8 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 18.89 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

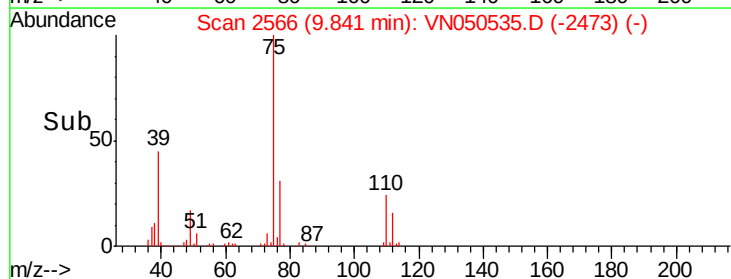
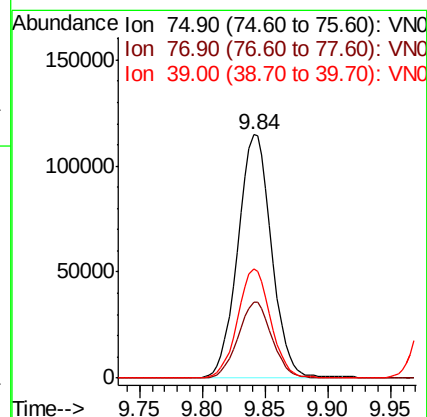
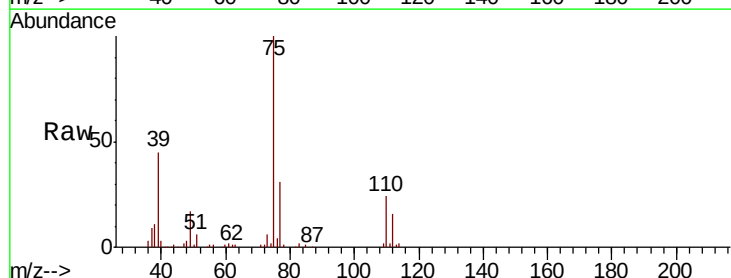
Tgt Ion: 75 Resp: 214313

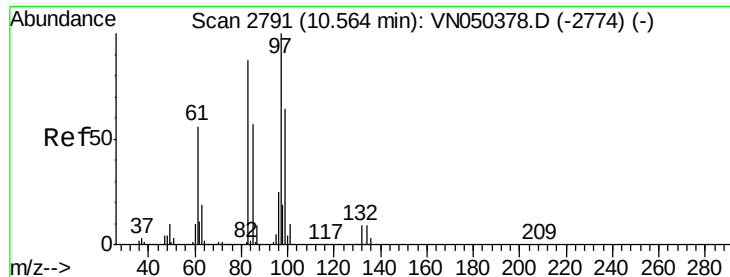
Ion Ratio Lower Upper

75 100

77 31.0 25.5 38.3

39 45.0 36.6 55.0

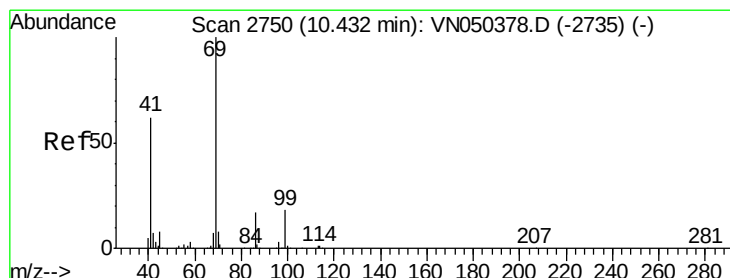
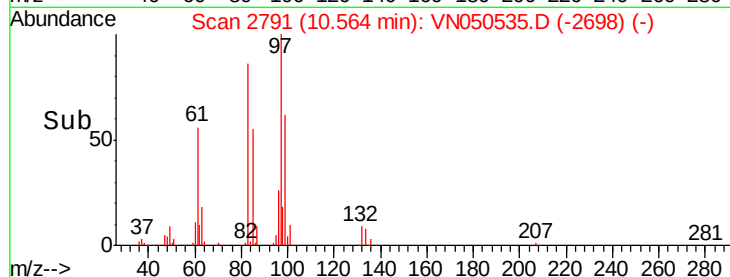
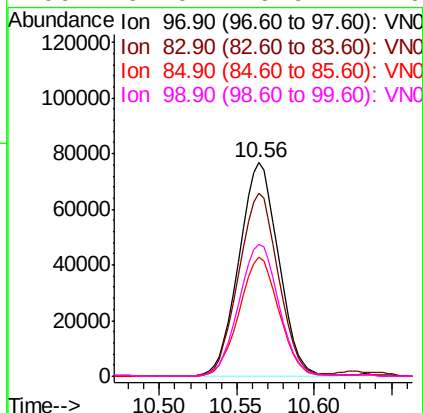
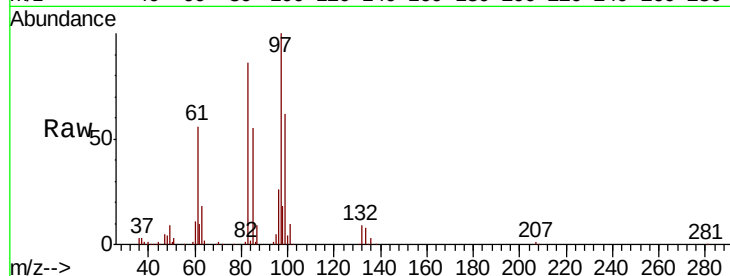




#55
 1,1,2-Trichloroethane
 Concen: 19.39 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN050535.D
 Acq: 10 Aug 2018 23:13

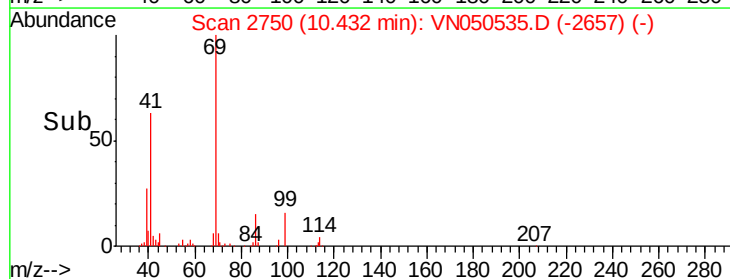
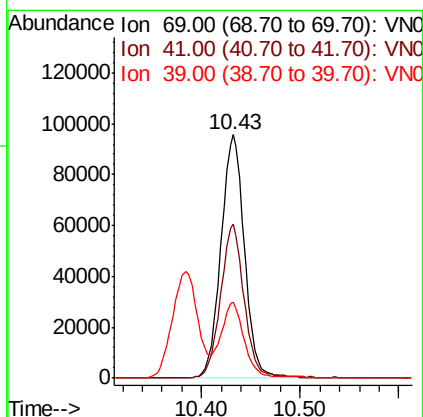
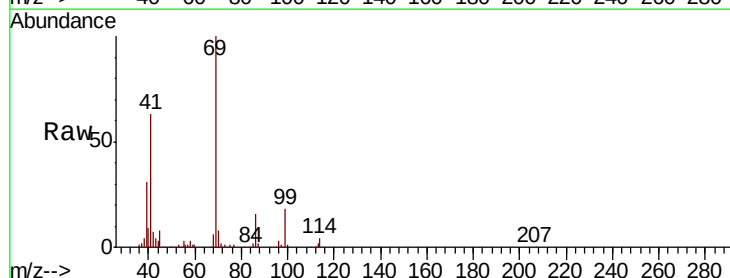
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBSD02

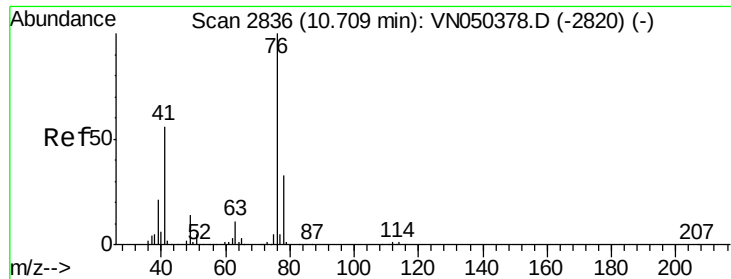
Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	85.8	69.2	103.8	
85	55.5	44.0	66.0	
99	62.0	49.9	74.9	



#56
 Ethyl methacrylate
 Concen: 17.23 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN050535.D
 Acq: 10 Aug 2018 23:13

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	62.2	51.0	76.4	
39	30.8	26.6	40.0	

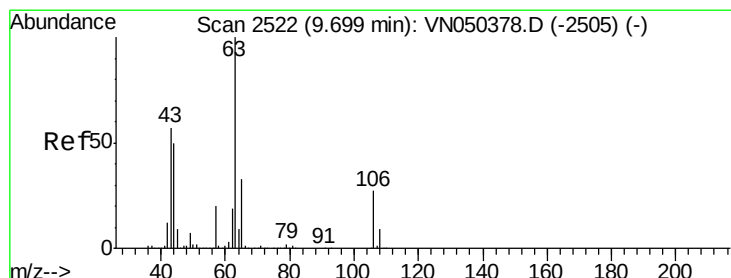
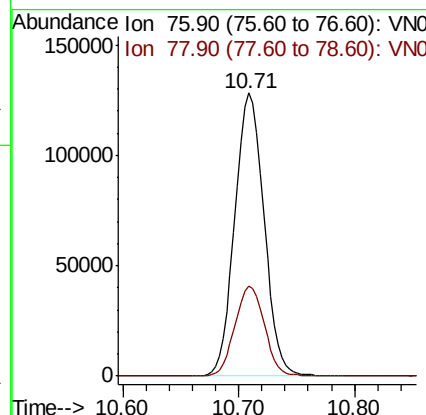
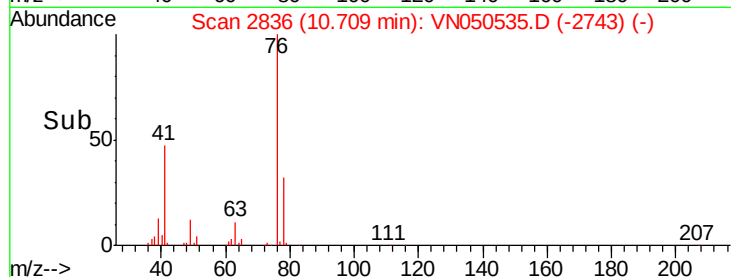
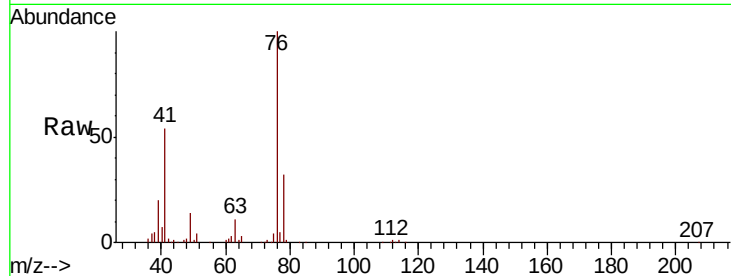




#57
 1,3-Dichloropropane
 Concen: 19.42 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN050535.D
 Acq: 10 Aug 2018 23:13

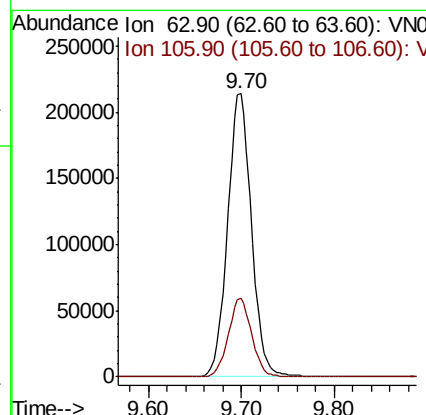
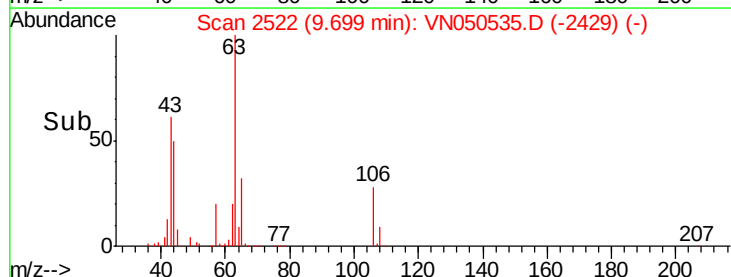
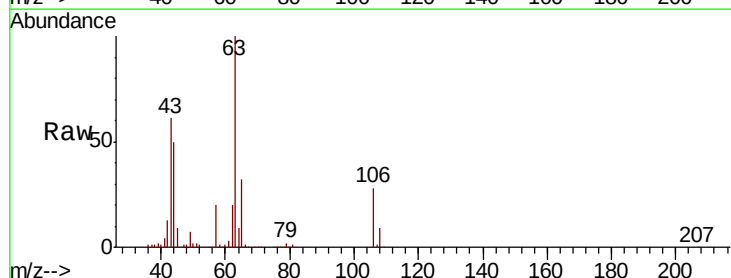
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBSD02

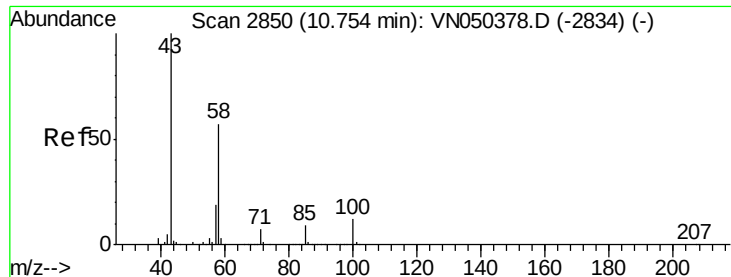
Tot Ion: 76 Resp: 225128
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 86.87 ug/l
 RT: 9.70 min Scan# 2522
 Delta R.T. 0.00 min
 Lab File: VN050535.D
 Acq: 10 Aug 2018 23:13

Tgt Ion: 63 Resp: 381514
 Ion Ratio Lower Upper
 63 100
 106 27.1 21.7 32.5





#59

2-Hexanone

Concen: 81.03 ug/l

RT: 10.75 min Scan# 2850

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

Instrument :

MSVOA_N

ClientSampleId :

