

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081418\
 Data File : VN050619.D
 Acq On : 14 Aug 2018 23:00
 Operator : MD\SY
 Sample : VN0814WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS02

Quant Time: Aug 15 07:25:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	622470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	905202	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	826513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	411932	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	396634	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
35) Dibromofluoromethane	7.59	113	369406	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	10.09	98	1385385	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
62) 4-Bromofluorobenzene	12.40	95	438058	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	134986	19.236	ug/l	98
3) Chloromethane	2.06	50	175537	20.230	ug/l	99
4) Vinyl Chloride	2.18	62	180253	19.335	ug/l	99
5) Bromomethane	2.56	94	104680	19.623	ug/l	98
6) Chloroethane	2.70	64	109444	20.181	ug/l	98
7) Trichlorofluoromethane	3.01	101	233901	19.122	ug/l	97
8) Diethyl Ether	3.41	74	78925	19.397	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	145646	19.689	ug/l	99
10) Methyl Iodide	3.95	142	94204	22.375	ug/l #	94
11) Tert butyl alcohol	4.80	59	43132	100.674	ug/l	100
12) 1,1-Dichloroethene	3.74	96	129857	19.226	ug/l	99
13) Acrolein	3.62	56	13882	78.147	ug/l	96
14) Allyl chloride	4.32	41	200526	19.087	ug/l	99
15) Acrylonitrile	5.00	53	236109	100.343	ug/l	99
16) Acetone	3.82	43	208165	105.416	ug/l	97
17) Carbon Disulfide	4.05	76	406489	19.125	ug/l	99
18) Methyl Acetate	4.33	43	116646	20.581	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	345249	20.084	ug/l	98
20) Methylene Chloride	4.55	84	157890	20.419	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	144026	19.669	ug/l	98
22) Diisopropyl ether	5.96	45	444331	20.628	ug/l	96
23) Vinyl Acetate	5.90	43	1429201	101.429	ug/l	99
24) 1,1-Dichloroethane	5.85	63	270345	19.397	ug/l	99
25) 2-Butanone	6.84	43	317622	98.731	ug/l	99
26) 2,2-Dichloropropane	6.83	77	187816	20.132	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	158152	19.396	ug/l	98
28) Bromochloromethane	7.20	49	123081	19.404	ug/l	100
29) Tetrahydrofuran	7.22	42	173713	103.416	ug/l	99
30) Chloroform	7.37	83	271003	19.187	ug/l	100
31) Cyclohexane	7.66	56	234280	19.487	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	229333	19.290	ug/l	99
36) 1,1-Dichloropropene	7.80	75	203402	20.186	ug/l	99
37) Ethyl Acetate	6.93	43	122741	21.549	ug/l	99
38) Carbon Tetrachloride	7.78	117	208132	19.911	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	210536	20.181	ug/l	96
40) Benzene	8.04	78	629806	20.545	ug/l	99
41) Methacrylonitrile	7.18	41	55404	17.992	ug/l #	90
42) 1,2-Dichloroethane	8.13	62	192538	20.493	ug/l	99
43) Isopropyl Acetate	8.17	43	205682	19.815	ug/l	99
44) Trichloroethene	8.84	130	164240	20.002	ug/l	99
45) 1,2-Dichloropropane	9.12	63	164508	20.158	ug/l	98
46) Dibromomethane	9.21	93	97674	20.269	ug/l	97
47) Bromodichloromethane	9.40	83	205511	19.953	ug/l	99
48) Methyl methacrylate	9.20	41	104605	20.027	ug/l	99
49) 1,4-Dioxane	9.20	88	28759	417.959	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	749115	106.708	ug/l	99
52) Toluene	10.16	92	382762	20.913	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	190511	19.858	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	227184	20.642	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	138999	20.328	ug/l	97
56) Ethyl methacrylate	10.43	69	157618	19.286	ug/l	99
57) 1,3-Dichloropropane	10.71	76	228771	20.408	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	371842	95.705	ug/l	99
59) 2-Hexanone	10.75	43	472564	104.296	ug/l	99
60) Dibromochloromethane	10.90	129	152361	20.190	ug/l	99
61) 1,2-Dibromoethane	11.01	107	134034	20.583	ug/l	99
64) Tetrachloroethene	10.63	164	155271	20.229	ug/l	99
65) Chlorobenzene	11.44	112	410555	19.959	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	153740	19.938	ug/l	99
67) Ethyl Benzene	11.51	91	677588	20.401	ug/l	100
68) m/p-Xylenes	11.62	106	532026	41.881	ug/l	100
69) o-Xylene	11.95	106	249256	20.578	ug/l	99
70) Styrene	11.96	104	407483	19.501	ug/l	99
71) Bromoform	12.13	173	104280	20.395	ug/l #	99
73) Isopropylbenzene	12.25	105	666632	20.713	ug/l	100
74) N-amyl acetate	12.07	43	168474	20.120	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	169682	21.378	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	190945	28.243	ug/l #	100
77) Bromobenzene	12.53	156	172000	19.684	ug/l	99
78) n-propylbenzene	12.59	91	749203	20.876	ug/l	99
79) 2-Chlorotoluene	12.67	91	457834	20.462	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	550981	21.382	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	37081	20.013	ug/l	97
82) 4-Chlorotoluene	12.77	91	460304	20.818	ug/l	100
83) tert-Butylbenzene	12.99	119	452013	20.208	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	555625	21.483	ug/l	99
85) sec-Butylbenzene	13.17	105	607325	20.776	ug/l	99
86) p-Isopropyltoluene	13.29	119	523210	21.124	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	297625	20.008	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	288605	19.548	ug/l	99
89) n-Butylbenzene	13.62	91	393853	19.691	ug/l	97
90) Hexachloroethane	13.88	117	96165	19.308	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	292058	20.124	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23228	20.228	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
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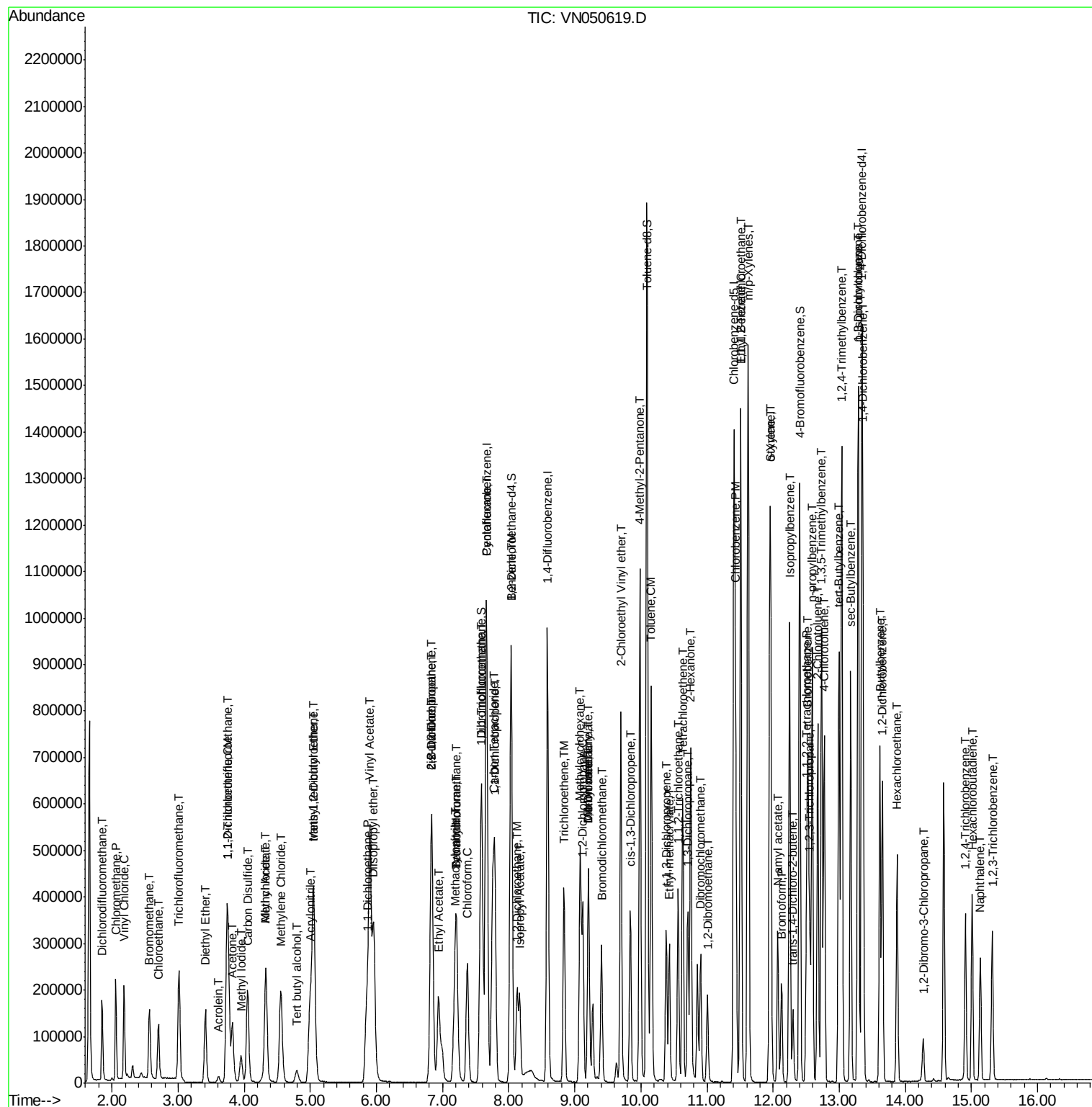
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	124107	18.446	ug/l	98
94) Hexachlorobutadiene	15.01	225	86196	19.372	ug/l	100
95) Naphthalene	15.13	128	232579	17.406	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	119812	18.493	ug/l	97

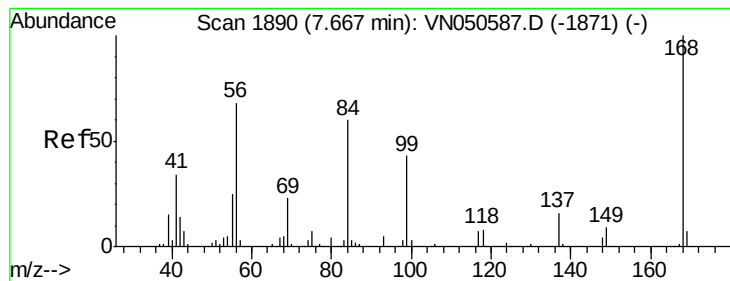
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050619.D

Acq: 14 Aug 2018 23:00

Instrument :

MSVOA_N

ClientSampleId :

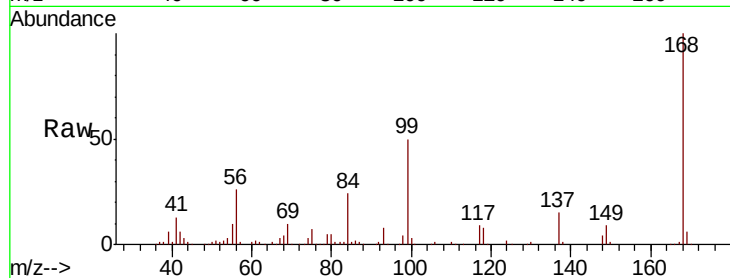
VN0814WBS02

Tgt Ion:168 Resp: 622470

Ion Ratio Lower Upper

168 100

99 50.3 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

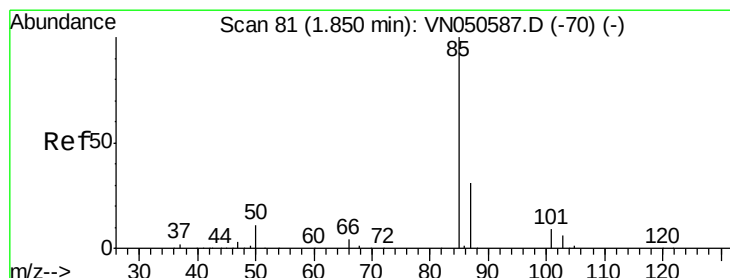
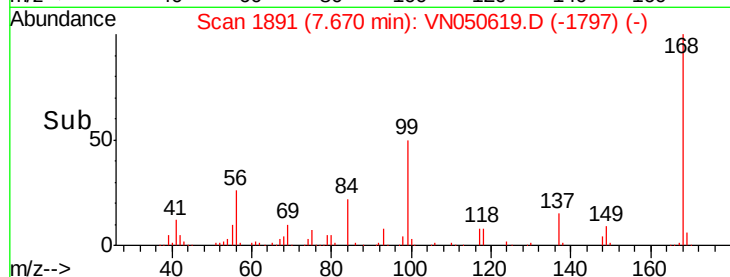
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.236 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN050619.D

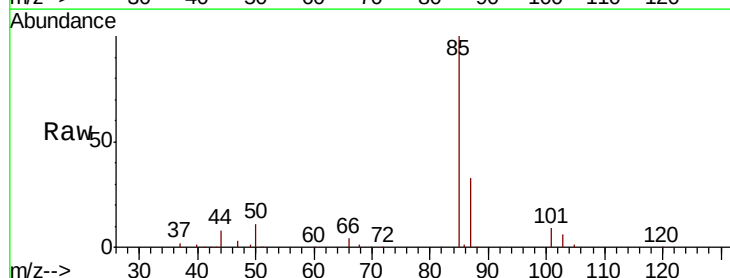
Acq: 14 Aug 2018 23:00

Tgt Ion: 85 Resp: 134986

Ion Ratio Lower Upper

85 100

87 32.6 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

100000

80000

60000

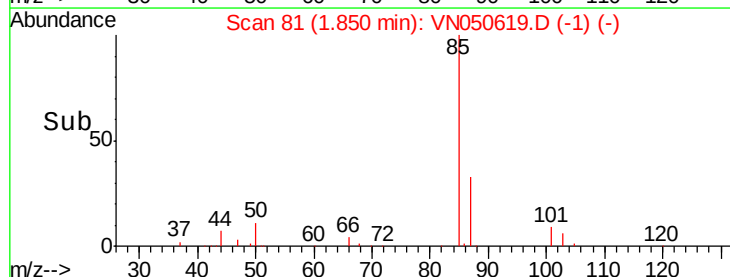
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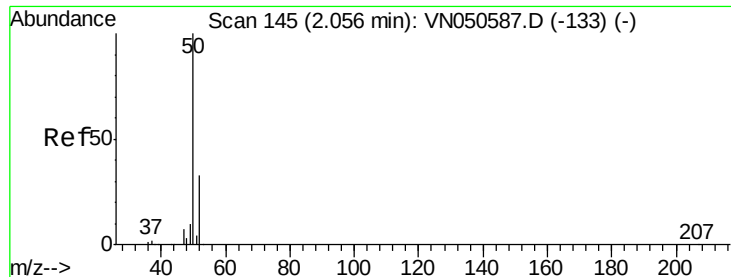
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 20.230 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050619.D

Acq: 14 Aug 2018 23:00

Instrument :

MSVOA_N

ClientSampled :

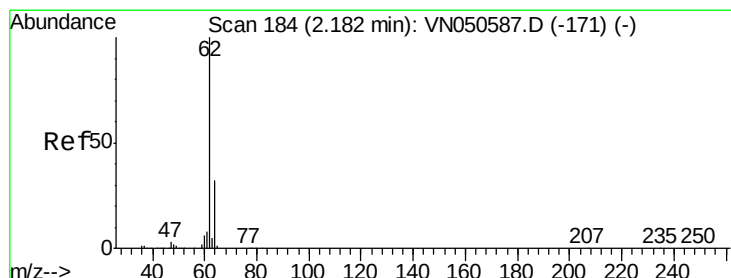
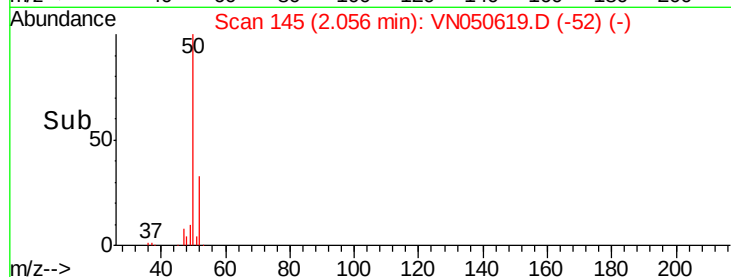
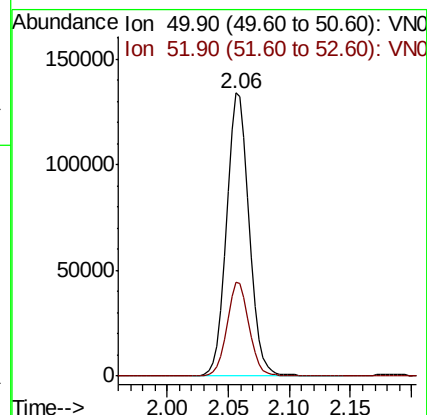
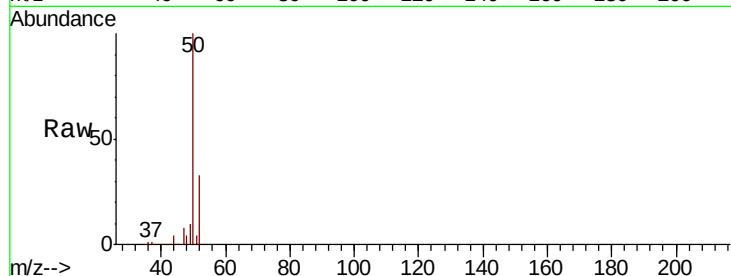
VN0814WBS02

Tgt Ion: 50 Resp: 175537

Ion Ratio Lower Upper

50 100

52 33.0 26.0 39.0



#4

Vinyl Chloride

Concen: 19.335 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN050619.D

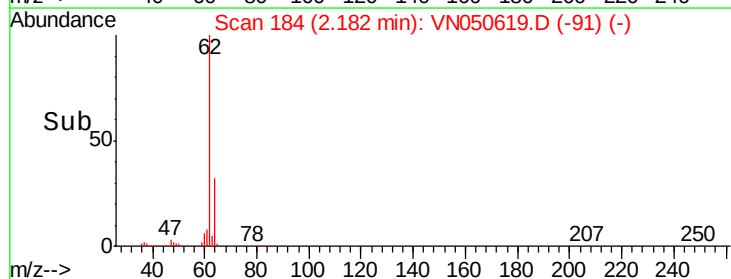
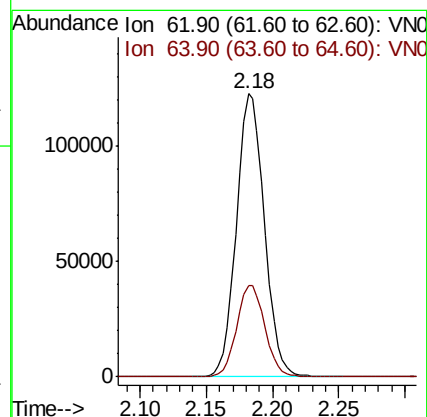
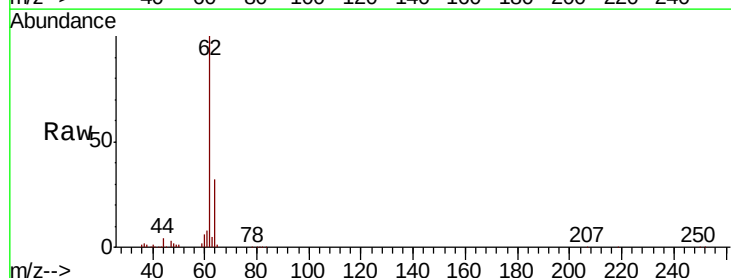
Acq: 14 Aug 2018 23:00

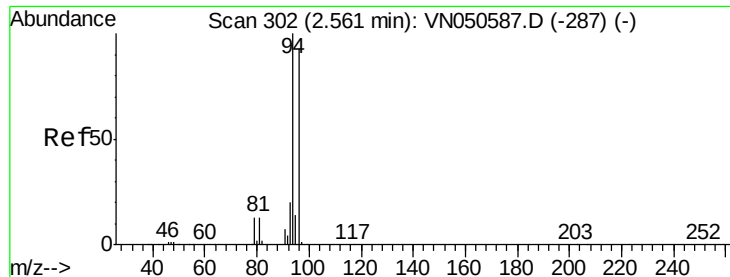
Tgt Ion: 62 Resp: 180253

Ion Ratio Lower Upper

62 100

64 32.3 25.2 37.8





#5

Bromomethane

Concen: 19.623 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN050619.D

Acq: 14 Aug 2018 23:00

Instrument :

MSVOA_N

ClientSampleId :

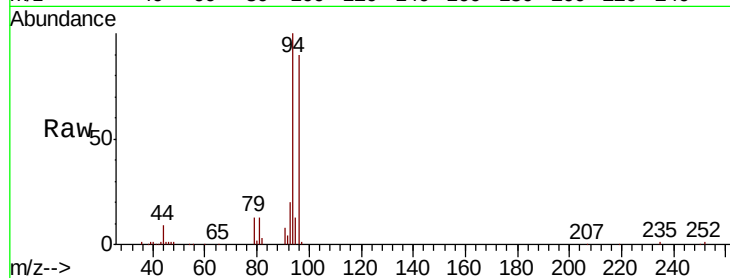
VN0814WBS02

Tgt Ion: 94 Resp: 104680

Ion Ratio Lower Upper

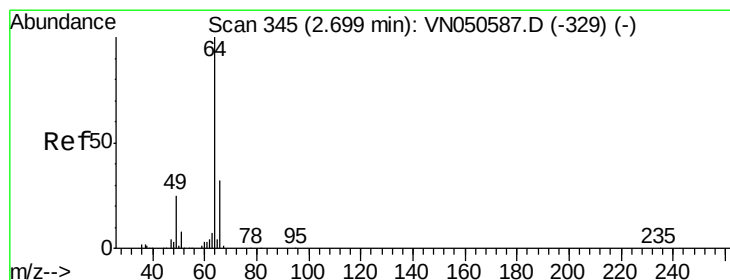
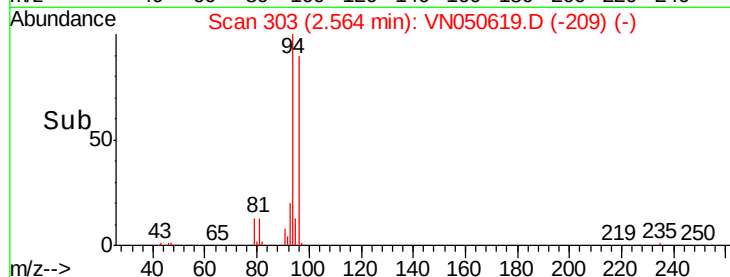
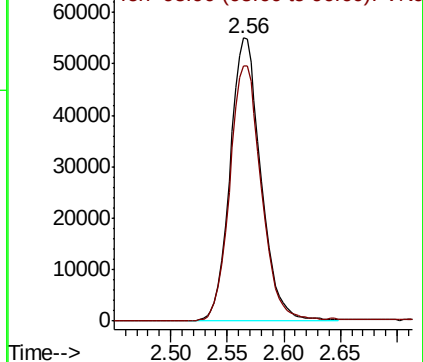
94 100

96 90.2 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.181 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN050619.D

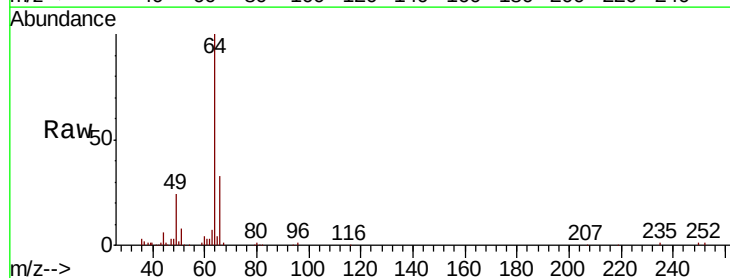
Acq: 14 Aug 2018 23:00

Tgt Ion: 64 Resp: 109444

Ion Ratio Lower Upper

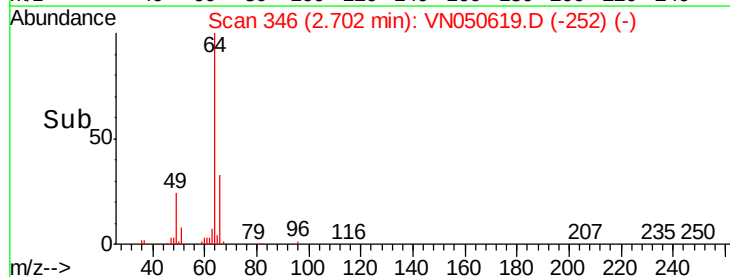
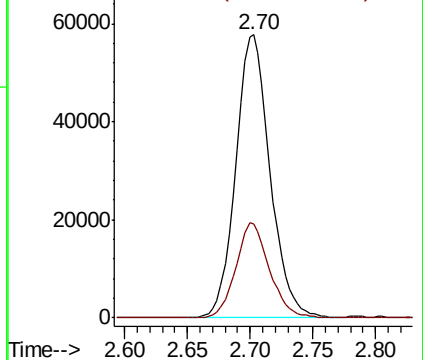
64 100

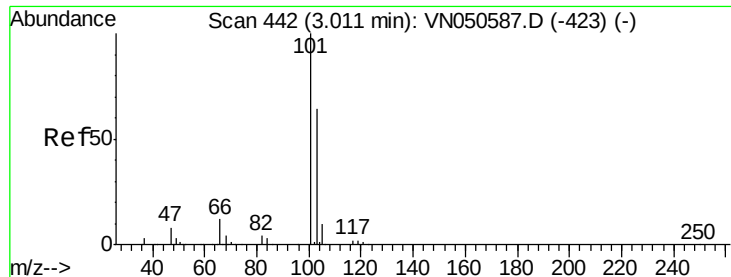
66 33.4 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



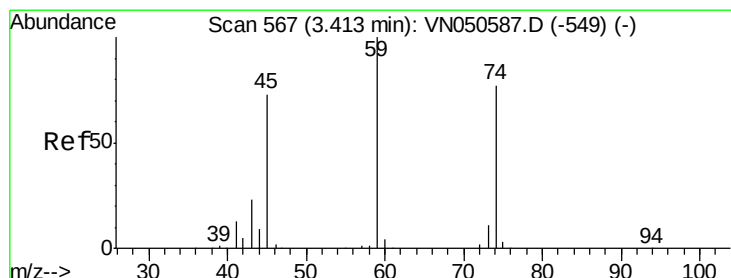
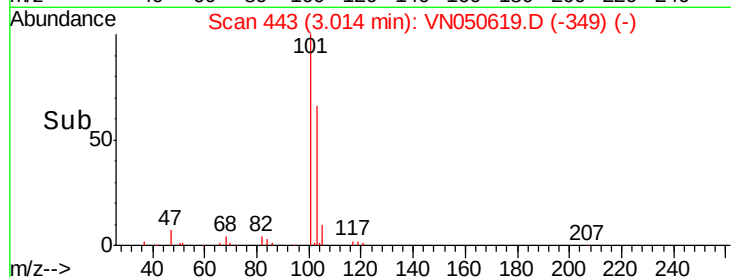
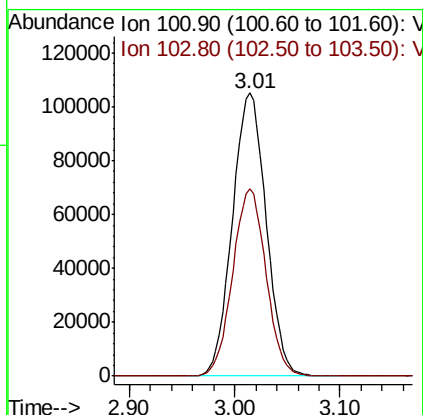
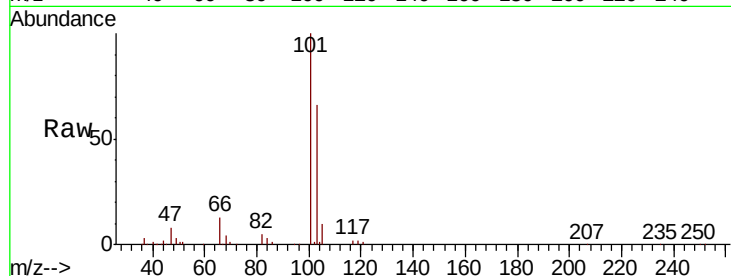


#7

Trichlorofluoromethane
 Concen: 19.122 ug/l
 RT: 3.01 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS02

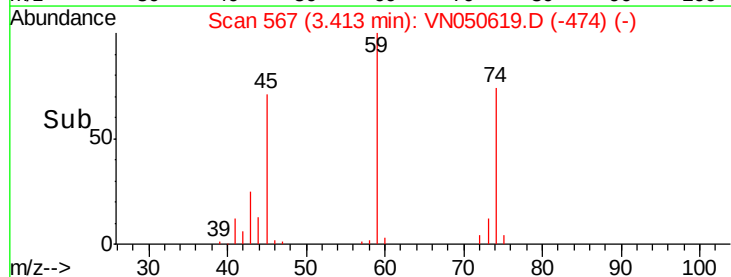
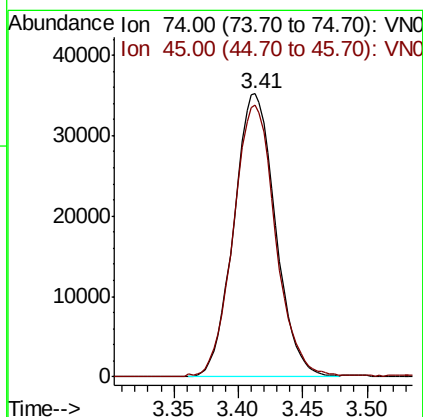
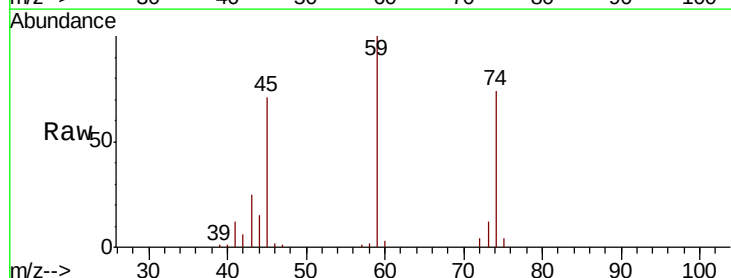
Tgt Ion:101 Resp: 233901
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.4 77.0

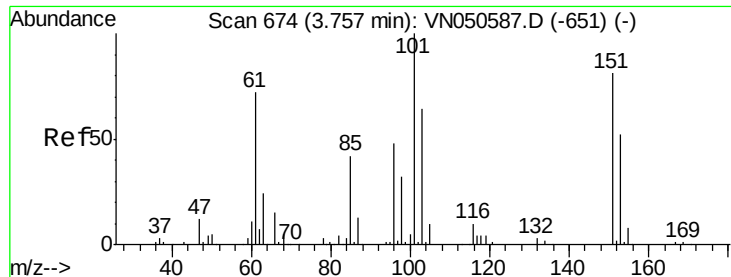


#8

Diethyl Ether
 Concen: 19.397 ug/l
 RT: 3.41 min Scan# 567
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion: 74 Resp: 78925
 Ion Ratio Lower Upper
 74 100
 45 98.0 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.689 ug/l

RT: 3.76 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN050619.D

Acq: 14 Aug 2018 23:00

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBS02

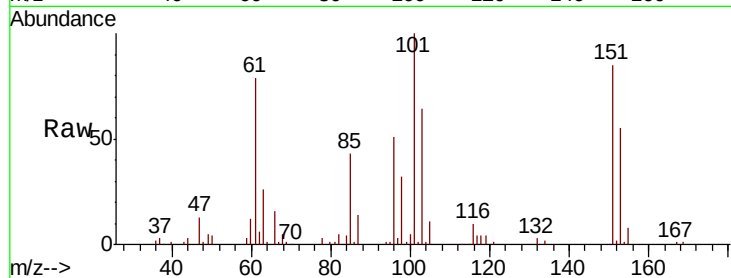
Tgt Ion:101 Resp: 145646

Ion Ratio Lower Upper

101 100

85 43.3 33.4 50.0

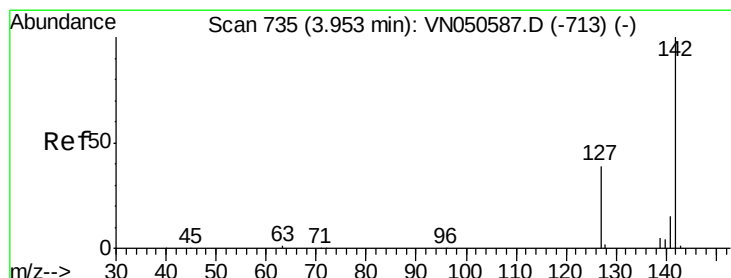
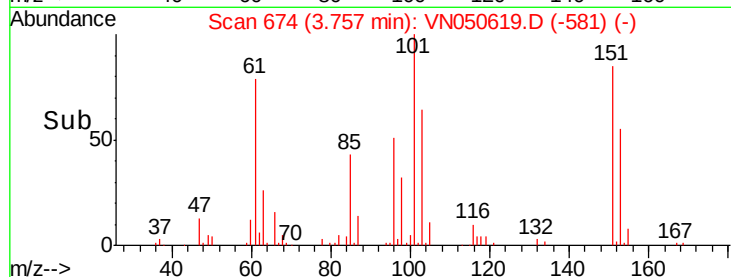
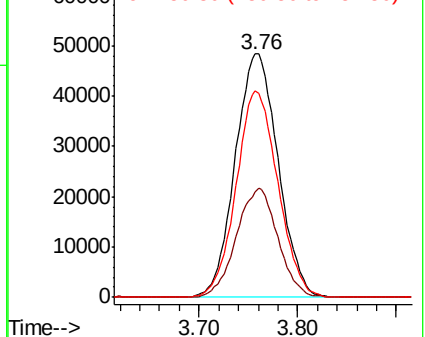
151 82.6 66.6 100.0



