

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
 Data File : VN049815.D
 Acq On : 13 Jul 2018 23:56
 Operator : MD\SY
 Sample : VN0713WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBS02

Quant Time: Jul 14 01:38:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1101092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1655051	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1481365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	748153	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	655728	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	7.59	113	636960	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
50) Toluene-d8	10.09	98	2076081	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
62) 4-Bromofluorobenzene	12.40	95	725987	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	186369	18.72	ug/l	97
3) Chloromethane	2.06	50	250742	19.16	ug/l	99
4) Vinyl Chloride	2.18	62	283544	19.91	ug/l	97
5) Bromomethane	2.57	94	173154	19.25	ug/l	99
6) Chloroethane	2.71	64	185637	18.95	ug/l	100
7) Trichlorofluoromethane	3.02	101	400090	19.16	ug/l	98
8) Diethyl Ether	3.42	74	136520	18.25	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	251680	18.57	ug/l	99
10) Methyl Iodide	3.96	142	314854	18.28	ug/l	98
11) Tert butyl alcohol	4.80	59	75579	88.16	ug/l #	72
12) 1,1-Dichloroethene	3.74	96	221632	18.61	ug/l	97
13) Acrolein	3.61	56	54785	72.76	ug/l	97
14) Allyl chloride	4.33	41	342616	17.63	ug/l	98
15) Acrylonitrile	5.00	53	399331	93.01	ug/l	99
16) Acetone	3.82	43	286077	89.41	ug/l	98
17) Carbon Disulfide	4.06	76	562226	18.16	ug/l	99
18) Methyl Acetate	4.33	43	225989	20.69	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	616440	18.66	ug/l	99
20) Methylene Chloride	4.55	84	272799	20.21	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	236037	18.14	ug/l	100
22) Diisopropyl ether	5.96	45	797723	19.99	ug/l	98
23) Vinyl Acetate	5.90	43	2487274	92.99	ug/l	100
24) 1,1-Dichloroethane	5.85	63	483032	19.26	ug/l	100
25) 2-Butanone	6.84	43	441667	88.48	ug/l	98
26) 2,2-Dichloropropane	6.83	77	318230	15.29	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	281081	18.88	ug/l	97
28) Bromochloromethane	7.20	49	226210	19.83	ug/l	97
29) Tetrahydrofuran	7.22	42	283627	90.49	ug/l	99
30) Chloroform	7.38	83	504888	19.54	ug/l	98
31) Cyclohexane	7.66	56	370241	18.39	ug/l	96
32) 1,1,1-Trichloroethane	7.58	97	417562	19.03	ug/l	98
36) 1,1-Dichloropropene	7.80	75	342235	17.94	ug/l	99
37) Ethyl Acetate	6.93	43	208202	18.44	ug/l	98
38) Carbon Tetrachloride	7.78	117	367540	18.43	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
 Data File : VN049815.D
 Acq On : 13 Jul 2018 23:56
 Operator : MD\SY
 Sample : VN0713WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBS02

Quant Time: Jul 14 01:38:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	335994	16.71	ug/l	100
40) Benzene	8.04	78	1077631	18.89	ug/l	99
41) Methacrylonitrile	7.18	41	98284	15.39	ug/l #	86
42) 1,2-Dichloroethane	8.13	62	347414	18.62	ug/l	99
43) Isopropyl Acetate	8.17	43	462952	22.81	ug/l	94
44) Trichloroethene	8.84	130	278463	18.13	ug/l	99
45) 1,2-Dichloropropane	9.12	63	289513	18.88	ug/l	99
46) Dibromomethane	9.21	93	169535	18.62	ug/l	98
47) Bromodichloromethane	9.41	83	378156	18.86	ug/l	99
48) Methyl methacrylate	9.20	41	184102	18.15	ug/l	98
49) 1,4-Dioxane	9.20	88	46748	351.66	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	1039296	94.33	ug/l	100
52) Toluene	10.16	92	658401	19.28	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	341512	17.70	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	403095	18.35	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	247074	18.70	ug/l	96
56) Ethyl methacrylate	10.43	69	279269	18.12	ug/l	98
57) 1,3-Dichloropropane	10.71	76	404197	18.58	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	682600	92.34	ug/l	100
59) 2-Hexanone	10.75	43	645893	88.18	ug/l	98
60) Dibromochloromethane	10.90	129	284522	19.02	ug/l	99
61) 1,2-Dibromoethane	11.01	107	230543	18.55	ug/l	100
64) Tetrachloroethene	10.63	164	253111	18.82	ug/l	99
65) Chlorobenzene	11.44	112	725050	18.79	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	282057	19.43	ug/l	99
67) Ethyl Benzene	11.51	91	1183375	18.73	ug/l	99
68) m/p-Xylenes	11.62	106	916437	38.64	ug/l	100
69) o-Xylene	11.95	106	439206	19.17	ug/l	98
70) Styrene	11.97	104	717010	19.70	ug/l	100
71) Bromoform	12.13	173	187013	19.06	ug/l #	98
73) Isopropylbenzene	12.25	105	1192573	19.18	ug/l	99
74) N-amyl acetate	12.07	43	297514	18.39	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	302217	19.91	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	341113	25.67	ug/l #	100
77) Bromobenzene	12.53	156	311177	18.87	ug/l	97
78) n-propylbenzene	12.59	91	1331444	18.99	ug/l	100
79) 2-Chlorotoluene	12.68	91	828267	19.31	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	965149	19.53	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	70006	17.01	ug/l	98
82) 4-Chlorotoluene	12.78	91	812380	19.09	ug/l	98
83) tert-Butylbenzene	12.99	119	838428	18.96	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	985003	19.88	ug/l	100
85) sec-Butylbenzene	13.17	105	1122140	19.37	ug/l	100
86) p-Isopropyltoluene	13.29	119	941820	19.21	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	536078	18.75	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	513011	18.45	ug/l	99
89) n-Butylbenzene	13.62	91	724103	17.89	ug/l	98
90) Hexachloroethane	13.88	117	188282	19.33	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	527759	18.91	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	43369	19.44	ug/l	98

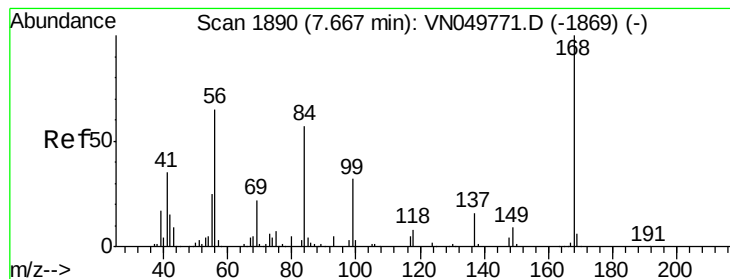
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
Data File : VN049815.D
Acq On : 13 Jul 2018 23:56
Operator : MD\SY
Sample : VN0713WBS02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS02

Quant Time: Jul 14 01:38:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 12 15:51:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	229846	17.01	ug/l	99
94) Hexachlorobutadiene	15.01	225	166808	18.86	ug/l	99
95) Naphthalene	15.14	128	443331	16.35	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	242482	17.91	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

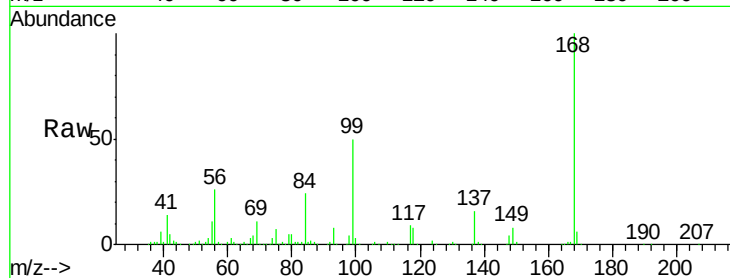
VN0713WBS02

Tot Ion:168 Resp: 1101092

Ion Ratio Lower Upper

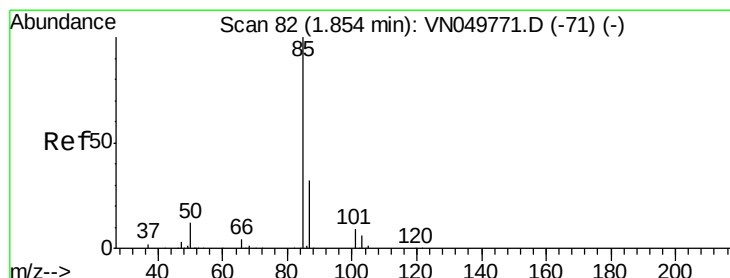
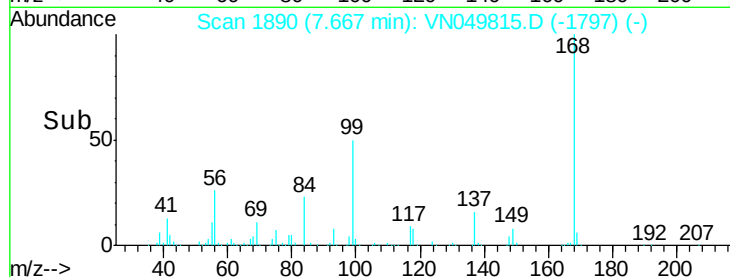
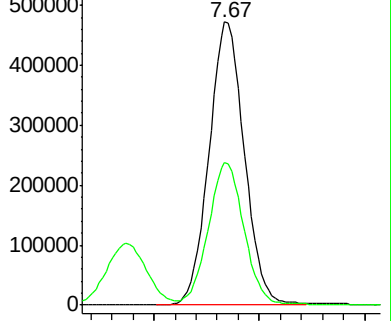
168 100

99 49.9 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 18.72 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN049815.D

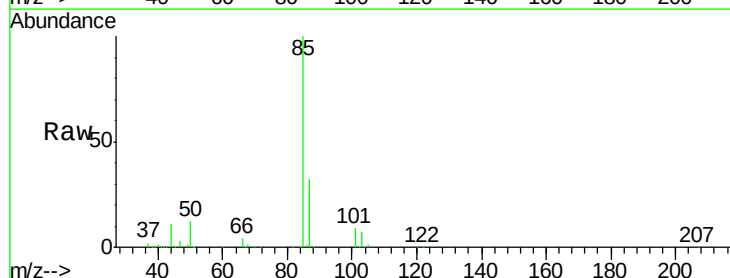
Acq: 13 Jul 2018 23:56

Tgt Ion: 85 Resp: 186369

Ion Ratio Lower Upper

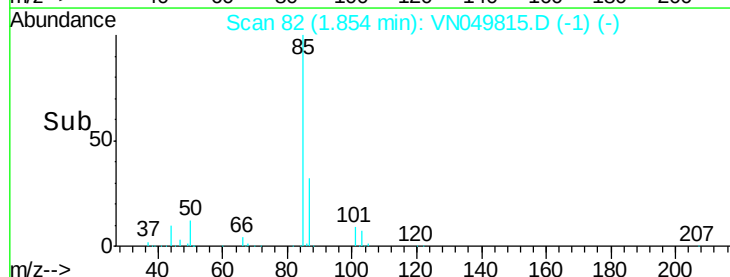
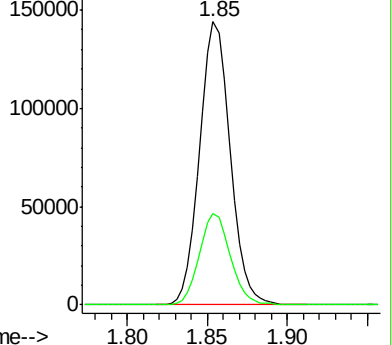
85 100

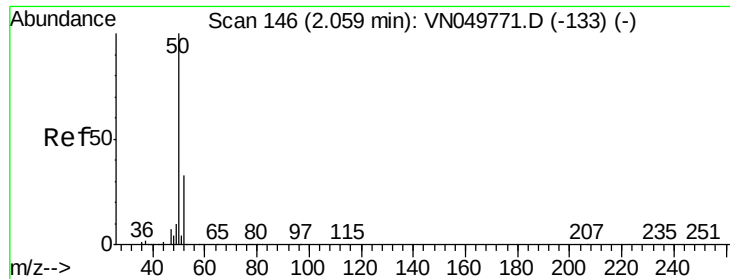
87 32.5 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 19.16 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

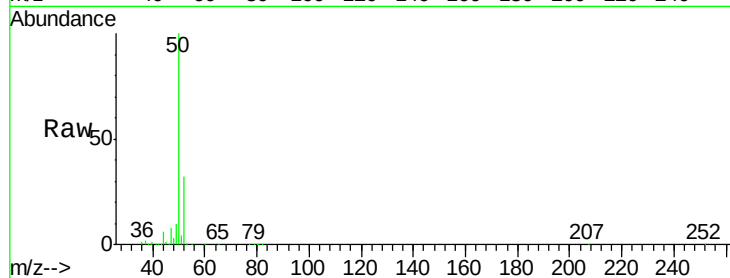
VN0713WBS02

Tot Ion: 50 Resp: 250742

Ion Ratio Lower Upper

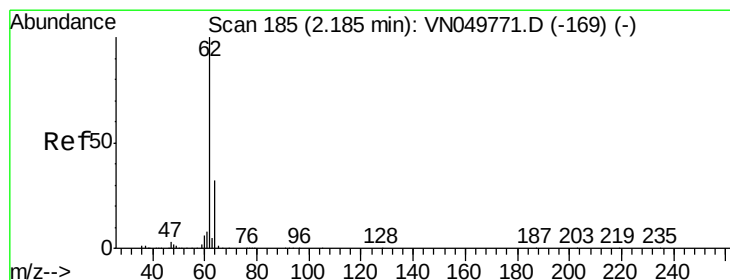
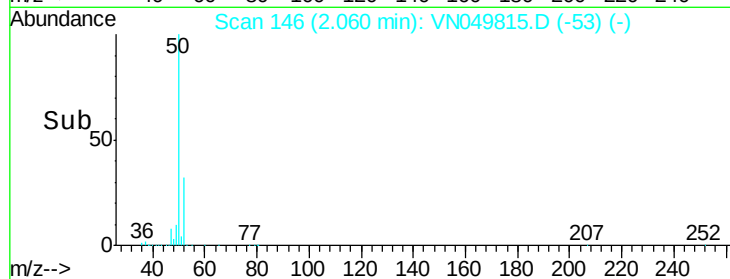
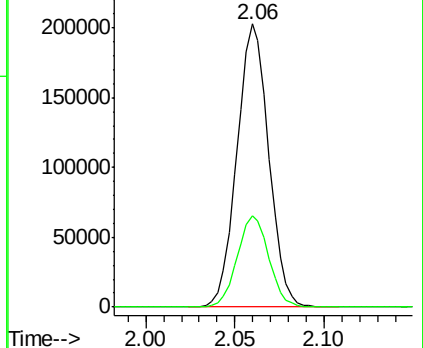
50 100

52 32.3 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.91 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049815.D

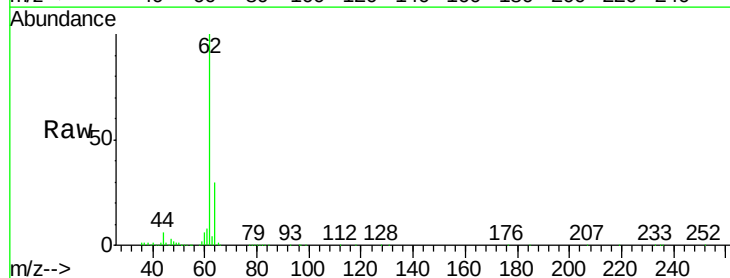
Acq: 13 Jul 2018 23:56

Tgt Ion: 62 Resp: 283544

Ion Ratio Lower Upper

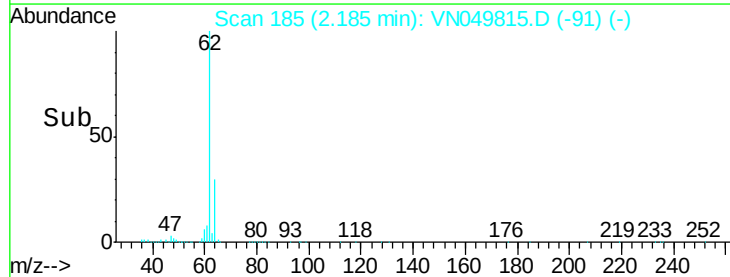
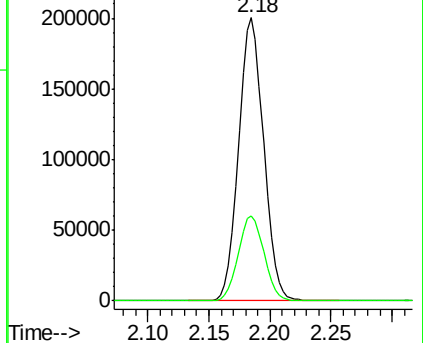
62 100

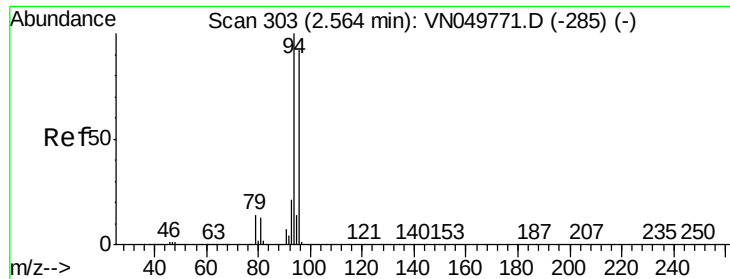
64 30.1 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 19.25 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

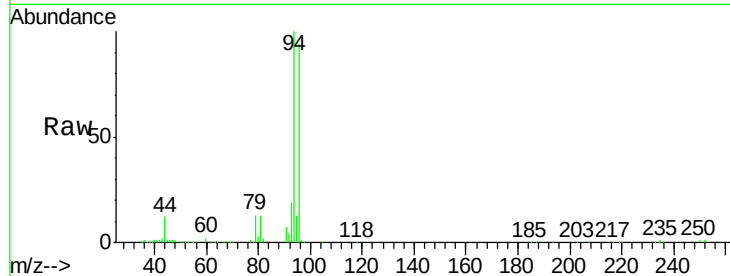
VN0713WBS02

Tot Ion: 94 Resp: 173154

Ion Ratio Lower Upper

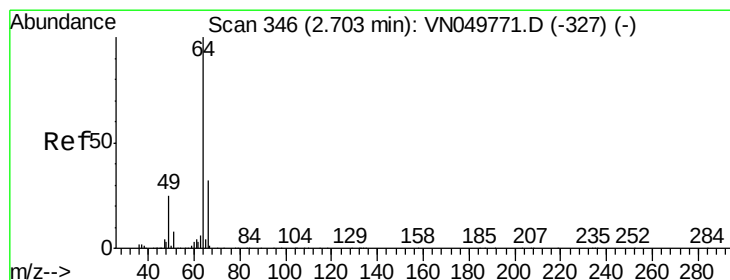
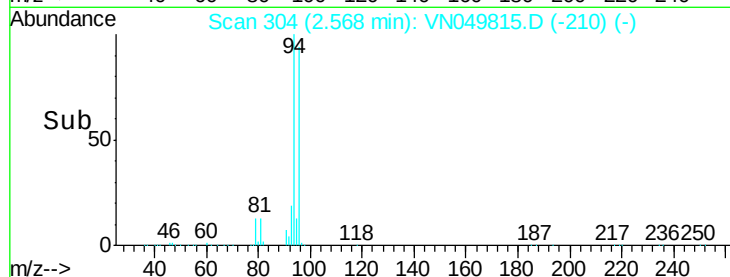
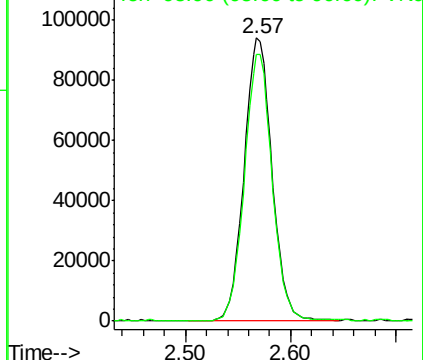
94 100

96 93.8 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.95 ug/l

RT: 2.71 min Scan# 347

Delta R.T. 0.00 min

Lab File: VN049815.D

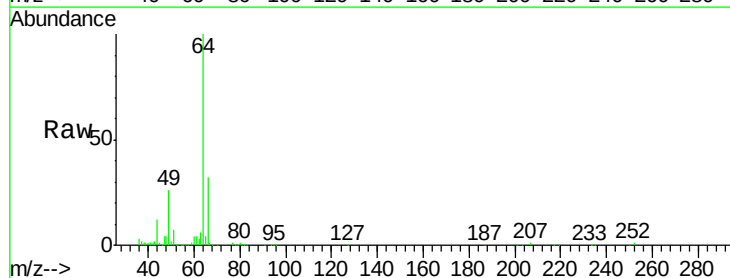
Acq: 13 Jul 2018 23:56

Tgt Ion: 64 Resp: 185637

Ion Ratio Lower Upper

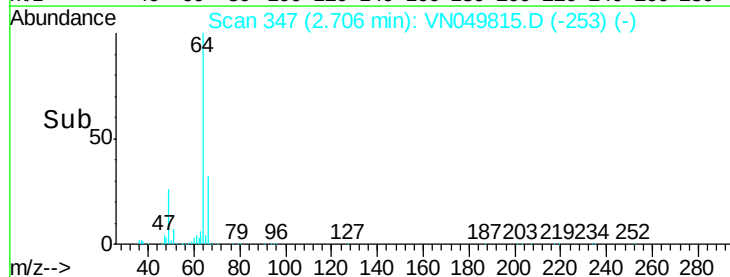
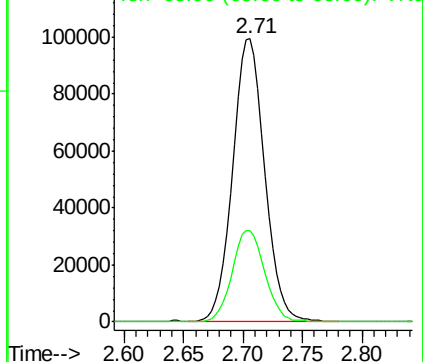
64 100

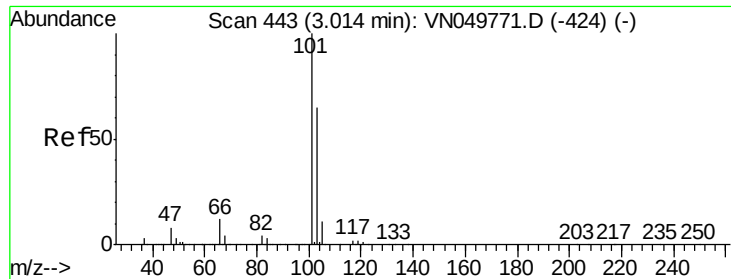
66 32.0 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



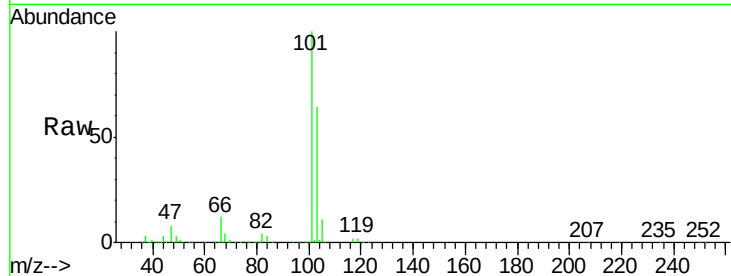


#7

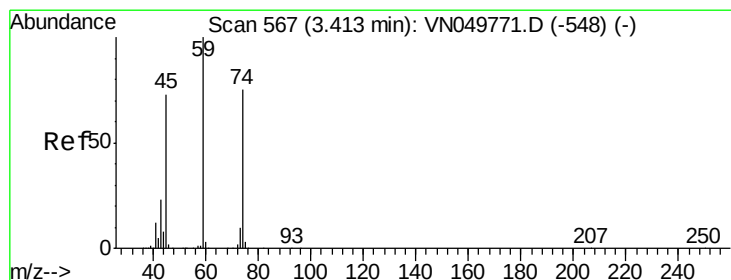
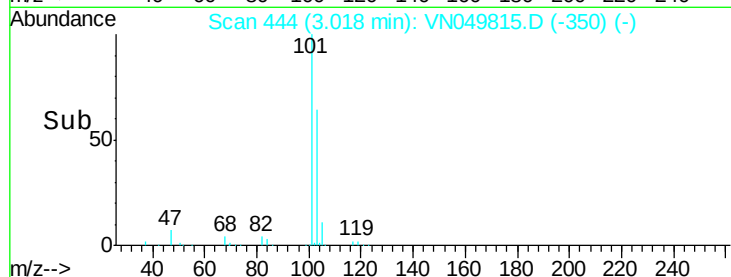
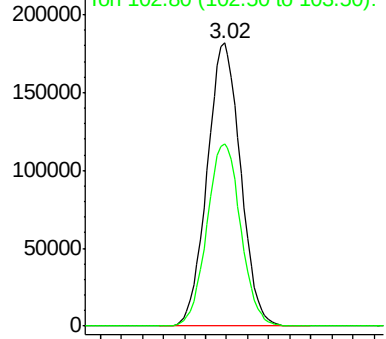
Trichlorofluoromethane
 Concen: 19.16 ug/l
 RT: 3.02 min Scan# 444
 Delta R.T. 0.00 min
 Lab File: VN049815.D
 Acq: 13 Jul 2018 23:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBS02

Tot Ion:101 Resp: 400090
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.8 79.2



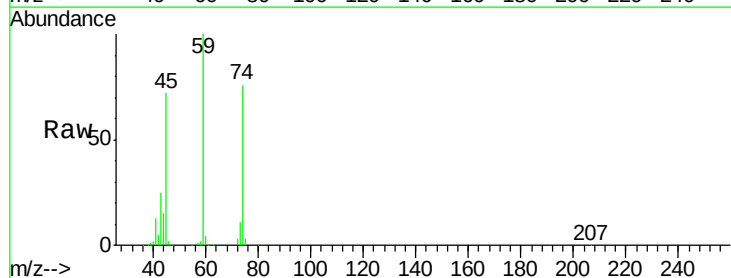
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



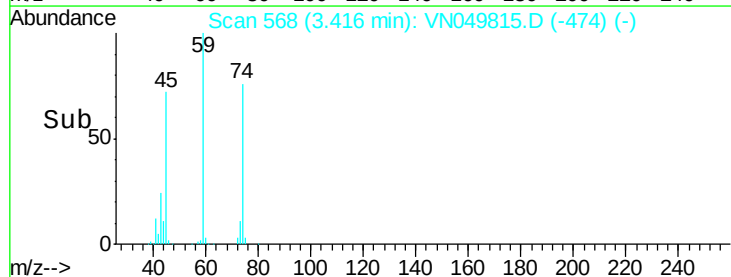
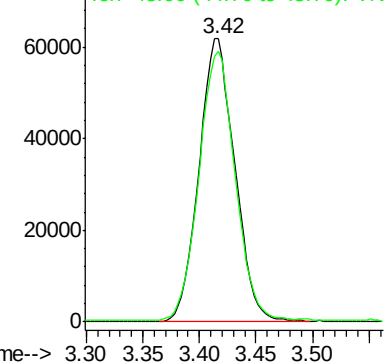
#8

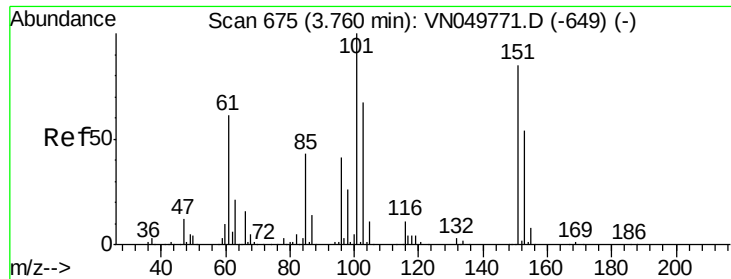
Diethyl Ether
 Concen: 18.25 ug/l
 RT: 3.42 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VN049815.D
 Acq: 13 Jul 2018 23:56

Tgt Ion: 74 Resp: 136520
 Ion Ratio Lower Upper
 74 100
 45 96.0 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): V
 Ion 45.00 (44.70 to 45.70): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.57 ug/l

RT: 3.76 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBS02

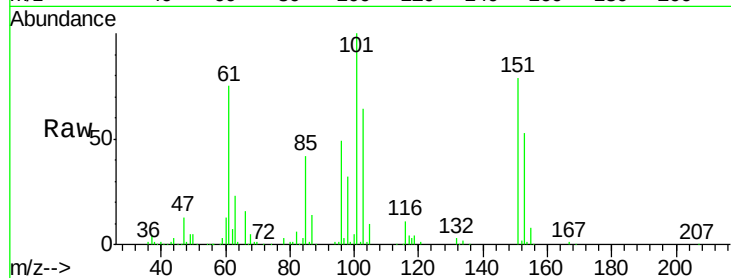
Tot Ion:101 Resp: 251680

Ion Ratio Lower Upper

101 100

85 42.6 34.4 51.6

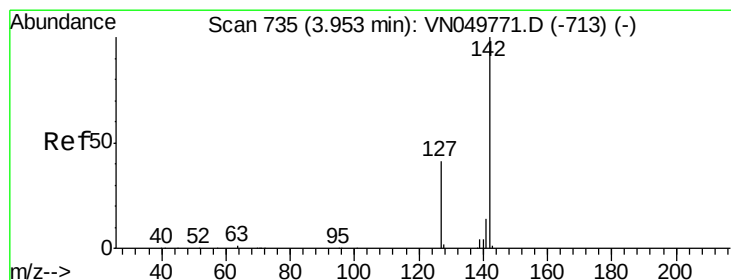
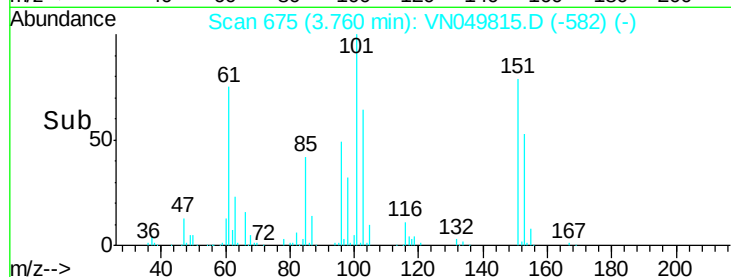
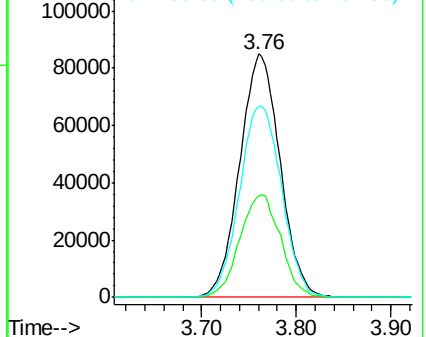
151 82.3 66.2 99.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.28 ug/l

RT: 3.96 min Scan# 736

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

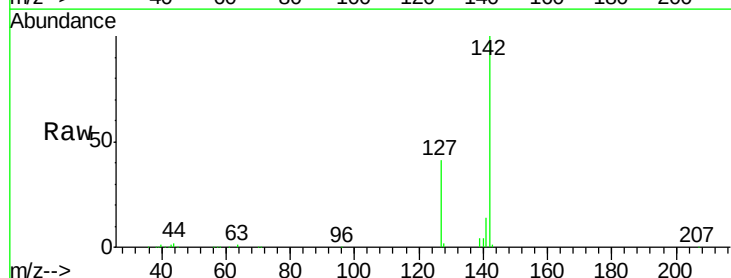
Tgt Ion:142 Resp: 314854

Ion Ratio Lower Upper

142 100

127 42.4 32.5 48.7

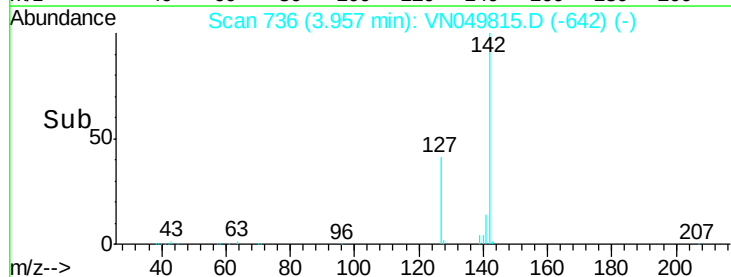
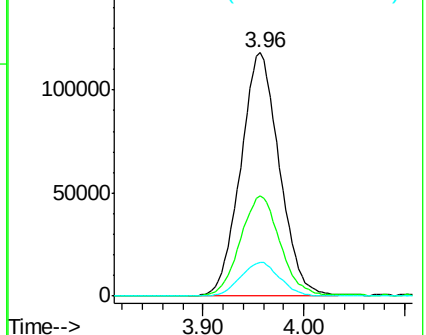
141 14.1 11.1 16.7