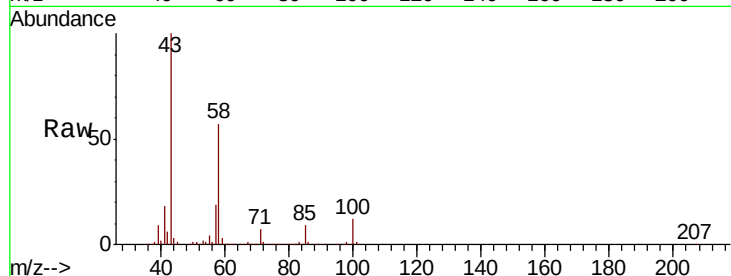
VN0810WBSD02

Tot Ion: 43 Resp: 495957

Ion Ratio Lower Upper

43 100

58 55.9 27.6 82.7



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-2834) (-)

Ion 58.00 (57.70 to 58.70): VN050378.D (-2834) (-)

10.75

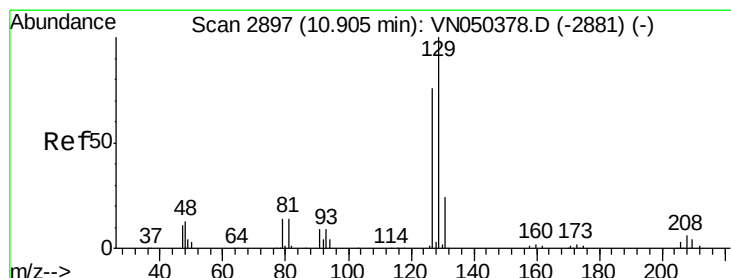
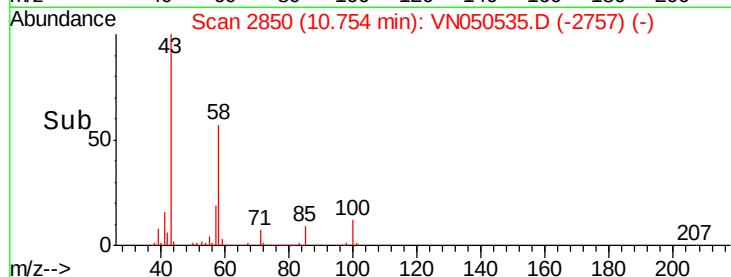
300000

200000

100000

0

Time-->



#60

Dibromochloromethane

Concen: 18.90 ug/l

RT: 10.90 min Scan# 2896

Delta R.T. -0.00 min

Lab File: VN050535.D

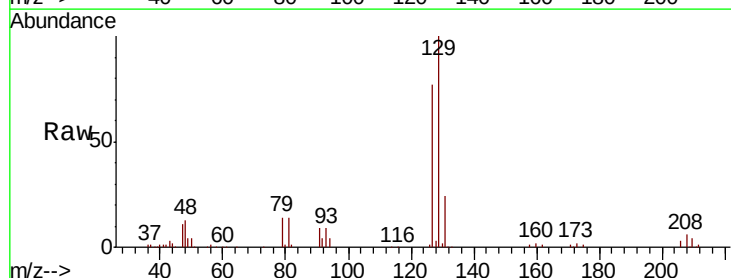
Acq: 10 Aug 2018 23:13

Tgt Ion: 129 Resp: 147054

Ion Ratio Lower Upper

129 100

127 76.6 38.0 113.9



Abundance Ion 128.80 (128.50 to 129.50): VN050378.D (-2881) (-)

Ion 126.80 (126.50 to 127.50): VN050378.D (-2881) (-)

10.90

80000

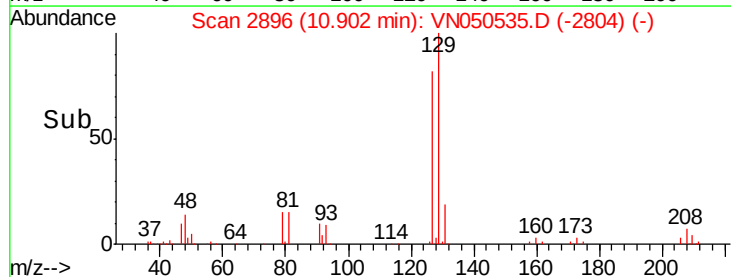
60000

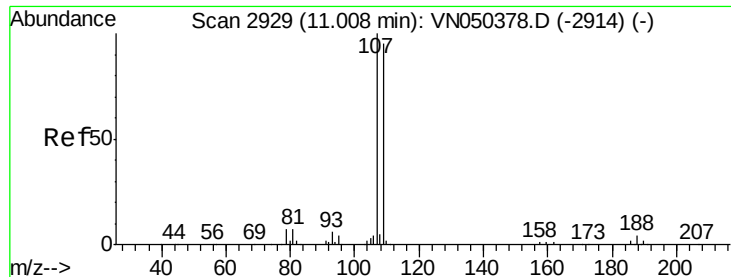
40000

20000

0

Time-->

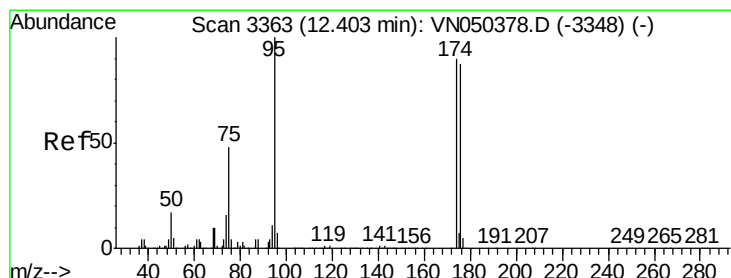
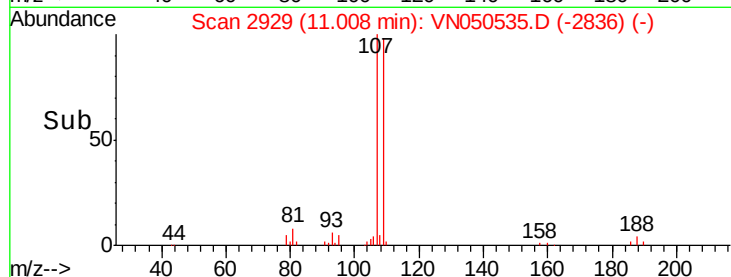
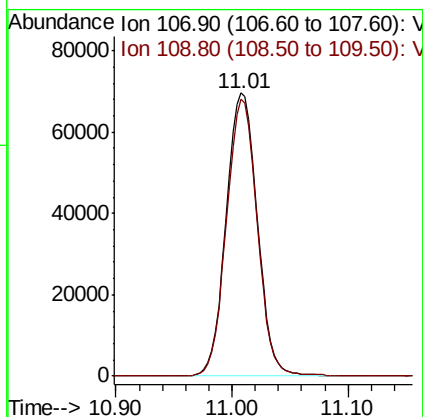
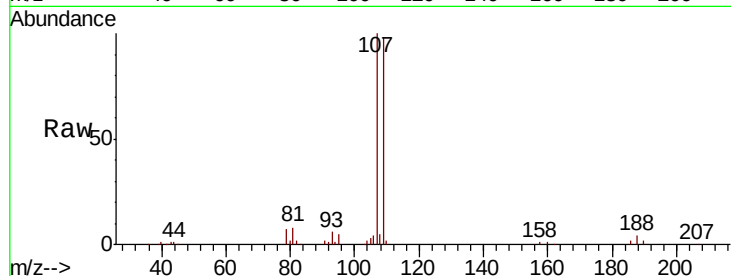




#61
 1,2-Dibromoethane
 Concen: 18.58 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN050535.D
 Acq: 10 Aug 2018 23:13

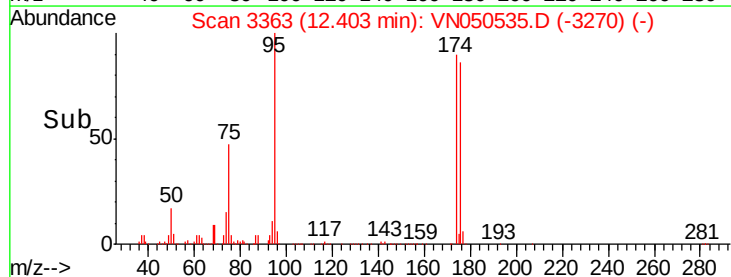
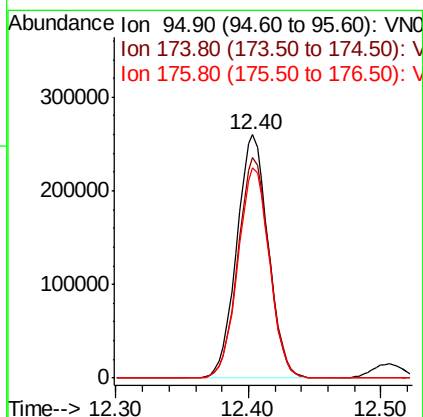
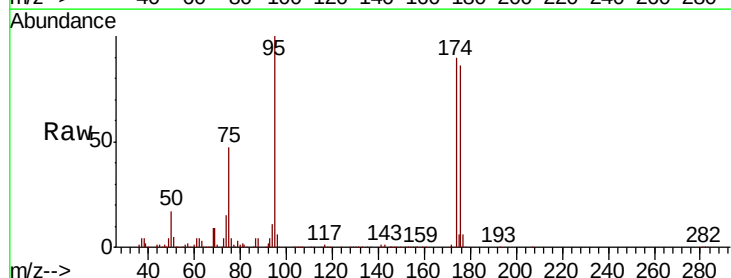
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBSD02

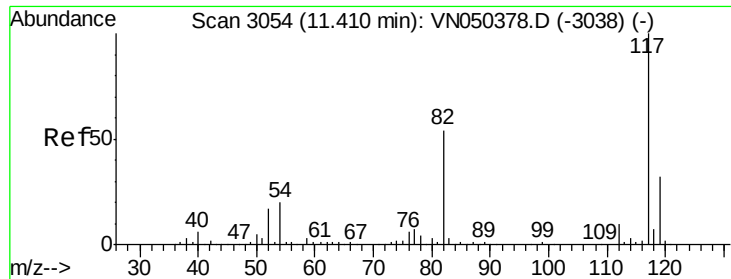
Tot Ion:107 Resp: 129331
 Ion Ratio Lower Upper
 107 100
 109 96.1 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 46.61 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050535.D
 Acq: 10 Aug 2018 23:13

Tgt Ion: 95 Resp: 427231
 Ion Ratio Lower Upper
 95 100
 174 90.4 0.0 178.2
 176 86.6 0.0 173.4

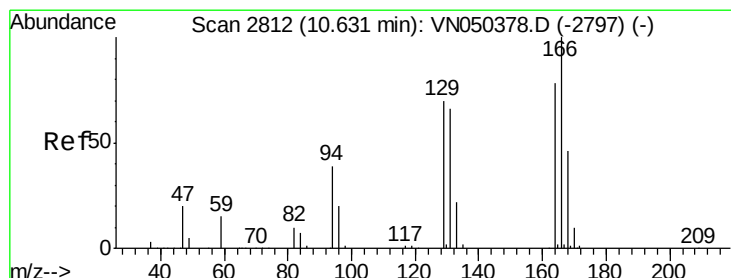
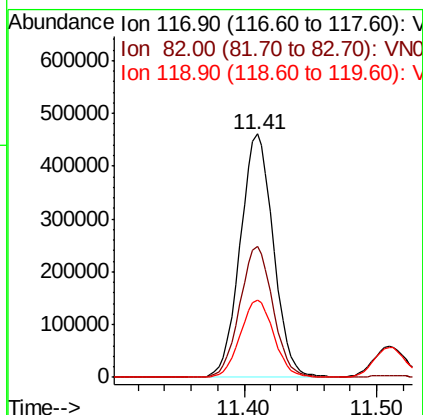
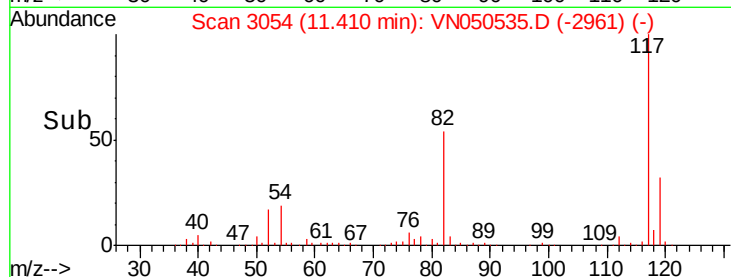
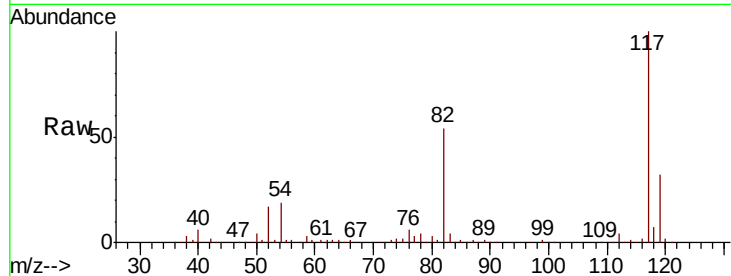




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050535.D
Acq: 10 Aug 2018 23:13

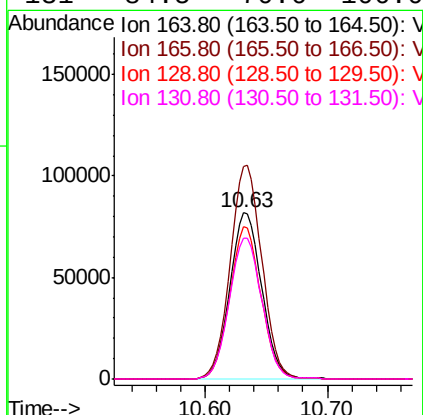
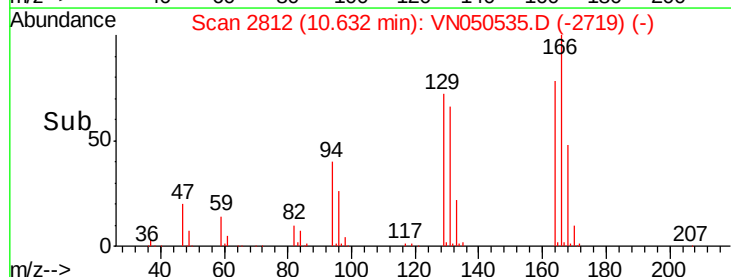
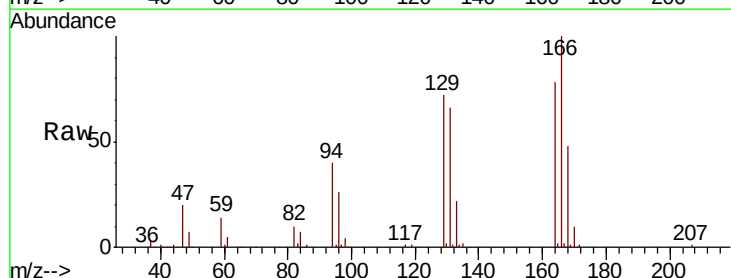
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD02