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: 22.375 ug/l

RT: 3.95 min Scan# 735

Delta R.T. 0.00 min

Lab File: VN050619.D

Acq: 14 Aug 2018 23:00

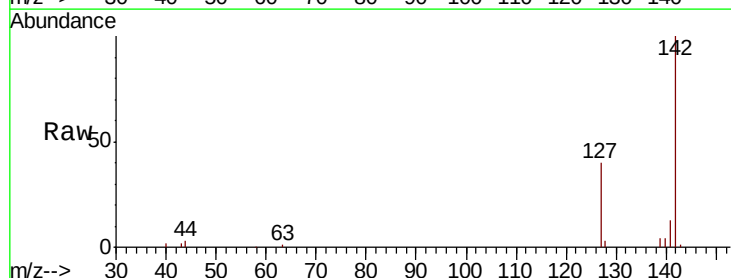
Tgt Ion:142 Resp: 94204

Ion Ratio Lower Upper

142 100

127 40.3 32.6 49.0

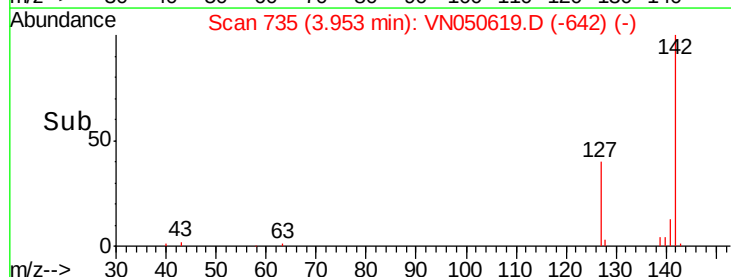
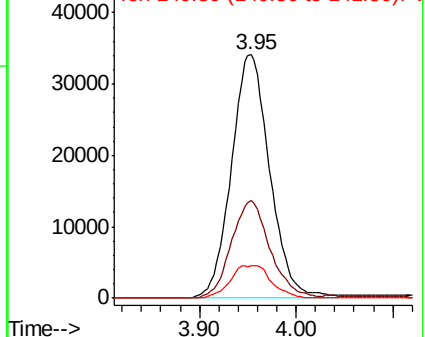
141 6.6 11.5 17.3#

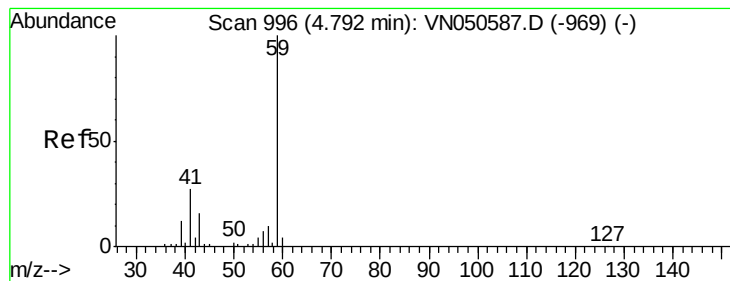


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



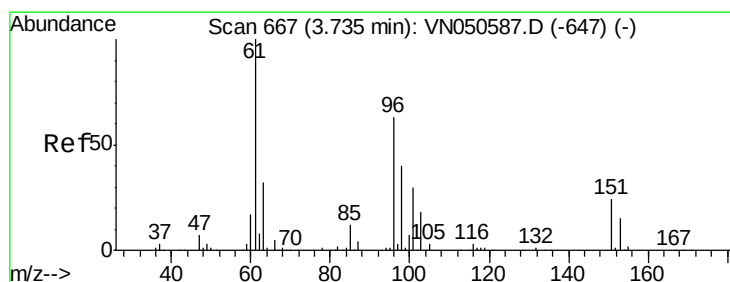
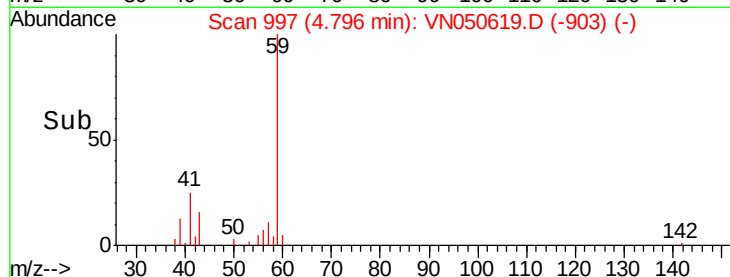
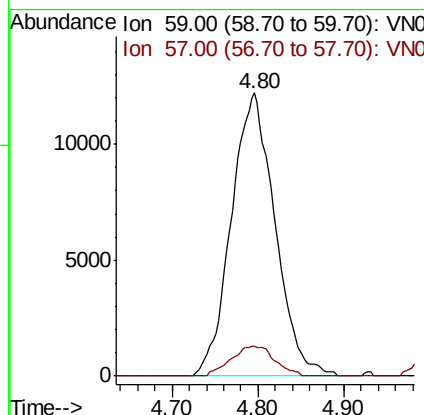
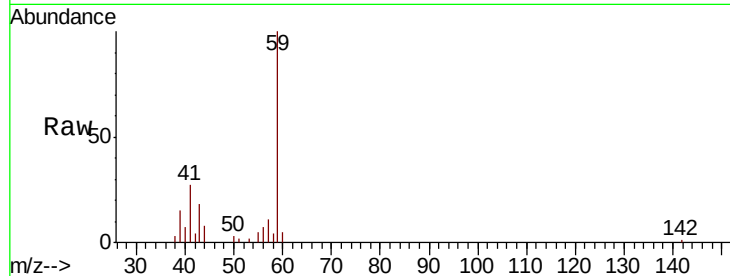


#11

Tert butyl alcohol
 Concen: 100.674 ug/l
 RT: 4.80 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

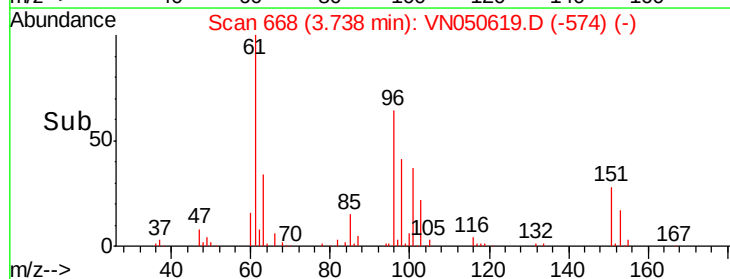
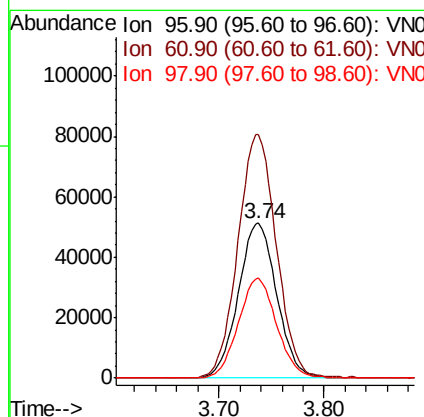
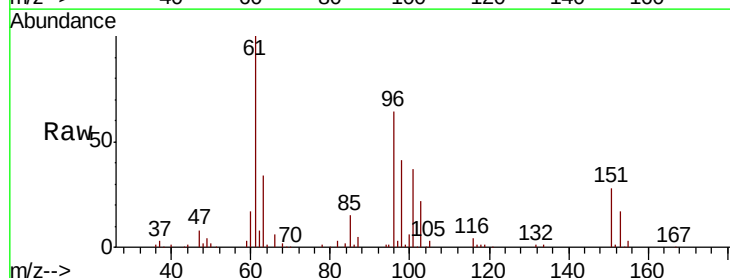
Tgt Ion: 59 Resp: 43132
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.4 12.6

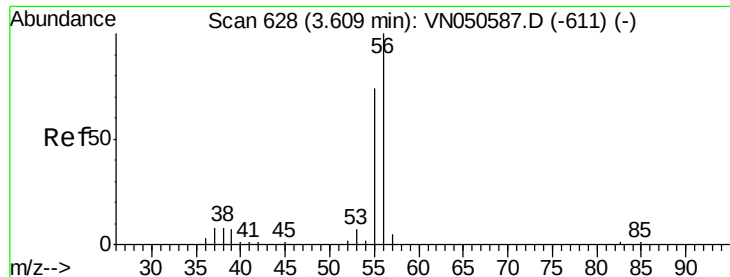


#12

1,1-Dichloroethene
 Concen: 19.226 ug/l
 RT: 3.74 min Scan# 668
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion: 96 Resp: 129857
 Ion Ratio Lower Upper
 96 100
 61 157.0 126.9 190.3
 98 64.4 51.1 76.7





#13

Acrolein

Concen: 78.147 ug/l

RT: 3.62 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN050619.D

Acq: 14 Aug 2018 23:00

Instrument :

MSVOA_N

ClientSampleId :

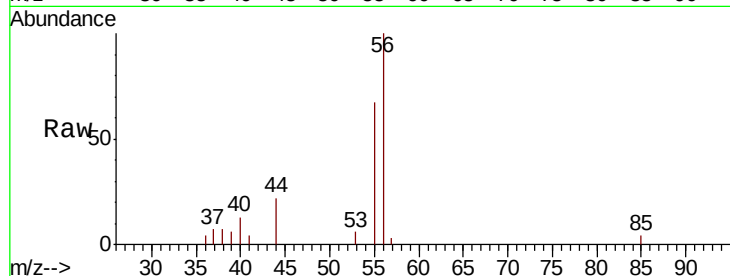
VN0814WBS02

Tgt Ion: 56 Resp: 13882

Ion Ratio Lower Upper

56 100

55 73.6 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.62

6000

5000

4000

3000

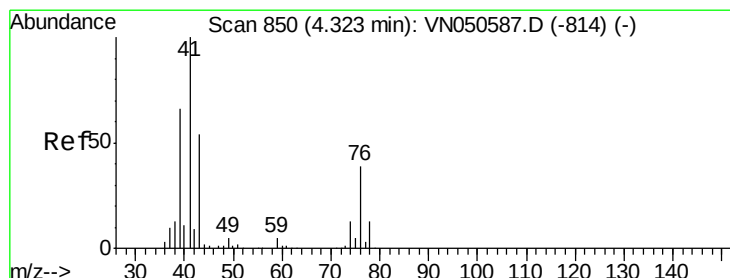
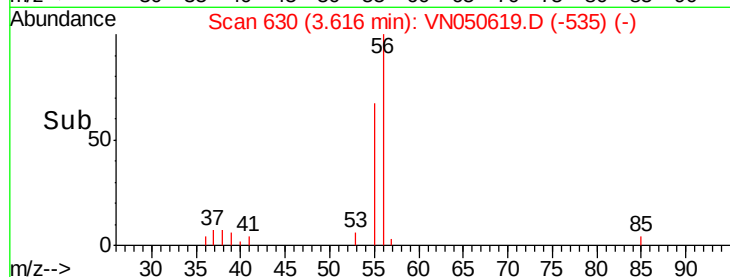
2000

1000

0

Time-->

3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 19.087 ug/l

RT: 4.32 min Scan# 850

Delta R.T. -0.00 min

Lab File: VN050619.D

Acq: 14 Aug 2018 23:00

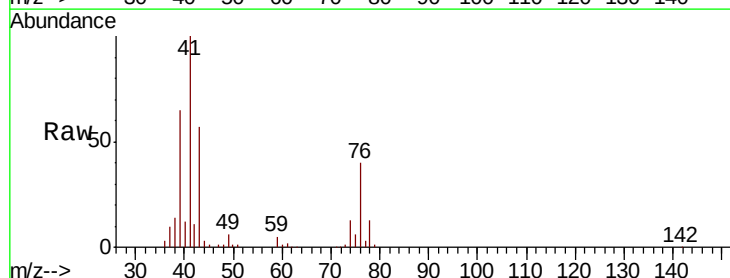
Tgt Ion: 41 Resp: 200526

Ion Ratio Lower Upper

41 100

39 64.2 51.4 77.0

76 37.7 29.4 44.0



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

80000

60000

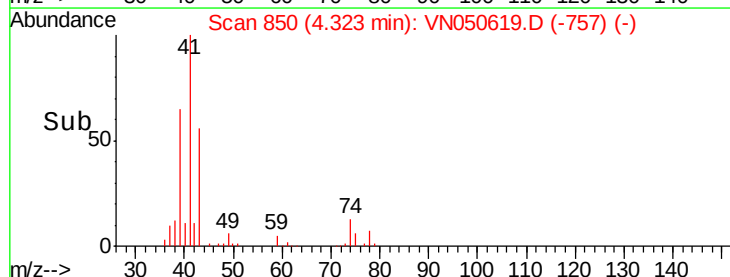
40000

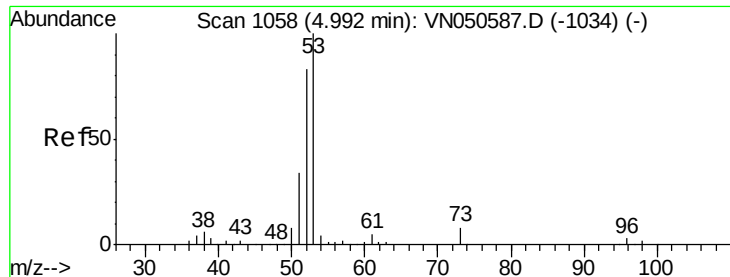
20000

0

Time-->

4.20 4.30 4.40





#15

Acrylonitrile

Concen: 100.343 ug/l

RT: 5.00 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN050619.D

Acq: 14 Aug 2018 23:00

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBS02

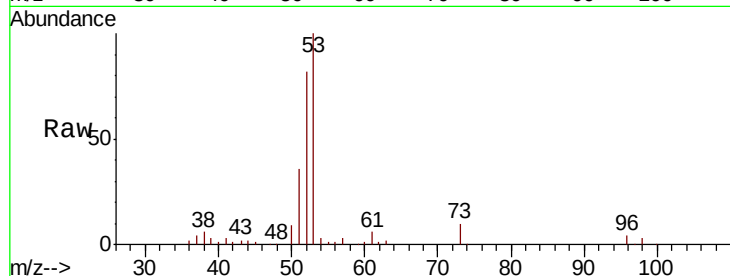
Tgt Ion: 53 Resp: 236109

Ion Ratio Lower Upper

53 100

52 81.8 66.2 99.2

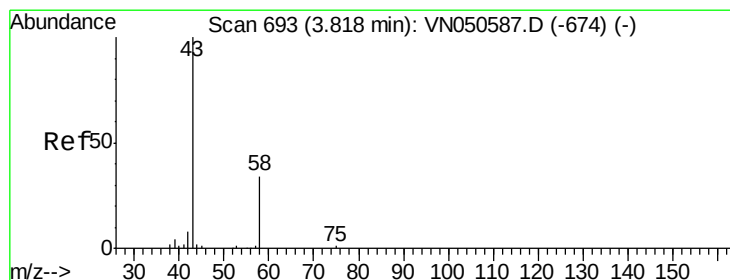
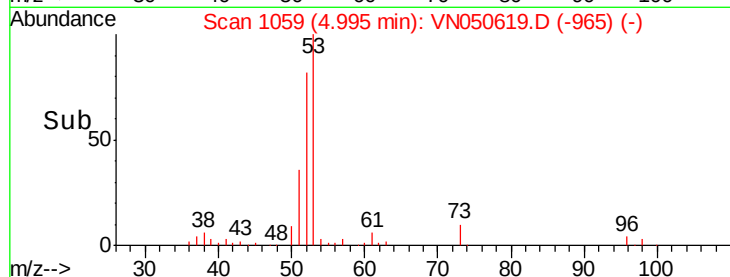
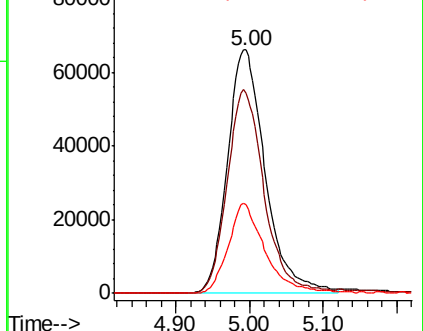
51 35.9 28.6 43.0



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: 105.416 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050619.D

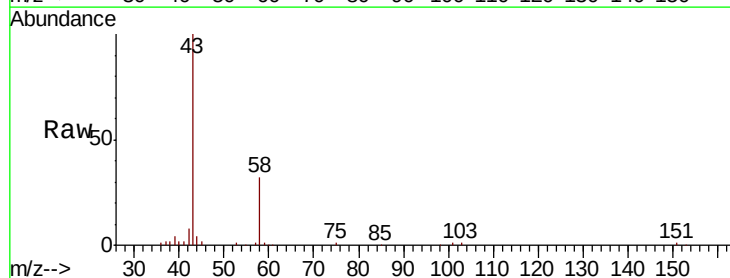
Acq: 14 Aug 2018 23:00

Tgt Ion: 43 Resp: 208165

Ion Ratio Lower Upper

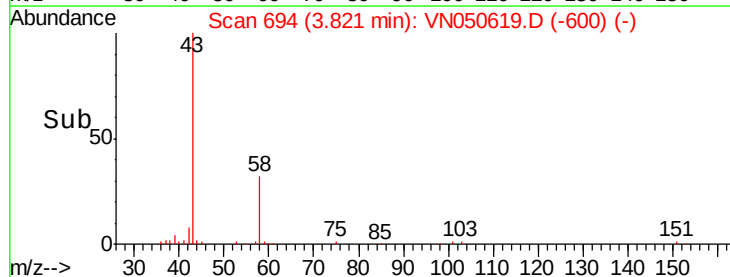
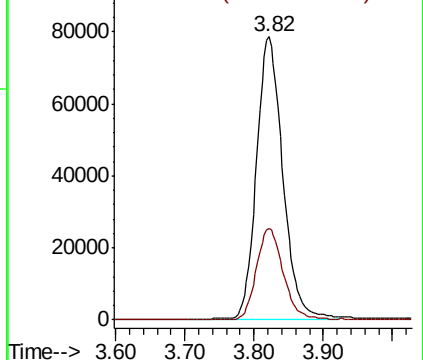
43 100

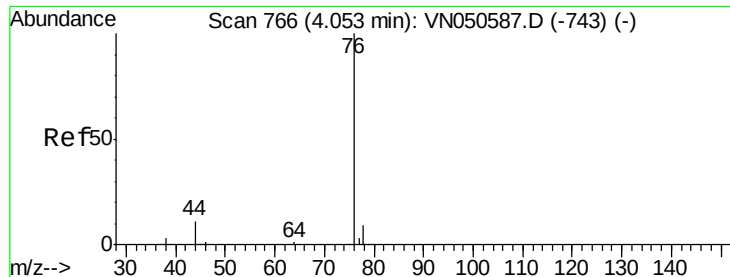
58 32.4 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

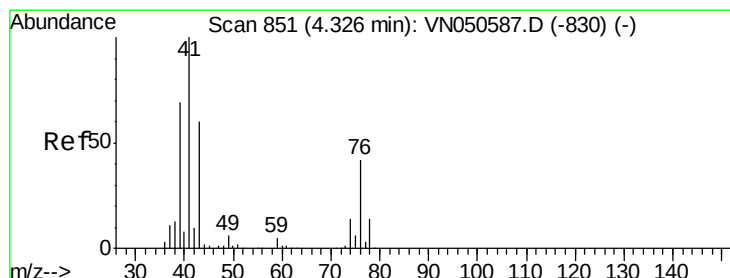
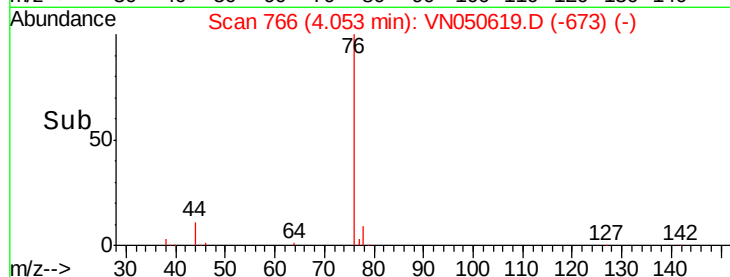
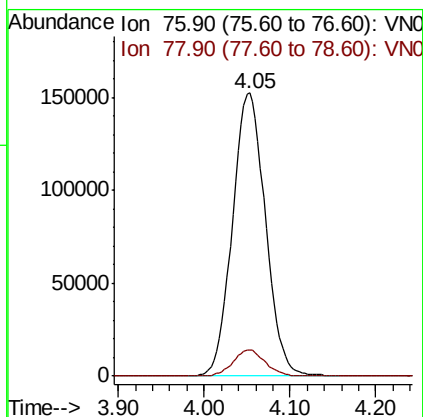
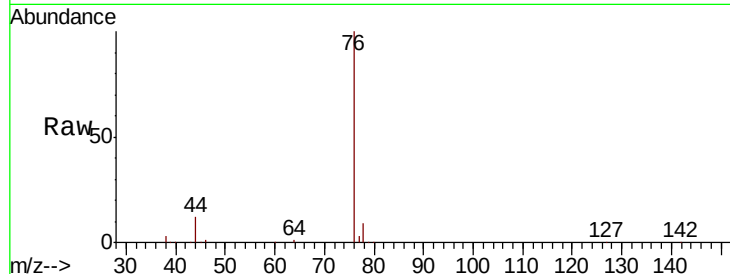




#17
Carbon Disulfide
Concen: 19.125 ug/l
RT: 4.05 min Scan# 766
Delta R.T. -0.00 min
Lab File: VN050619.D
Acq: 14 Aug 2018 23:00

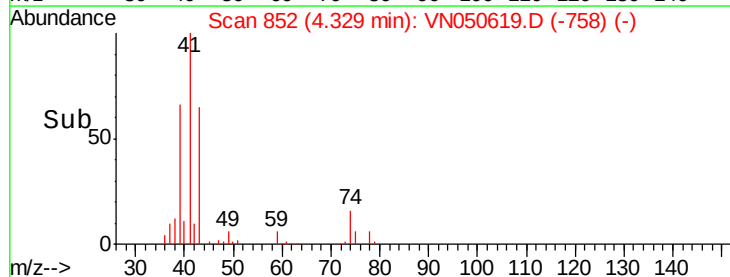
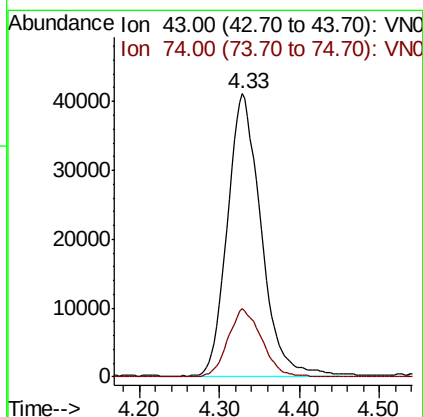
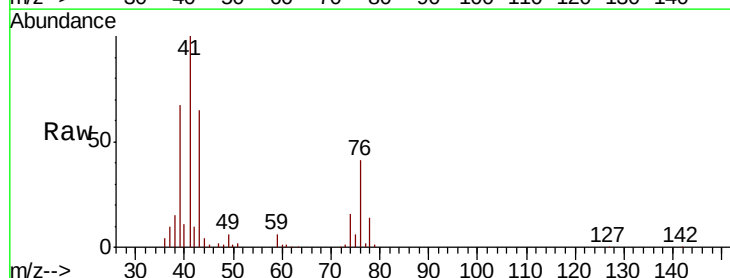
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBS02

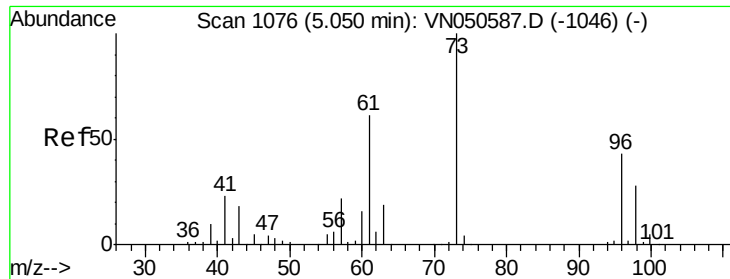
Tgt Ion: 76 Resp: 406489
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 20.581 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050619.D
Acq: 14 Aug 2018 23:00

Tgt Ion: 43 Resp: 116646
Ion Ratio Lower Upper
43 100
74 24.0 19.7 29.5

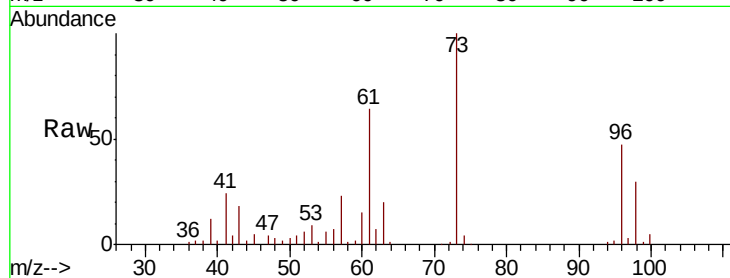




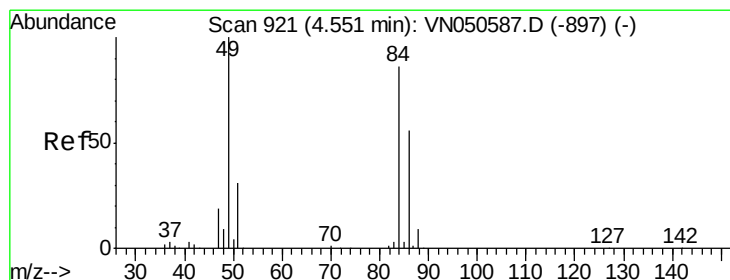
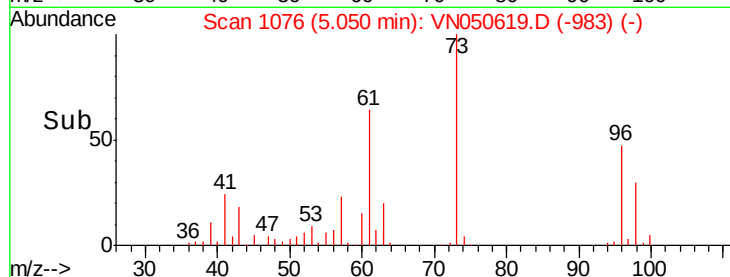
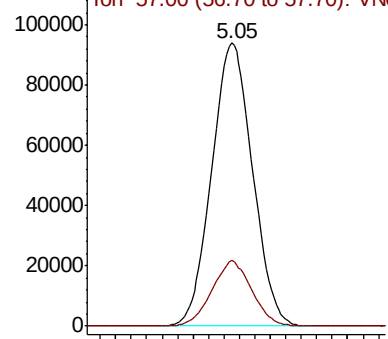
#19
Methyl tert-butyl Ether
Concen: 20.084 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VN050619.D
Acq: 14 Aug 2018 23:00

Instrument :
MSVOA_N
ClientSampleId :
VN0814WBS02

Tgt Ion: 73 Resp: 345249
Ion Ratio Lower Upper
73 100
57 23.2 17.9 26.9

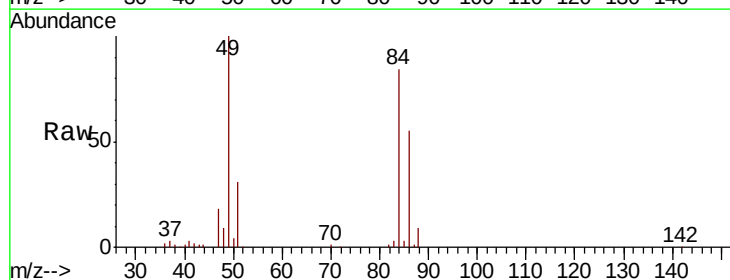


Abundance Ion 73.00 (72.70 to 73.70): VN0
Ion 57.00 (56.70 to 57.70): VN0

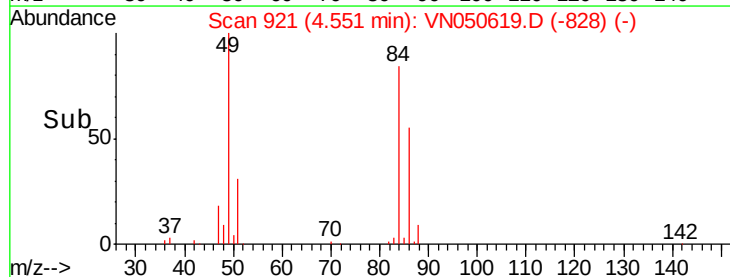
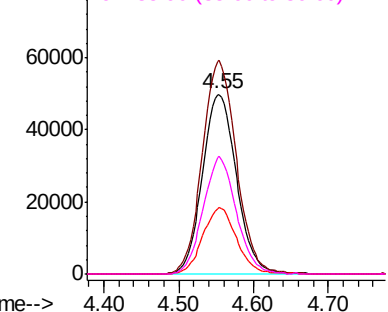


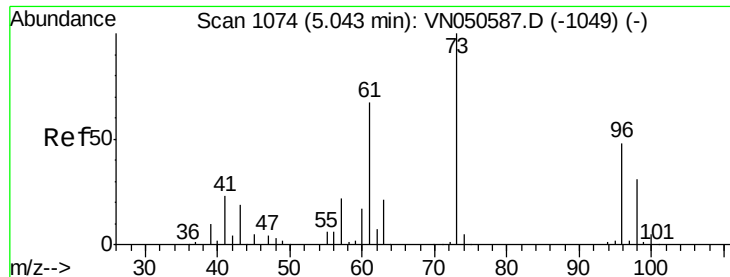
#20
Methylene Chloride
Concen: 20.419 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050619.D
Acq: 14 Aug 2018 23:00

Tgt Ion: 84 Resp: 157890
Ion Ratio Lower Upper
84 100
49 118.5 92.6 138.8
51 36.2 28.6 43.0
86 64.7 52.2 78.2



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: 19.669 ug/l

RT: 5.05 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VN050619.D

Acq: 14 Aug 2018 23:00

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBS02

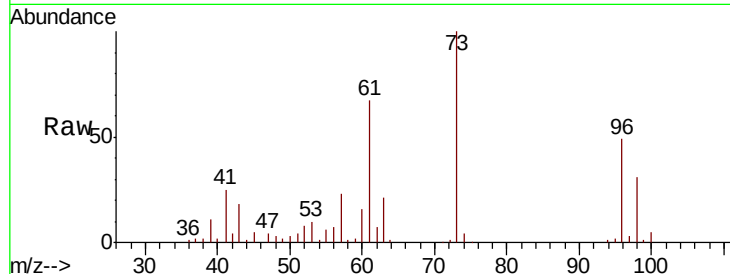
Tgt Ion: 96 Resp: 144026

Ion Ratio Lower Upper

96 100

61 135.4 111.2 166.8

98 63.9 51.6 77.4

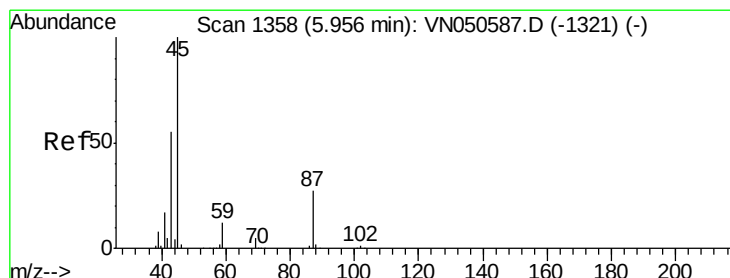
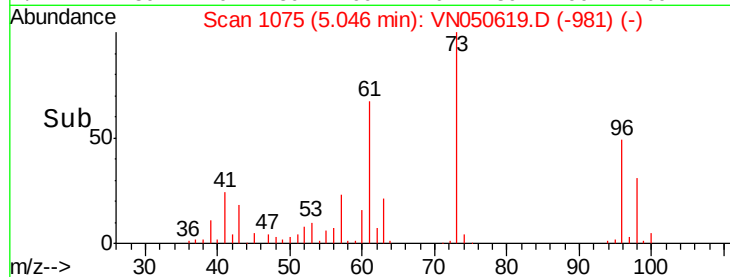
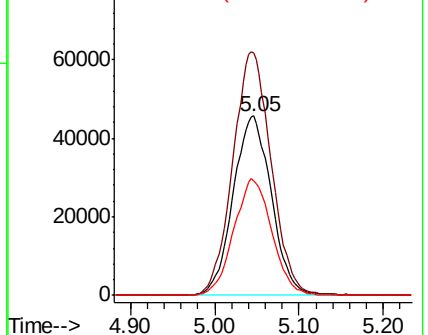


Abundance

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: 20.628 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VN050619.D