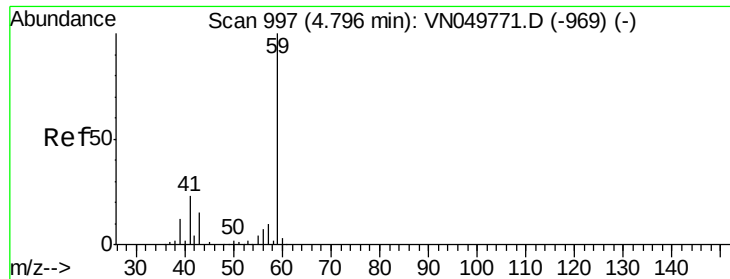


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



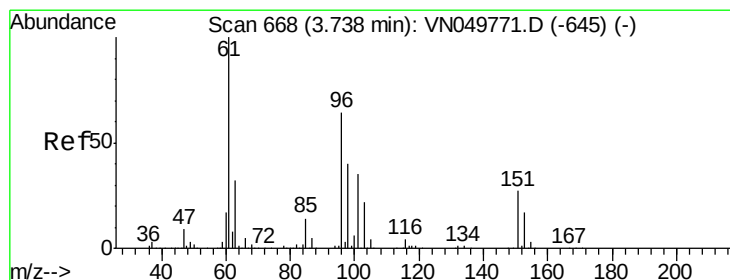
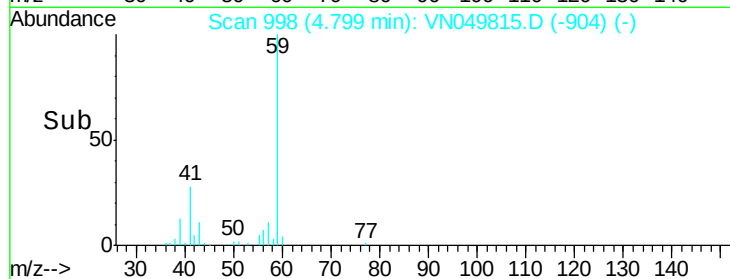
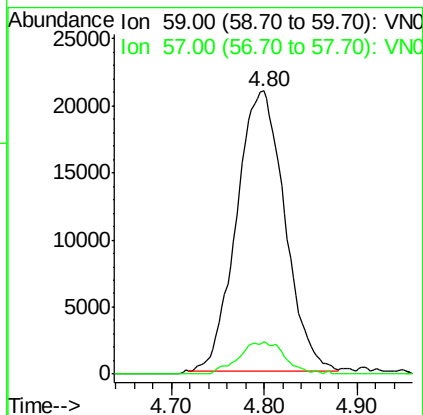
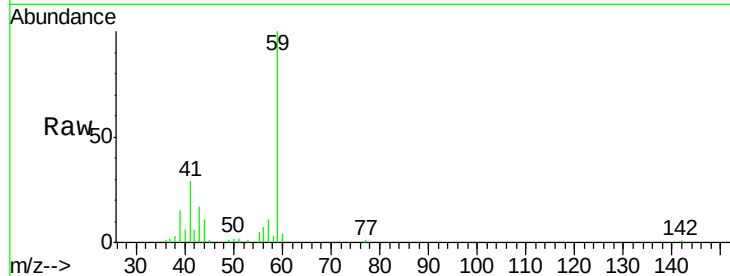


#11

Tert butyl alcohol
 Concen: 88.16 ug/l
 RT: 4.80 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: VN049815.D
 Acq: 13 Jul 2018 23:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBS02

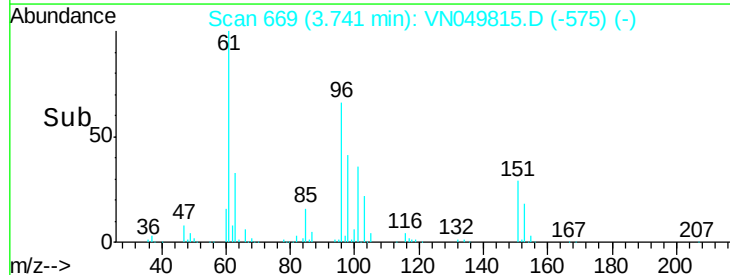
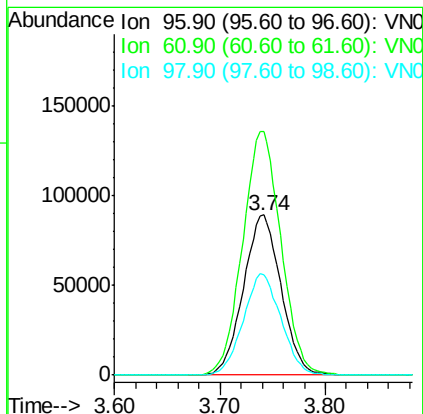
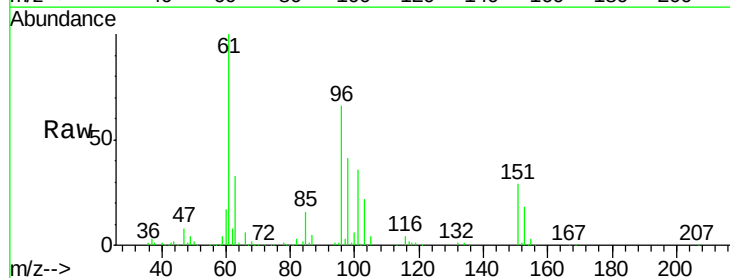
Tot Ion: 59 Resp: 75579
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

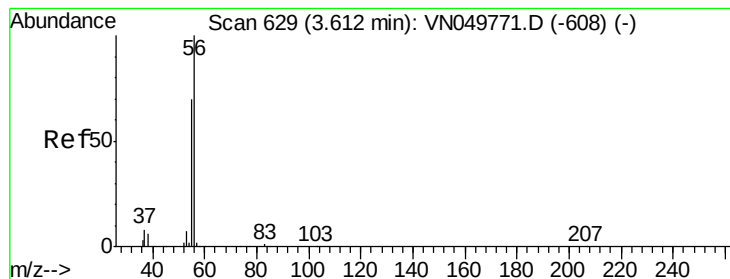


#12

1,1-Dichloroethene
 Concen: 18.61 ug/l
 RT: 3.74 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: VN049815.D
 Acq: 13 Jul 2018 23:56

Tgt Ion: 96 Resp: 221632
 Ion Ratio Lower Upper
 96 100
 61 152.3 126.5 189.7
 98 63.1 51.0 76.6





#13

Acrolein

Concen: 72.76 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

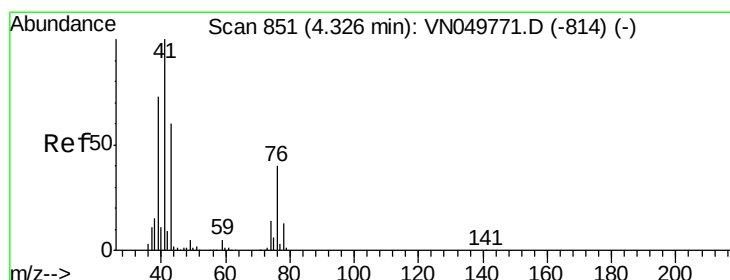
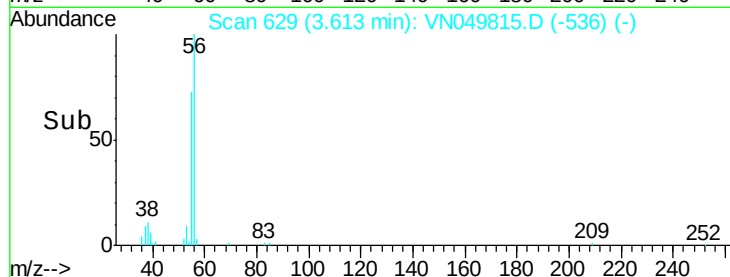
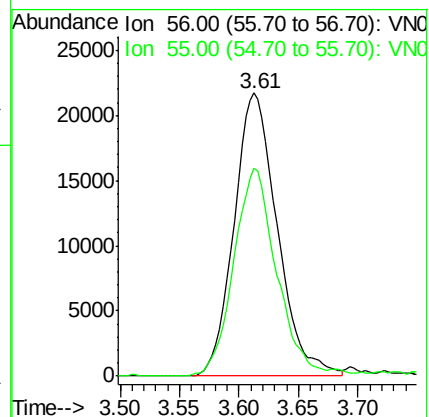
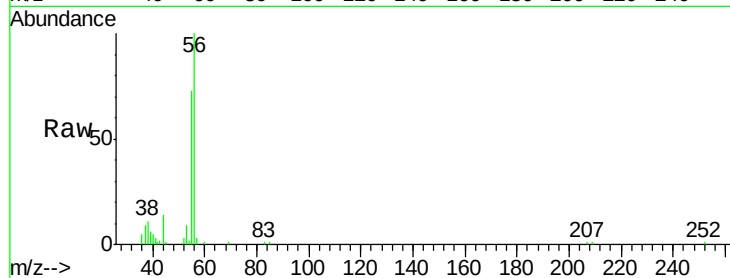
VN0713WBS02

Tot Ion: 56 Resp: 54785

Ion Ratio Lower Upper

56 100

55 72.0 55.8 83.8



#14

Allyl chloride

Concen: 17.63 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

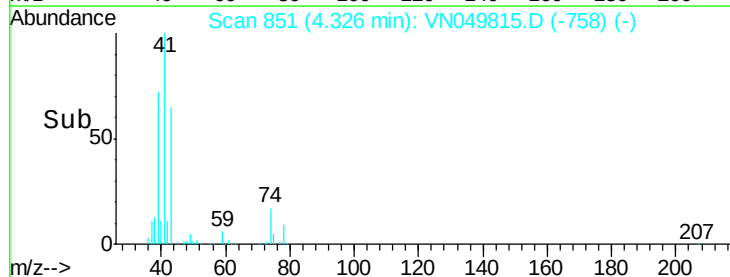
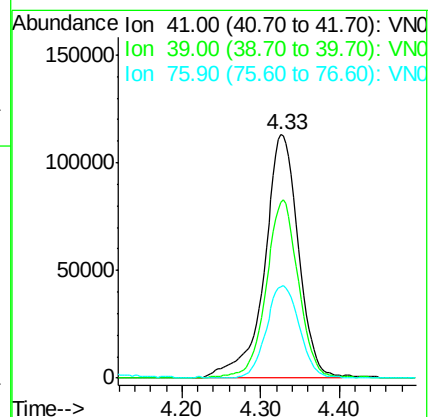
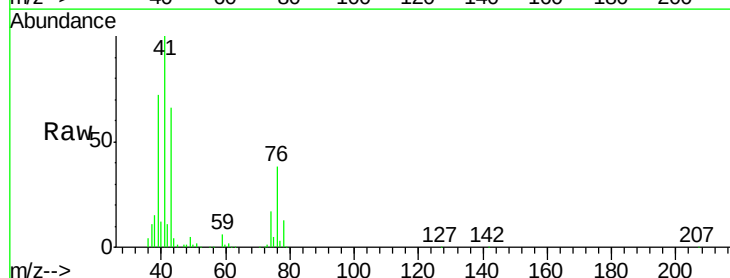
Tgt Ion: 41 Resp: 342616

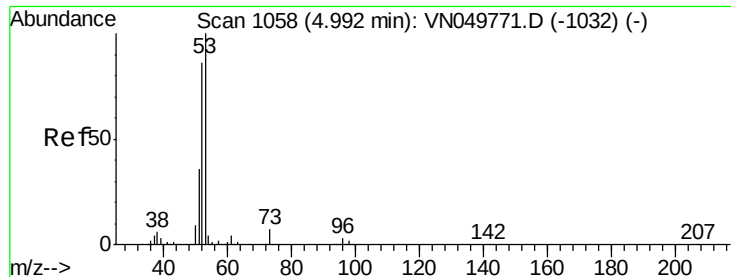
Ion Ratio Lower Upper

41 100

39 69.5 53.2 79.8

76 36.3 29.0 43.6





#15

Acrylonitrile

Concen: 93.01 ug/l

RT: 5.00 min Scan# 1060

Delta R.T. 0.01 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampled :

VN0713WBS02

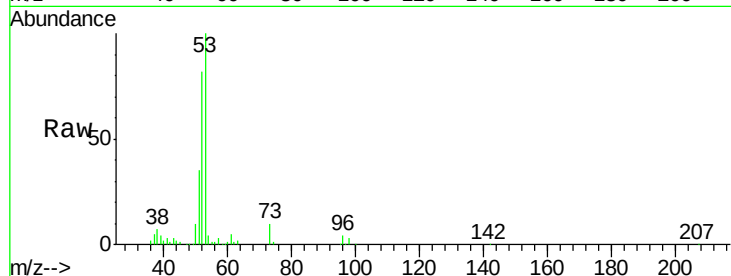
Tot Ion: 53 Resp: 399331

Ion Ratio Lower Upper

53 100

52 81.5 64.8 97.2

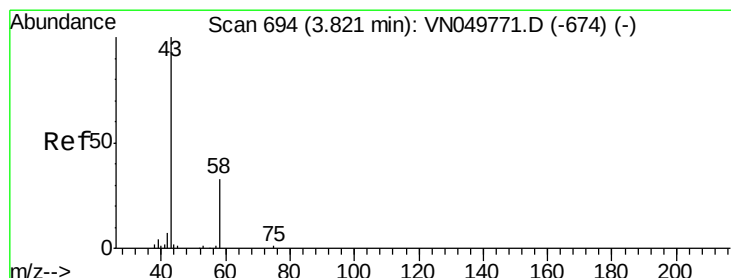
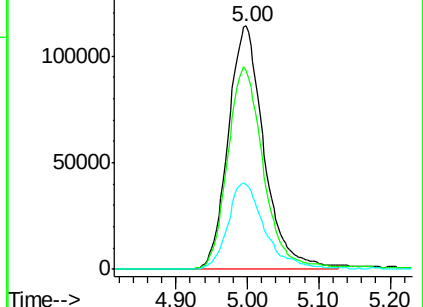
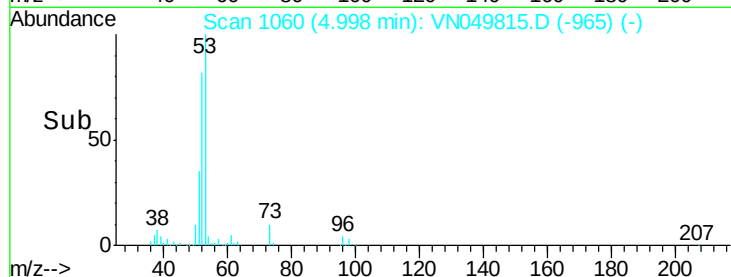
51 36.5 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN049815.D (-965) (-)

Ion 52.00 (51.70 to 52.70): VN049815.D (-965) (-)

Ion 51.00 (50.70 to 51.70): VN049815.D (-965) (-)



#16

Acetone

Concen: 89.41 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049815.D

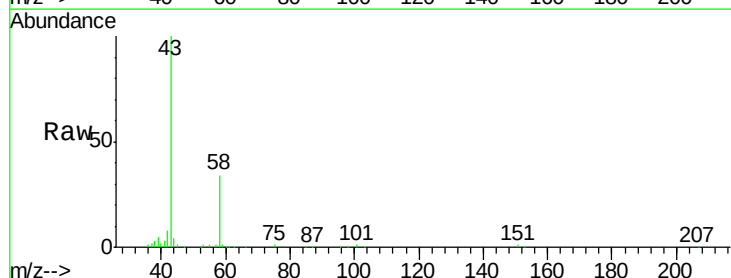
Acq: 13 Jul 2018 23:56

Tgt Ion: 43 Resp: 286077

Ion Ratio Lower Upper

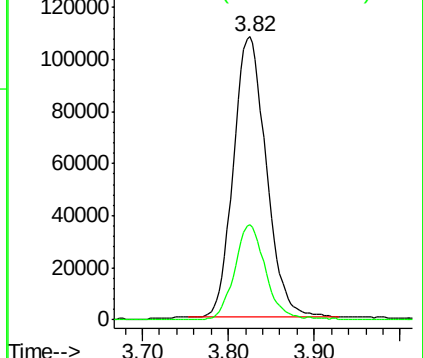
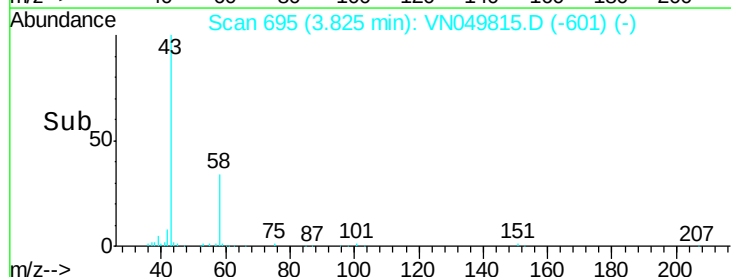
43 100

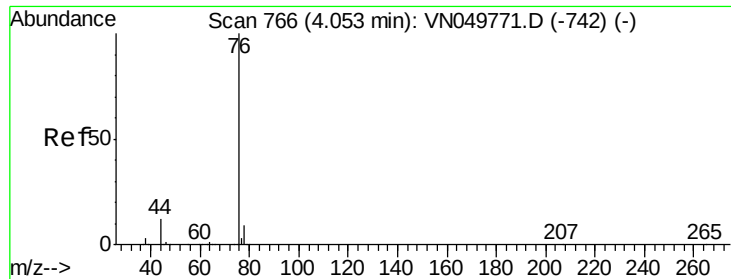
58 33.7 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN049815.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN049815.D (-601) (-)





#17

Carbon Disulfide

Concen: 18.16 ug/l

RT: 4.06 min Scan# 767

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

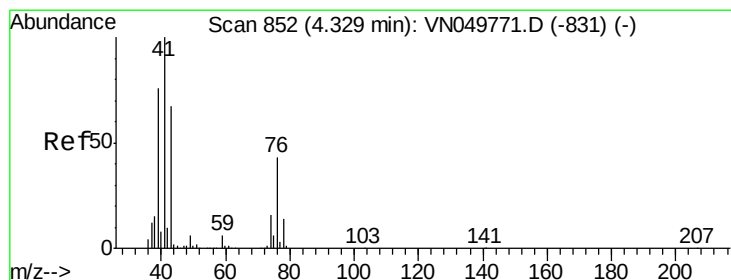
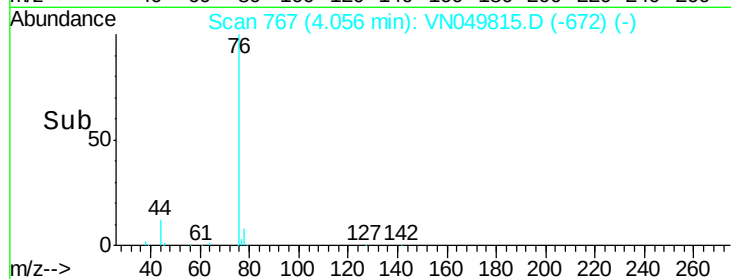
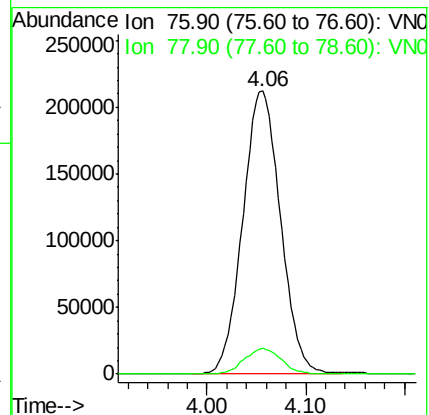
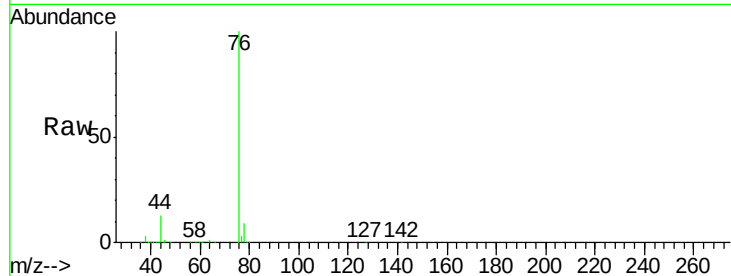
VN0713WBS02

Tot Ion: 76 Resp: 562226

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



#18

Methyl Acetate

Concen: 20.69 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.00 min

Lab File: VN049815.D

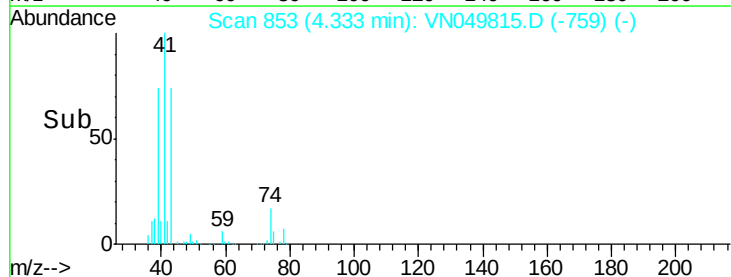
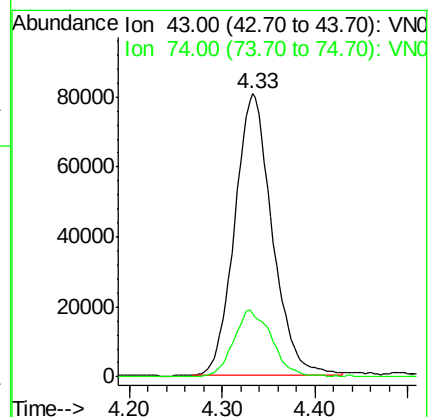
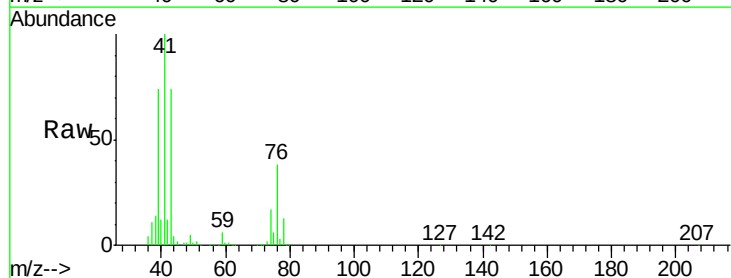
Acq: 13 Jul 2018 23:56

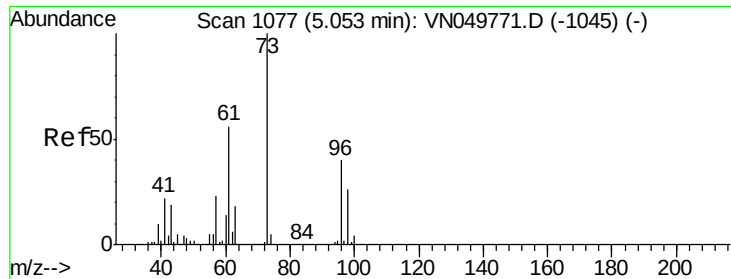
Tgt Ion: 43 Resp: 225989

Ion Ratio Lower Upper

43 100

74 24.3 19.8 29.8

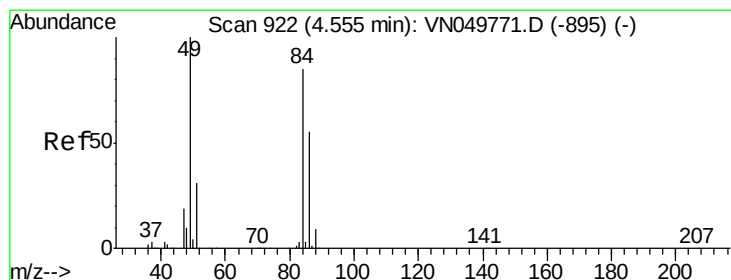
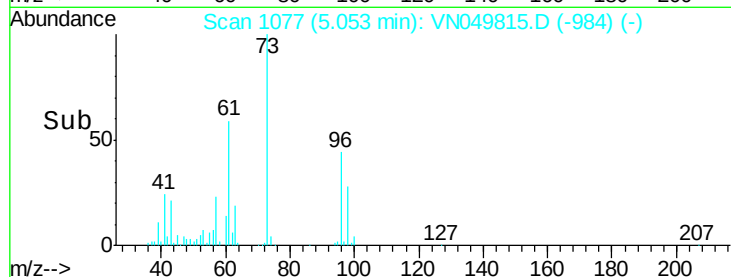
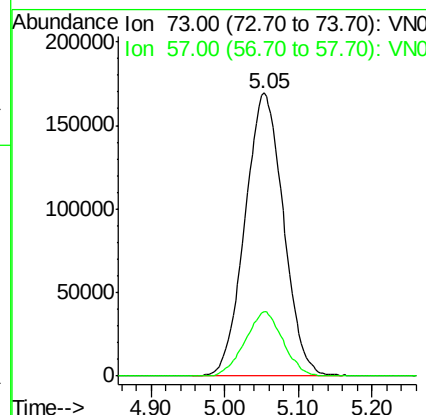
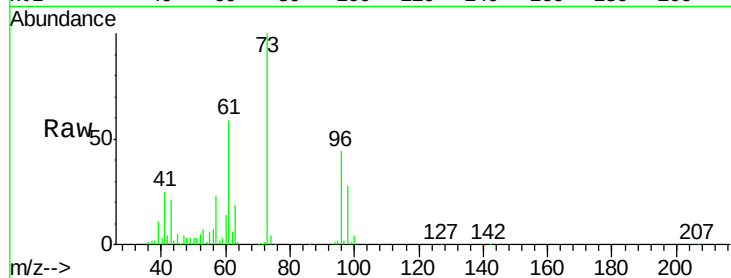




#19
Methyl tert-butyl Ether
Concen: 18.66 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN049815.D
Acq: 13 Jul 2018 23:56

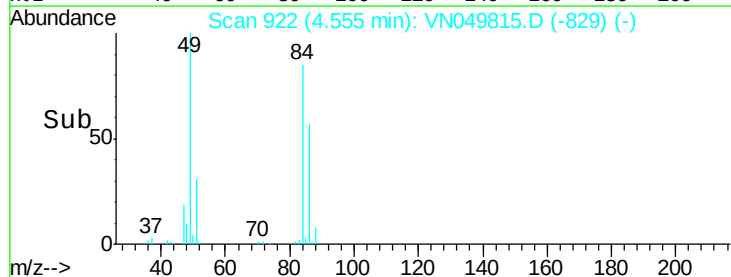
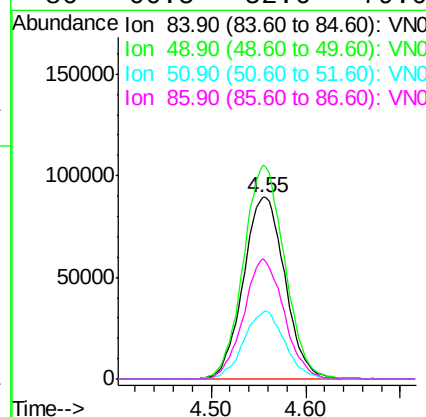
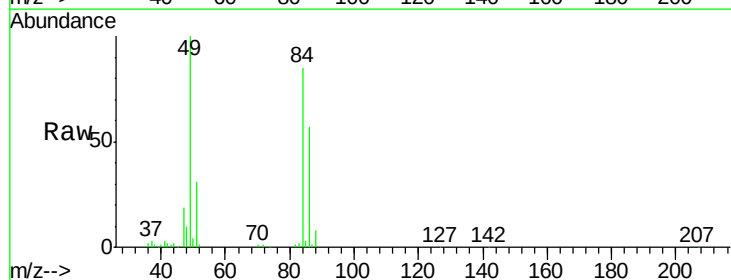
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS02

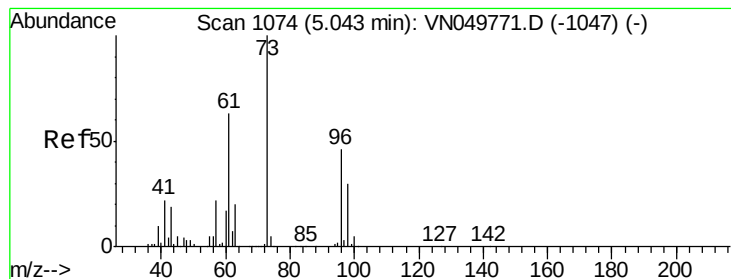
Tot Ion: 73 Resp: 616440
Ion Ratio Lower Upper
73 100
57 22.9 18.1 27.1



#20
Methylene Chloride
Concen: 20.21 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049815.D
Acq: 13 Jul 2018 23:56

Tgt Ion: 84 Resp: 272799
Ion Ratio Lower Upper
84 100
49 117.6 95.4 143.2
51 36.7 28.4 42.6
86 66.5 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 18.14 ug/l

RT: 5.05 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampled :

VN0713WBS02

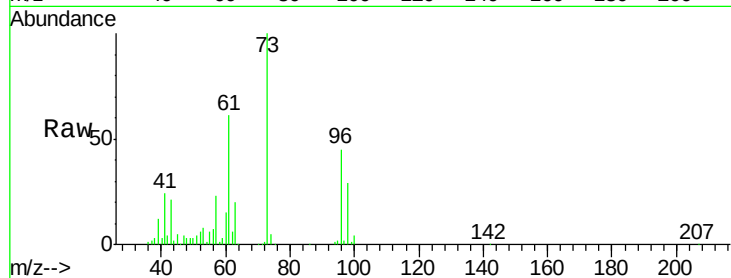
Tot Ion: 96 Resp: 236037

Ion Ratio Lower Upper

96 100

61 136.4 109.0 163.6

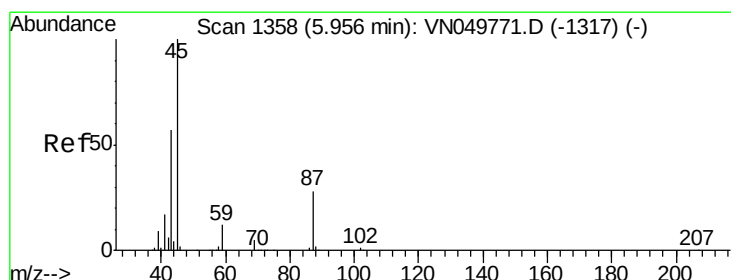
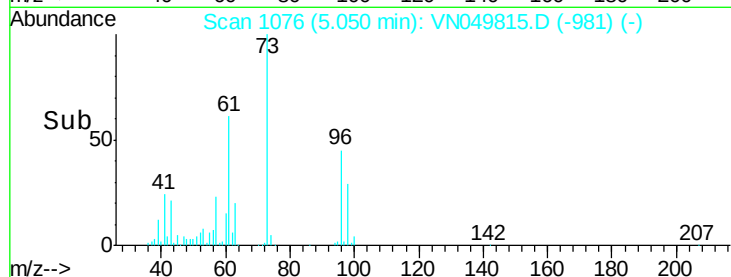
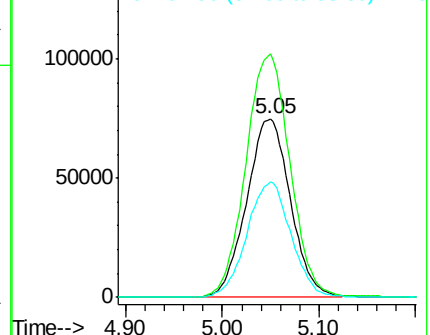
98 64.7 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 19.99 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

Tgt Ion: 45 Resp: 797723

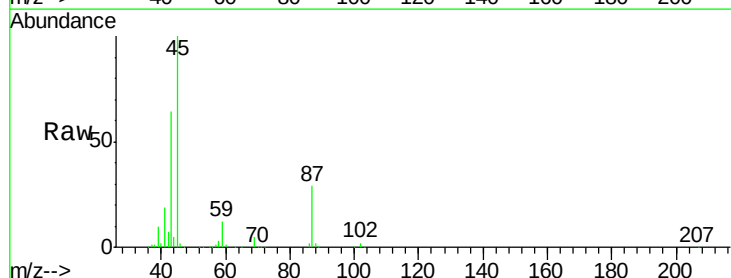
Ion Ratio Lower Upper

45 100

43 62.1 48.1 72.1

87 28.9 22.6 34.0

59 11.7 9.2 13.8

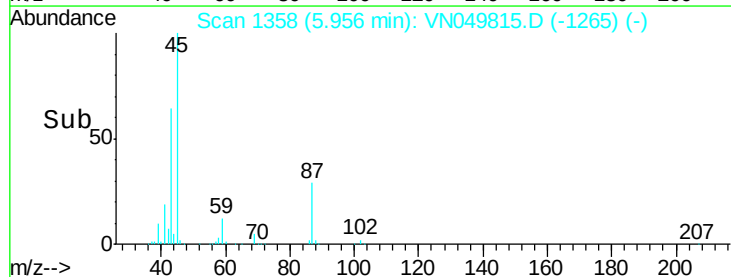
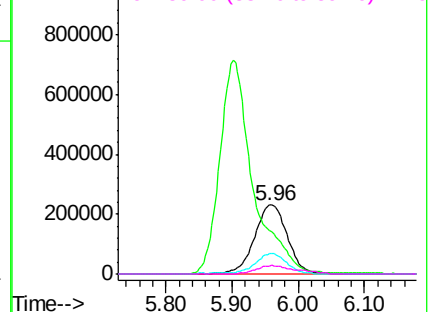


