

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033119\
 Data File : VN054863.D
 Acq On : 31 Mar 2019 20:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 01 02:50:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	410719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	692921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	613701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	268938	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	293616	53.03	ug/l	0.00
Spiked Amount			Recovery	=	106.06%	
35) Dibromofluoromethane	7.59	113	230066	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
50) Toluene-d8	10.09	98	869188	50.61	ug/l	0.00
Spiked Amount			Recovery	=	101.22%	
62) 4-Bromofluorobenzene	12.40	95	294618	51.58	ug/l	0.00
Spiked Amount			Recovery	=	103.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	200636	48.295	ug/l	100
3) Chloromethane	2.06	50	300053	52.235	ug/l	98
4) Vinyl Chloride	2.19	62	264616	51.297	ug/l	98
5) Bromomethane	2.57	94	135043	49.929	ug/l	97
6) Chloroethane	2.71	64	147308	51.140	ug/l	98
7) Trichlorofluoromethane	3.02	101	327020	51.564	ug/l	99
8) Diethyl Ether	3.41	74	109860	53.797	ug/l	66
9) 1,1,2-Trichlorotrifluoroet	3.75	101	165294	49.510	ug/l	94
10) Methyl Iodide	3.94	142	223265	48.850	ug/l #	88
11) Tert butyl alcohol	4.82	59	85260	295.562	ug/l	97
12) 1,1-Dichloroethene	3.73	96	169420	52.476	ug/l #	79
13) Acrolein	3.61	56	64485	250.054	ug/l	96
14) Allyl chloride	4.32	41	413769	52.032	ug/l #	91
15) Acrylonitrile	5.00	53	458540	285.982	ug/l	99
16) Acetone	3.82	43	310229	234.971	ug/l #	84
17) Carbon Disulfide	4.04	76	529186	50.537	ug/l	99
18) Methyl Acetate	4.33	43	207376	60.496	ug/l #	88
19) Methyl tert-butyl Ether	5.05	73	628611	55.663	ug/l	93
20) Methylene Chloride	4.54	84	251909	54.090	ug/l #	84
21) trans-1,2-Dichloroethene	5.04	96	221661	52.271	ug/l #	81
22) Diisopropyl ether	5.96	45	885508	56.301	ug/l #	94
23) Vinyl Acetate	5.90	43	3171911	289.797	ug/l #	92
24) 1,1-Dichloroethane	5.85	63	453760	54.083	ug/l	98
25) 2-Butanone	6.85	43	569361	291.736	ug/l #	87
26) 2,2-Dichloropropane	6.82	77	256659	43.646	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	260640	54.408	ug/l	89
28) Bromochloromethane	7.19	49	214130	51.040	ug/l #	70
29) Tetrahydrofuran	7.22	42	384253	283.476	ug/l #	84
30) Chloroform	7.37	83	440911	55.112	ug/l	100
31) Cyclohexane	7.65	56	411819	54.036	ug/l	88
32) 1,1,1-Trichloroethane	7.57	97	367795	55.475	ug/l	95
36) 1,1-Dichloropropene	7.79	75	332610	51.514	ug/l	96
37) Ethyl Acetate	6.94	43	252194	53.263	ug/l	95
38) Carbon Tetrachloride	7.77	117	314134	50.092	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	348476	49.092	ug/l	90
40) Benzene	8.04	78	987423	53.446	ug/l	100
41) Methacrylonitrile	7.18	41	155125	58.322	ug/l #	85
42) 1,2-Dichloroethane	8.13	62	348148	52.776	ug/l	97
43) Isopropyl Acetate	8.17	43	446894	58.088	ug/l #	92
44) Trichloroethene	8.83	130	251180	52.374	ug/l	90
45) 1,2-Dichloropropane	9.12	63	281520	53.440	ug/l	99
46) Dibromomethane	9.21	93	158801	53.586	ug/l	88
47) Bromodichloromethane	9.40	83	341986	55.527	ug/l	97
48) Methyl methacrylate	9.20	41	225820	54.148	ug/l	88
49) 1,4-Dioxane	9.21	88	48047	1161.116	ug/l #	82
51) 4-Methyl-2-Pentanone	9.99	43	1254785	290.093	ug/l	93
52) Toluene	10.16	92	591458	53.801	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	319924	55.221	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	384845	55.608	ug/l	92
55) 1,1,2-Trichloroethane	10.56	97	217134	53.118	ug/l	97
56) Ethyl methacrylate	10.43	69	308272	57.489	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	380753	54.179	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	577580	250.048	ug/l #	88
59) 2-Hexanone	10.75	43	782240	282.500	ug/l	91
60) Dibromochloromethane	10.90	129	238695	57.645	ug/l	98
61) 1,2-Dibromoethane	11.01	107	215471	55.158	ug/l	99
64) Tetrachloroethene	10.63	164	234408	49.775	ug/l	96
65) Chlorobenzene	11.43	112	609849	50.755	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	239375	53.225	ug/l	99
67) Ethyl Benzene	11.51	91	1129723	52.103	ug/l	97
68) m/p-Xylenes	11.62	106	815910	101.684	ug/l	92
69) o-Xylene	11.95	106	405143	51.490	ug/l	96
70) Styrene	11.96	104	681152	54.142	ug/l	97
71) Bromoform	12.13	173	146927	55.765	ug/l #	100
73) Isopropylbenzene	12.25	105	1072205	48.777	ug/l	98
74) N-amyl acetate	12.07	43	369675	53.981	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.50	83	276946	57.405	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	322560	69.040	ug/l #	100
77) Bromobenzene	12.53	156	264390	49.836	ug/l	84
78) n-propylbenzene	12.59	91	1187838	49.164	ug/l	96
79) 2-Chlorotoluene	12.68	91	732135	48.981	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	884820	49.056	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	59161	49.255	ug/l #	84
82) 4-Chlorotoluene	12.77	91	728554	50.182	ug/l	94
83) tert-Butylbenzene	12.99	119	767913	55.163	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	865617	50.374	ug/l	98
85) sec-Butylbenzene	13.17	105	965429	49.273	ug/l	97
86) p-Isopropyltoluene	13.29	119	851019	49.245	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	446168	50.231	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	438278	50.309	ug/l	99
89) n-Butylbenzene	13.62	91	676314	47.967	ug/l	98
90) Hexachloroethane	13.87	117	149974	51.114	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	444339	49.568	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	40336	53.676	ug/l	85

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Quant Title : SW846 8260
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Response via : Initial Calibration

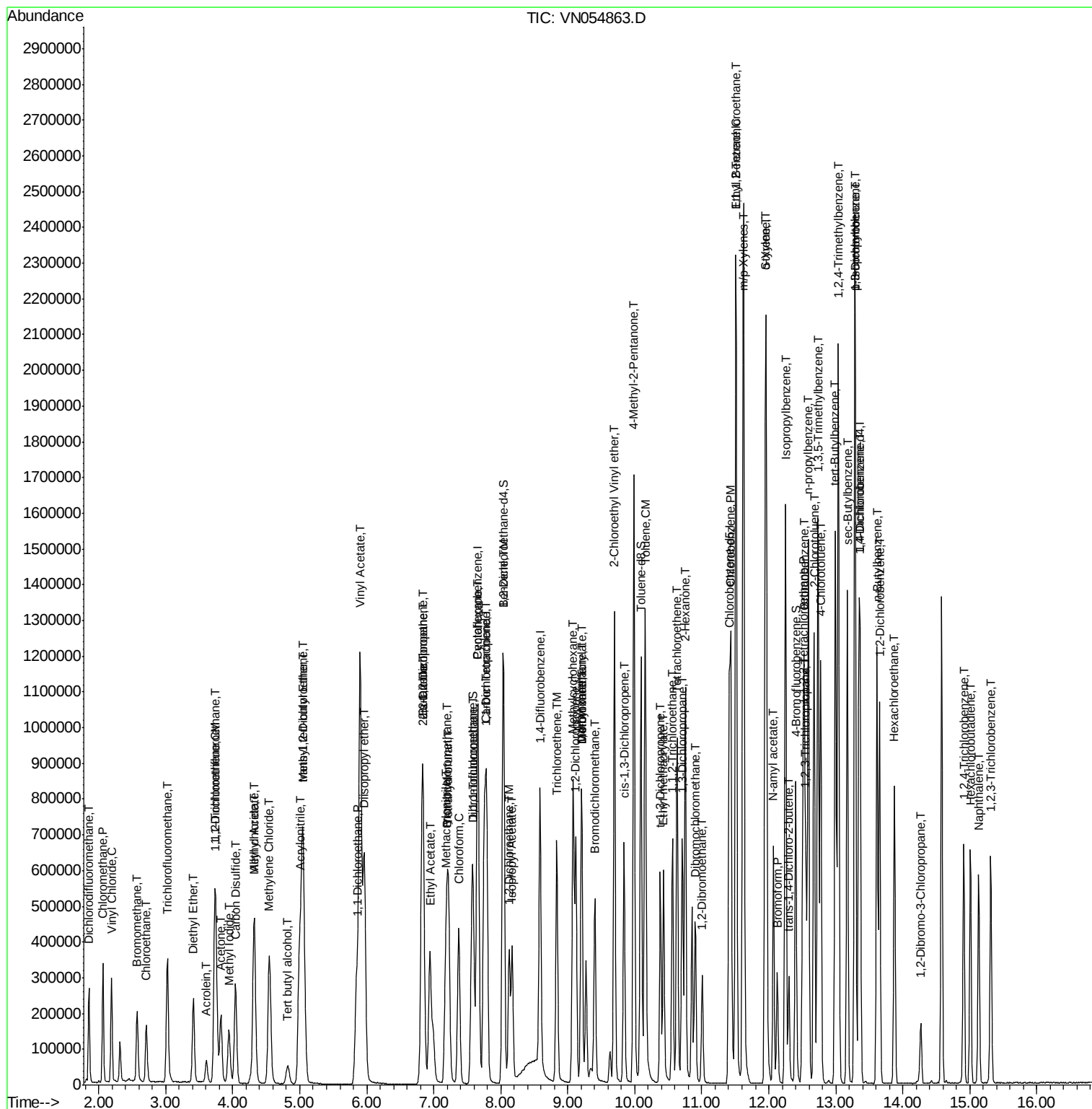
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	215234	49.803	ug/l	100
94) Hexachlorobutadiene	15.01	225	127312	49.731	ug/l	98
95) Naphthalene	15.13	128	492555	50.817	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	219666	50.329	ug/l	98

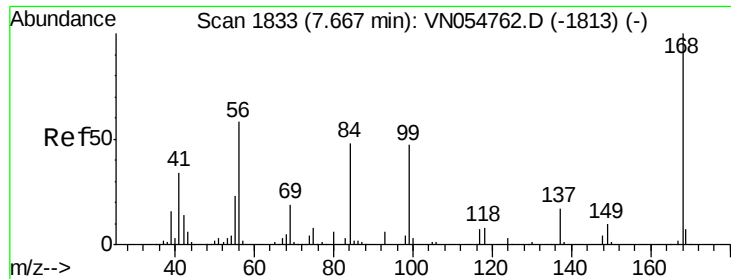
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

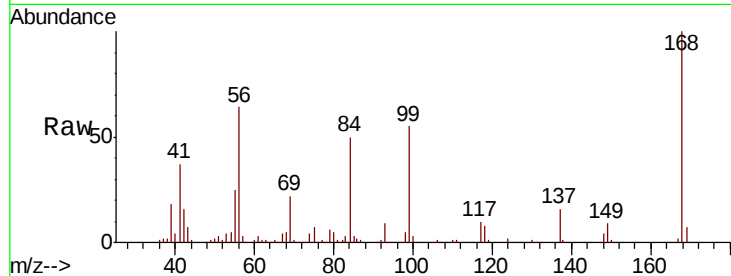
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 410719

Ion Ratio Lower Upper

168 100

99 54.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

150000

100000

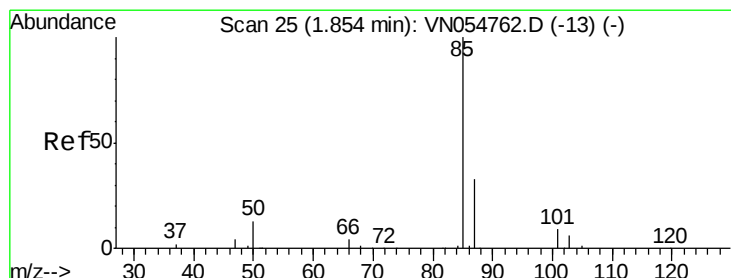
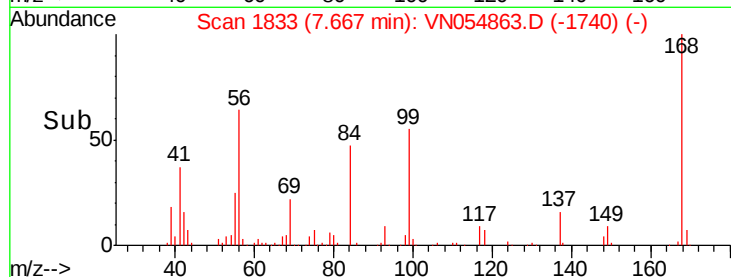
50000

0

Time-->

7.60

7.70



#2

Dichlorodifluoromethane

Concen: 48.295 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN054863.D

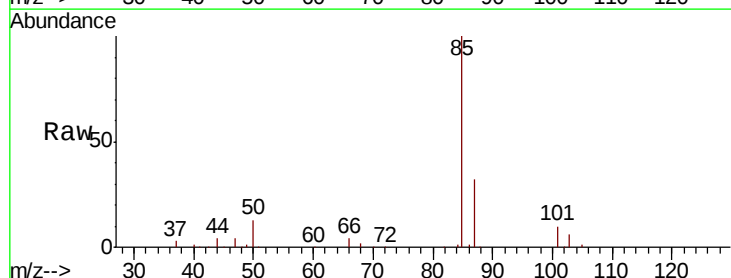
Acq: 31 Mar 2019 20:50

Tgt Ion: 85 Resp: 200636

Ion Ratio Lower Upper

85 100

87 32.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

150000

100000

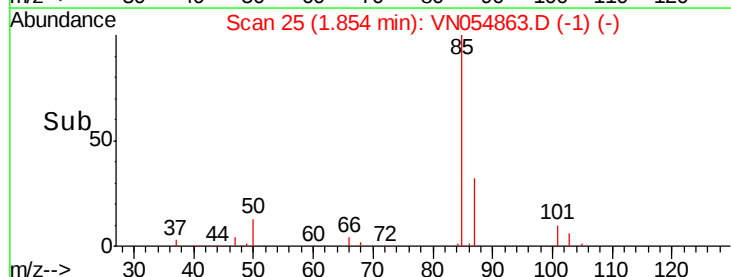
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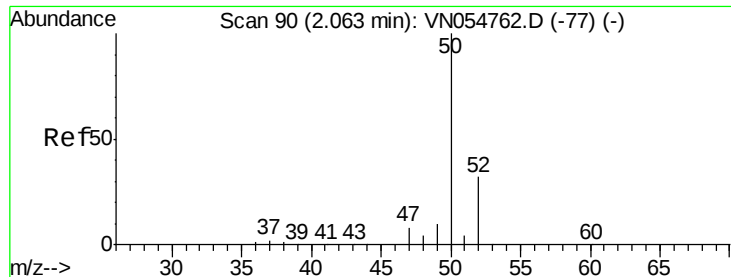
0

Time-->

1.80

1.90





#3

Chloromethane

Concen: 52.235 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

Instrument :

MSVOA_N

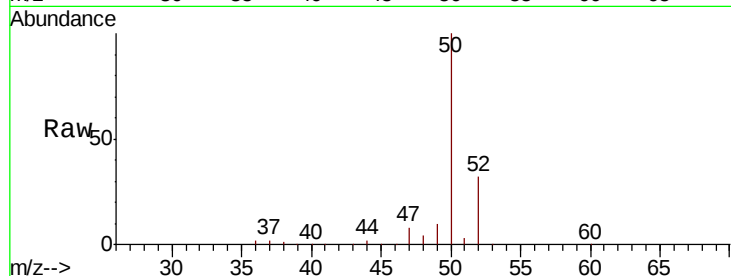
ClientSampleId :

Tot Ion: 50 Resp: 300053

Ion Ratio Lower Upper

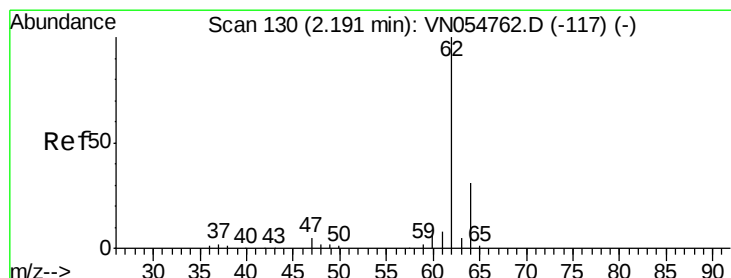
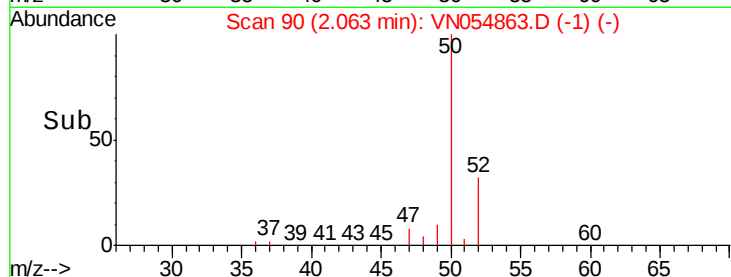
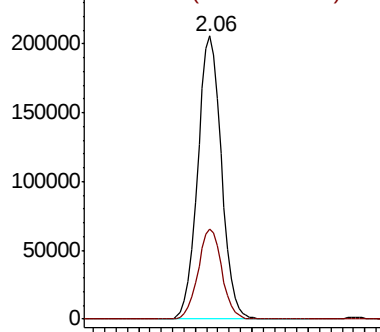
50 100

52 31.9 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 51.297 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN054863.D

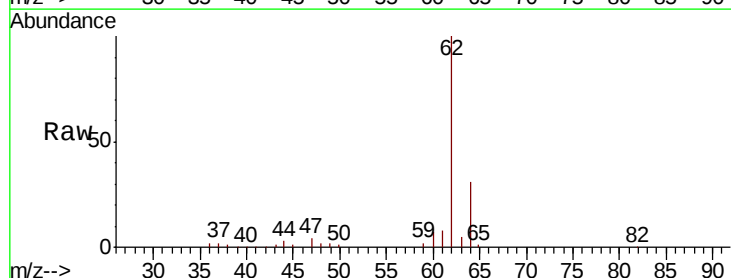
Acq: 31 Mar 2019 20:50

Tgt Ion: 62 Resp: 264616

Ion Ratio Lower Upper

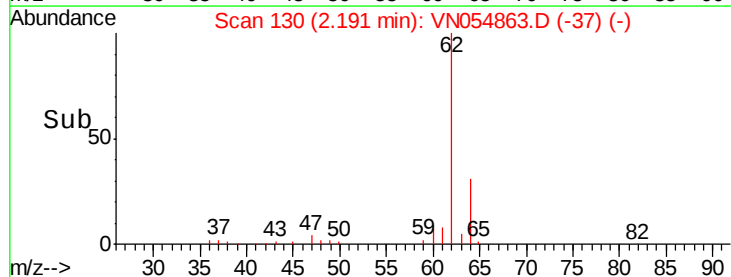
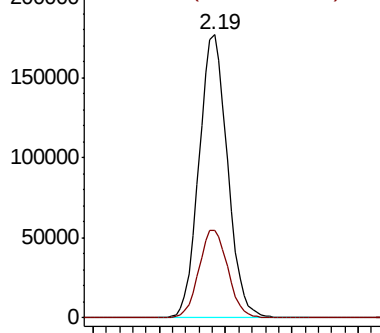
62 100

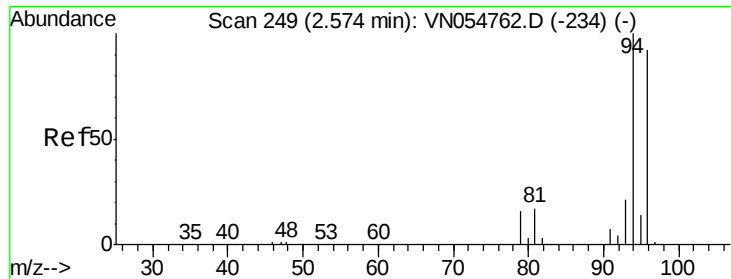
64 31.0 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 49.929 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

Instrument :

MSVOA_N

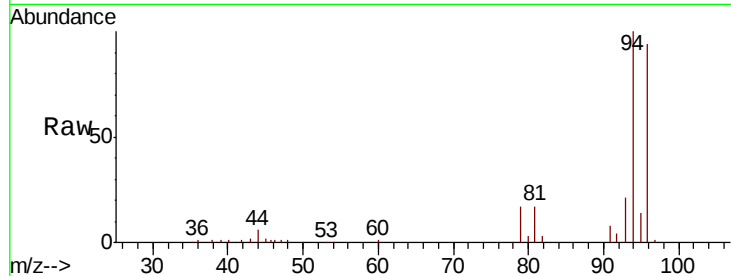
ClientSampleId :

Tot Ion: 94 Resp: 135043

Ion Ratio Lower Upper

94 100

96 93.6 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

80000

60000

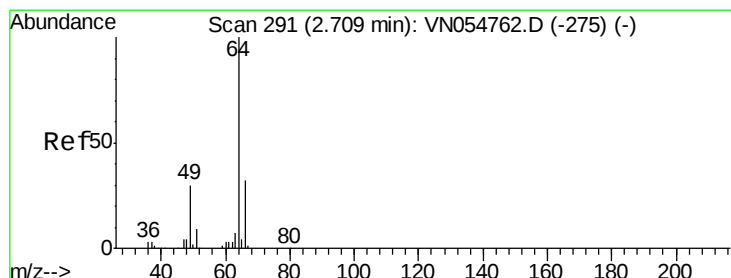
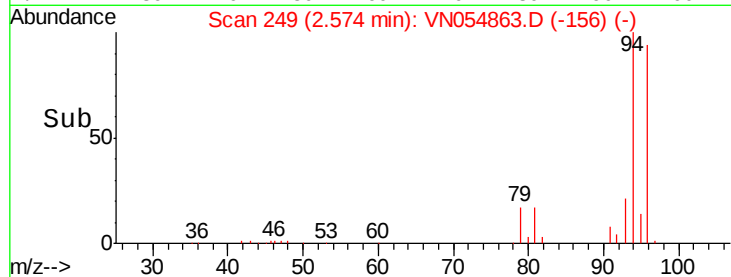
40000

20000

0

Time-->

2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 51.140 ug/l

RT: 2.71 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN054863.D

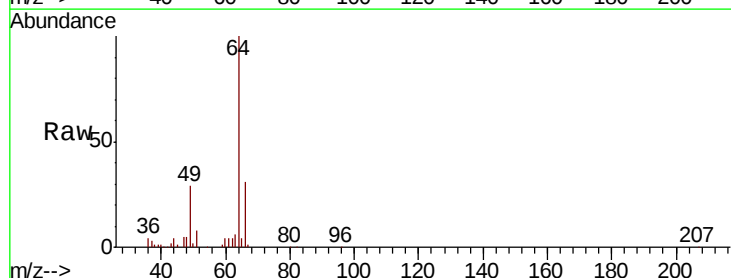
Acq: 31 Mar 2019 20:50

Tgt Ion: 64 Resp: 147308

Ion Ratio Lower Upper

64 100

66 30.9 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.71

80000

60000

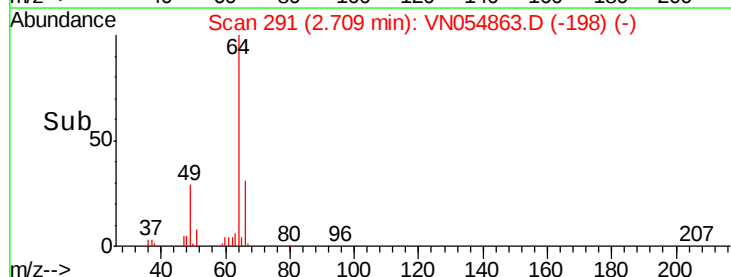
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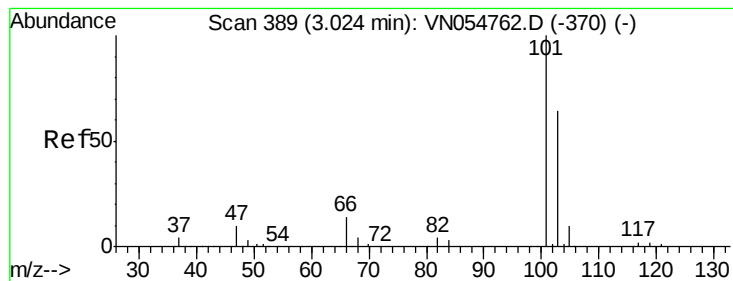
20000

0

Time-->

2.65 2.70 2.75 2.80



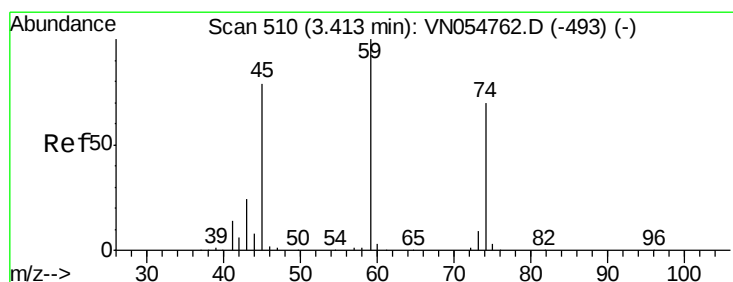
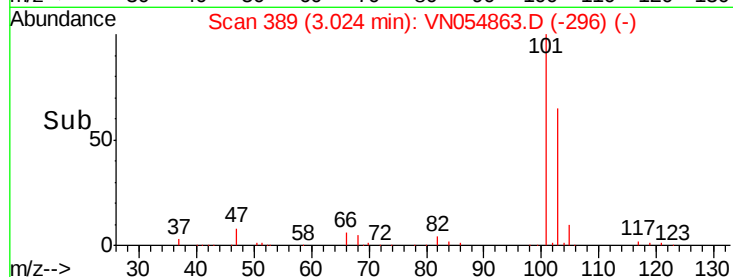
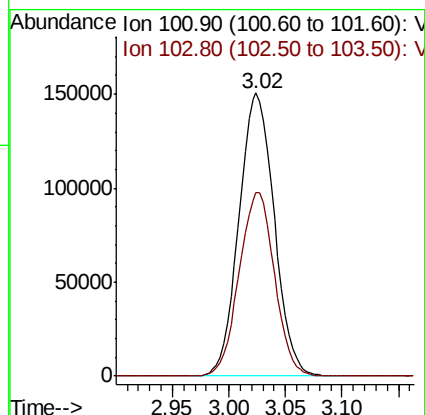
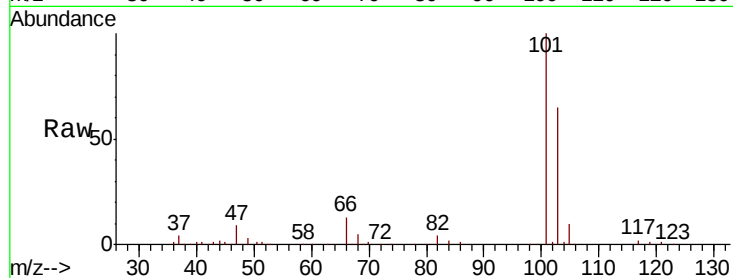