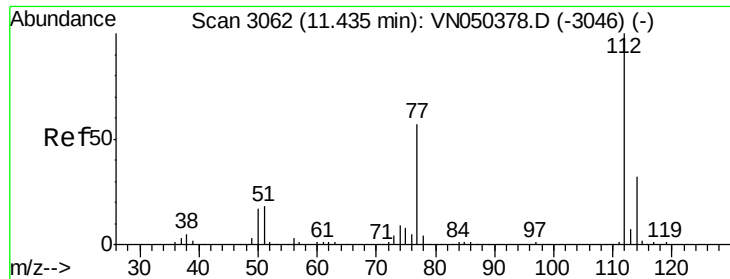
Tot Ion:117 Resp: 799232
Ion Ratio Lower Upper
117 100
82 53.6 43.7 65.5
119 31.9 26.1 39.1



#64
Tetrachloroethene
Concen: 19.96 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN050535.D
Acq: 10 Aug 2018 23:13

Tgt Ion:164 Resp: 149038
Ion Ratio Lower Upper
164 100
166 127.8 102.1 153.1
129 91.4 73.2 109.8
131 84.5 70.6 106.0

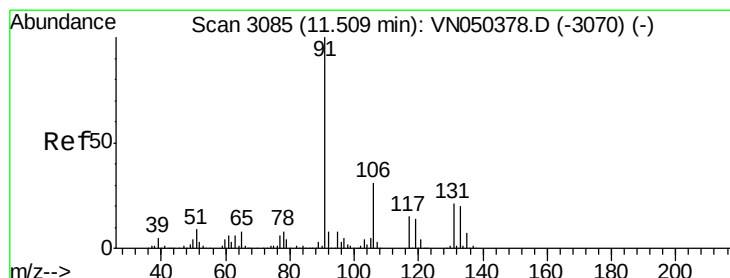
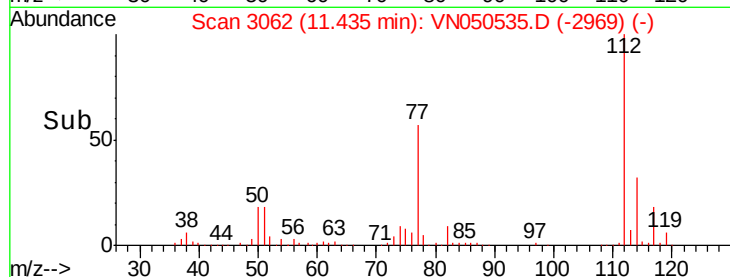
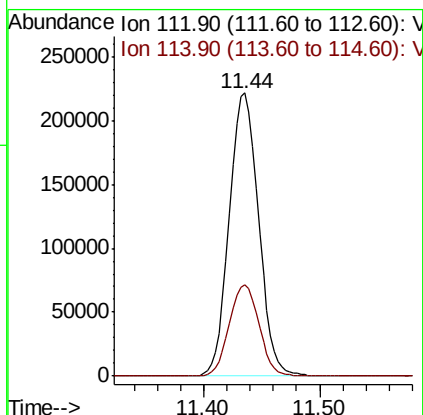
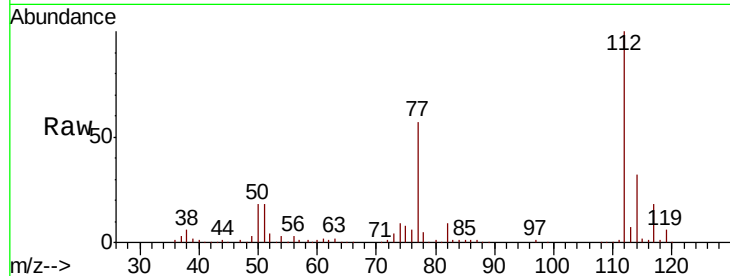




#65
Chlorobenzene
Concen: 19.33 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN050535.D
Acq: 10 Aug 2018 23:13

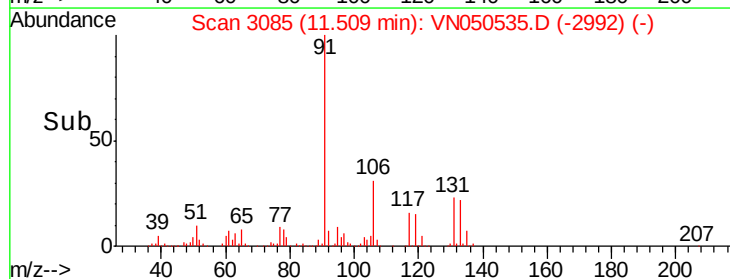
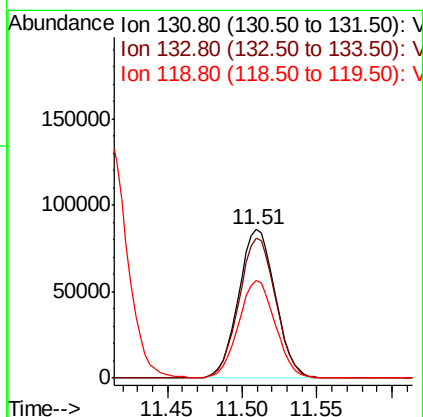
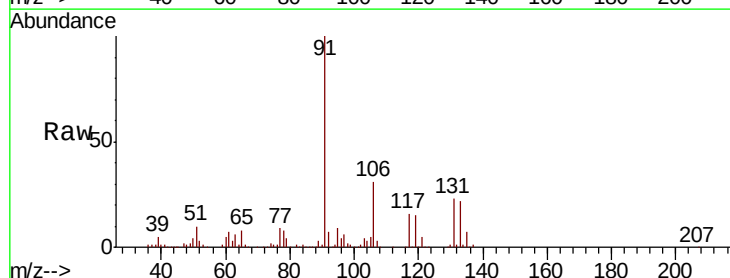
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD02

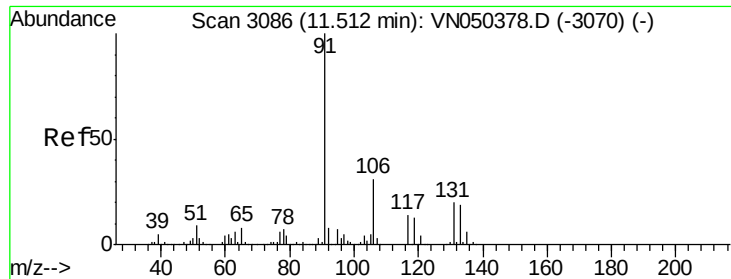
Tot Ion:112 Resp: 387308
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.28 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN050535.D
Acq: 10 Aug 2018 23:13

Tgt Ion:131 Resp: 147880
Ion Ratio Lower Upper
131 100
133 94.2 47.3 141.9
119 65.4 32.9 98.7

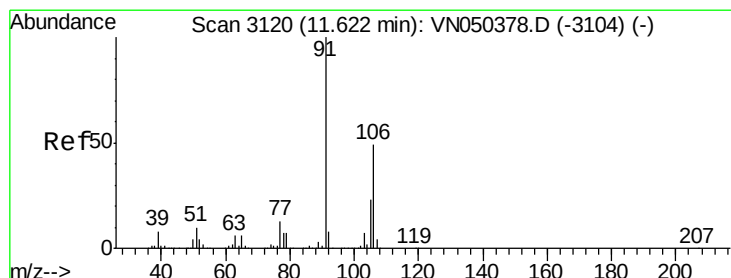
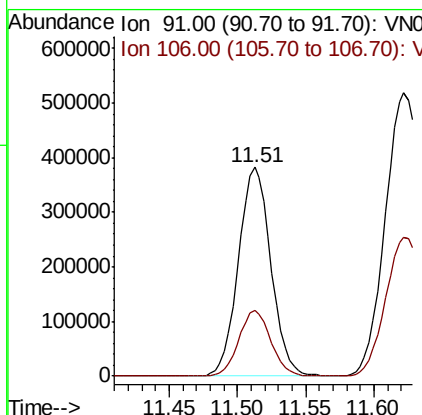
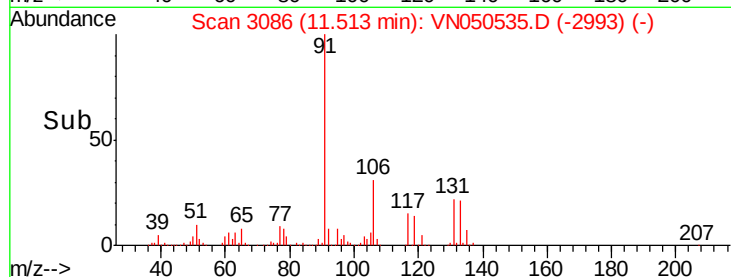
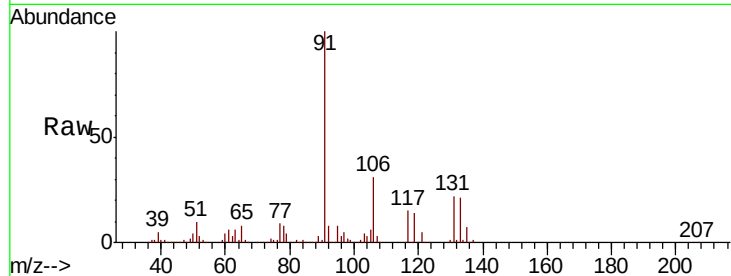




#67
Ethyl Benzene
Concen: 19.57 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050535.D
Acq: 10 Aug 2018 23:13

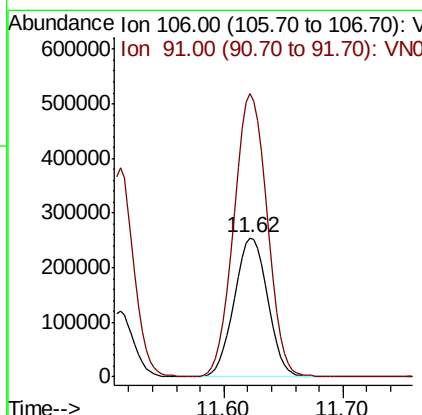
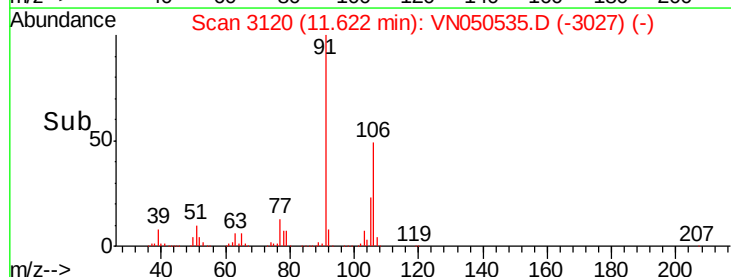
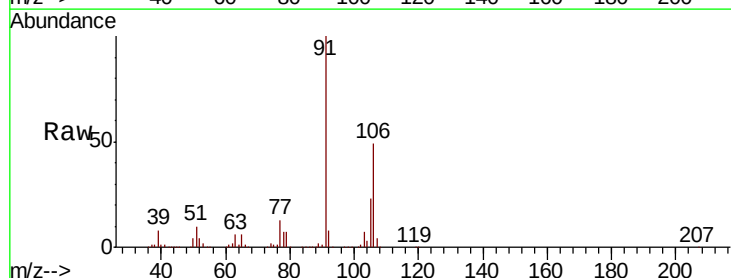
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD02

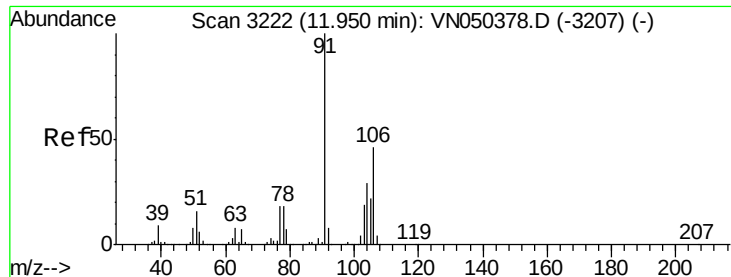
Tot Ion: 91 Resp: 633815
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.4



#68
m/p-Xylenes
Concen: 40.27 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN050535.D
Acq: 10 Aug 2018 23:13

Tgt Ion: 106 Resp: 496531
Ion Ratio Lower Upper
106 100
91 202.9 162.2 243.2

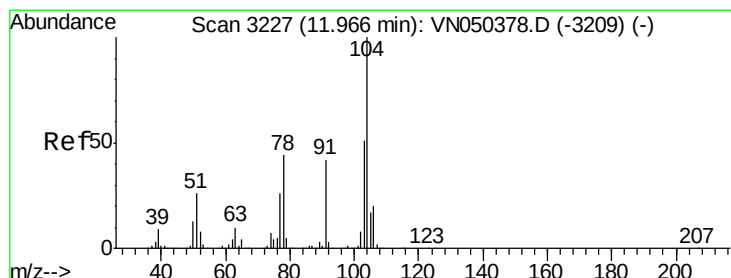
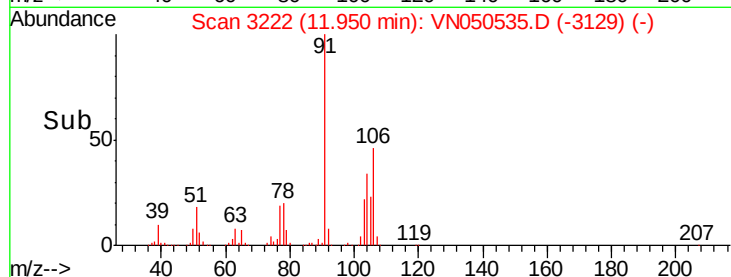
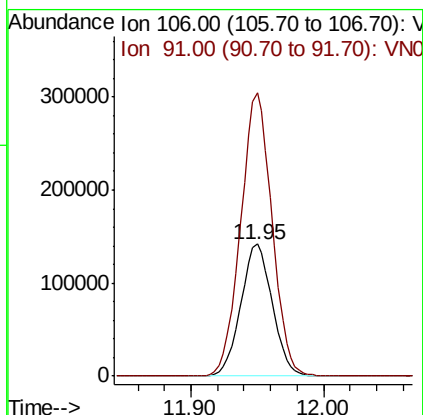
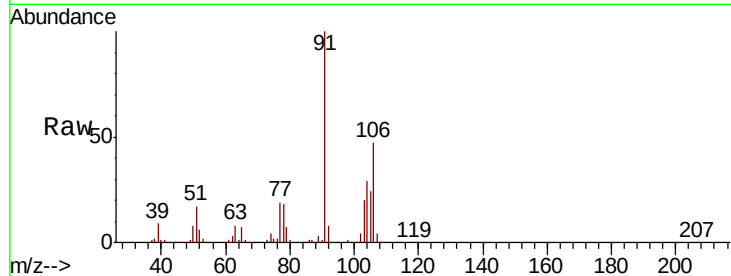