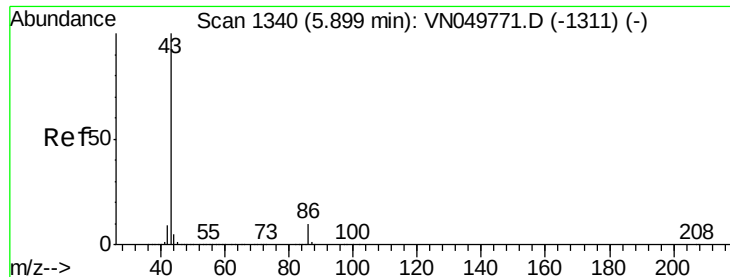
Abundance Ion 45.00 (44.70 to 45.70): VN0

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: 92.99 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

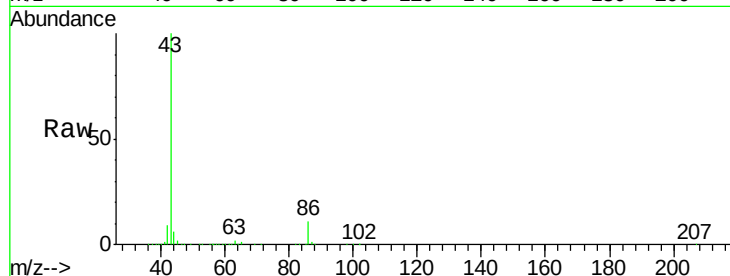
VN0713WBS02

Tot Ion: 43 Resp: 2487274

Ion Ratio Lower Upper

43 100

86 10.6 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

800000

600000

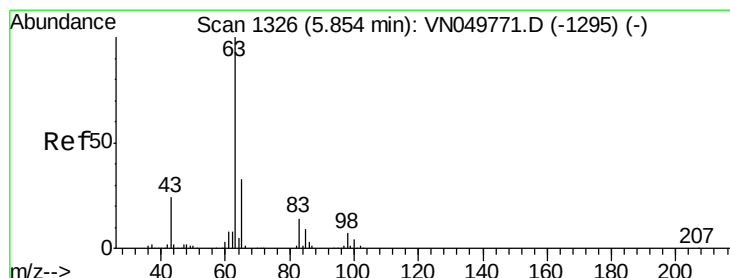
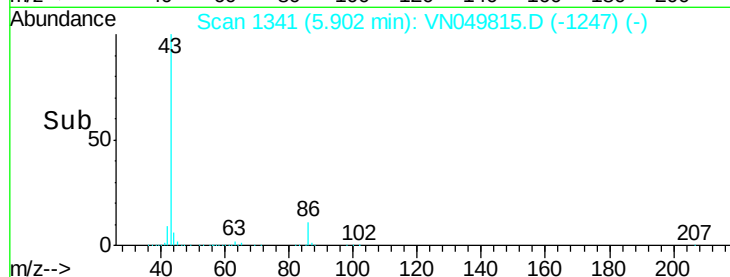
400000

200000

0

Time-->

5.80 5.90 6.00



#24

1,1-Dichloroethane

Concen: 19.26 ug/l

RT: 5.85 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

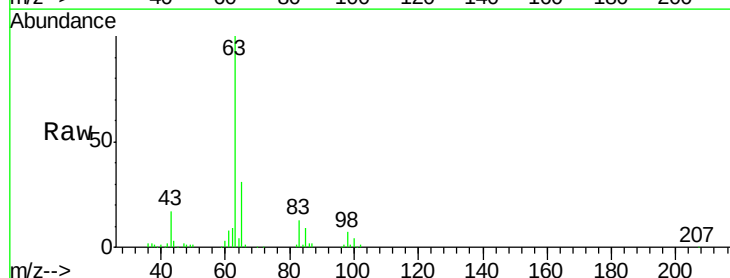
Tgt Ion: 63 Resp: 483032

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 4.5 2.2 6.6



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

200000

150000

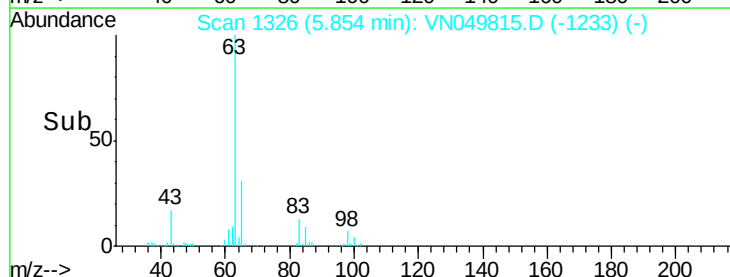
100000

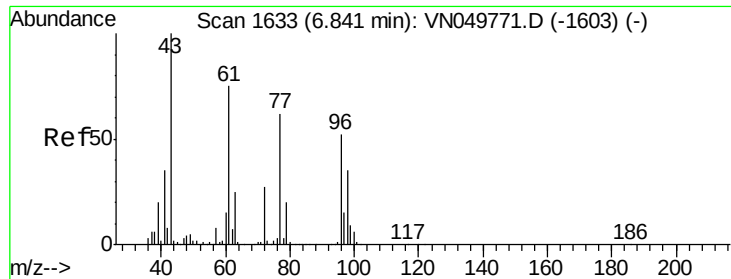
50000

0

Time-->

5.70 5.80 5.90 6.00





#25

2-Butanone

Concen: 88.48 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

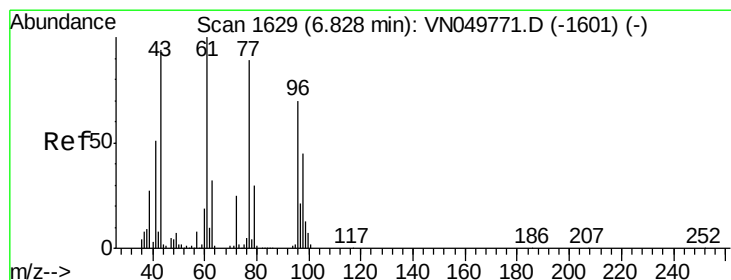
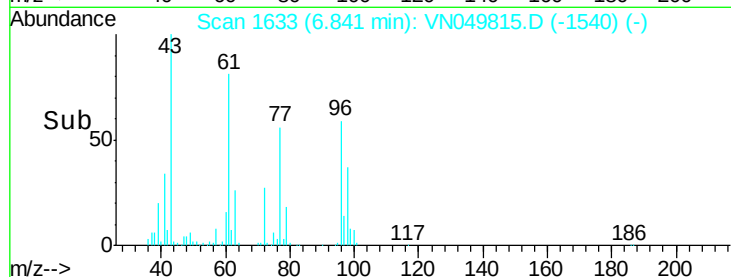
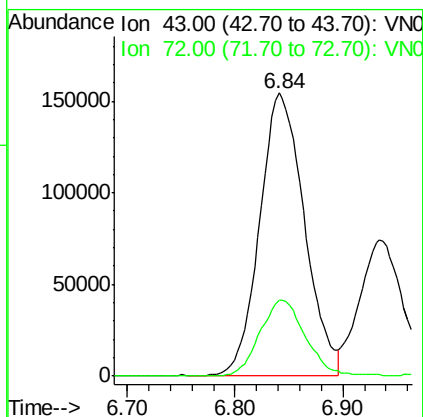
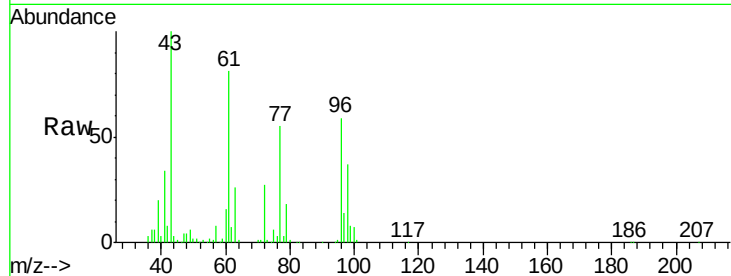
VN0713WBS02

Tot Ion: 43 Resp: 441667

Ion Ratio Lower Upper

43 100

72 26.7 22.1 33.1



#26

2,2-Dichloropropane

Concen: 15.29 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN049815.D

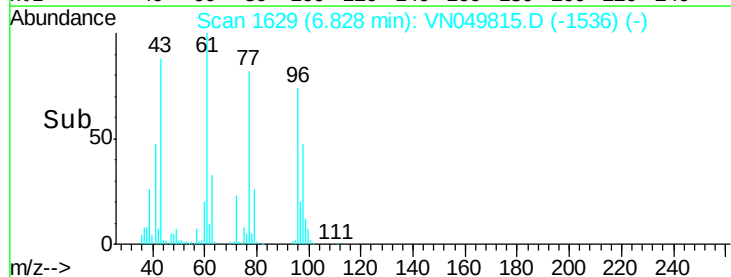
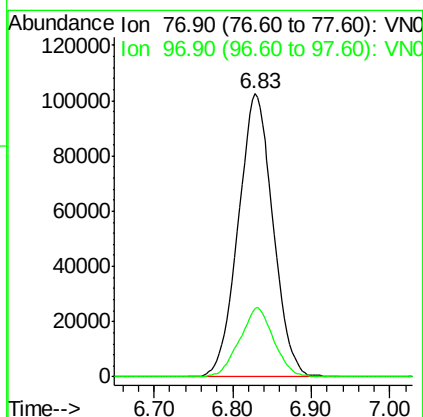
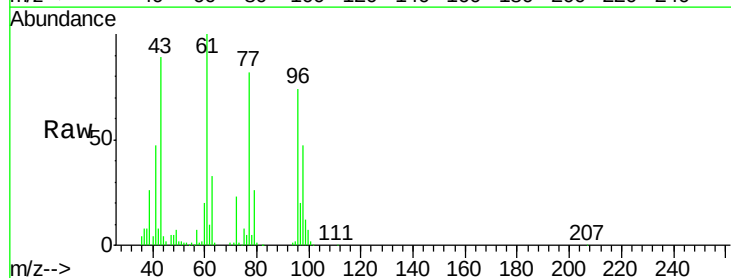
Acq: 13 Jul 2018 23:56

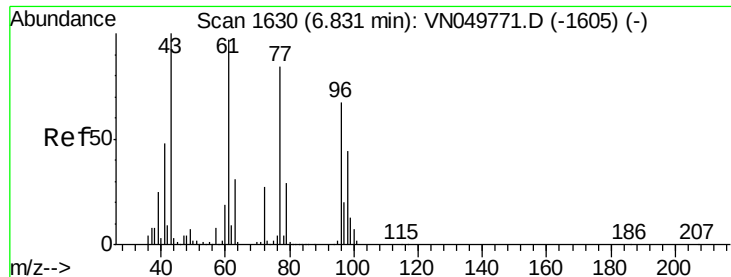
Tgt Ion: 77 Resp: 318230

Ion Ratio Lower Upper

77 100

97 24.2 11.9 35.5

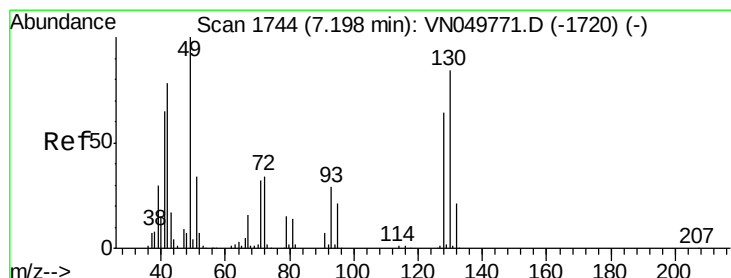
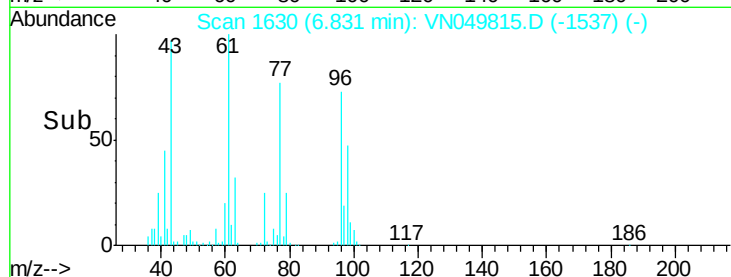
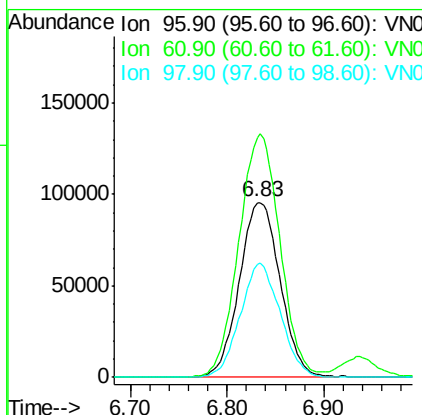
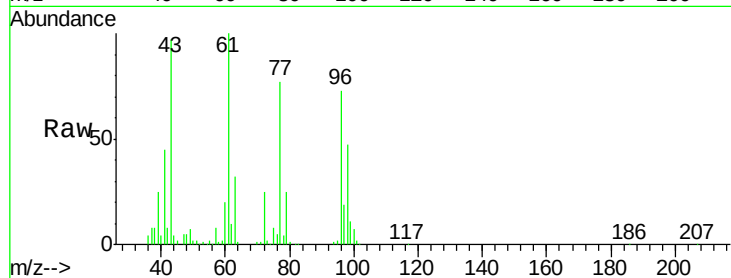




#27
 cis-1,2-Dichloroethene
 Concen: 18.88 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VN049815.D
 Acq: 13 Jul 2018 23:56

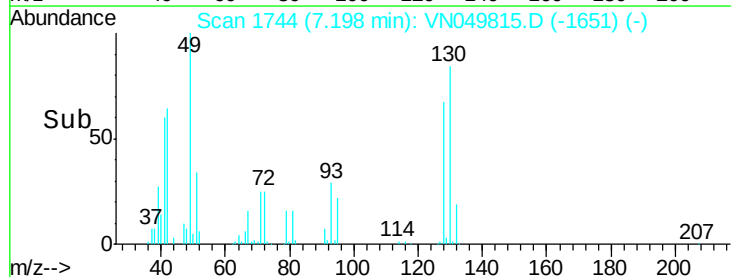
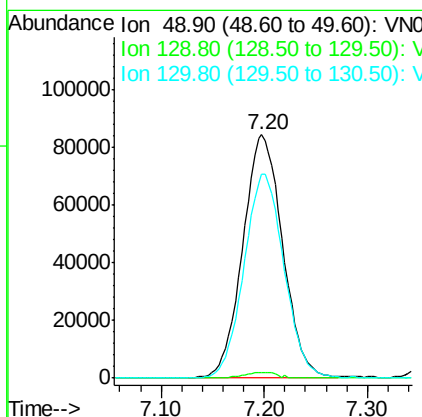
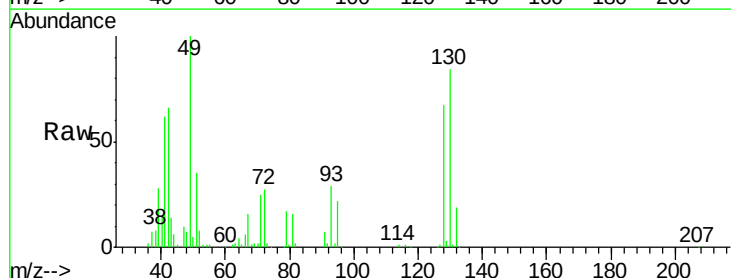
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBS02

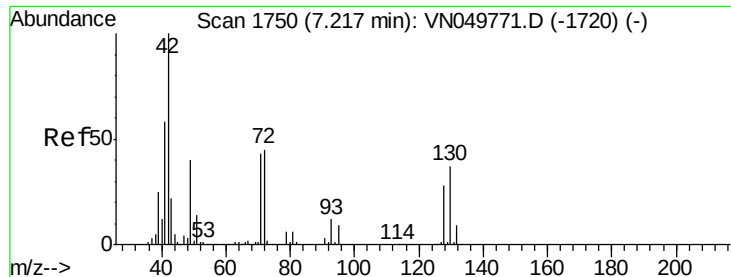
Tot Ion: 96 Resp: 281081
 Ion Ratio Lower Upper
 96 100
 61 139.9 0.0 289.0
 98 63.8 0.0 130.2



#28
 Bromochloromethane
 Concen: 19.83 ug/l
 RT: 7.20 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: VN049815.D
 Acq: 13 Jul 2018 23:56

Tgt Ion: 49 Resp: 226210
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 84.3 65.5 98.3

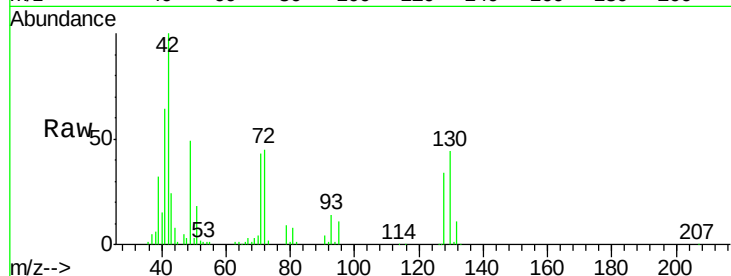




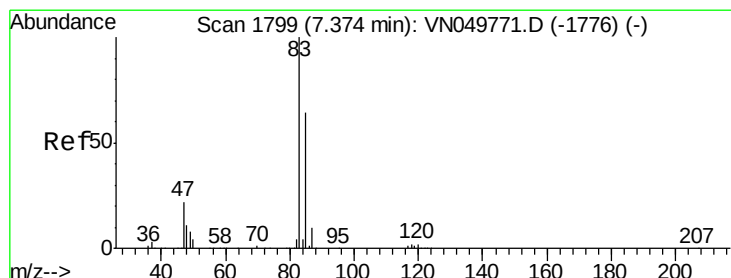
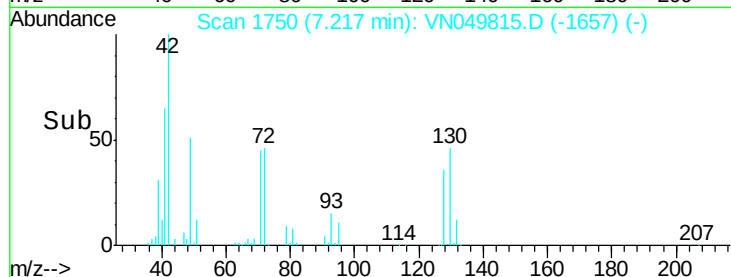
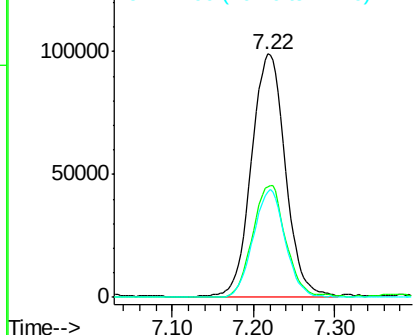
#29
Tetrahydrofuran
Concen: 90.49 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VN049815.D
Acq: 13 Jul 2018 23:56

Instrument :
MSVOA_N
ClientSampled :
VN0713WBS02

Tot Ion: 42 Resp: 283627
Ion Ratio Lower Upper
42 100
72 45.3 35.6 53.4
71 41.8 34.0 51.0

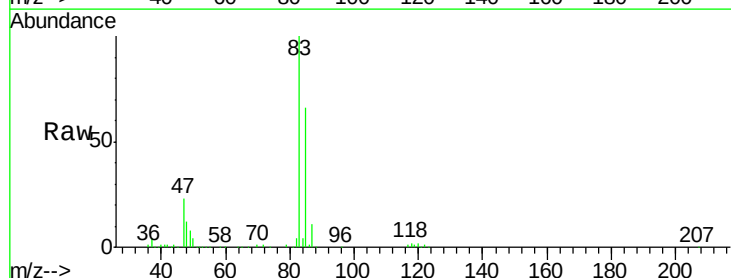


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

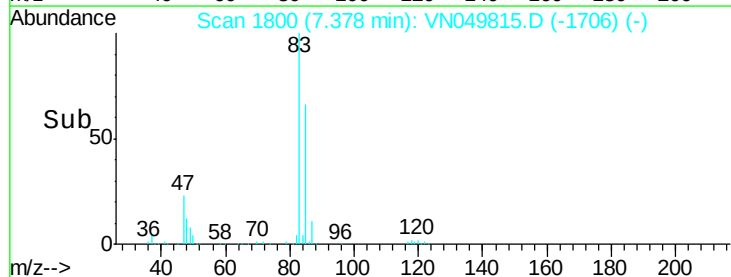
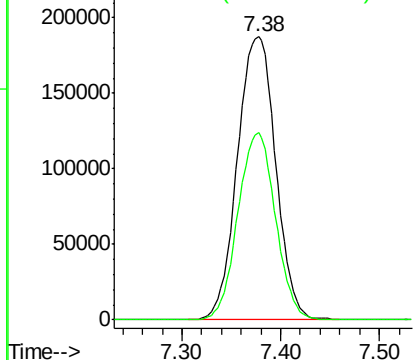


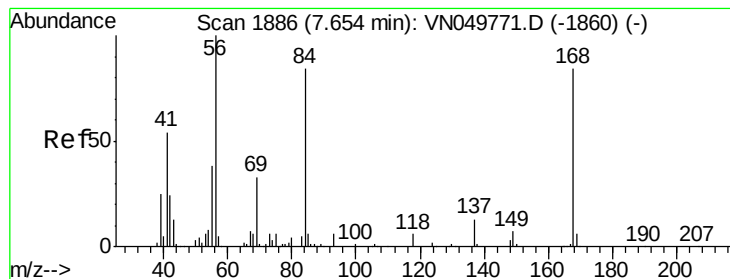
#30
Chloroform
Concen: 19.54 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN049815.D
Acq: 13 Jul 2018 23:56

Tgt Ion: 83 Resp: 504888
Ion Ratio Lower Upper
83 100
85 66.0 51.4 77.2



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





#31

Cyclohexane

Concen: 18.39 ug/l

RT: 7.66 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampled :

VN0713WBS02

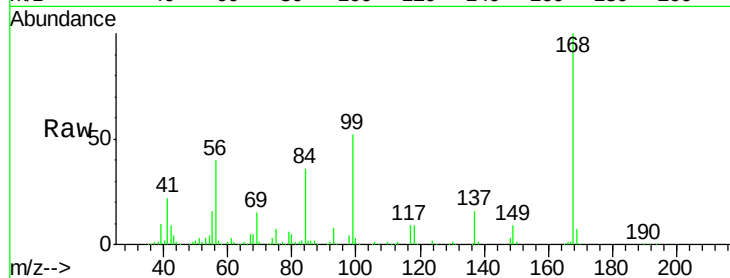
Tot Ion: 56 Resp: 370241

Ion Ratio Lower Upper

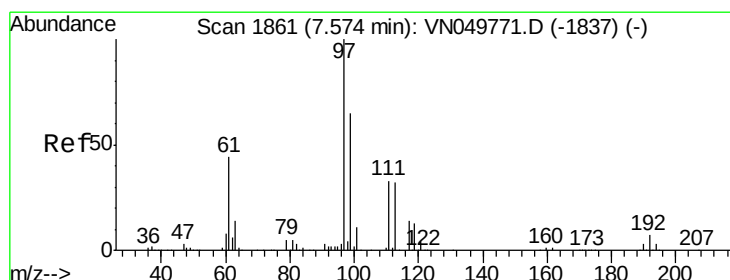
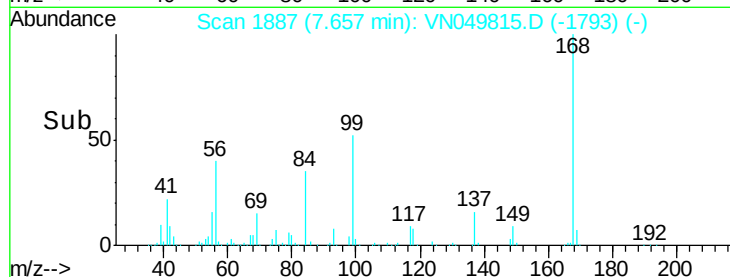
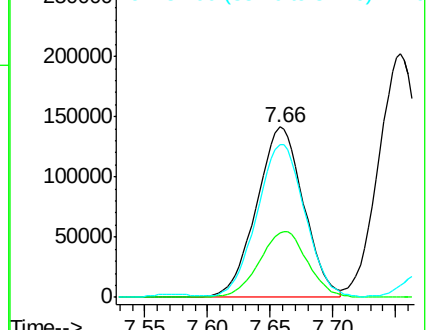
56 100

69 38.2 26.6 40.0

84 88.3 69.0 103.6



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: 19.03 ug/l

RT: 7.58 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

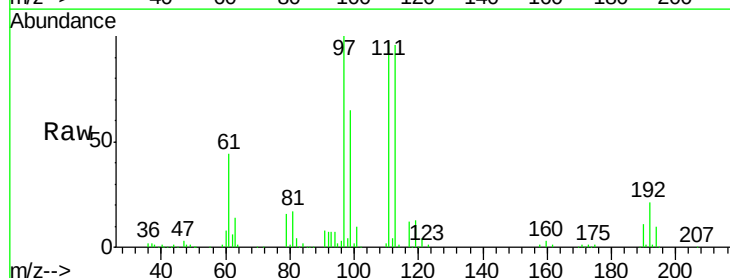
Tgt Ion: 97 Resp: 417562

Ion Ratio Lower Upper

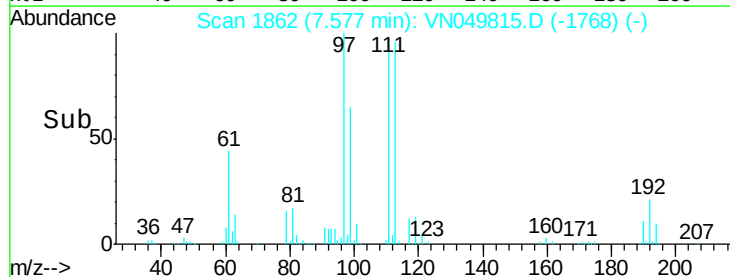
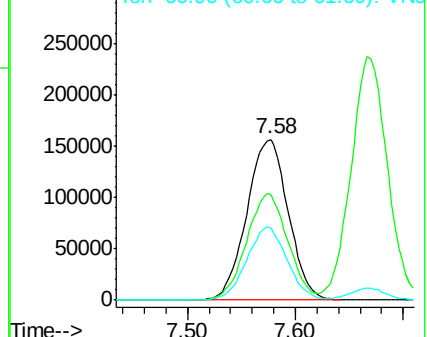
97 100

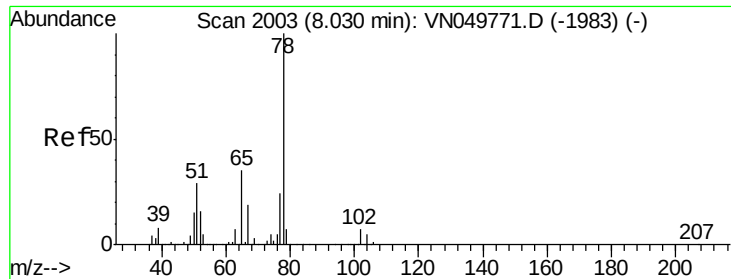
99 66.2 51.0 76.4

61 44.2 35.5 53.3



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

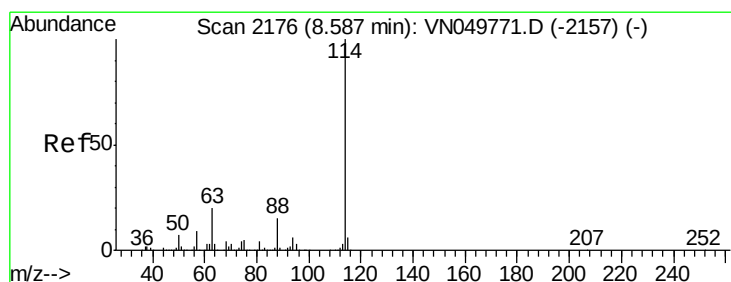
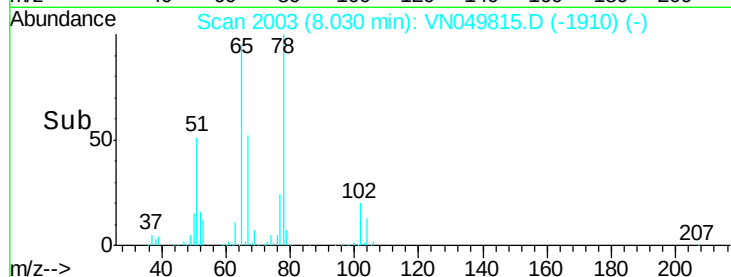
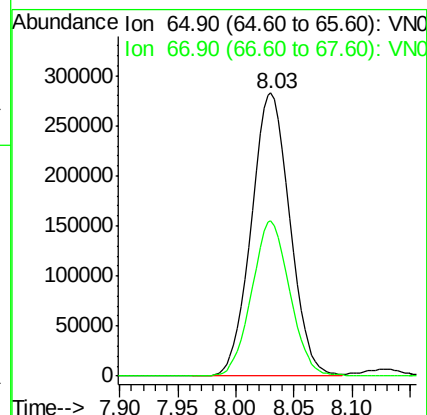
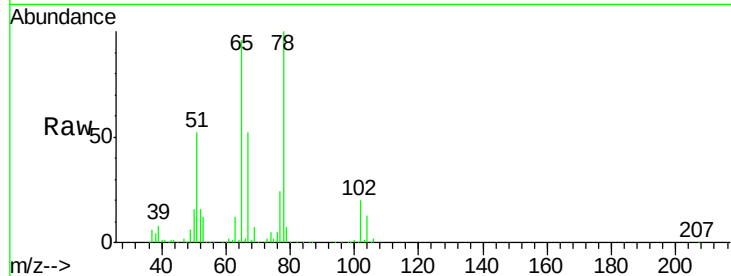




#33
 1,2-Dichloroethane-d4
 Concen: 51.19 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049815.D
 Acq: 13 Jul 2018 23:56

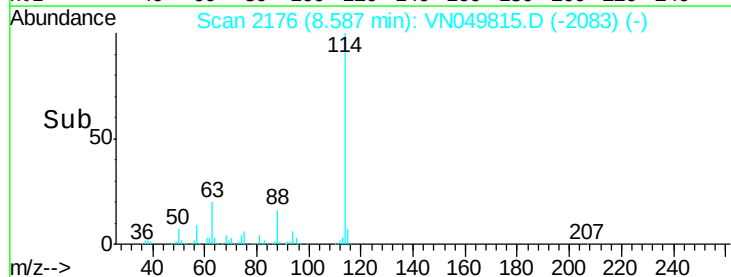
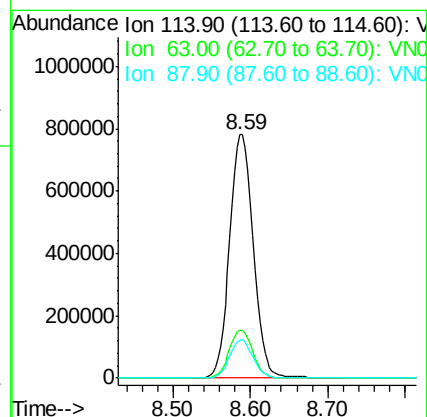
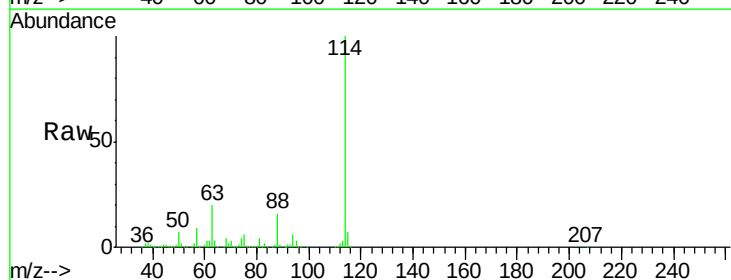
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBS02

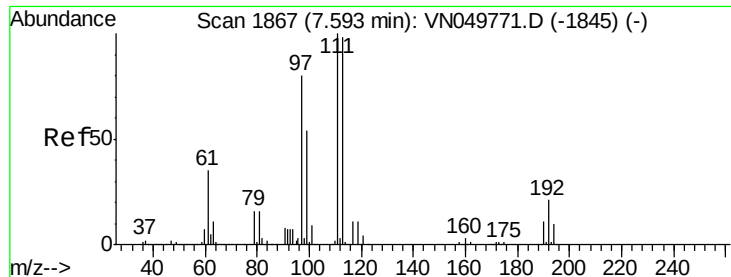
Tot Ion: 65 Resp: 655728
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049815.D
 Acq: 13 Jul 2018 23:56

Tgt Ion: 114 Resp: 1655051
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.7 0.0 30.6