#7

Trichlorofluoromethane
 Concen: 51.564 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN054863.D
 Acq: 31 Mar 2019 20:50

Instrument :
 MSVOA_N
 ClientSampleId :

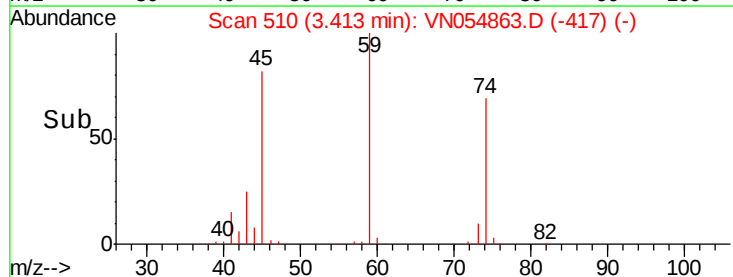
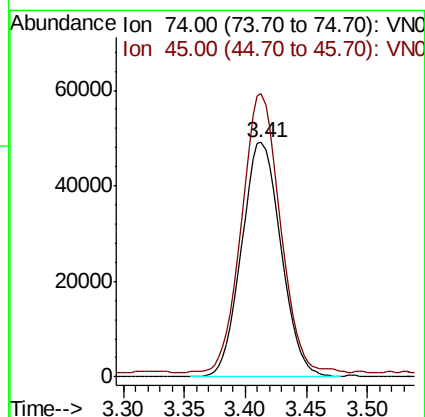
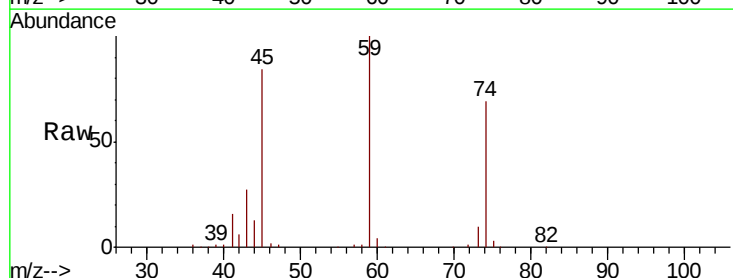
Tot Ion:101 Resp: 327020
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.4 77.2

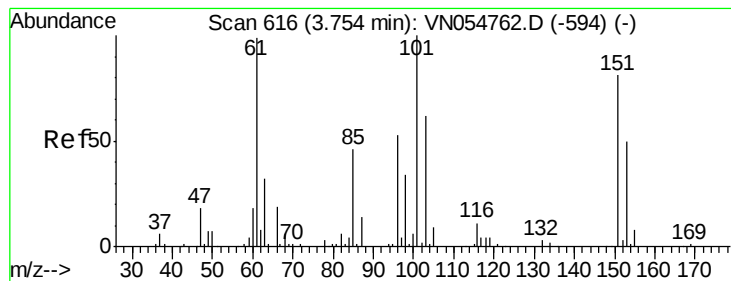


#8

Diethyl Ether
 Concen: 53.797 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN054863.D
 Acq: 31 Mar 2019 20:50

Tgt Ion: 74 Resp: 109860
 Ion Ratio Lower Upper
 74 100
 45 117.2 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.510 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

Instrument :

MSVOA_N

ClientSampleId :

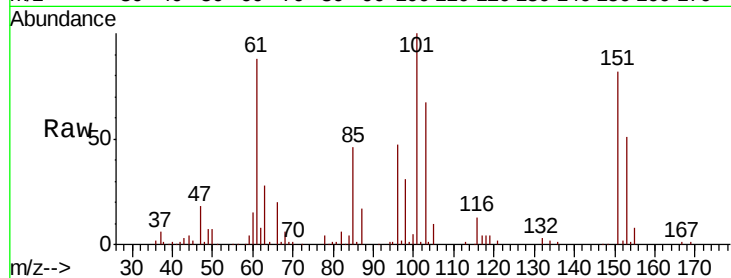
Tot Ion:101 Resp: 165294

Ion Ratio Lower Upper

101 100

85 45.8 32.4 48.6

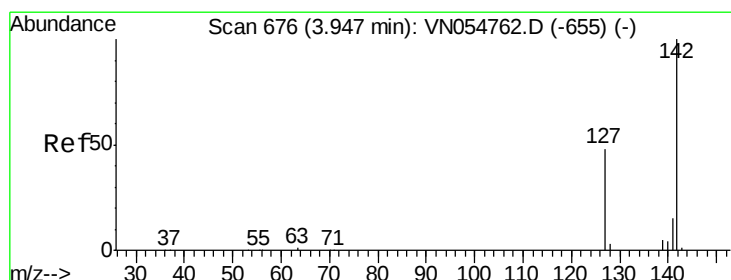
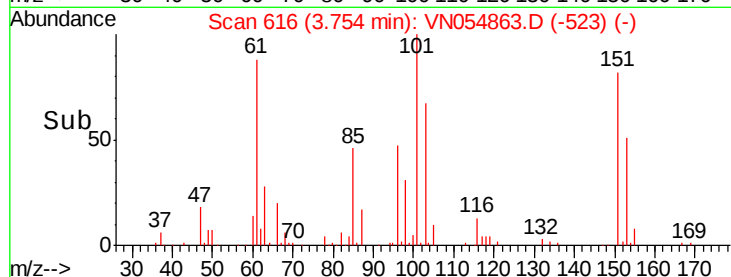
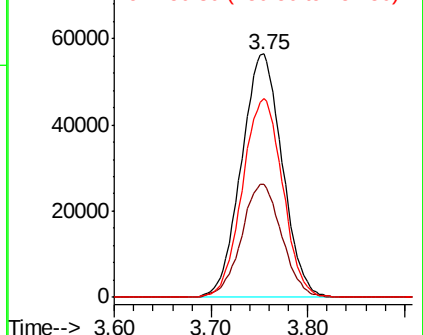
151 80.6 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.850 ug/l

RT: 3.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

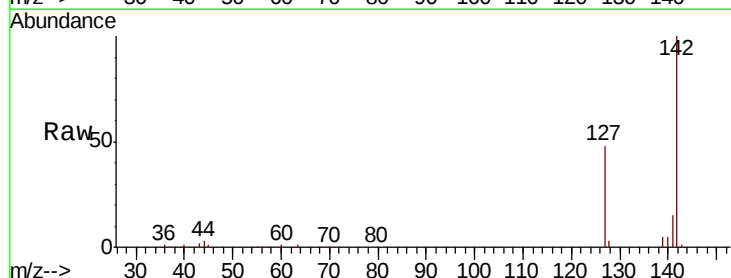
Tgt Ion:142 Resp: 223265

Ion Ratio Lower Upper

142 100

127 47.3 30.3 45.5#

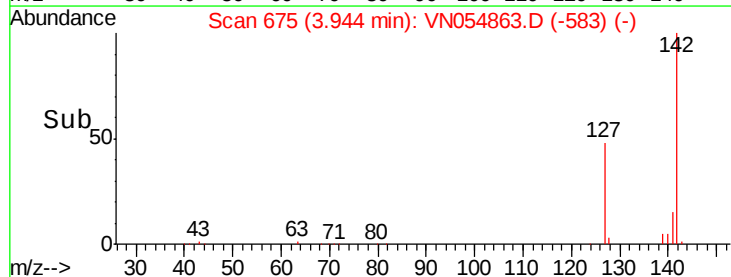
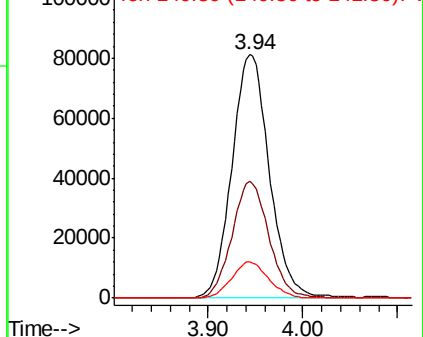
141 14.8 11.2 16.8

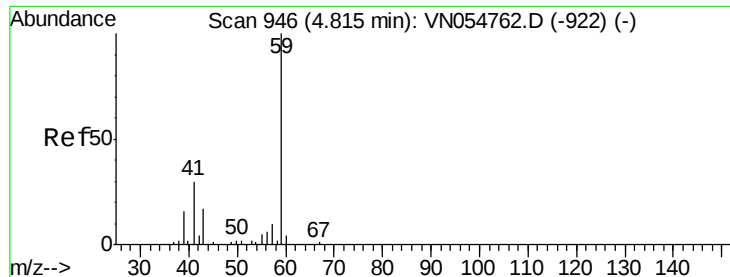


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



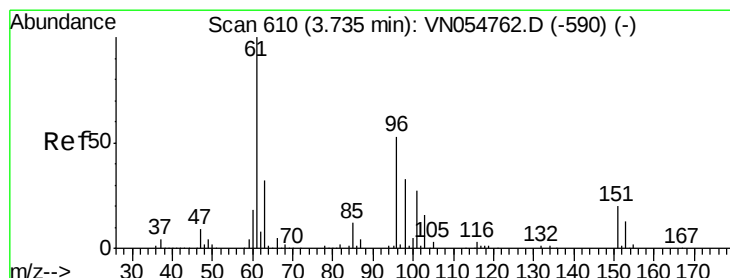
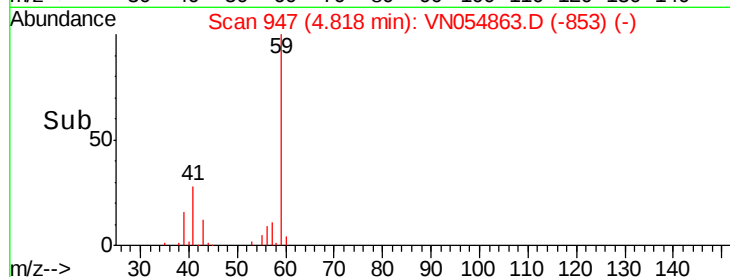
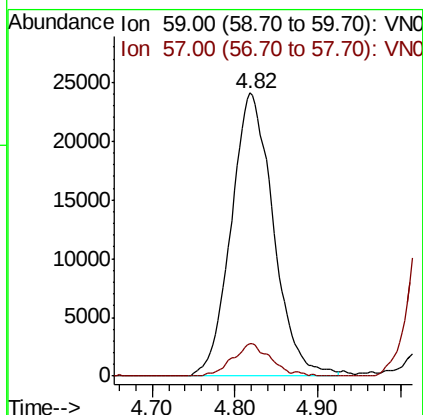
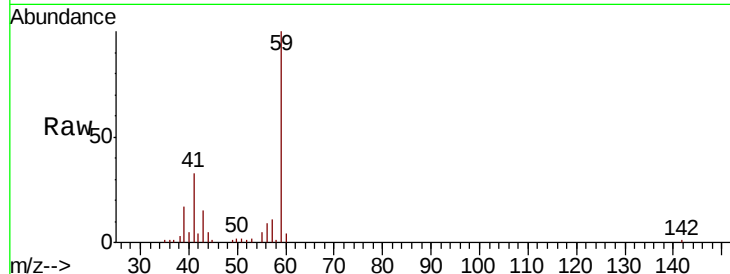


#11

Tert butyl alcohol
 Concen: 295.562 ug/l
 RT: 4.82 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: VN054863.D
 Acq: 31 Mar 2019 20:50

Instrument :
 MSVOA_N
 ClientSampled :

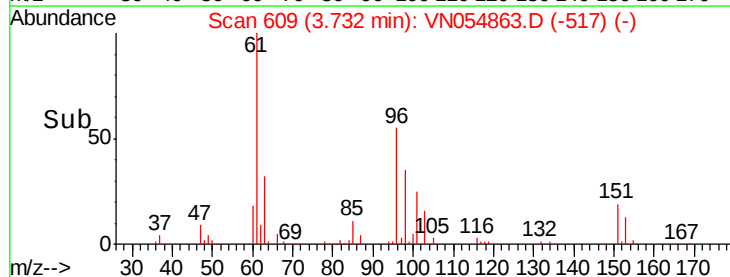
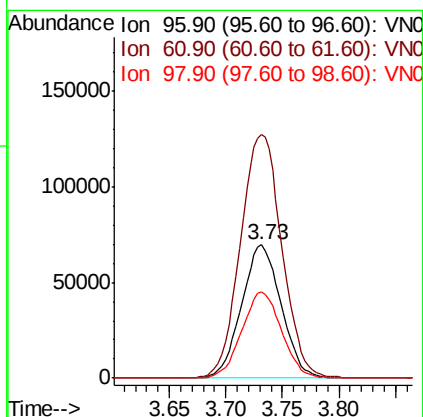
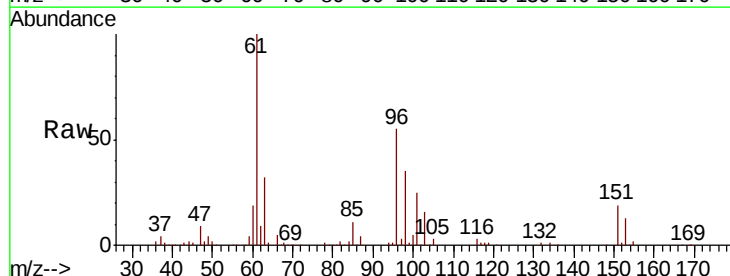
Tot Ion: 59 Resp: 85260
 Ion Ratio Lower Upper
 59 100
 57 10.1 9.0 13.6

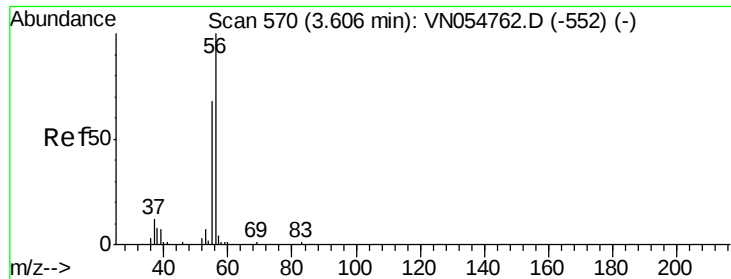


#12

1,1-Dichloroethene
 Concen: 52.476 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN054863.D
 Acq: 31 Mar 2019 20:50

Tgt Ion: 96 Resp: 169420
 Ion Ratio Lower Upper
 96 100
 61 182.8 116.5 174.7#
 98 64.7 51.0 76.4





#13

Acrolein

Concen: 250.054 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

Instrument :

MSVOA_N

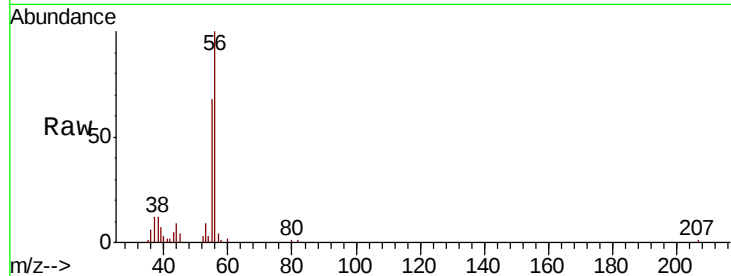
ClientSampleId :

Tot Ion: 56 Resp: 64485

Ion Ratio Lower Upper

56 100

55 74.0 56.7 85.1

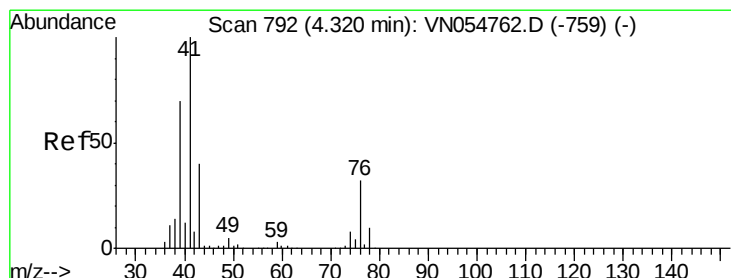
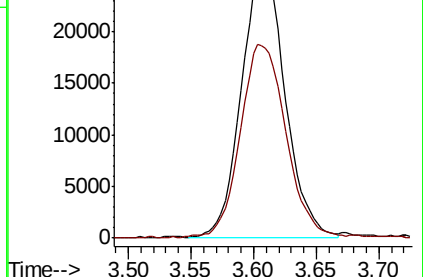
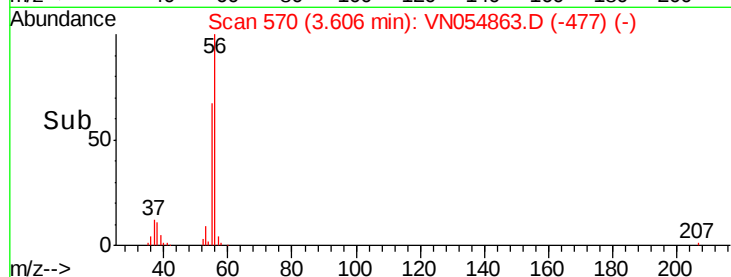


Abundance Ion 56.00 (55.70 to 56.70): VN054863.D (-477) (-)

Ion 55.00 (54.70 to 55.70): VN054863.D (-477) (-)

3.61

Time-->



#14

Allyl chloride

Concen: 52.032 ug/l

RT: 4.32 min Scan# 791

Delta R.T. -0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

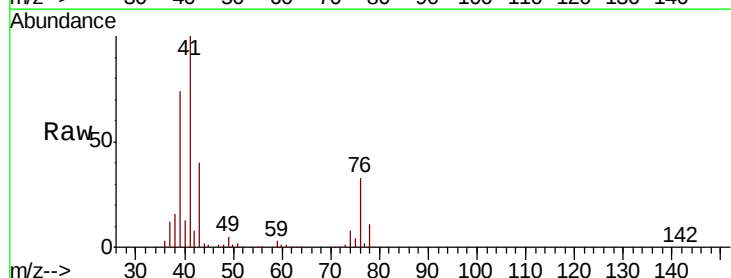
Tgt Ion: 41 Resp: 413769

Ion Ratio Lower Upper

41 100

39 68.4 58.2 87.4

76 29.3 31.7 47.5#



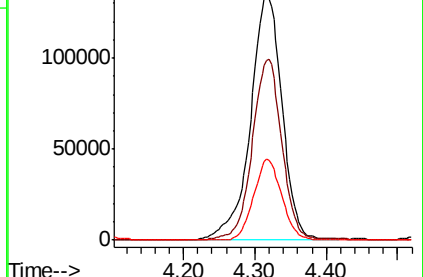
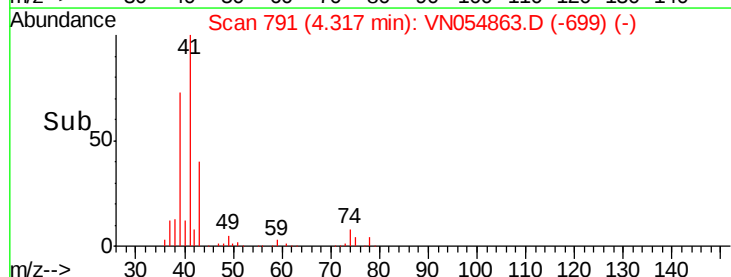
Abundance Ion 41.00 (40.70 to 41.70): VN054863.D (-699) (-)

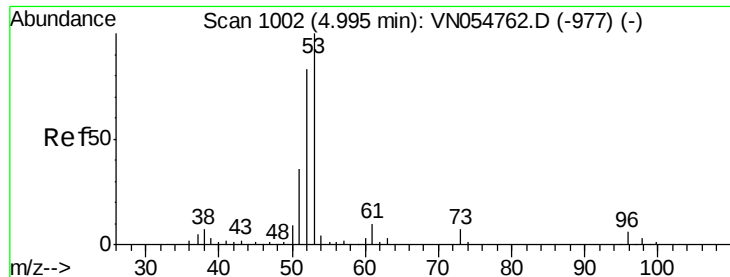
Ion 39.00 (38.70 to 39.70): VN054863.D (-699) (-)

Ion 75.90 (75.60 to 76.60): VN054863.D (-699) (-)

4.32

Time-->





#15

Acrylonitrile

Concen: 285.982 ug/l

RT: 5.00 min Scan# 1003

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

Instrument :

MSVOA_N

ClientSampleId :

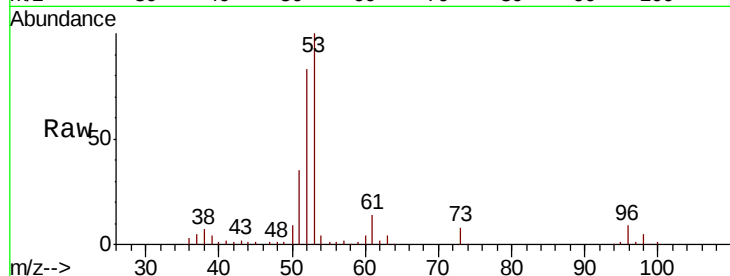
Tot Ion: 53 Resp: 458540

Ion Ratio Lower Upper

53 100

52 83.5 66.4 99.6

51 37.2 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VN054762.D (-977) (-)

Ion 52.00 (51.70 to 52.70): VN054762.D (-977) (-)

Ion 51.00 (50.70 to 51.70): VN054762.D (-977) (-)

5.00

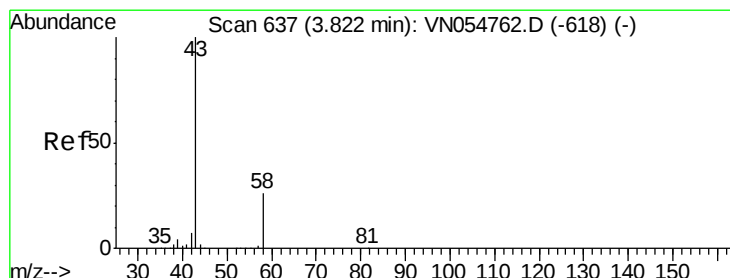
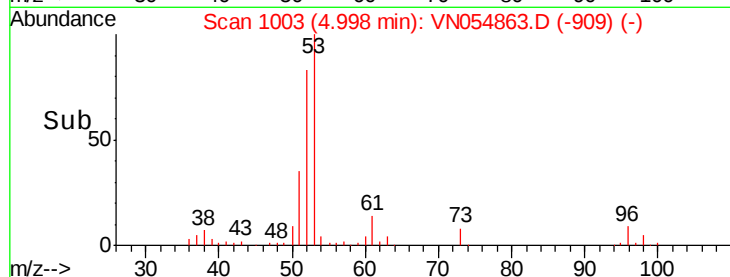
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 234.971 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054863.D

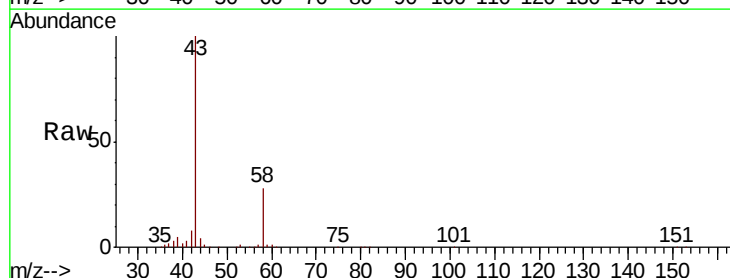
Acq: 31 Mar 2019 20:50

Tgt Ion: 43 Resp: 310229

Ion Ratio Lower Upper

43 100

58 27.7 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN054762.D (-618) (-)

Ion 58.00 (57.70 to 58.70): VN054762.D (-618) (-)

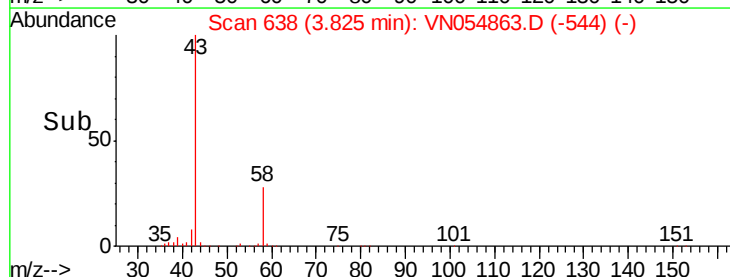
3.82

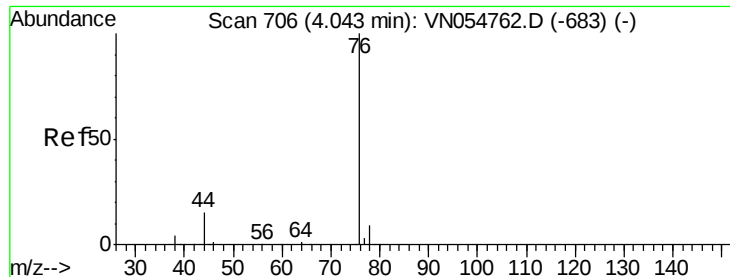
100000

50000

0

Time-->

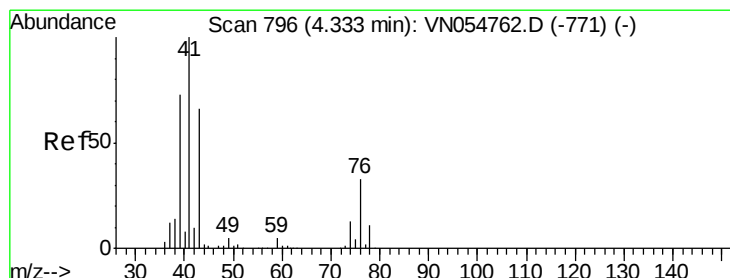
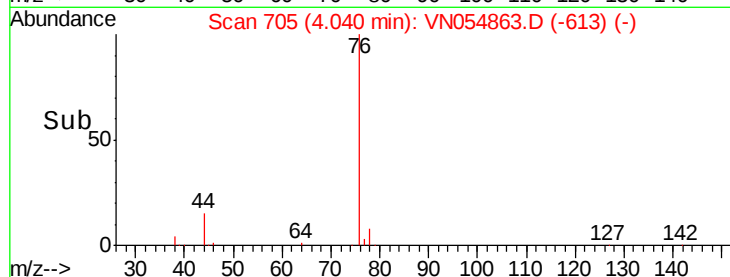
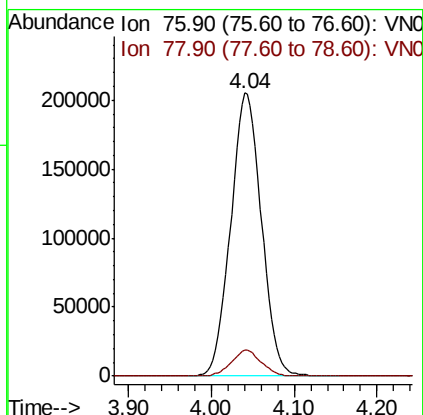
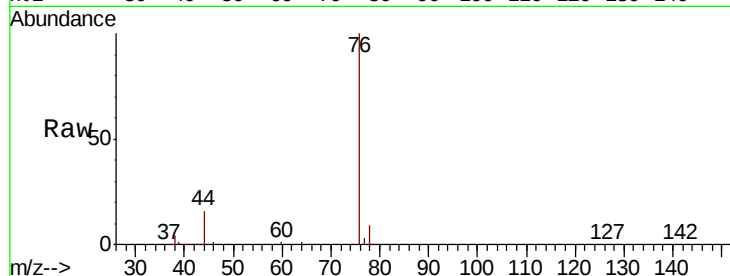