#69
o-Xylene
Concen: 19.72 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050535.D
Acq: 10 Aug 2018 23:13

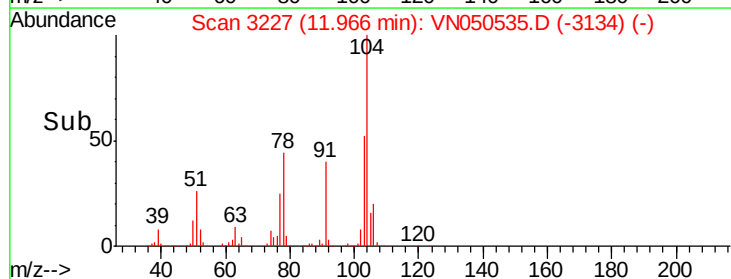
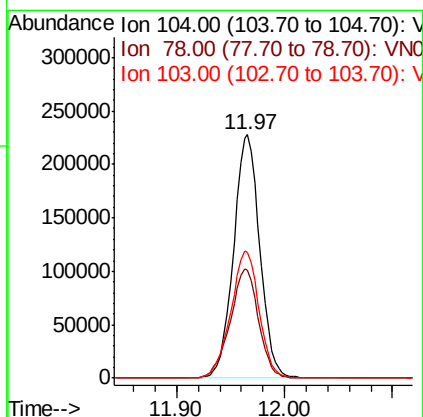
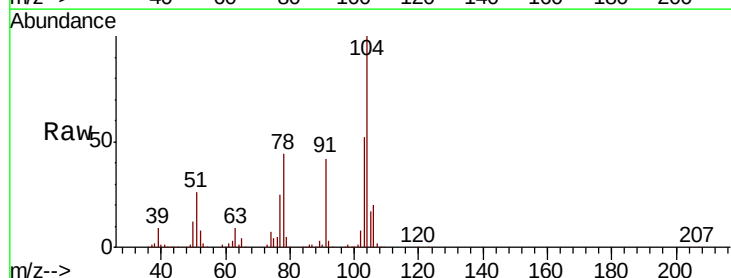
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD02

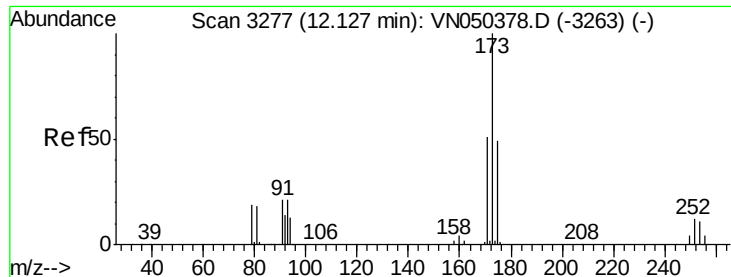
Tot Ion:106 Resp: 234177
Ion Ratio Lower Upper
106 100
91 213.2 107.7 323.1



#70
Styrene
Concen: 20.01 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050535.D
Acq: 10 Aug 2018 23:13

Tgt Ion:104 Resp: 386581
Ion Ratio Lower Upper
104 100
78 48.6 39.3 58.9
103 56.5 45.0 67.6

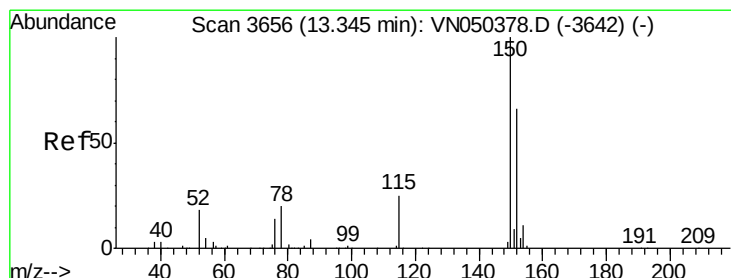
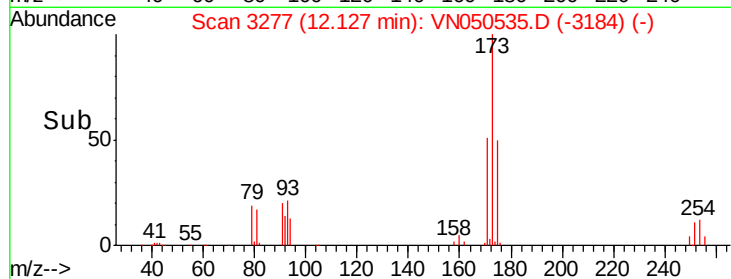
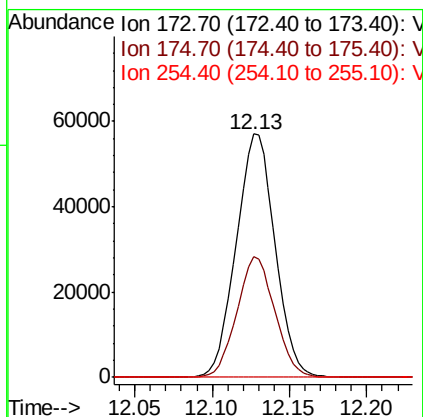
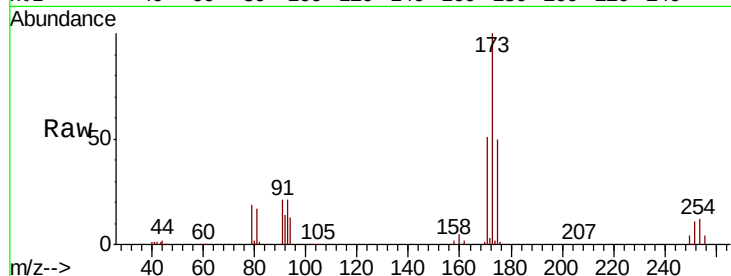




#71
Bromoform
Concen: 18.67 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN050535.D
Acq: 10 Aug 2018 23:13

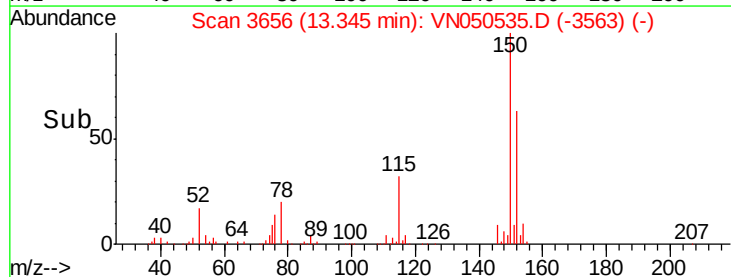
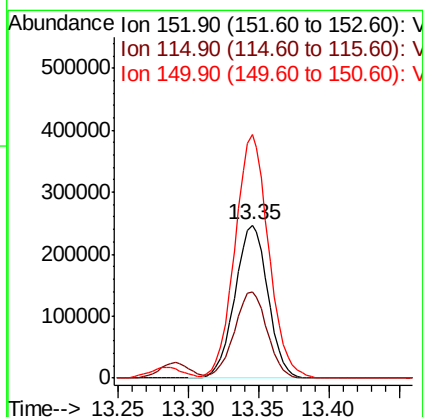
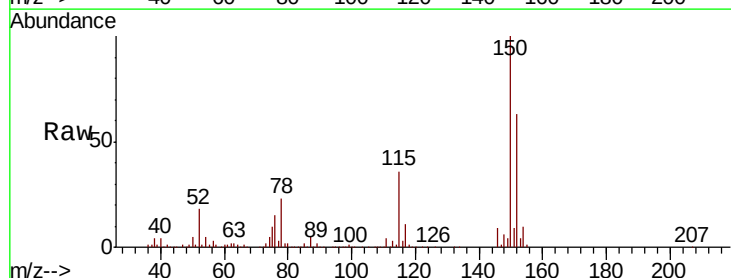
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD02

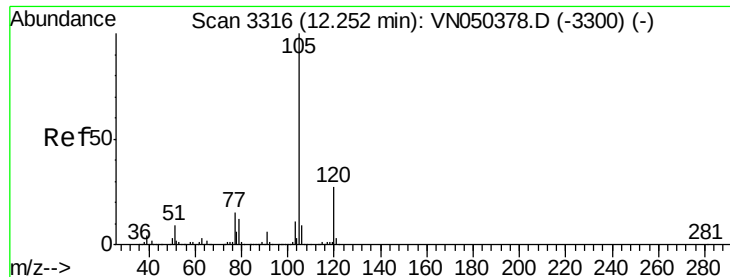
Tot Ion:173 Resp: 99513
Ion Ratio Lower Upper
173 100
175 48.3 24.1 72.2
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050535.D
Acq: 10 Aug 2018 23:13

Tgt Ion:152 Resp: 402946
Ion Ratio Lower Upper
152 100
115 56.5 27.8 83.3
150 163.1 0.0 348.6





#73

Isopropylbenzene

Concen: 20.64 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

Instrument :

MSVOA_N

ClientSampleId :

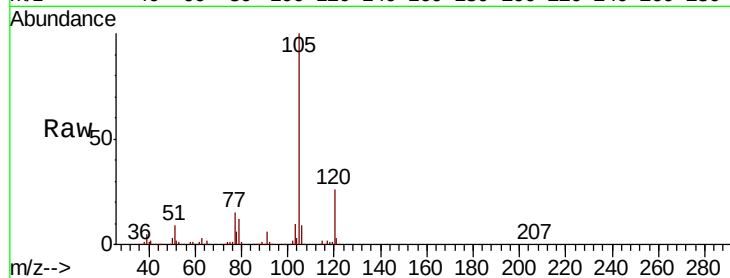
VN0810WBSD02

Tot Ion:105 Resp: 624256

Ion Ratio Lower Upper

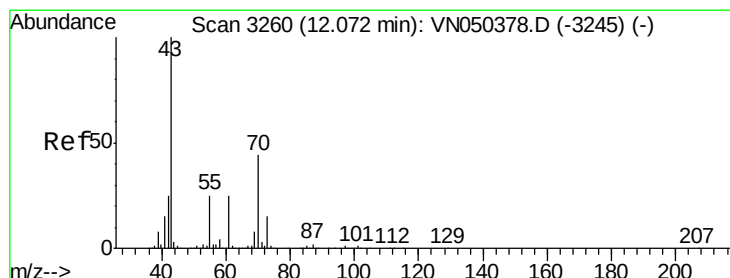
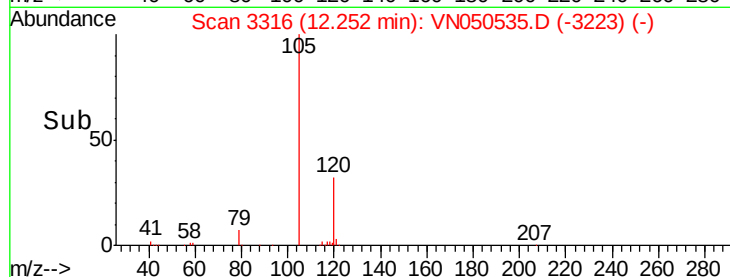
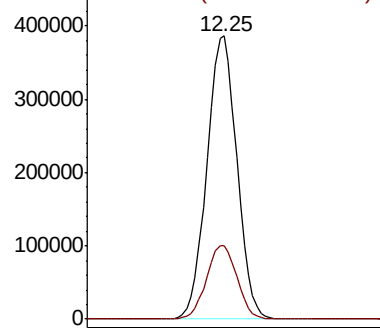
105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.52 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

Tgt Ion: 43 Resp: 171777

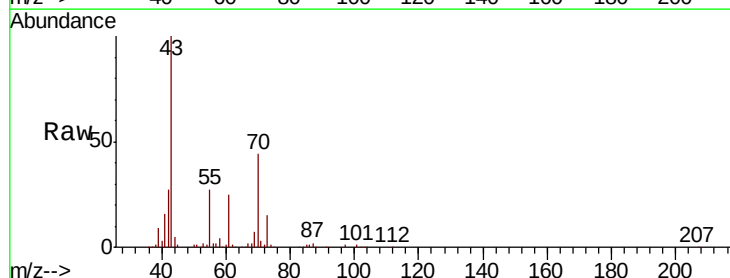
Ion Ratio Lower Upper

43 100

70 43.7 34.4 51.6

55 27.1 20.8 31.2

61 24.1 19.7 29.5

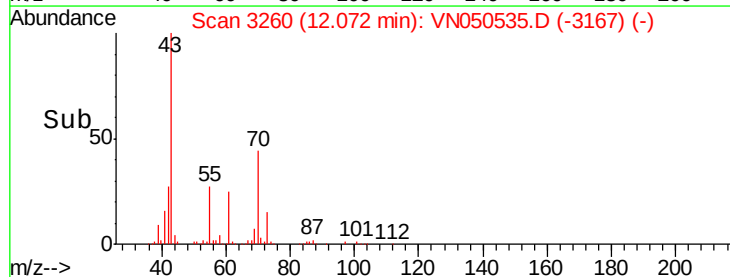
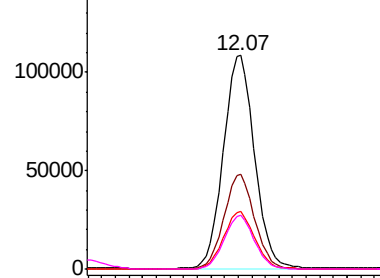