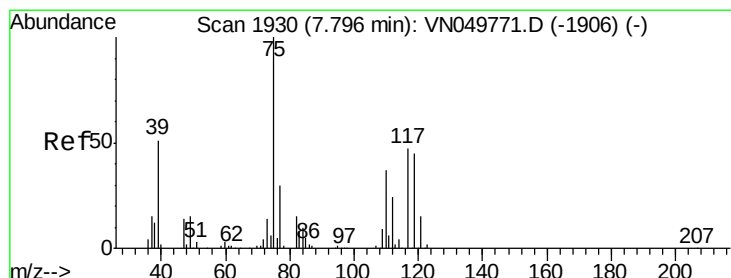
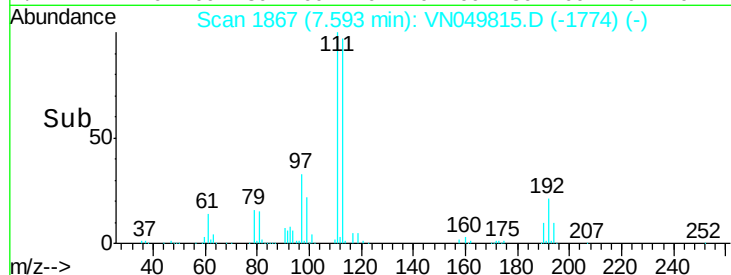
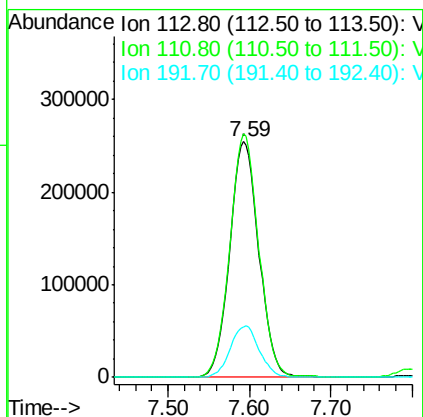
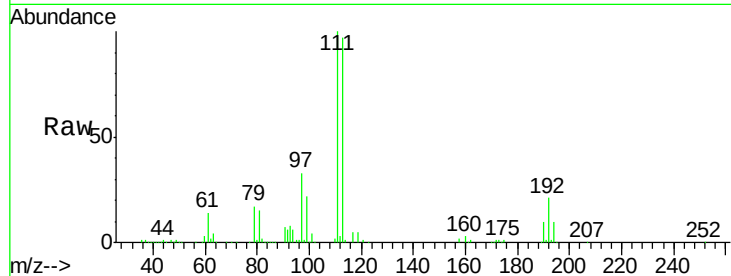




#35
 Dibromofluoromethane
 Concen: 51.06 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049815.D
 Acq: 13 Jul 2018 23:56

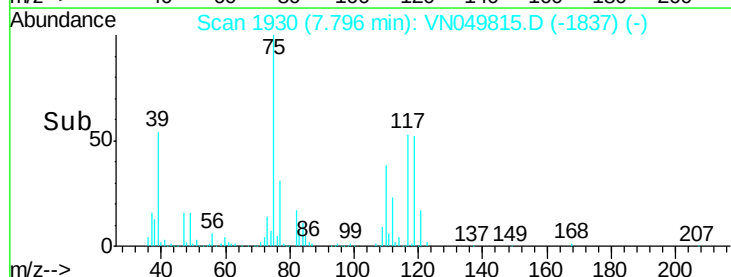
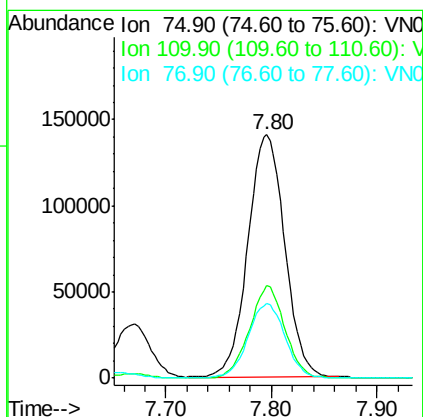
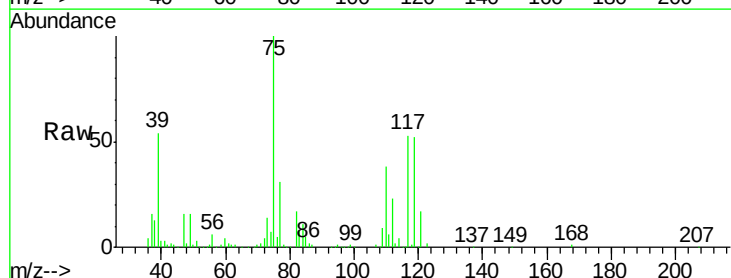
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBS02

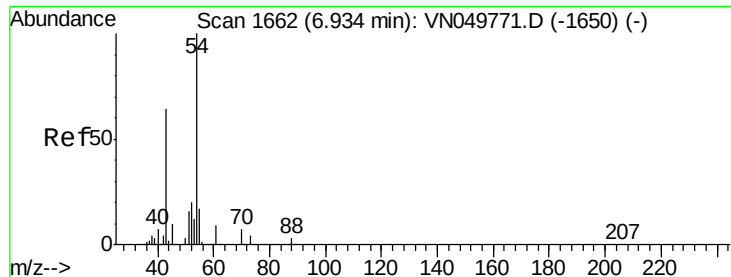
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.8	122.8
192	21.8	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 17.94 ug/l
 RT: 7.80 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VN049815.D
 Acq: 13 Jul 2018 23:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.1	54.4
77	30.5	24.9	37.3

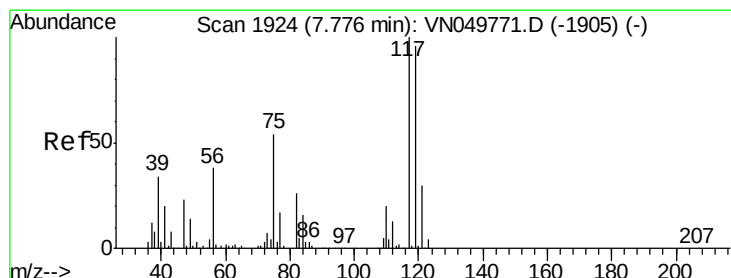
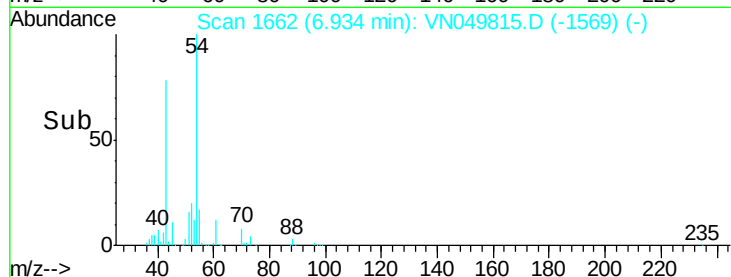
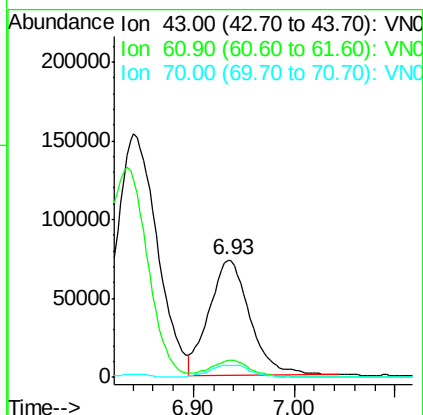
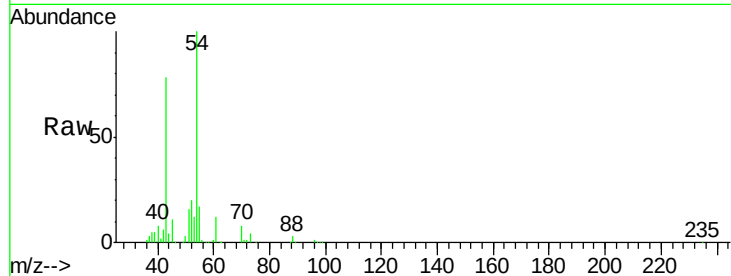




#37
Ethyl Acetate
Concen: 18.44 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049815.D
Acq: 13 Jul 2018 23:56

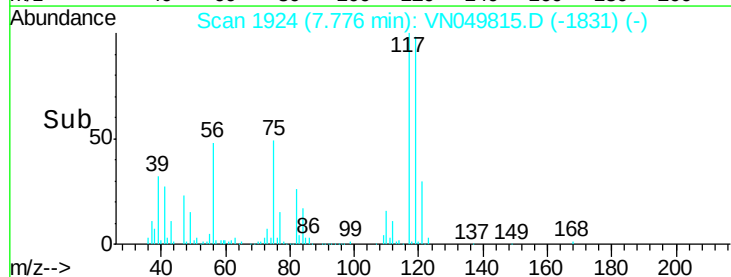
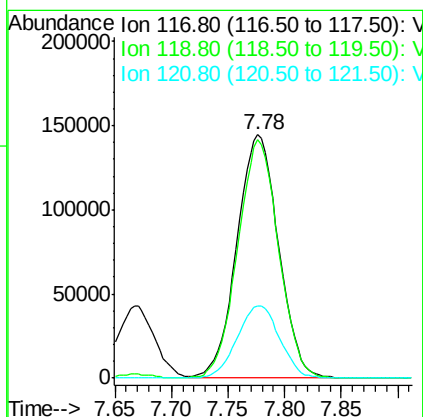
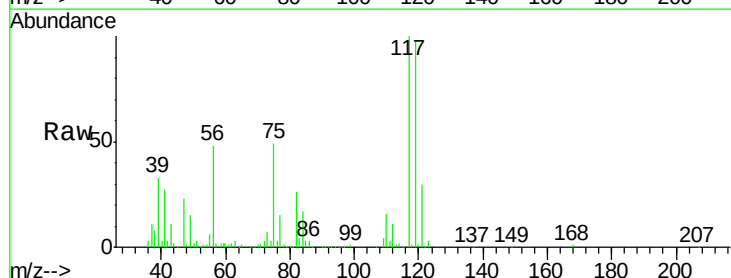
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS02

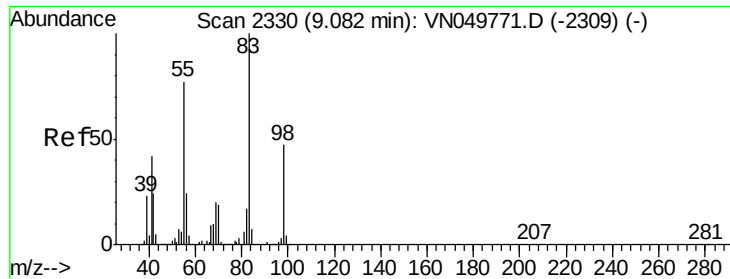
Tot Ion: 43 Resp: 208202
Ion Ratio Lower Upper
43 100
61 13.1 11.7 17.5
70 10.3 8.4 12.6



#38
Carbon Tetrachloride
Concen: 18.43 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN049815.D
Acq: 13 Jul 2018 23:56

Tgt Ion: 117 Resp: 367540
Ion Ratio Lower Upper
117 100
119 98.1 77.2 115.8
121 29.7 25.0 37.6

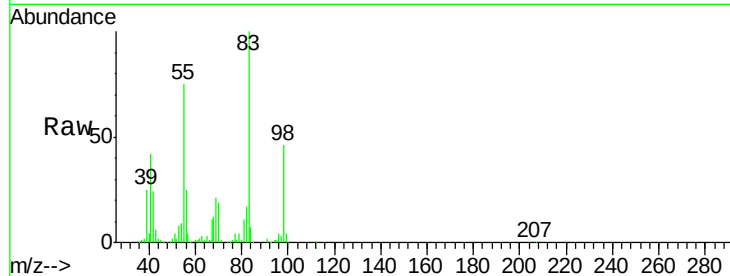




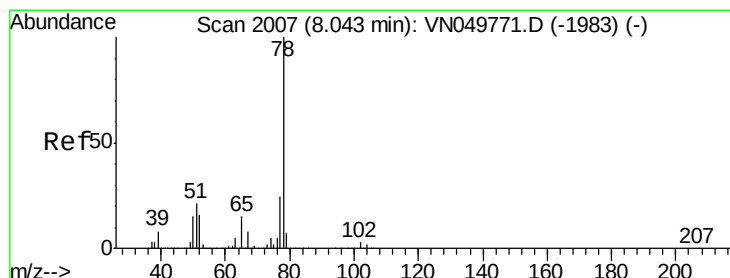
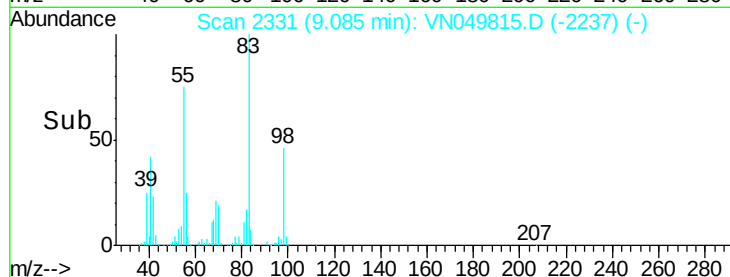
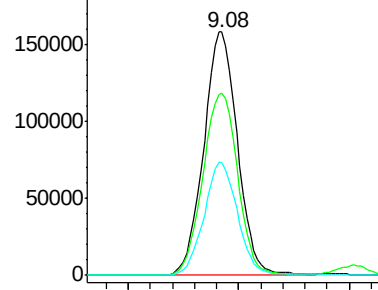
#39
Methylvlcyclohexane
Concen: 16.71 ug/l
RT: 9.08 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VN049815.D
Acq: 13 Jul 2018 23:56

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS02

Tot Ion: 83 Resp: 335994
Ion Ratio Lower Upper
83 100
55 74.8 59.7 89.5
98 46.2 36.5 54.7

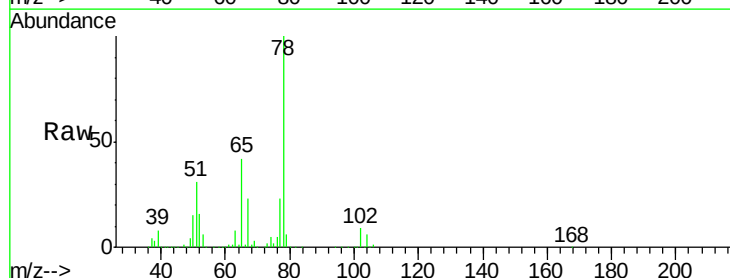


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

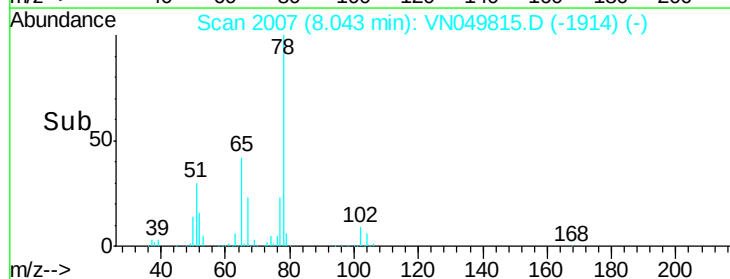
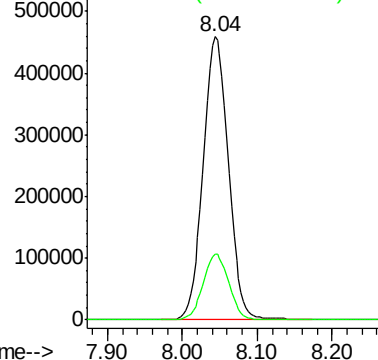


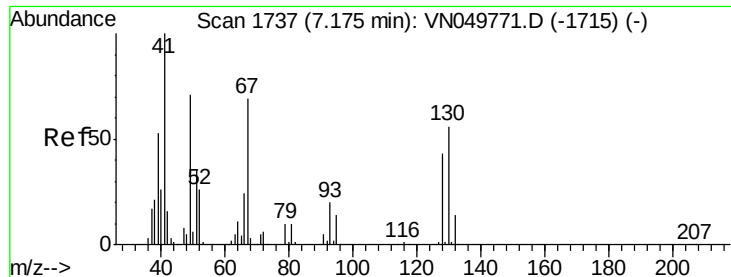
#40
Benzene
Concen: 18.89 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049815.D
Acq: 13 Jul 2018 23:56

Tgt Ion: 78 Resp: 1077631
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4



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

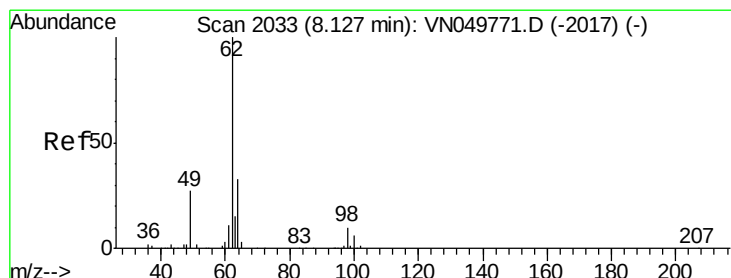
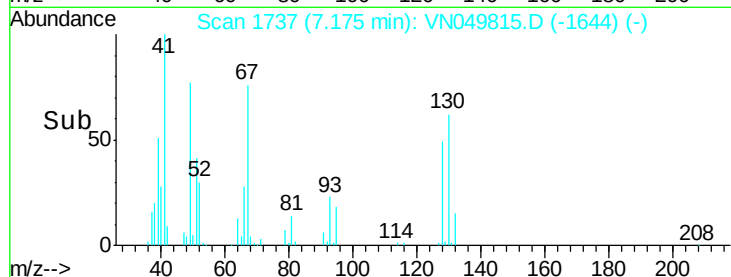
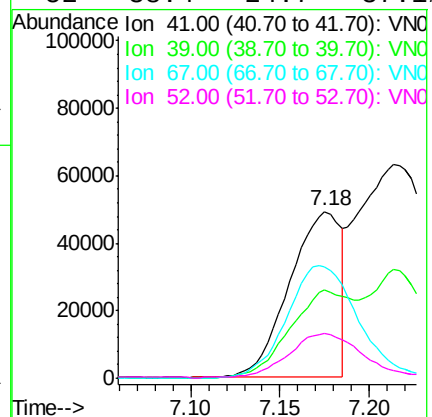
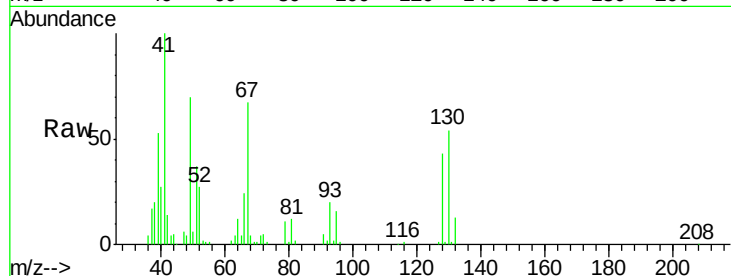




#41
Methacrylonitrile
Concen: 15.39 ug/l
RT: 7.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN049815.D
Acq: 13 Jul 2018 23:56

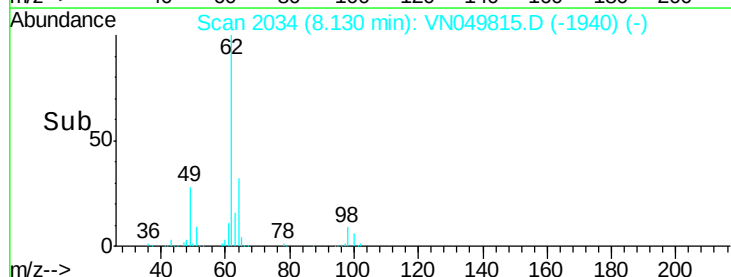
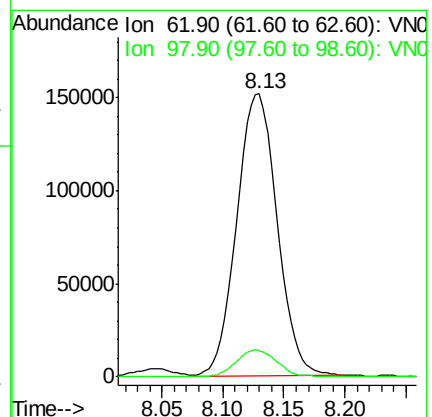
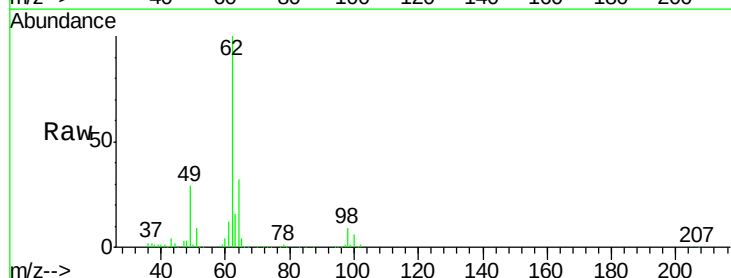
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS02

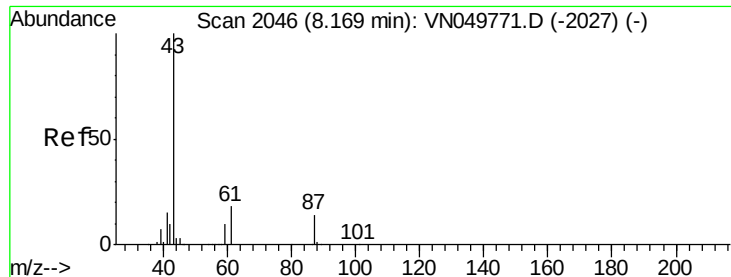
Tot Ion: 41 Resp: 98284
Ion Ratio Lower Upper
41 100
39 66.7 45.4 68.2
67 95.0 65.4 98.0
52 38.4 24.7 37.1#



#42
1,2-Dichloroethane
Concen: 18.62 ug/l
RT: 8.13 min Scan# 2034
Delta R.T. 0.00 min
Lab File: VN049815.D
Acq: 13 Jul 2018 23:56

Tgt Ion: 62 Resp: 347414
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.0





#43

Isopropyl Acetate

Concen: 22.81 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBS02

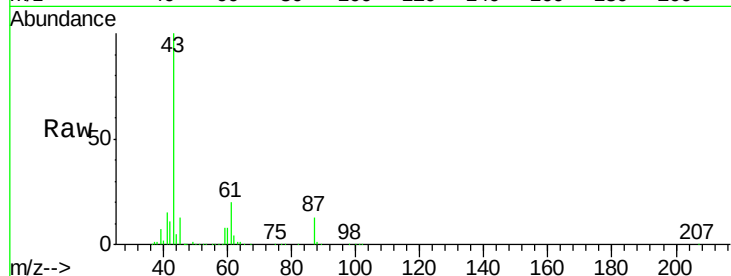
Tot Ion: 43 Resp: 462952

Ion Ratio Lower Upper

43 100

61 15.8 14.9 22.3

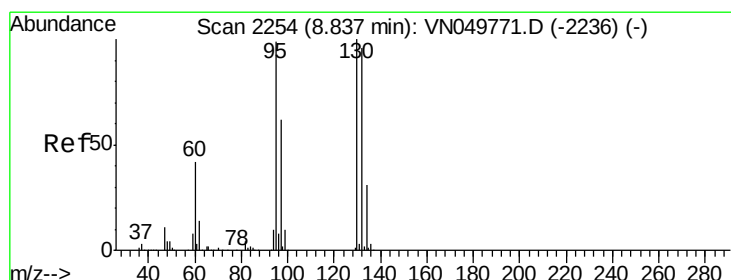
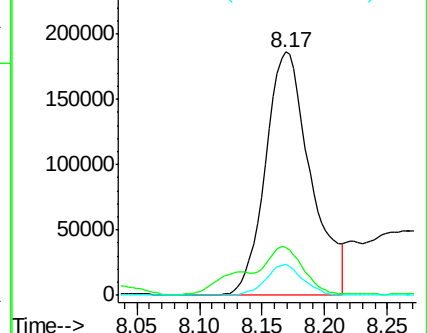
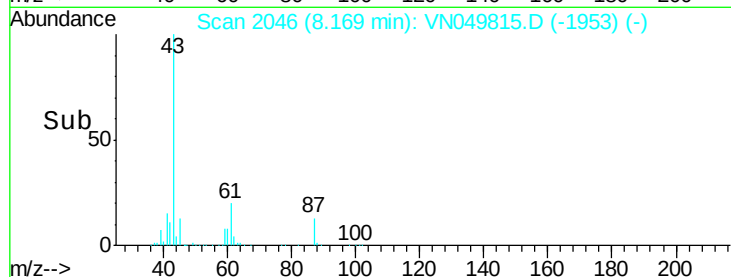
87 10.5 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VN049815.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN049815.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN049815.D (-1953) (-)



#44

Trichloroethene

Concen: 18.13 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049815.D

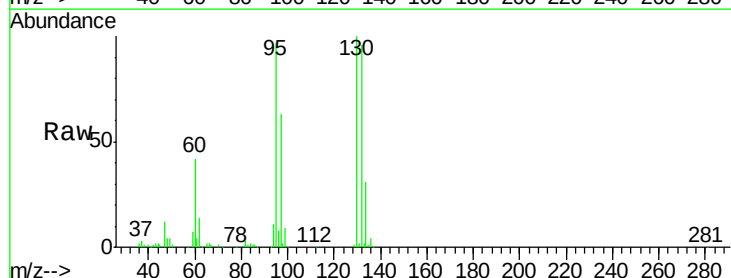
Acq: 13 Jul 2018 23:56

Tgt Ion:130 Resp: 278463

Ion Ratio Lower Upper

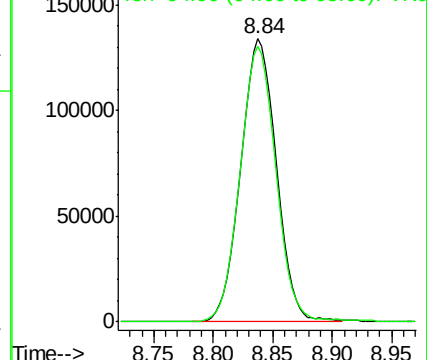
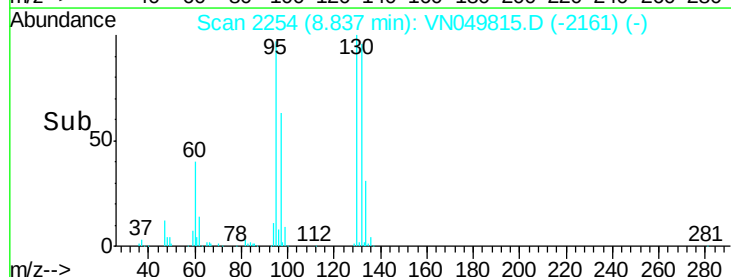
130 100

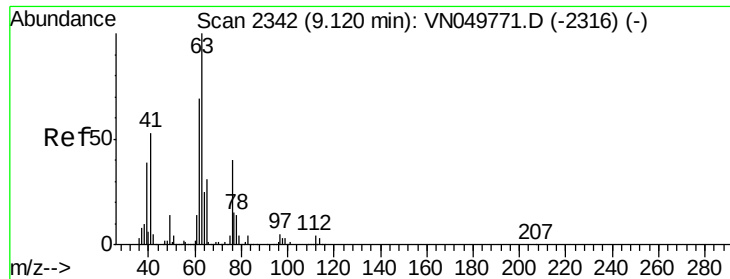
95 97.3 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VN049815.D (-2161) (-)

Ion 94.90 (94.60 to 95.60): VN049815.D (-2161) (-)

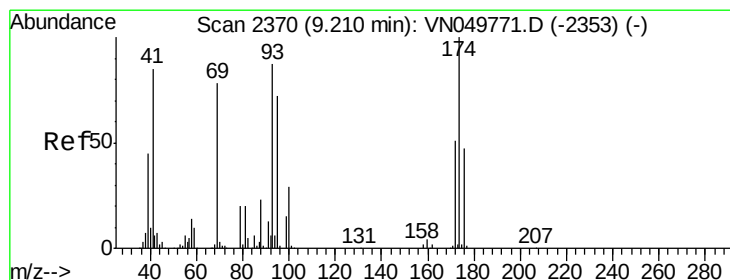
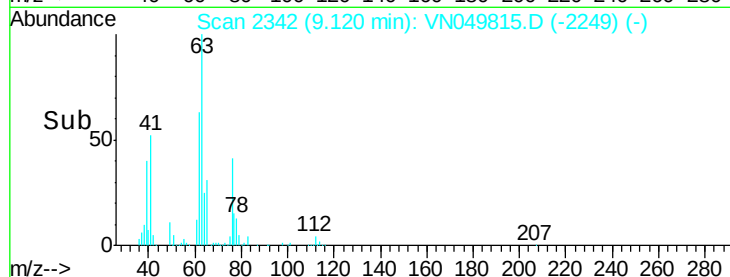
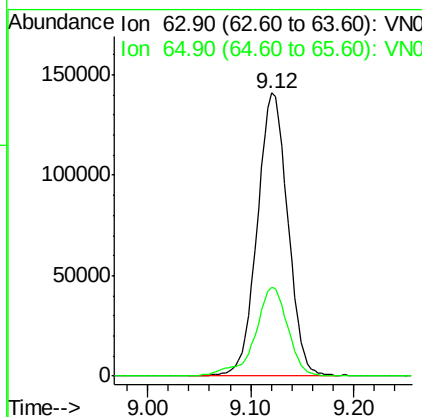
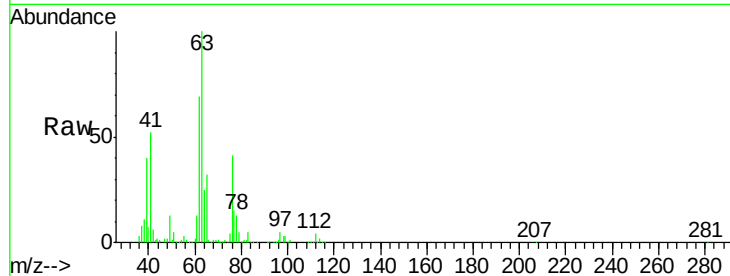




#45
 1,2-Dichloropropane
 Concen: 18.88 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049815.D
 Acq: 13 Jul 2018 23:56

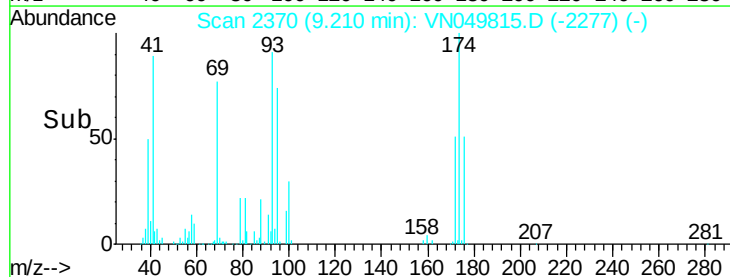
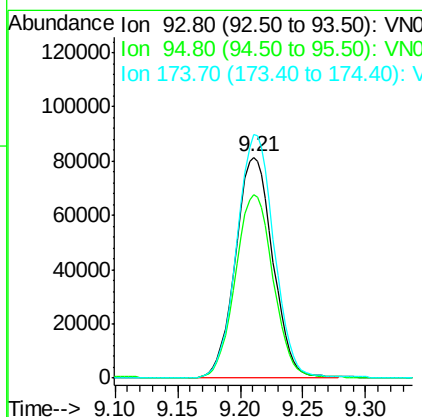
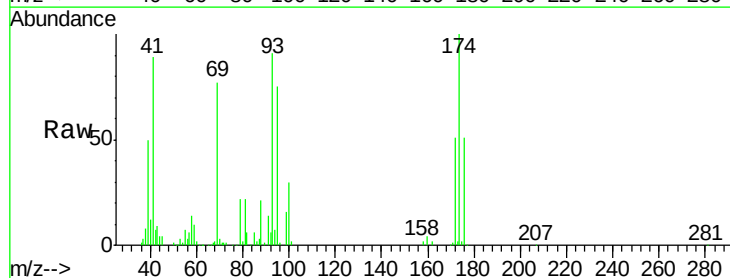
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBS02

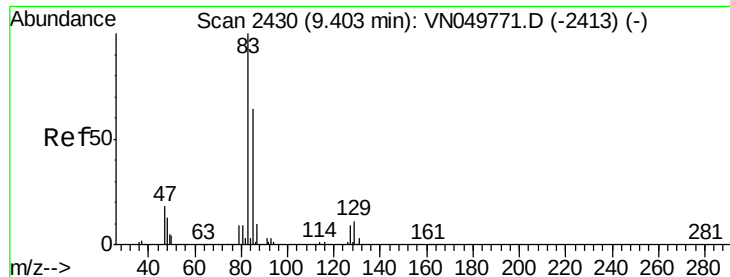
Tot Ion: 63 Resp: 289513
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.7 37.1



#46
 Dibromomethane
 Concen: 18.62 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN049815.D
 Acq: 13 Jul 2018 23:56