#17
Carbon Disulfide
Concen: 50.537 ug/l
RT: 4.04 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN054863.D
Acq: 31 Mar 2019 20:50

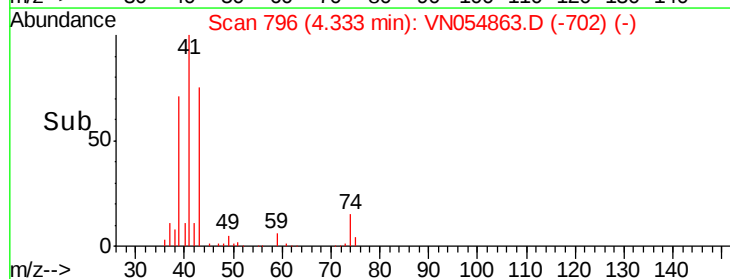
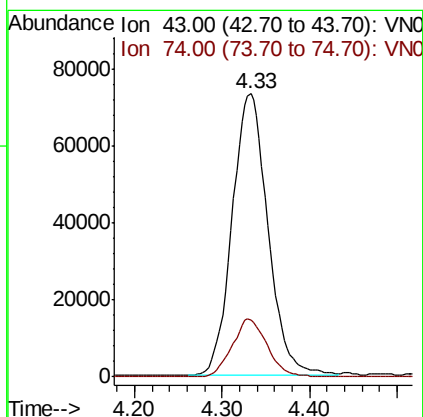
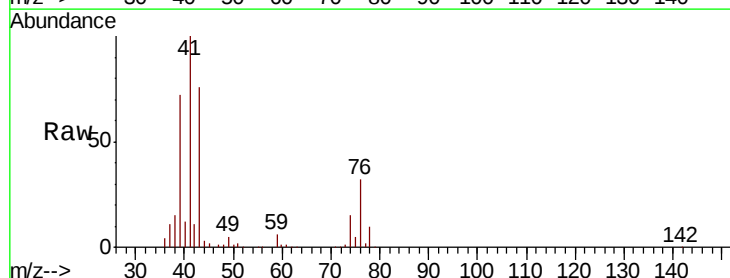
Instrument :
MSVOA_N
ClientSampleId :

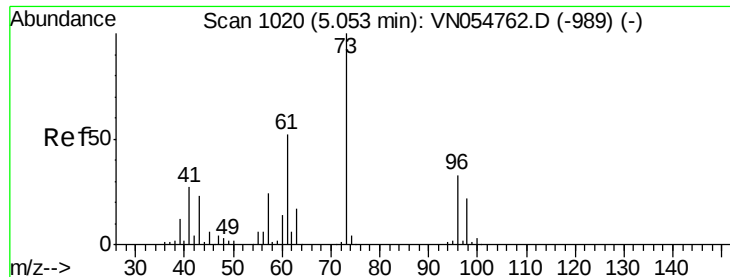
Tot Ion: 76 Resp: 529186
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 60.496 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN054863.D
Acq: 31 Mar 2019 20:50

Tgt Ion: 43 Resp: 207376
Ion Ratio Lower Upper
43 100
74 20.1 20.8 31.2#

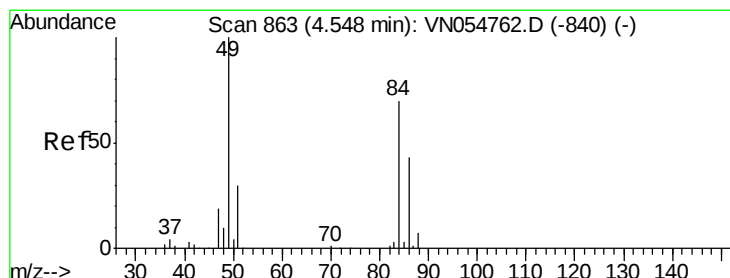
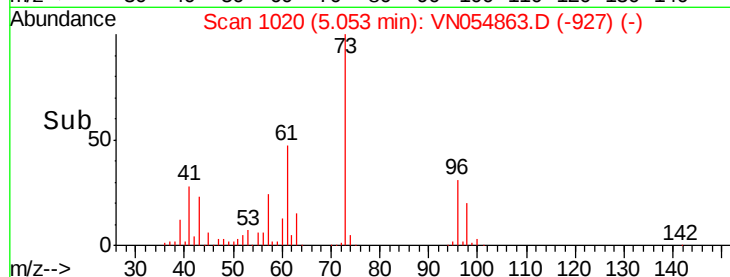
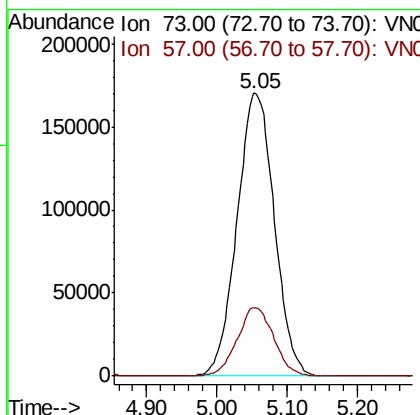
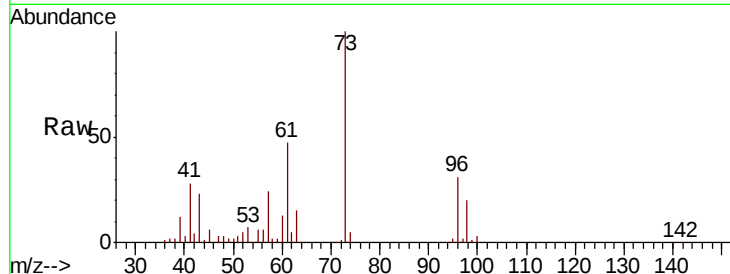




#19
Methvl tert-butvl Ether
Concen: 55.663 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VN054863.D
Acq: 31 Mar 2019 20:50

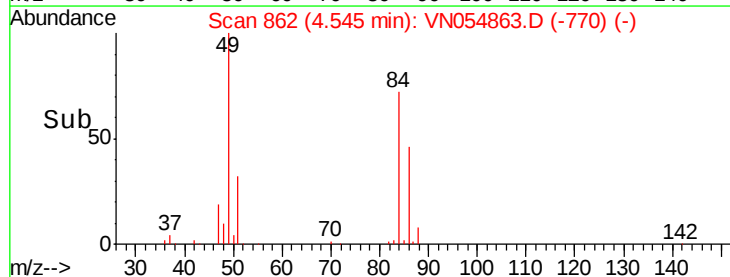
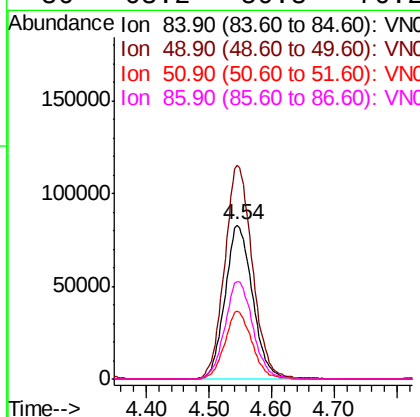
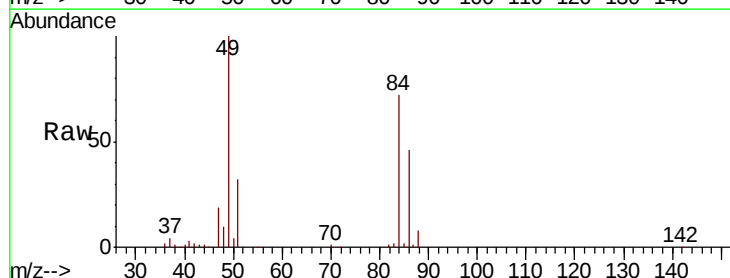
Instrument :
MSVOA_N
ClientSampleId :

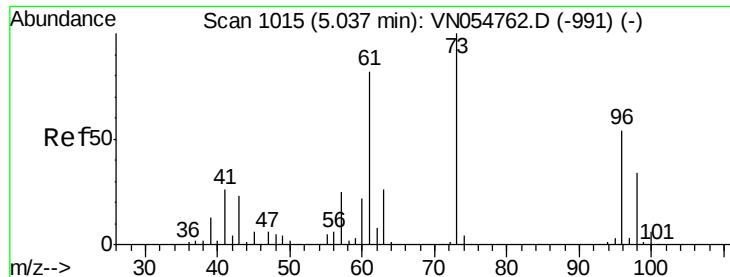
Tot Ion: 73 Resp: 628611
Ion Ratio Lower Upper
73 100
57 24.4 16.8 25.2



#20
Methylene Chloride
Concen: 54.090 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN054863.D
Acq: 31 Mar 2019 20:50

Tgt Ion: 84 Resp: 251909
Ion Ratio Lower Upper
84 100
49 138.9 89.7 134.5#
51 43.9 28.2 42.4#
86 63.2 50.8 76.2

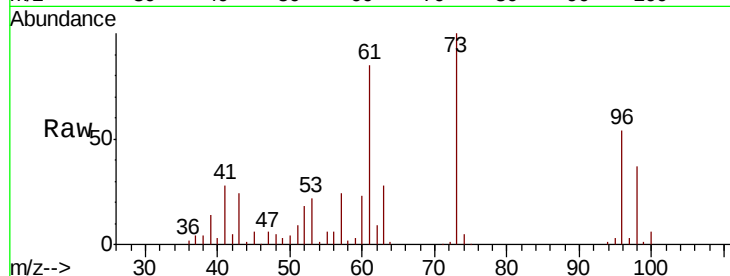




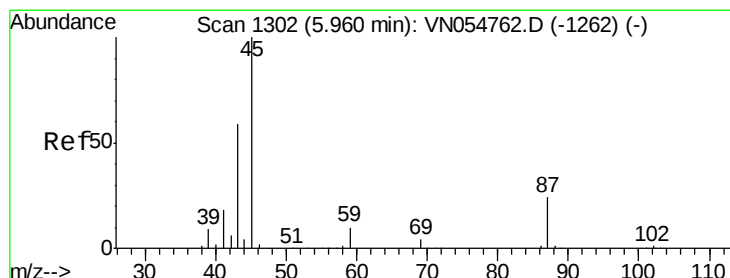
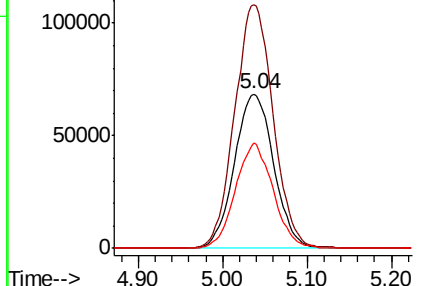
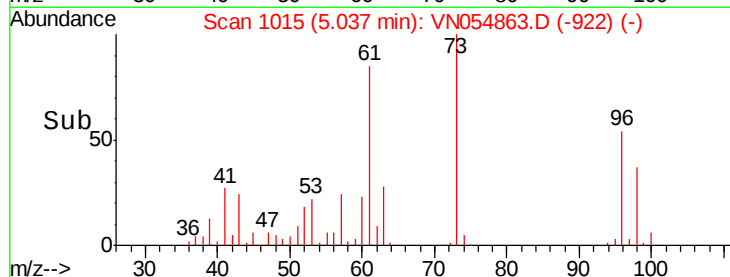
#21
trans-1,2-Dichloroethene
Concen: 52.271 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VN054863.D
Acq: 31 Mar 2019 20:50

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 221661
Ion Ratio Lower Upper
96 100
61 157.3 102.8 154.2#
98 68.3 50.0 75.0

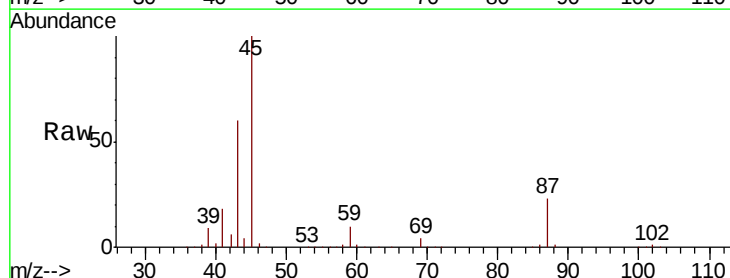


Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC

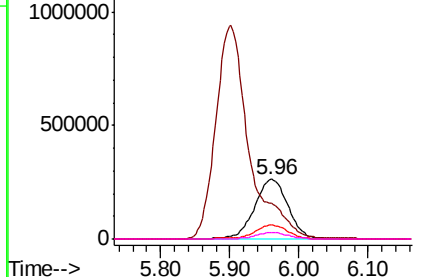
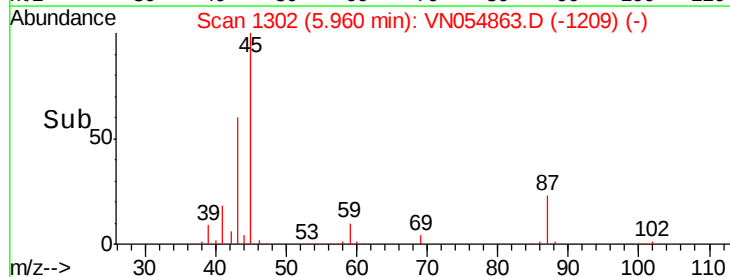


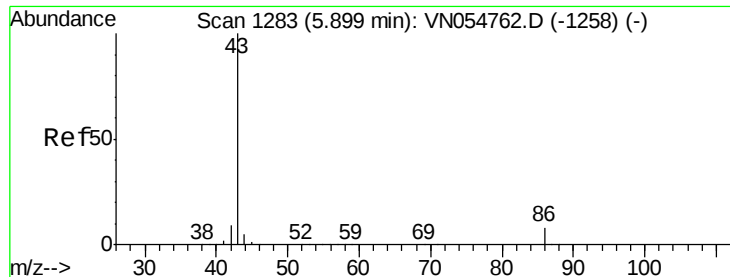
#22
Diisopropyl ether
Concen: 56.301 ug/l
RT: 5.96 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VN054863.D
Acq: 31 Mar 2019 20:50

Tgt Ion: 45 Resp: 885508
Ion Ratio Lower Upper
45 100
43 58.5 48.2 72.2
87 22.7 24.9 37.3#
59 10.1 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 87.00 (86.70 to 87.70): VNC
Ion 59.00 (58.70 to 59.70): VNC

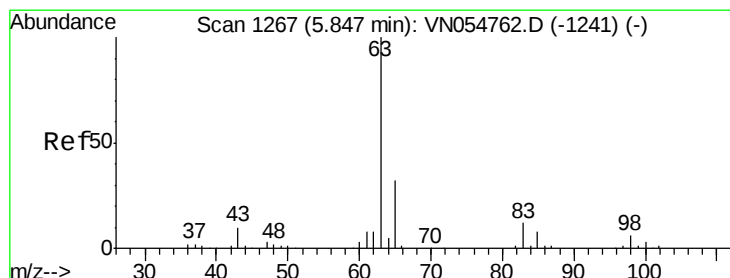
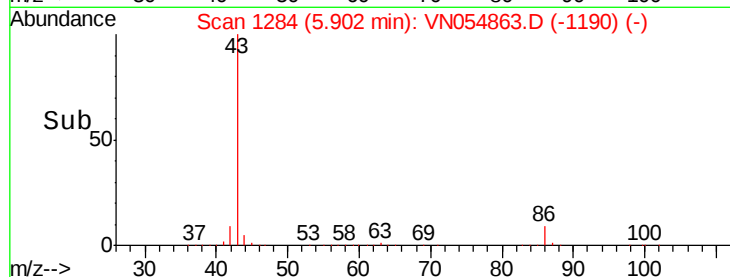
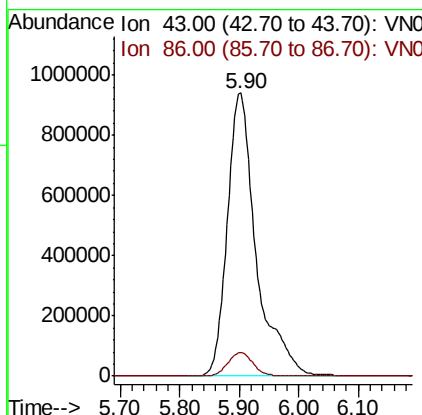
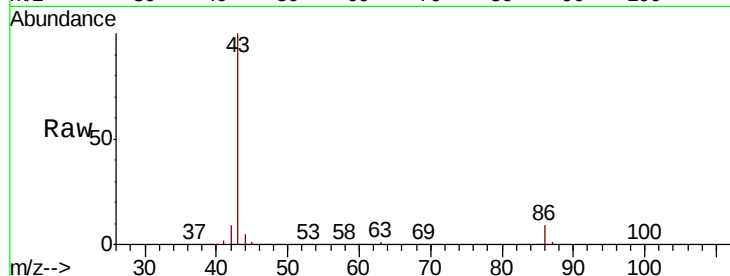




#23
 Vinyl Acetate
 Concen: 289.797 ug/l
 RT: 5.90 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VN054863.D
 Acq: 31 Mar 2019 20:50

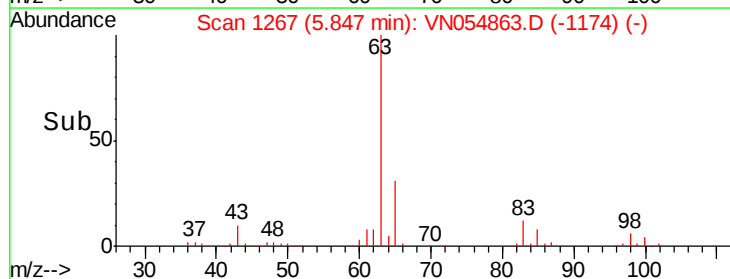
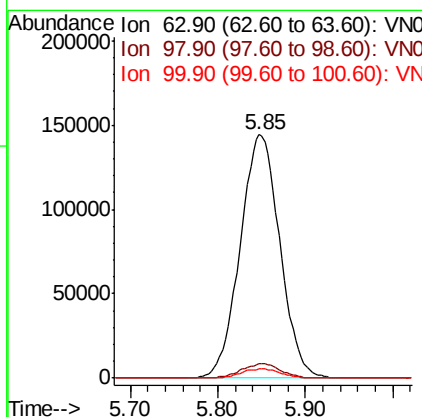
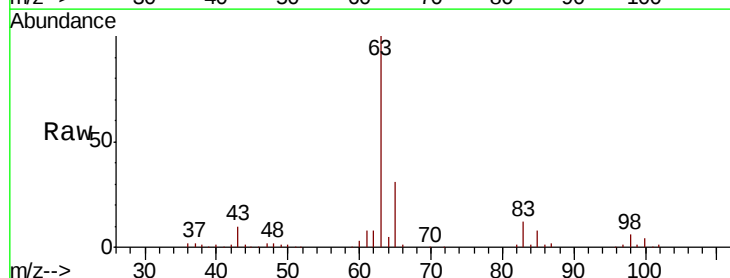
Instrument :
 MSVOA_N
 ClientSampled :

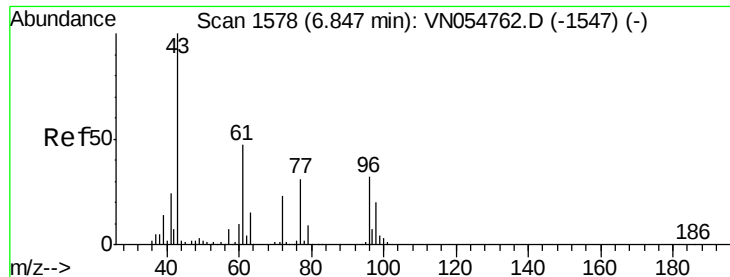
Tot Ion: 43 Resp: 3171911
 Ion Ratio Lower Upper
 43 100
 86 8.5 9.1 13.7#



#24
 1,1-Dichloroethane
 Concen: 54.083 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN054863.D
 Acq: 31 Mar 2019 20:50

Tgt Ion: 63 Resp: 453760
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.5 10.5
 100 3.6 2.0 6.0

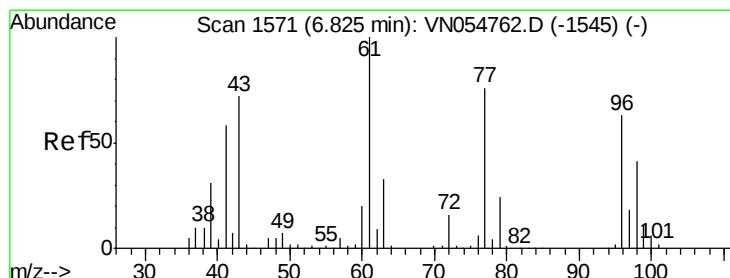
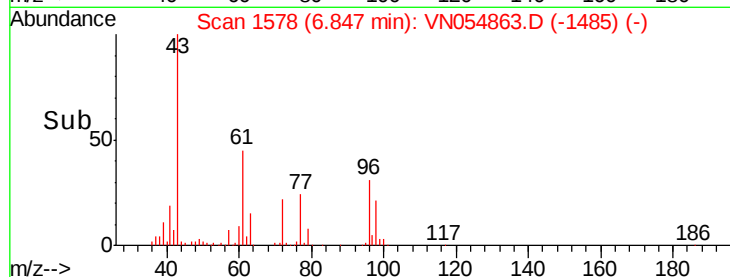
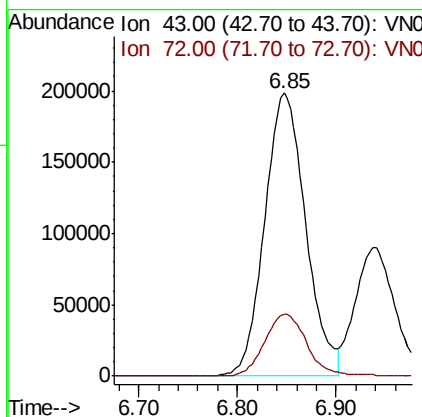
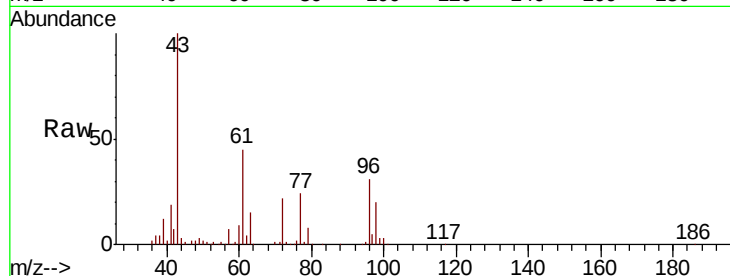




#25
2-Butanone
Concen: 291.736 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VN054863.D
Acq: 31 Mar 2019 20:50

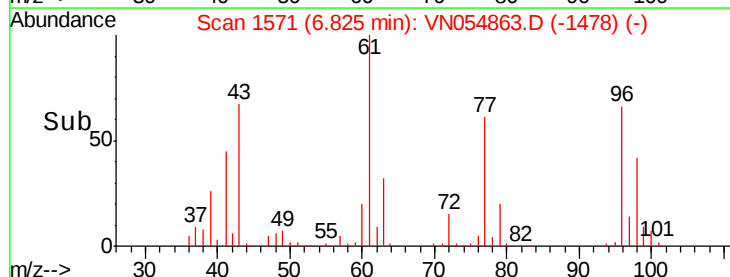
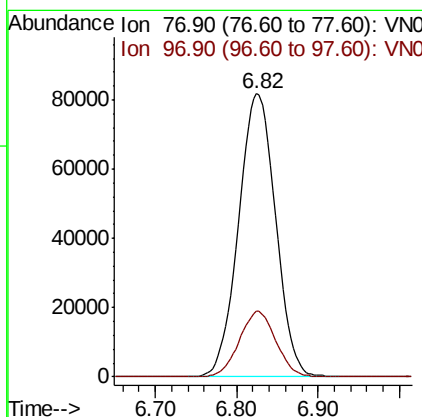
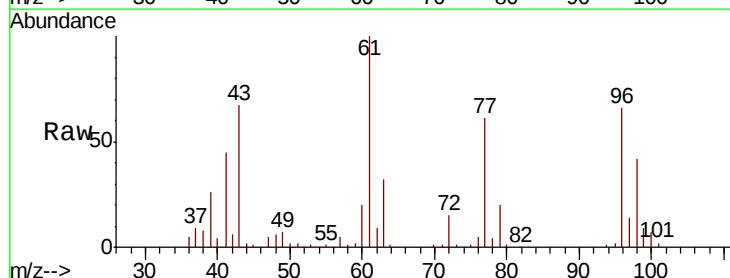
Instrument :
MSVOA_N
ClientSampled :

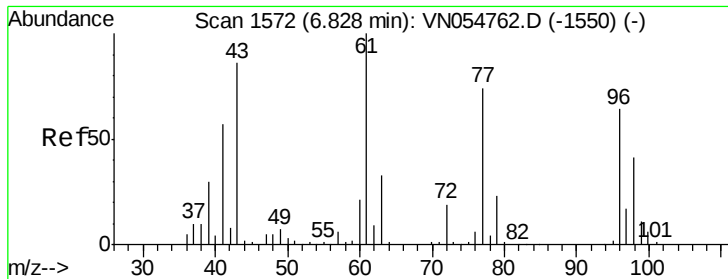
Tot Ion: 43 Resp: 569361
Ion Ratio Lower Upper
43 100
72 22.0 23.0 34.6#



#26
2,2-Dichloropropane
Concen: 43.646 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN054863.D
Acq: 31 Mar 2019 20:50