Acq: 14 Aug 2018 23:00

Tgt Ion: 45 Resp: 444331

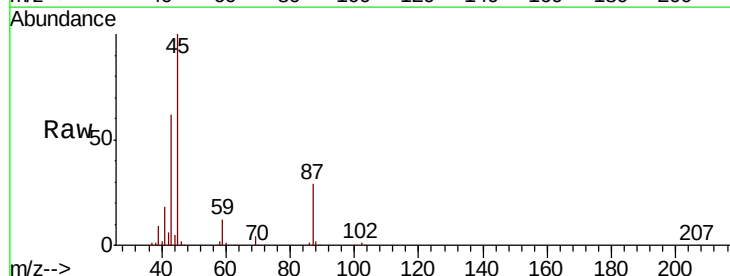
Ion Ratio Lower Upper

45 100

43 59.9 44.5 66.7

87 28.5 22.2 33.2

59 11.8 9.5 14.3



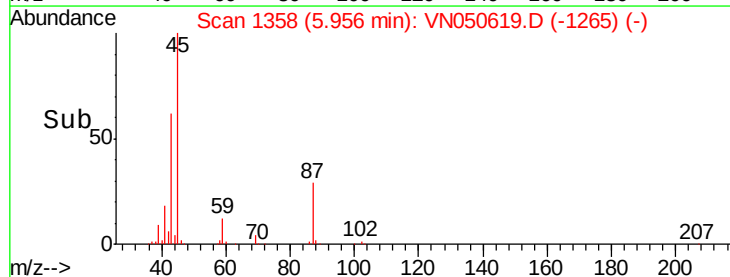
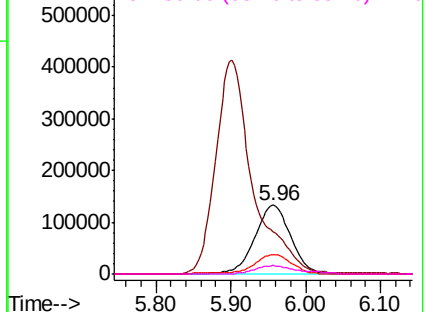
Abundance

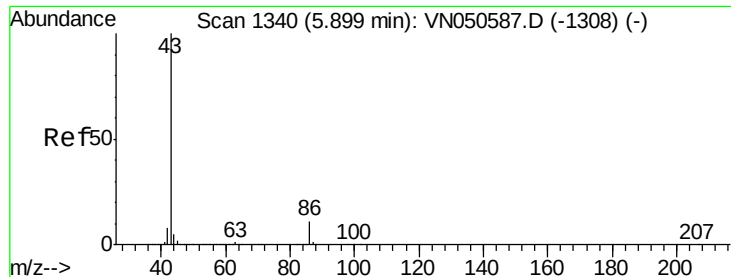
Ion 45.00 (44.70 to 45.70): VN0

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: 101.429 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN050619.D

Acq: 14 Aug 2018 23:00

Instrument :

MSVOA_N

ClientSampleId :

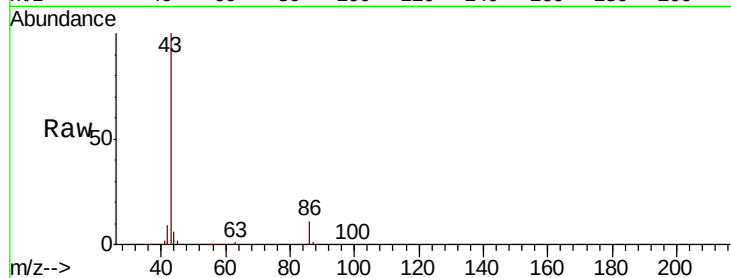
VN0814WBS02

Tgt Ion: 43 Resp: 1429201

Ion Ratio Lower Upper

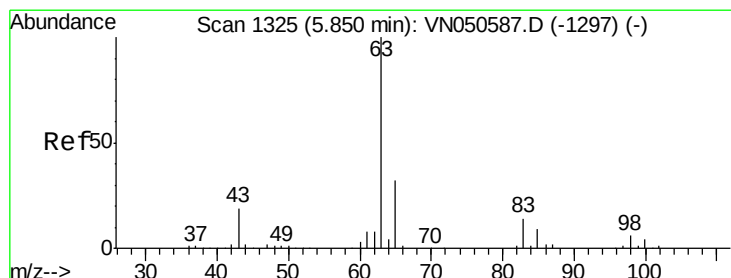
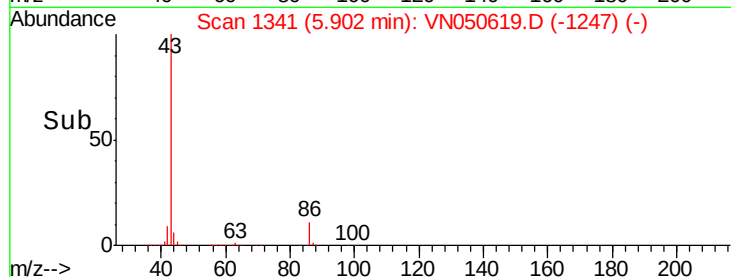
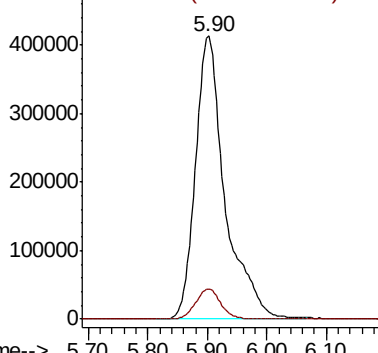
43 100

86 10.7 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.397 ug/l

RT: 5.85 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VN050619.D

Acq: 14 Aug 2018 23:00

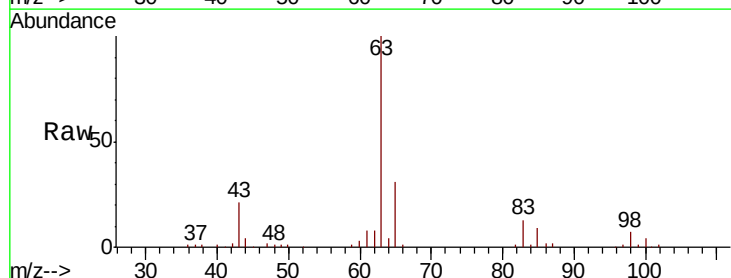
Tgt Ion: 63 Resp: 270345

Ion Ratio Lower Upper

63 100

98 6.8 3.2 9.6

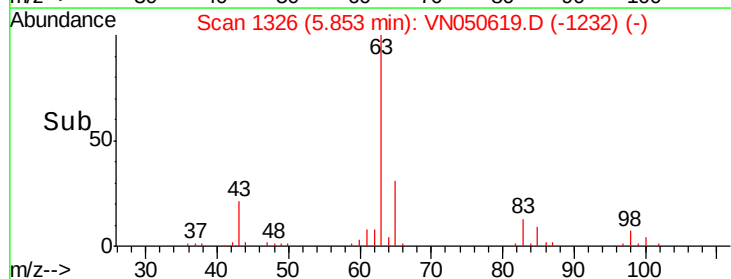
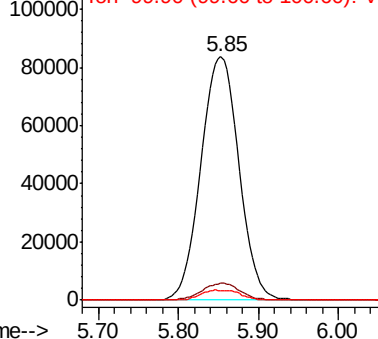
100 4.0 2.1 6.5

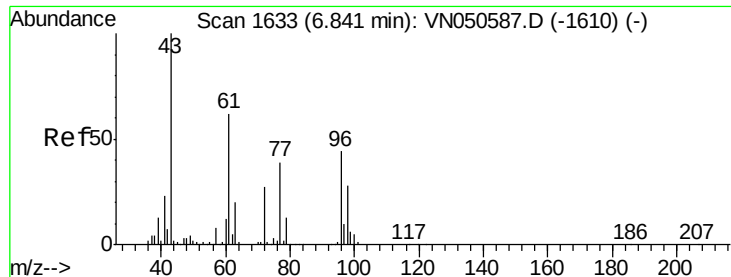


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

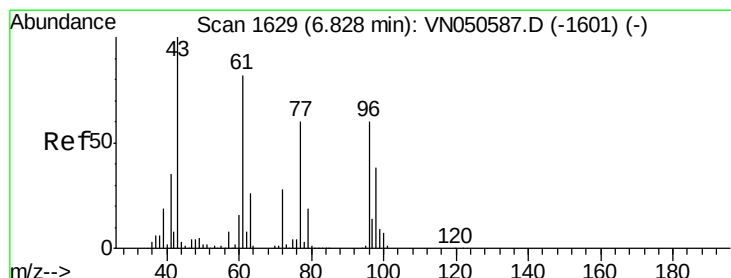
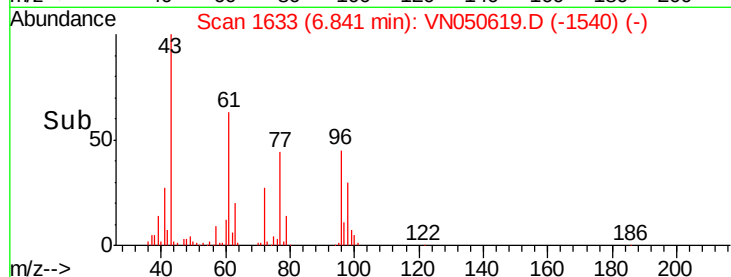
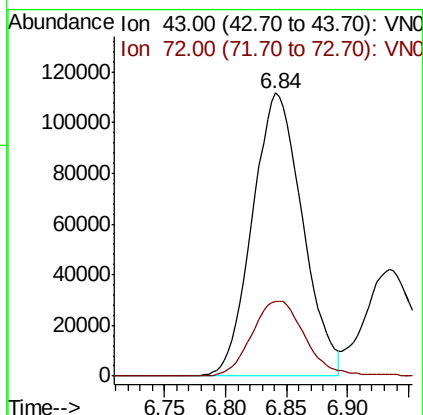
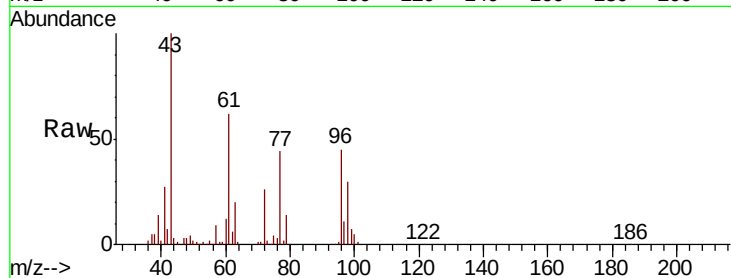




#25
2-Butanone
Concen: 98.731 ug/l
RT: 6.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VN050619.D
Acq: 14 Aug 2018 23:00

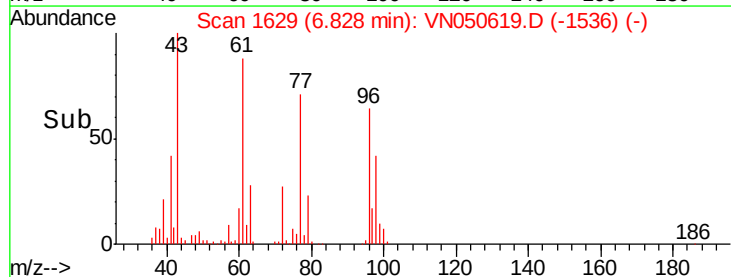
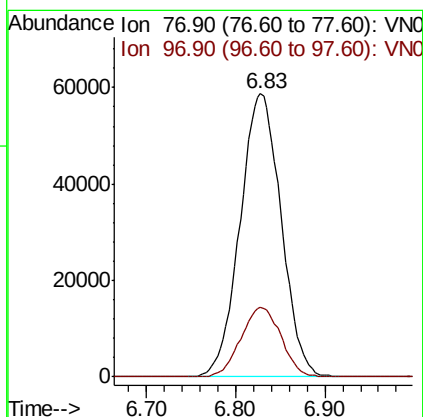
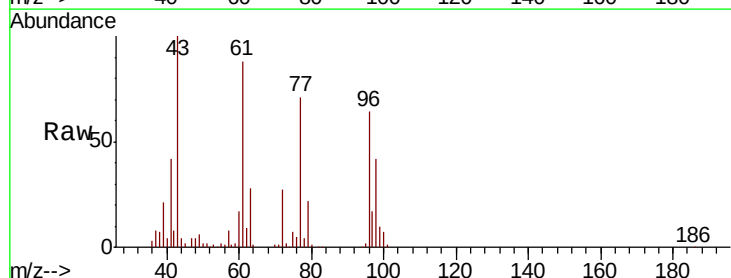
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBS02

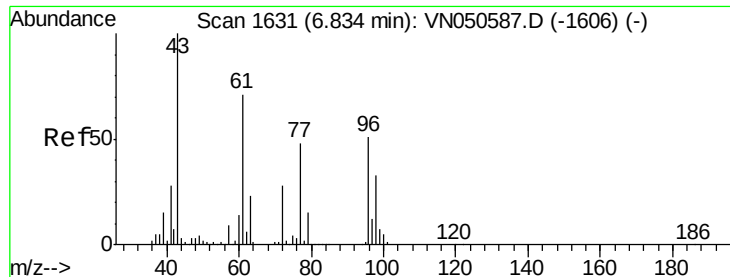
Tgt Ion: 43 Resp: 317622
Ion Ratio Lower Upper
43 100
72 26.5 21.8 32.6



#26
2,2-Dichloropropane
Concen: 20.132 ug/l
RT: 6.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VN050619.D
Acq: 14 Aug 2018 23:00

Tgt Ion: 77 Resp: 187816
Ion Ratio Lower Upper
77 100
97 24.0 12.2 36.4

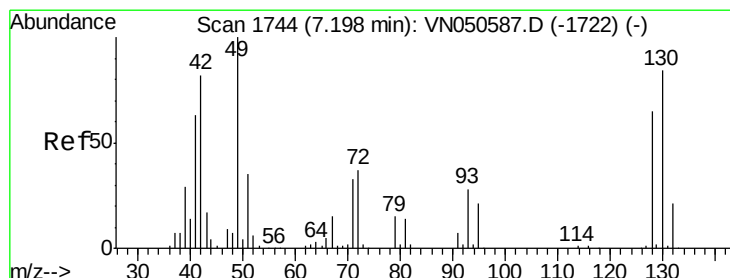
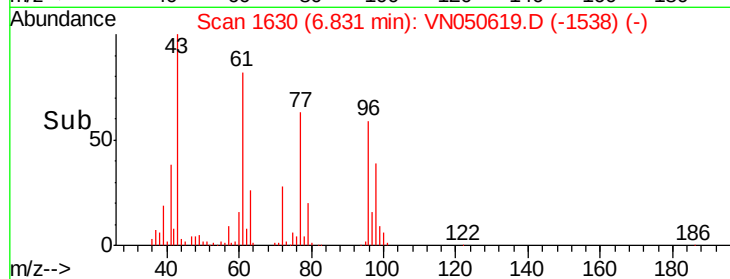
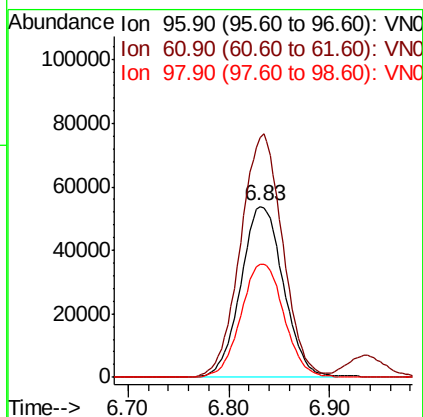
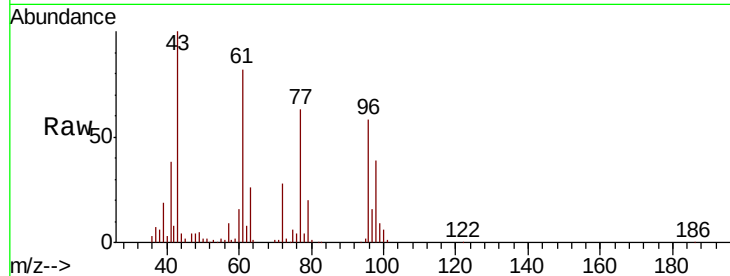




#27
 cis-1,2-Dichloroethene
 Concen: 19.396 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

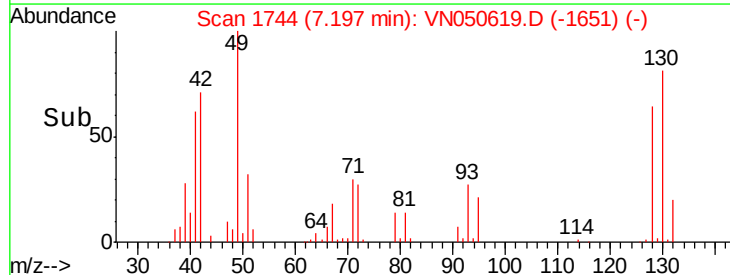
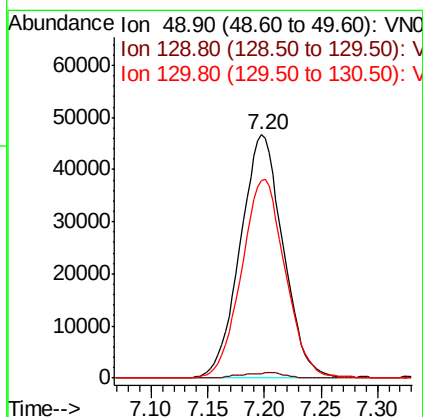
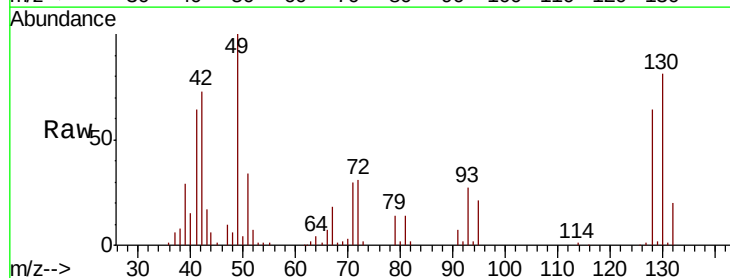
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS02

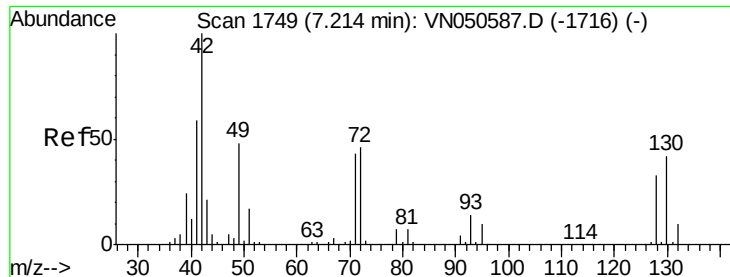
Tgt Ion: 96 Resp: 158152
 Ion Ratio Lower Upper
 96 100
 61 140.8 0.0 278.2
 98 66.8 0.0 128.8



#28
 Bromochloromethane
 Concen: 19.404 ug/l
 RT: 7.20 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion: 49 Resp: 123081
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 83.2 66.8 100.2





#29

Tetrahydrofuran

Concen: 103.416 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN050619.D

Acq: 14 Aug 2018 23:00

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBS02

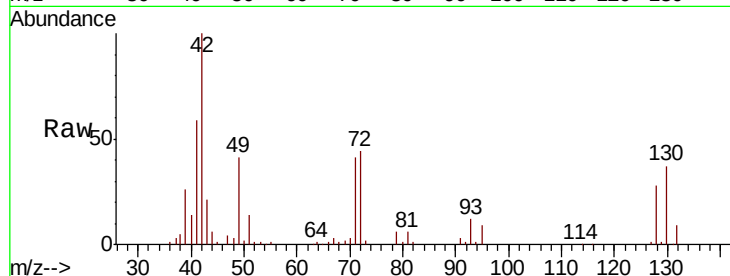
Tgt Ion: 42 Resp: 173713

Ion Ratio Lower Upper

42 100

72 43.9 35.8 53.6

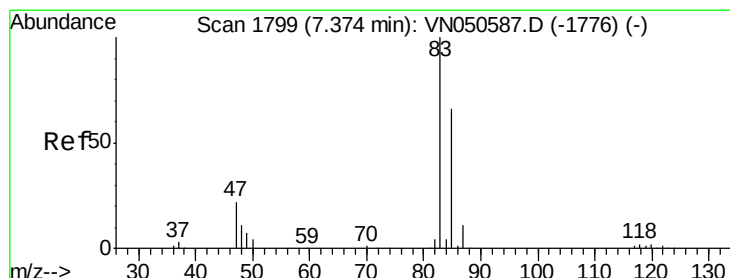
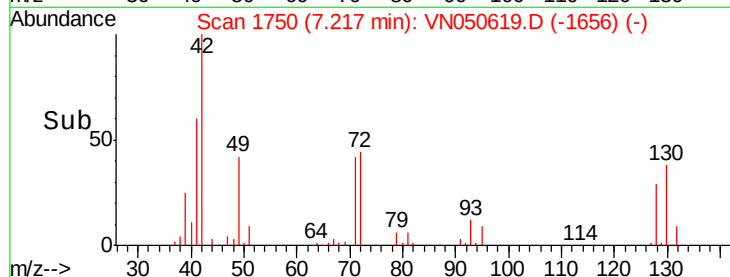
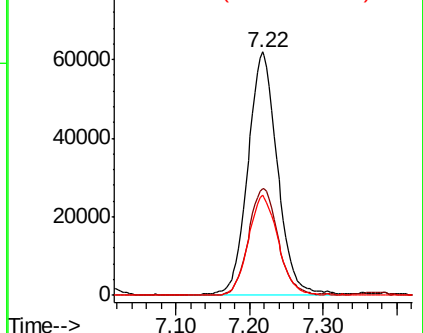
71 41.1 33.4 50.0



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 19.187 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN050619.D

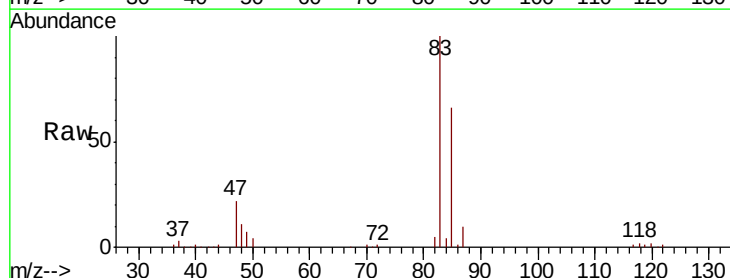
Acq: 14 Aug 2018 23:00

Tgt Ion: 83 Resp: 271003

Ion Ratio Lower Upper

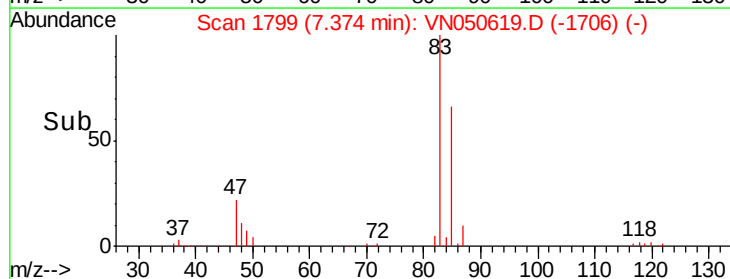
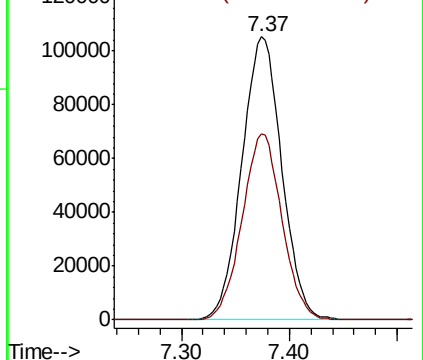
83 100

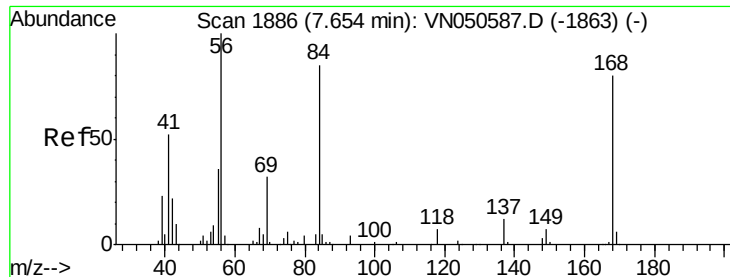
85 65.8 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

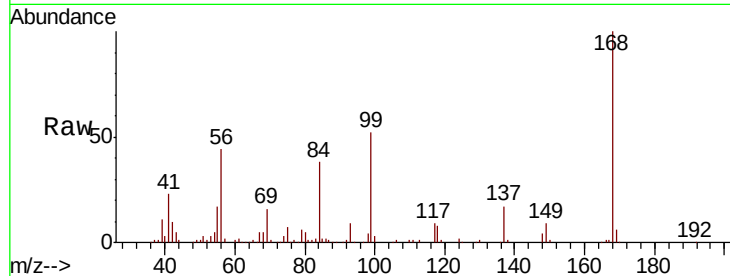




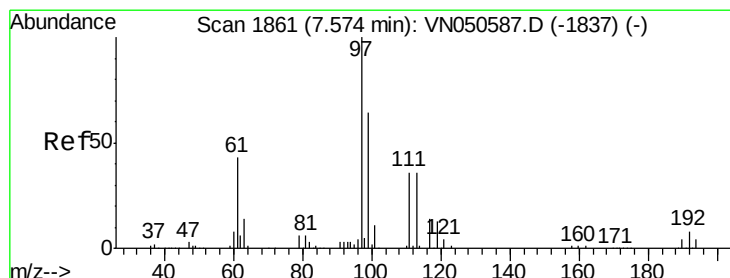
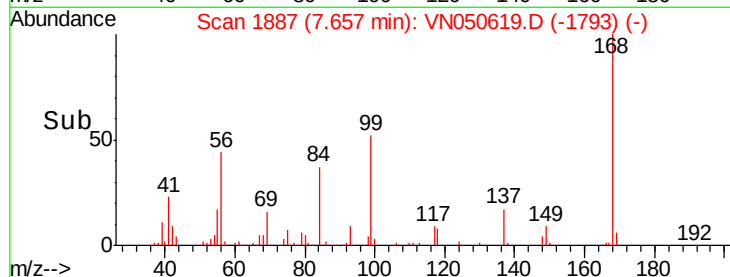
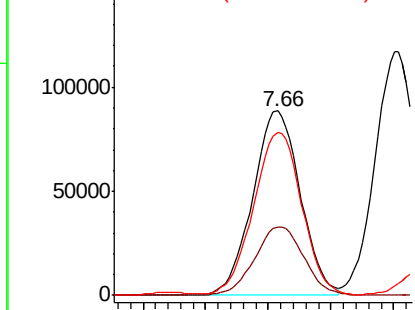
#31
Cyclohexane
Concen: 19.487 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN050619.D
Acq: 14 Aug 2018 23:00

Instrument :
MSVOA_N
ClientSampleId :
VN0814WBS02

Tgt Ion: 56 Resp: 234280
Ion Ratio Lower Upper
56 100
69 37.1 25.8 38.6
84 86.8 67.8 101.6

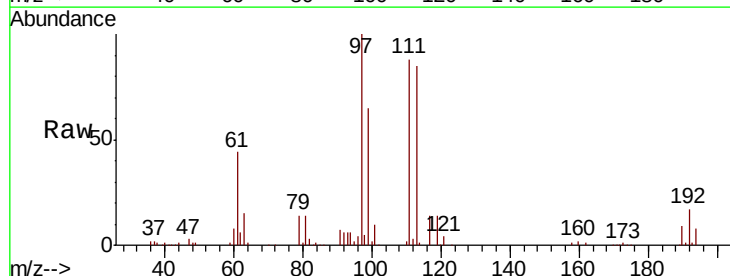


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

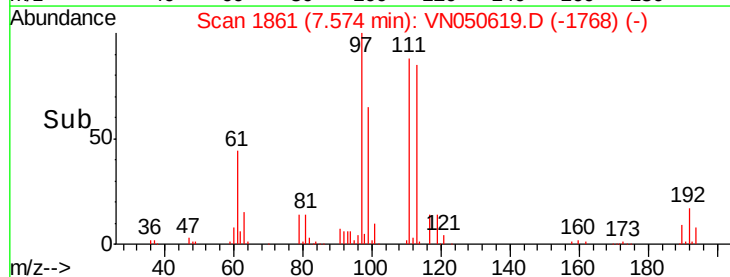
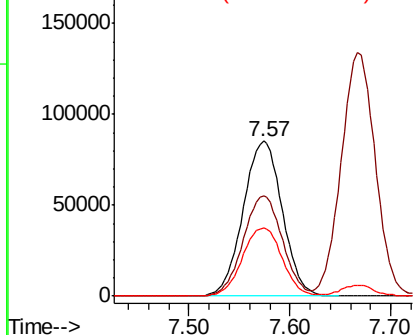


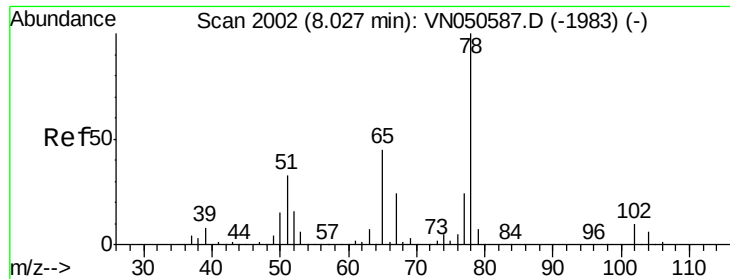
#32
1,1,1-Trichloroethane
Concen: 19.290 ug/l
RT: 7.57 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VN050619.D
Acq: 14 Aug 2018 23:00

Tgt Ion: 97 Resp: 229333
Ion Ratio Lower Upper
97 100
99 64.9 51.1 76.7
61 44.5 34.8 52.2



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

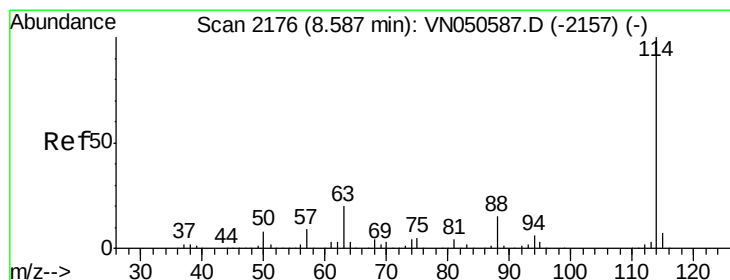
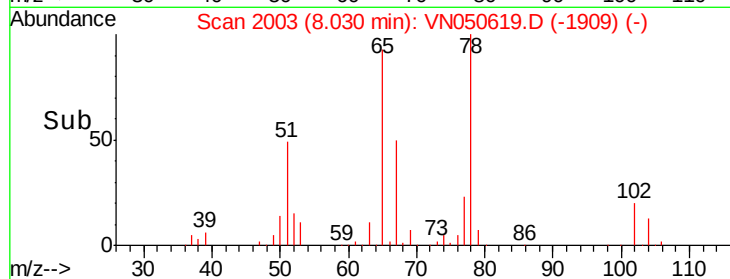
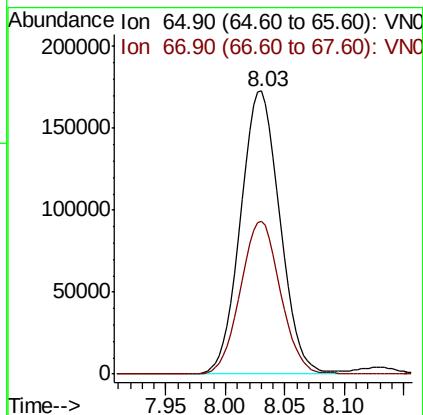
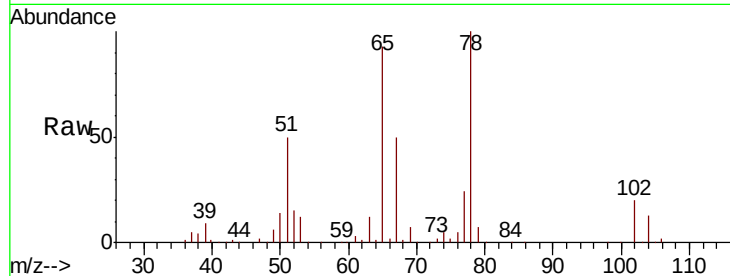




#33
 1,2-Dichloroethane-d4
 Concen: 50.551 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

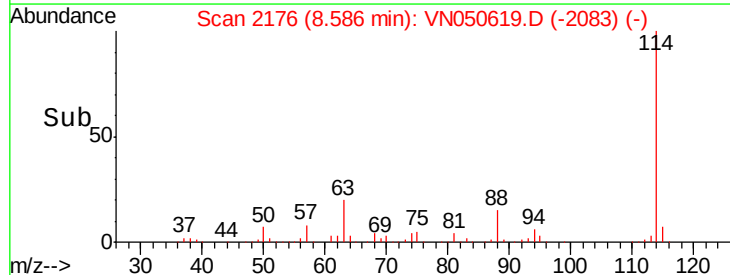
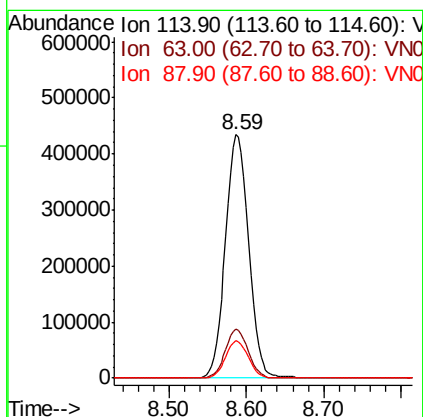
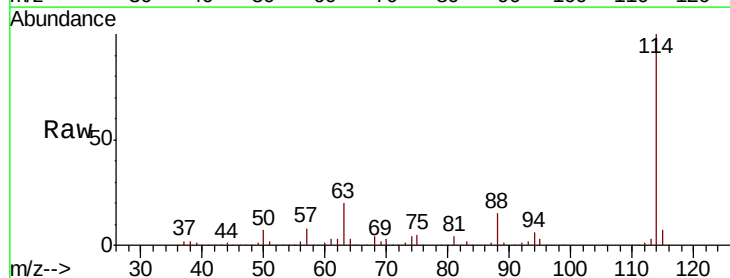
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS02