Tgt Ion: 93 Resp: 169535
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.9 101.9
 174 109.4 89.4 134.0





#47

Bromodichloromethane

Concen: 18.86 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBS02

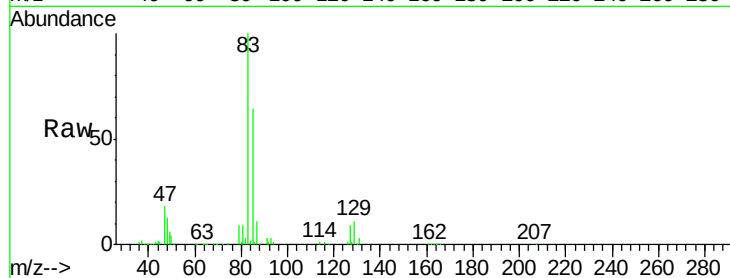
Tot Ion: 83 Resp: 378156

Ion Ratio Lower Upper

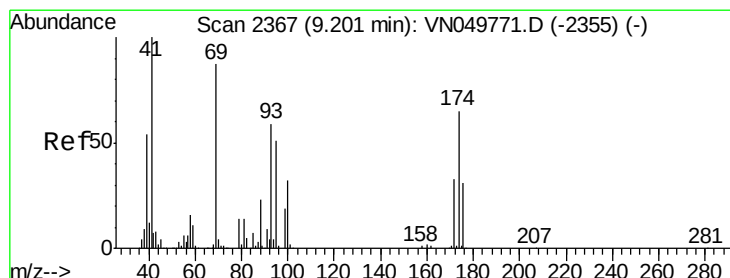
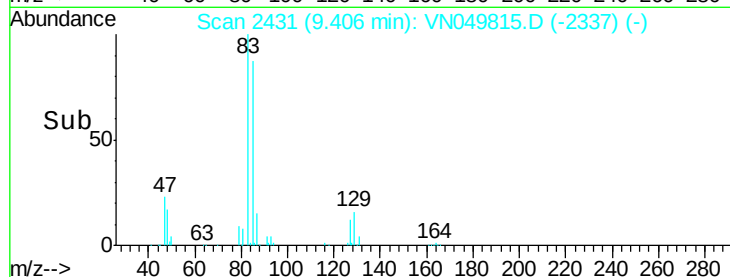
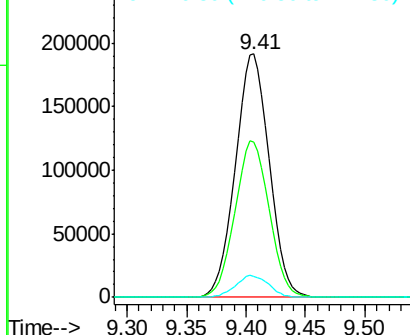
83 100

85 64.0 50.5 75.7

127 8.7 6.8 10.2



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



#48

Methyl methacrylate

Concen: 18.15 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

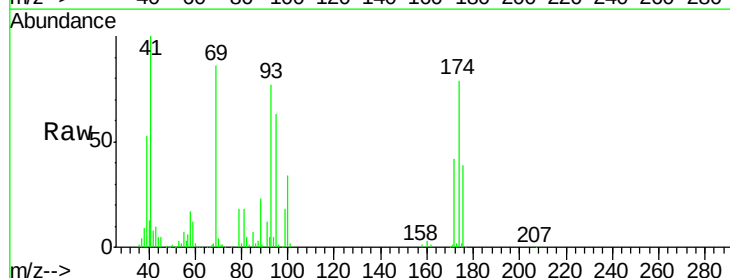
Tgt Ion: 41 Resp: 184102

Ion Ratio Lower Upper

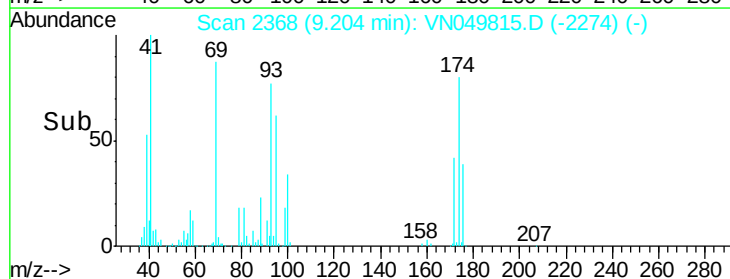
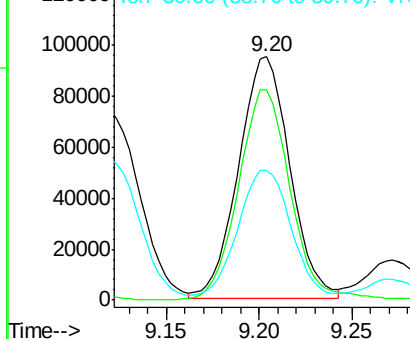
41 100

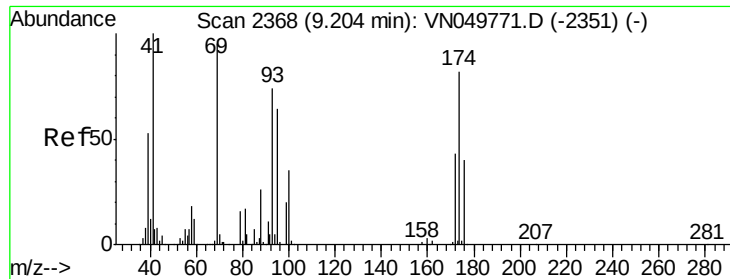
69 86.7 71.5 107.3

39 56.3 44.7 67.1



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

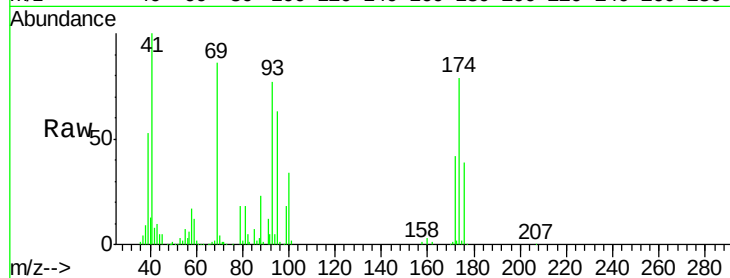




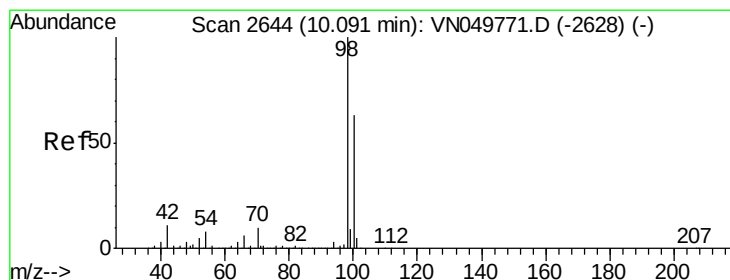
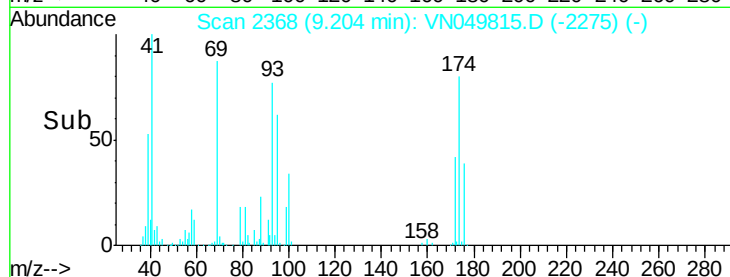
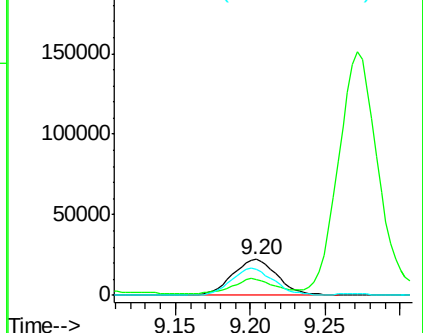
#49
1,4-Dioxane
Concen: 351.66 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049815.D
Acq: 13 Jul 2018 23:56

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS02

Tot Ion: 88 Resp: 46748
Ion Ratio Lower Upper
88 100
43 35.6 25.1 37.7
58 70.4 52.5 78.7

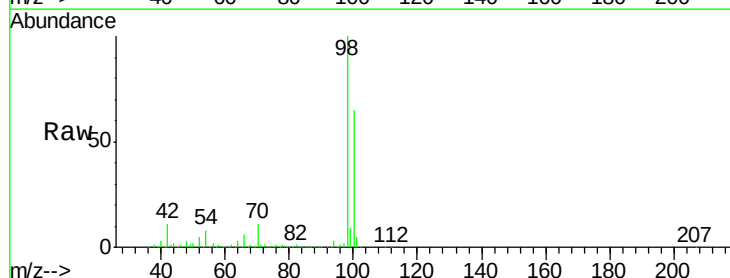


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

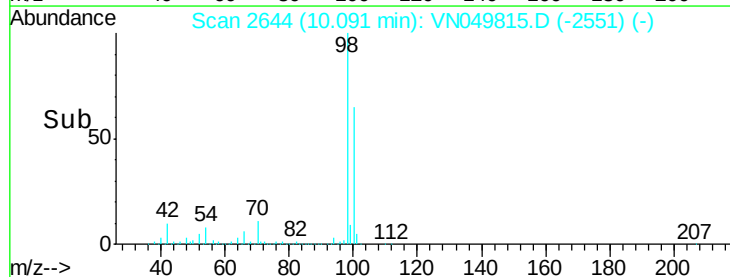
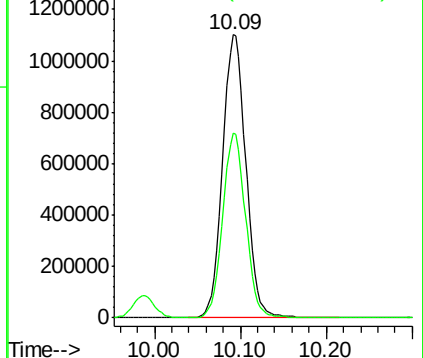


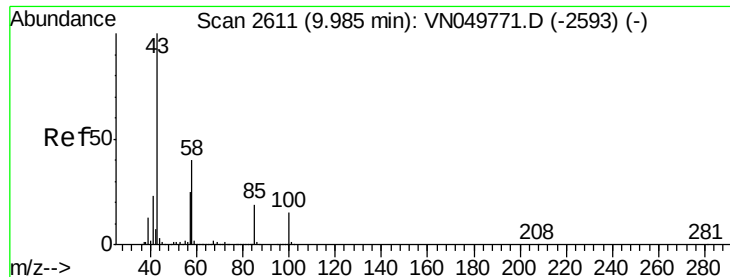
#50
Toluene-d8
Concen: 48.62 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049815.D
Acq: 13 Jul 2018 23:56

Tgt Ion: 98 Resp: 2076081
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5



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

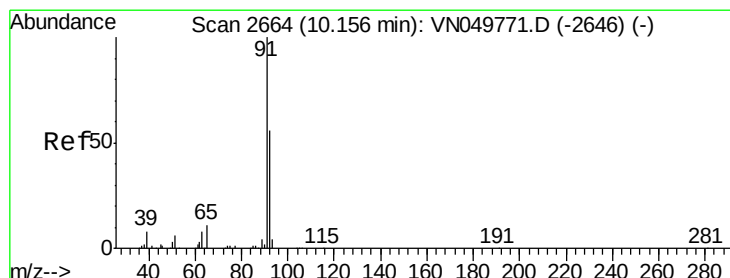
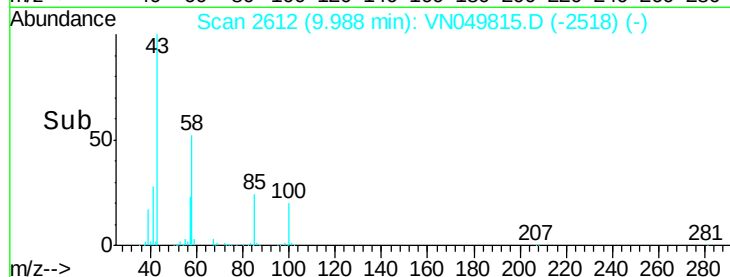
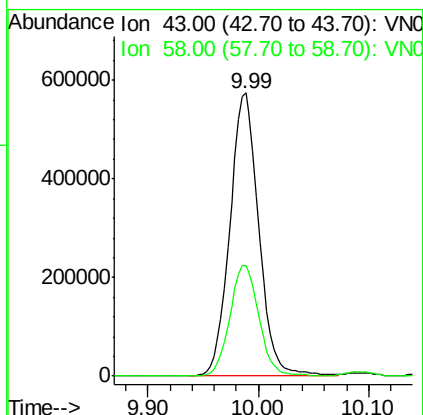
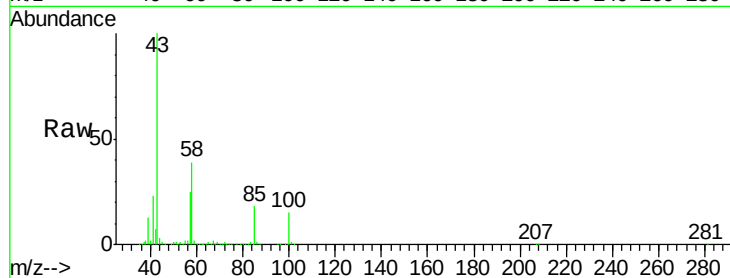




#51
4-Methyl-2-Pentanone
Concen: 94.33 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049815.D
Acq: 13 Jul 2018 23:56

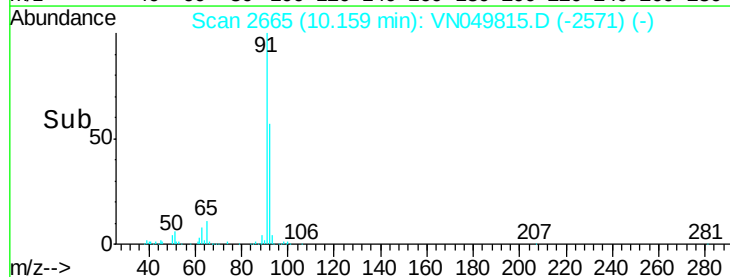
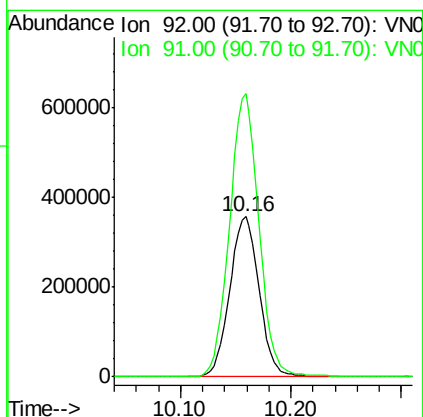
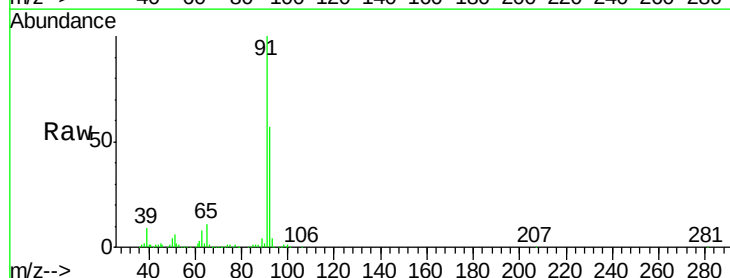
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS02

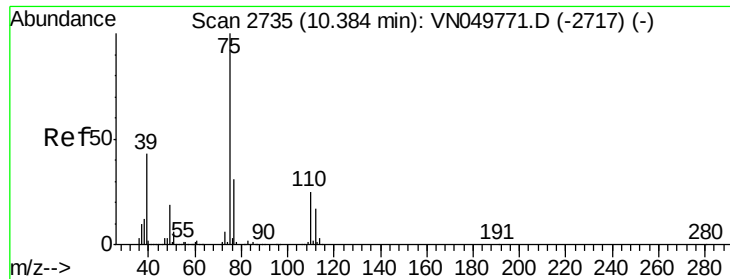
Tot Ion: 43 Resp: 1039296
Ion Ratio Lower Upper
43 100
58 39.6 31.8 47.8



#52
Toluene
Concen: 19.28 ug/l
RT: 10.16 min Scan# 2665
Delta R.T. 0.00 min
Lab File: VN049815.D
Acq: 13 Jul 2018 23:56

Tgt Ion: 92 Resp: 658401
Ion Ratio Lower Upper
92 100
91 177.1 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 17.70 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

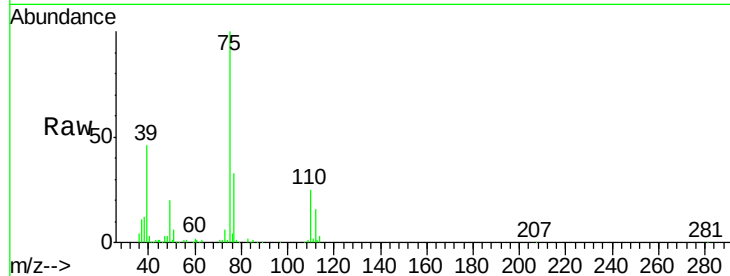
VN0713WBS02

Tot Ion: 75 Resp: 341512

Ion Ratio Lower Upper

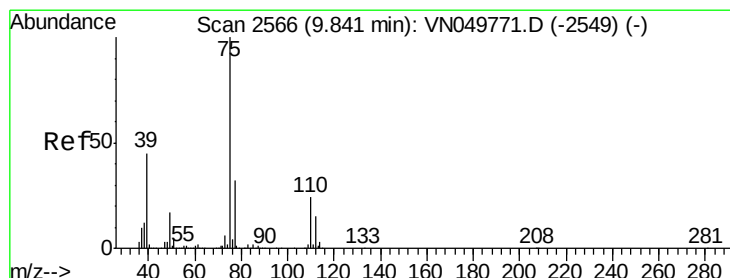
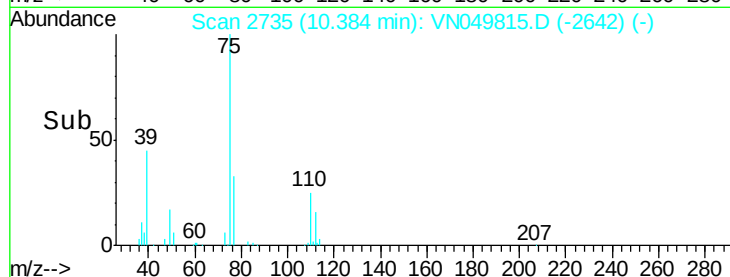
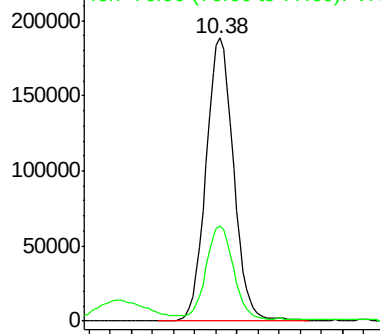
75 100

77 33.0 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.35 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

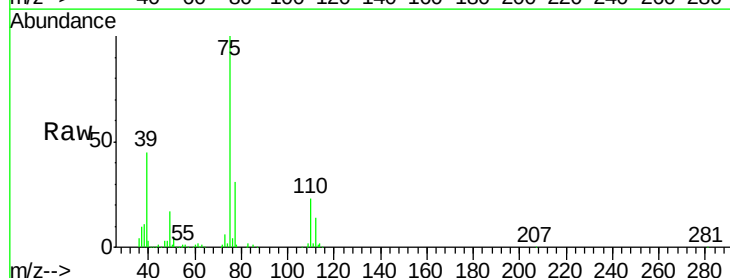
Tgt Ion: 75 Resp: 403095

Ion Ratio Lower Upper

75 100

77 30.8 25.3 37.9

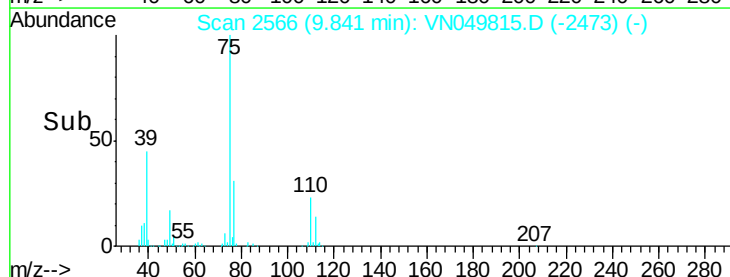
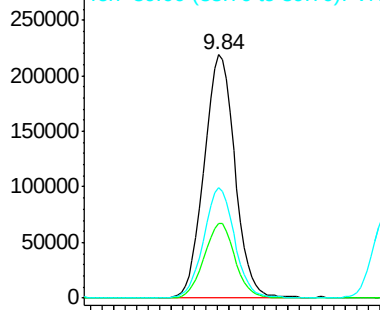
39 45.0 35.5 53.3

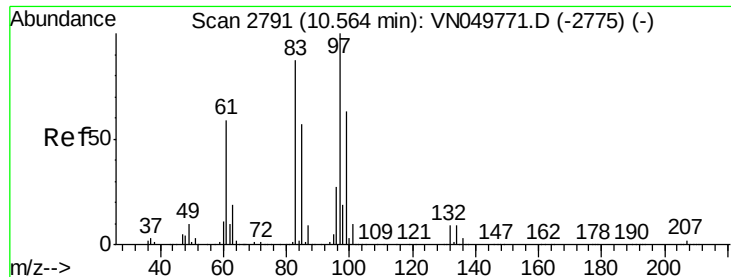


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

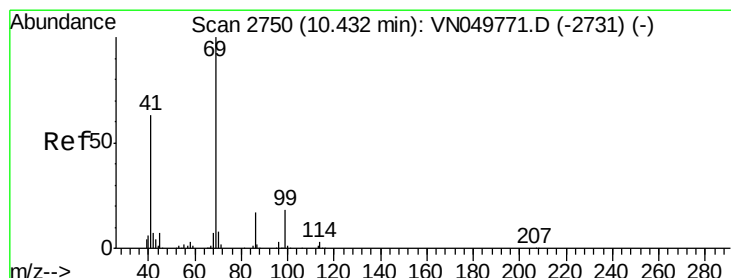
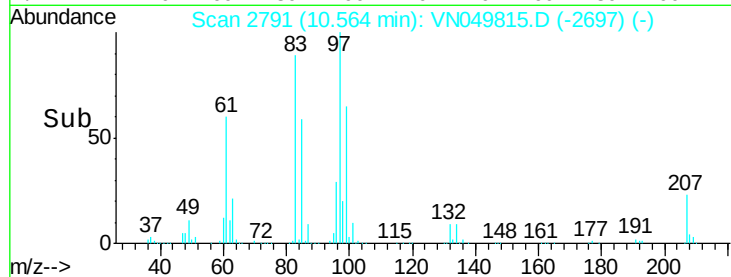
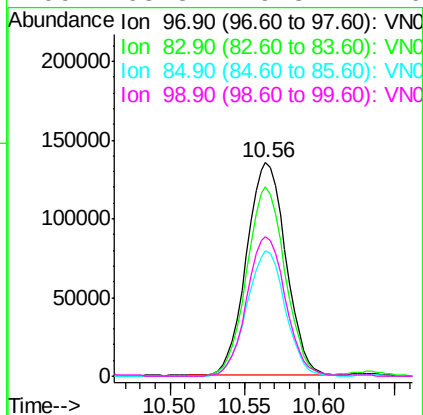
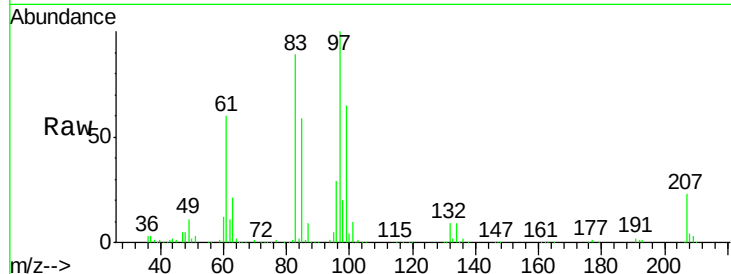




#55
 1,1,2-Trichloroethane
 Concen: 18.70 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049815.D
 Acq: 13 Jul 2018 23:56

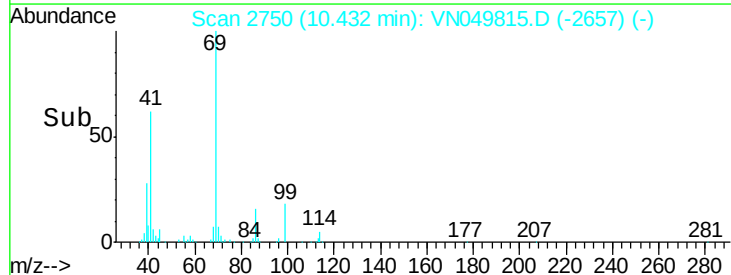
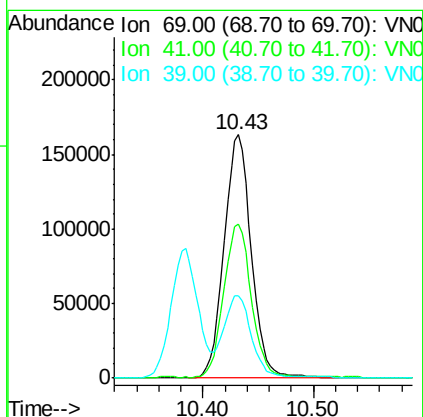
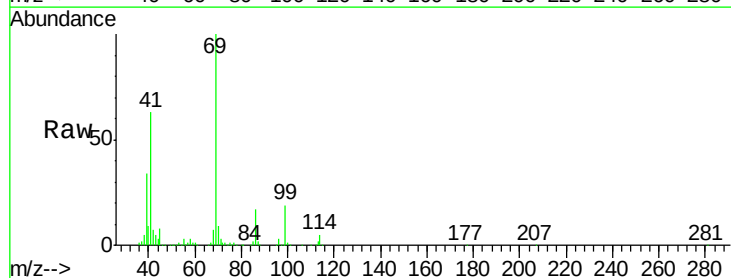
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBS02

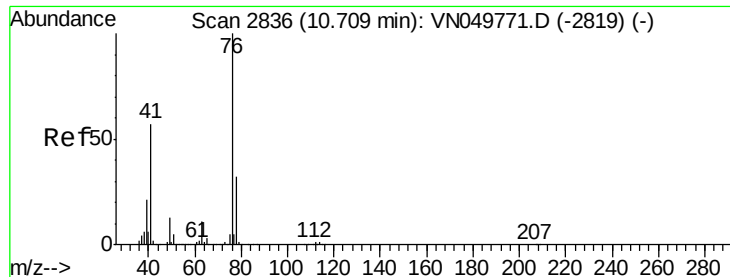
Tot Ion	97	Resp	247074
Ion	Ratio	Lower	Upper
97	100		
83	89.1	69.0	103.6
85	59.3	44.9	67.3
99	65.8	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 18.12 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049815.D
 Acq: 13 Jul 2018 23:56

Tgt Ion	69	Resp	279269
Ion	Ratio	Lower	Upper
69	100		
41	63.3	51.6	77.4
39	34.4	25.8	38.8





#57

1,3-Dichloropropane

Concen: 18.58 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampled :

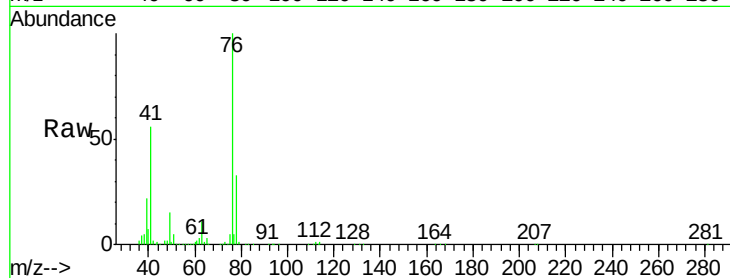
VN0713WBS02

Tot Ion: 76 Resp: 404197

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

250000

200000

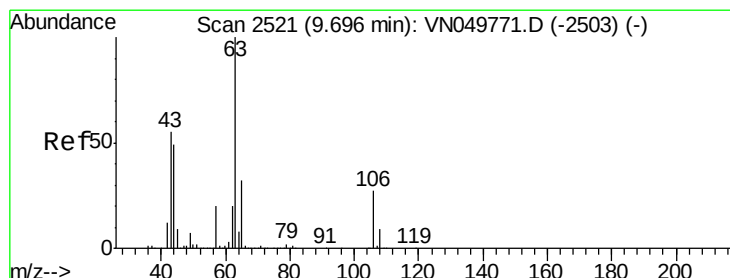
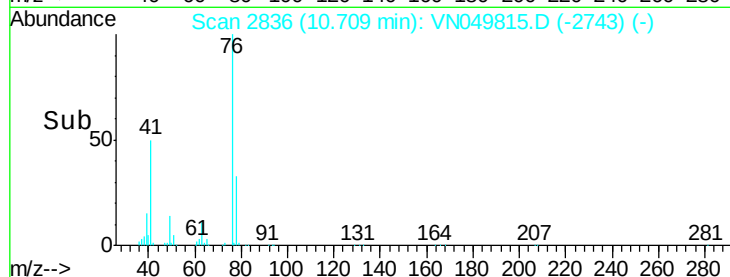
150000

100000

50000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 92.34 ug/l

RT: 9.70 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VN049815.D

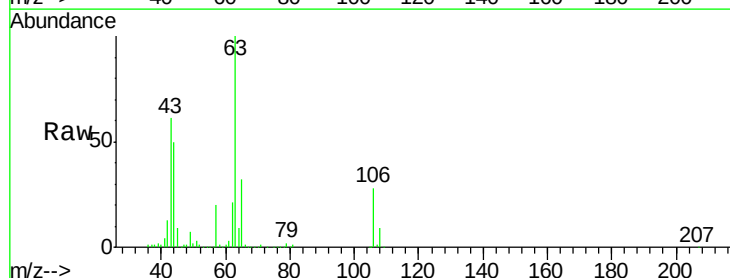
Acq: 13 Jul 2018 23:56

Tgt Ion: 63 Resp: 682600

Ion Ratio Lower Upper

63 100

106 27.3 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

400000

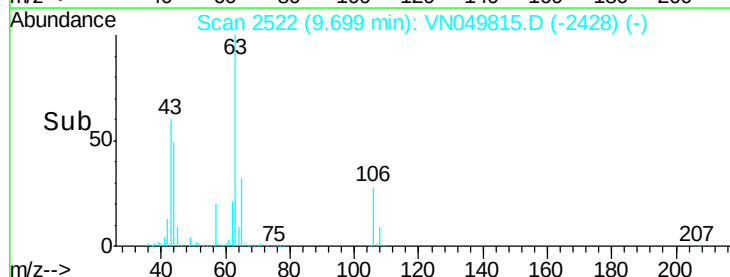
300000

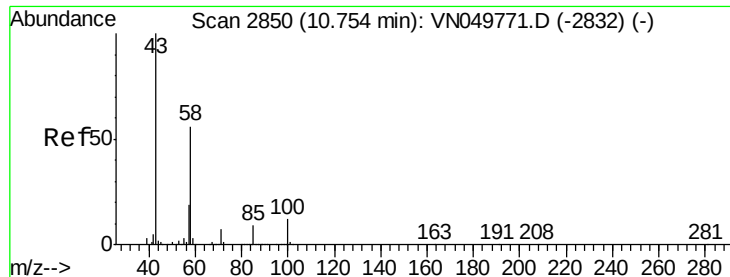
200000

100000

0

Time--> 9.60 9.70 9.80





#59

2-Hexanone

Concen: 88.18 ug/l

RT: 10.75 min Scan# 2850

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampled :

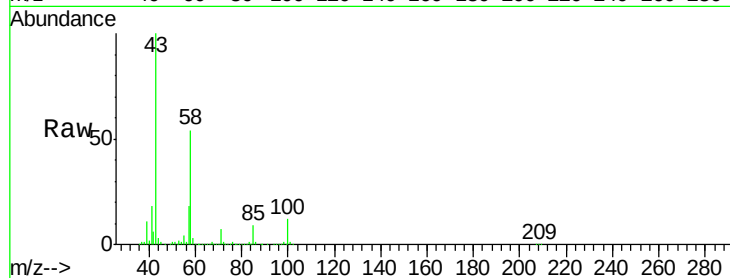
VN0713WBS02

Tot Ion: 43 Resp: 645893

Ion Ratio Lower Upper

43 100

58 54.3 27.8 83.4



Abundance Ion 43.00 (42.70 to 43.70): VN049771.D (-2832) (-)

Ion 58.00 (57.70 to 58.70): VN049771.D (-2832) (-)