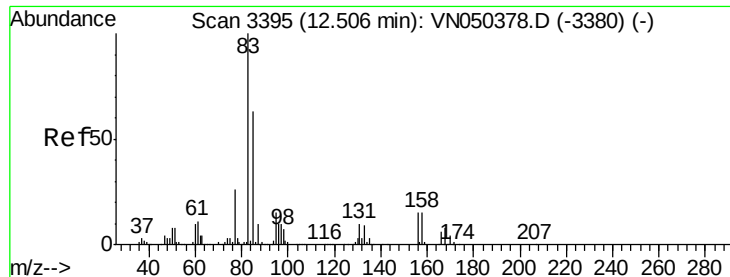
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.58 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

Instrument :

MSVOA_N

ClientSampleId :

VN0810WBSD02

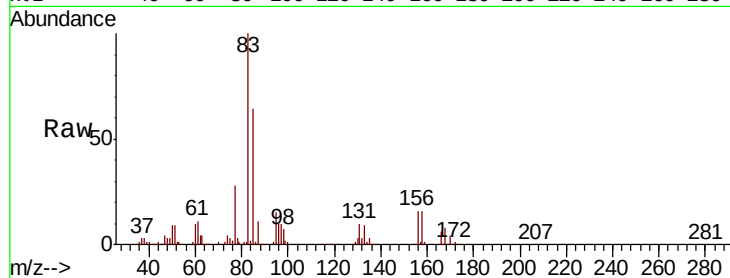
Tot Ion: 83 Resp: 170885

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

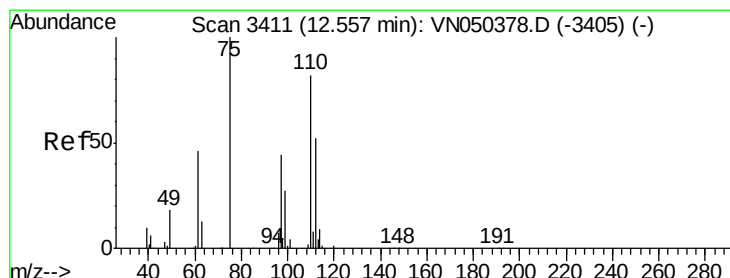
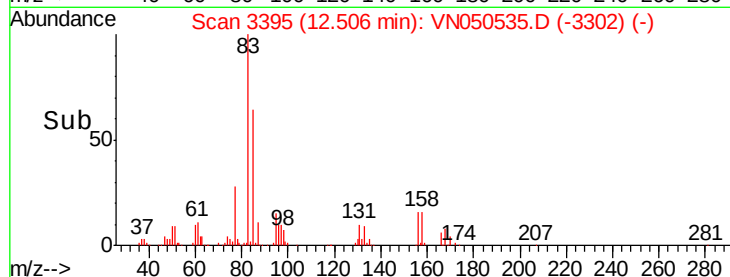
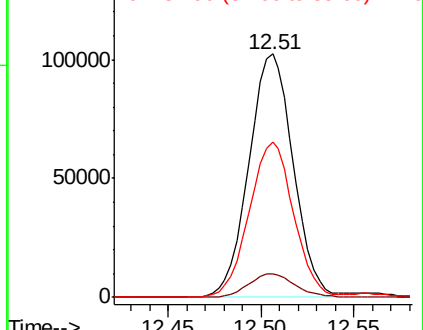
85 64.0 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 26.12 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN050535.D

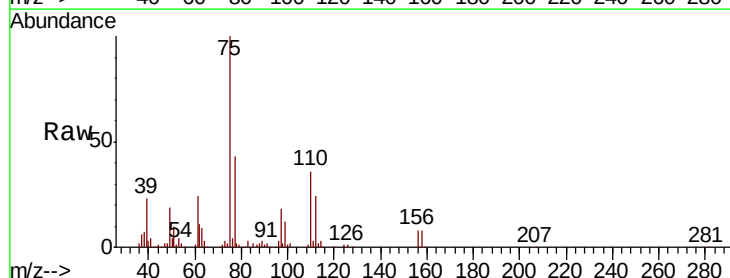
Acq: 10 Aug 2018 23:13

Tgt Ion: 75 Resp: 190510

Ion Ratio Lower Upper

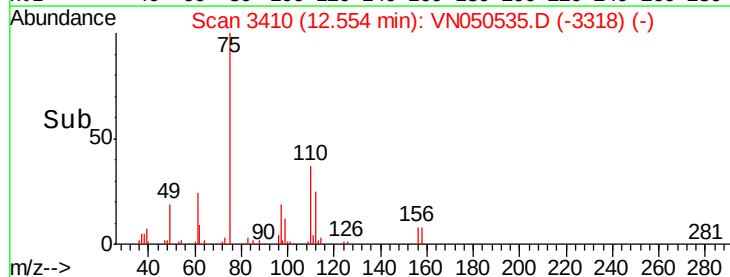
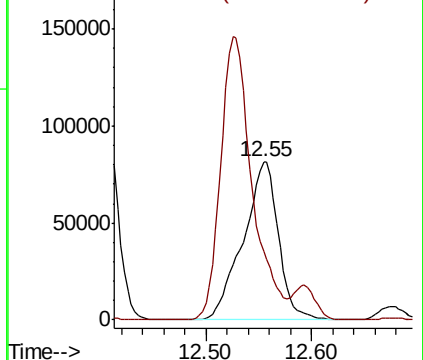
75 100

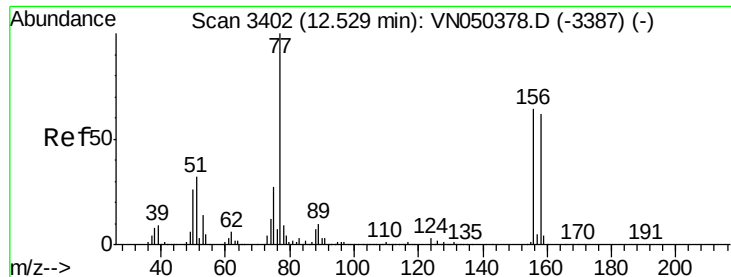
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.50 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

Instrument :

MSVOA_N

ClientSampleId :

VN0810WBSD02

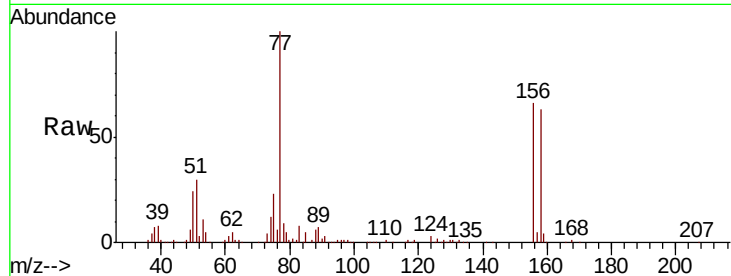
Tot Ion:156 Resp: 166130

Ion Ratio Lower Upper

156 100

77 182.1 91.7 275.1

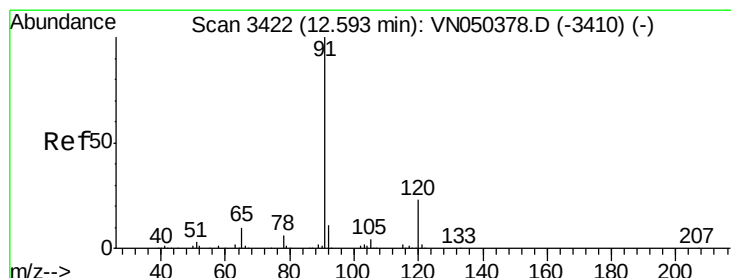
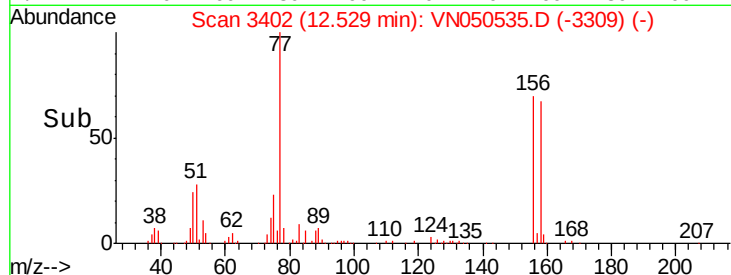
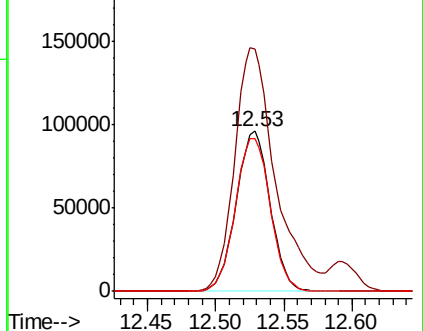
158 97.9 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.53 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050535.D

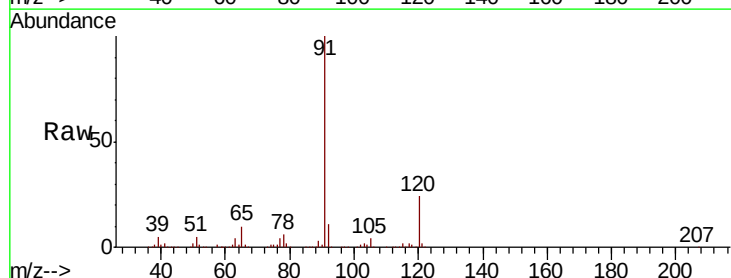
Acq: 10 Aug 2018 23:13

Tgt Ion: 91 Resp: 702761

Ion Ratio Lower Upper

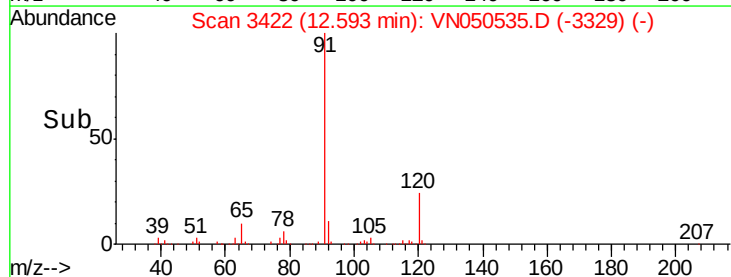
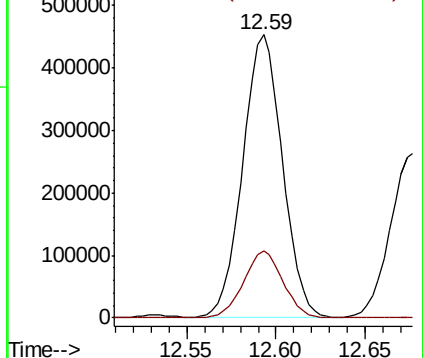
91 100

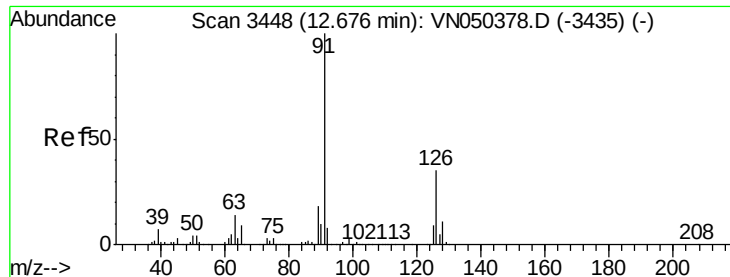
120 23.5 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.65 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

Instrument :

MSVOA_N

ClientSampleId :

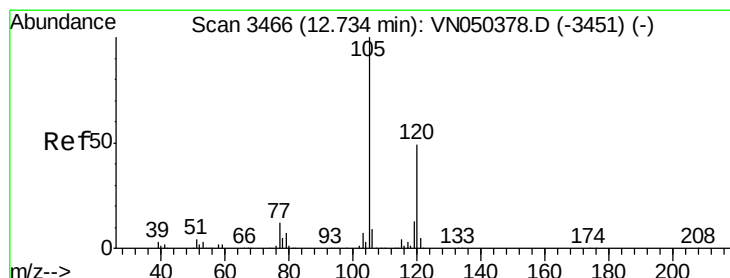
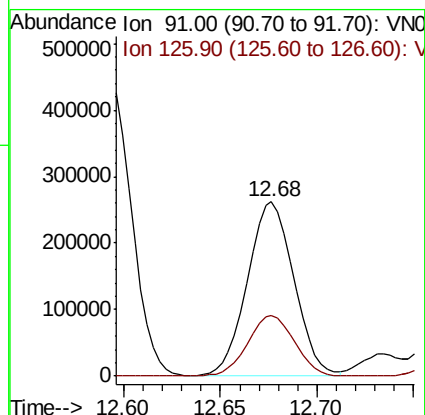
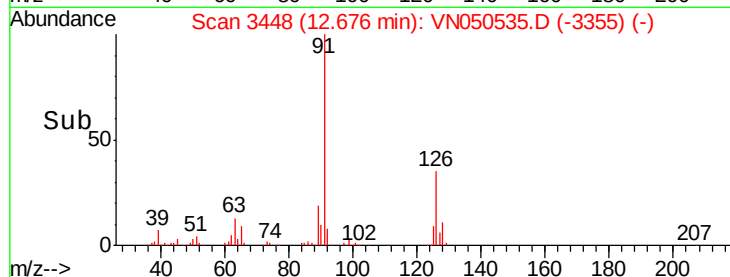
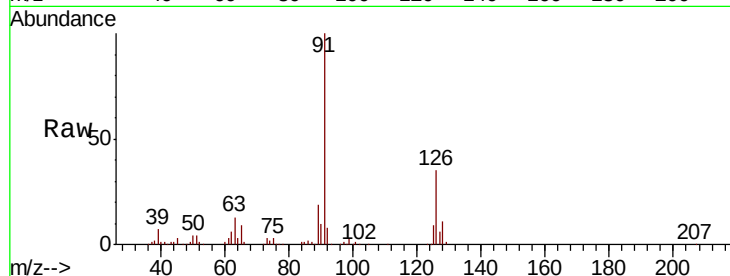
VN0810WBSD02

Tot Ion: 91 Resp: 436557

Ion Ratio Lower Upper

91 100

126 35.3 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 20.93 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050535.D