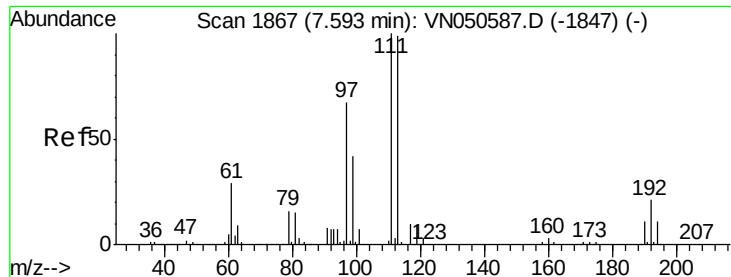
Tgt Ion: 65 Resp: 396634
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion: 114 Resp: 905202
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.3 0.0 30.8

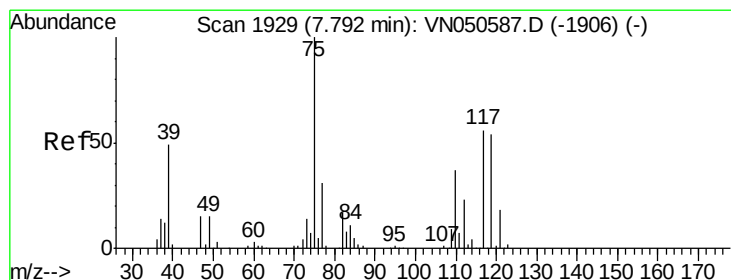
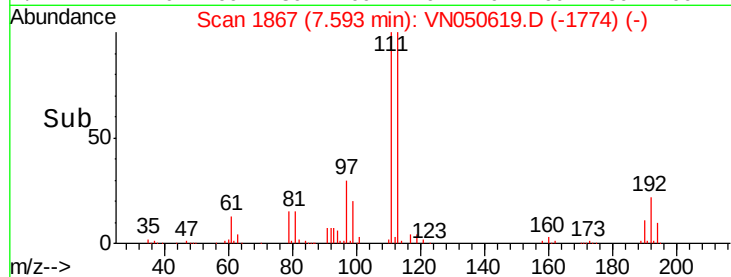
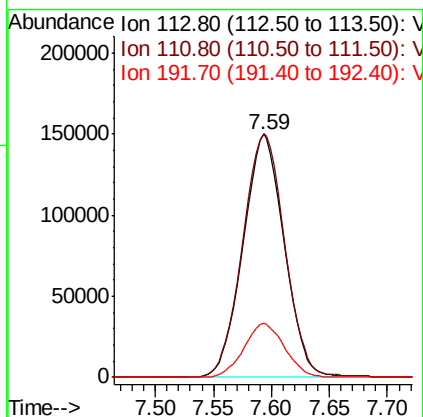
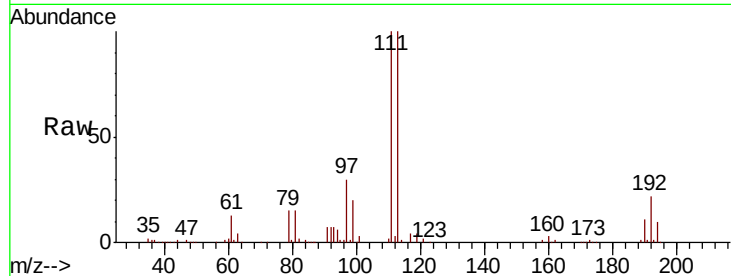




#35
 Dibromofluoromethane
 Concen: 51.116 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

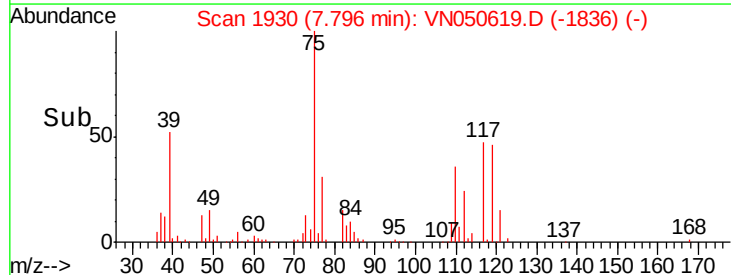
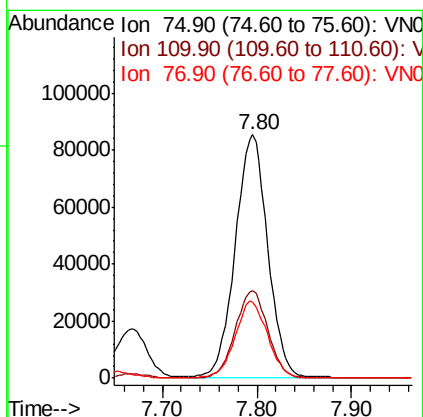
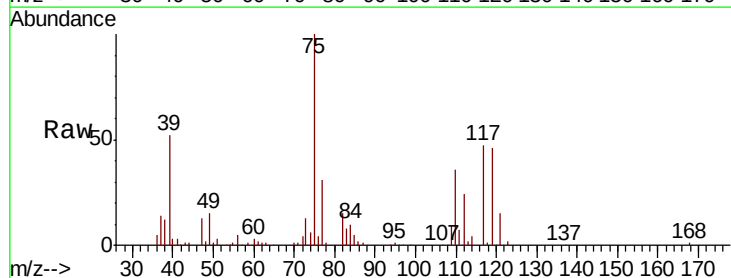
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS02

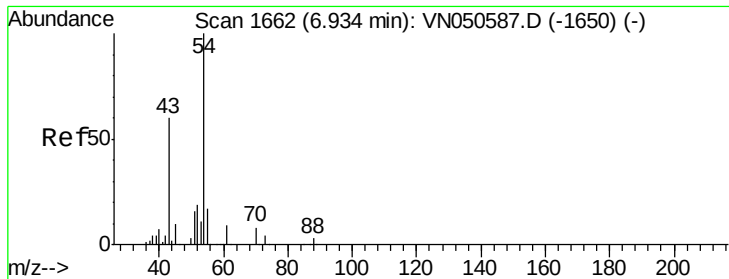
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.0	121.6
192	22.0	17.6	26.4



#36
 1,1-Dichloropropene
 Concen: 20.186 ug/l
 RT: 7.80 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.3	54.9
77	31.8	25.0	37.4

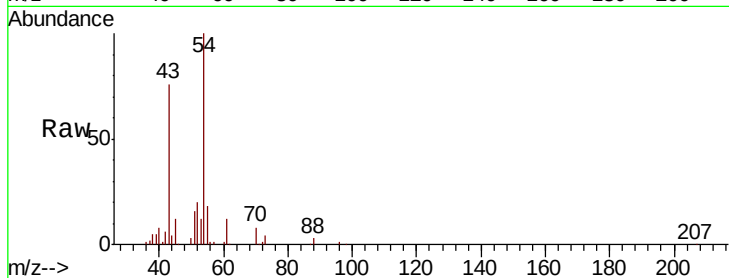




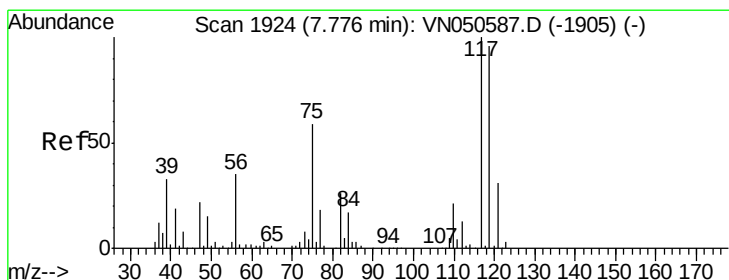
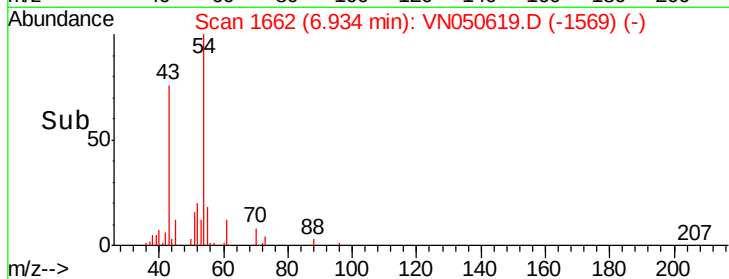
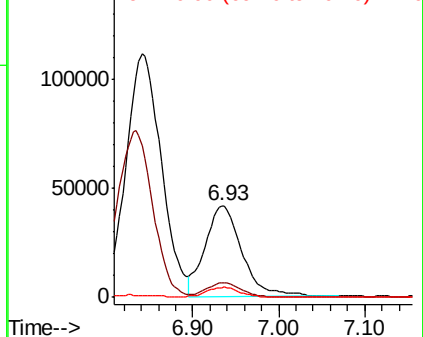
#37
Ethyl Acetate
 Concen: 21.549 ug/l
 RT: 6.93 min Scan# 1662
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

Tgt Ion: 43 Resp: 122741
 Ion Ratio Lower Upper
 43 100
 61 14.7 12.0 18.0
 70 9.7 8.5 12.7

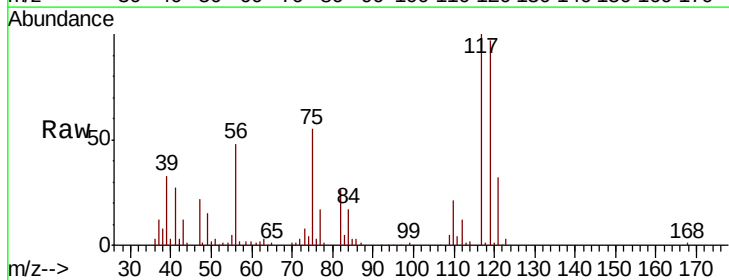


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 70.00 (69.70 to 70.70): VN0

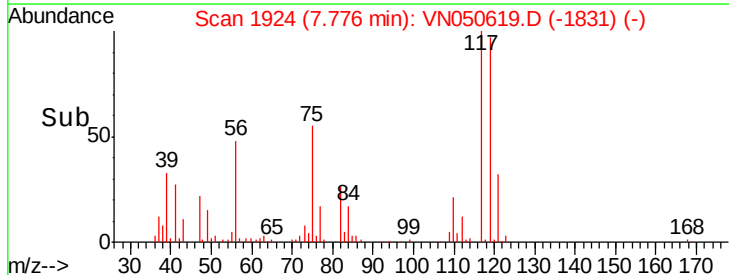
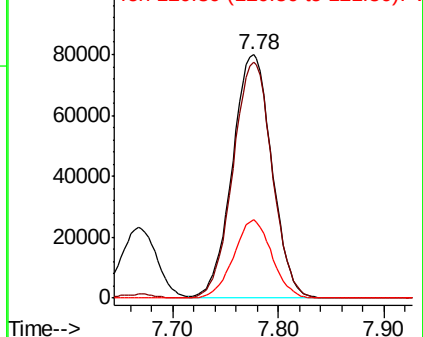


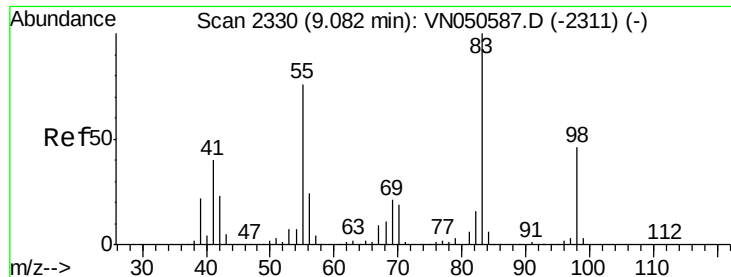
#38
Carbon Tetrachloride
 Concen: 19.911 ug/l
 RT: 7.78 min Scan# 1924
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion: 117 Resp: 208132
 Ion Ratio Lower Upper
 117 100
 119 96.9 76.6 115.0
 121 32.0 25.0 37.6



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

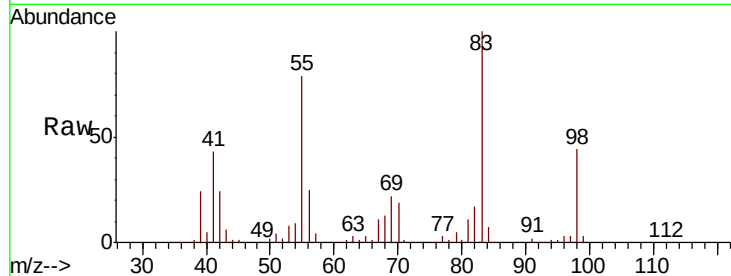




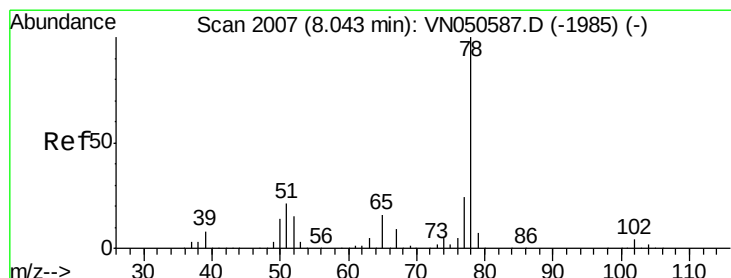
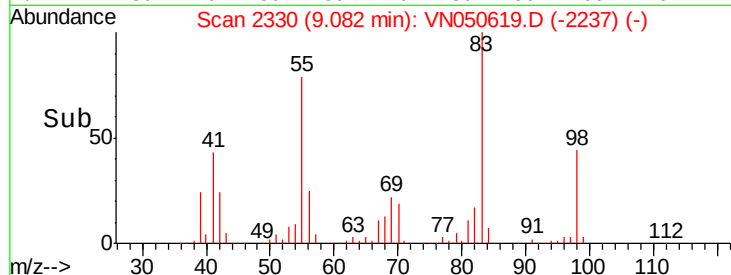
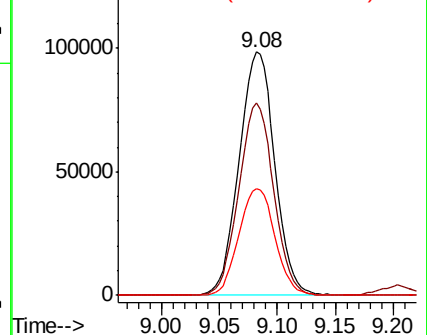
#39
Methylcyclohexane
Concen: 20.181 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN050619.D
Acq: 14 Aug 2018 23:00

Instrument :
MSVOA_N
ClientSampled :
VN0814WBS02

Tgt Ion: 83 Resp: 210536
Ion Ratio Lower Upper
83 100
55 79.1 60.6 91.0
98 43.9 37.0 55.4

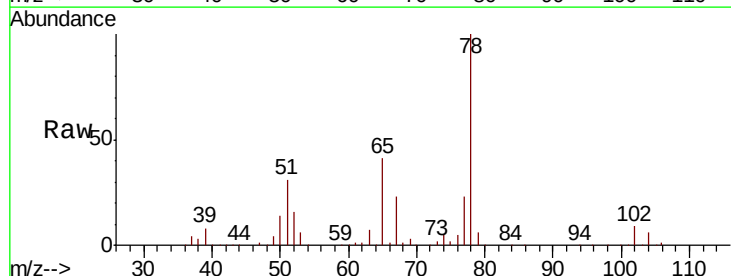


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

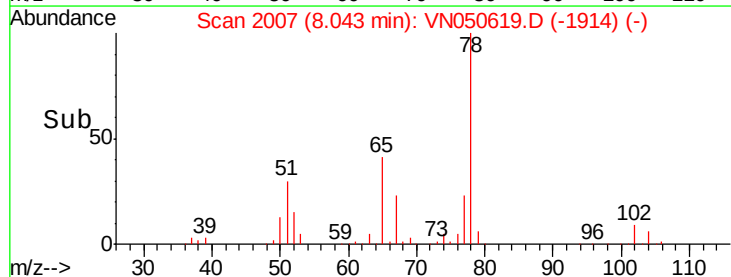
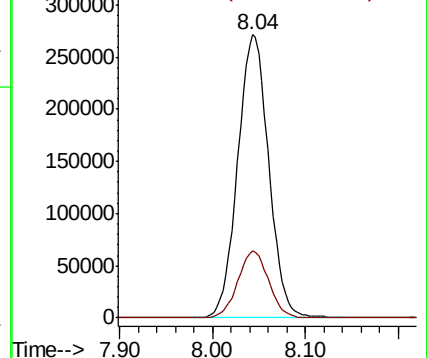


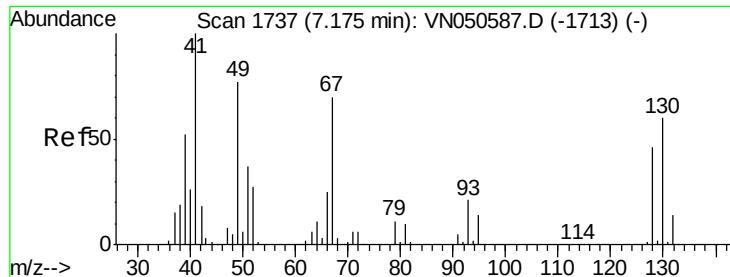
#40
Benzene
Concen: 20.545 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN050619.D
Acq: 14 Aug 2018 23:00

Tgt Ion: 78 Resp: 629806
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6



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

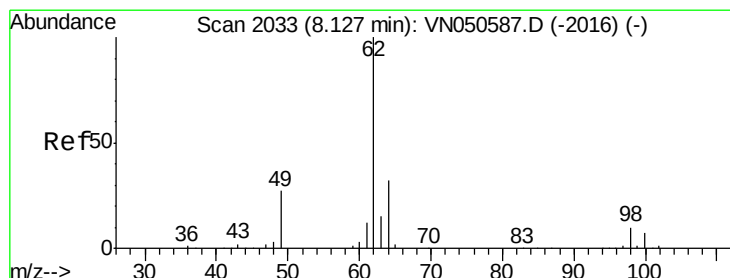
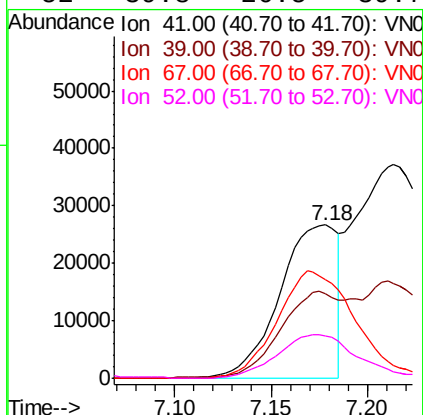
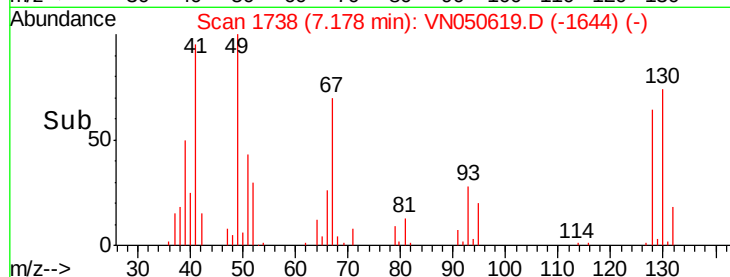
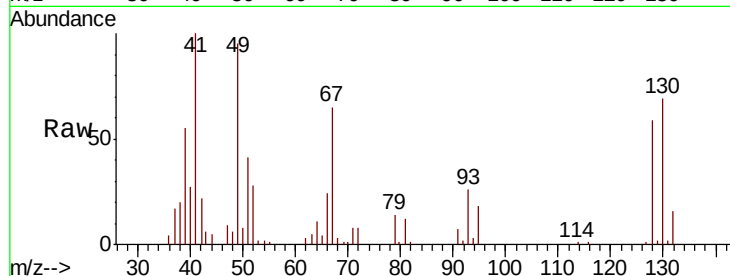




#41
Methacrylonitrile
Concen: 17.992 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN050619.D
Acq: 14 Aug 2018 23:00

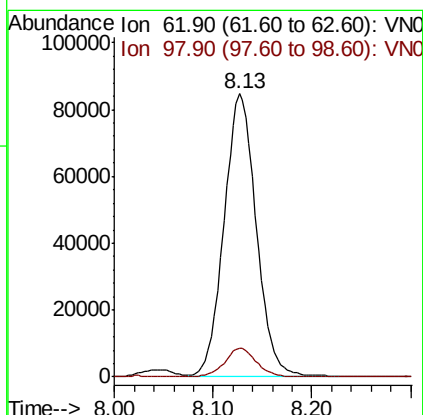
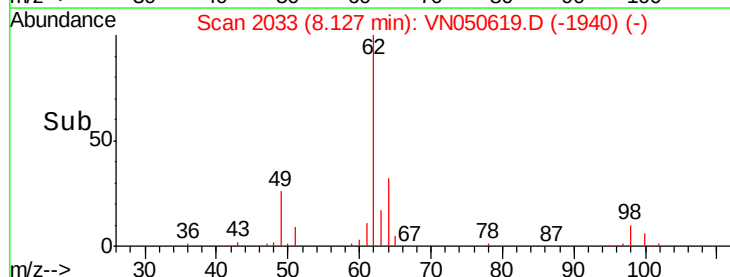
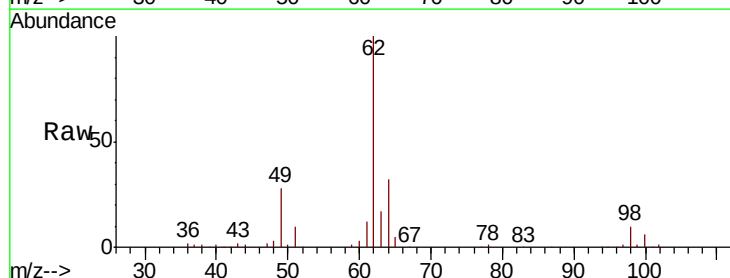
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBS02

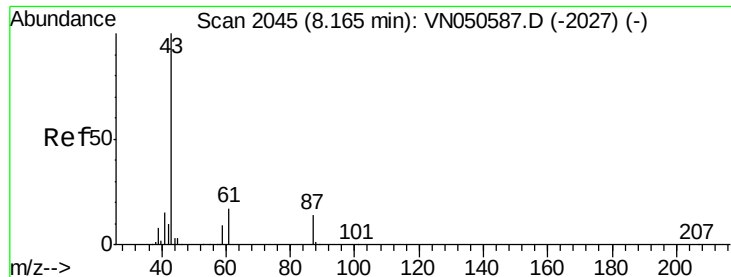
Tgt Ion: 41 Resp: 55404
Ion Ratio Lower Upper
41 100
39 58.4 44.6 66.8
67 95.0 66.7 100.1
52 39.8 26.5 39.7#



#42
1,2-Dichloroethane
Concen: 20.493 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. -0.00 min
Lab File: VN050619.D
Acq: 14 Aug 2018 23:00

Tgt Ion: 62 Resp: 192538
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.4





#43

Isopropyl Acetate

Concen: 19.815 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. -0.00 min

Lab File: VN050619.D

Acq: 14 Aug 2018 23:00

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBS02

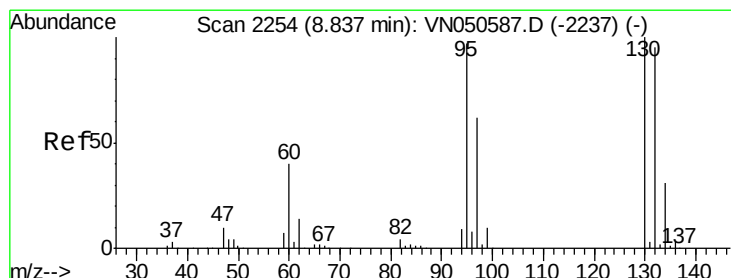
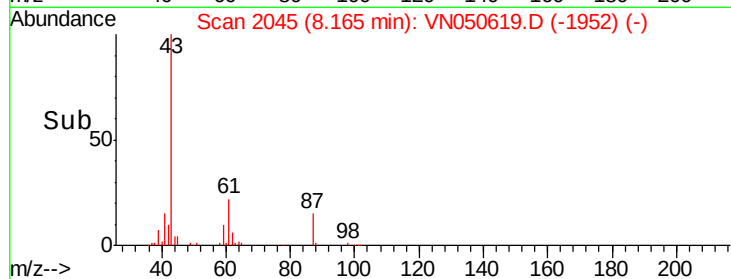
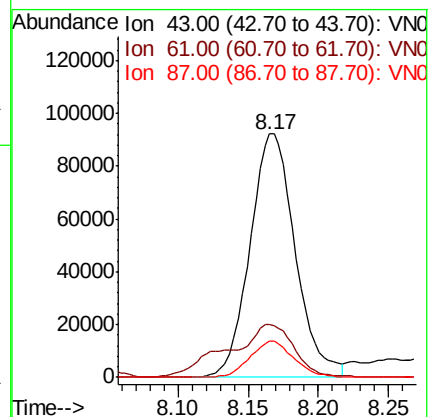
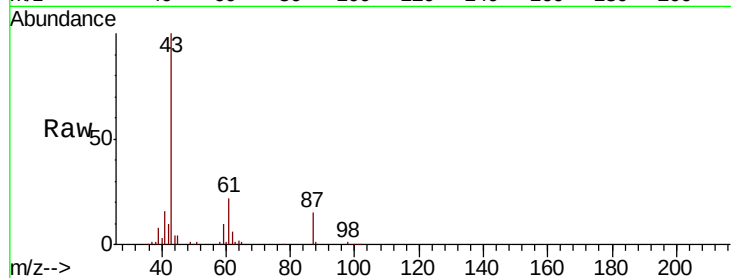
Tgt Ion: 43 Resp: 205682

Ion Ratio Lower Upper

43 100

61 20.3 16.2 24.2

87 14.6 10.9 16.3



#44

Trichloroethene

Concen: 20.002 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN050619.D

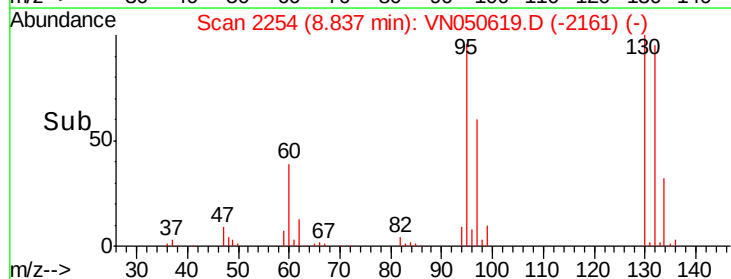
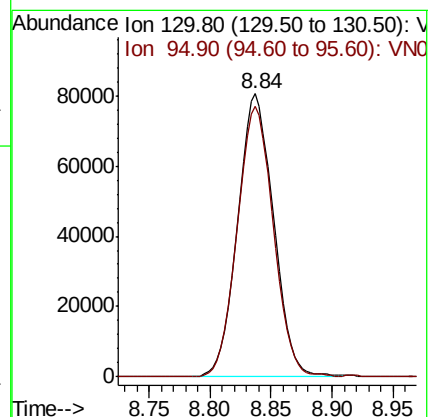
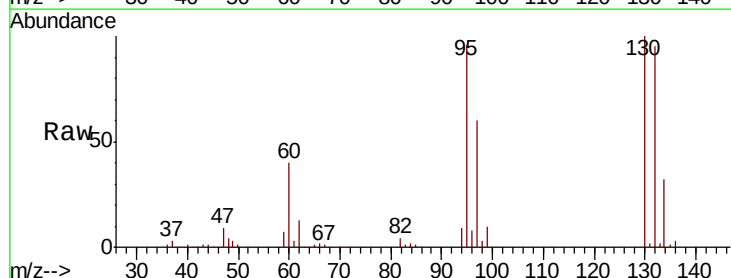
Acq: 14 Aug 2018 23:00

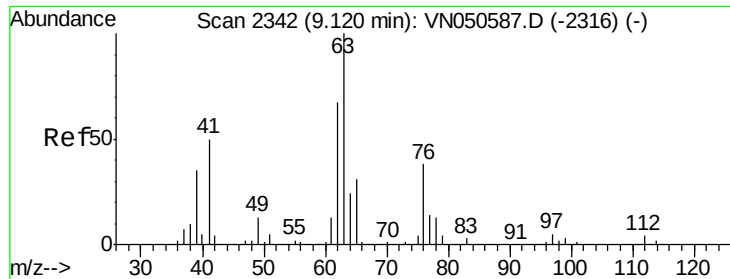
Tgt Ion: 130 Resp: 164240

Ion Ratio Lower Upper

130 100

95 95.7 0.0 193.8

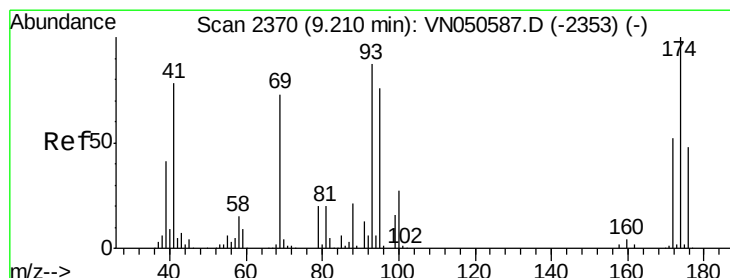
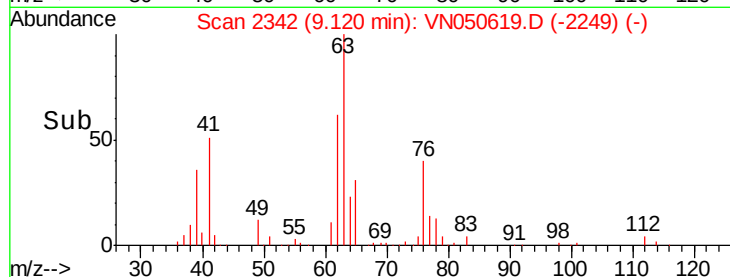
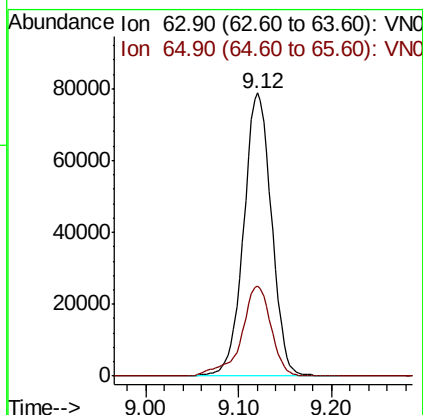
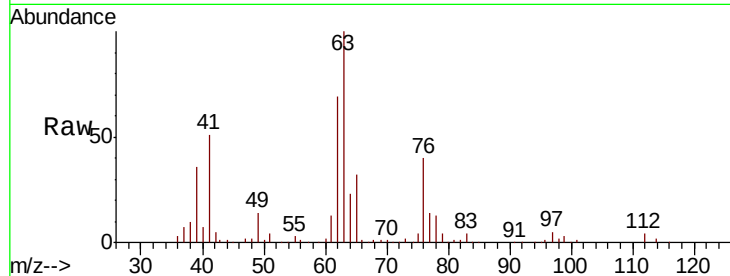




#45
 1,2-Dichloropropane
 Concen: 20.158 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

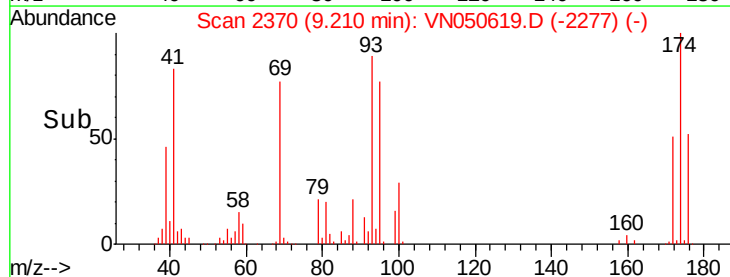
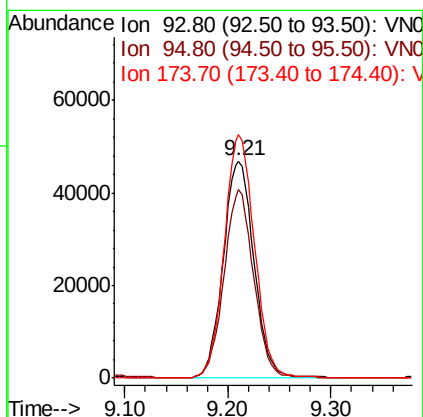
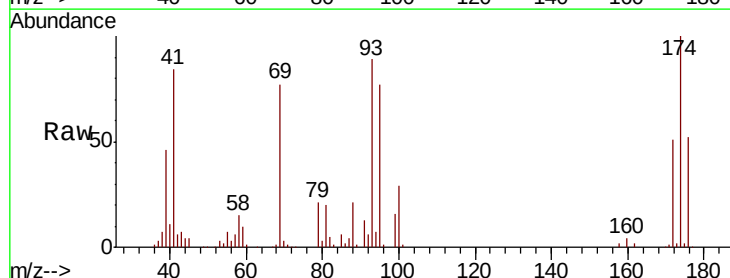
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS02

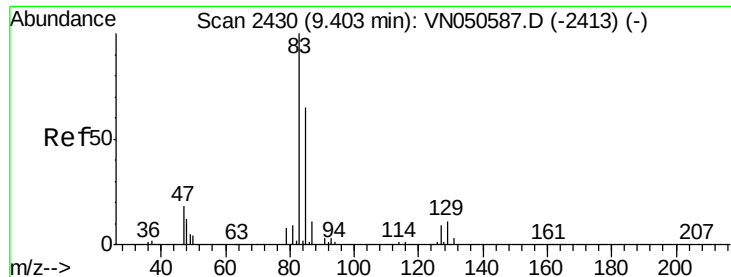
Tgt Ion: 63 Resp: 164508
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.5 36.7