10.75

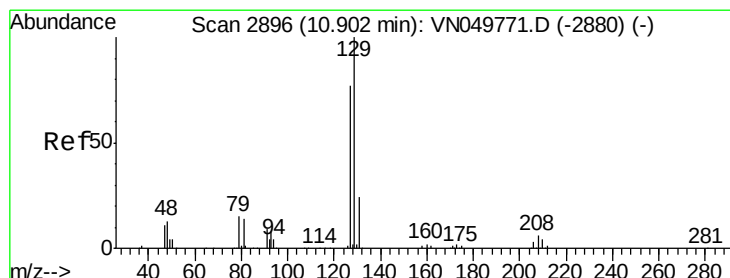
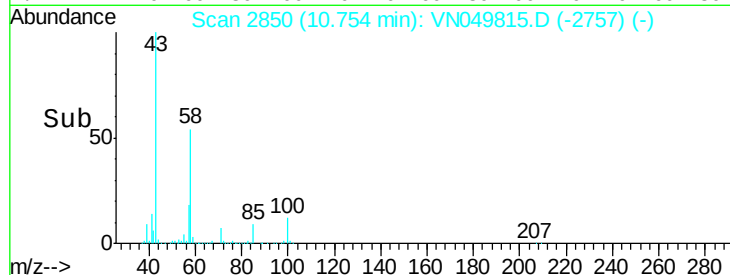
300000

200000

100000

0

Time-->



#60

Dibromochloromethane

Concen: 19.02 ug/l

RT: 10.90 min Scan# 2897

Delta R.T. 0.00 min

Lab File: VN049815.D

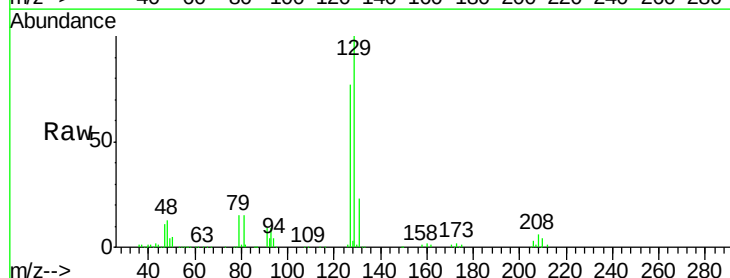
Acq: 13 Jul 2018 23:56

Tgt Ion: 129 Resp: 284522

Ion Ratio Lower Upper

129 100

127 76.1 38.3 114.9



Abundance Ion 128.80 (128.50 to 129.50): VN049771.D (-2880) (-)

Ion 126.80 (126.50 to 127.50): VN049771.D (-2880) (-)

10.90

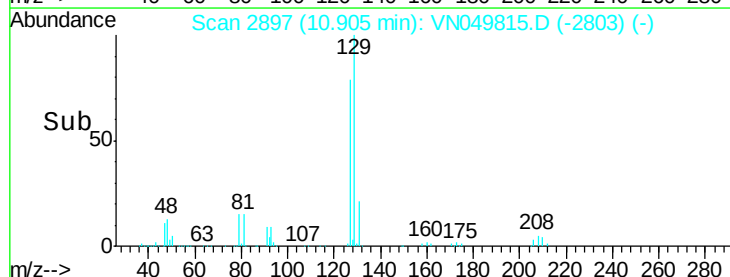
150000

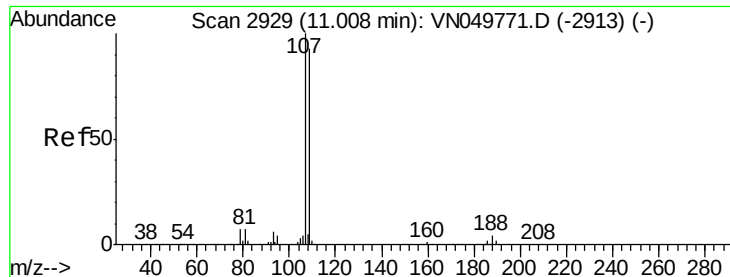
100000

50000

0

Time-->





#61

1,2-Dibromoethane

Concen: 18.55 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

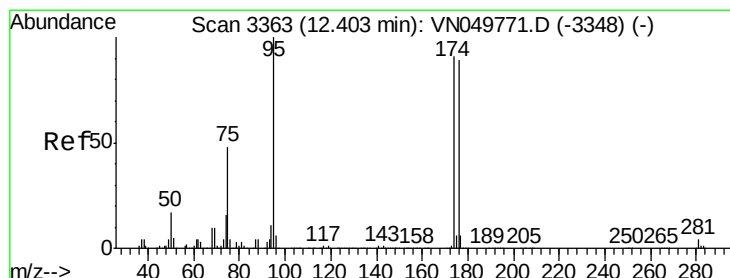
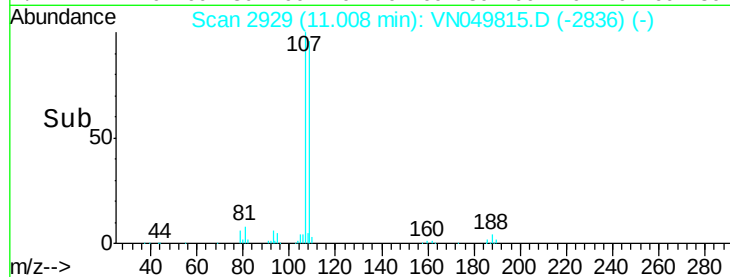
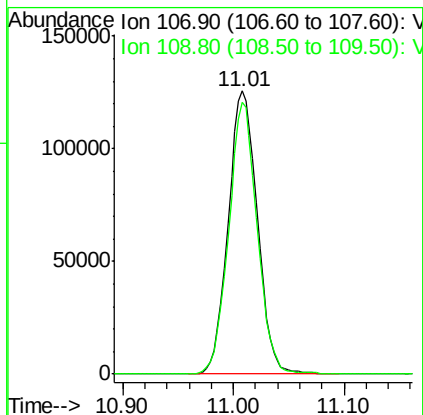
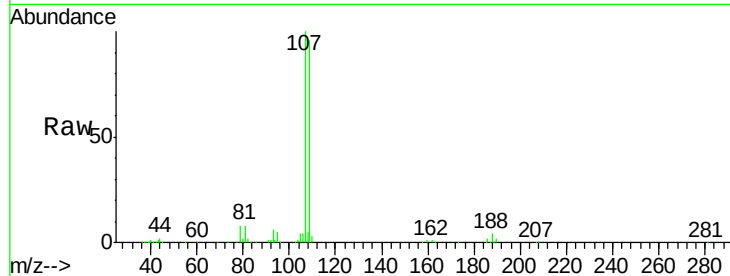
VN0713WBS02

Tot Ion:107 Resp: 230543

Ion Ratio Lower Upper

107 100

109 93.9 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 47.60 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

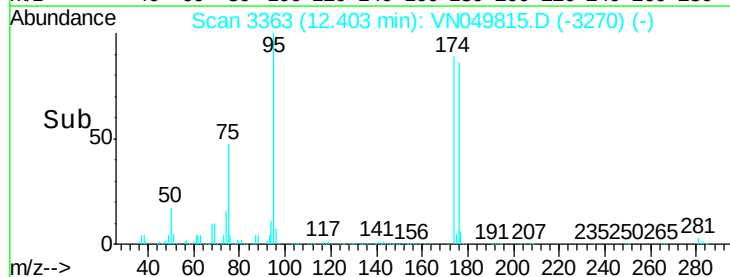
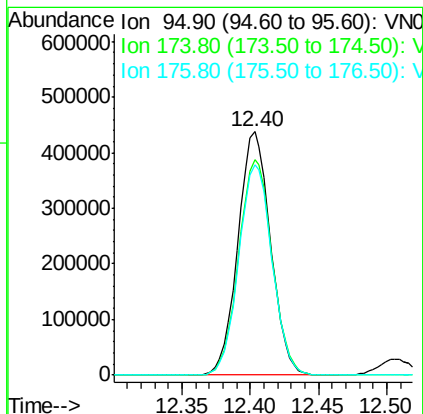
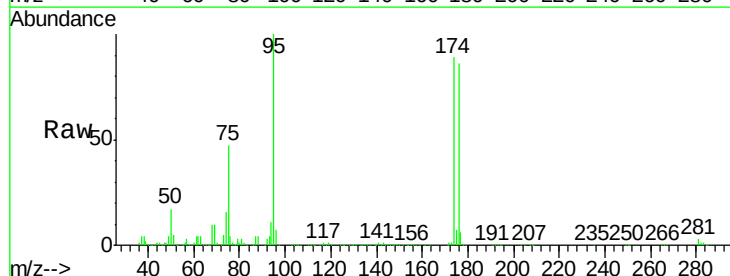
Tgt Ion: 95 Resp: 725987

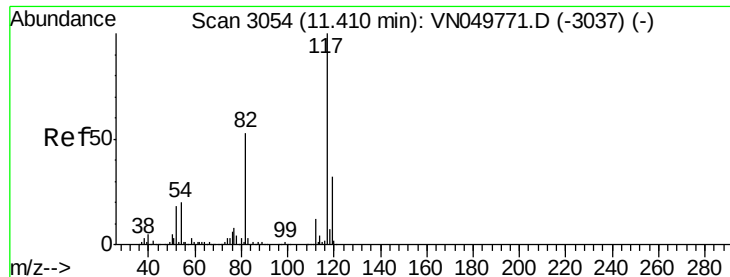
Ion Ratio Lower Upper

95 100

174 90.6 0.0 179.6

176 88.3 0.0 174.0

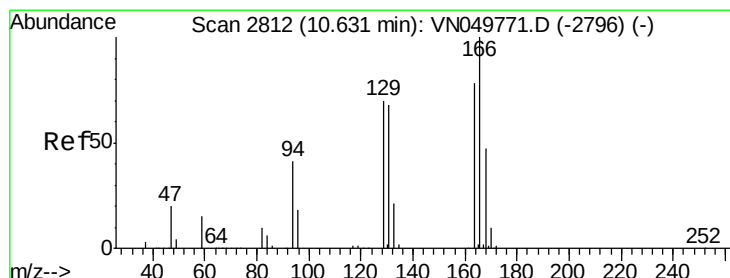
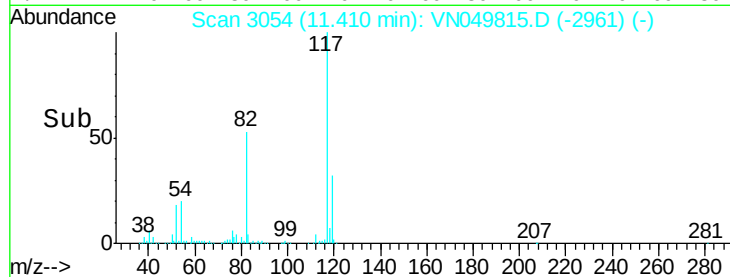
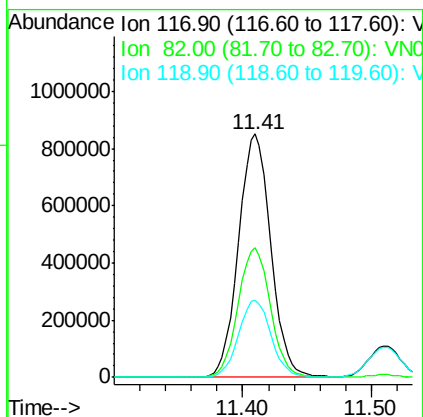
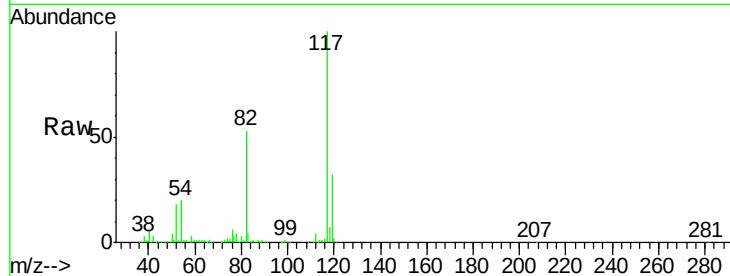




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049815.D
Acq: 13 Jul 2018 23:56

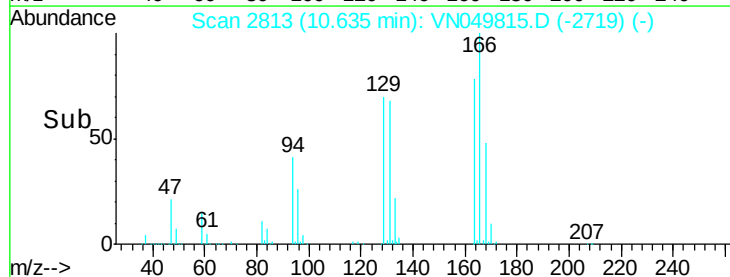
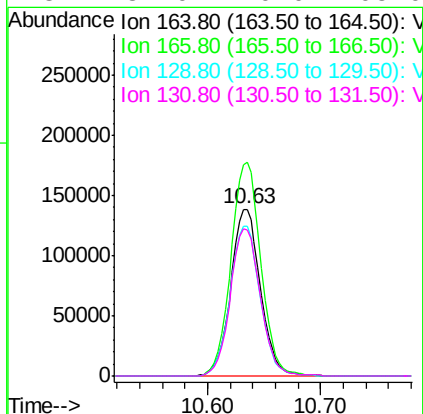
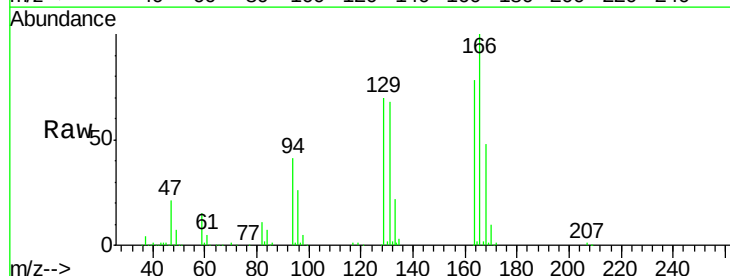
Instrument :
MSVOA_N
ClientSampled :
VN0713WBS02

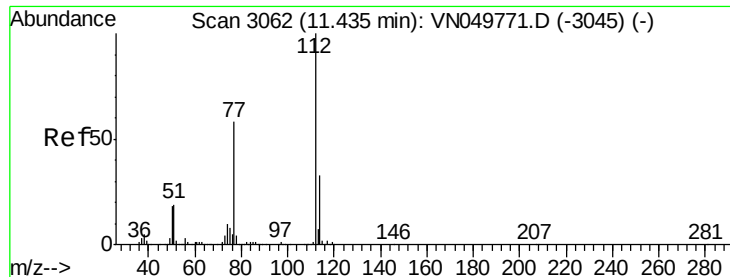
Tot Ion:117 Resp: 1481365
Ion Ratio Lower Upper
117 100
82 53.1 41.9 62.9
119 31.7 25.4 38.2



#64
Tetrachloroethene
Concen: 18.82 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN049815.D
Acq: 13 Jul 2018 23:56

Tgt Ion:164 Resp: 253111
Ion Ratio Lower Upper
164 100
166 128.0 101.8 152.6
129 89.5 72.8 109.2
131 87.0 70.0 105.0

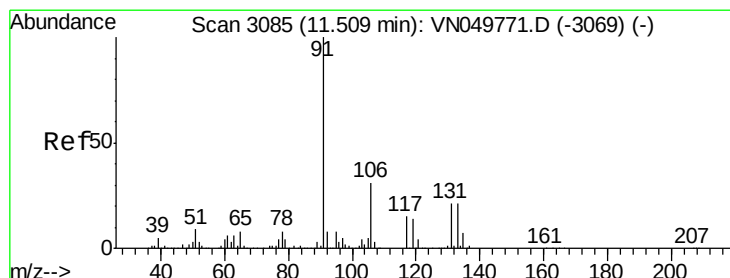
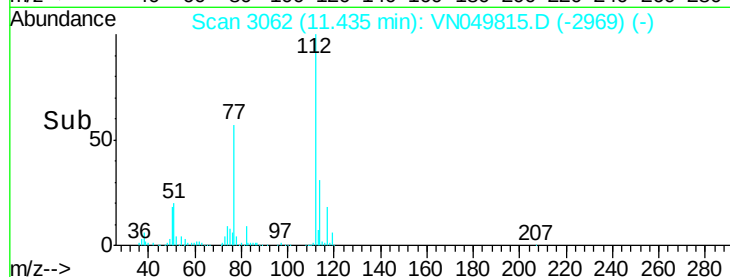
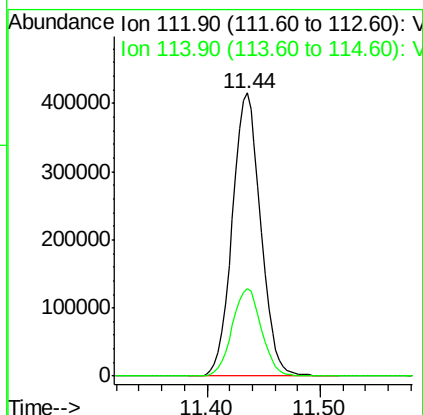
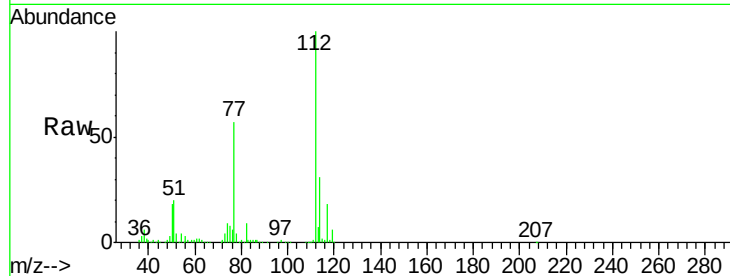




#65
Chlorobenzene
Concen: 18.79 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049815.D
Acq: 13 Jul 2018 23:56

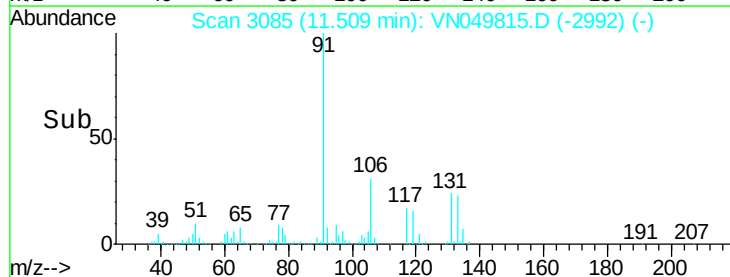
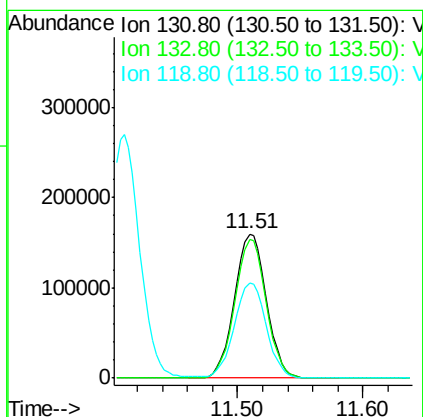
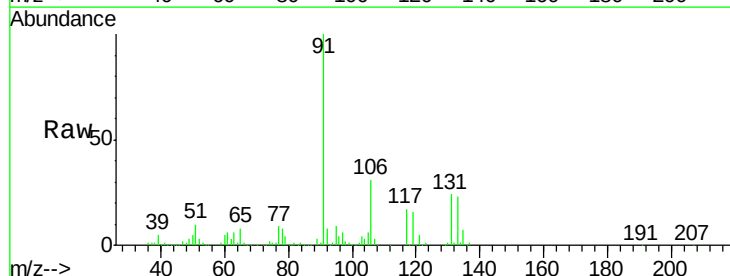
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS02

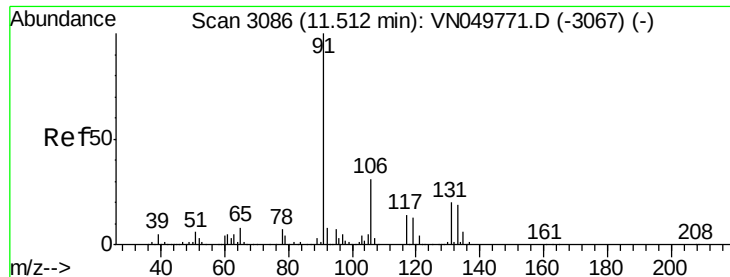
Tot Ion:112 Resp: 725050
Ion Ratio Lower Upper
112 100
114 30.9 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.43 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN049815.D
Acq: 13 Jul 2018 23:56

Tgt Ion:131 Resp: 282057
Ion Ratio Lower Upper
131 100
133 94.4 47.5 142.6
119 66.4 33.1 99.3





#67

Ethyl Benzene

Concen: 18.73 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampled :

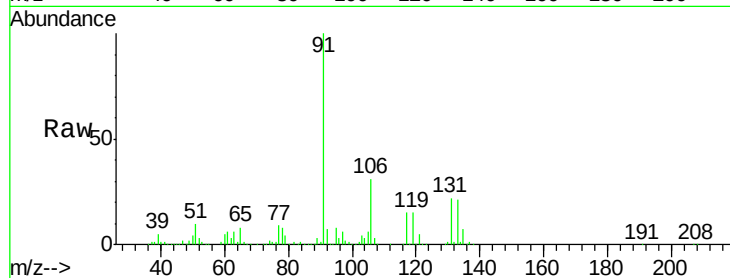
VN0713WBS02

Tot Ion: 91 Resp: 1183375

Ion Ratio Lower Upper

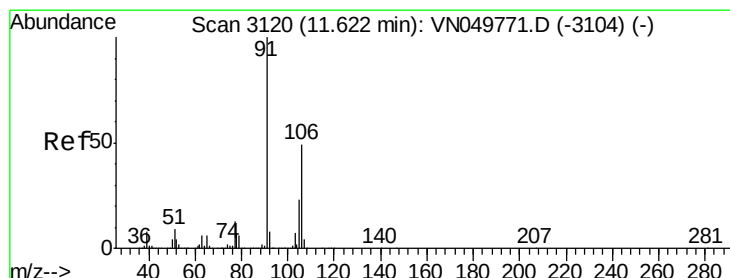
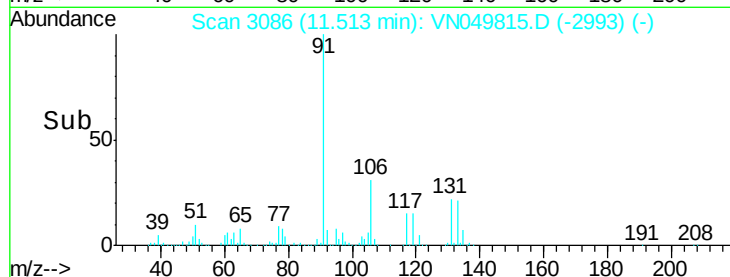
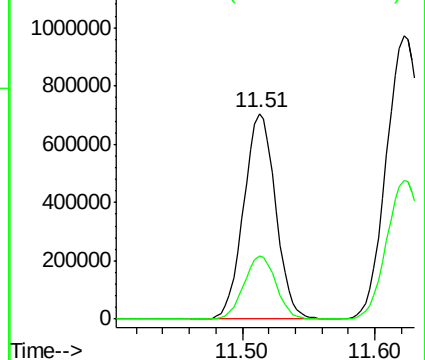
91 100

106 30.6 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.64 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049815.D

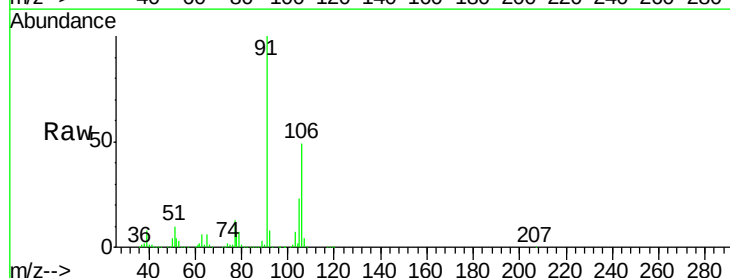
Acq: 13 Jul 2018 23:56

Tgt Ion: 106 Resp: 916437

Ion Ratio Lower Upper

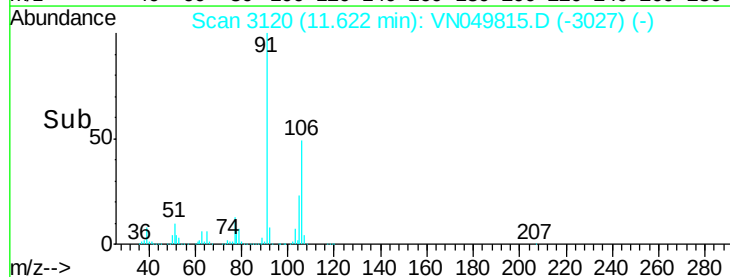
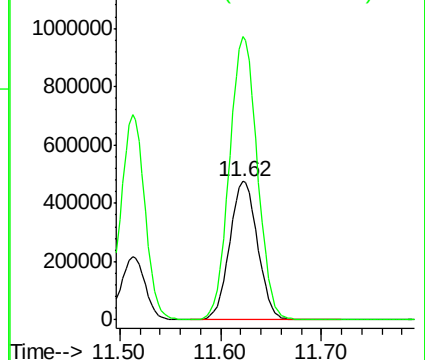
106 100

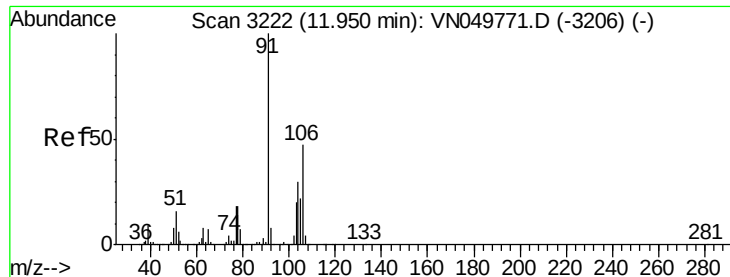
91 204.1 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

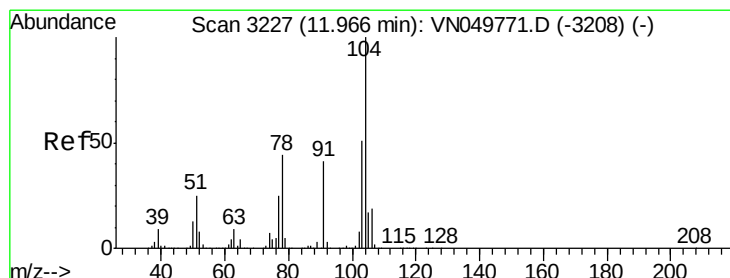
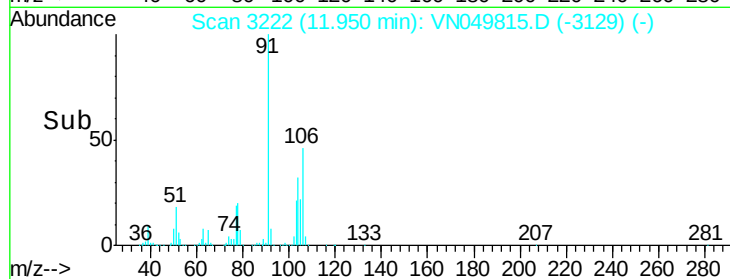
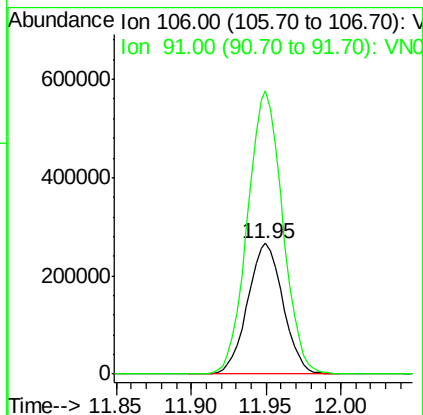
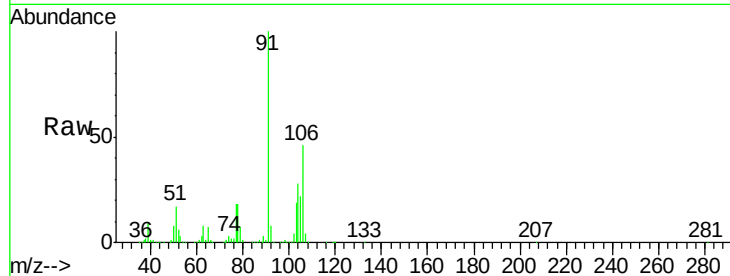




#69
o-Xylene
Concen: 19.17 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049815.D
Acq: 13 Jul 2018 23:56

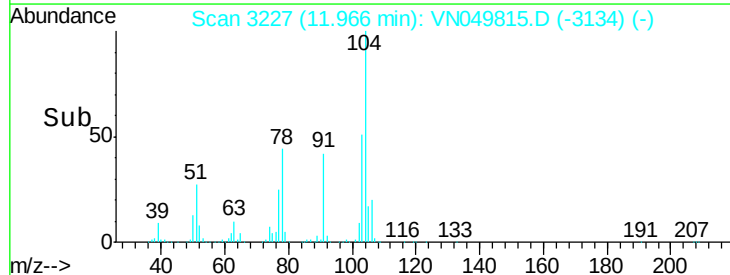
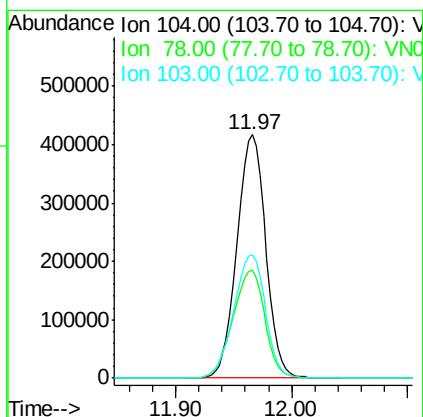
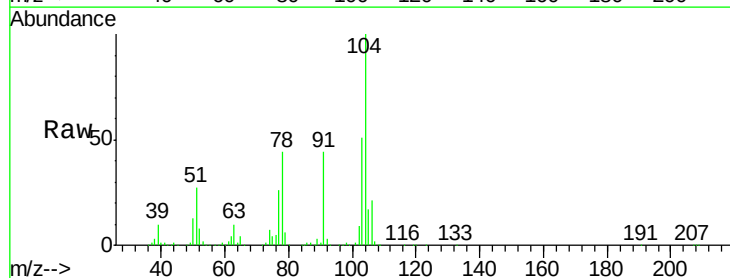
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS02

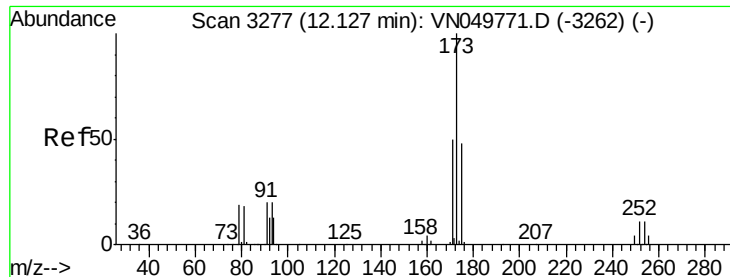
Tot Ion:106 Resp: 439206
Ion Ratio Lower Upper
106 100
91 214.3 108.7 326.1



#70
Styrene
Concen: 19.70 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049815.D
Acq: 13 Jul 2018 23:56

Tgt Ion:104 Resp: 717010
Ion Ratio Lower Upper
104 100
78 49.4 39.2 58.8
103 55.9 44.6 67.0





#71

Bromoform

Concen: 19.06 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampled :

VN0713WBS02

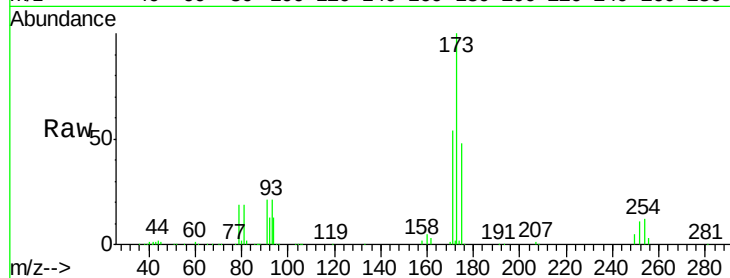
Tot Ion:173 Resp: 187013

Ion Ratio Lower Upper

173 100

175 48.0 24.6 73.8

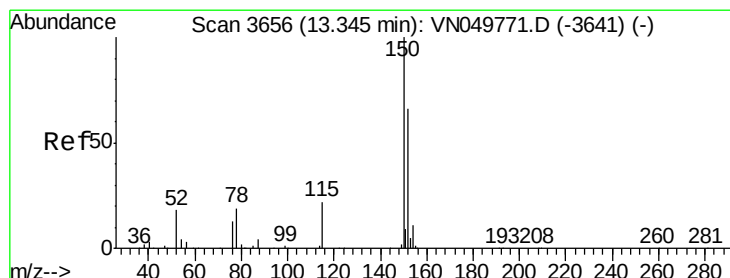
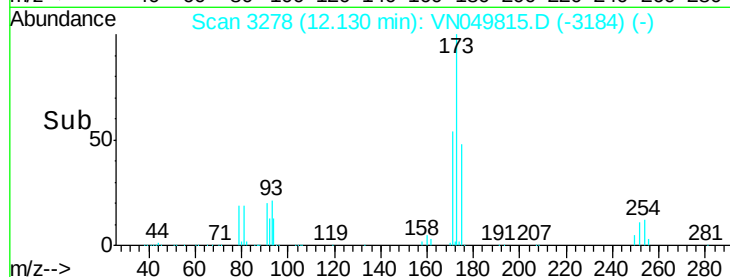
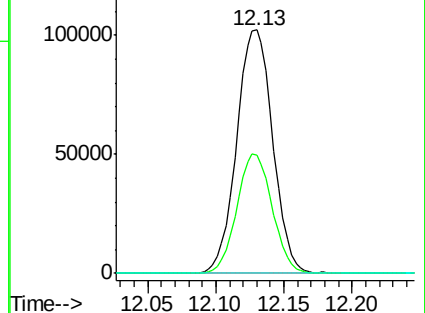
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