Tgt Ion: 77 Resp: 256659
Ion Ratio Lower Upper
77 100
97 22.9 11.9 35.9

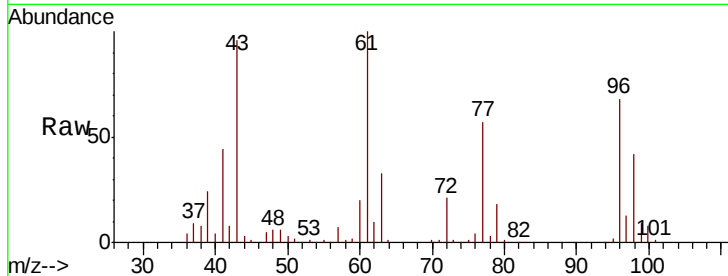




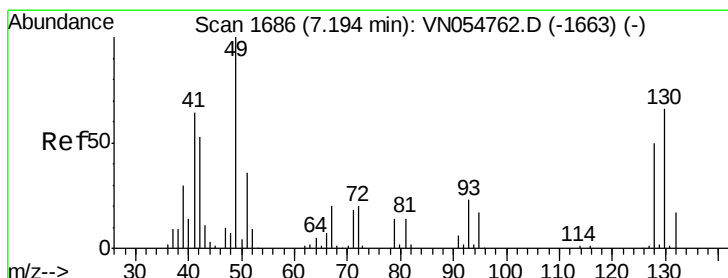
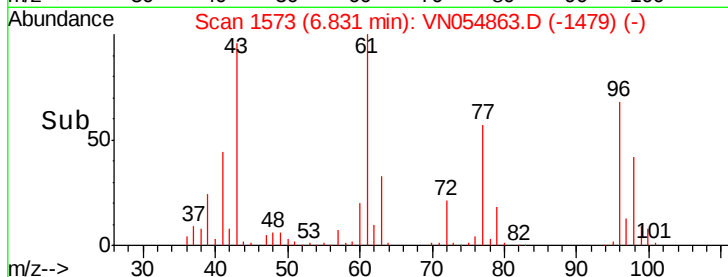
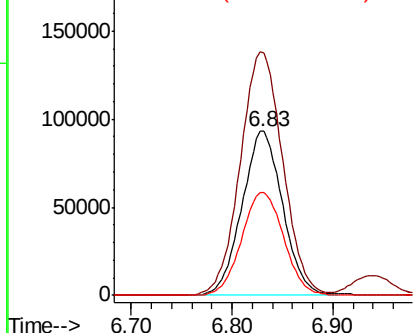
#27
 cis-1,2-Dichloroethene
 Concen: 54.408 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN054863.D
 Acq: 31 Mar 2019 20:50

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 96 Resp: 260640
 Ion Ratio Lower Upper
 96 100
 61 155.2 0.0 273.0
 98 64.9 0.0 130.6

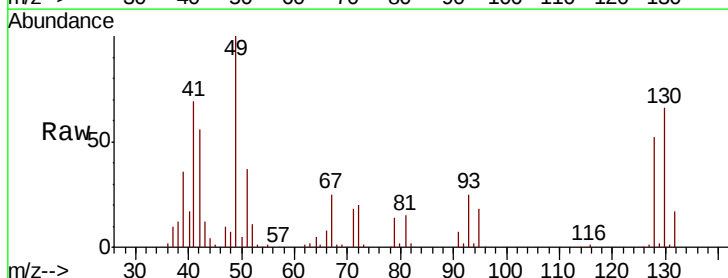


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

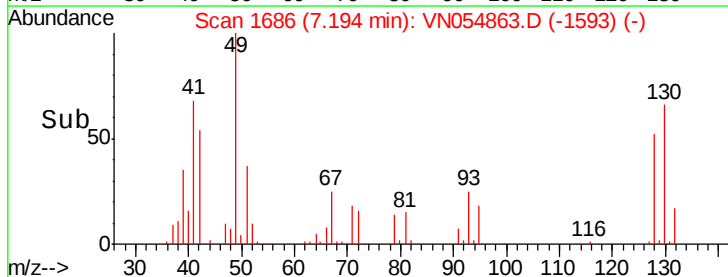
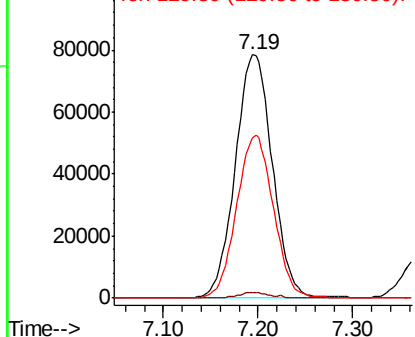


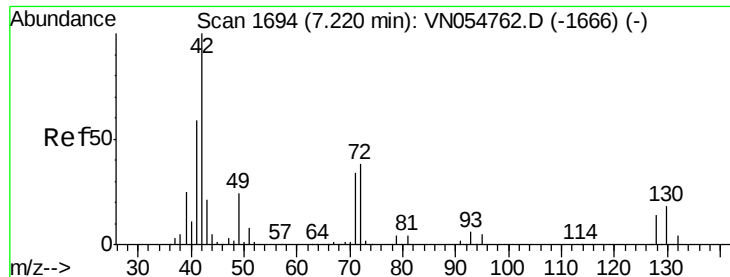
#28
 Bromochloromethane
 Concen: 51.040 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VN054863.D
 Acq: 31 Mar 2019 20:50

Tgt Ion: 49 Resp: 214130
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 66.2 76.7 115.1#



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

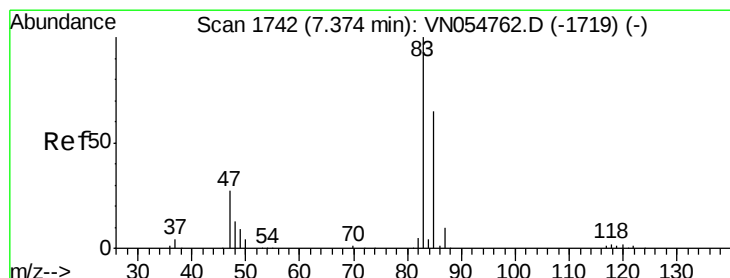
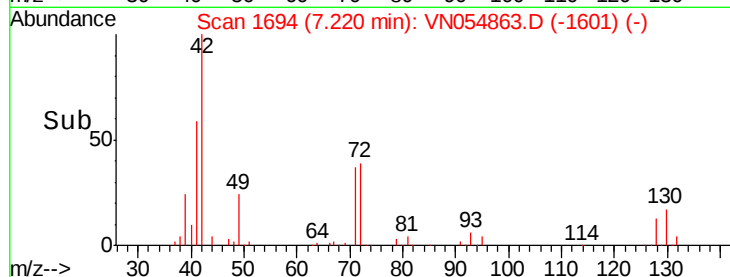
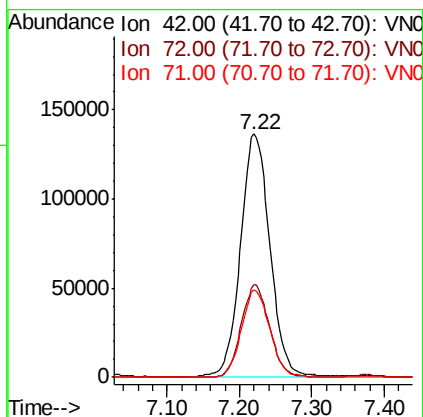
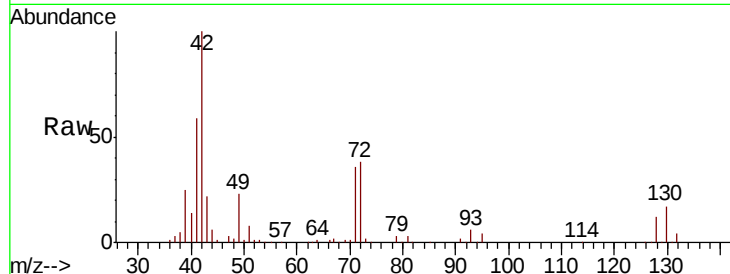




#29
Tetrahydrofuran
Concen: 283.476 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VN054863.D
Acq: 31 Mar 2019 20:50

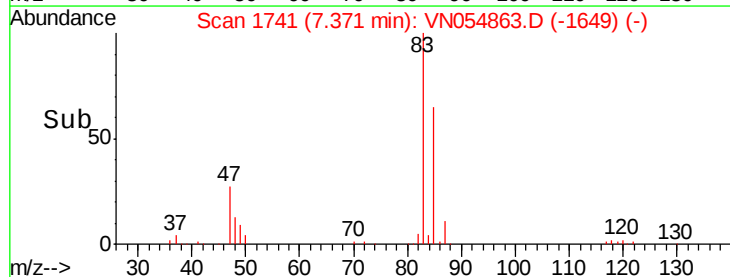
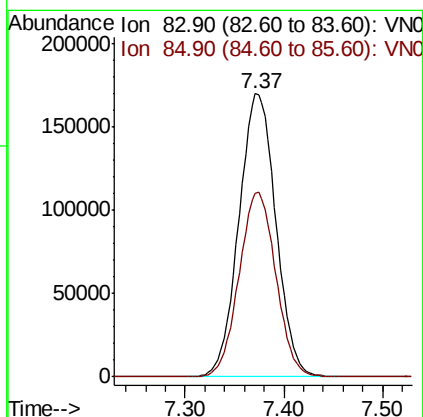
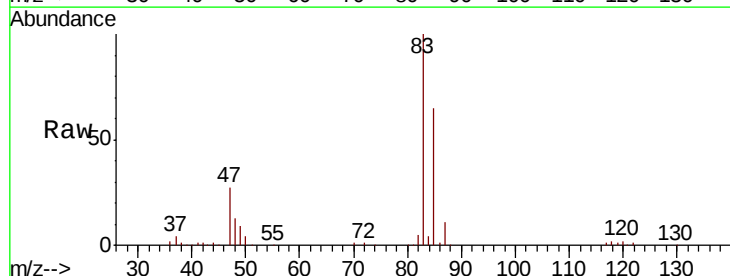
Instrument :
MSVOA_N
ClientSampleId :

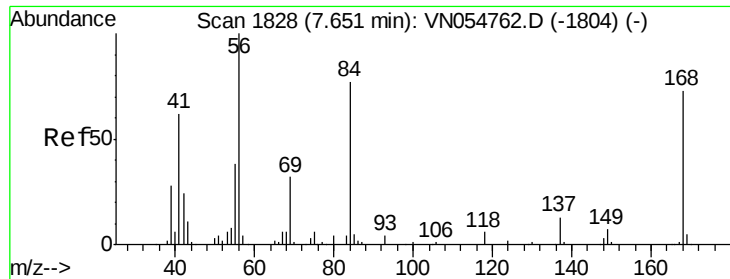
Tot Ion: 42 Resp: 384253
Ion Ratio Lower Upper
42 100
72 36.8 37.8 56.6#
71 34.8 36.2 54.2#



#30
Chloroform
Concen: 55.112 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN054863.D
Acq: 31 Mar 2019 20:50

Tgt Ion: 83 Resp: 440911
Ion Ratio Lower Upper
83 100
85 65.1 52.2 78.4





#31

Cyclohexane

Concen: 54.036 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

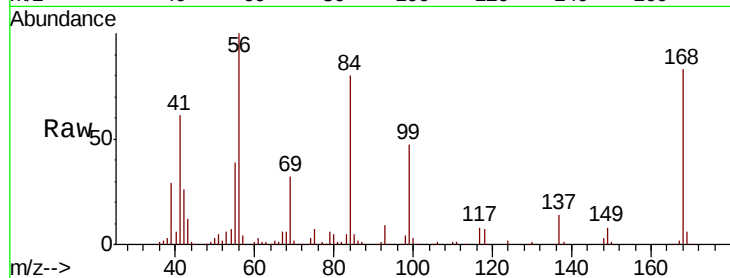
Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 411819

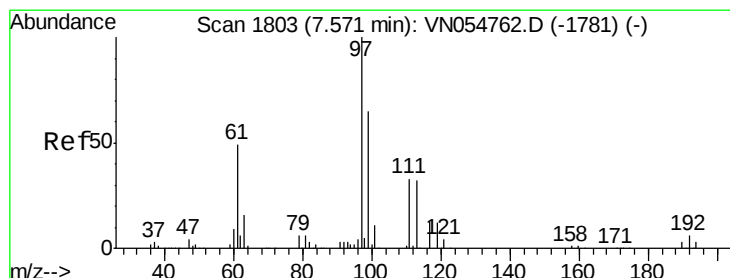
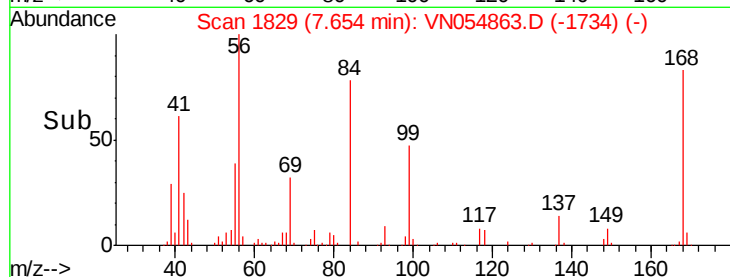
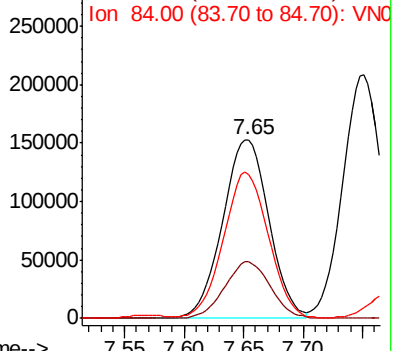
Ion	Ratio	Lower	Upper
56	100		
69	31.6	27.8	41.6
84	79.0	74.6	111.8



Abundance Ion 56.00 (55.70 to 56.70): VN054863.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN054863.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN054863.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 55.475 ug/l

RT: 7.57 min Scan# 1803

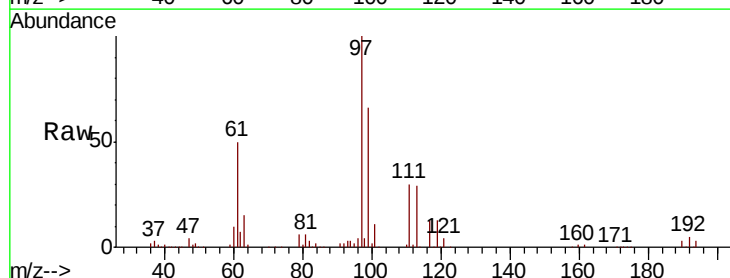
Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

Tgt Ion: 97 Resp: 367795

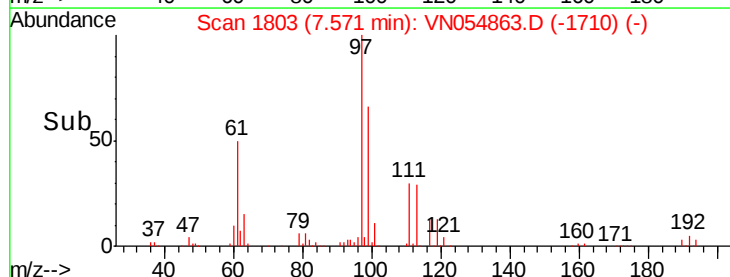
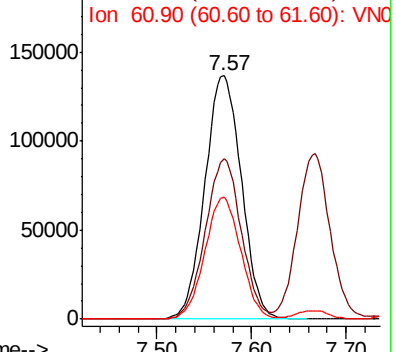
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.5	77.3
61	49.2	33.6	50.4

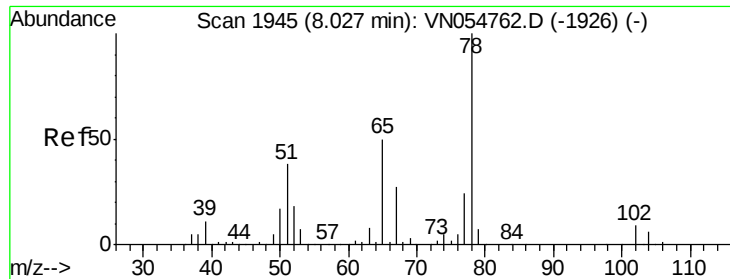


Abundance Ion 96.90 (96.60 to 97.60): VN054863.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN054863.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN054863.D (-1710) (-)

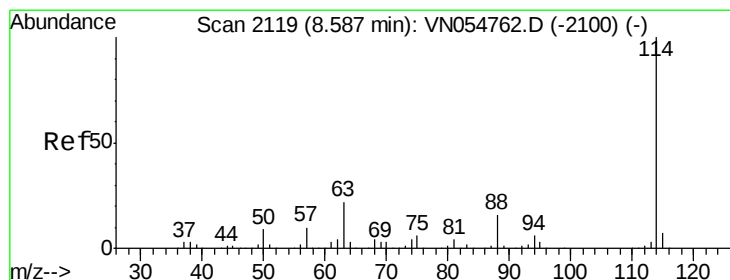
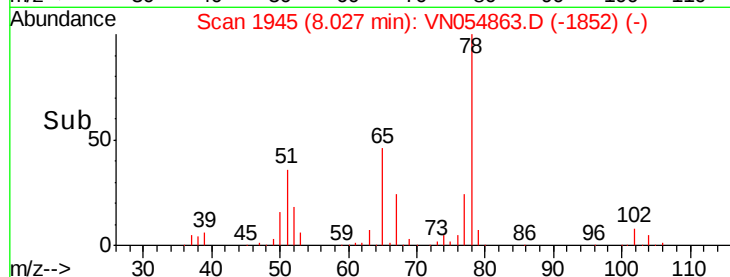
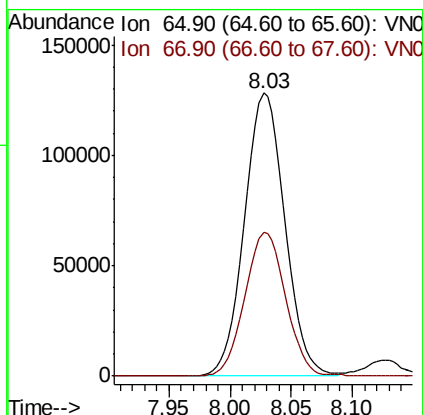
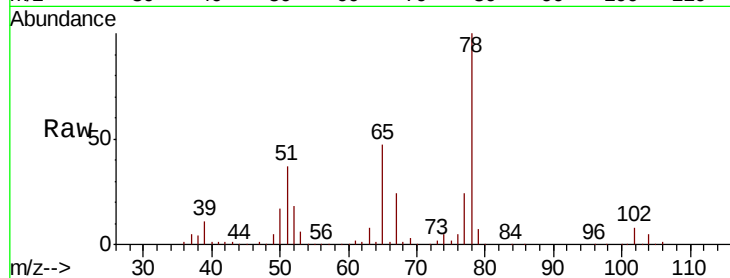




#33
 1,2-Dichloroethane-d4
 Concen: 53.032 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054863.D
 Acq: 31 Mar 2019 20:50

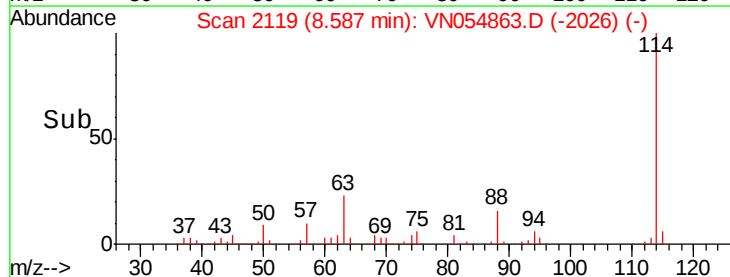
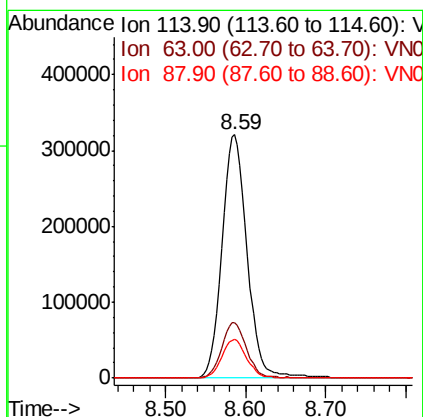
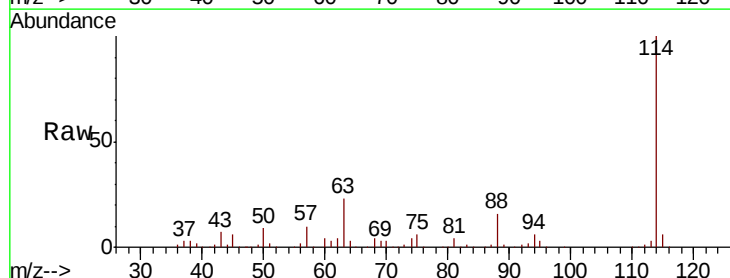
Instrument :
 MSVOA_N
 ClientSampled :

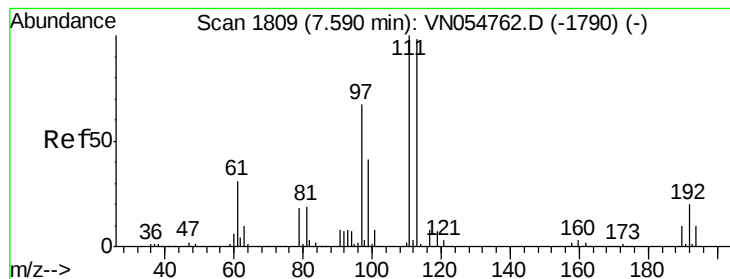
Tot Ion: 65 Resp: 293616
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054863.D
 Acq: 31 Mar 2019 20:50

Tgt Ion: 114 Resp: 692921
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 35.2
 88 15.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 49.802 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

Instrument :

MSVOA_N

ClientSampled :

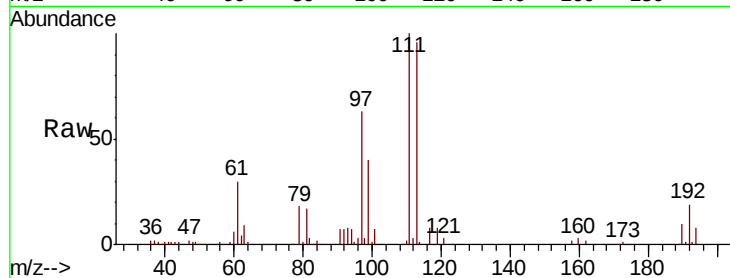
Tot Ion:113 Resp: 230066

Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

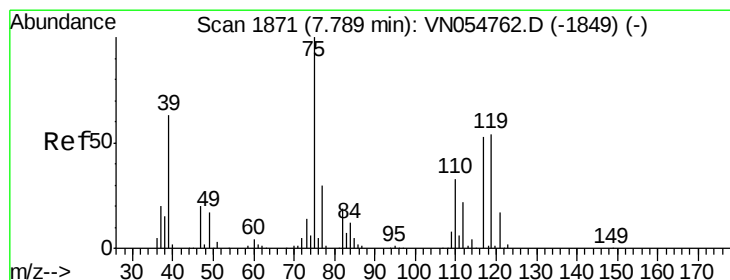
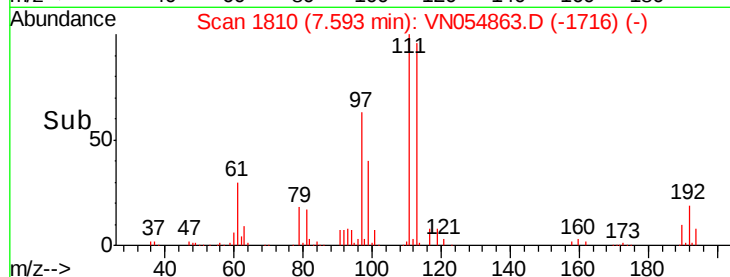
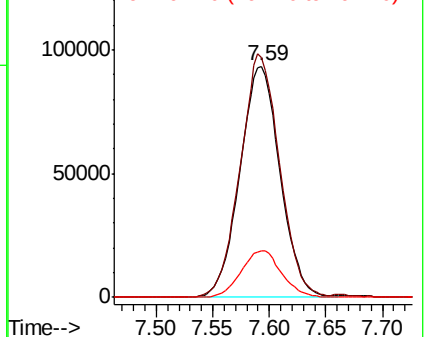
192 20.3 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.514 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

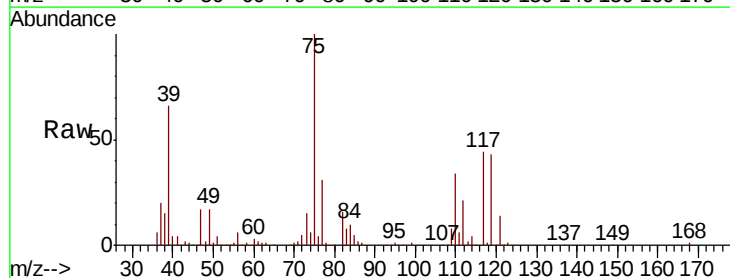
Tgt Ion: 75 Resp: 332610

Ion Ratio Lower Upper

75 100

110 33.7 19.1 57.5

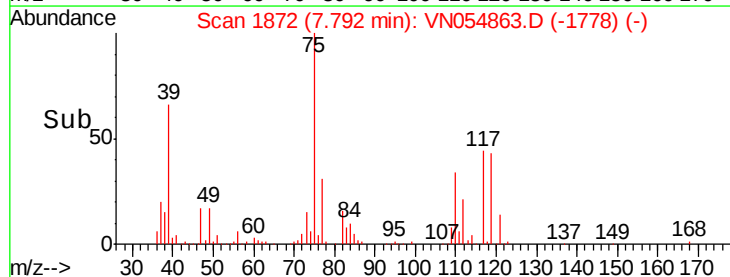
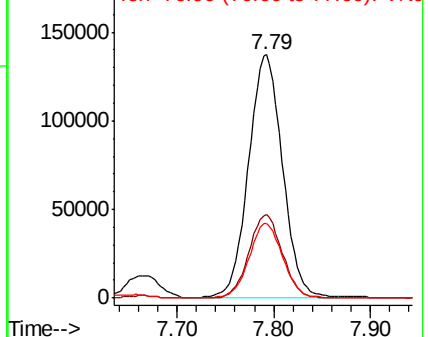
77 30.9 25.0 37.4