#46
 Dibromomethane
 Concen: 20.269 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion: 93 Resp: 97674
 Ion Ratio Lower Upper
 93 100
 95 83.8 69.1 103.7
 174 110.1 91.0 136.6





#47

Bromodichloromethane

Concen: 19.953 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050619.D

Acq: 14 Aug 2018 23:00

Instrument :

MSVOA_N

ClientSampled :

VN0814WBS02

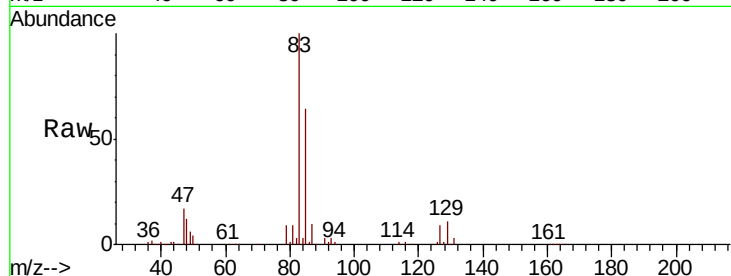
Tgt Ion: 83 Resp: 205511

Ion Ratio Lower Upper

83 100

85 63.6 51.8 77.6

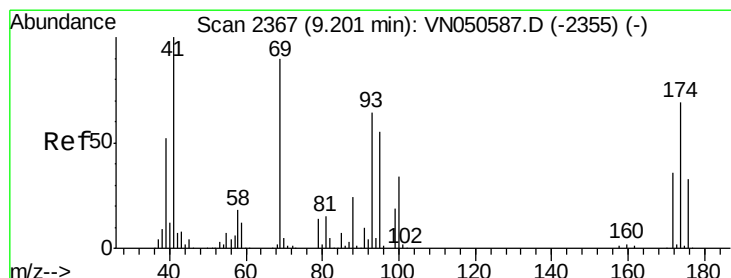
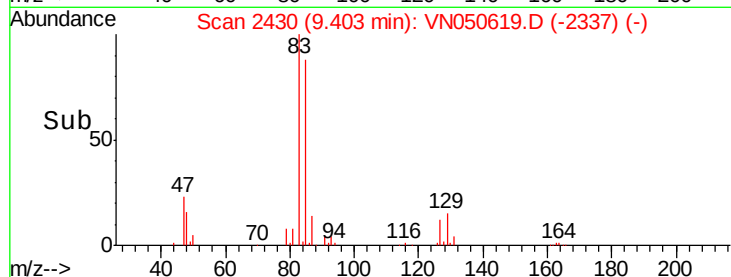
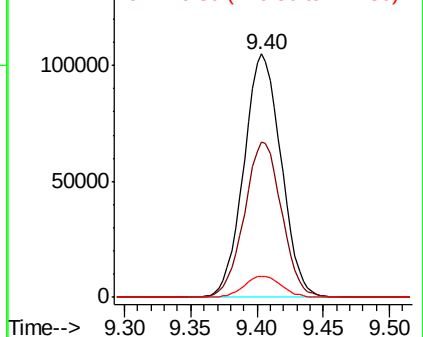
127 8.6 7.2 10.8



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): VN0



#48

Methyl methacrylate

Concen: 20.027 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050619.D

Acq: 14 Aug 2018 23:00

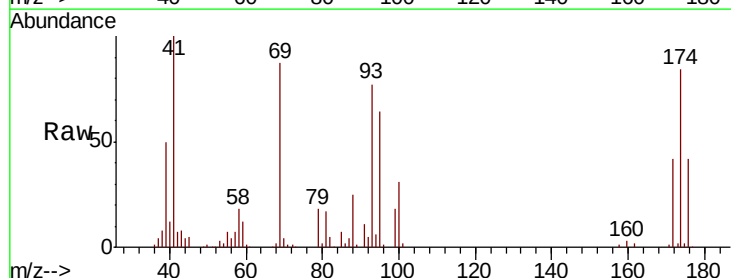
Tgt Ion: 41 Resp: 104605

Ion Ratio Lower Upper

41 100

69 90.8 73.4 110.0

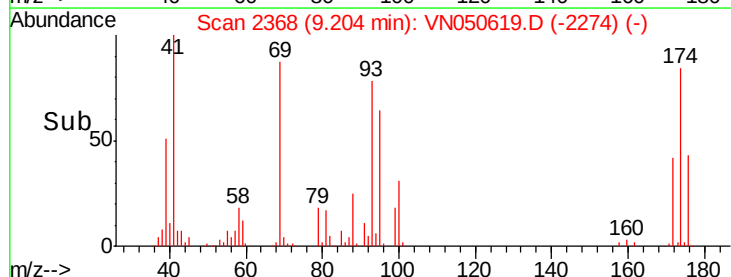
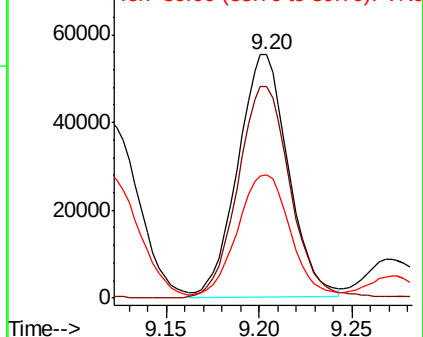
39 52.8 43.0 64.6

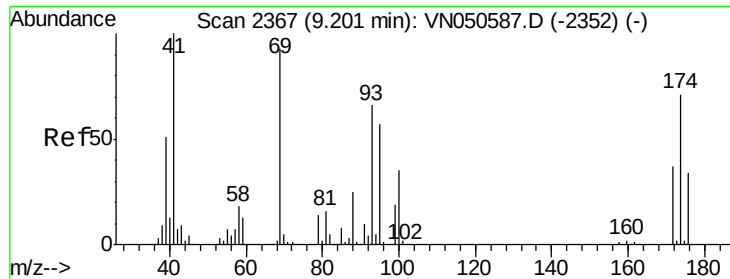


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

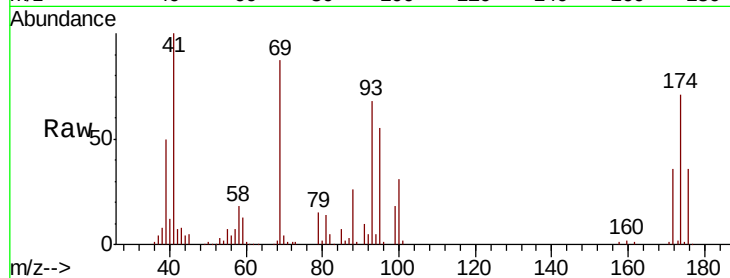




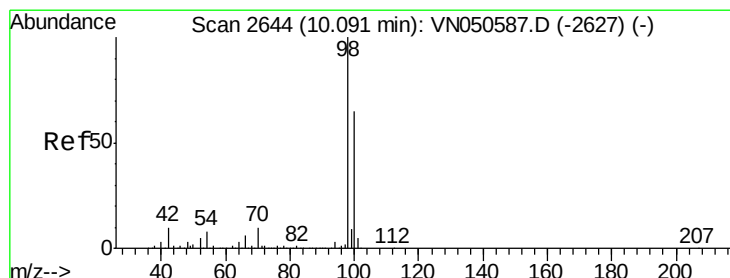
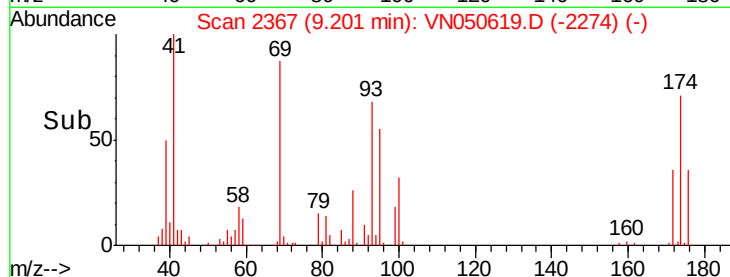
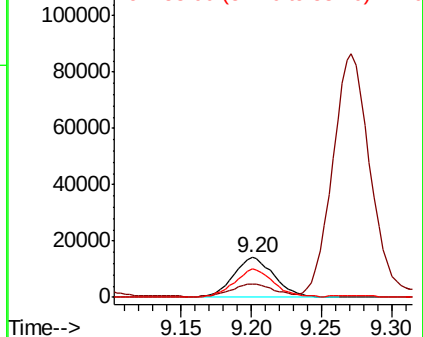
#49
1,4-Dioxane
Concen: 417.959 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN050619.D
Acq: 14 Aug 2018 23:00

Instrument :
MSVOA_N
ClientSampleId :
VN0814WBS02

Tgt Ion: 88 Resp: 28759
Ion Ratio Lower Upper
88 100
43 32.6 25.9 38.9
58 69.1 56.5 84.7

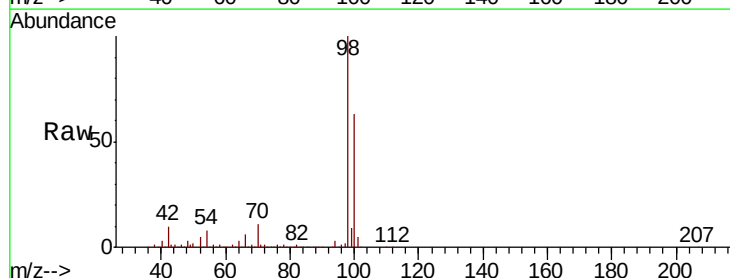


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

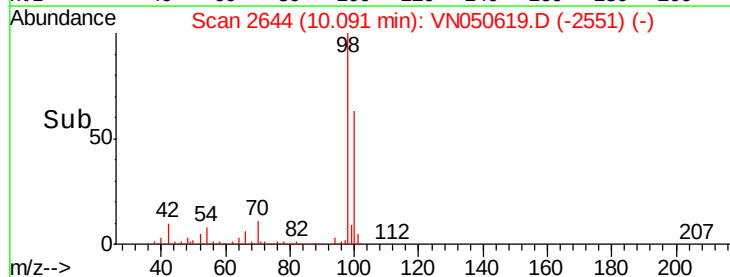
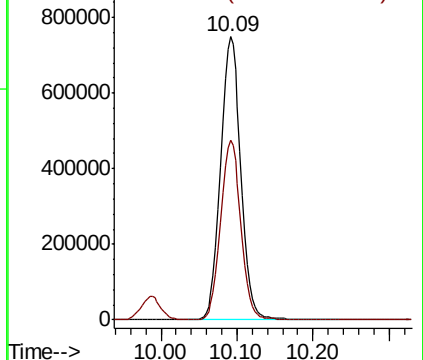


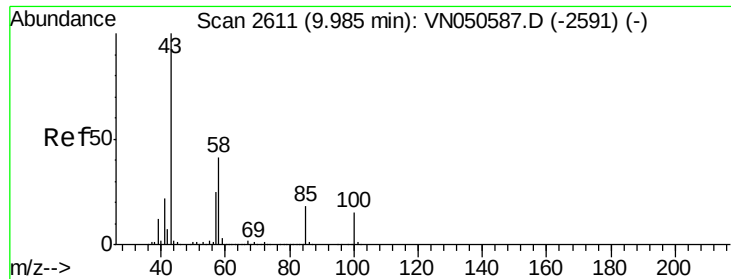
#50
Toluene-d8
Concen: 50.936 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050619.D
Acq: 14 Aug 2018 23:00

Tgt Ion: 98 Resp: 1385385
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.8



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

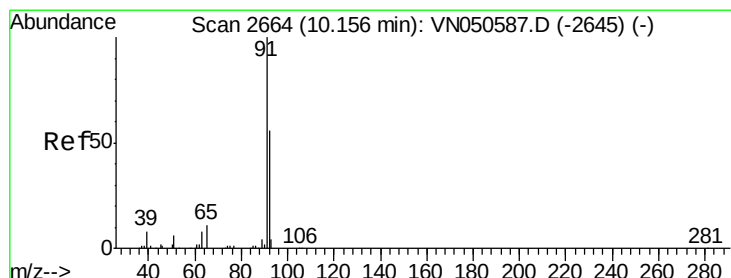
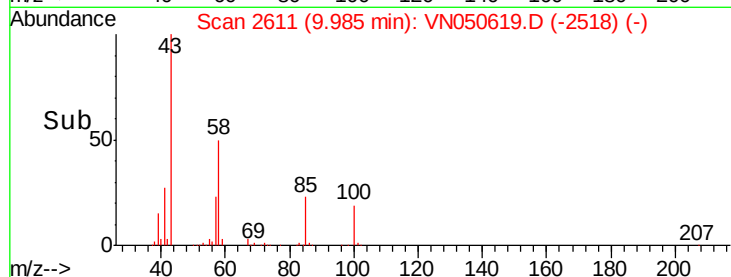
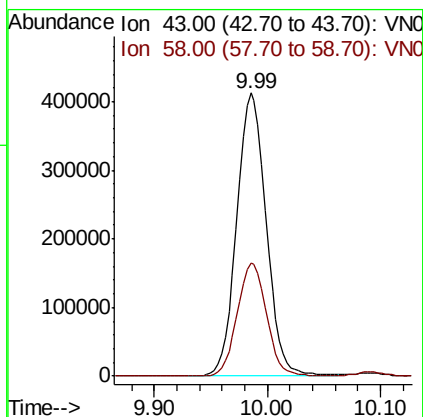
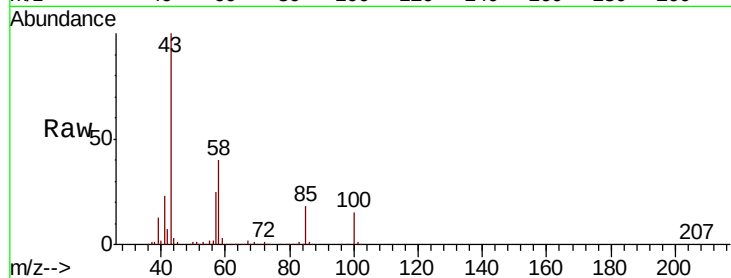




#51
 4-Methyl-2-Pentanone
 Concen: 106.708 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

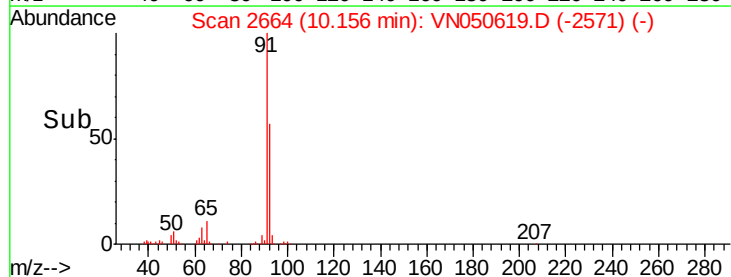
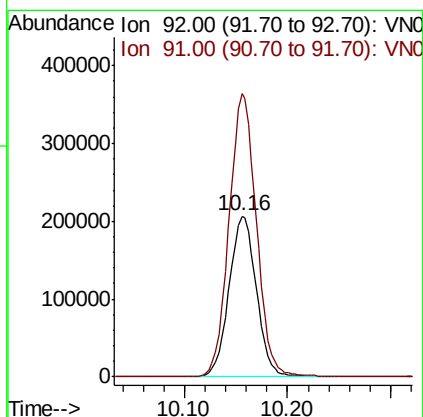
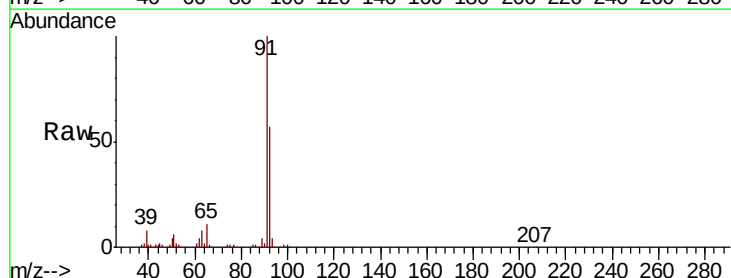
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS02

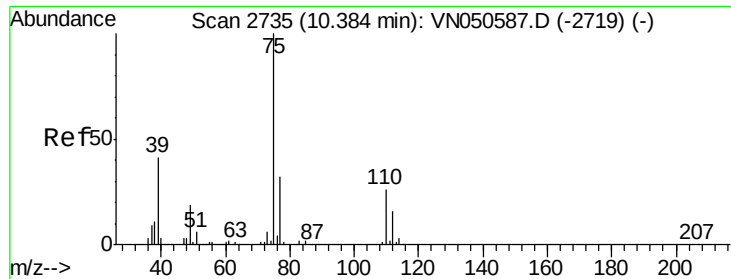
Tgt Ion: 43 Resp: 749115
 Ion Ratio Lower Upper
 43 100
 58 39.9 32.5 48.7



#52
 Toluene
 Concen: 20.913 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion: 92 Resp: 382762
 Ion Ratio Lower Upper
 92 100
 91 175.9 141.9 212.9





#53

t-1,3-Dichloropropene

Concen: 19.858 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN050619.D

Acq: 14 Aug 2018 23:00

Instrument :

MSVOA_N

ClientSampled :

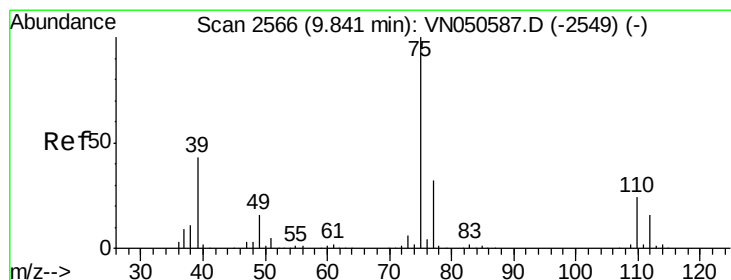
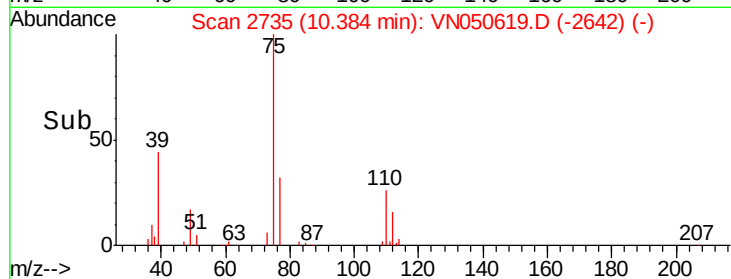
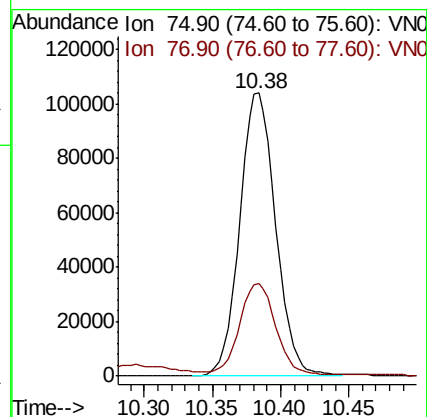
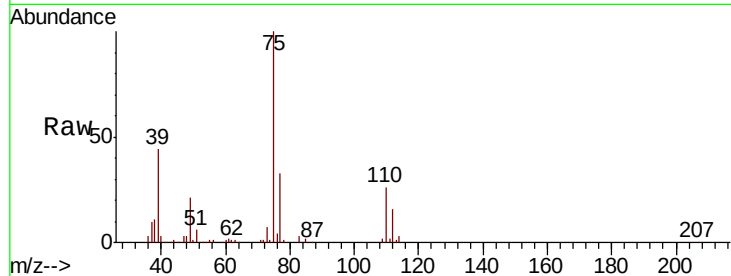
VN0814WBS02

Tgt Ion: 75 Resp: 190511

Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 20.642 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN050619.D

Acq: 14 Aug 2018 23:00

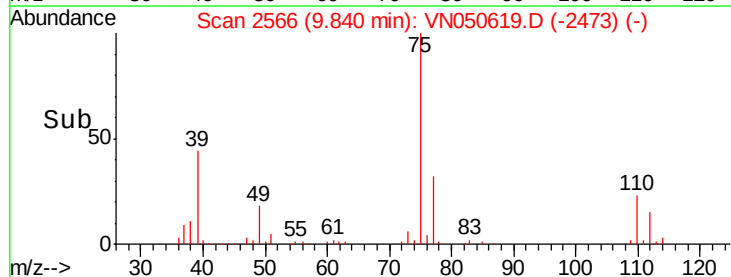
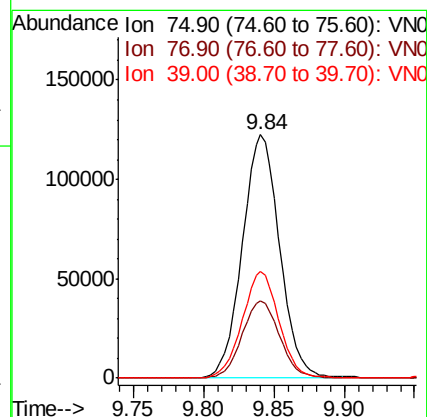
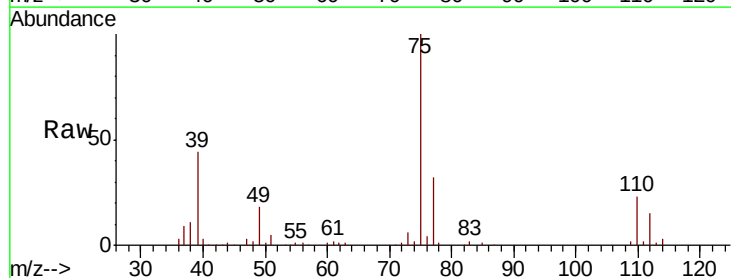
Tgt Ion: 75 Resp: 227184

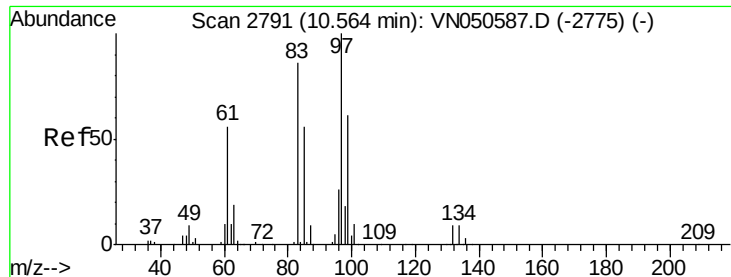
Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4

39 44.1 34.4 51.6

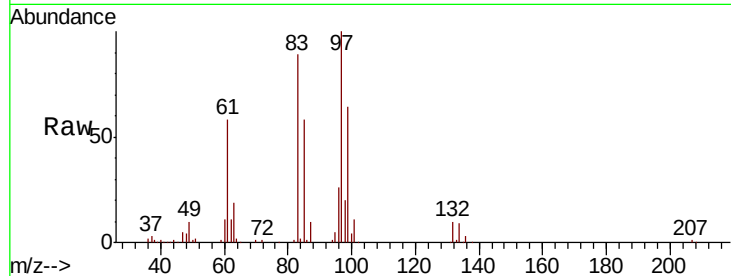




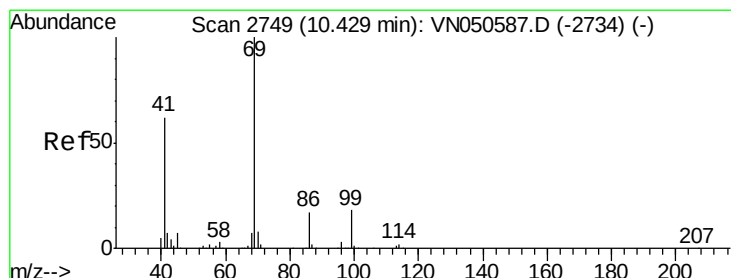
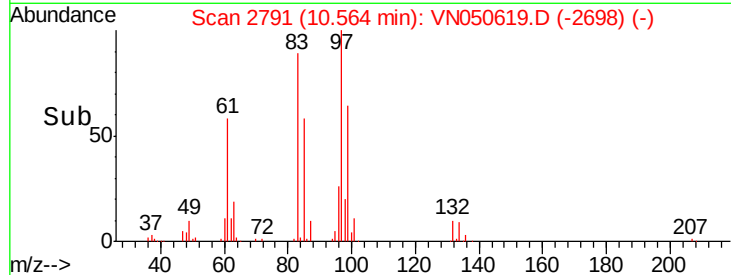
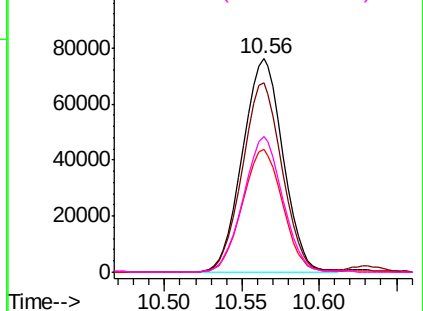
#55
 1,1,2-Trichloroethane
 Concen: 20.328 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS02

Tgt Ion:	97	Resp:	138999
Ion	Ratio	Lower	Upper
97	100		
83	88.8	68.5	102.7
85	57.6	44.6	66.8
99	63.6	49.1	73.7

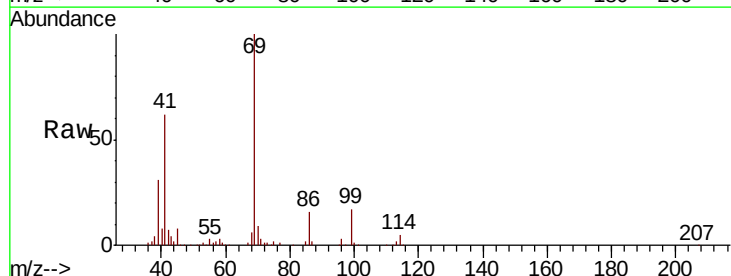


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

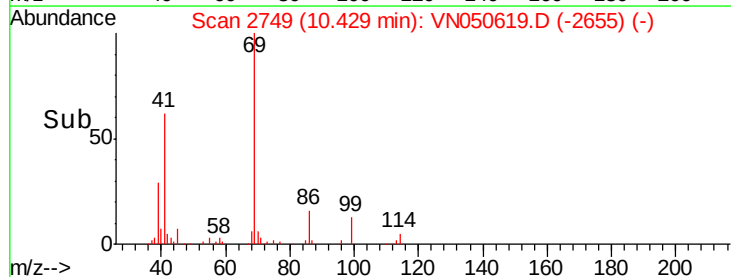
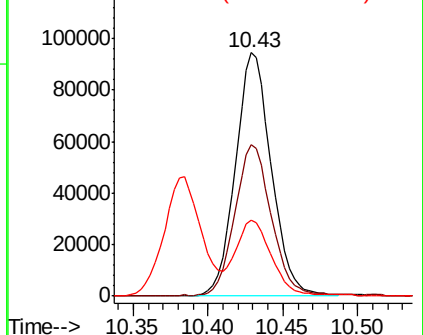


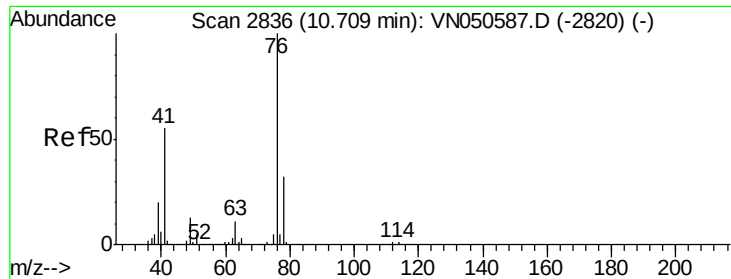
#56
 Ethyl methacrylate
 Concen: 19.286 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion:	69	Resp:	157618
Ion	Ratio	Lower	Upper
69	100		
41	62.6	49.7	74.5
39	31.0	24.2	36.2



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

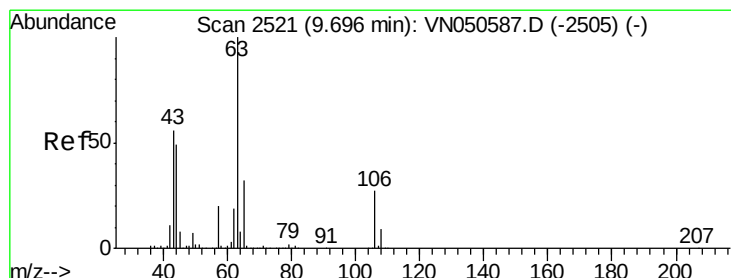
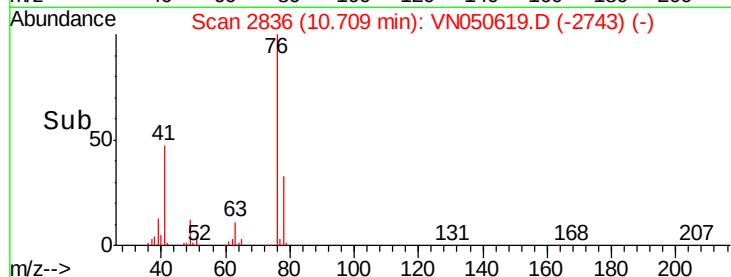
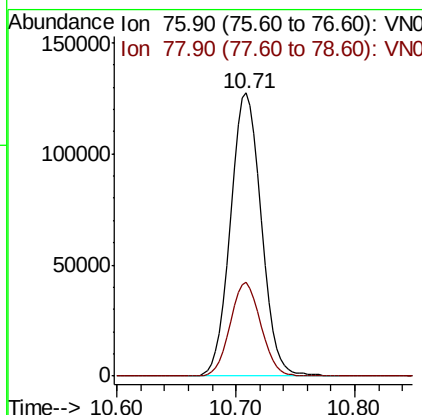
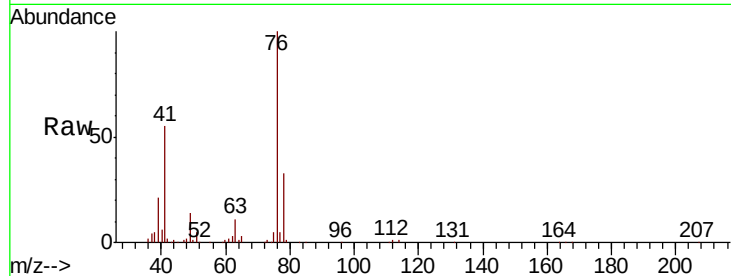




#57
 1,3-Dichloropropane
 Concen: 20.408 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

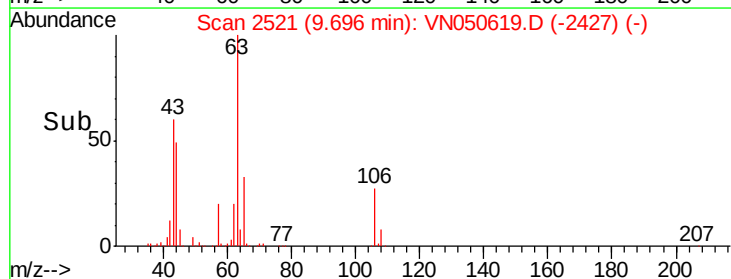
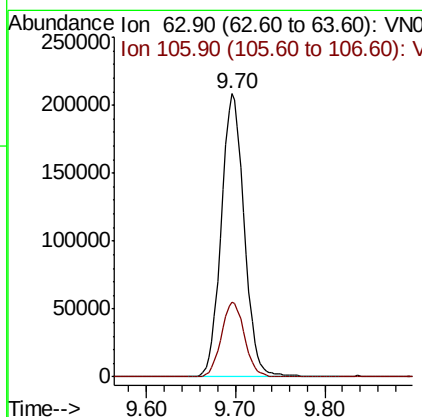
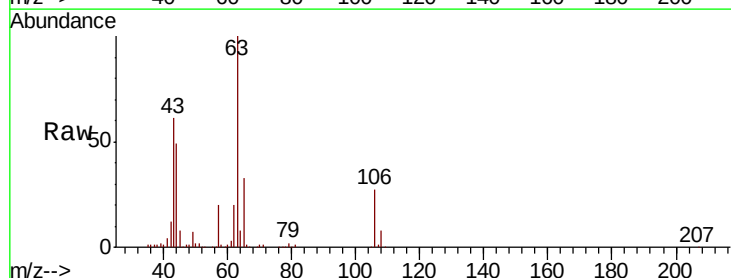
Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

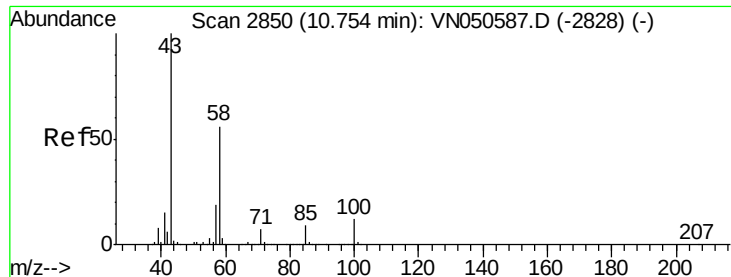
Tgt Ion: 76 Resp: 228771
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.705 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion: 63 Resp: 371842
 Ion Ratio Lower Upper
 63 100
 106 26.8 21.7 32.5