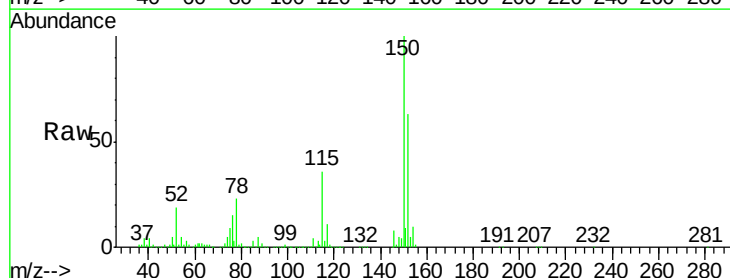
Tgt Ion:152 Resp: 748153

Ion Ratio Lower Upper

152 100

115 56.2 28.1 84.2

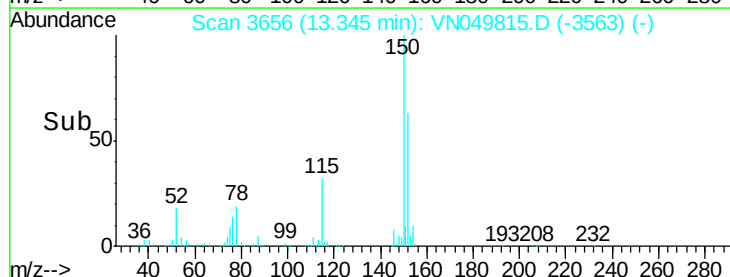
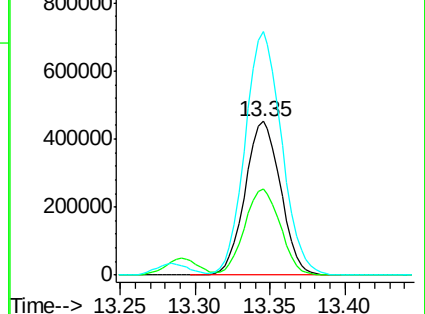
150 162.6 0.0 347.6

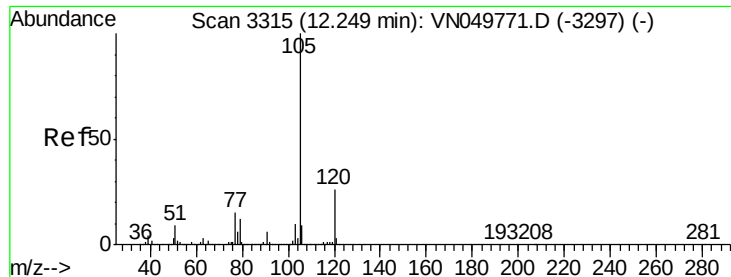


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.18 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

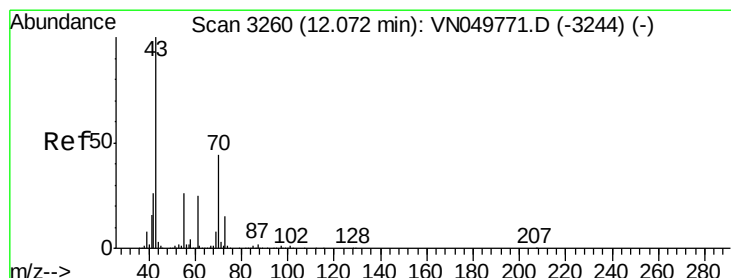
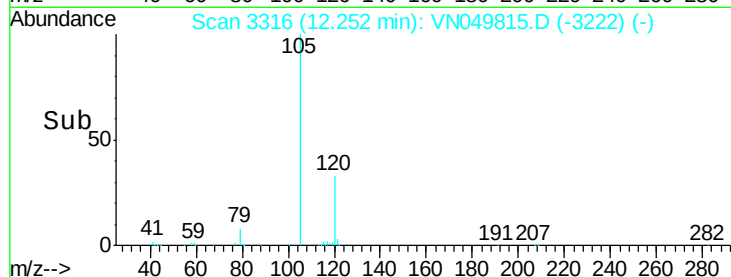
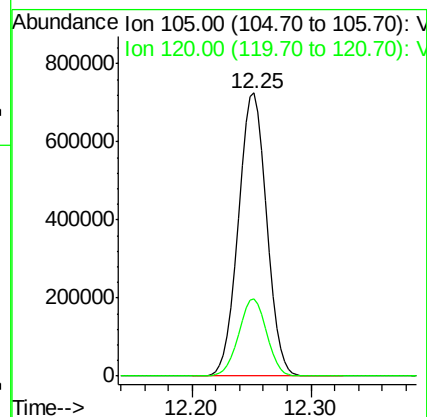
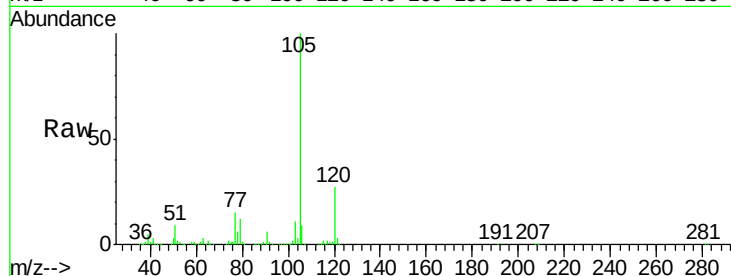
VN0713WBS02

Tot Ion:105 Resp: 1192573

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.8



#74

N-ethyl acetate

Concen: 18.39 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

Tgt Ion: 43 Resp: 297514

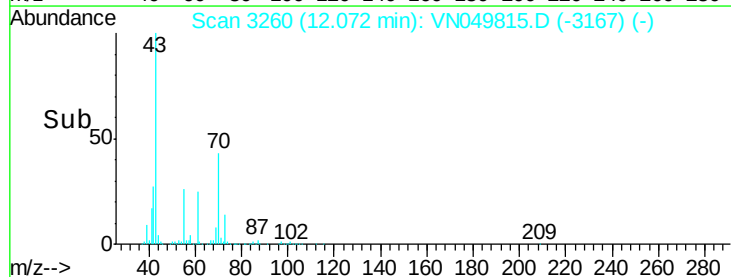
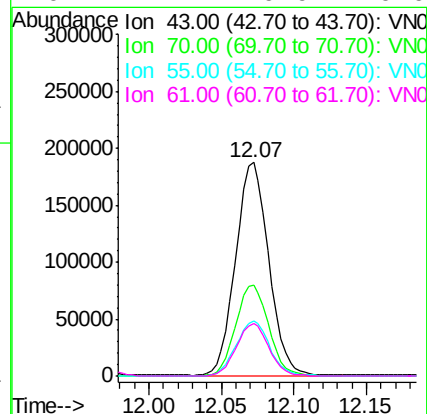
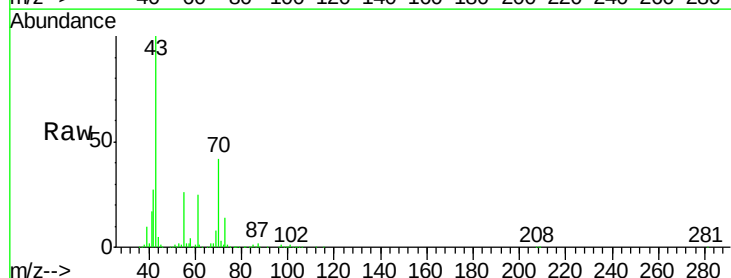
Ion Ratio Lower Upper

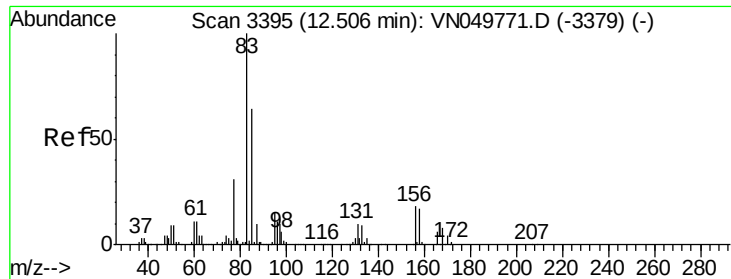
43 100

70 42.7 34.8 52.2

55 26.3 20.9 31.3

61 24.1 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.91 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBS02

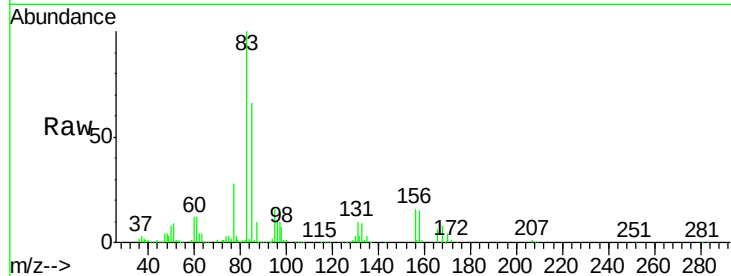
Tot Ion: 83 Resp: 302217

Ion Ratio Lower Upper

83 100

131 10.7 5.2 15.6

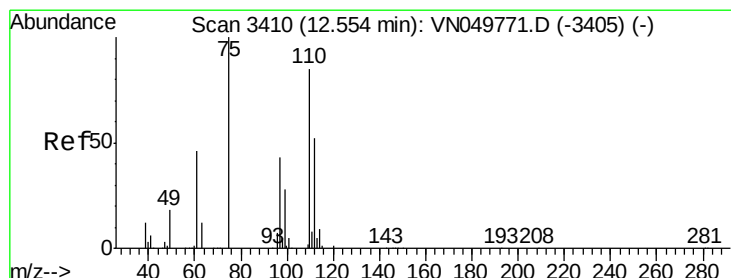
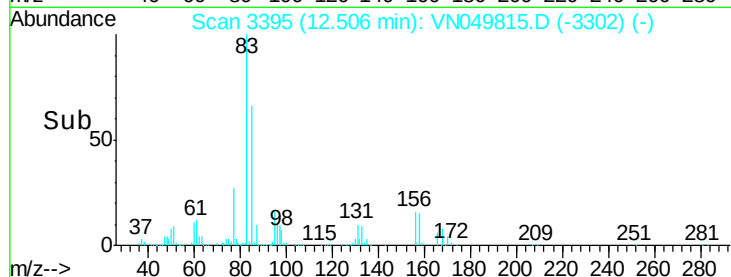
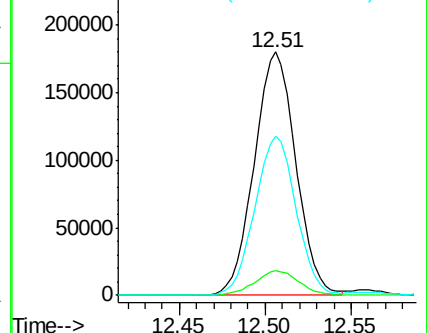
85 64.8 32.5 97.4



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: 25.67 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049815.D

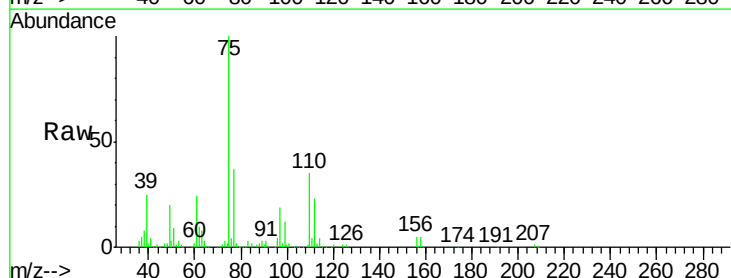
Acq: 13 Jul 2018 23:56

Tgt Ion: 75 Resp: 341113

Ion Ratio Lower Upper

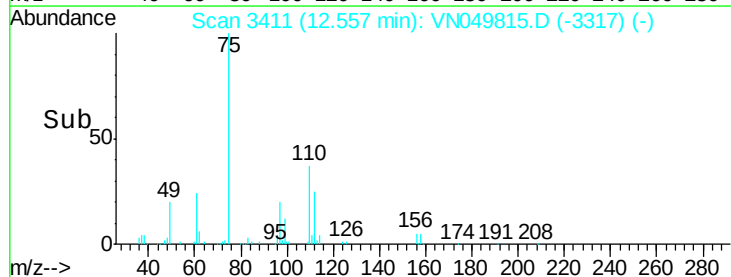
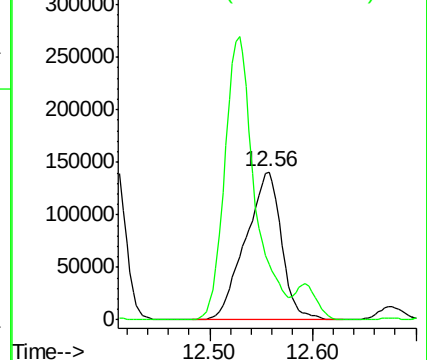
75 100

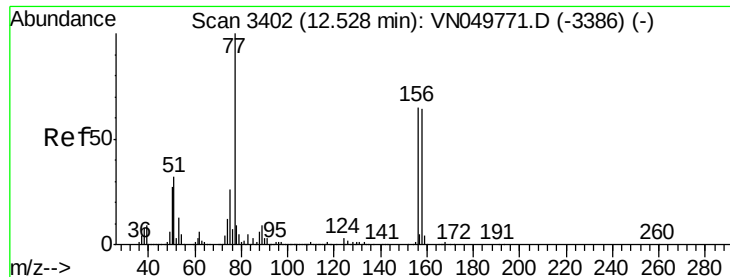
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.87 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBS02

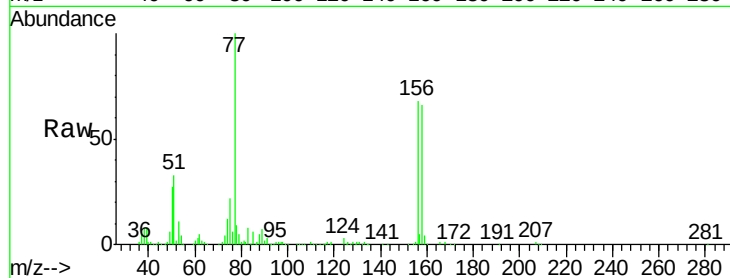
Tot Ion:156 Resp: 311177

Ion Ratio Lower Upper

156 100

77 175.5 90.2 270.6

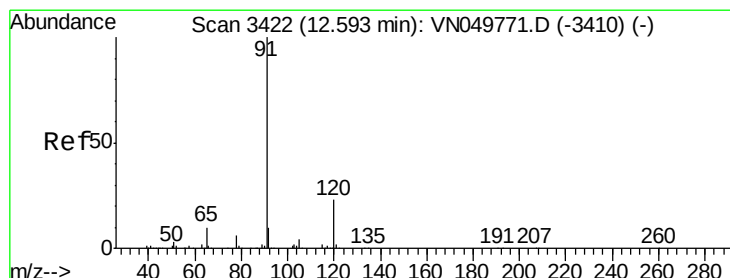
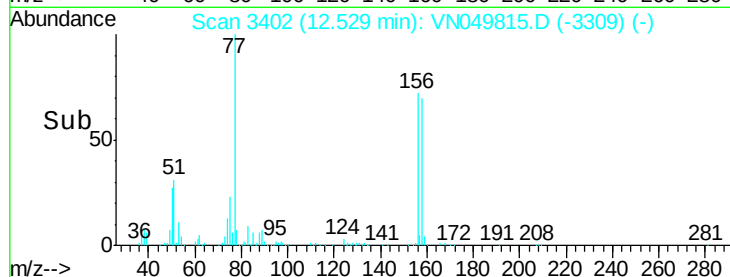
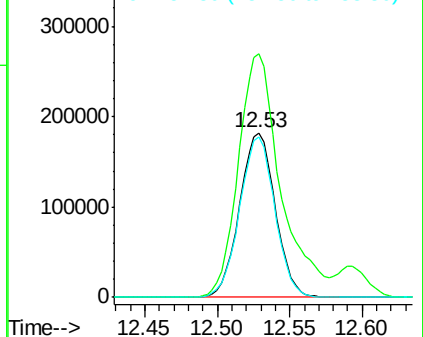
158 96.3 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.99 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049815.D

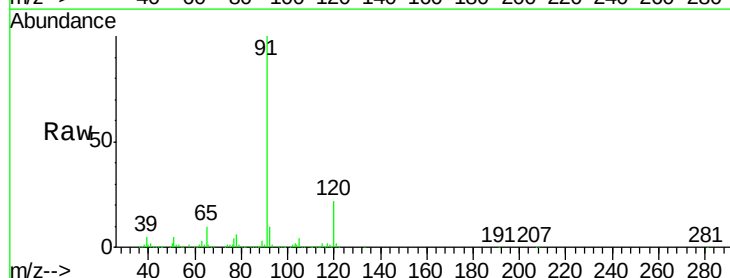
Acq: 13 Jul 2018 23:56

Tgt Ion: 91 Resp: 1331444

Ion Ratio Lower Upper

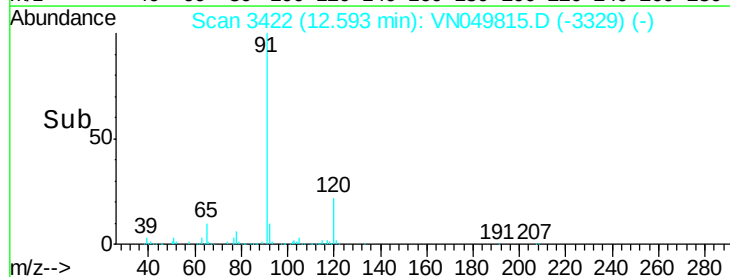
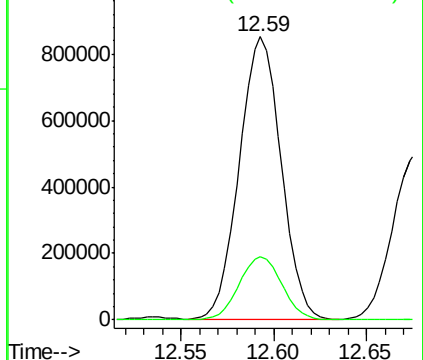
91 100

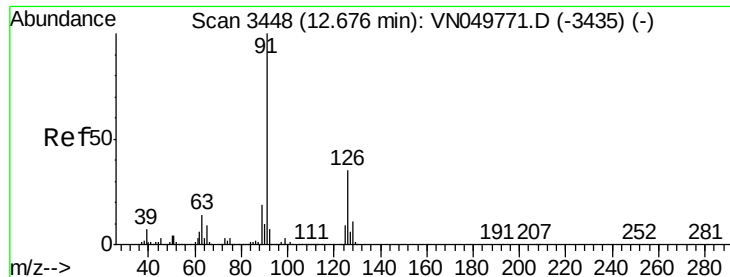
120 23.0 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.31 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

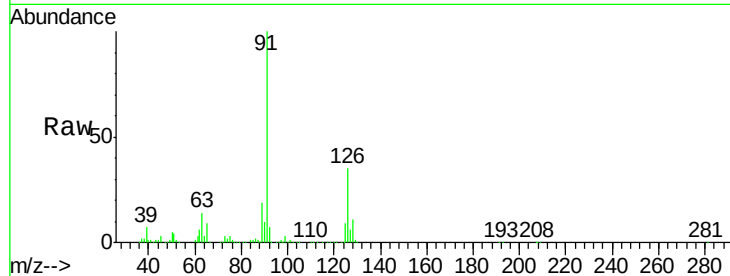
VN0713WBS02

Tot Ion: 91 Resp: 828267

Ion Ratio Lower Upper

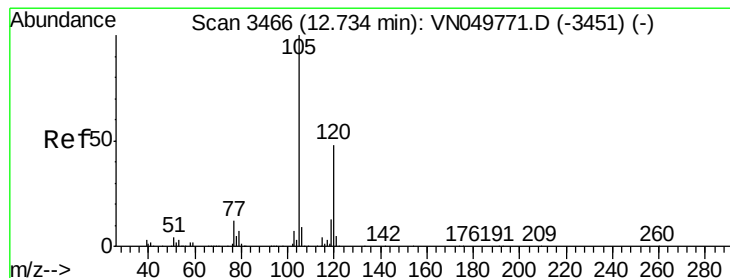
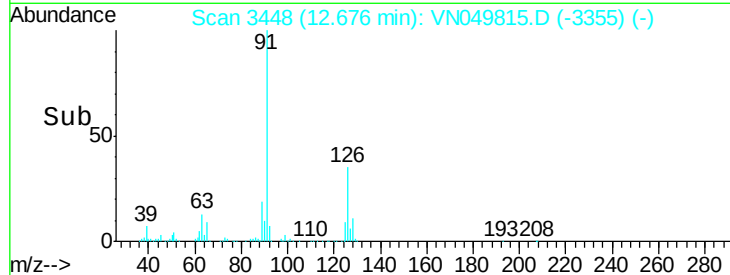
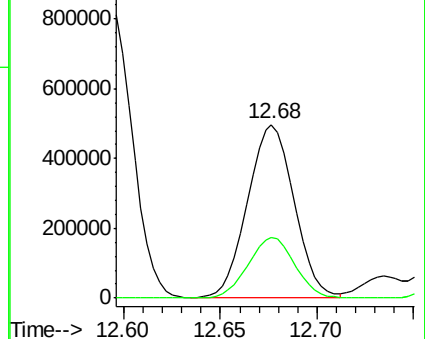
91 100

126 35.2 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.53 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049815.D

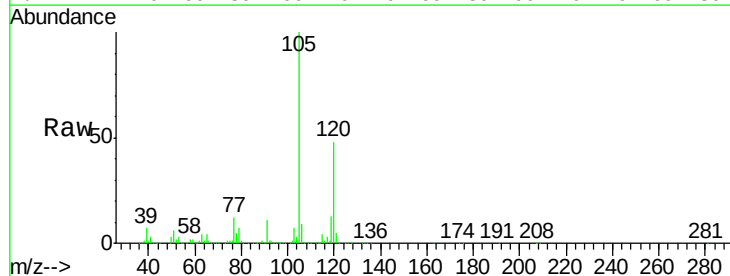
Acq: 13 Jul 2018 23:56

Tgt Ion: 105 Resp: 965149

Ion Ratio Lower Upper

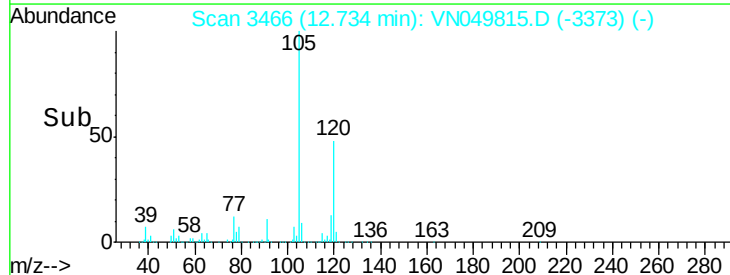
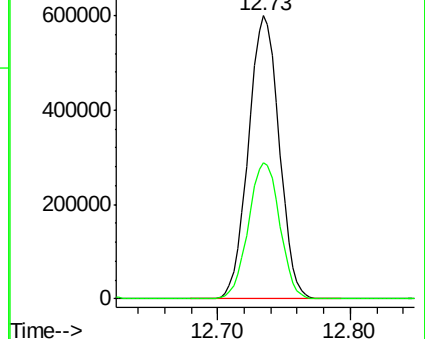
105 100

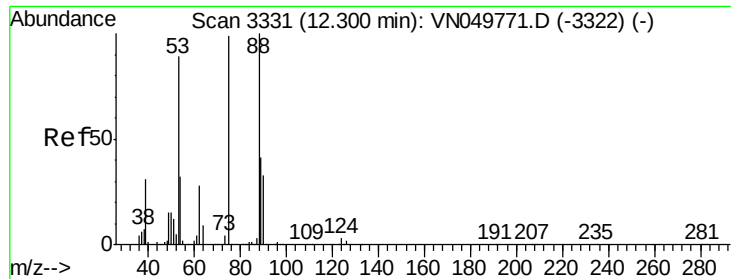
120 49.2 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.01 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampled :

VN0713WBS02

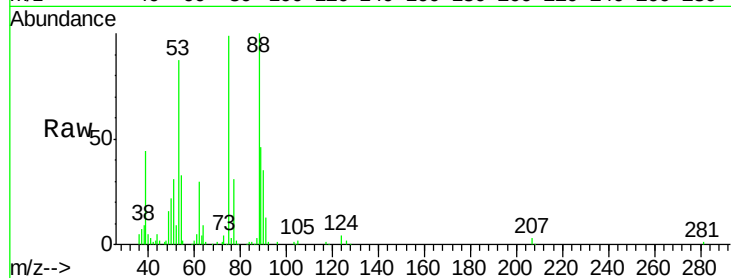
Tot Ion: 75 Resp: 70006

Ion Ratio Lower Upper

75 100

53 90.3 73.9 110.9

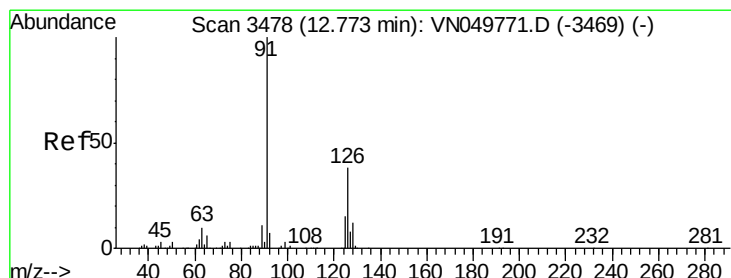
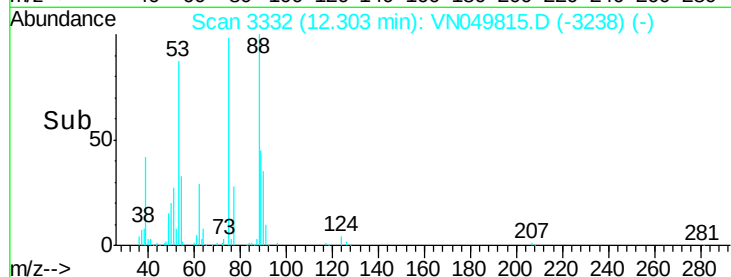
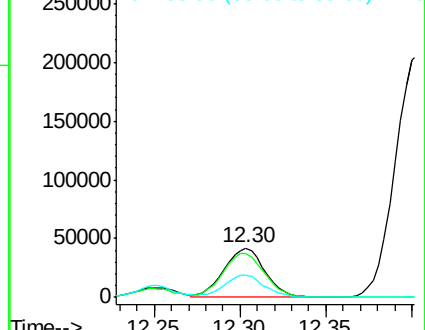
89 44.2 35.9 53.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.09 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN049815.D

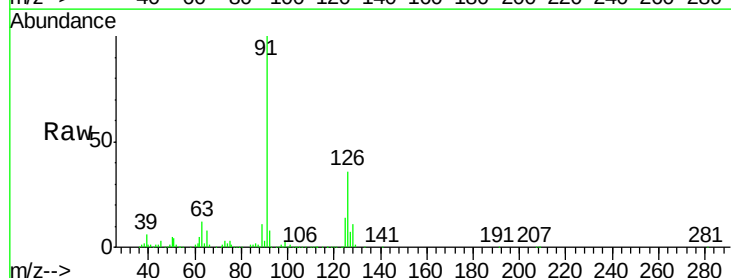
Acq: 13 Jul 2018 23:56

Tgt Ion: 91 Resp: 812380

Ion Ratio Lower Upper

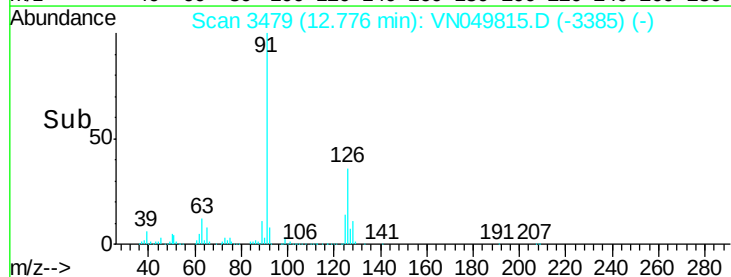
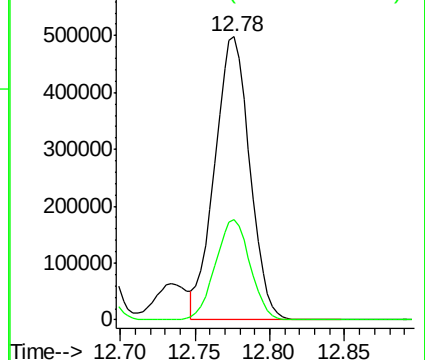
91 100

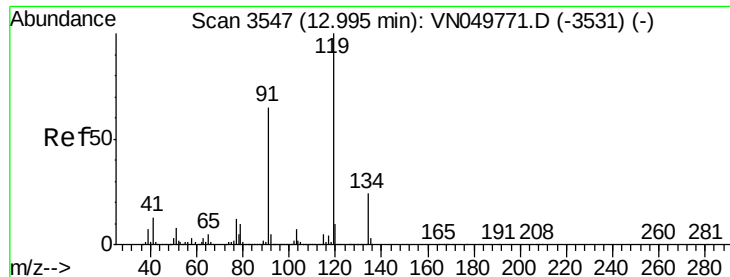
126 35.3 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

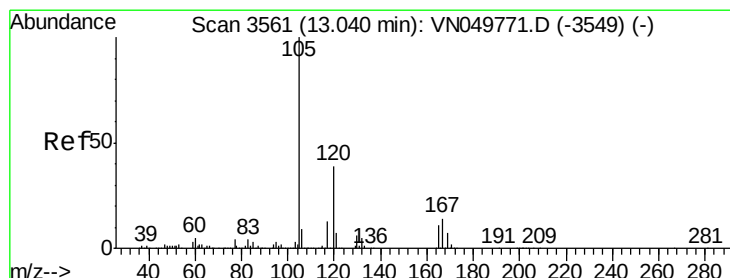
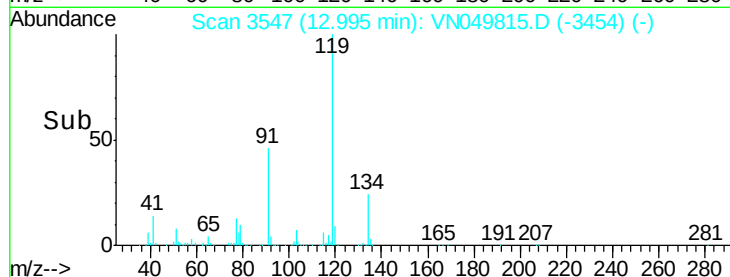
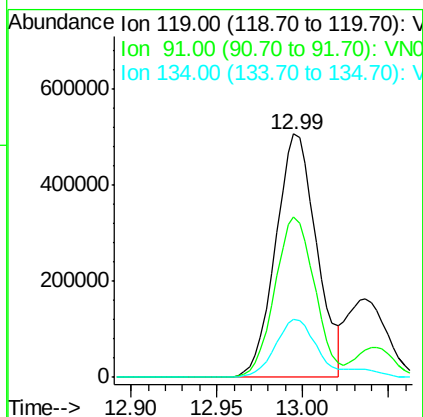
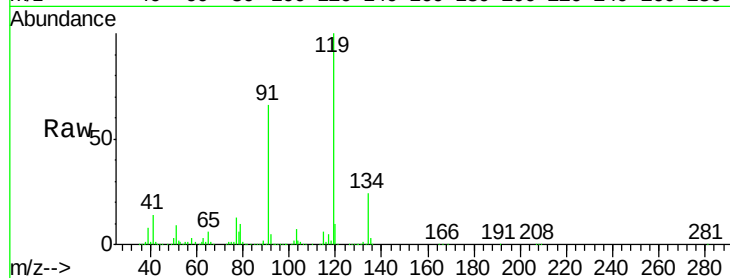




#83
 tert-Butylbenzene
 Concen: 18.96 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN049815.D
 Acq: 13 Jul 2018 23:56