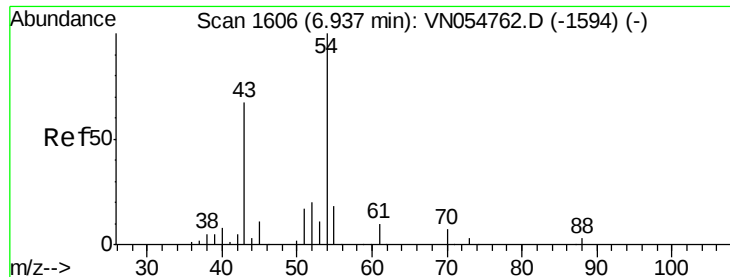


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

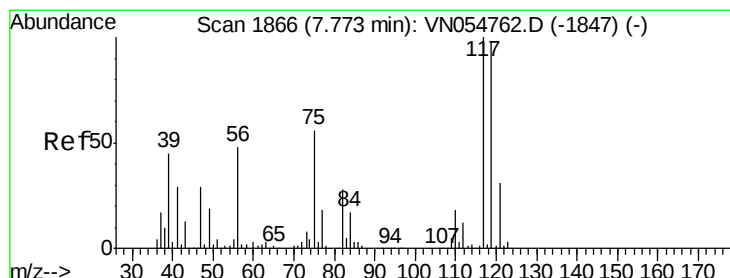
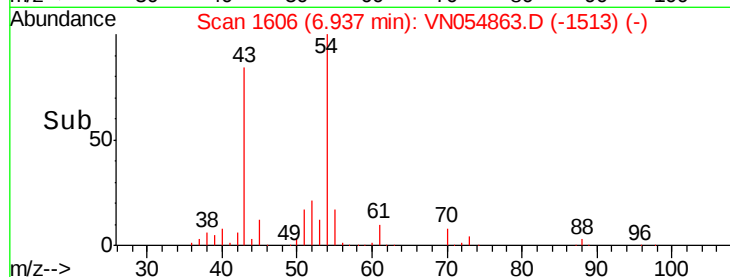
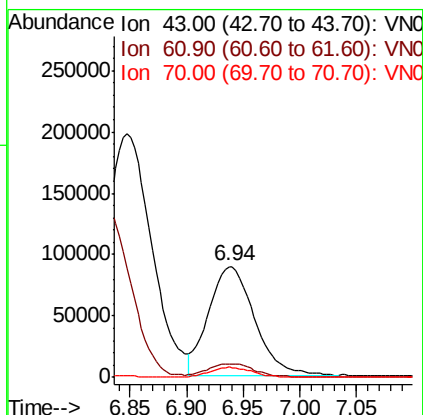
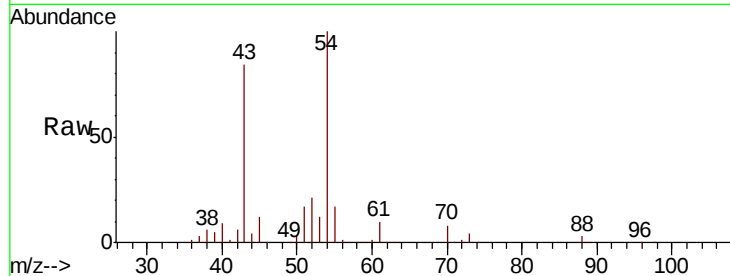




#37
Ethyl Acetate
Concen: 53.263 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VN054863.D
Acq: 31 Mar 2019 20:50

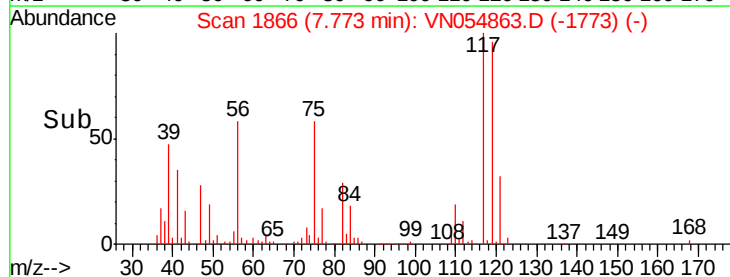
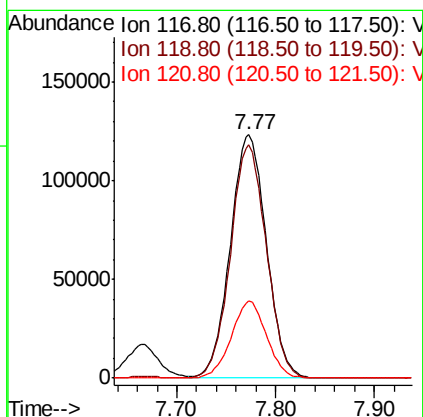
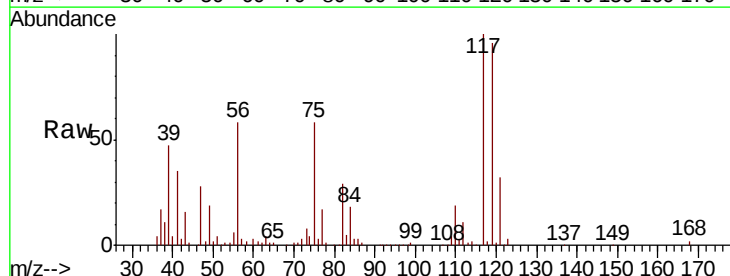
Instrument :
MSVOA_N
ClientSampled :

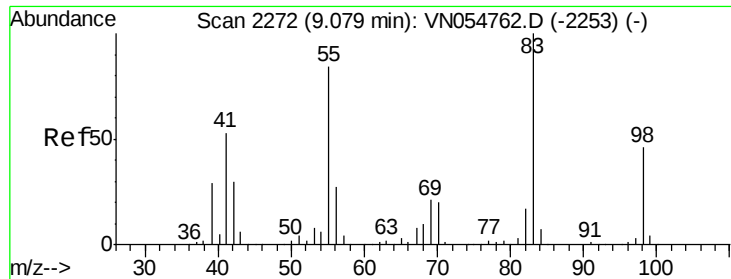
Tot Ion: 43 Resp: 252194
Ion Ratio Lower Upper
43 100
61 12.5 11.8 17.6
70 8.7 8.4 12.6



#38
Carbon Tetrachloride
Concen: 50.092 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN054863.D
Acq: 31 Mar 2019 20:50

Tgt Ion: 117 Resp: 314134
Ion Ratio Lower Upper
117 100
119 95.8 76.3 114.5
121 31.8 24.6 36.8

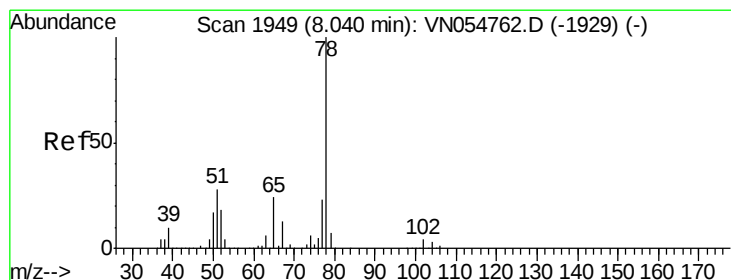
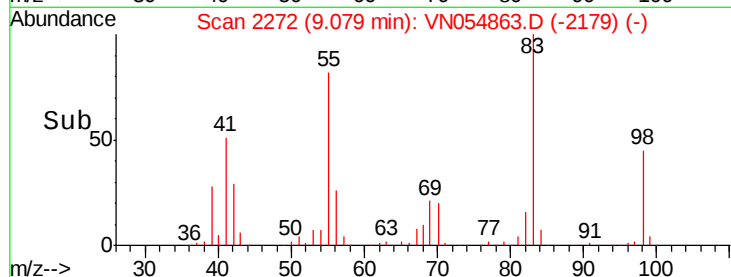
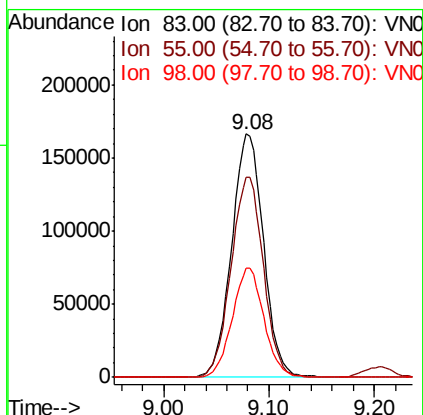
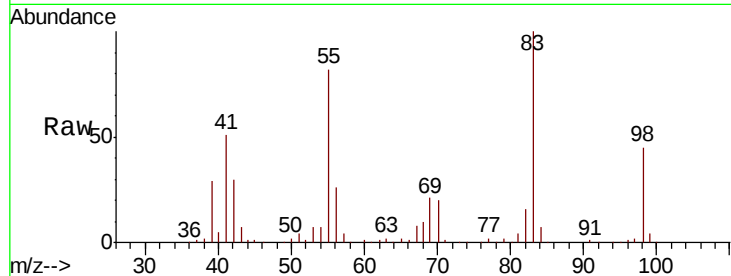




#39
Methvlcvclohexane
Concen: 49.092 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN054863.D
Acq: 31 Mar 2019 20:50

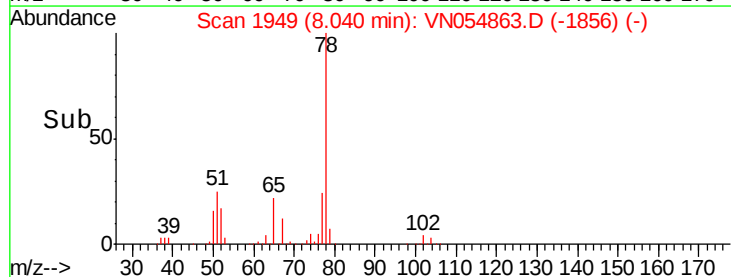
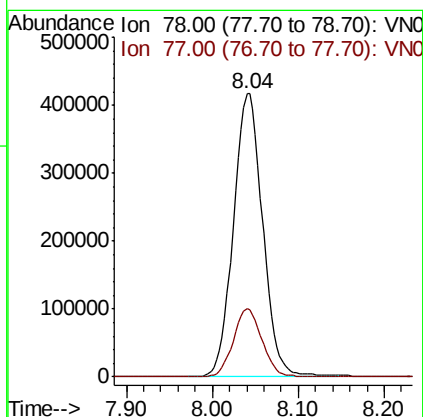
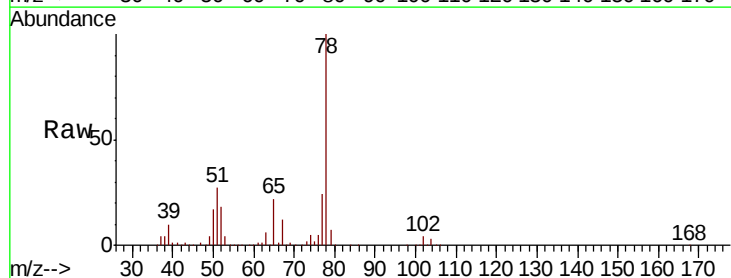
Instrument :
MSVOA_N
ClientSampled :

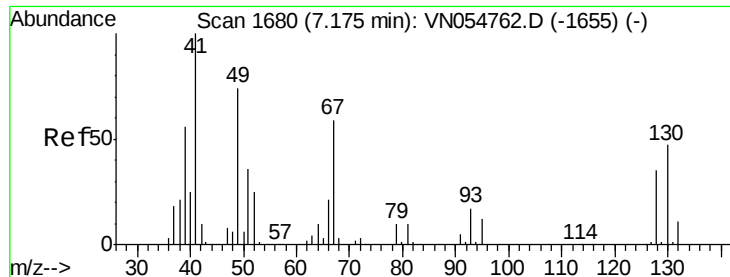
Tot Ion: 83 Resp: 348476
Ion Ratio Lower Upper
83 100
55 82.3 56.6 84.8
98 44.8 38.4 57.6



#40
Benzene
Concen: 53.446 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN054863.D
Acq: 31 Mar 2019 20:50

Tgt Ion: 78 Resp: 987423
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7





#41

Methacrylonitrile

Concen: 58.322 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

Instrument :

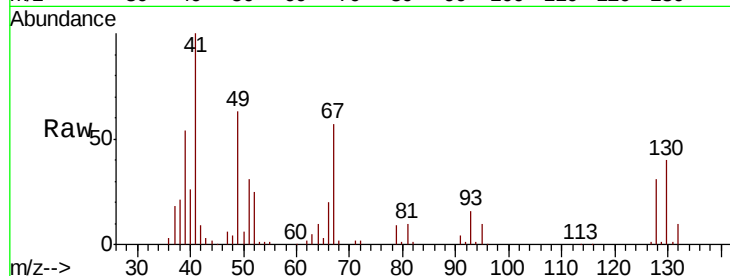
MSVOA_N

ClientSampled :

Tot Ion: 41 Resp: 155125

Ion Ratio Lower Upper

41	100		
39	53.2	46.8	70.2
67	64.4	67.0	100.4
52	27.0	26.5	39.7

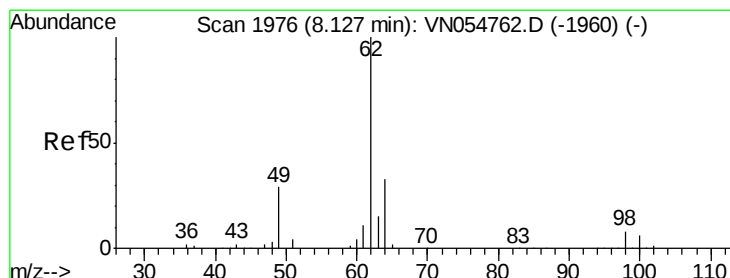
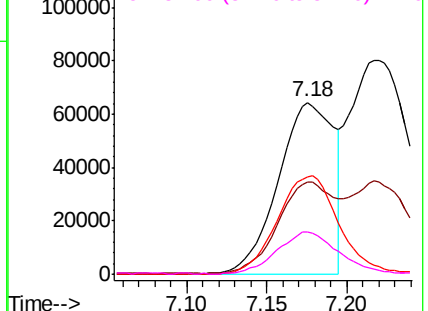
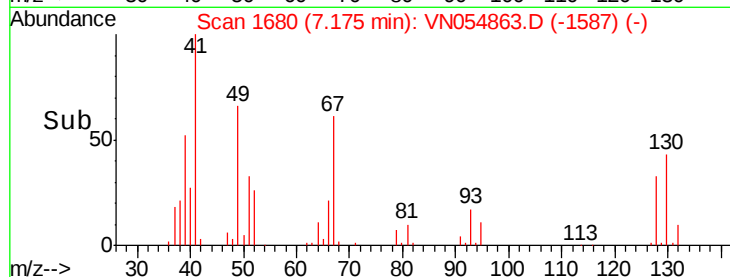


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 52.776 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

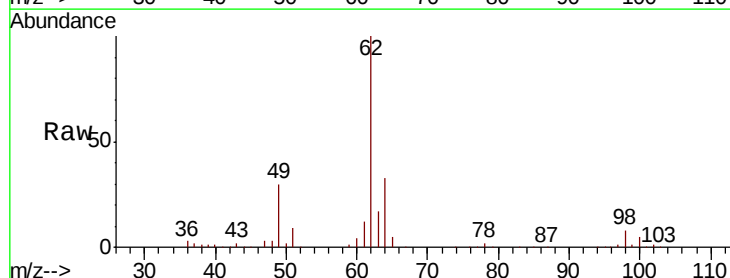
Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

Tgt Ion: 62 Resp: 348148

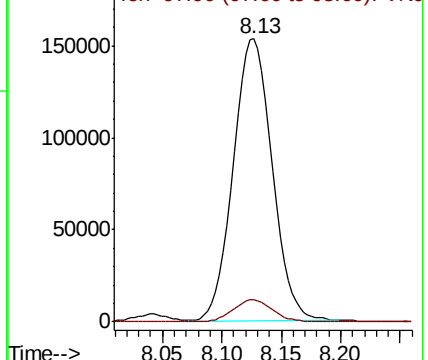
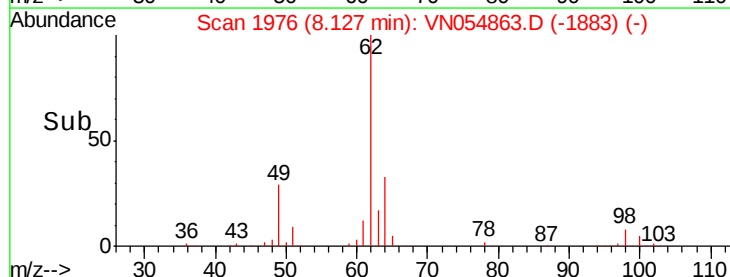
Ion Ratio Lower Upper

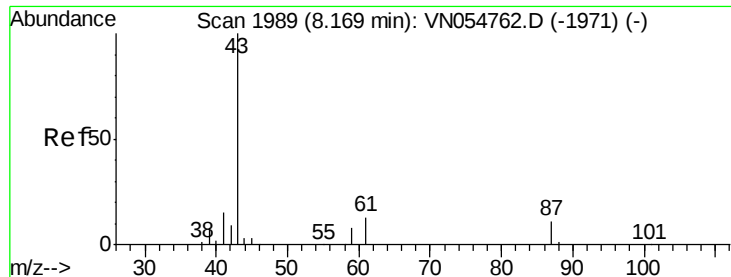
62	100		
98	8.0	0.0	18.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 58.088 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

Instrument :

MSVOA_N

ClientSampled :

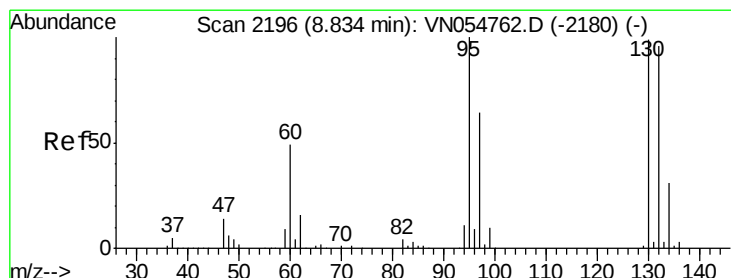
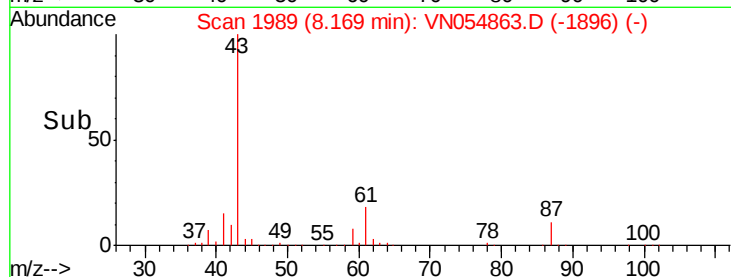
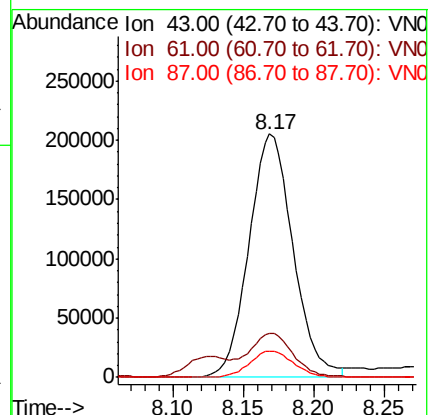
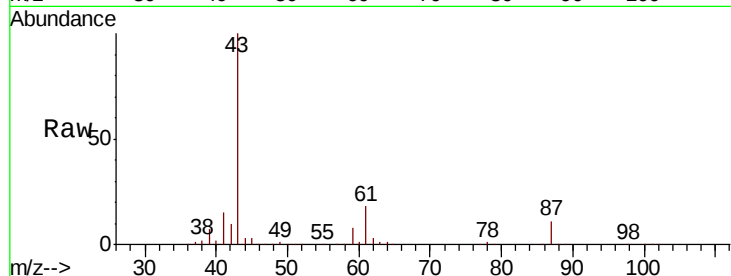
Tot Ion: 43 Resp: 446894

Ion Ratio Lower Upper

43 100

61 17.1 15.8 23.8

87 10.8 12.0 18.0#



#44

Trichloroethene

Concen: 52.374 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN054863.D

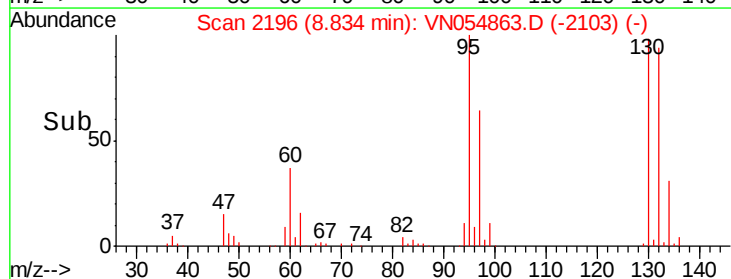
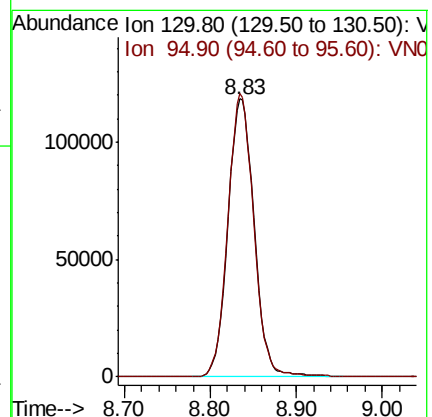
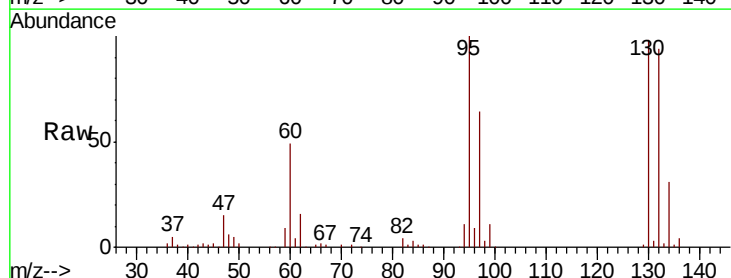
Acq: 31 Mar 2019 20:50

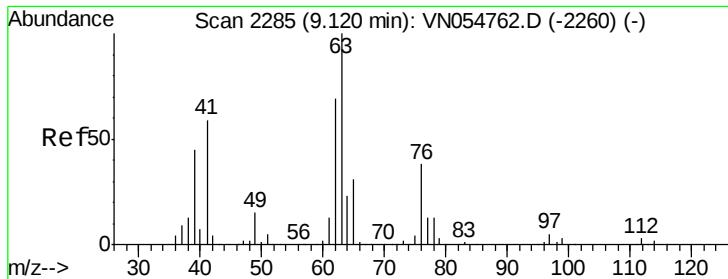
Tgt Ion:130 Resp: 251180

Ion Ratio Lower Upper

130 100

95 101.9 0.0 185.2





#45

1,2-Dichloropropane

Concen: 53.440 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

Instrument :

MSVOA_N

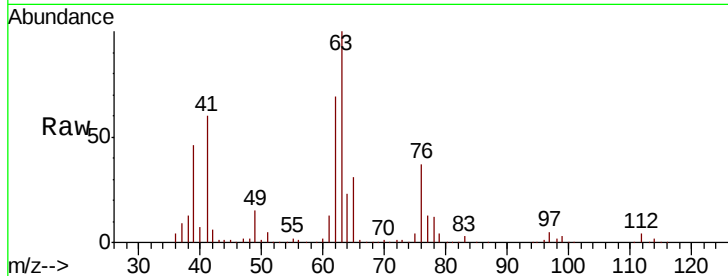
ClientSampleId :

Tot Ion: 63 Resp: 281520

Ion Ratio Lower Upper

63 100

65 31.0 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.12

150000

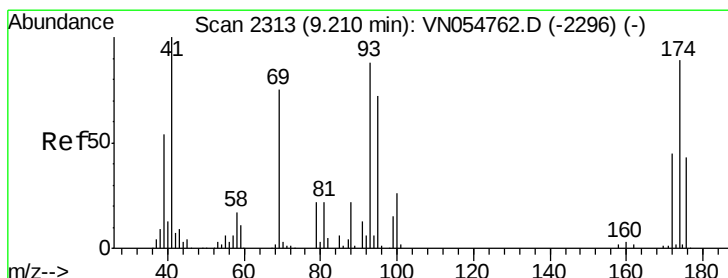
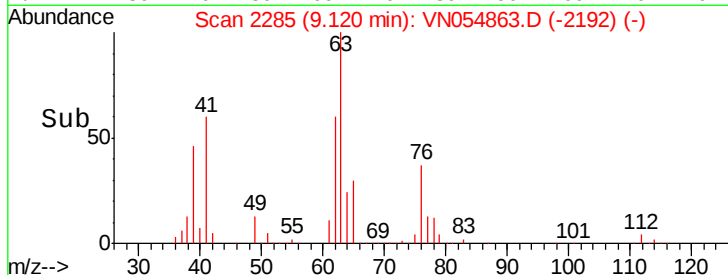
100000

50000

0

Time-->

9.00 9.10 9.20



#46

Dibromomethane

Concen: 53.586 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

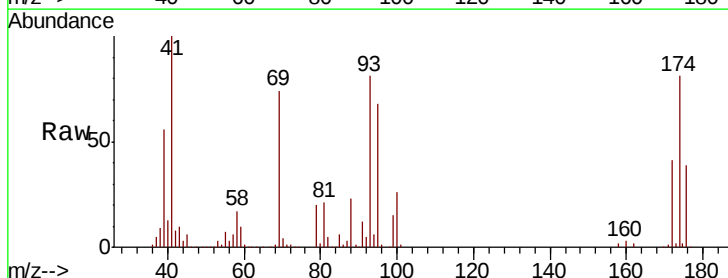
Tgt Ion: 93 Resp: 158801

Ion Ratio Lower Upper

93 100

95 83.8 66.7 100.1

174 100.4 98.5 147.7



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

100000

80000

60000

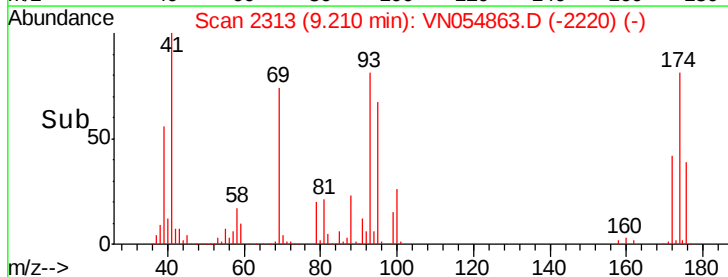
40000

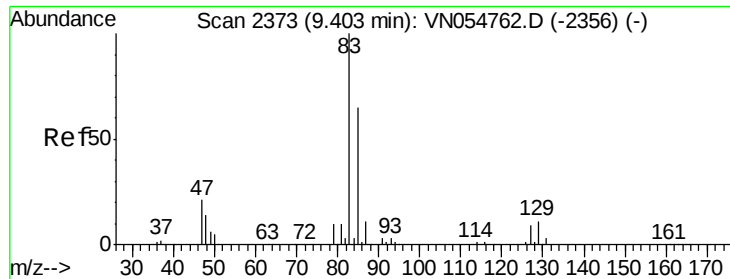
20000

0

Time-->

9.10 9.20 9.30





#47

Bromodichloromethane

Concen: 55.527 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

Instrument :