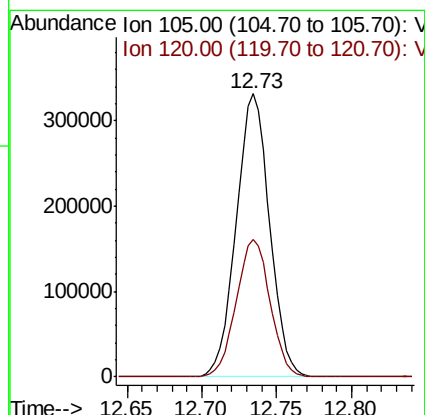
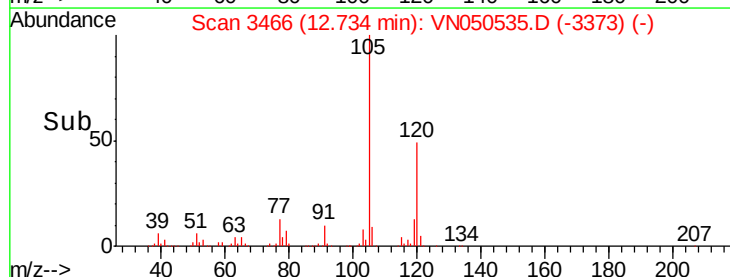
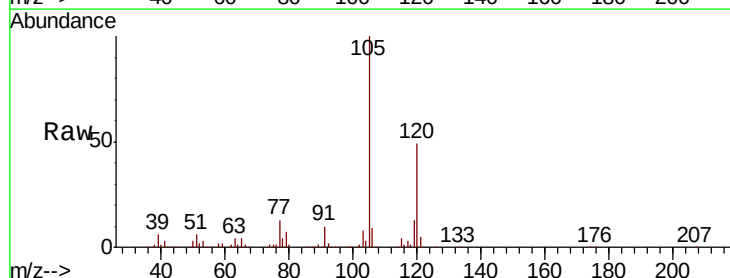
Acq: 10 Aug 2018 23:13

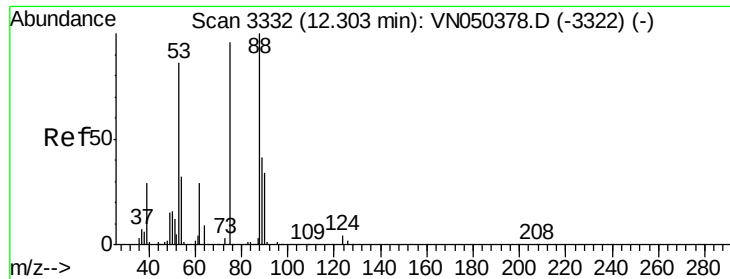
Tgt Ion: 105 Resp: 513824

Ion Ratio Lower Upper

105 100

120 49.4 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 16.40 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

Instrument :

MSVOA_N

ClientSampleId :

VN0810WBSD02

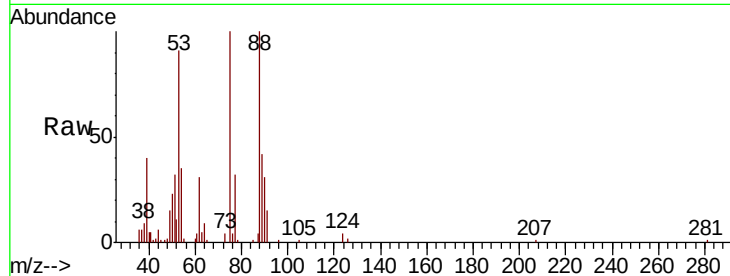
Tot Ion: 75 Resp: 34047

Ion Ratio Lower Upper

75 100

53 95.6 73.5 110.3

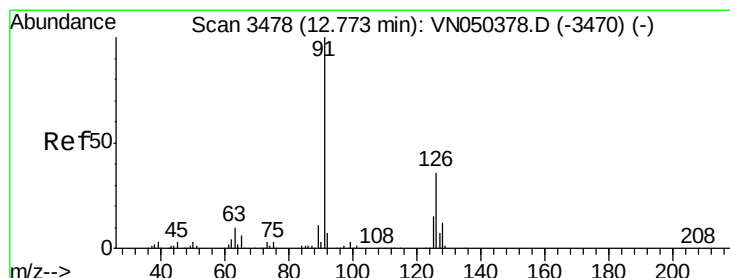
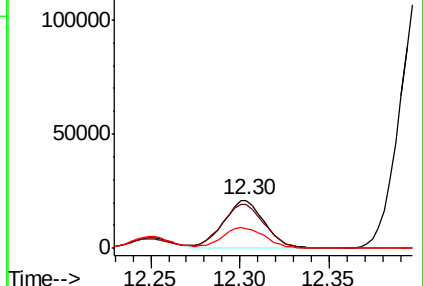
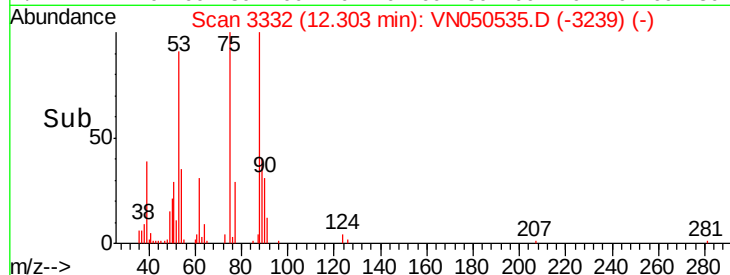
89 44.9 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.92 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. 0.00 min

Lab File: VN050535.D

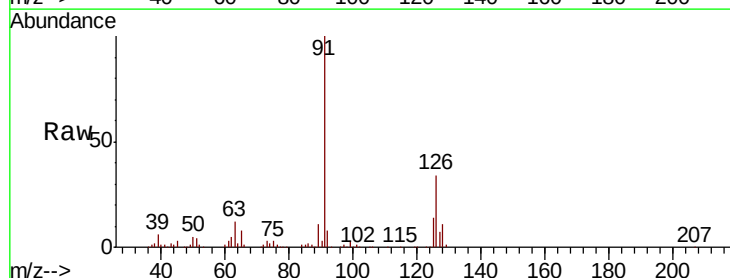
Acq: 10 Aug 2018 23:13

Tgt Ion: 91 Resp: 441127

Ion Ratio Lower Upper

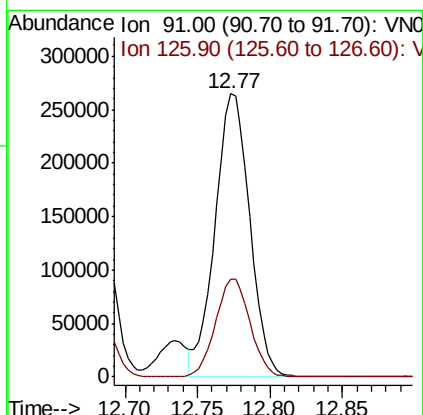
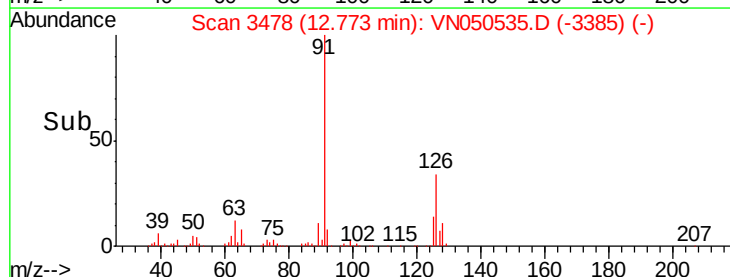
91 100

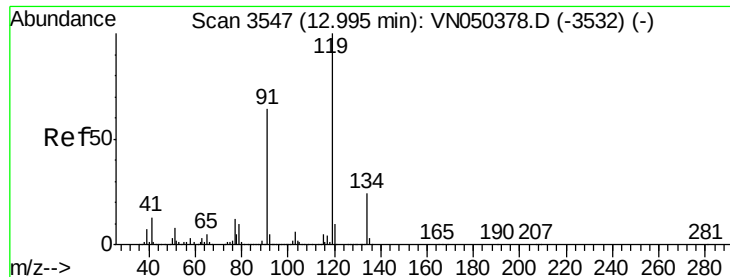
126 34.3 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.17 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

Instrument :

MSVOA_N

ClientSampleId :

VN0810WBSD02

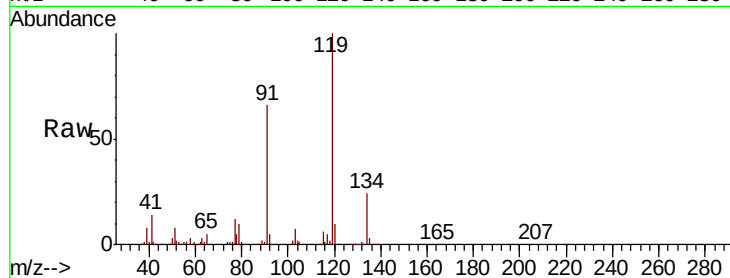
Tot Ion:119 Resp: 432148

Ion Ratio Lower Upper

119 100

91 64.1 32.1 96.3

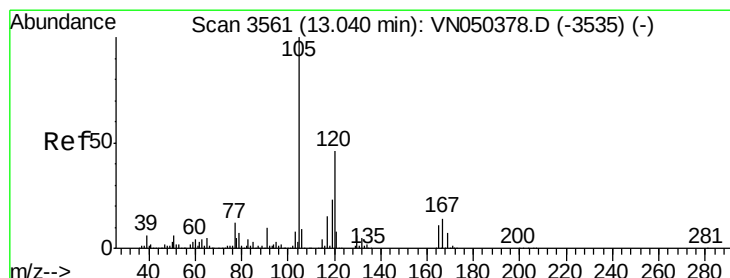
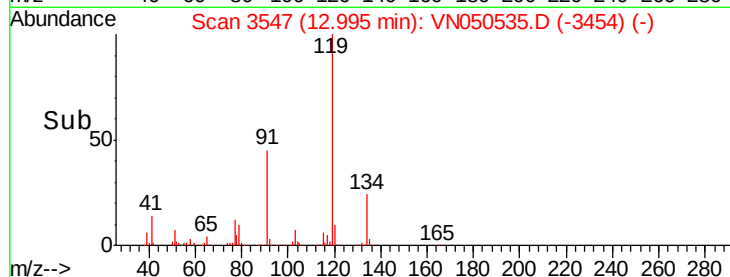
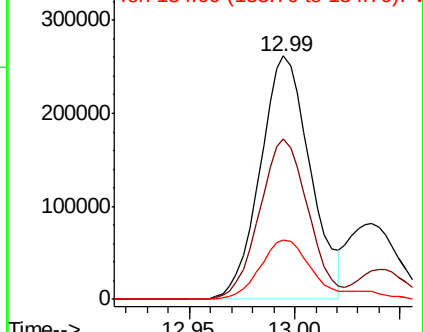
134 24.6 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.11 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. 0.00 min

Lab File: VN050535.D

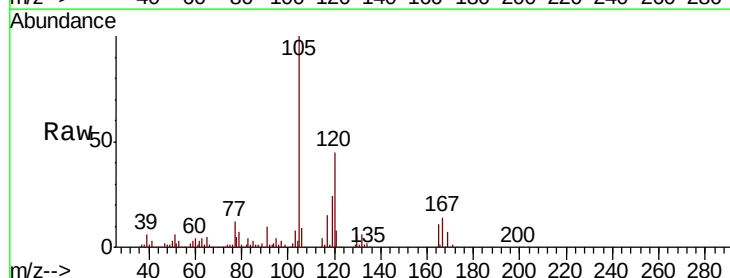
Acq: 10 Aug 2018 23:13

Tgt Ion:105 Resp: 525122

Ion Ratio Lower Upper

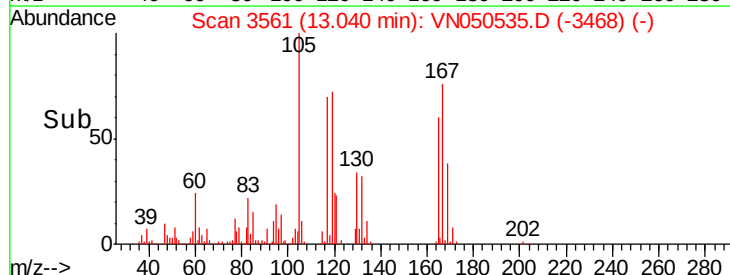
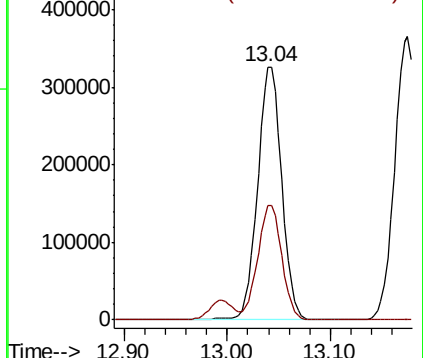
105 100

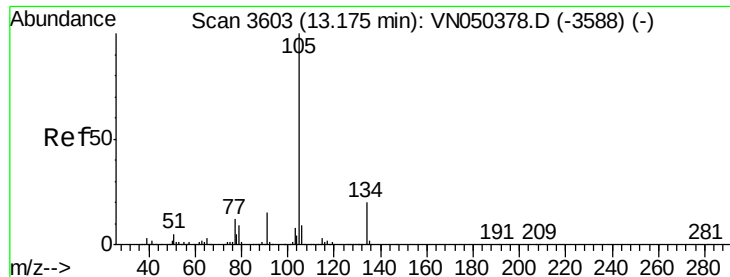
120 45.7 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.04 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

Instrument :

MSVOA_N

ClientSampleId :

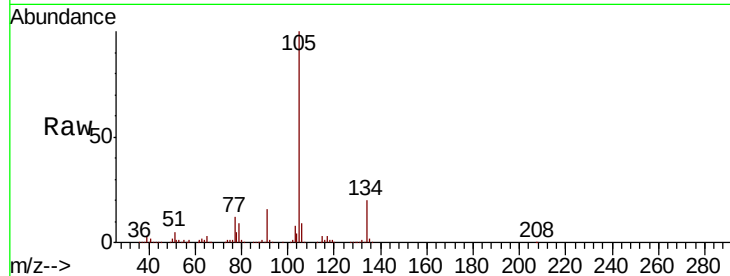
VN0810WBSD02

Tot Ion:105 Resp: 572176

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

400000

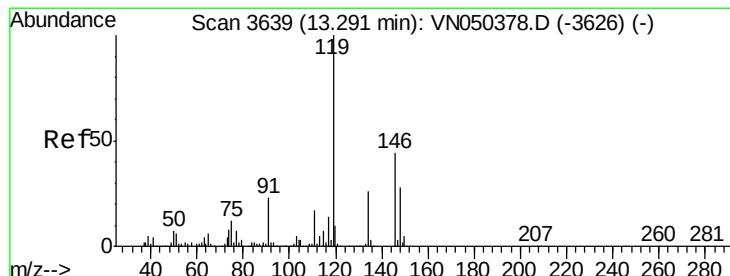
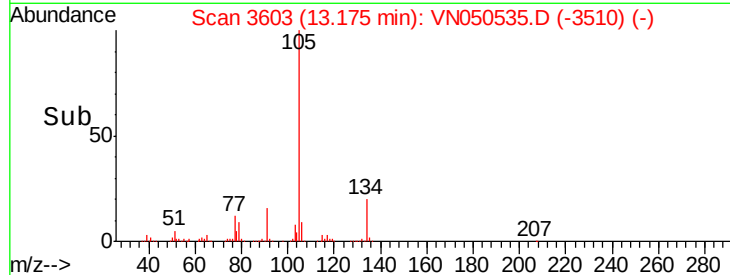
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.99 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