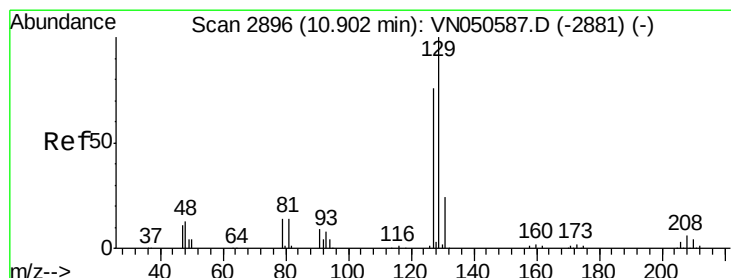
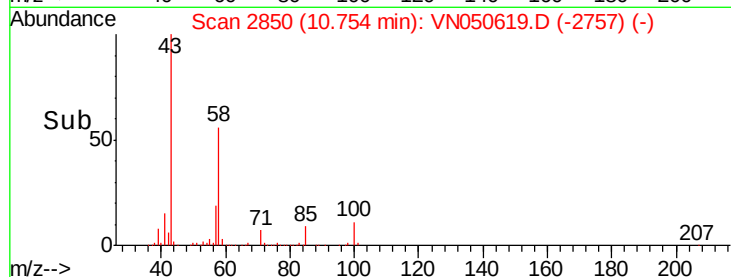
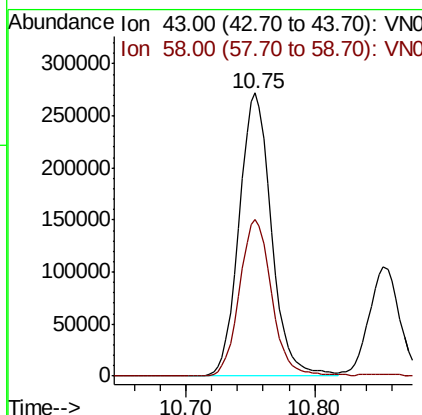
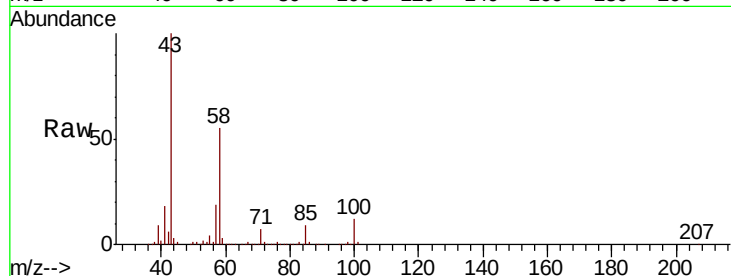




#59
2-Hexanone
Concen: 104.296 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN050619.D
Acq: 14 Aug 2018 23:00

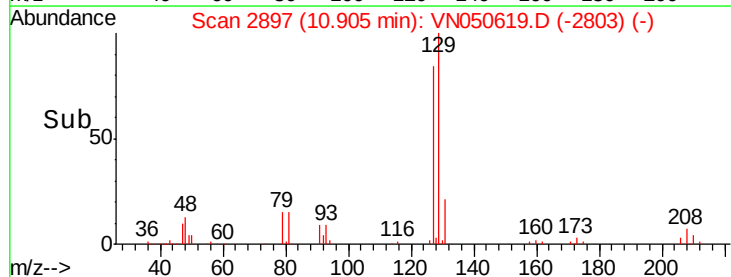
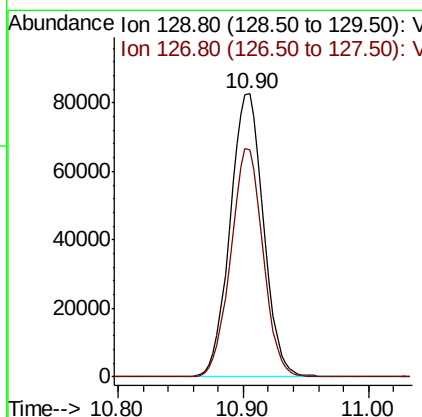
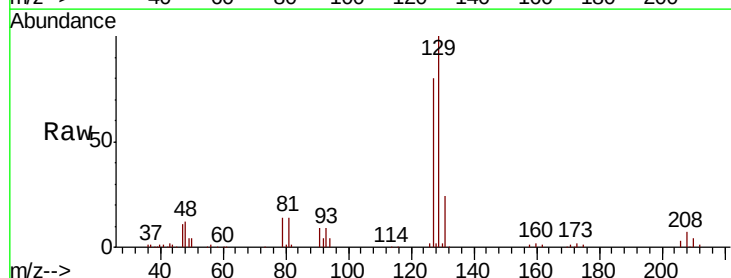
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBS02

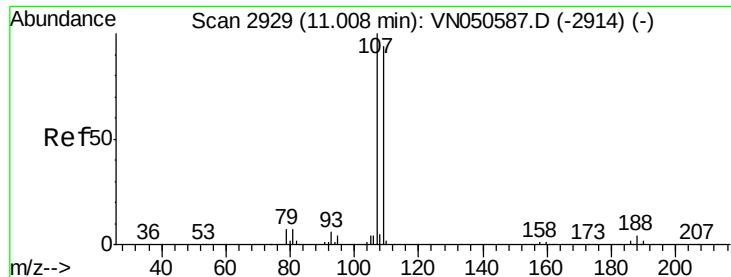
Tgt Ion: 43 Resp: 472564
Ion Ratio Lower Upper
43 100
58 55.5 28.0 84.0



#60
Dibromochloromethane
Concen: 20.190 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN050619.D
Acq: 14 Aug 2018 23:00

Tgt Ion: 129 Resp: 152361
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.7

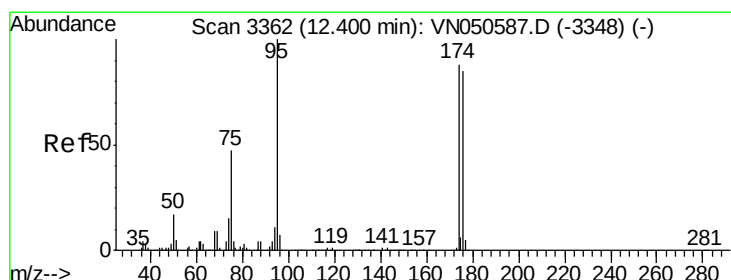
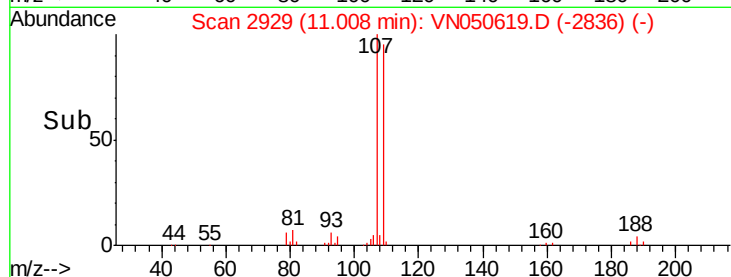
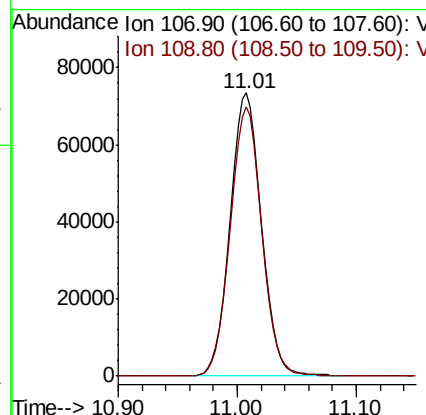
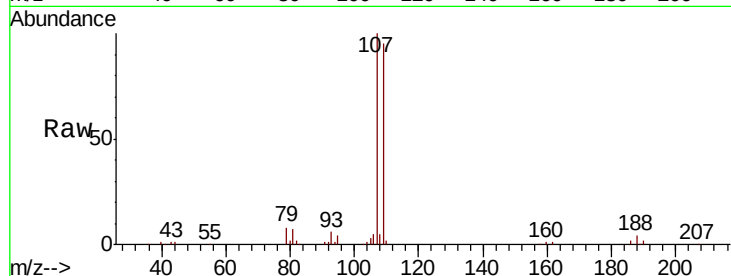




#61
 1,2-Dibromoethane
 Concen: 20.583 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

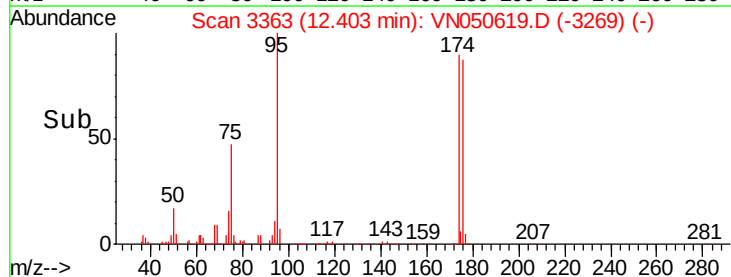
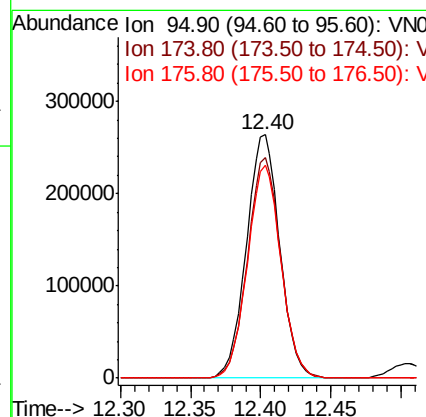
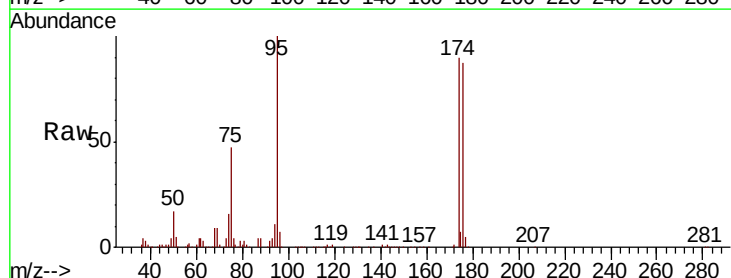
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS02

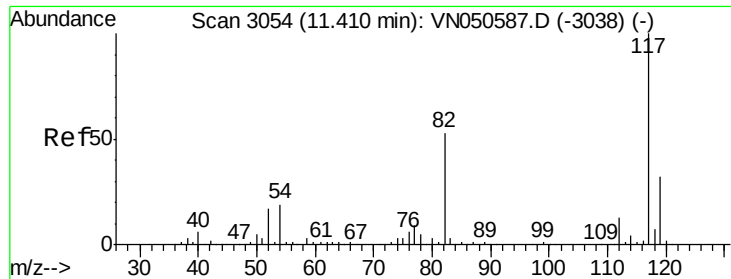
Tgt Ion: 107 Resp: 134034
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 48.753 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion: 95 Resp: 438058
 Ion Ratio Lower Upper
 95 100
 174 90.3 0.0 177.8
 176 87.9 0.0 175.0

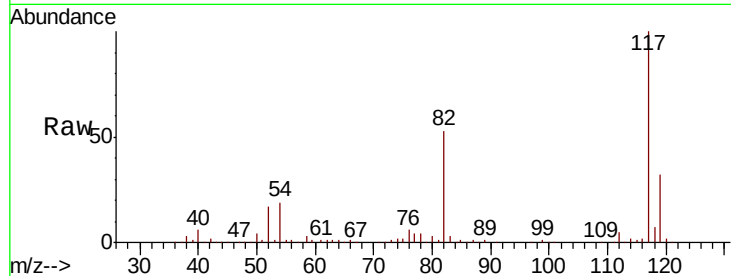




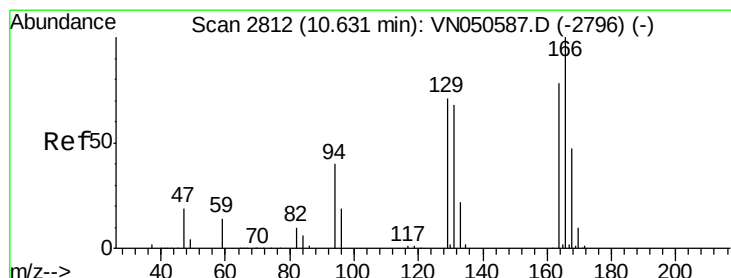
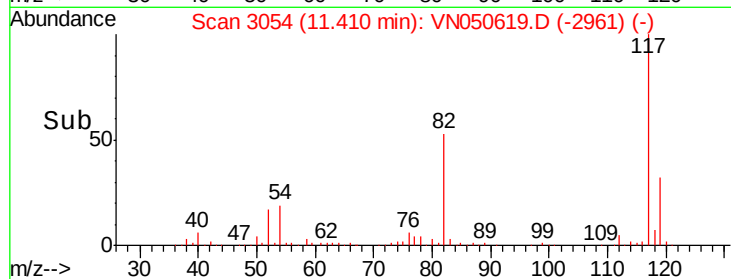
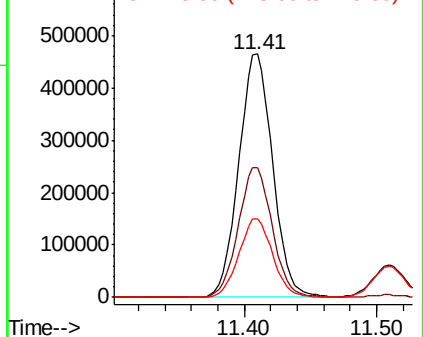
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050619.D
Acq: 14 Aug 2018 23:00

Instrument :
MSVOA_N
ClientSampleId :
VN0814WBS02

Tgt Ion:117 Resp: 826513
Ion Ratio Lower Upper
117 100
82 53.1 42.4 63.6
119 32.3 25.8 38.8

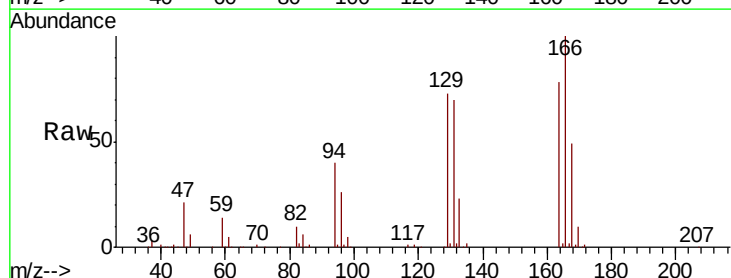


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

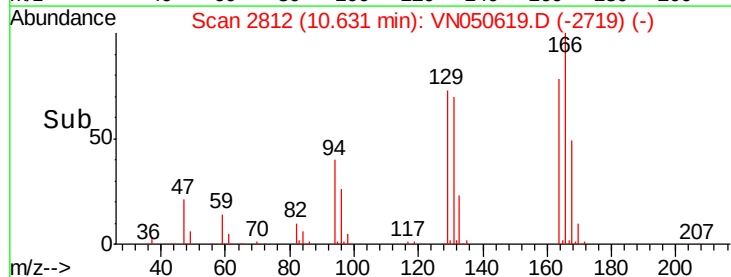
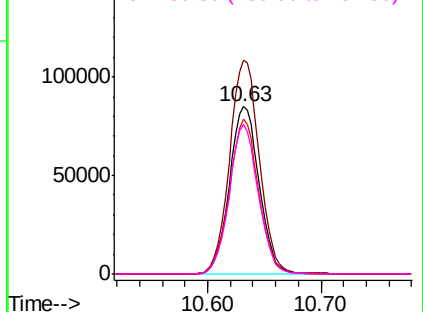


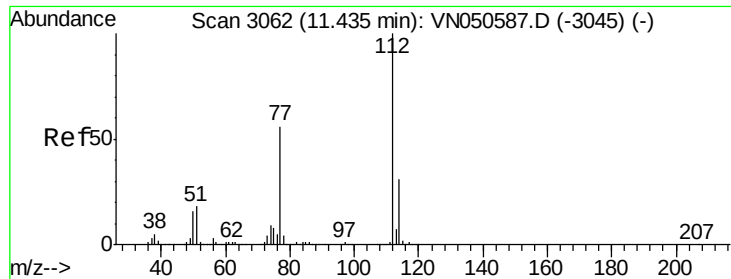
#64
Tetrachloroethene
Concen: 20.229 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN050619.D
Acq: 14 Aug 2018 23:00

Tgt Ion:164 Resp: 155271
Ion Ratio Lower Upper
164 100
166 127.6 102.1 153.1
129 92.6 72.7 109.1
131 89.1 69.9 104.9



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

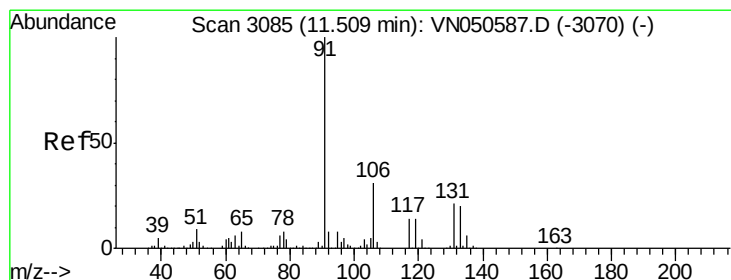
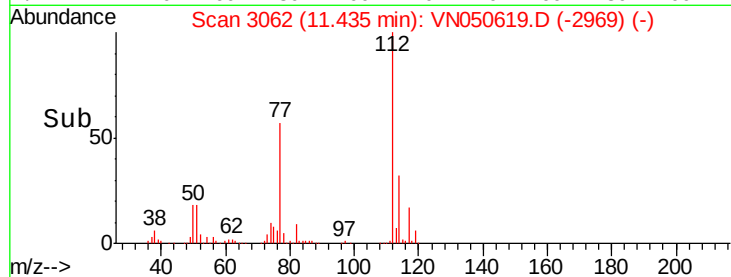
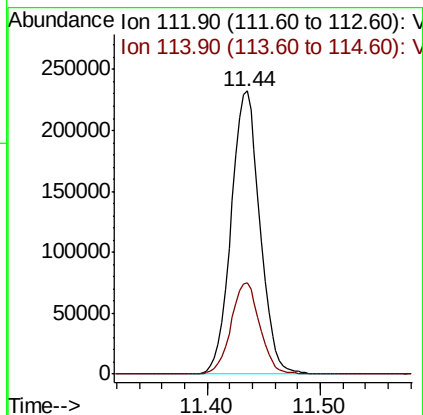
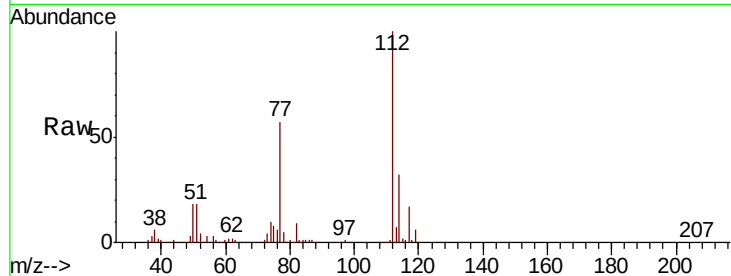




#65
Chlorobenzene
Concen: 19.959 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN050619.D
Acq: 14 Aug 2018 23:00

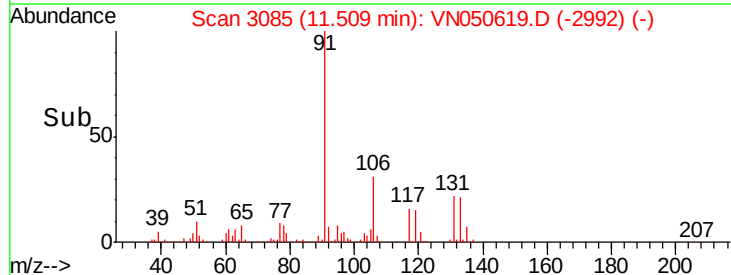
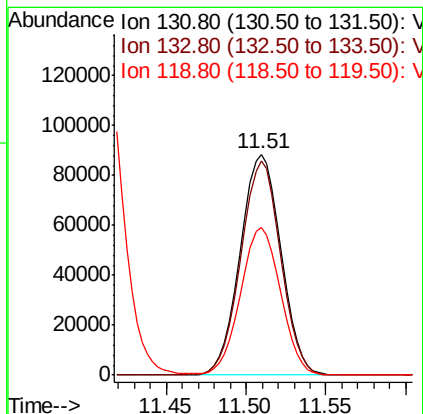
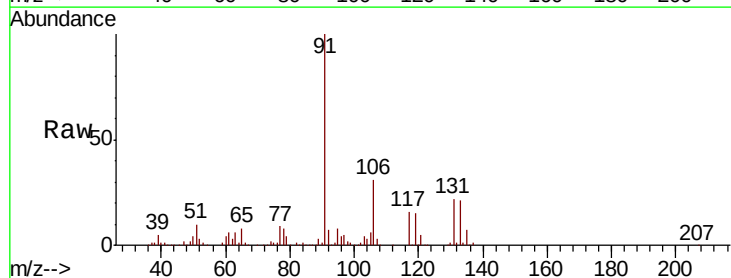
Instrument :
MSVOA_N
ClientSampled :
VN0814WBS02

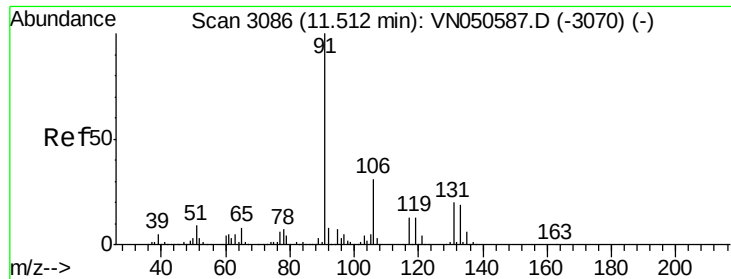
Tgt Ion:112 Resp: 410555
Ion Ratio Lower Upper
112 100
114 32.5 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.938 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN050619.D
Acq: 14 Aug 2018 23:00

Tgt Ion:131 Resp: 153740
Ion Ratio Lower Upper
131 100
133 94.7 47.6 142.9
119 65.7 33.1 99.3





#67

Ethyl Benzene

Concen: 20.401 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VN050619.D

Acq: 14 Aug 2018 23:00

Instrument :

MSVOA_N

ClientSampleId :

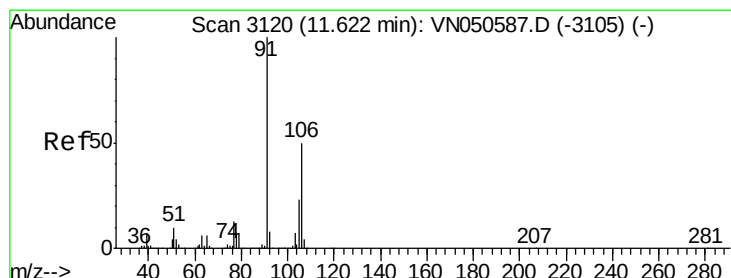
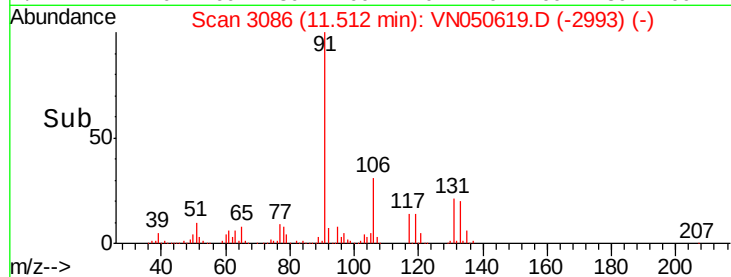
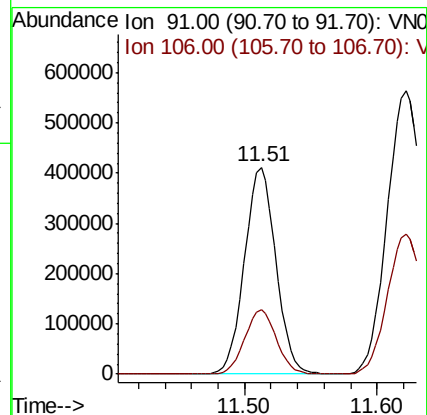
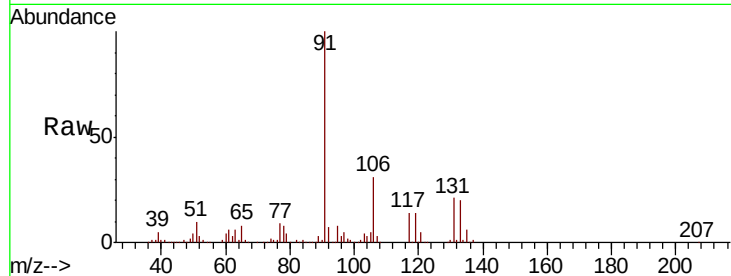
VN0814WBS02

Tgt Ion: 91 Resp: 677588

Ion Ratio Lower Upper

91 100

106 31.0 24.8 37.2



#68

m/p-Xylenes

Concen: 41.881 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. -0.00 min

Lab File: VN050619.D

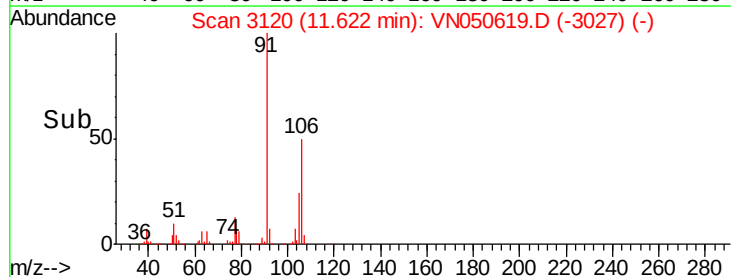
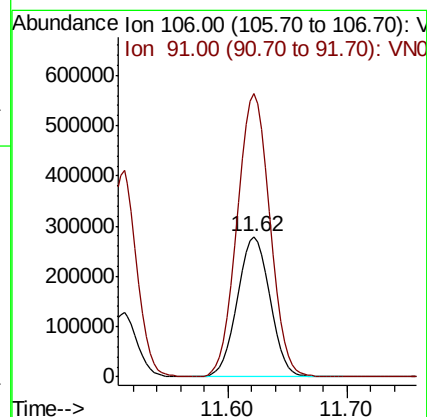
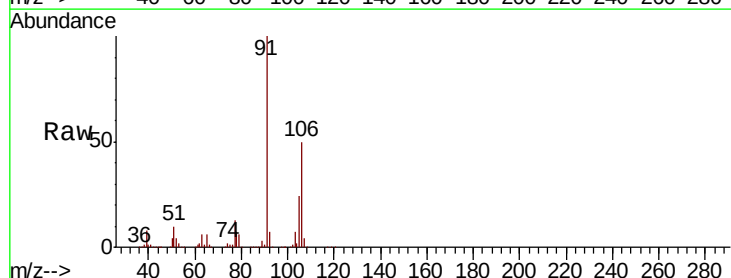
Acq: 14 Aug 2018 23:00

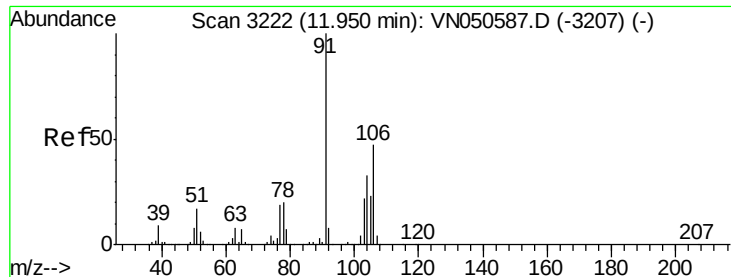
Tgt Ion: 106 Resp: 532026

Ion Ratio Lower Upper

106 100

91 202.0 161.5 242.3

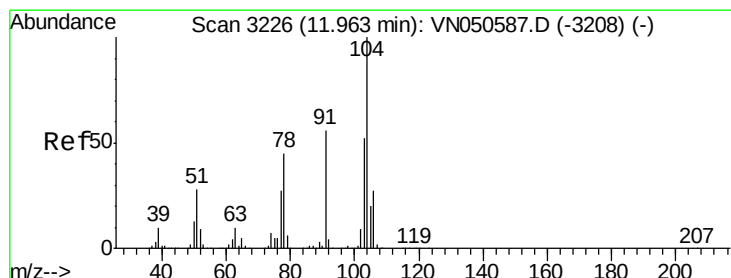
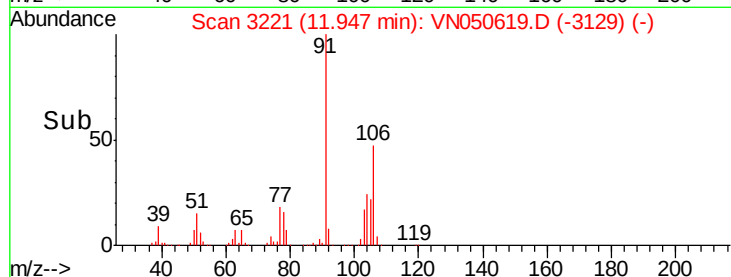
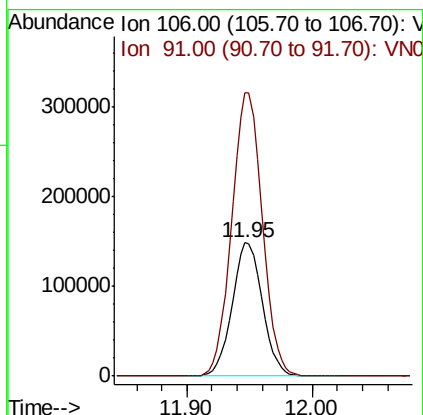
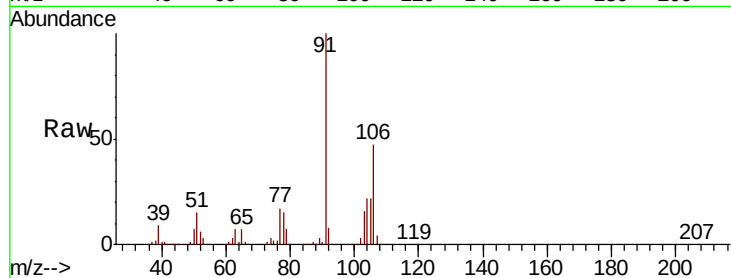




#69
o-Xylene
Concen: 20.578 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN050619.D
Acq: 14 Aug 2018 23:00

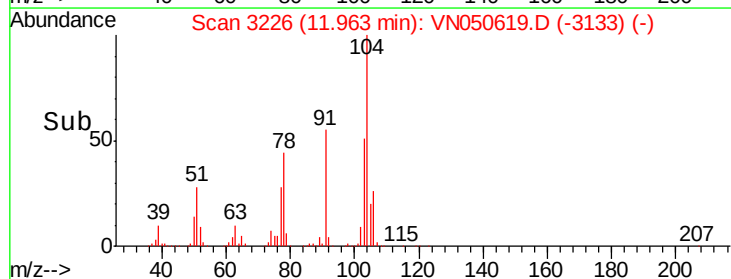
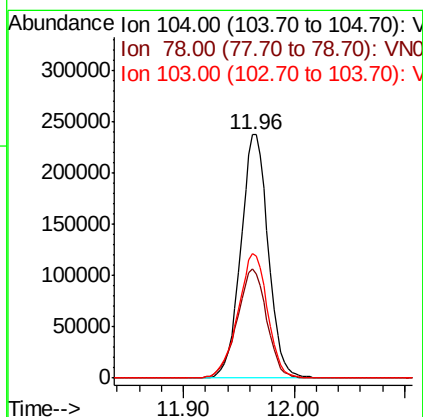
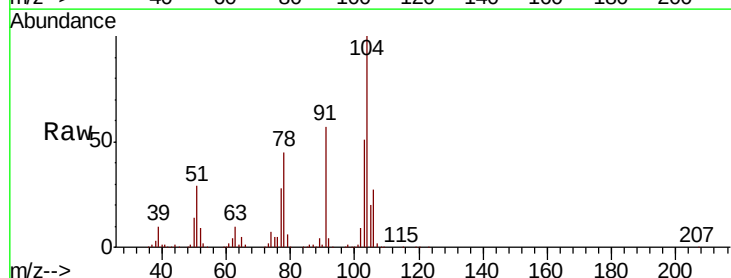
Instrument :
MSVOA_N
ClientSampled :
VN0814WBS02

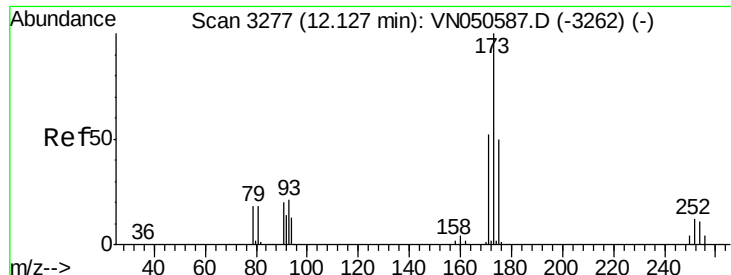
Tgt Ion:106 Resp: 249256
Ion Ratio Lower Upper
106 100
91 215.0 106.8 320.4



#70
Styrene
Concen: 19.501 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VN050619.D
Acq: 14 Aug 2018 23:00

Tgt Ion:104 Resp: 407483
Ion Ratio Lower Upper
104 100
78 48.5 39.1 58.7
103 55.4 44.9 67.3