MSVOA_N

ClientSampleId :

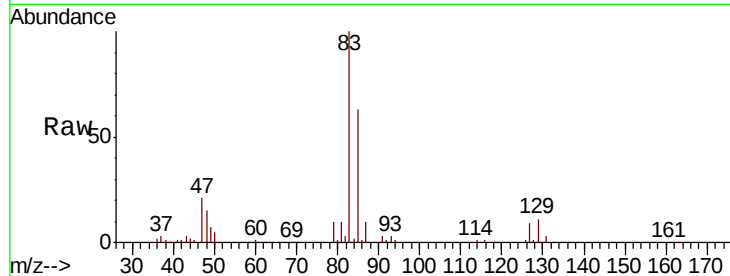
Tot Ion: 83 Resp: 341986

Ion Ratio Lower Upper

83 100

85 63.1 52.8 79.2

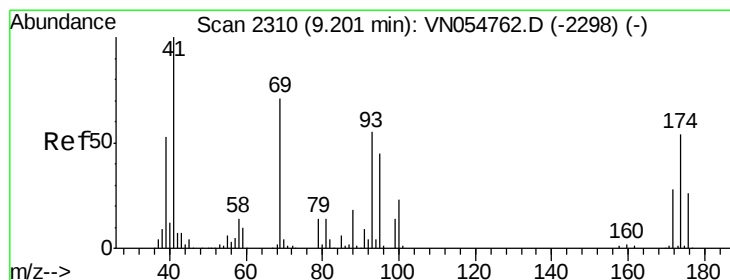
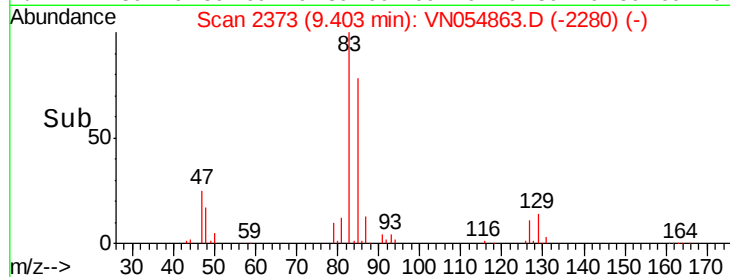
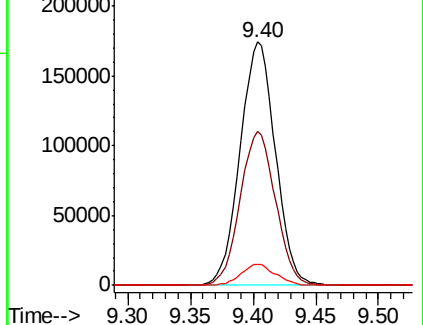
127 8.8 7.4 11.2



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: 54.148 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

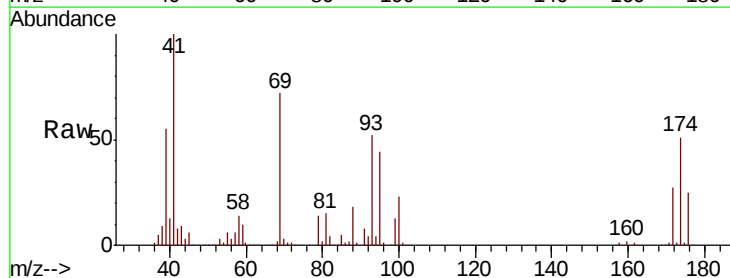
Tgt Ion: 41 Resp: 225820

Ion Ratio Lower Upper

41 100

69 75.3 72.6 108.8

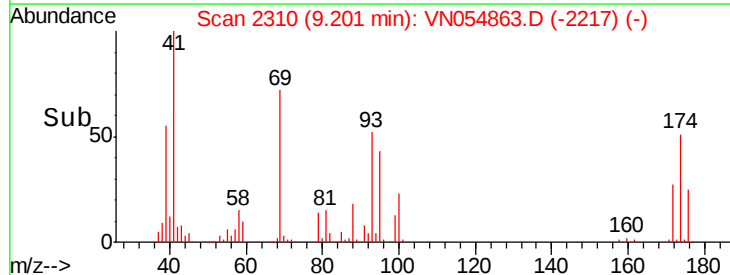
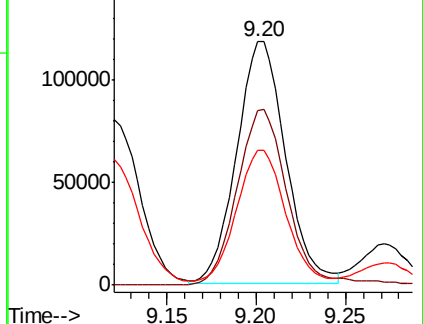
39 55.7 47.5 71.3

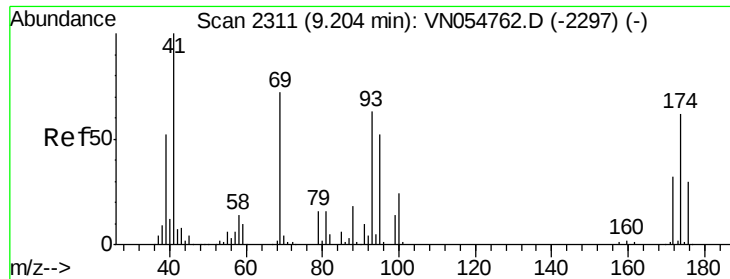


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 1161.116 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

Instrument :
MSVOA_N
ClientSampled :

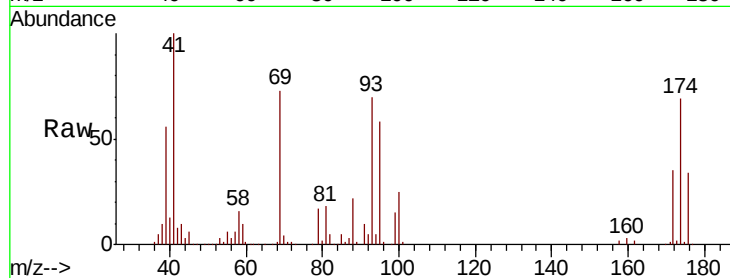
Tot Ion: 88 Resp: 48047

Ion Ratio Lower Upper

88 100

43 39.5 24.1 36.1#

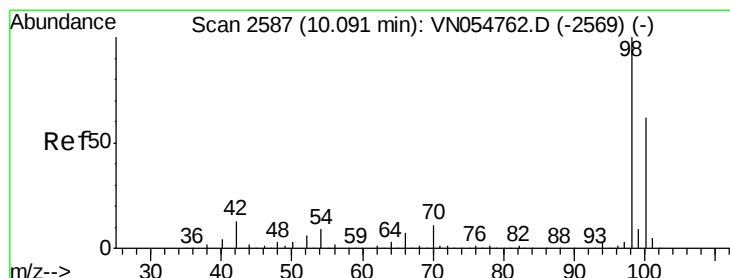
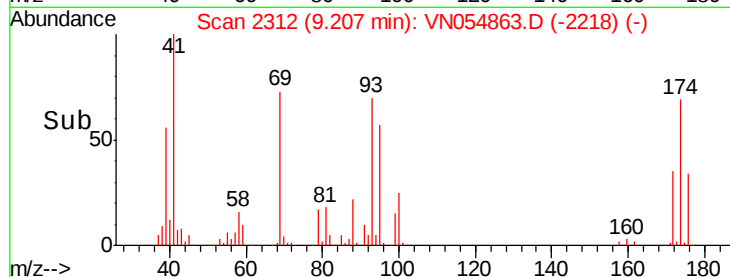
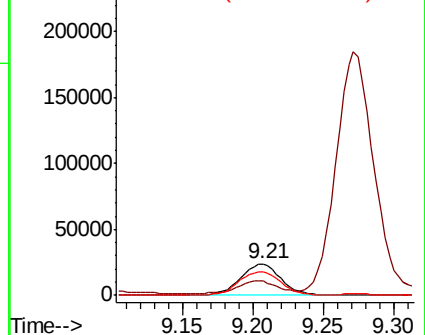
58 77.6 50.8 76.2#



Abundance Ion 88.00 (87.70 to 88.70): VN054863.D (-2218) (-)

Ion 43.00 (42.70 to 43.70): VN054863.D (-2218) (-)

Ion 58.00 (57.70 to 58.70): VN054863.D (-2218) (-)



#50

Toluene-d8

Concen: 50.608 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054863.D

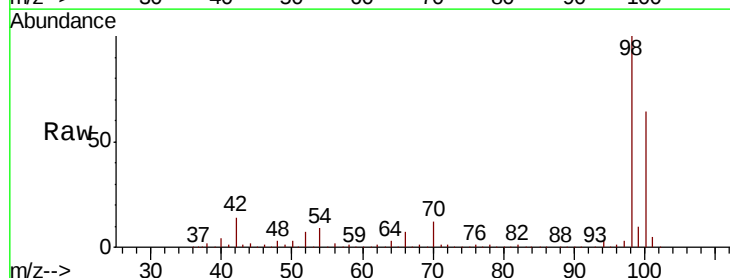
Acq: 31 Mar 2019 20:50

Tgt Ion: 98 Resp: 869188

Ion Ratio Lower Upper

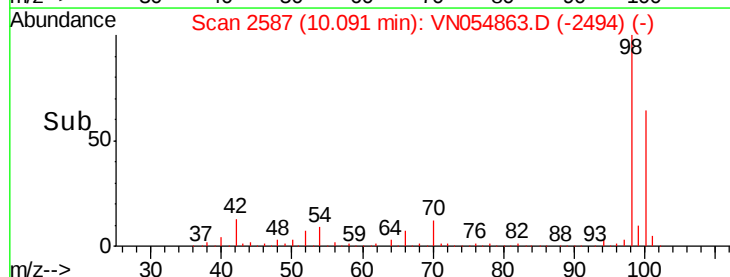
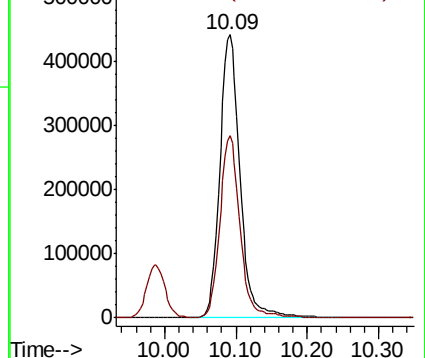
98 100

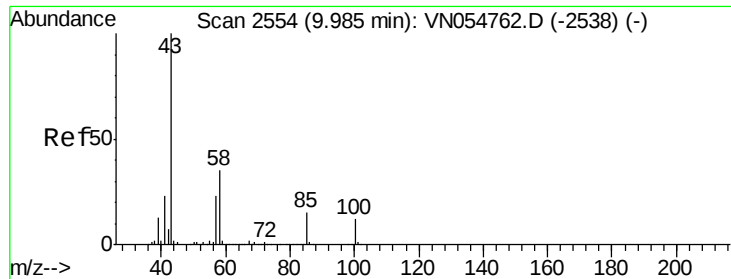
100 63.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054863.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN054863.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 290.093 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

Instrument :

MSVOA_N

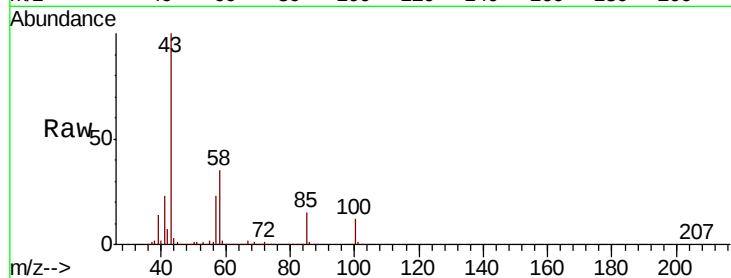
ClientSampleId :

Tot Ion: 43 Resp: 1254785

Ion Ratio Lower Upper

43 100

58 35.6 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN054762.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN054762.D (-2538) (-)

9.99

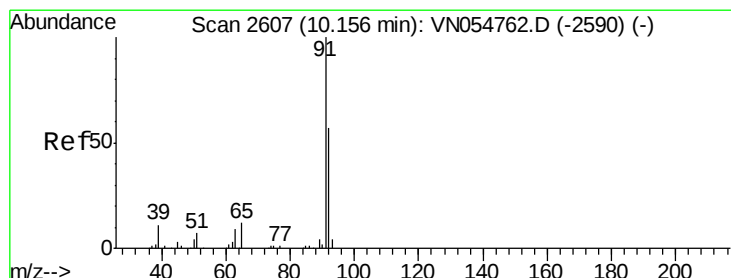
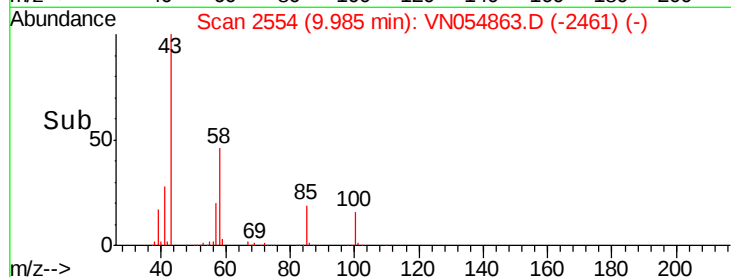
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 53.801 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054863.D

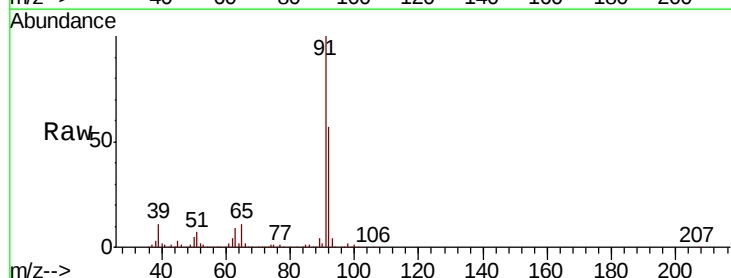
Acq: 31 Mar 2019 20:50

Tgt Ion: 92 Resp: 591458

Ion Ratio Lower Upper

92 100

91 174.4 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN054762.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN054762.D (-2590) (-)

10.16

600000

500000

400000

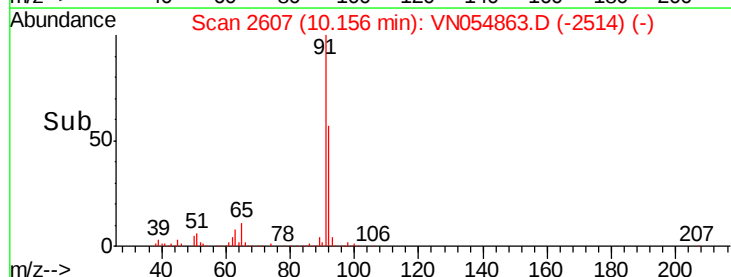
300000

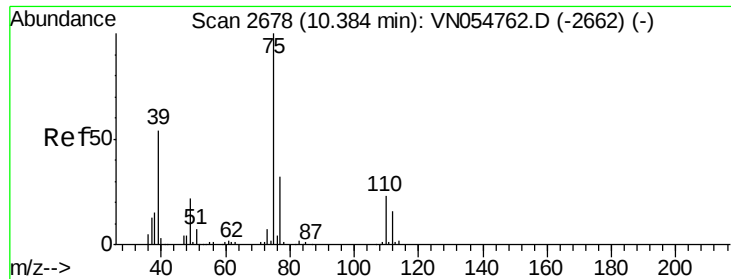
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 55.221 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

Instrument :

MSVOA_N

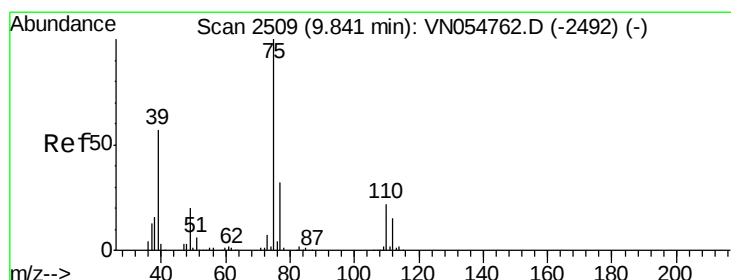
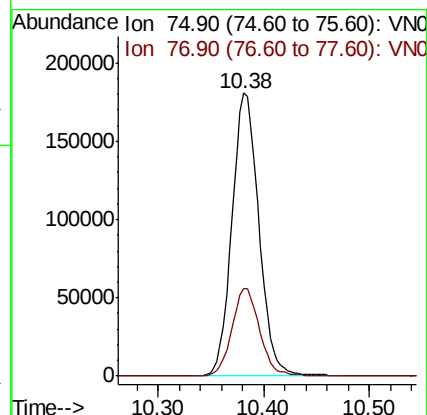
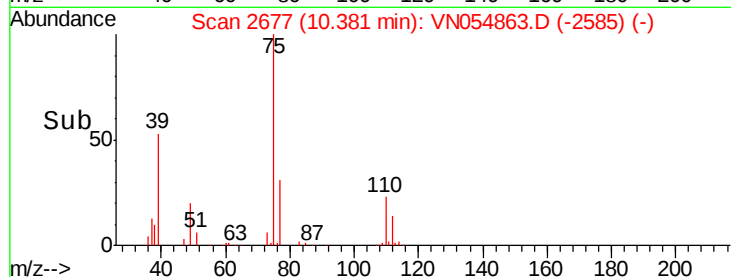
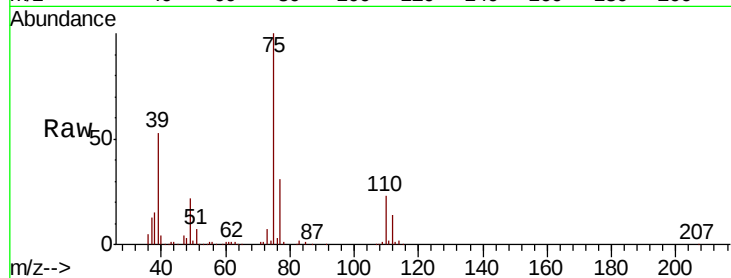
ClientSampleId :

Tot Ion: 75 Resp: 319924

Ion Ratio Lower Upper

75 100

77 30.5 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 55.608 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

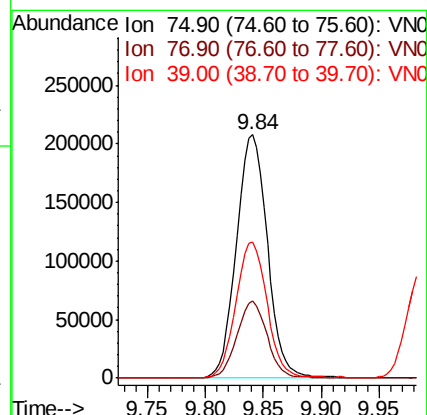
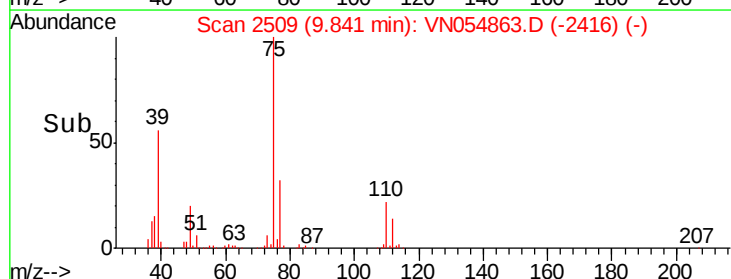
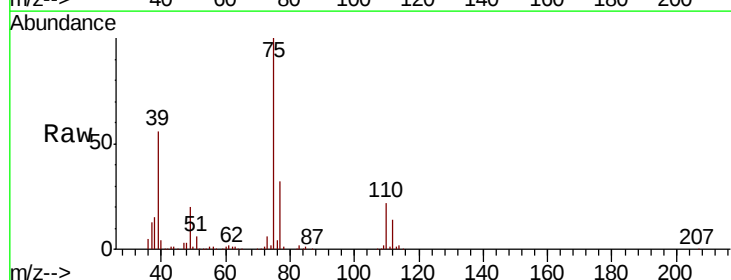
Tgt Ion: 75 Resp: 384845

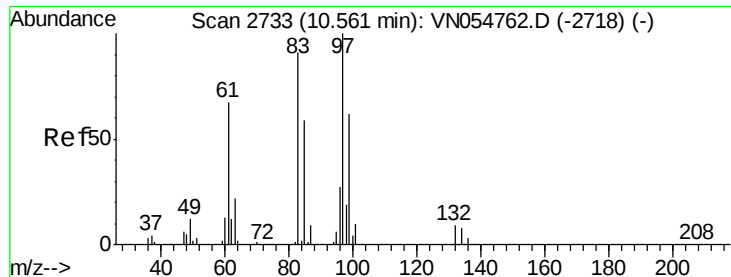
Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0

39 55.8 37.2 55.8

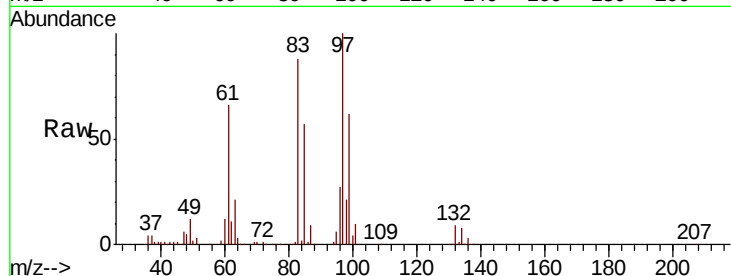




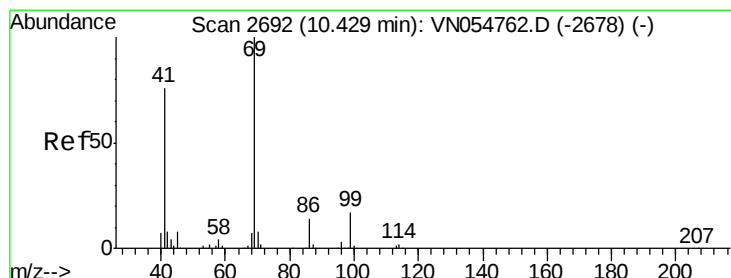
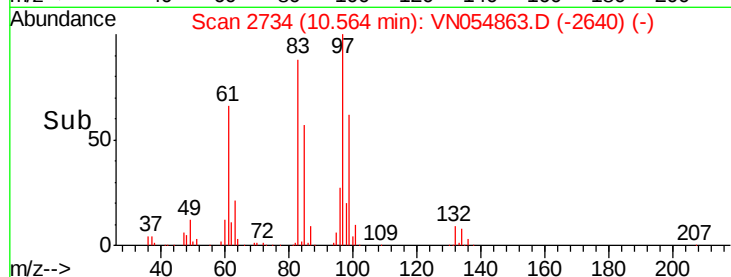
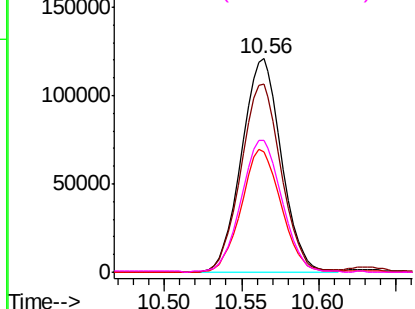
#55
 1,1,2-Trichloroethane
 Concen: 53.118 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN054863.D
 Acq: 31 Mar 2019 20:50

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	217134
Ion	Ratio	Lower	Upper
97	100		
83	88.1	66.6	100.0
85	56.6	44.4	66.6
99	61.5	50.8	76.2

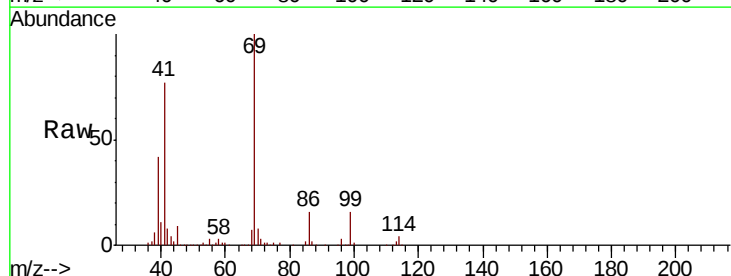


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

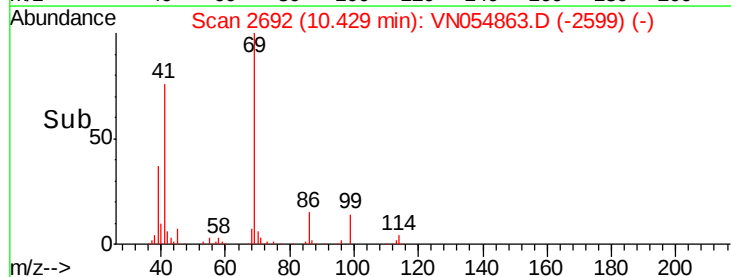
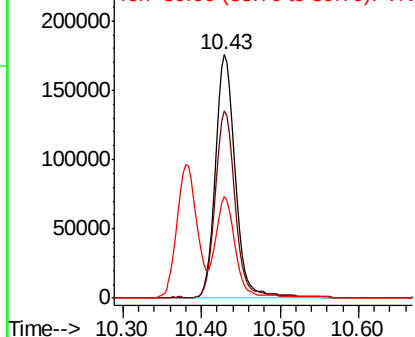


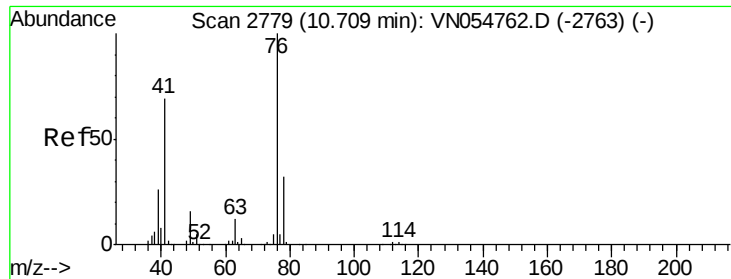
#56
 Ethyl methacrylate
 Concen: 57.489 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN054863.D
 Acq: 31 Mar 2019 20:50

Tgt Ion:	69	Resp:	308272
Ion	Ratio	Lower	Upper
69	100		
41	76.5	49.4	74.2#
39	39.1	28.3	42.5



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





#57

1,3-Dichloropropane

Concen: 54.179 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

Instrument :