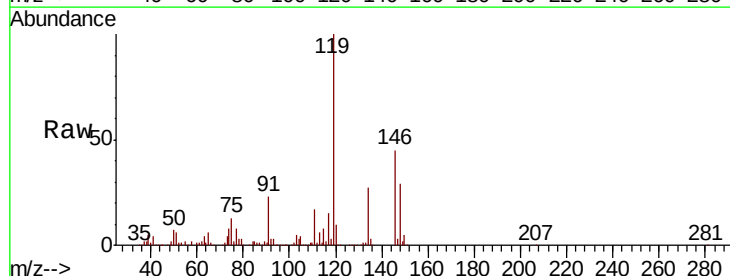
Tgt Ion:119 Resp: 488977

Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.8

91 22.7 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

400000

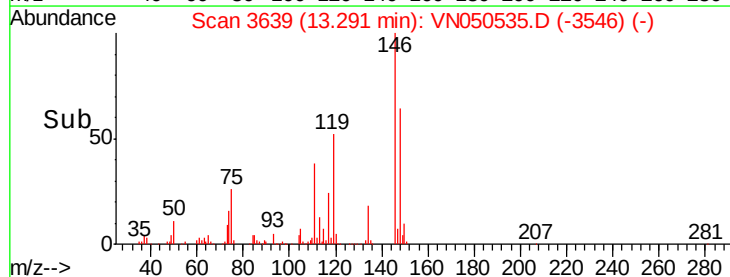
300000

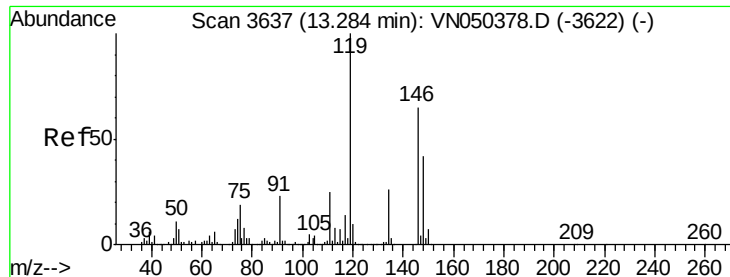
200000

100000

0

Time-->

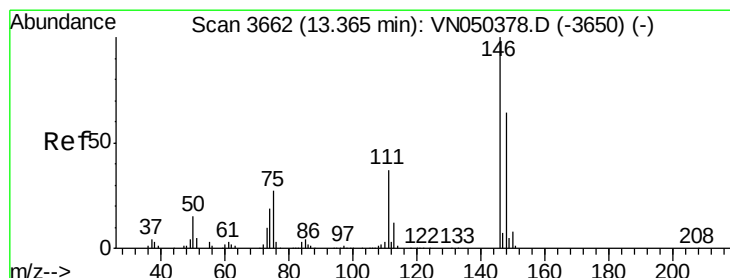
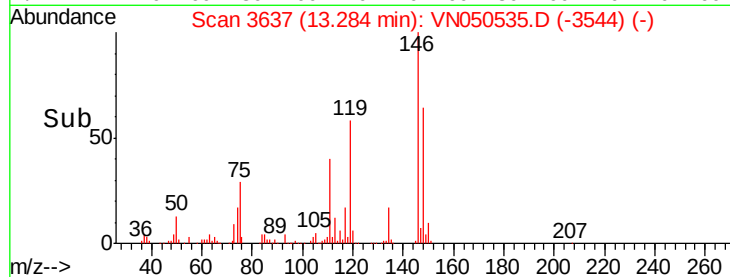
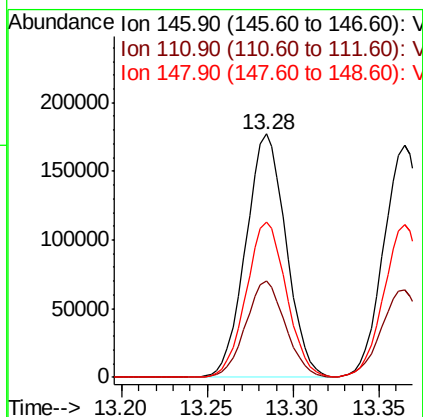
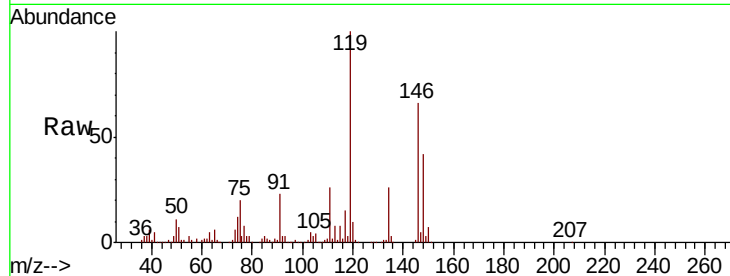




#87
 1,3-Dichlorobenzene
 Concen: 19.94 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN050535.D
 Acq: 10 Aug 2018 23:13

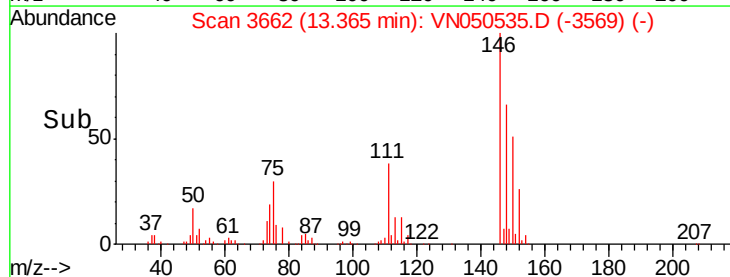
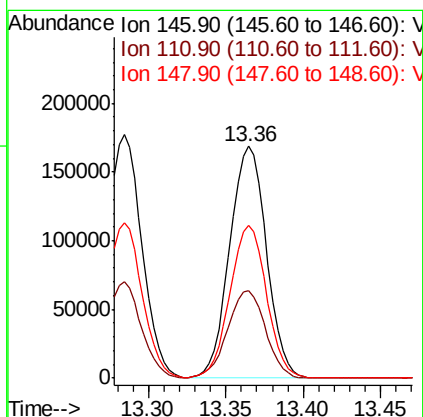
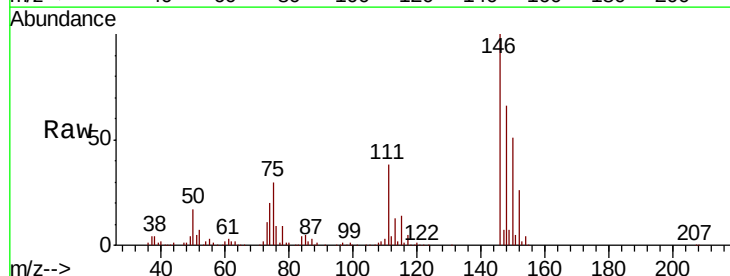
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBSD02

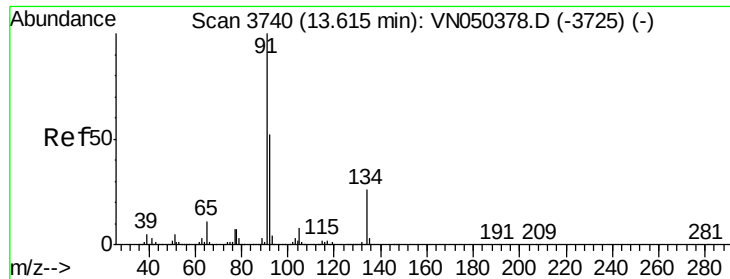
Tot Ion:146 Resp: 287829
 Ion Ratio Lower Upper
 146 100
 111 39.0 18.8 56.4
 148 63.6 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 19.30 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VN050535.D
 Acq: 10 Aug 2018 23:13

Tgt Ion:146 Resp: 278105
 Ion Ratio Lower Upper
 146 100
 111 39.1 18.3 54.9
 148 65.5 31.9 95.9

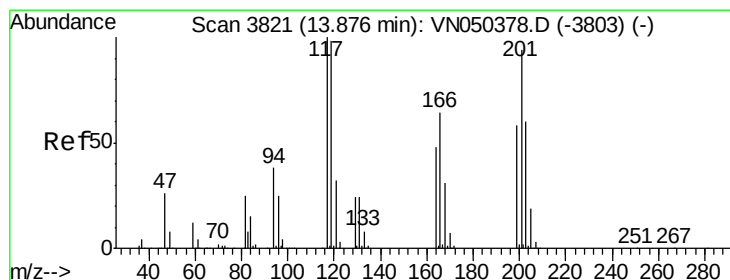
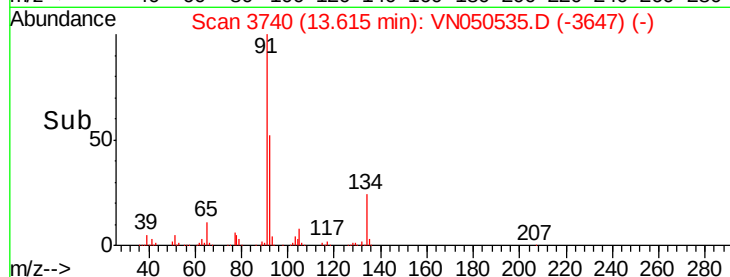
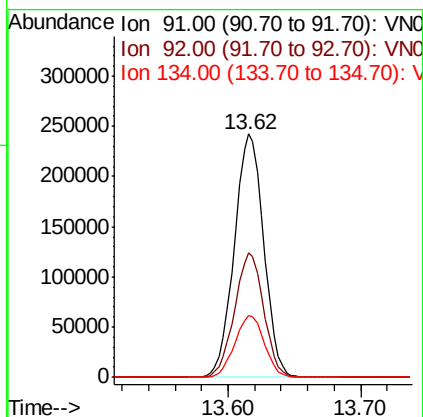
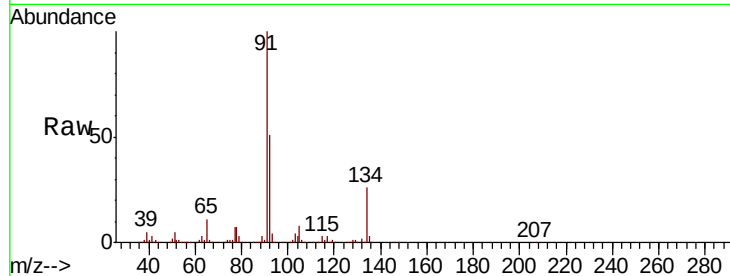




#89
n-Butylbenzene
Concen: 17.91 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. 0.00 min
Lab File: VN050535.D
Acq: 10 Aug 2018 23:13

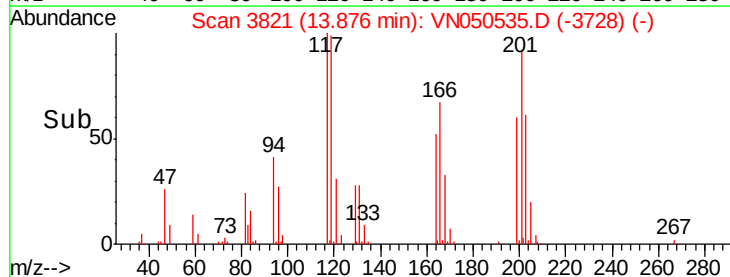
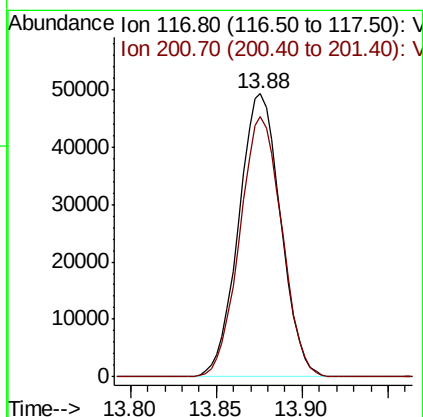
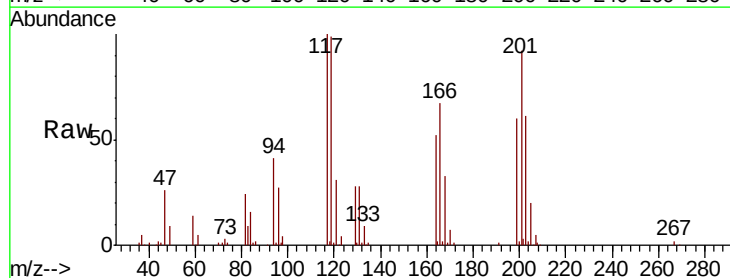
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD02

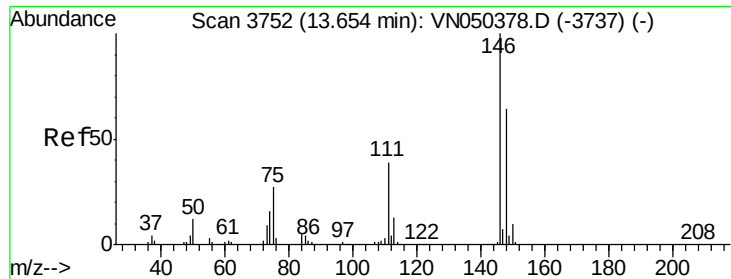
Tot Ion: 91 Resp: 373028
Ion Ratio Lower Upper
91 100
92 50.6 25.8 77.4
134 25.6 12.8 38.4



#90
Hexachloroethane
Concen: 19.15 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN050535.D
Acq: 10 Aug 2018 23:13