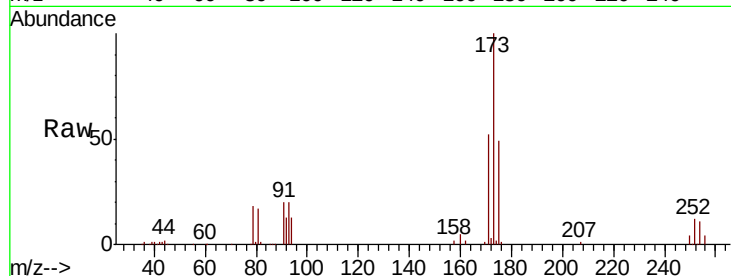




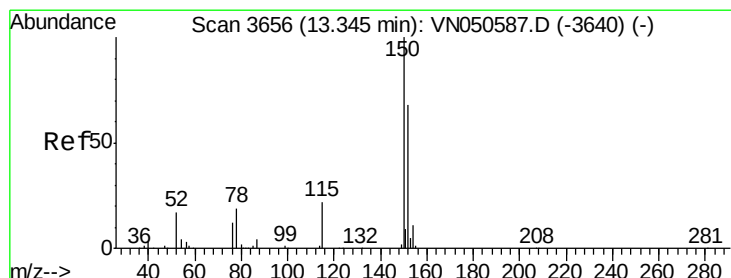
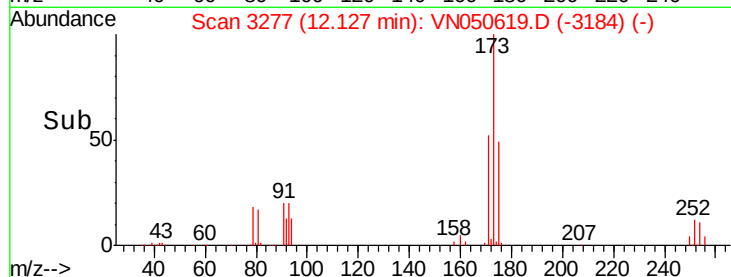
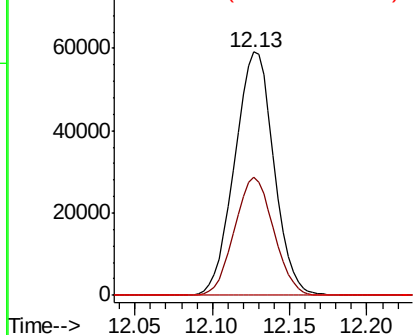
#71
Bromoform
Concen: 20.395 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. -0.00 min
Lab File: VN050619.D
Acq: 14 Aug 2018 23:00

Instrument :
MSVOA_N
ClientSampleId :
VN0814WBS02

Tgt Ion:173 Resp: 104280
Ion Ratio Lower Upper
173 100
175 48.3 24.4 73.2
254 0.1 0.0 0.0#

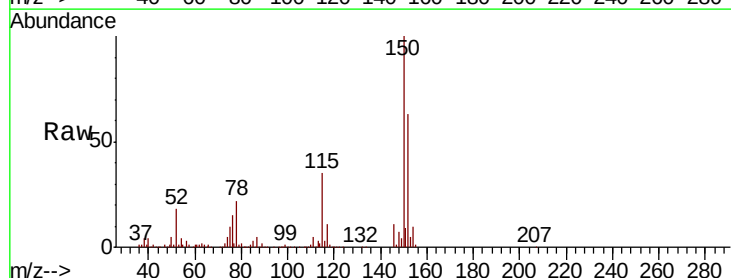


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

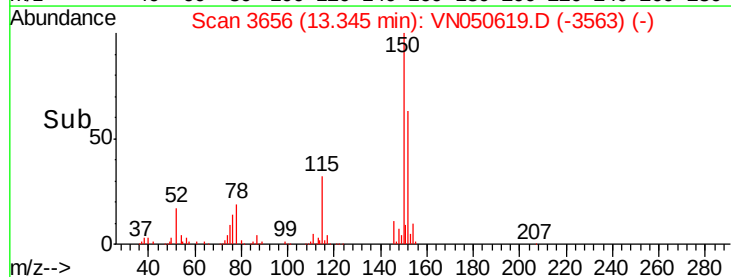
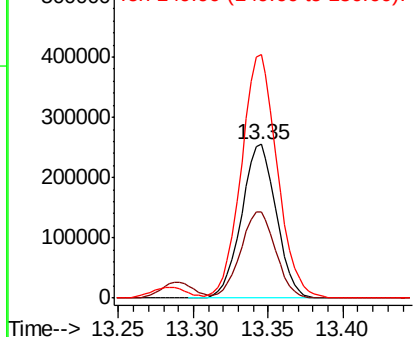


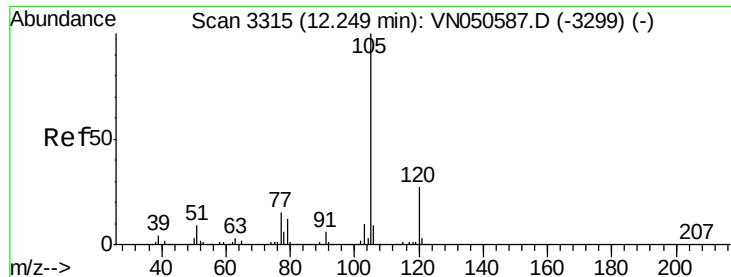
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050619.D
Acq: 14 Aug 2018 23:00

Tgt Ion:152 Resp: 411932
Ion Ratio Lower Upper
152 100
115 56.6 28.1 84.2
150 164.3 0.0 347.8



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





#73

Isopropylbenzene

Concen: 20.713 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050619.D

Acq: 14 Aug 2018 23:00

Instrument :

MSVOA_N

ClientSampleId :

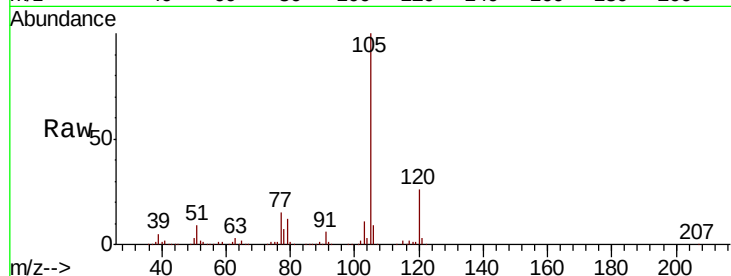
VN0814WBS02

Tgt Ion:105 Resp: 666632

Ion Ratio Lower Upper

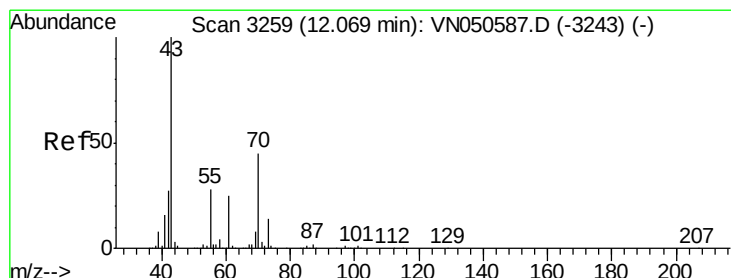
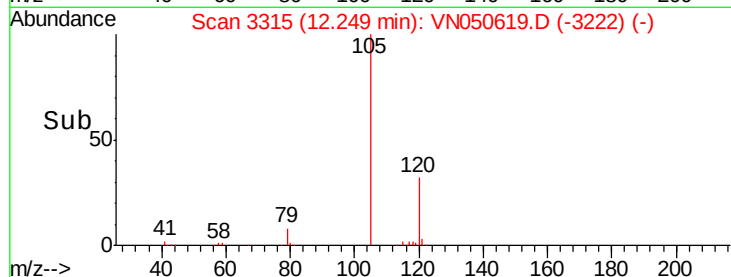
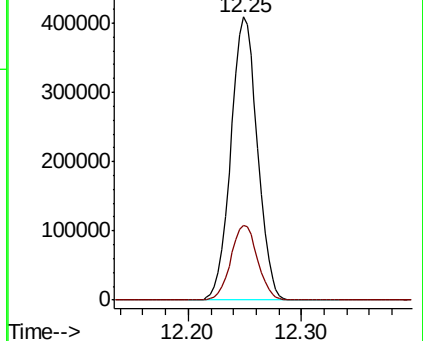
105 100

120 26.6 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-amyl acetate

Concen: 20.120 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN050619.D

Acq: 14 Aug 2018 23:00

Tgt Ion: 43 Resp: 168474

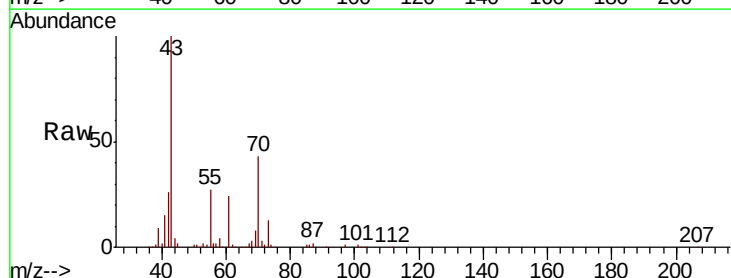
Ion Ratio Lower Upper

43 100

70 43.2 35.9 53.9

55 28.3 22.2 33.4

61 24.7 20.0 30.0

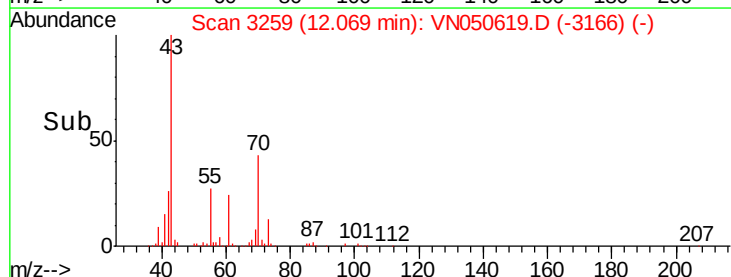
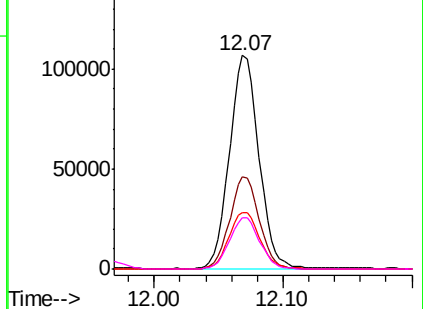


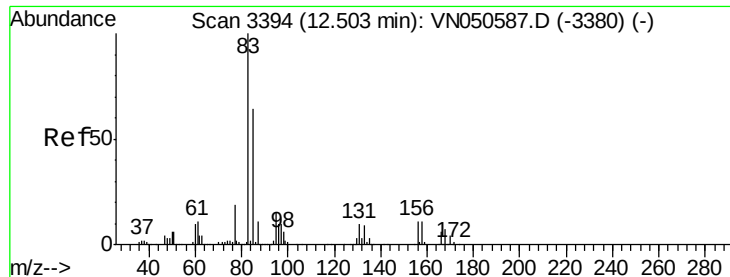
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 21.378 ug/l

RT: 12.50 min Scan# 3394

Delta R.T. 0.00 min

Lab File: VN050619.D

Acq: 14 Aug 2018 23:00

Instrument :

MSVOA_N

ClientSampled :

VN0814WBS02

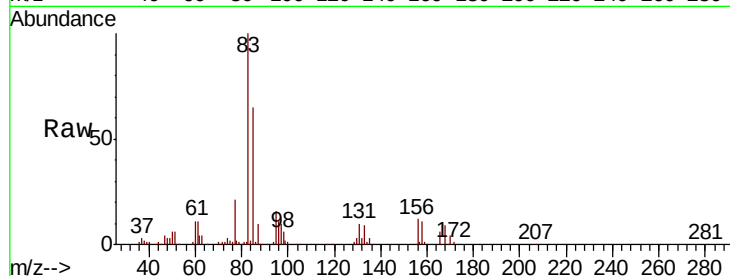
Tgt Ion: 83 Resp: 169682

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.9

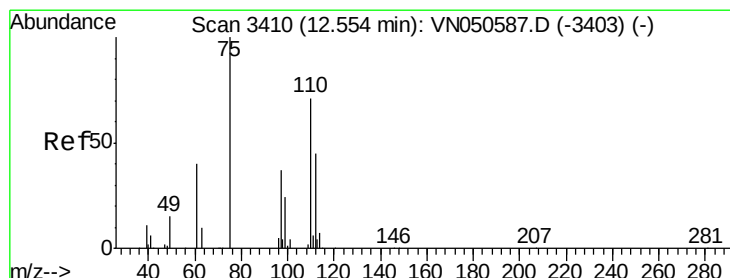
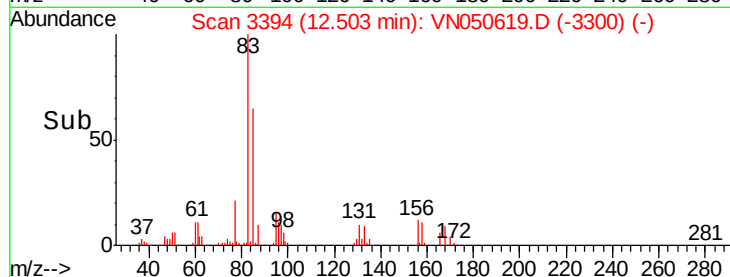
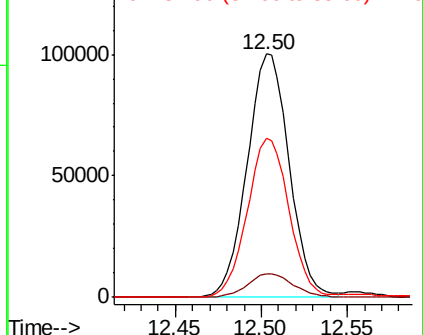
85 64.9 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 28.243 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN050619.D

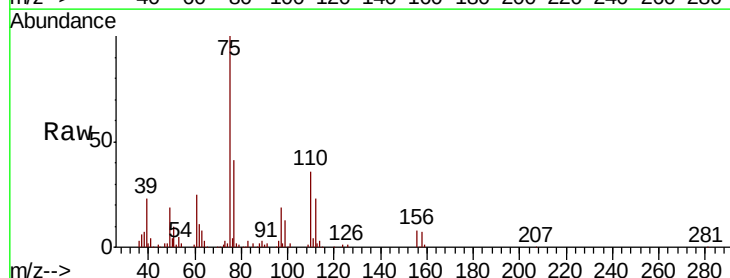
Acq: 14 Aug 2018 23:00

Tgt Ion: 75 Resp: 190945

Ion Ratio Lower Upper

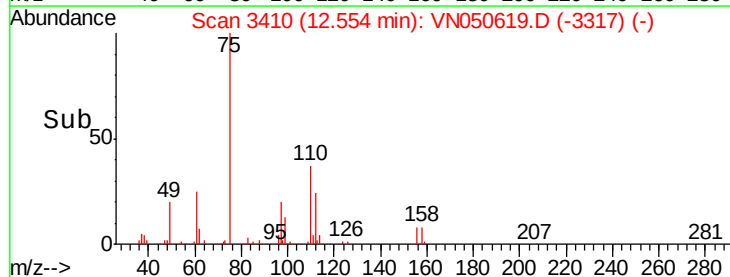
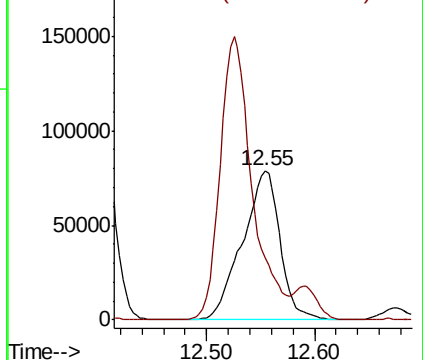
75 100

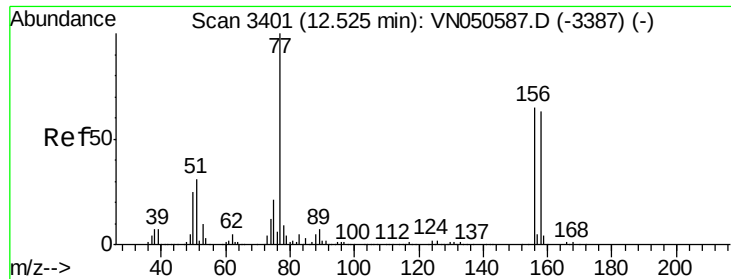
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.684 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN050619.D

Acq: 14 Aug 2018 23:00

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBS02

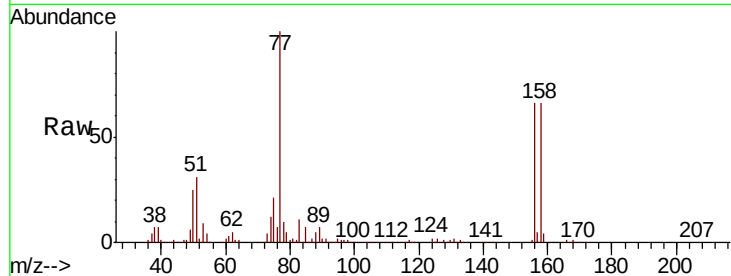
Tgt Ion:156 Resp: 172000

Ion Ratio Lower Upper

156 100

77 180.0 89.0 267.1

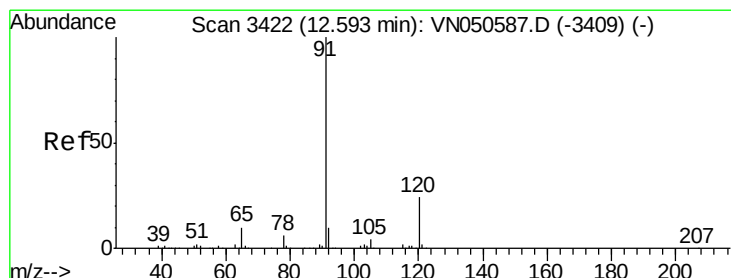
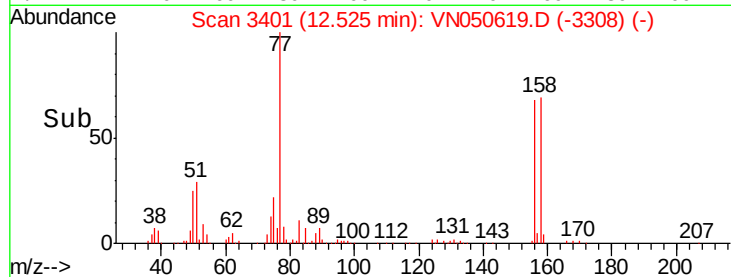
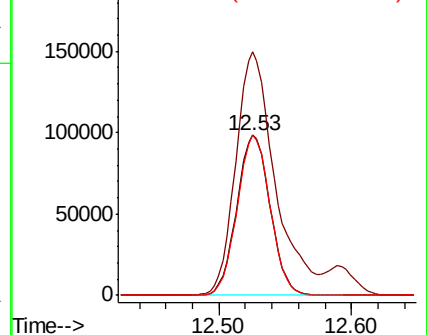
158 98.8 48.5 145.6



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: 20.876 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN050619.D

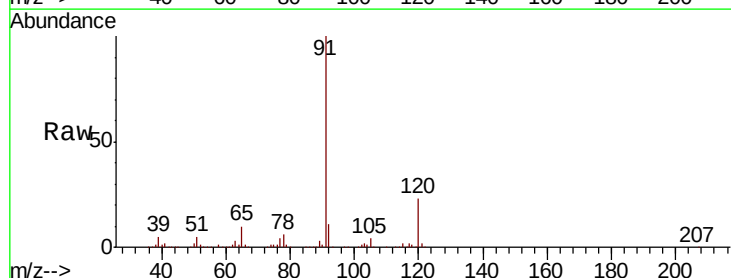
Acq: 14 Aug 2018 23:00

Tgt Ion: 91 Resp: 749203

Ion Ratio Lower Upper

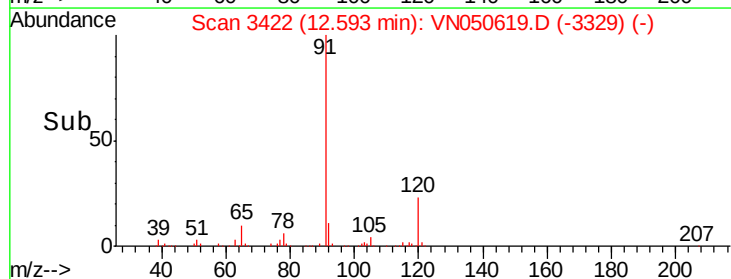
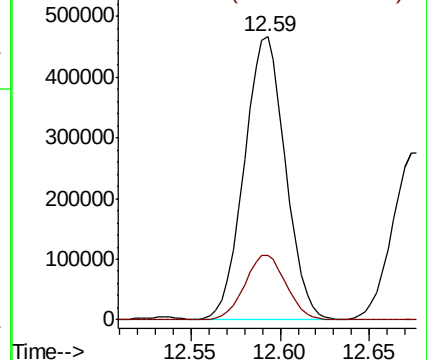
91 100

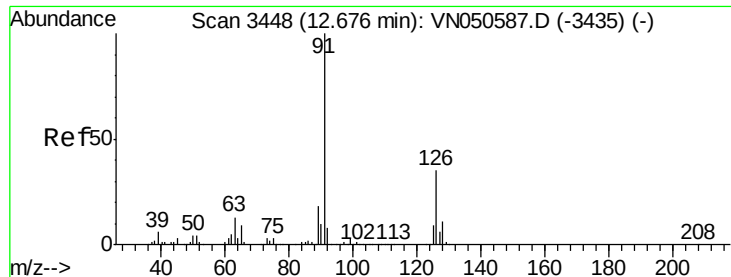
120 23.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.462 ug/l

RT: 12.67 min Scan# 3447

Delta R.T. -0.00 min

Lab File: VN050619.D

Acq: 14 Aug 2018 23:00

Instrument :

MSVOA_N

ClientSampled :

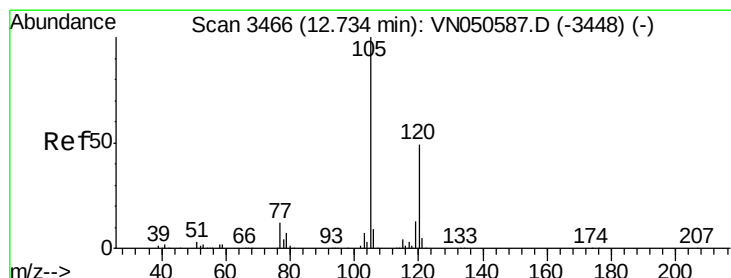
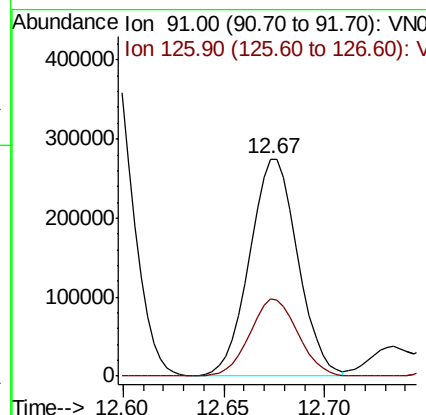
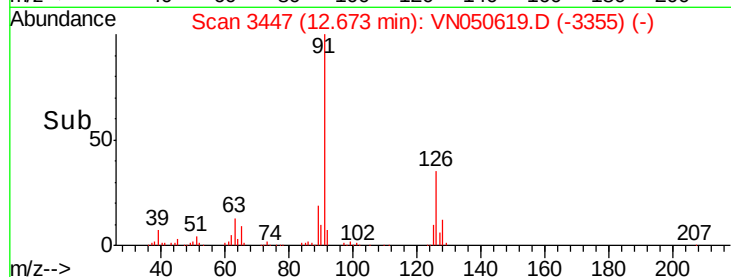
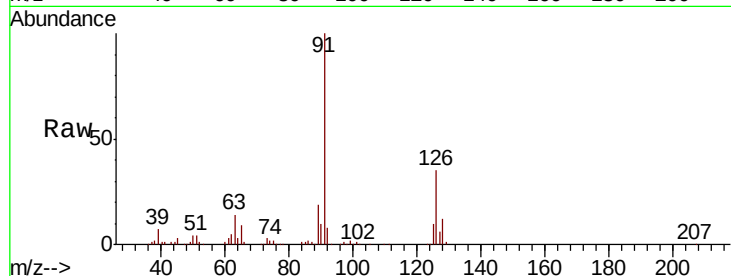
VN0814WBS02

Tgt Ion: 91 Resp: 457834

Ion Ratio Lower Upper

91 100

126 35.5 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 21.382 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN050619.D

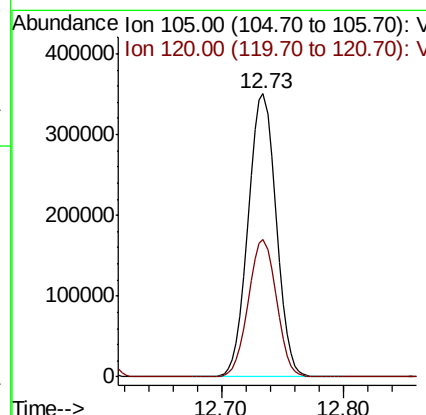
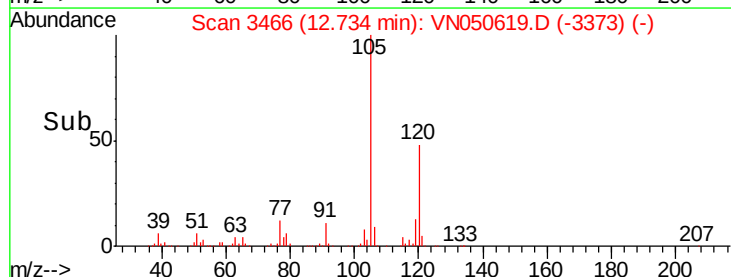
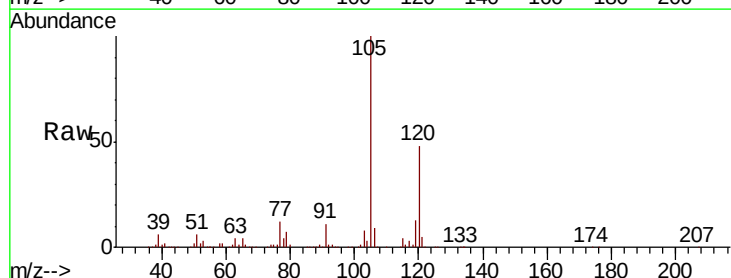
Acq: 14 Aug 2018 23:00

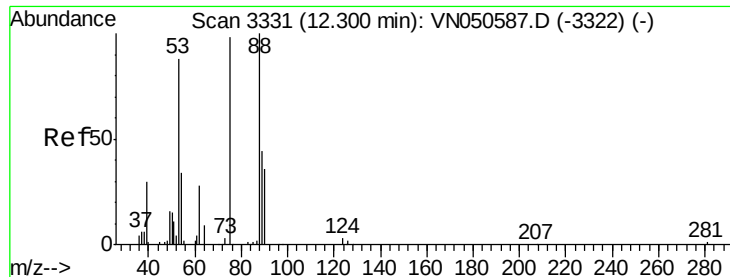
Tgt Ion: 105 Resp: 550981

Ion Ratio Lower Upper

105 100

120 48.8 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 20.013 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. -0.00 min

Lab File: VN050619.D

Acq: 14 Aug 2018 23:00

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBS02

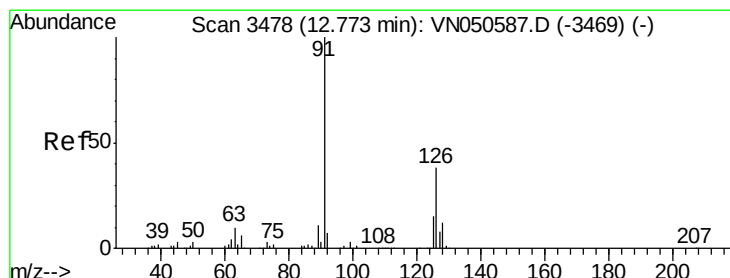
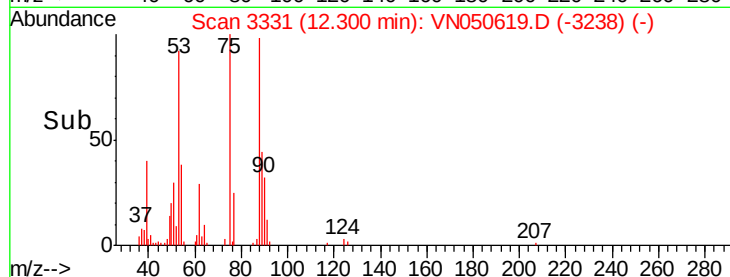
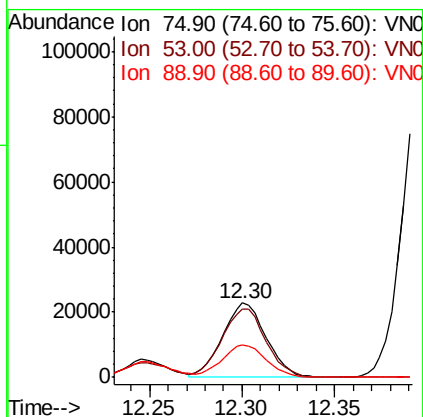
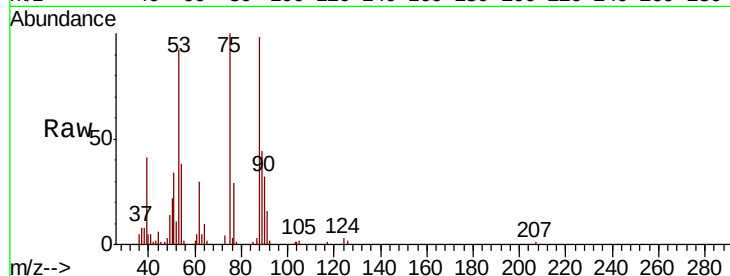
Tgt Ion: 75 Resp: 37081

Ion Ratio Lower Upper

75 100

53 93.7 72.2 108.2

89 44.3 36.3 54.5



#82

4-Chlorotoluene

Concen: 20.818 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. -0.00 min

Lab File: VN050619.D

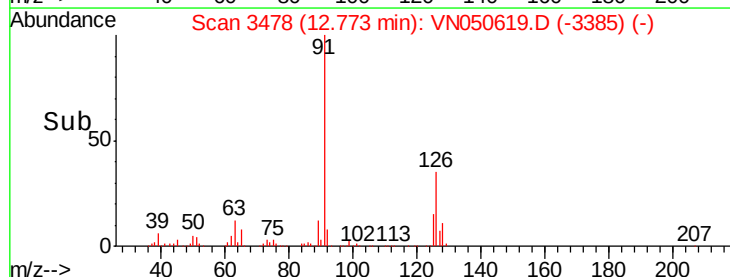
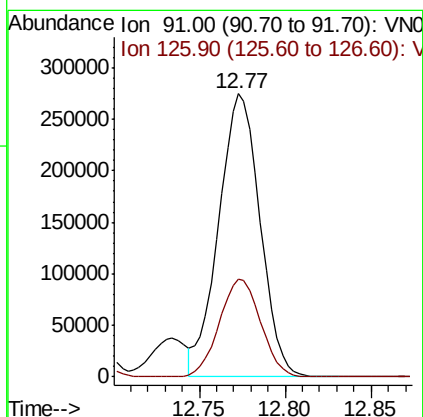
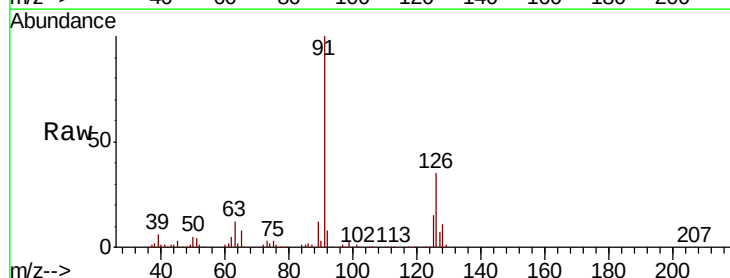
Acq: 14 Aug 2018 23:00

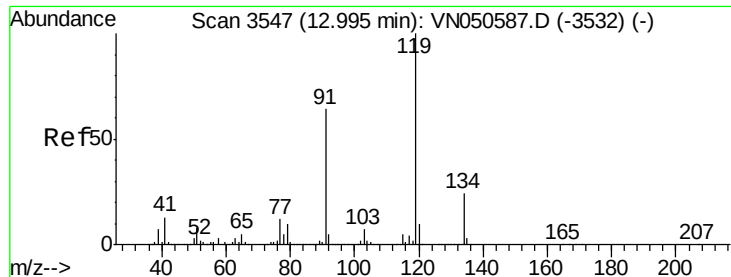
Tgt Ion: 91 Resp: 460304

Ion Ratio Lower Upper

91 100

126 34.5 17.3 52.0

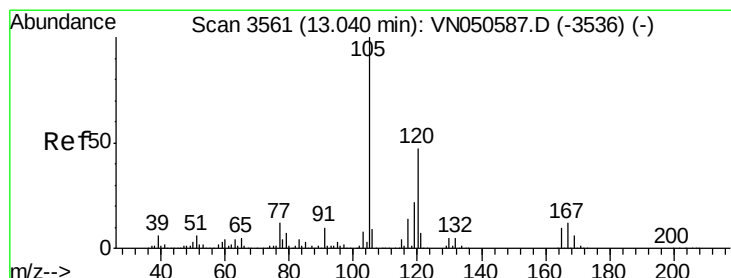
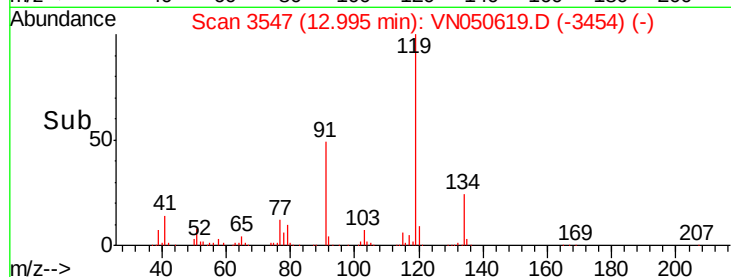
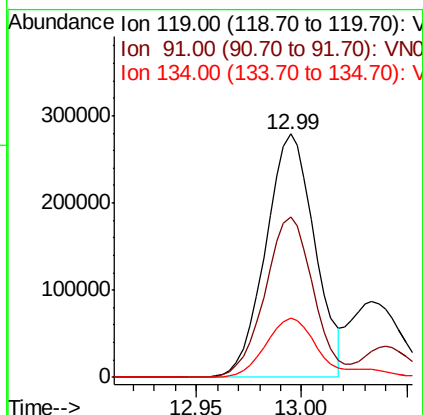
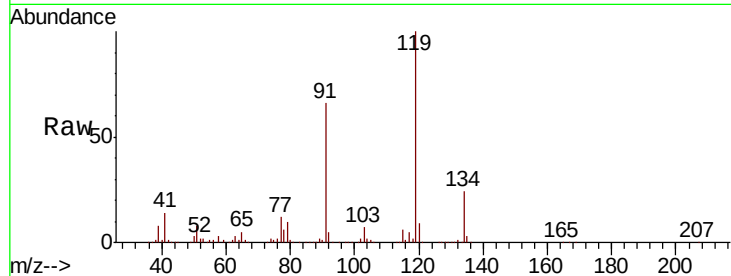