MSVOA_N

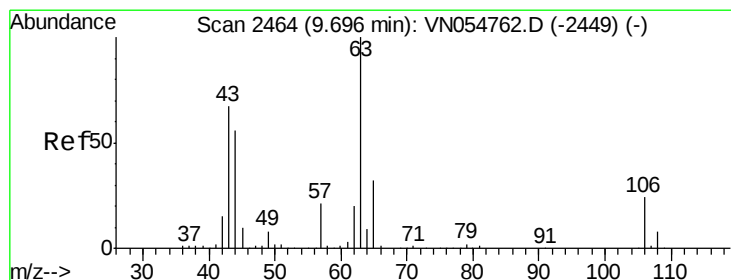
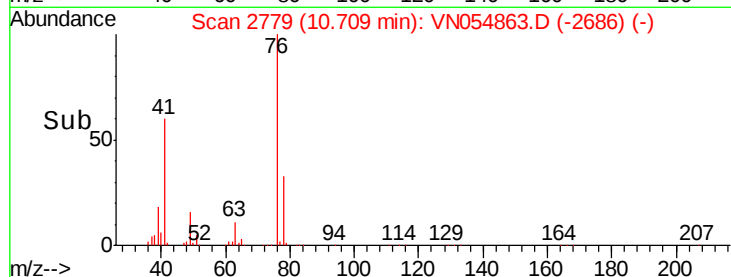
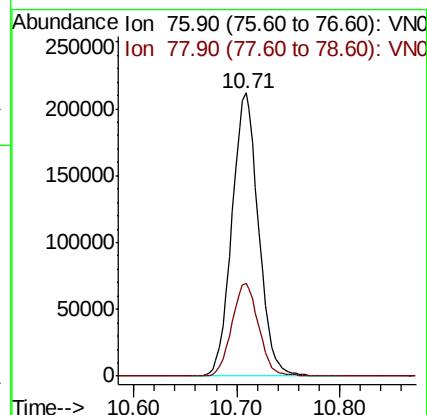
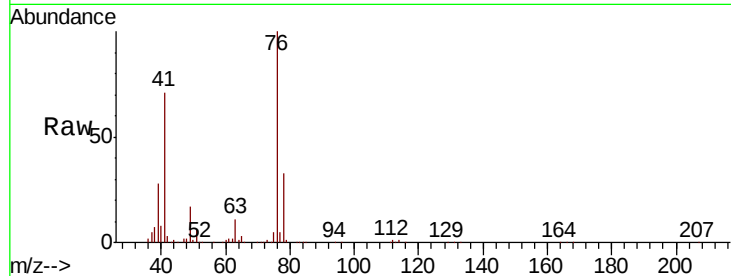
ClientSampled :

Tot Ion: 76 Resp: 380753

Ion Ratio Lower Upper

76 100

78 33.2 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 250.048 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN054863.D

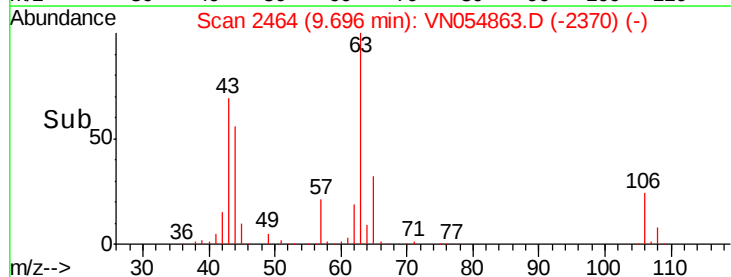
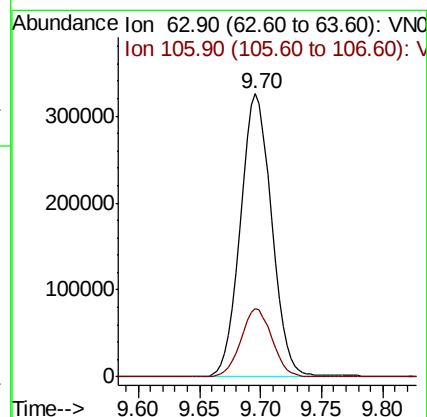
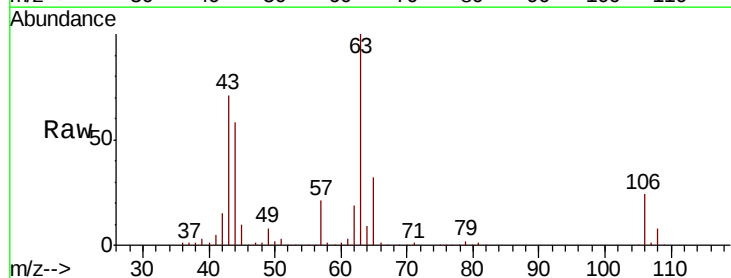
Acq: 31 Mar 2019 20:50

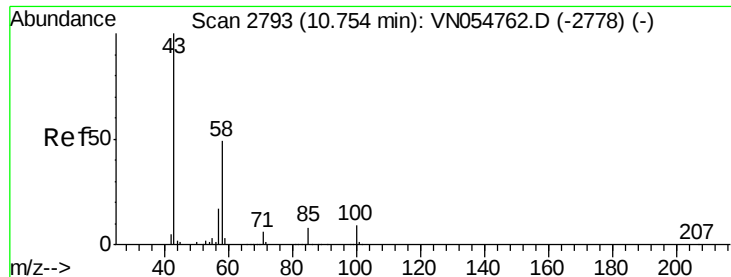
Tgt Ion: 63 Resp: 577580

Ion Ratio Lower Upper

63 100

106 24.1 24.4 36.6#

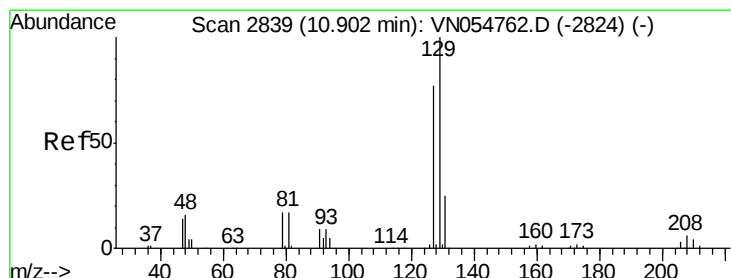
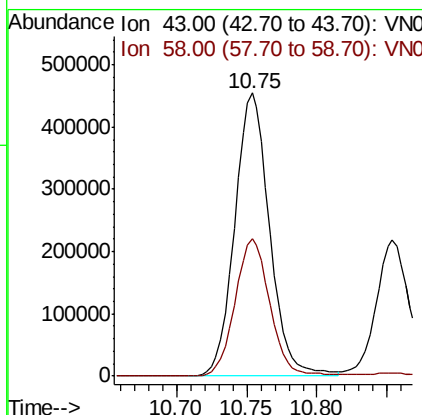
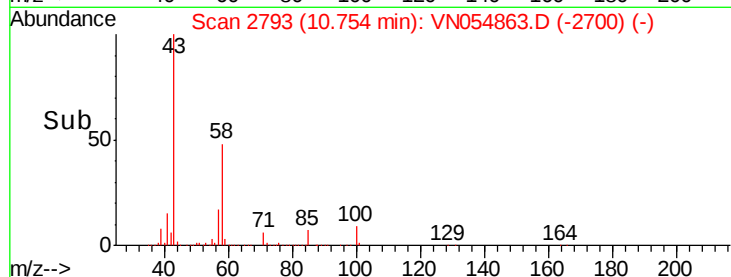
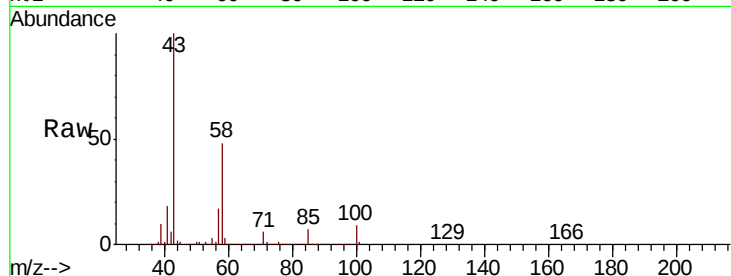




#59
2-Hexanone
Concen: 282.500 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN054863.D
Acq: 31 Mar 2019 20:50

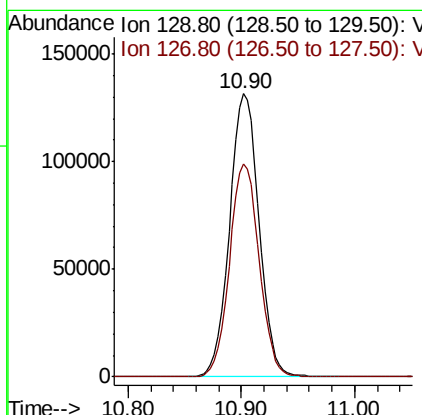
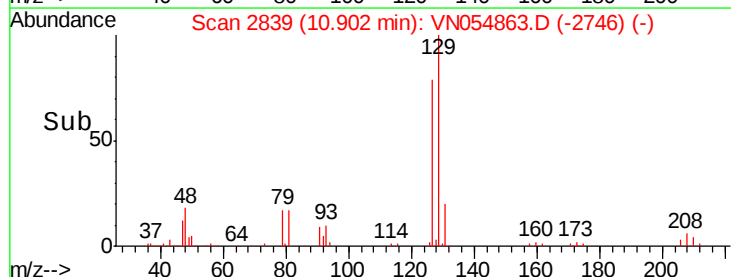
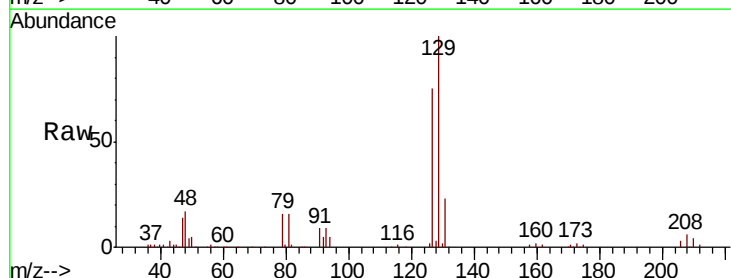
Instrument :
MSVOA_N
ClientSampled :

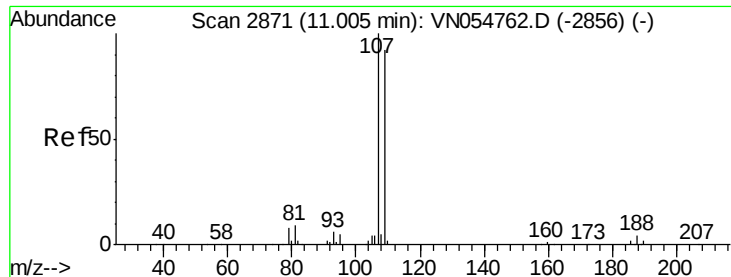
Tot Ion: 43 Resp: 782240
Ion Ratio Lower Upper
43 100
58 49.1 28.0 83.9



#60
Dibromochloromethane
Concen: 57.645 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN054863.D
Acq: 31 Mar 2019 20:50

Tgt Ion: 129 Resp: 238695
Ion Ratio Lower Upper
129 100
127 75.8 38.6 115.8

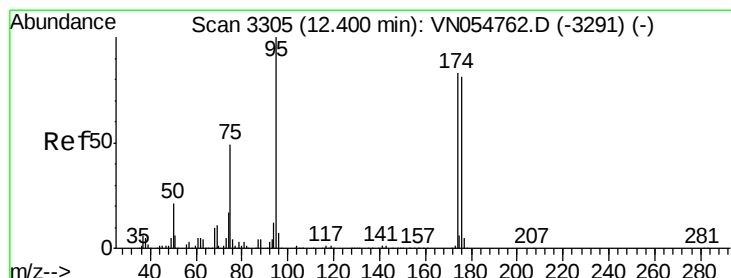
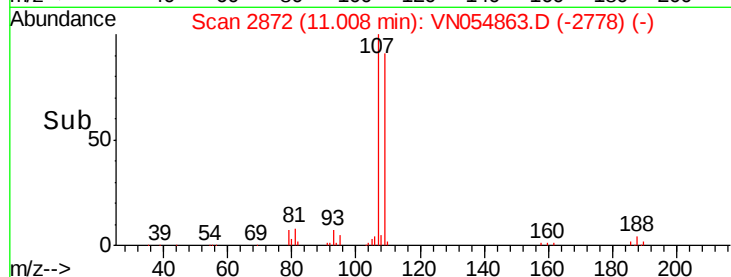
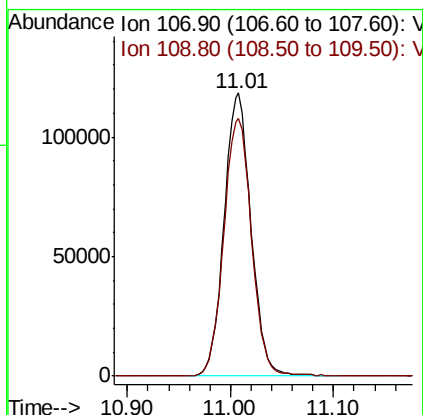
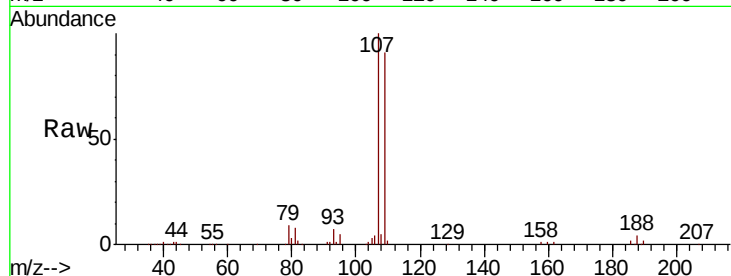




#61
 1,2-Dibromoethane
 Concen: 55.158 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN054863.D
 Acq: 31 Mar 2019 20:50

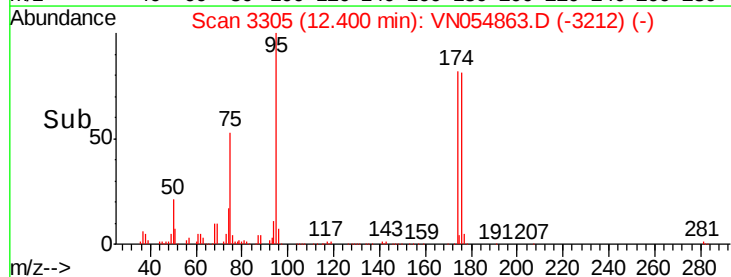
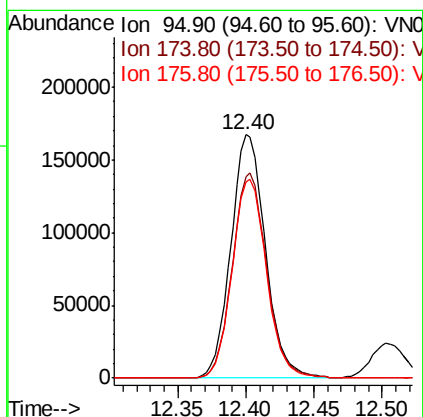
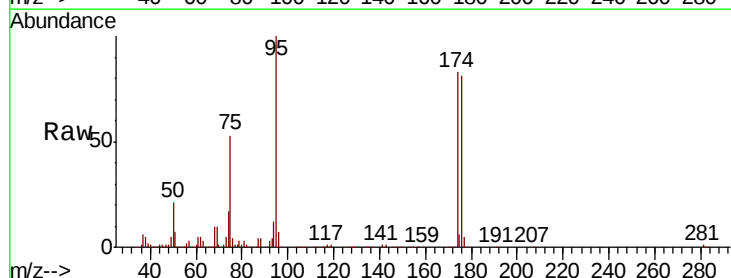
Instrument :
 MSVOA_N
 ClientSampled :

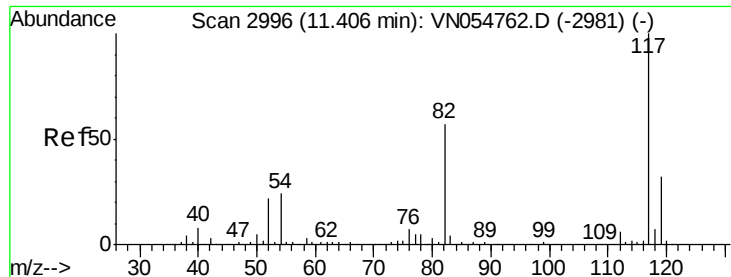
Tot Ion: 107 Resp: 215471
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 51.579 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN054863.D
 Acq: 31 Mar 2019 20:50

Tgt Ion: 95 Resp: 294618
 Ion Ratio Lower Upper
 95 100
 174 83.8 0.0 191.0
 176 81.5 0.0 187.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

Instrument :

MSVOA_N

ClientSampled :

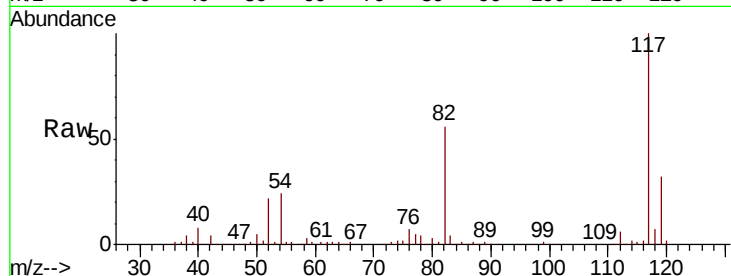
Tot Ion:117 Resp: 613701

Ion Ratio Lower Upper

117 100

82 55.8 40.0 60.0

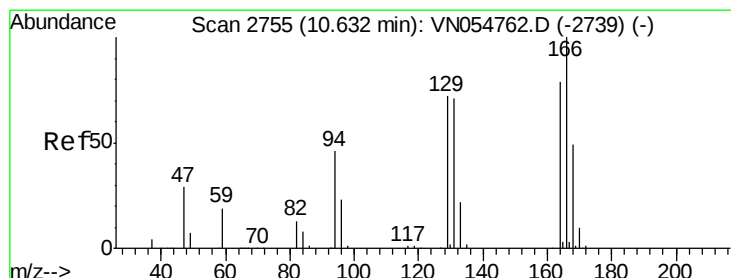
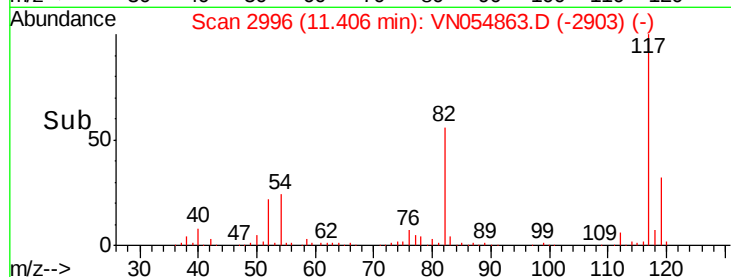
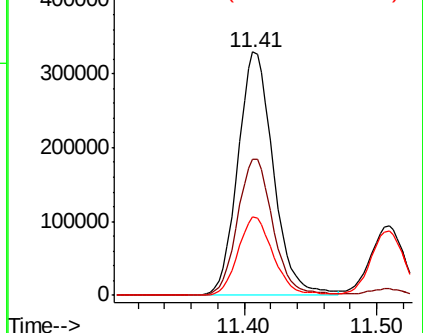
119 32.1 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 49.775 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

Tgt Ion:164 Resp: 234408

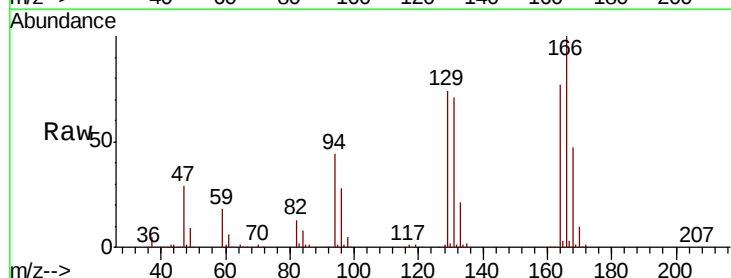
Ion Ratio Lower Upper

164 100

166 130.3 103.9 155.9

129 96.4 71.1 106.7

131 91.8 68.2 102.4

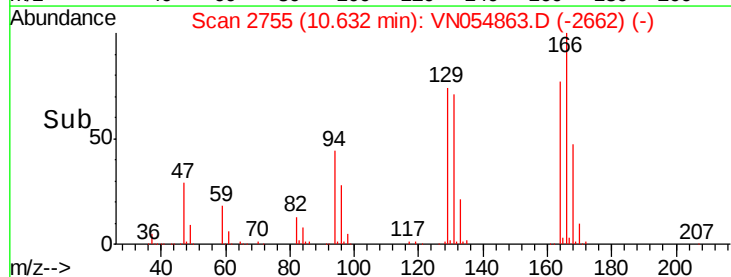
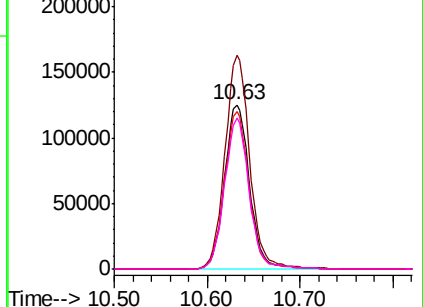


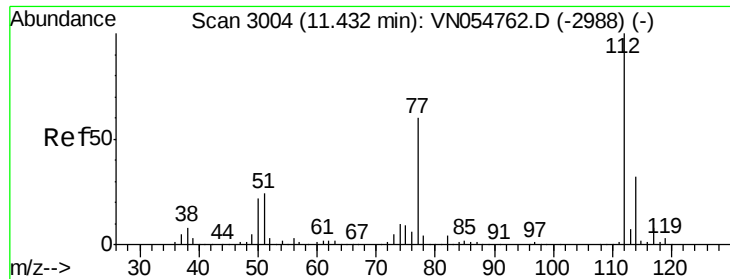
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

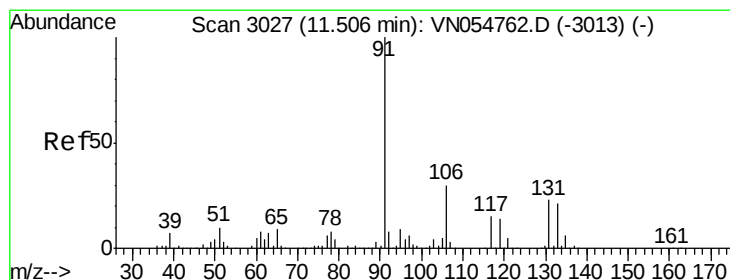
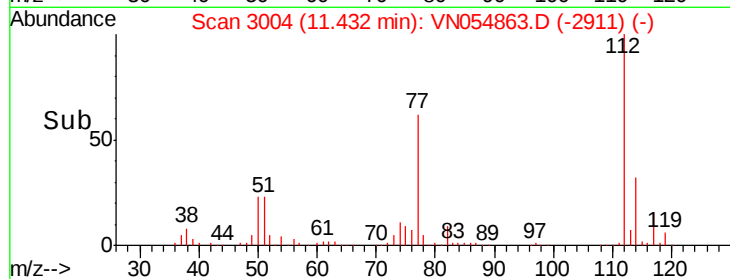
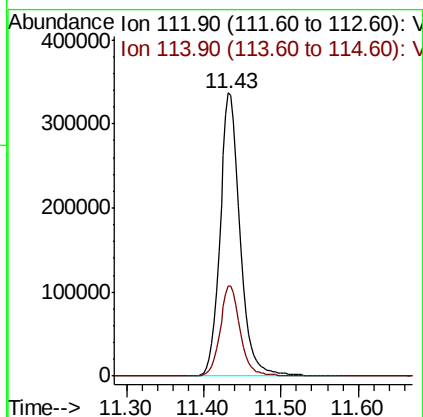
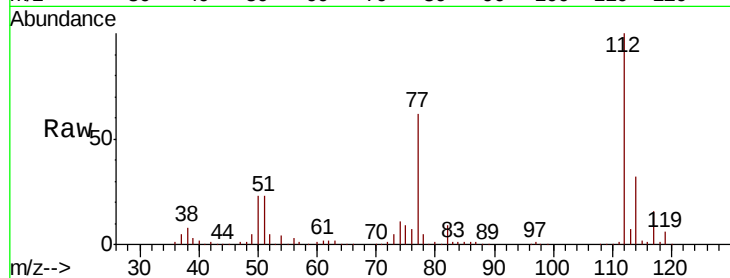




#65
Chlorobenzene
Concen: 50.755 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN054863.D
Acq: 31 Mar 2019 20:50

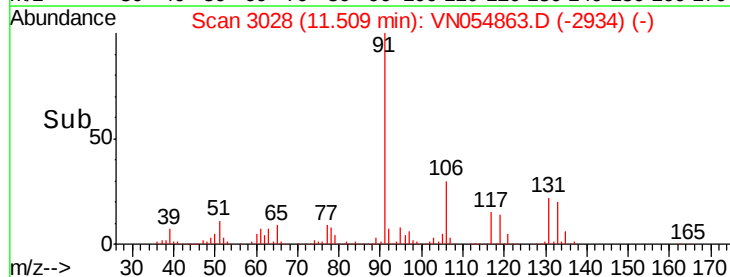
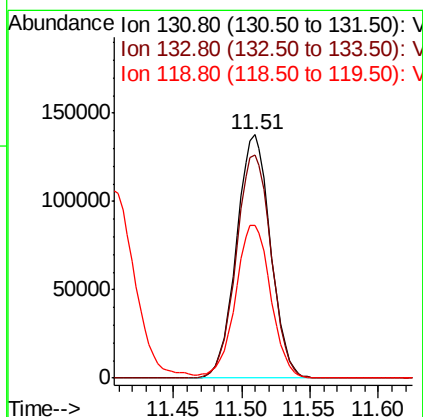
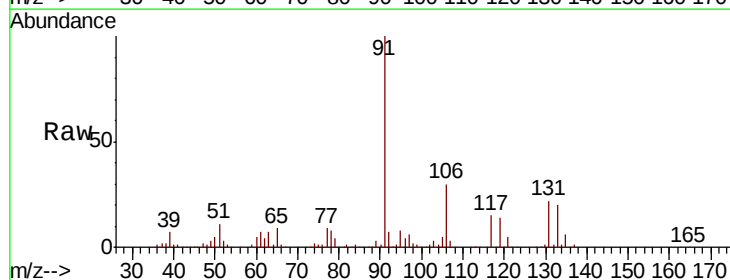
Instrument :
MSVOA_N
ClientSampled :