Tgt Ion: 117 Resp: 83309
Ion Ratio Lower Upper
117 100
201 91.9 45.6 136.8

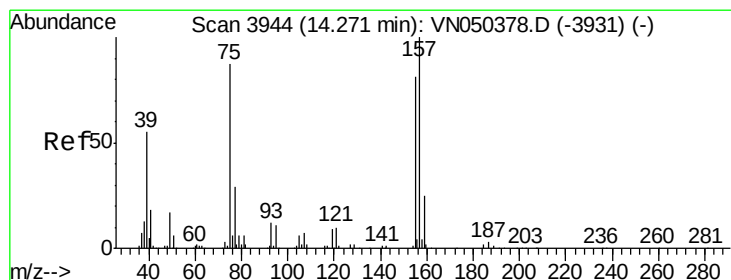
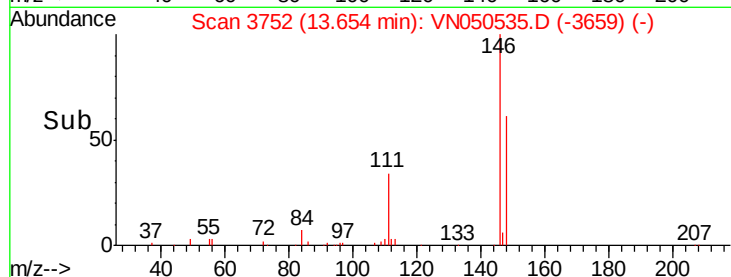
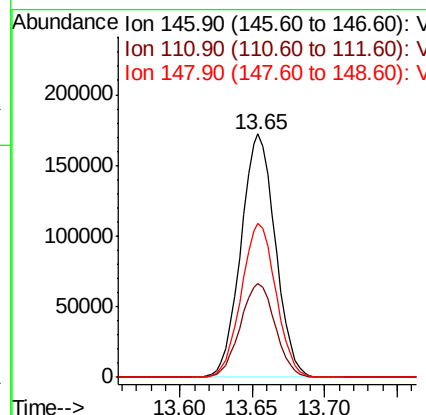
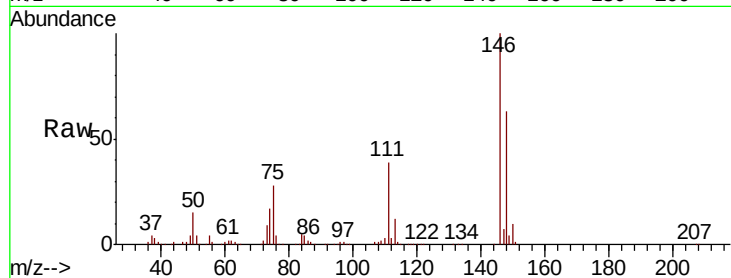




#91
 1,2-Dichlorobenzene
 Concen: 19.61 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. 0.00 min
 Lab File: VN050535.D
 Acq: 10 Aug 2018 23:13

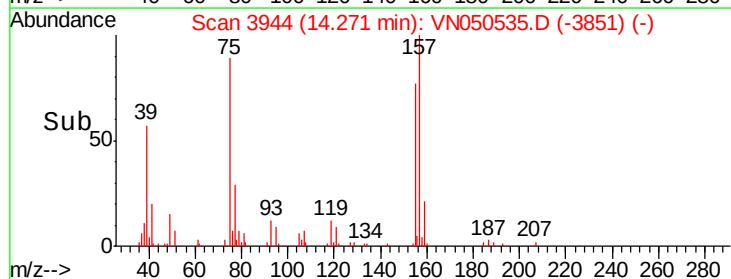
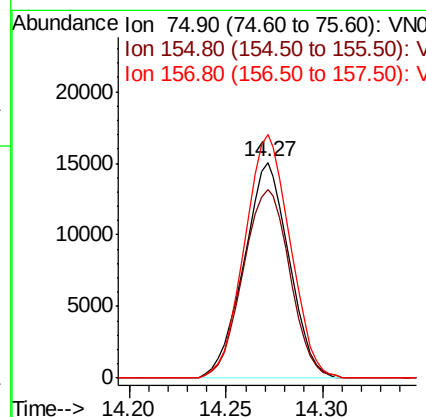
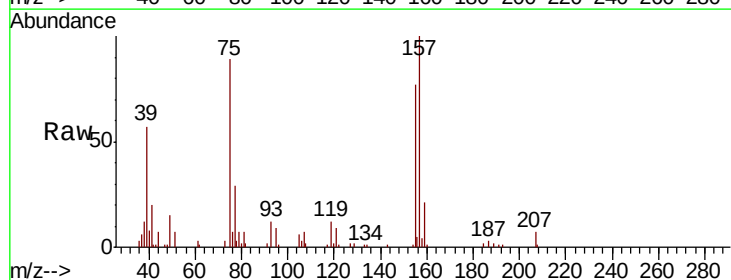
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBSD02

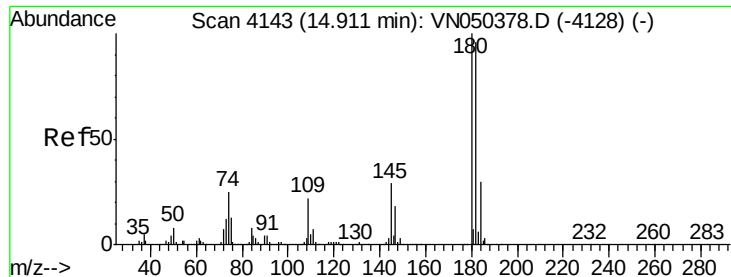
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.7
148	63.5	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.53 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN050535.D
 Acq: 10 Aug 2018 23:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.6	44.8	134.4
157	114.0	57.2	171.6

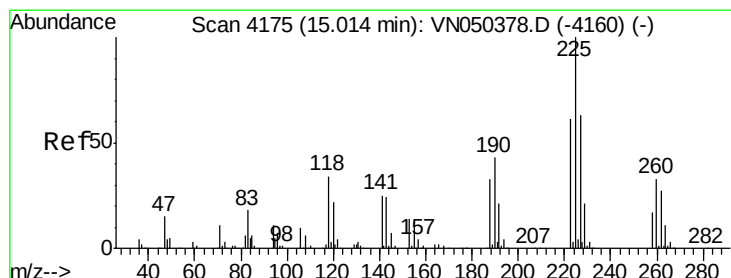
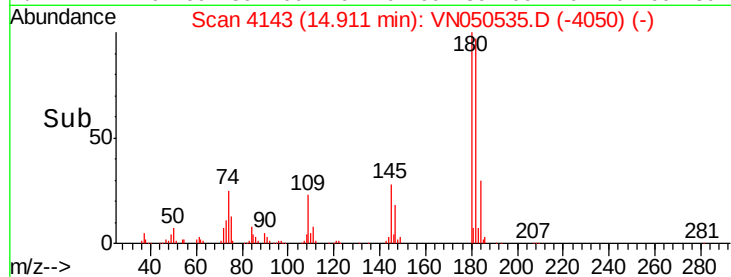
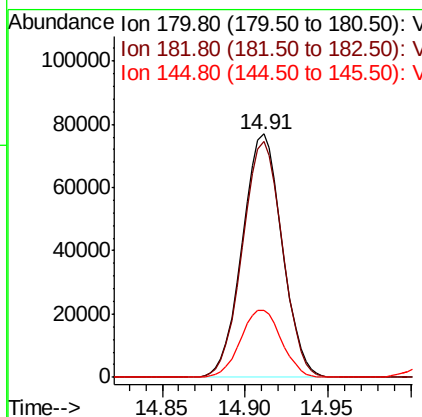
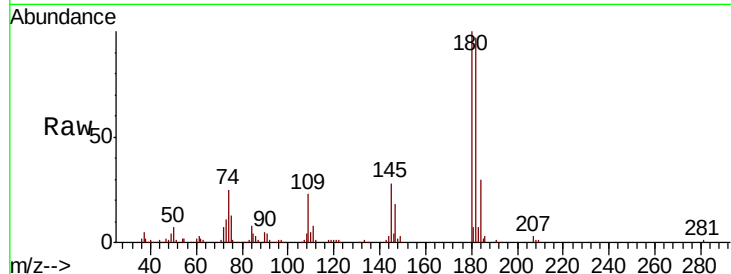




#93
 1,2,4-Trichlorobenzene
 Concen: 17.44 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050535.D
 Acq: 10 Aug 2018 23:13

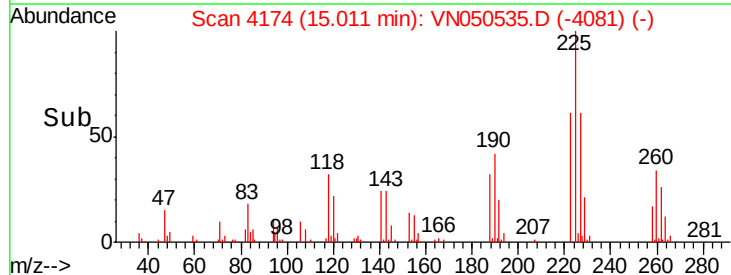
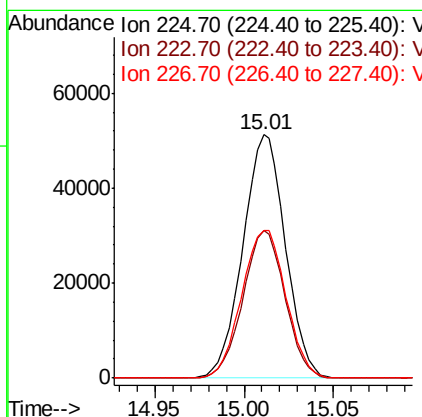
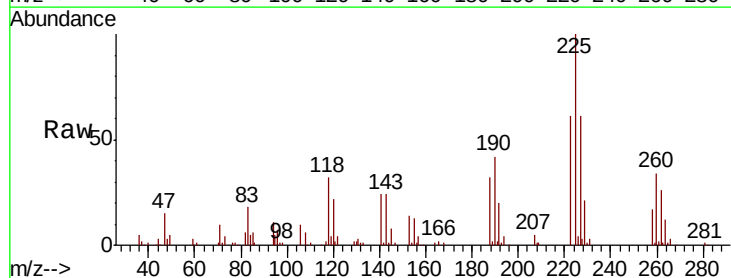
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBSD02

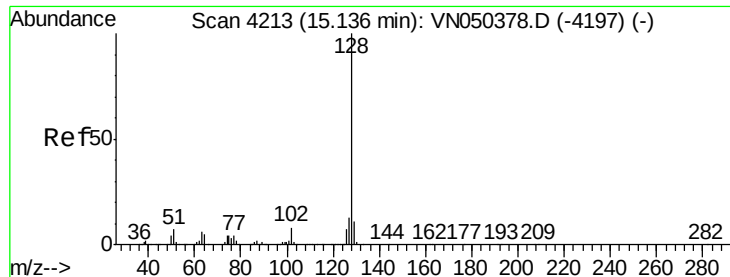
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	46.7	140.1
145	28.3	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 20.25 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN050535.D
 Acq: 10 Aug 2018 23:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.8	31.4	94.2
227	63.2	32.1	96.5





#95

Naphthalene

Concen: 16.22 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

Instrument :

MSVOA_N

ClientSampleId :

VN0810WBSD02

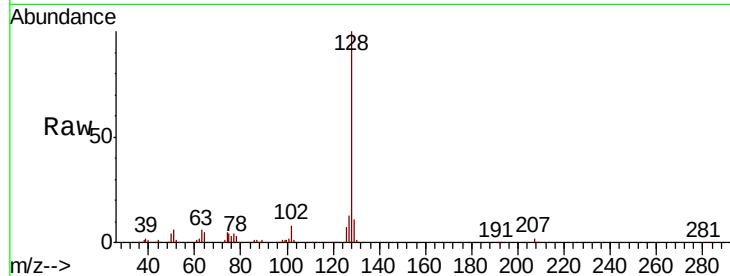
Tot Ion:128 Resp: 264931

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

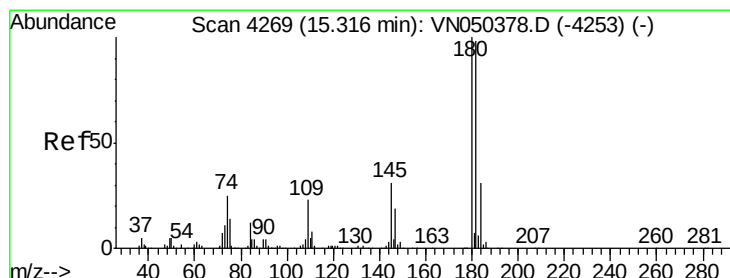
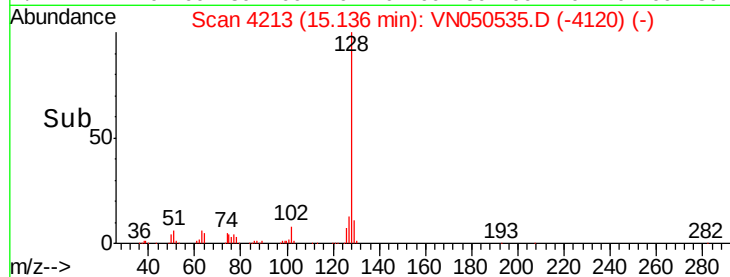
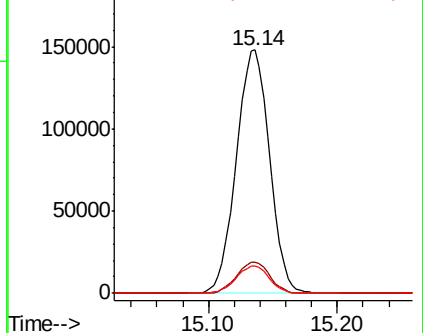
129 11.2 8.8 13.2



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: 17.34 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN050535.D

Acq: 10 Aug 2018 23:13

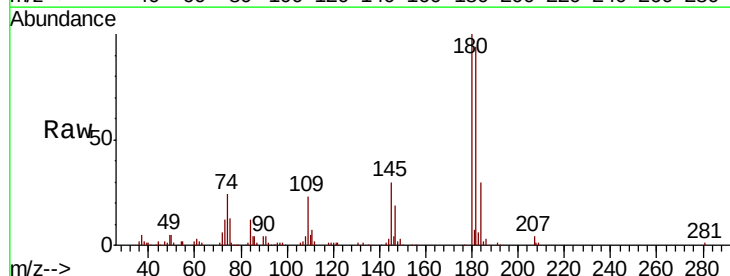
Tgt Ion:180 Resp: 129164

Ion Ratio Lower Upper

180 100

182 94.2 48.1 144.4

145 29.6 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