#83
 tert-Butylbenzene
 Concen: 20.208 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

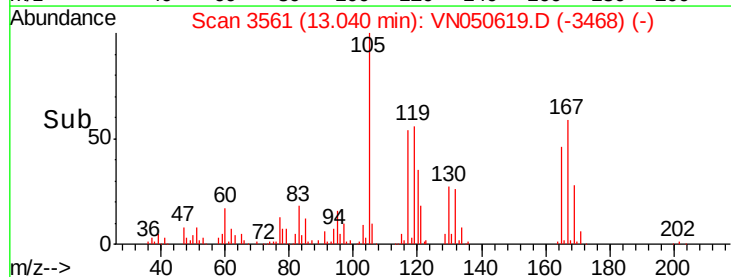
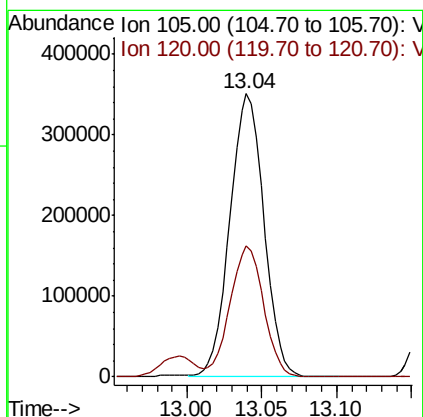
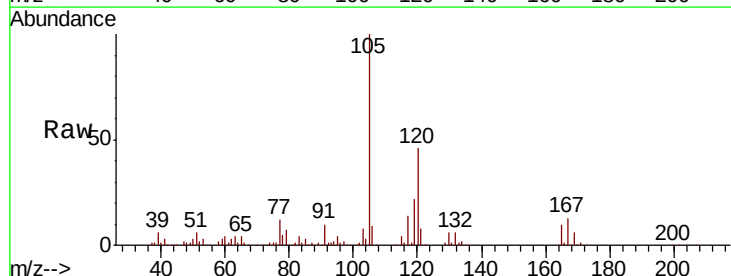
Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

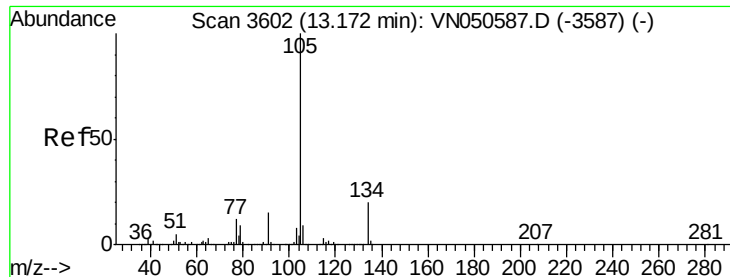
Tgt Ion:119 Resp: 452013
 Ion Ratio Lower Upper
 119 100
 91 65.4 32.2 96.6
 134 25.0 13.4 40.2



#84
 1,2,4-Trimethylbenzene
 Concen: 21.483 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion:105 Resp: 555625
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.2 69.5





#85

sec-Butylbenzene

Concen: 20.776 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. -0.00 min

Lab File: VN050619.D

Acq: 14 Aug 2018 23:00

Instrument :

MSVOA_N

ClientSampleId :

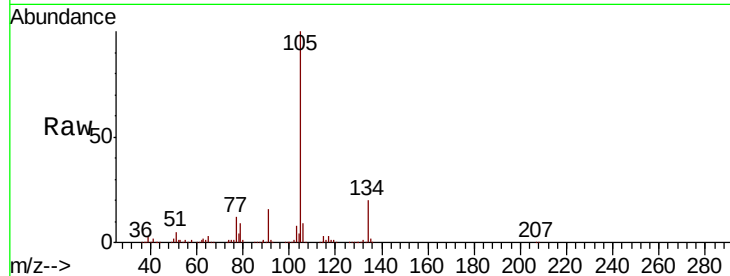
VN0814WBS02

Tgt Ion:105 Resp: 607325

Ion Ratio Lower Upper

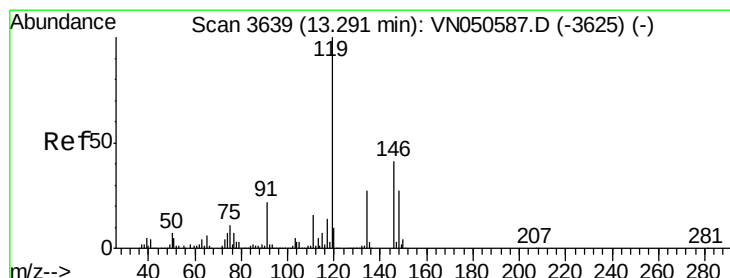
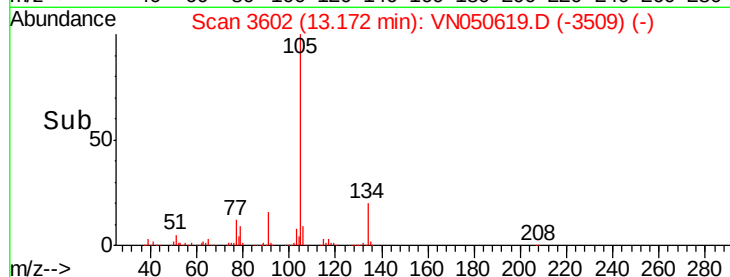
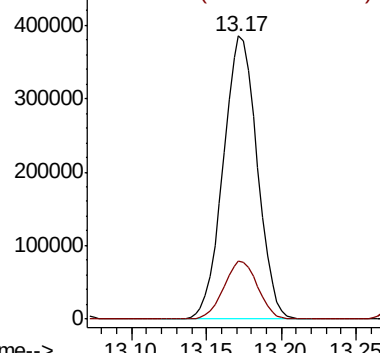
105 100

134 20.5 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.124 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN050619.D

Acq: 14 Aug 2018 23:00

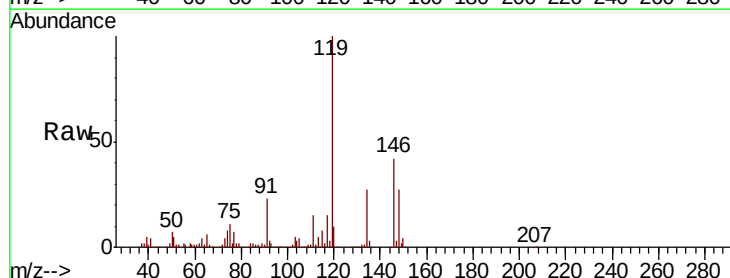
Tgt Ion:119 Resp: 523210

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

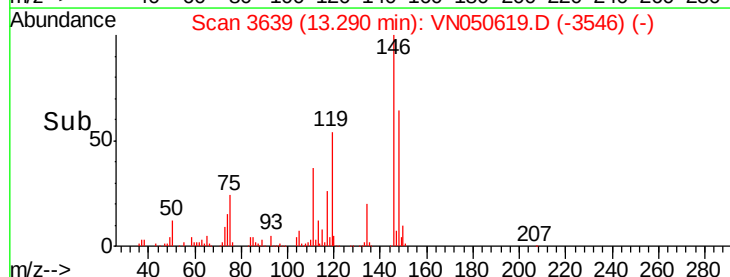
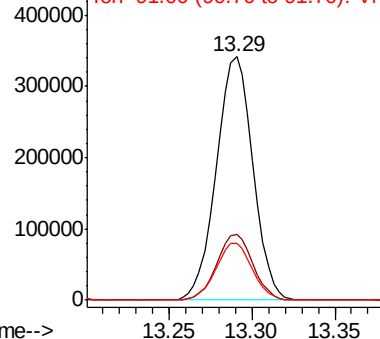
91 23.0 11.2 33.6

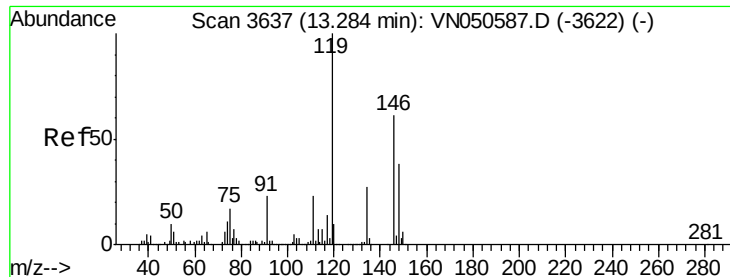


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

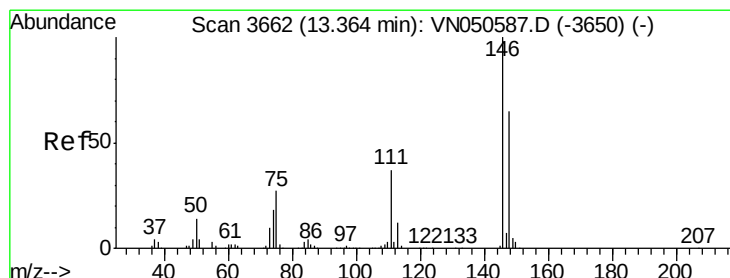
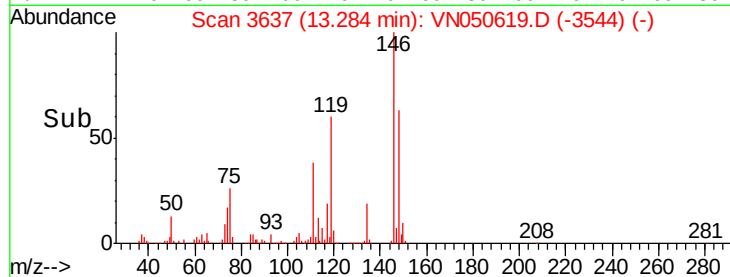
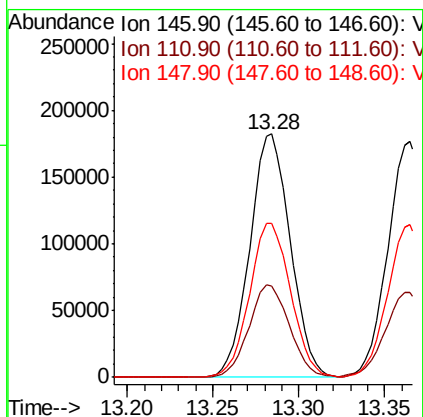
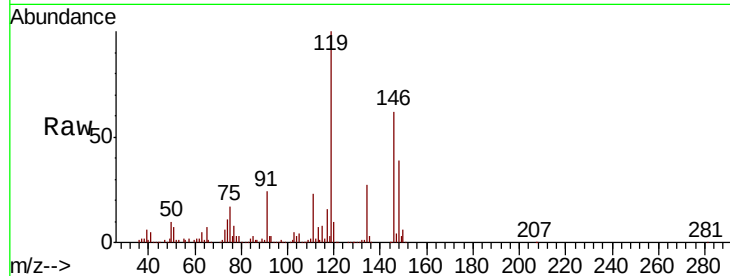




#87
 1,3-Dichlorobenzene
 Concen: 20.008 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

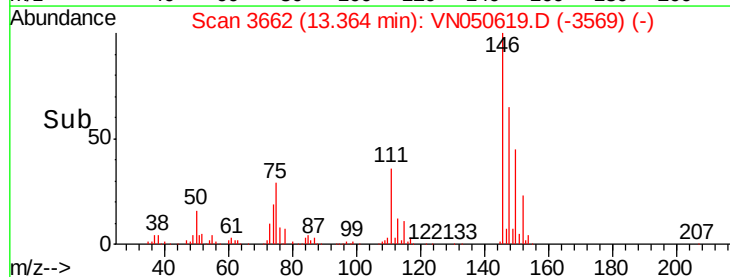
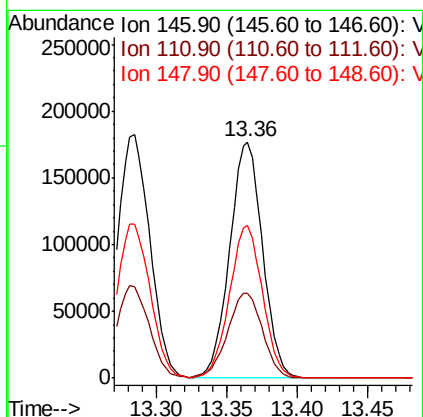
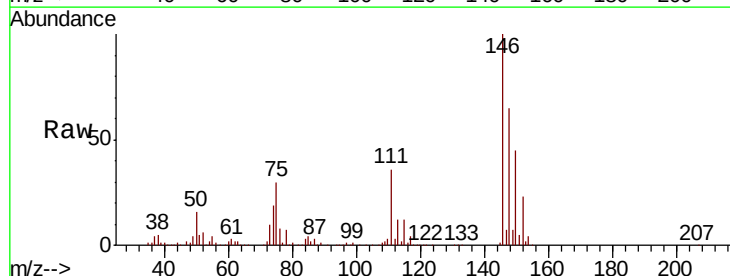
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS02

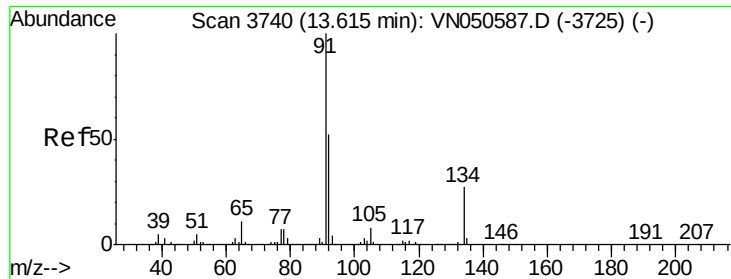
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.2	57.6
148	64.3	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.548 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.8	56.4
148	64.9	32.3	96.8





#89

n-Butylbenzene

Concen: 19.691 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. -0.00 min

Lab File: VN050619.D

Acq: 14 Aug 2018 23:00

Instrument :

MSVOA_N

ClientSampled :

VN0814WBS02

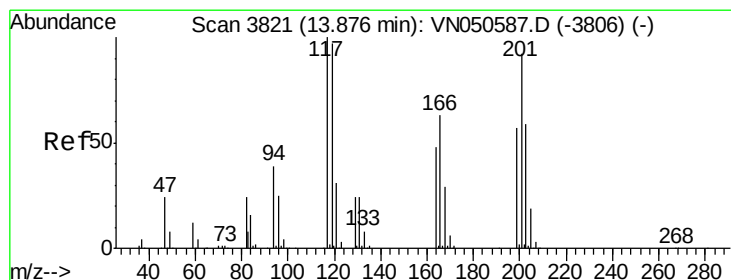
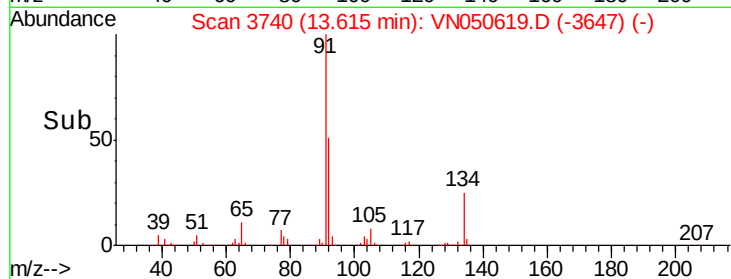
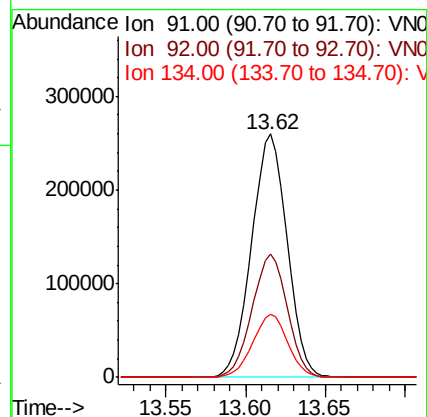
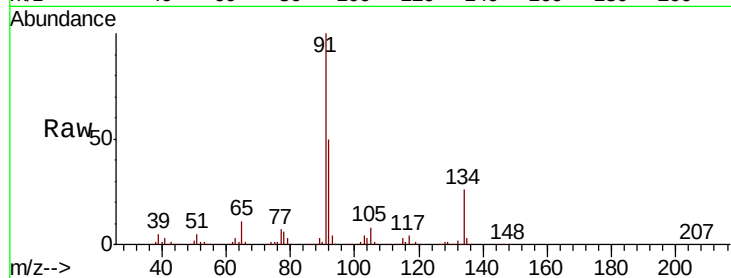
Tgt Ion: 91 Resp: 393853

Ion Ratio Lower Upper

91 100

92 50.2 26.3 78.8

134 25.5 13.3 39.9



#90

Hexachloroethane

Concen: 19.308 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. -0.00 min

Lab File: VN050619.D

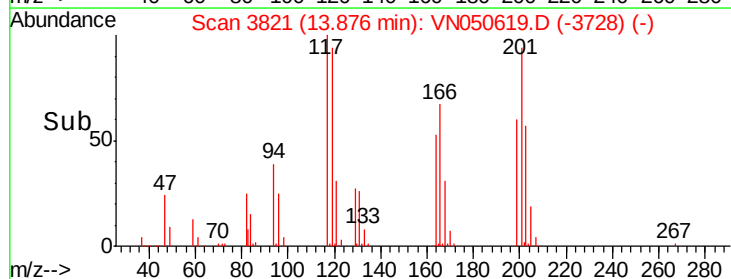
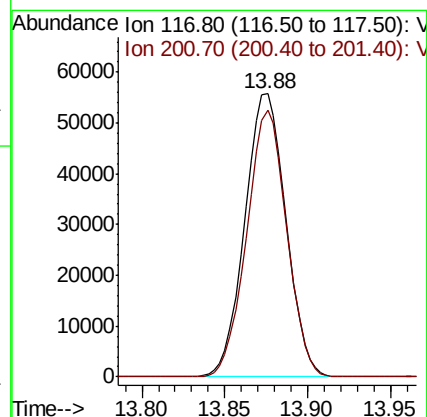
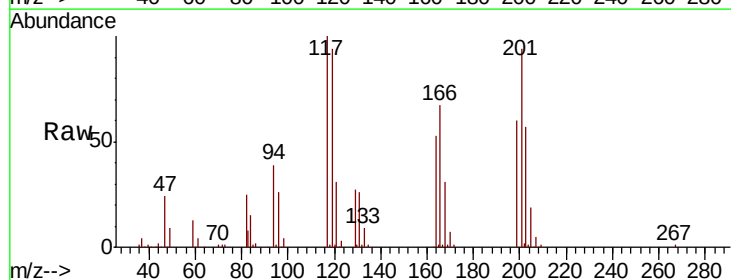
Acq: 14 Aug 2018 23:00

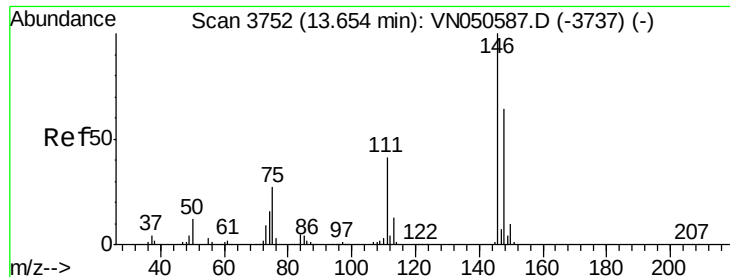
Tgt Ion: 117 Resp: 96165

Ion Ratio Lower Upper

117 100

201 91.3 45.5 136.5

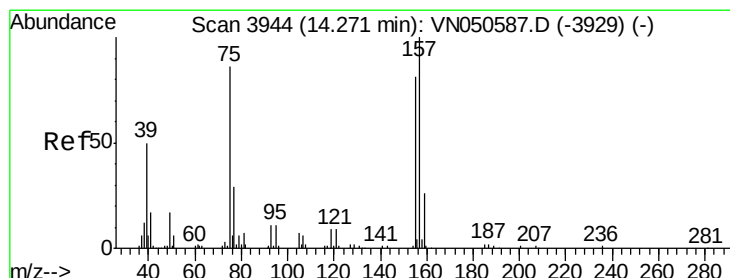
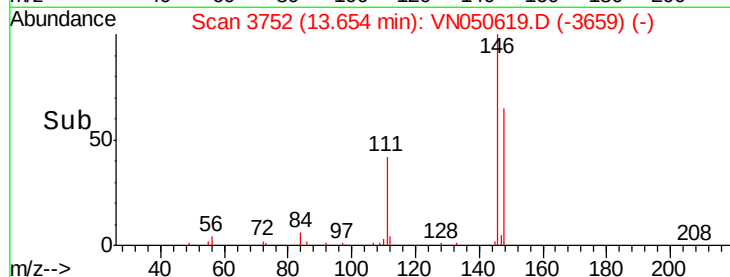
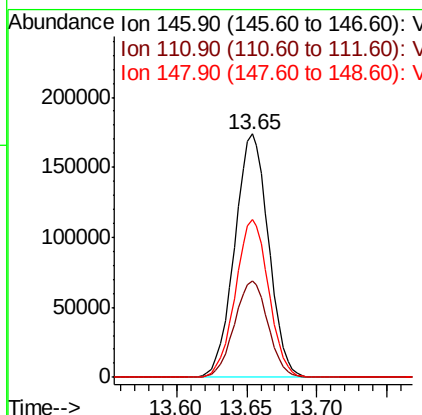
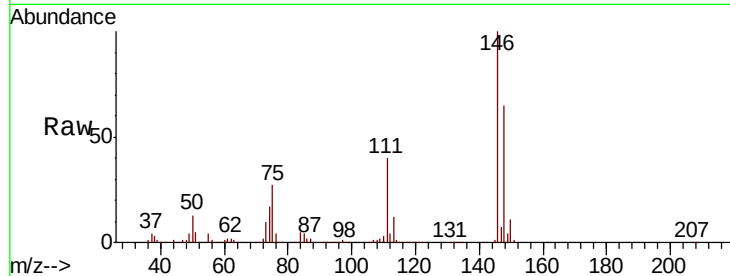




#91
 1,2-Dichlorobenzene
 Concen: 20.124 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

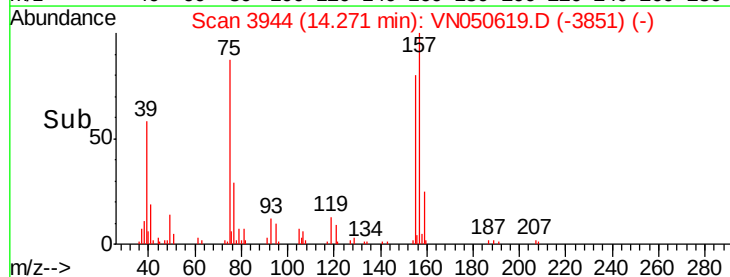
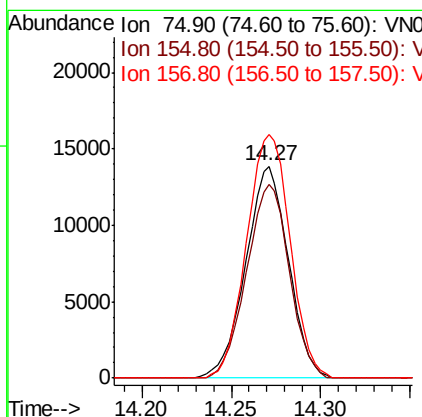
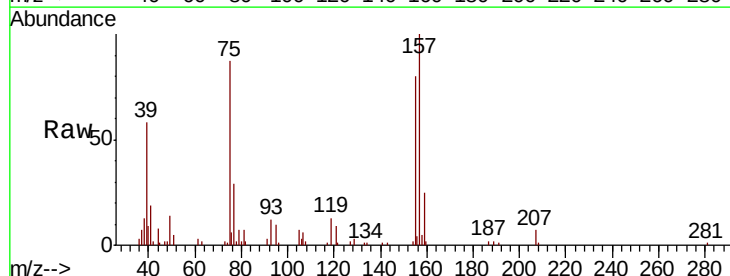
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS02

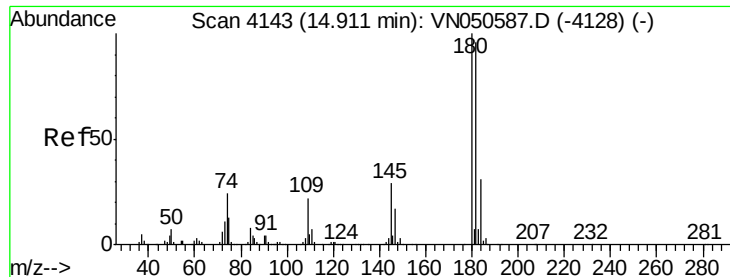
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.8	59.4
148	63.8	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.228 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.2	46.6	139.8
157	117.2	58.1	174.2

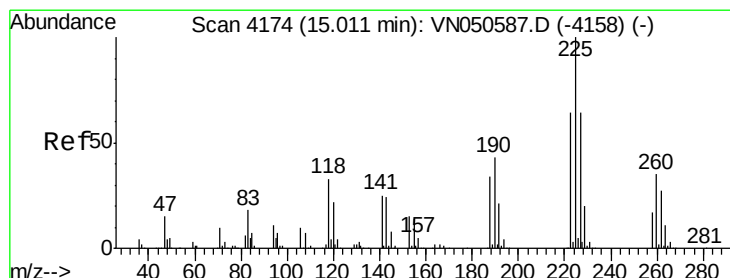
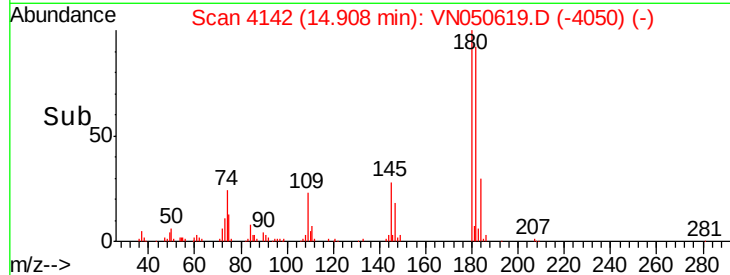
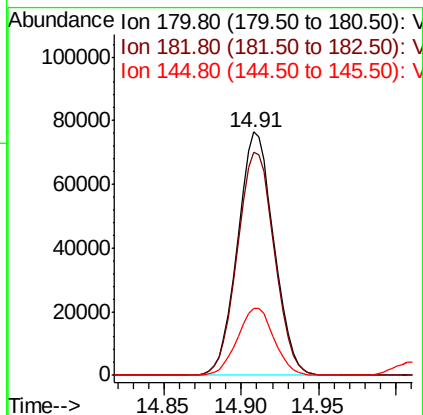
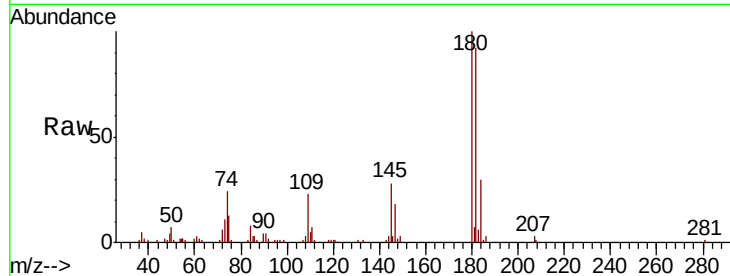




#93
 1,2,4-Trichlorobenzene
 Concen: 18.446 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

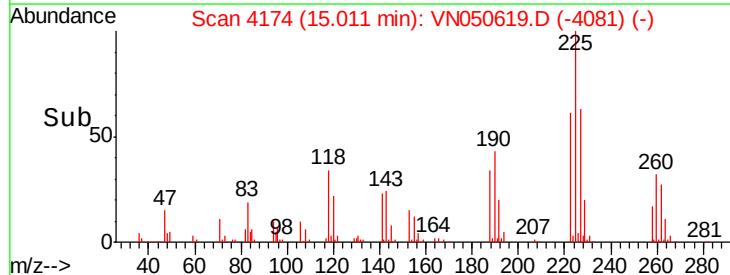
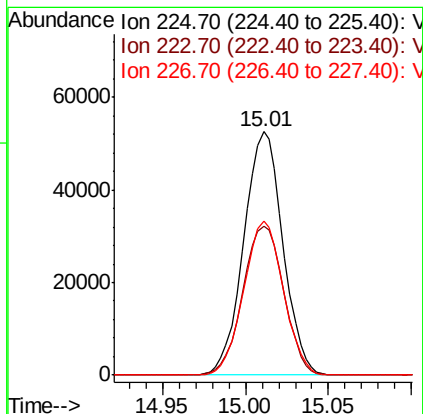
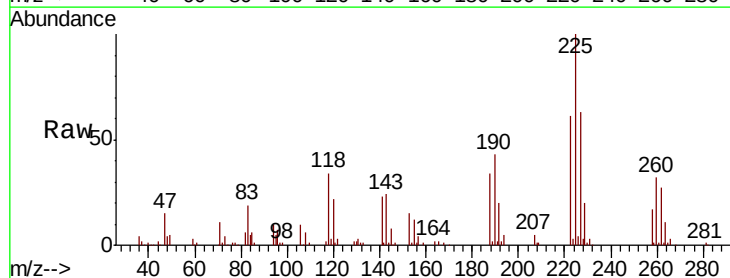
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS02

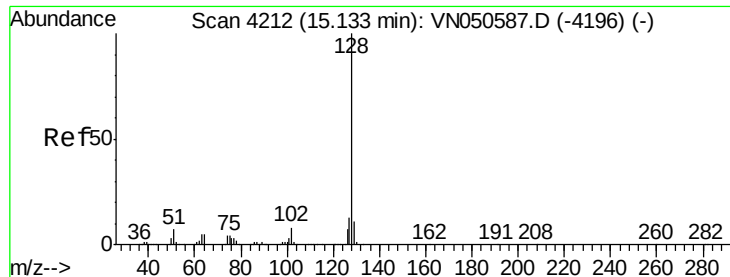
Tgt Ion:180 Resp: 124107
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.9 143.7
 145 27.9 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 19.372 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion:225 Resp: 86196
 Ion Ratio Lower Upper
 225 100
 223 64.0 32.1 96.3
 227 63.9 32.0 96.2

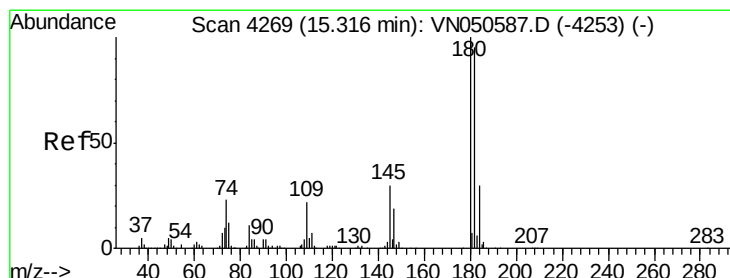
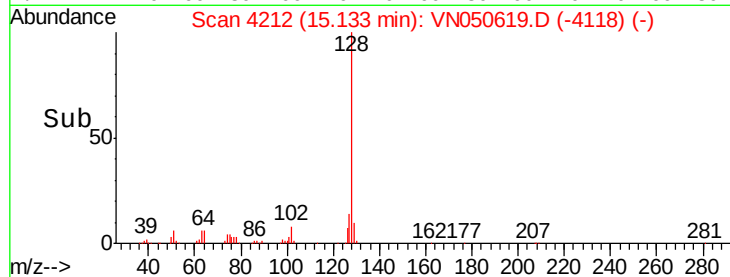
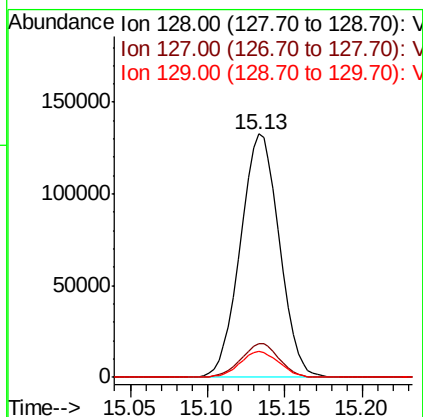
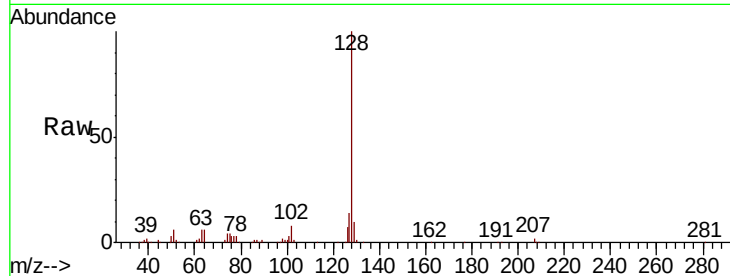




#95
Naphthalene
Concen: 17.406 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN050619.D
Acq: 14 Aug 2018 23:00

Instrument :
MSVOA_N
ClientSampleId :
VN0814WBS02

Tgt Ion:128 Resp: 232579
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 10.7 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 18.493 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. 0.00 min
Lab File: VN050619.D
Acq: 14 Aug 2018 23:00

Tgt Ion:180 Resp: 119812
Ion Ratio Lower Upper
180 100
182 97.6 47.3 141.8
145 30.1 14.6 44.0