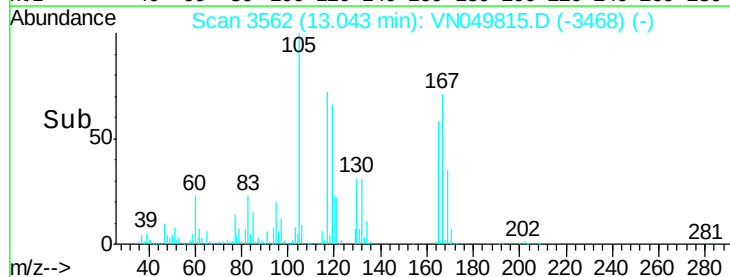
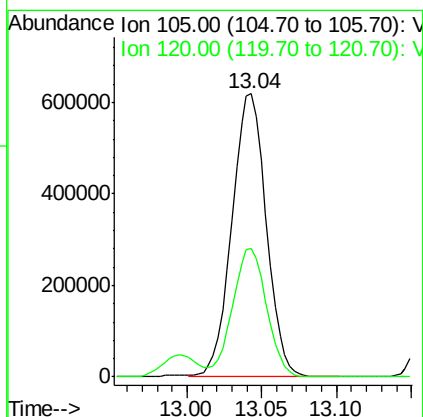
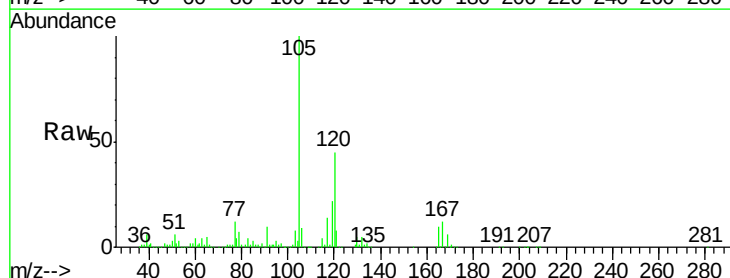
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBS02

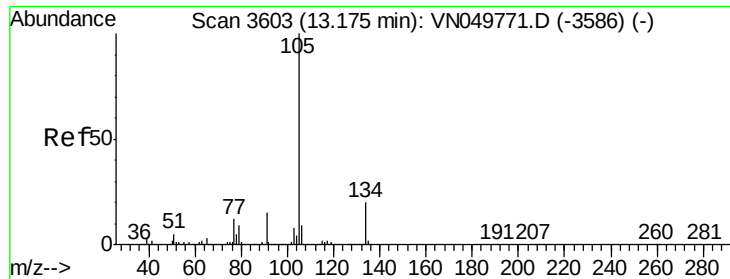
Tot Ion:119 Resp: 838428
 Ion Ratio Lower Upper
 119 100
 91 64.3 32.0 96.2
 134 23.8 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.88 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049815.D
 Acq: 13 Jul 2018 23:56

Tgt Ion:105 Resp: 985003
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.37 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

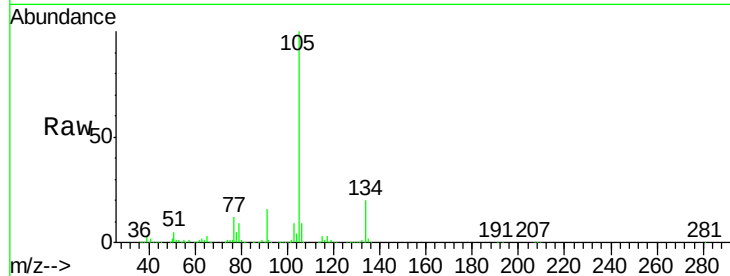
VN0713WBS02

Tot Ion:105 Resp: 1122140

Ion Ratio Lower Upper

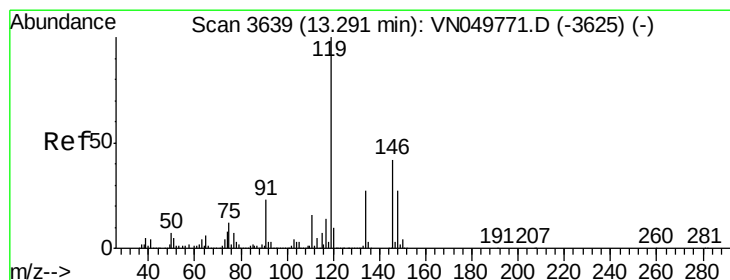
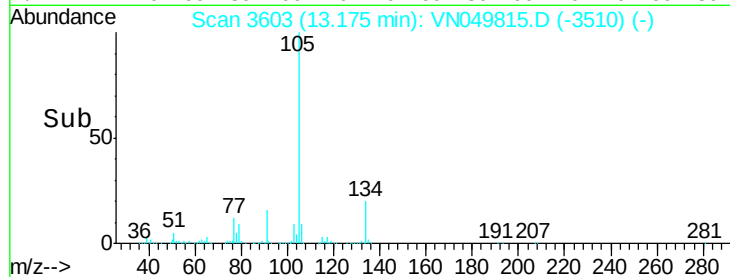
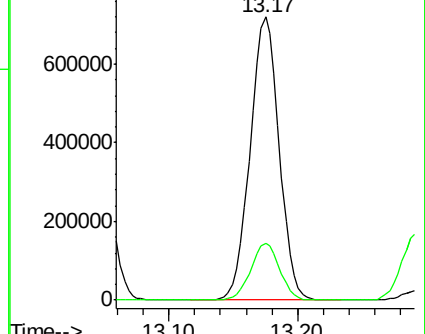
105 100

134 20.2 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.21 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

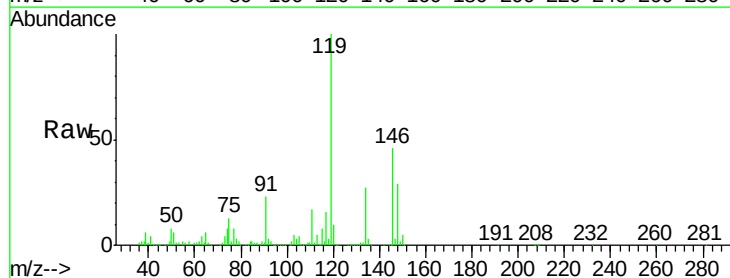
Tgt Ion:119 Resp: 941820

Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.9

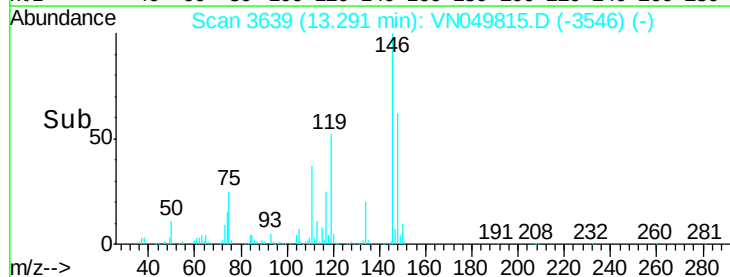
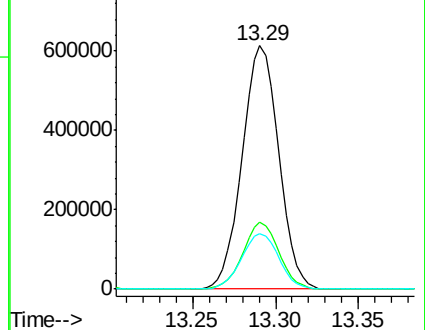
91 23.1 11.4 34.1

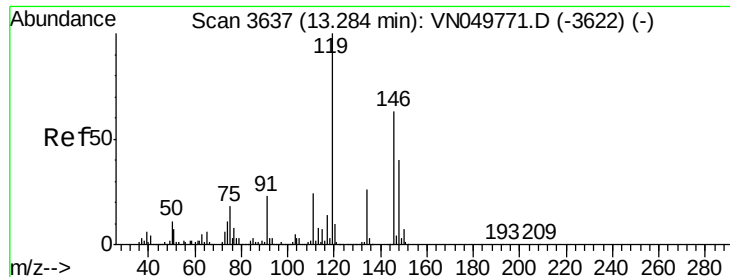


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

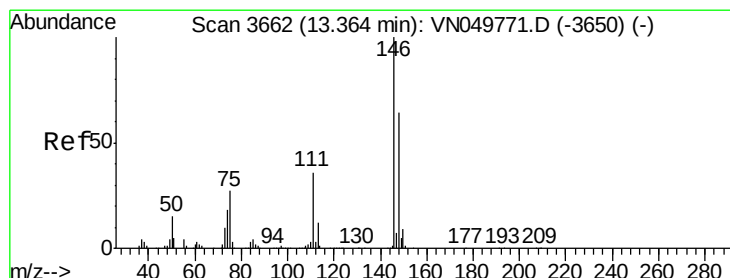
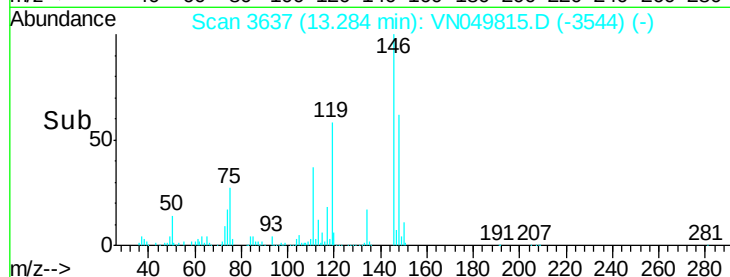
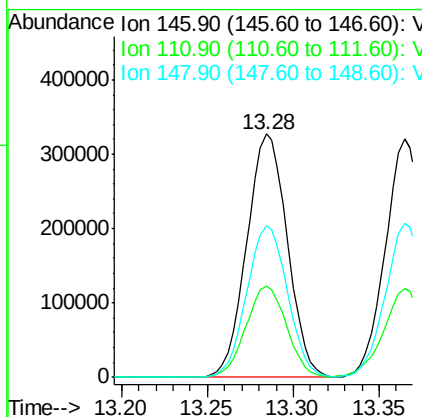
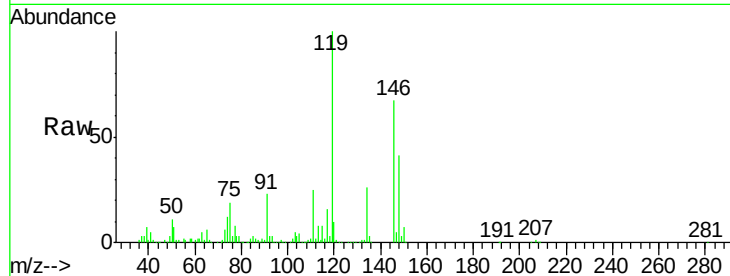




#87
 1,3-Dichlorobenzene
 Concen: 18.75 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049815.D
 Acq: 13 Jul 2018 23:56

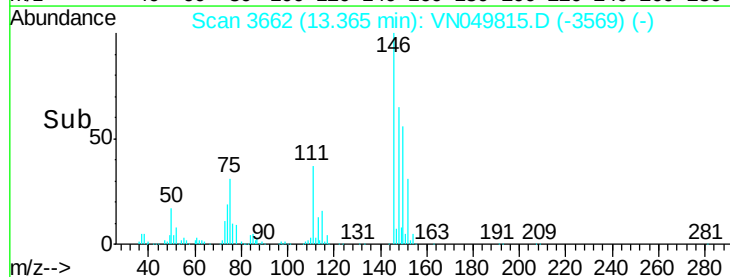
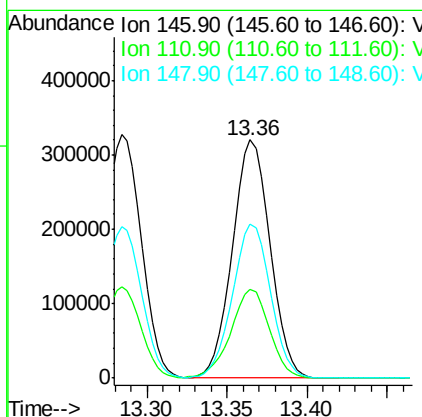
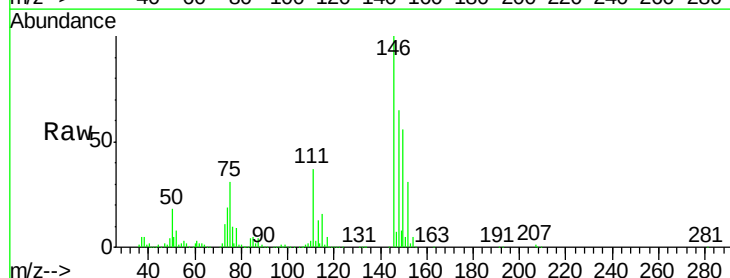
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBS02

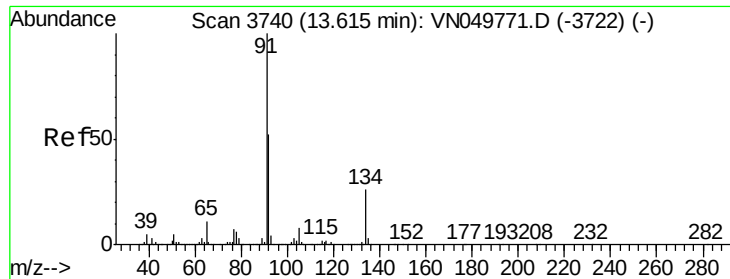
Tot Ion:146 Resp: 536078
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.0 57.0
 148 62.5 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 18.45 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VN049815.D
 Acq: 13 Jul 2018 23:56

Tgt Ion:146 Resp: 513011
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.9 56.5
 148 65.4 32.1 96.3

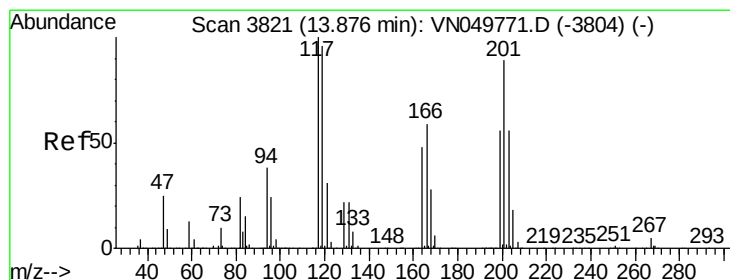
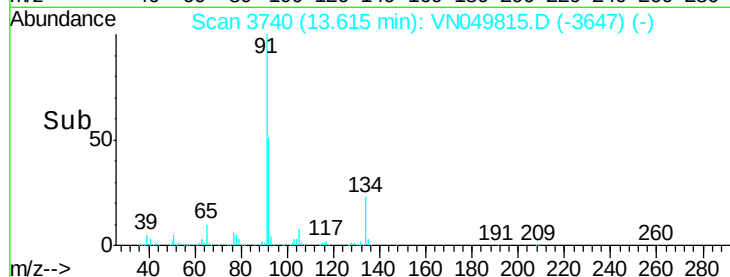
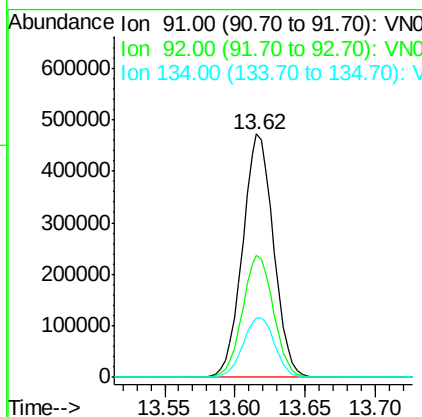
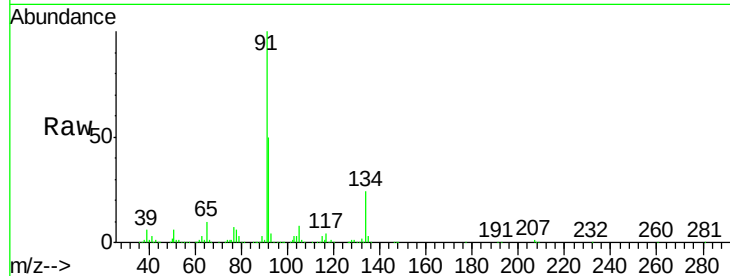




#89
n-Butylbenzene
Concen: 17.89 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. 0.00 min
Lab File: VN049815.D
Acq: 13 Jul 2018 23:56

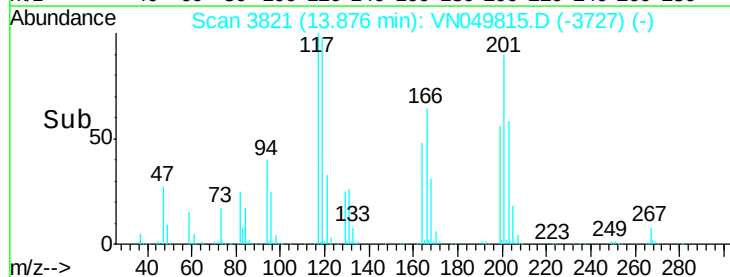
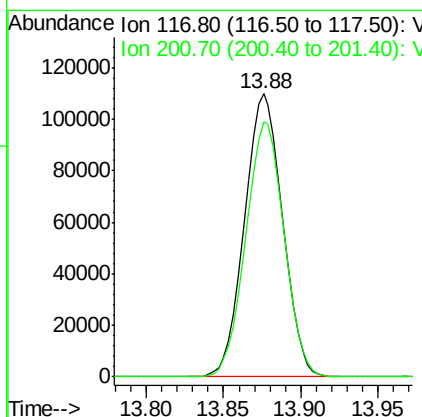
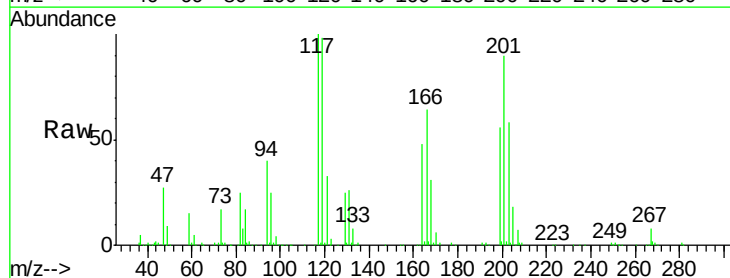
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS02

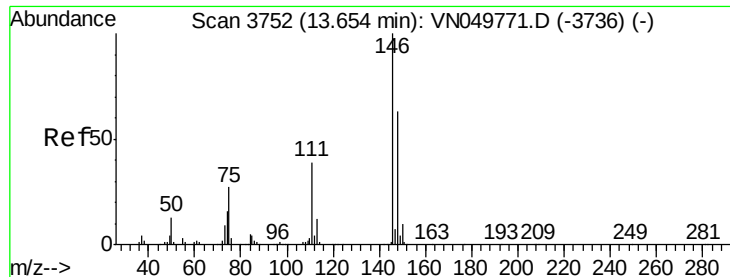
Tot Ion: 91 Resp: 724103
Ion Ratio Lower Upper
91 100
92 50.2 25.8 77.3
134 25.1 13.0 38.9



#90
Hexachloroethane
Concen: 19.33 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049815.D
Acq: 13 Jul 2018 23:56

Tgt Ion: 117 Resp: 188282
Ion Ratio Lower Upper
117 100
201 90.8 45.3 135.8

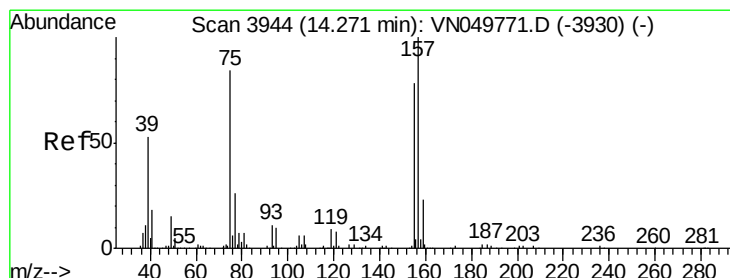
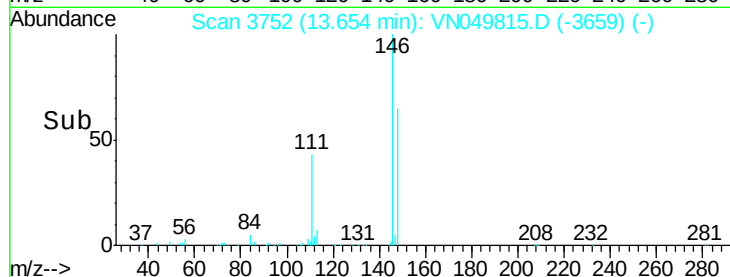
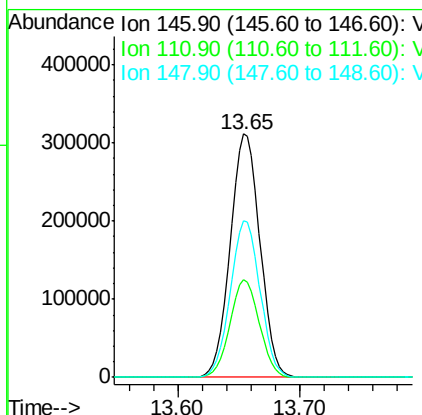
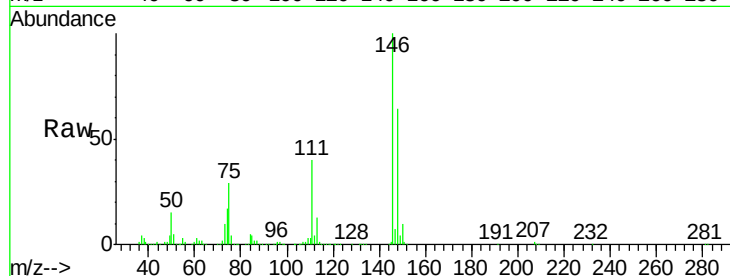




#91
 1,2-Dichlorobenzene
 Concen: 18.91 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. 0.00 min
 Lab File: VN049815.D
 Acq: 13 Jul 2018 23:56

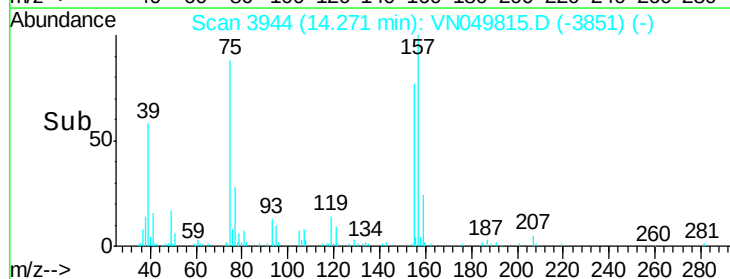
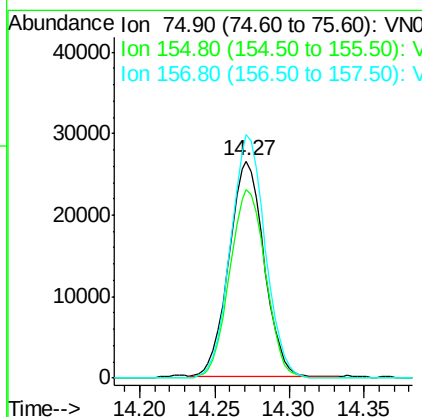
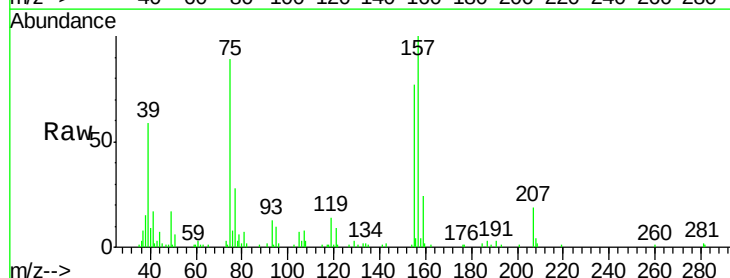
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBS02

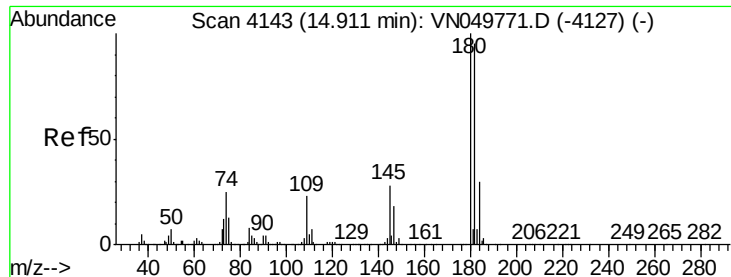
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.7	59.1
148	64.3	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.44 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049815.D
 Acq: 13 Jul 2018 23:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.9	45.7	137.1
157	111.3	56.9	170.7

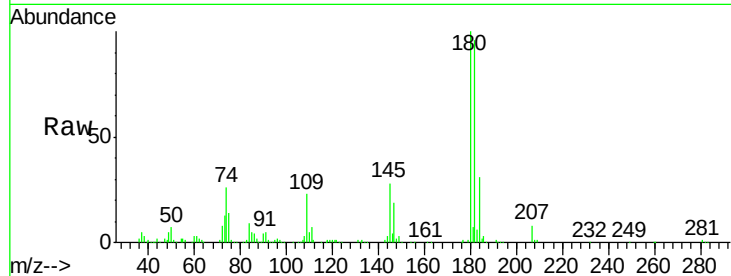




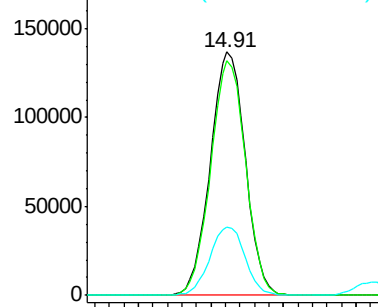
#93
 1,2,4-Trichlorobenzene
 Concen: 17.01 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN049815.D
 Acq: 13 Jul 2018 23:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBS02

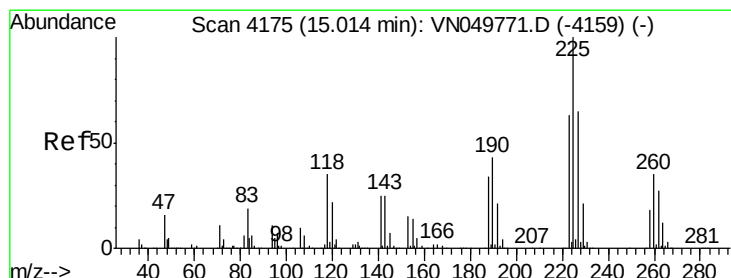
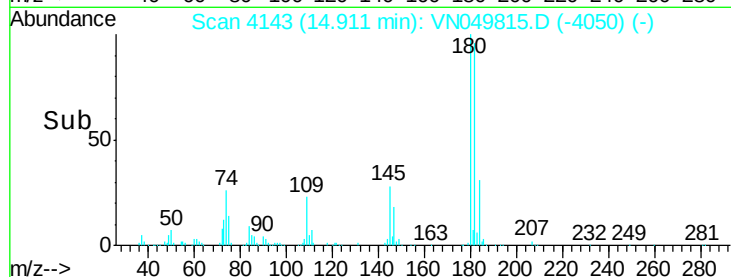
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.3	141.9
145	28.3	14.4	43.0



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

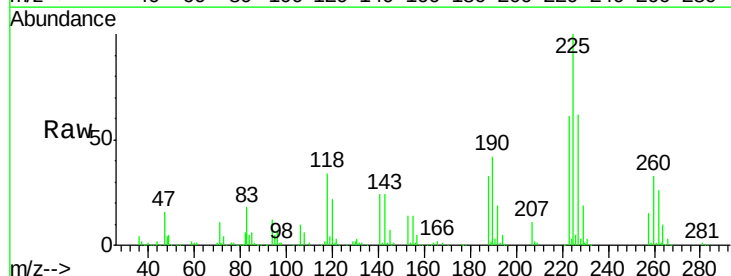


Time-->

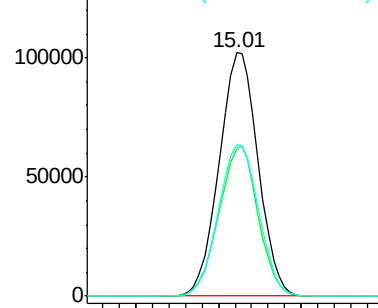


#94
 Hexachlorobutadiene
 Concen: 18.86 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN049815.D
 Acq: 13 Jul 2018 23:56

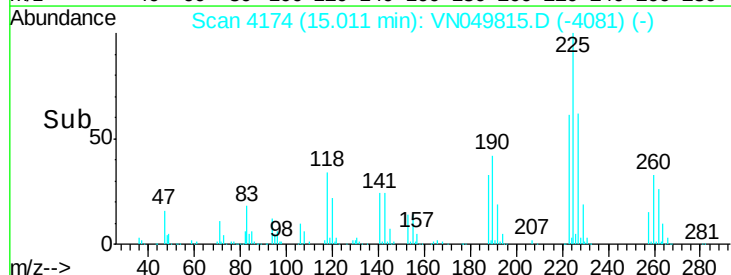
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	30.9	92.7
227	64.4	31.8	95.4

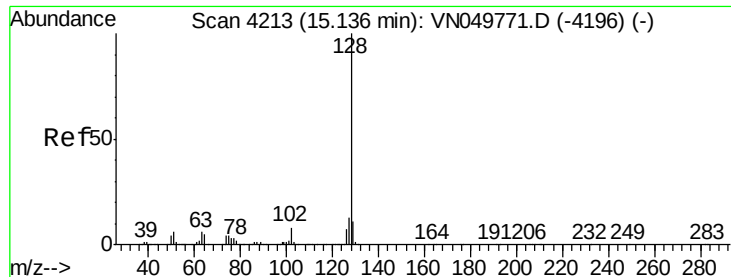


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 16.35 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBS02

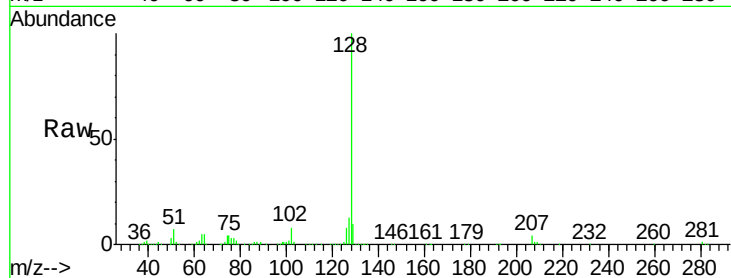
Tot Ion:128 Resp: 443331

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

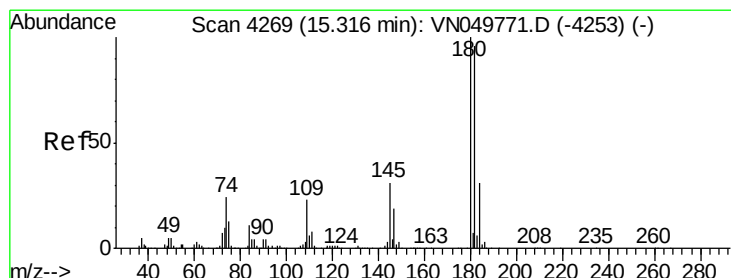
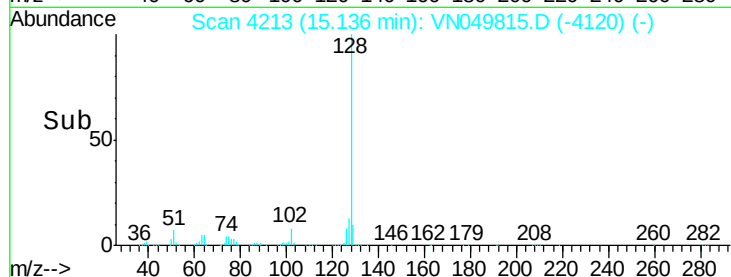
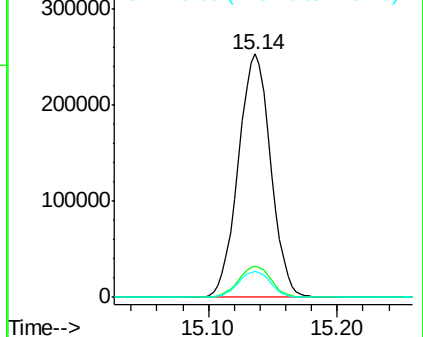
129 10.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.91 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN049815.D

Acq: 13 Jul 2018 23:56

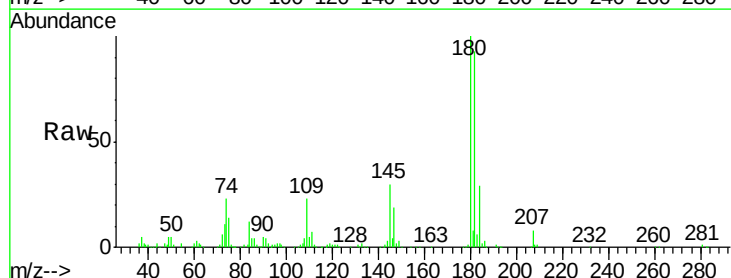
Tgt Ion:180 Resp: 242482

Ion Ratio Lower Upper

180 100

182 94.7 47.4 142.2

145 30.7 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