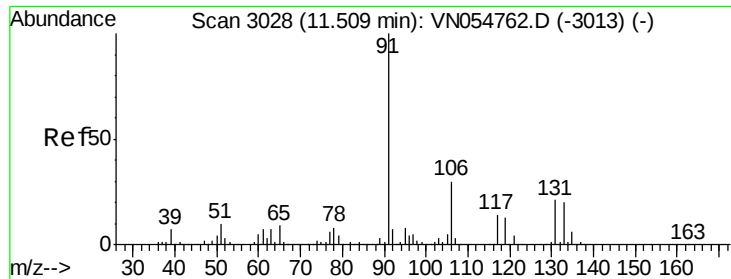
Tot Ion:112 Resp: 609849
Ion Ratio Lower Upper
112 100
114 31.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 53.225 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054863.D
Acq: 31 Mar 2019 20:50

Tgt Ion:131 Resp: 239375
Ion Ratio Lower Upper
131 100
133 94.2 47.6 142.9
119 64.7 32.4 97.0

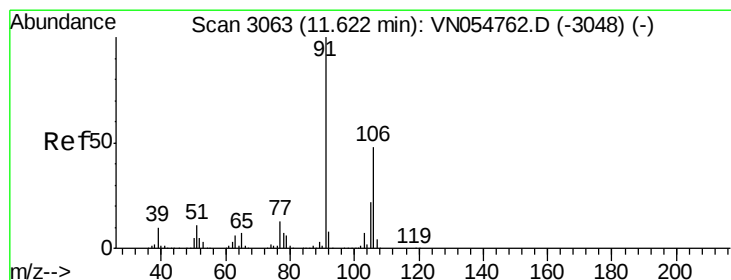
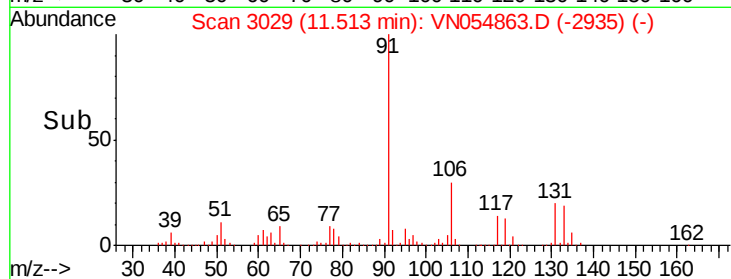
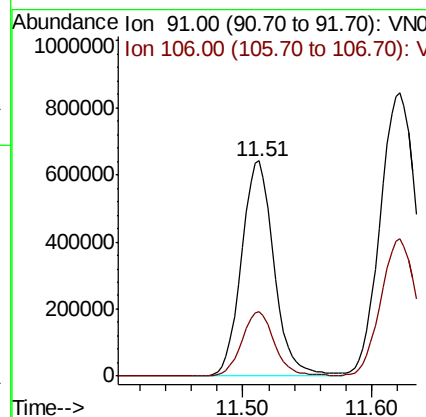
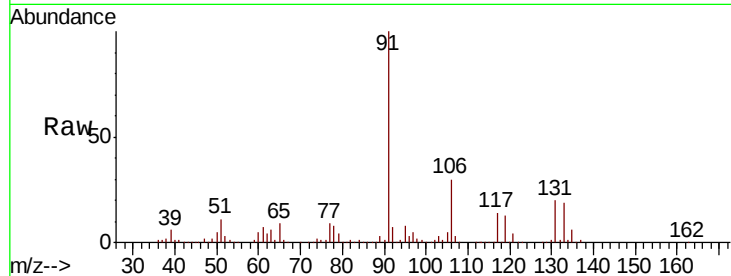




#67
Ethyl Benzene
Concen: 52.103 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN054863.D
Acq: 31 Mar 2019 20:50

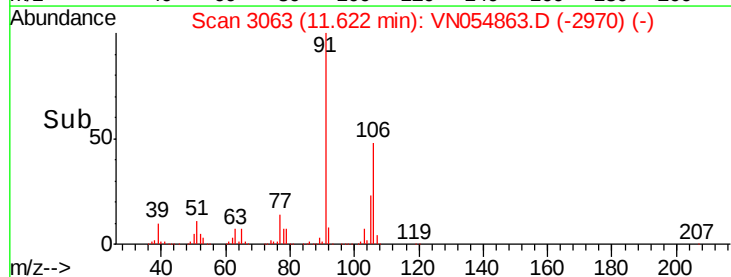
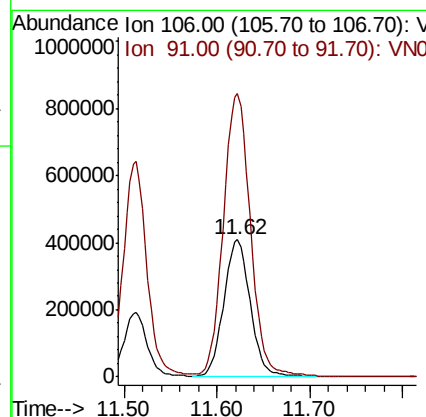
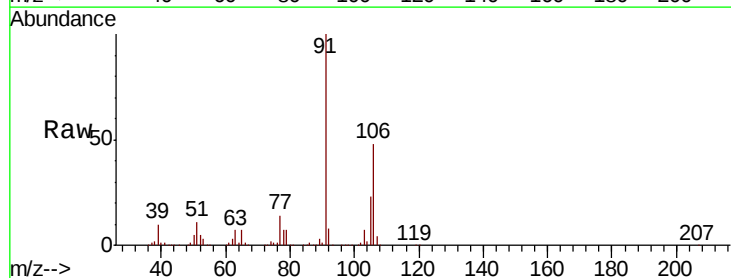
Instrument :
MSVOA_N
ClientSampled :

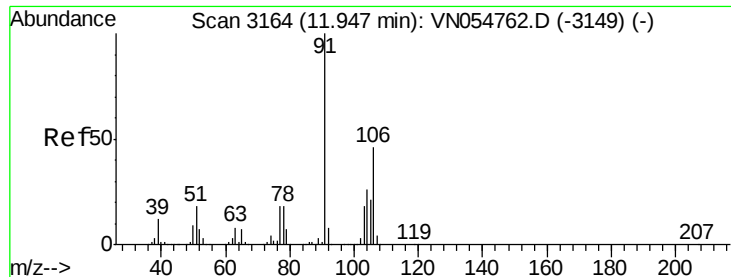
Tot Ion: 91 Resp: 1129723
Ion Ratio Lower Upper
91 100
106 30.2 25.5 38.3



#68
m/p-Xylenes
Concen: 101.684 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN054863.D
Acq: 31 Mar 2019 20:50

Tgt Ion: 106 Resp: 815910
Ion Ratio Lower Upper
106 100
91 210.7 159.4 239.2

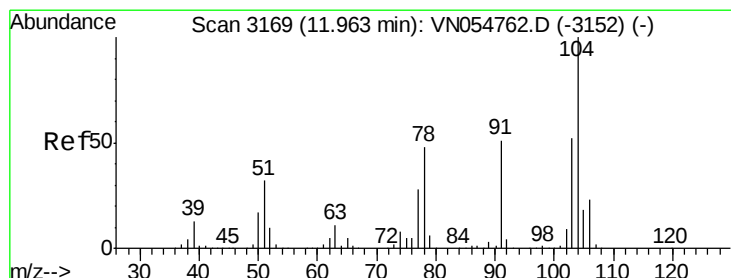
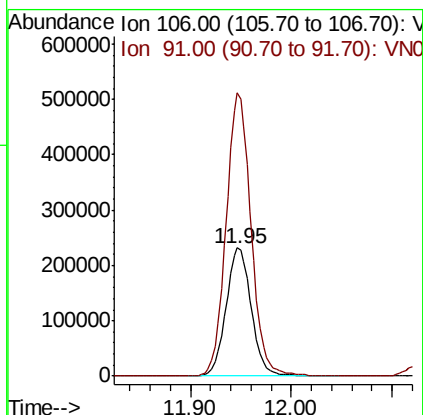
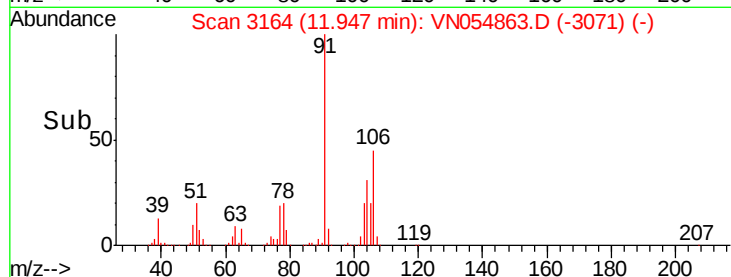
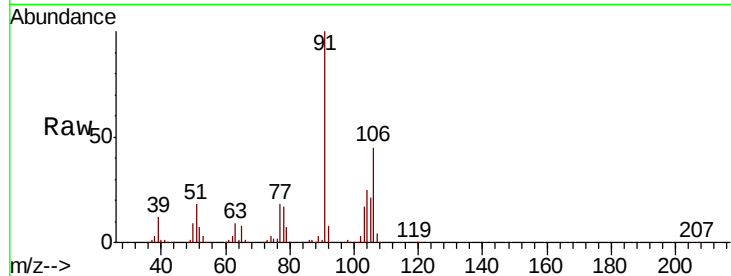




#69
o-Xylene
Concen: 51.490 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054863.D
Acq: 31 Mar 2019 20:50

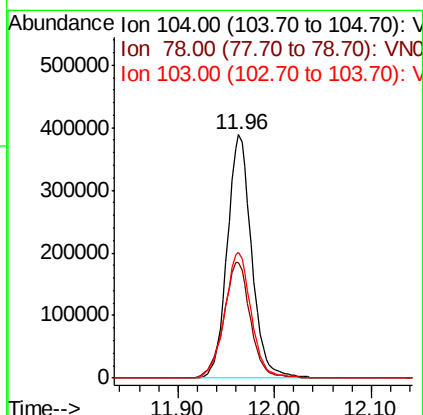
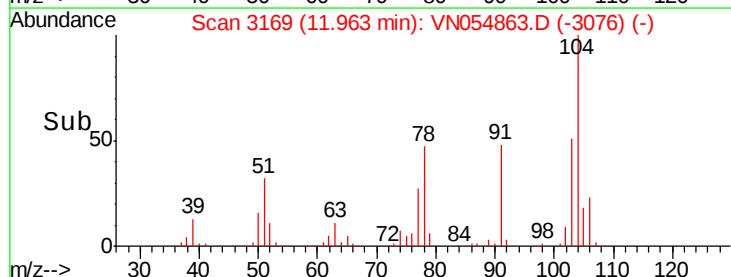
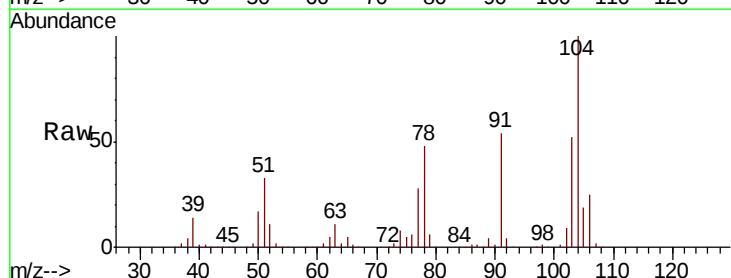
Instrument :
MSVOA_N
ClientSampled :

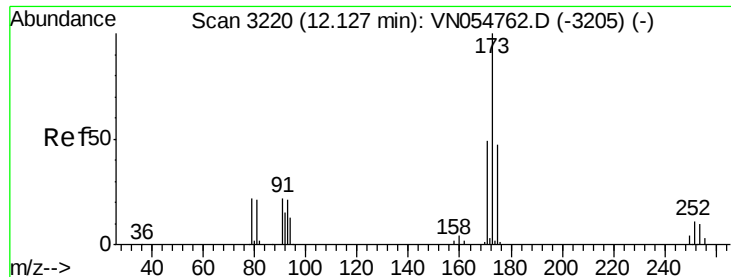
Tot Ion:106 Resp: 405143
Ion Ratio Lower Upper
106 100
91 218.2 105.7 317.1



#70
Styrene
Concen: 54.142 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN054863.D
Acq: 31 Mar 2019 20:50

Tgt Ion:104 Resp: 681152
Ion Ratio Lower Upper
104 100
78 51.8 38.2 57.2
103 56.1 44.4 66.6





#71

Bromoform

Concen: 55.765 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

Instrument :

MSVOA_N

ClientSampled :

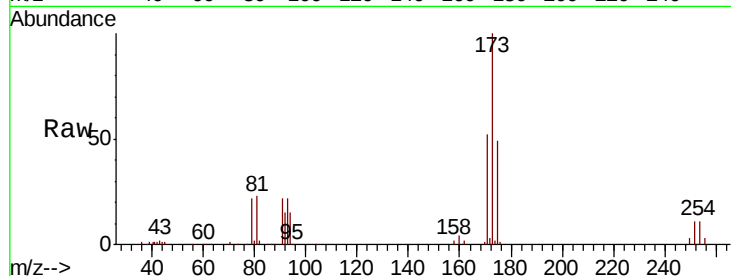
Tot Ion:173 Resp: 146927

Ion Ratio Lower Upper

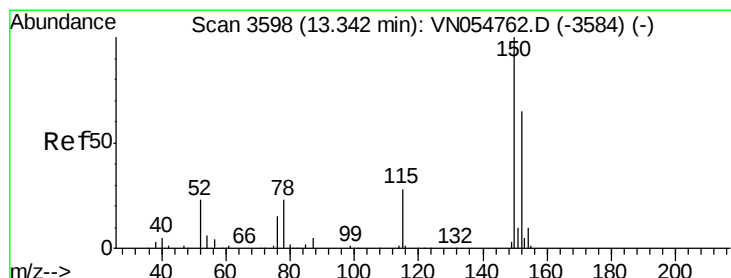
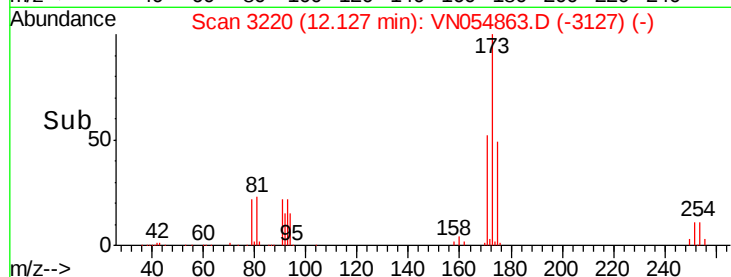
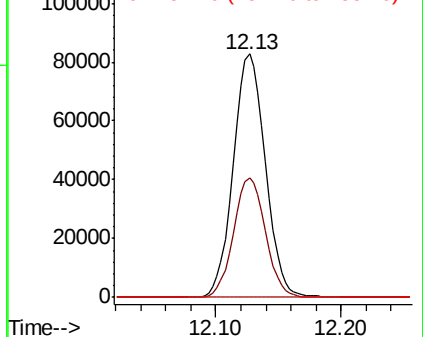
173 100

175 48.7 24.4 73.2

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

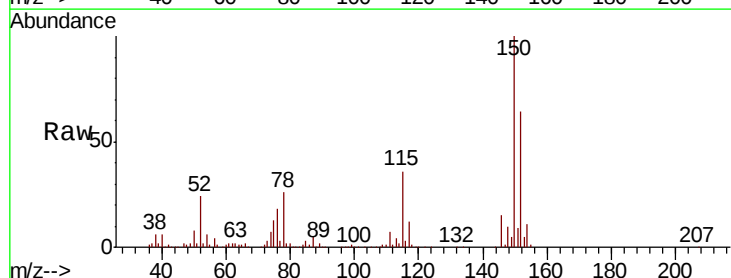
Tgt Ion:152 Resp: 268938

Ion Ratio Lower Upper

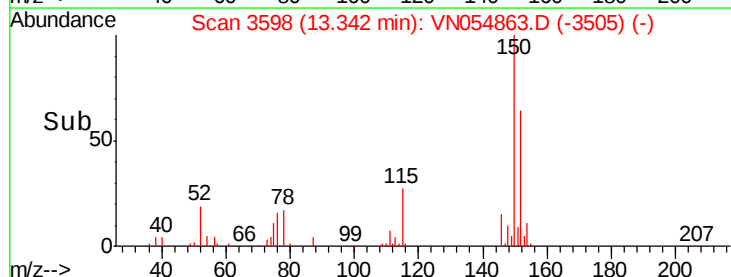
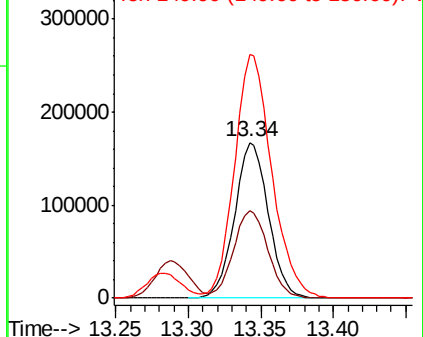
152 100

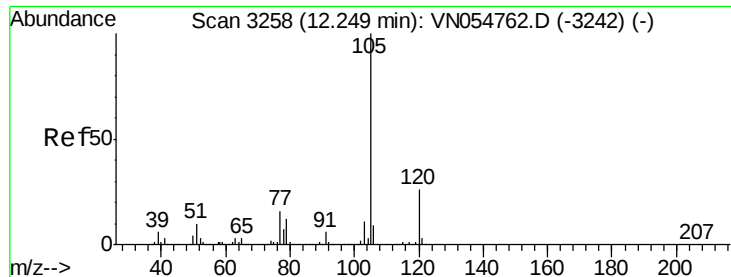
115 57.7 27.2 81.6

150 174.0 0.0 349.2



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: 48.777 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

Instrument :

MSVOA_N

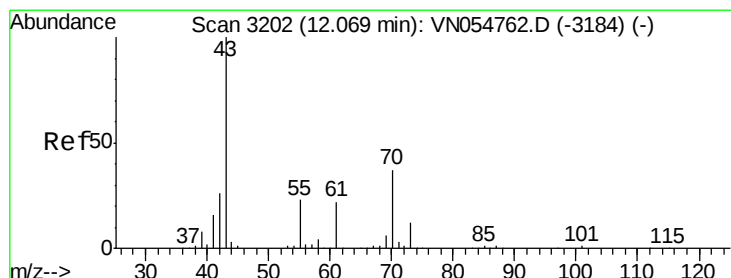
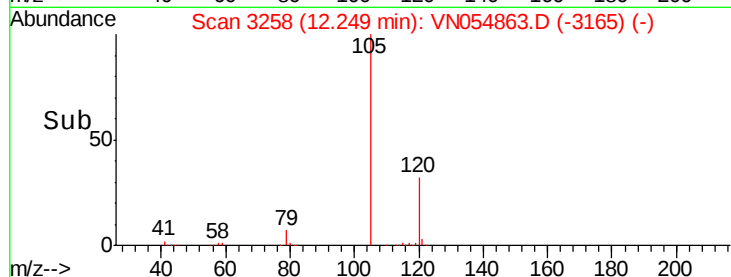
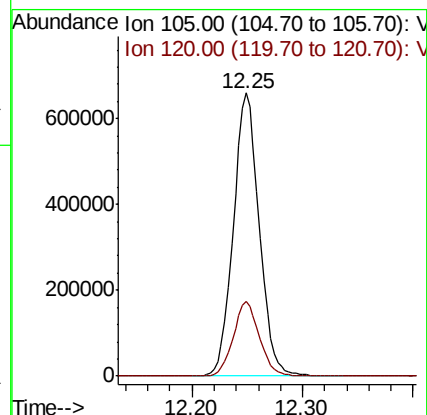
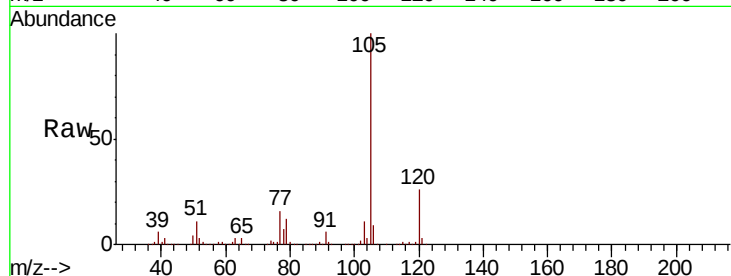
ClientSampleId :

Tot Ion:105 Resp: 1072205

Ion Ratio Lower Upper

105 100

120 26.4 13.8 41.3



#74

N-ethyl acetate

Concen: 53.981 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

Tgt Ion: 43 Resp: 369675

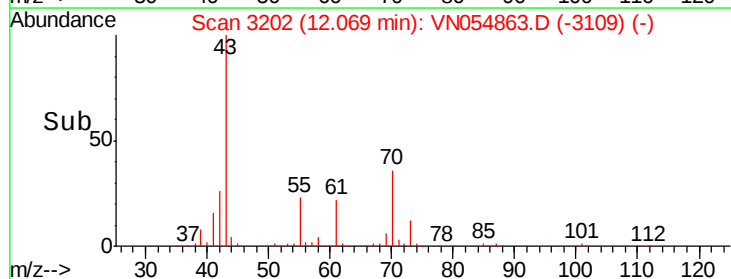
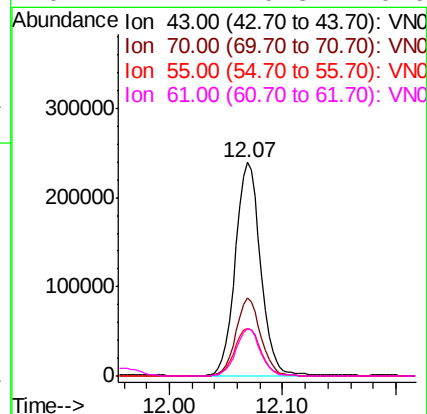
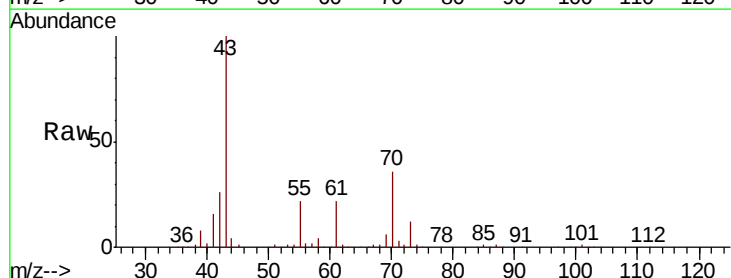
Ion Ratio Lower Upper

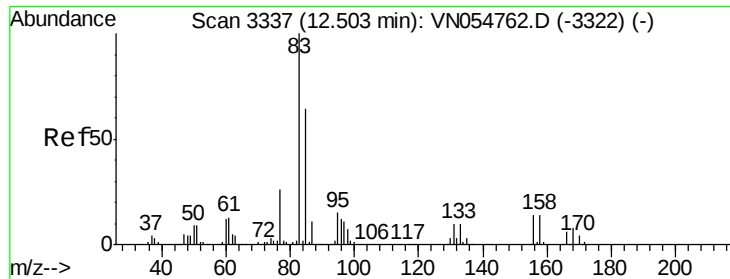
43 100

70 36.1 35.4 53.0

55 23.6 19.8 29.6

61 22.1 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 57.405 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

Instrument :

MSVOA_N

ClientSampleId :

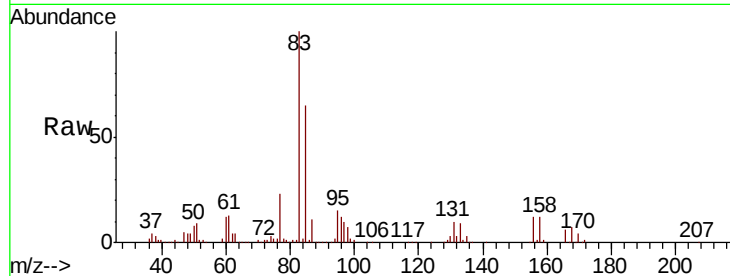
Tot Ion: 83 Resp: 276946

Ion Ratio Lower Upper

83 100

131 9.7 5.8 17.4

85 64.5 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN054863.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN054863.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN054863.D (-3243) (-)

12.50

150000

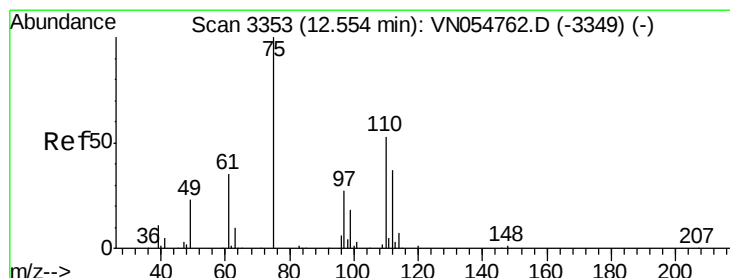
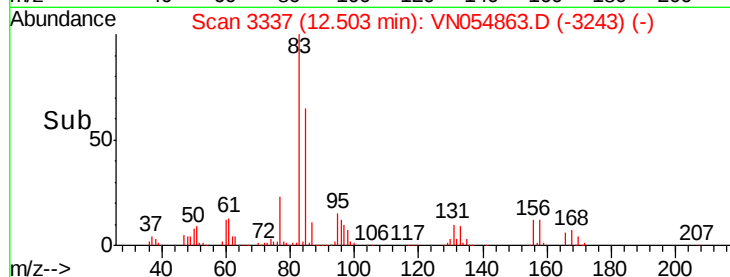
100000

50000

0

12.45 12.50 12.55

Time-->



#76

1,2,3-Trichloropropane

Concen: 69.040 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054863.D

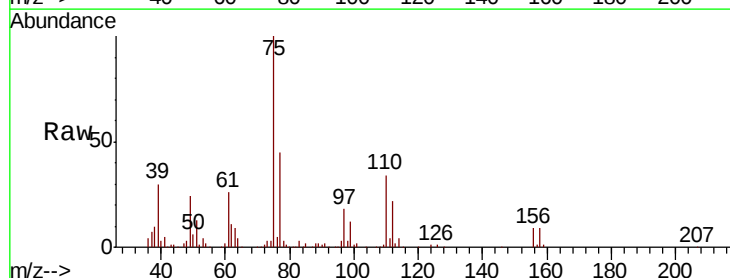
Acq: 31 Mar 2019 20:50

Tgt Ion: 75 Resp: 322560

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN054863.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN054863.D (-3260) (-)

300000

250000

200000

150000

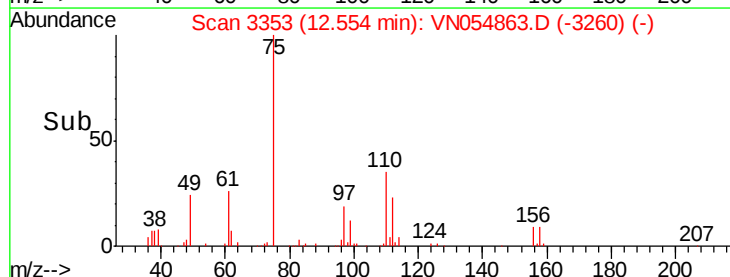
100000

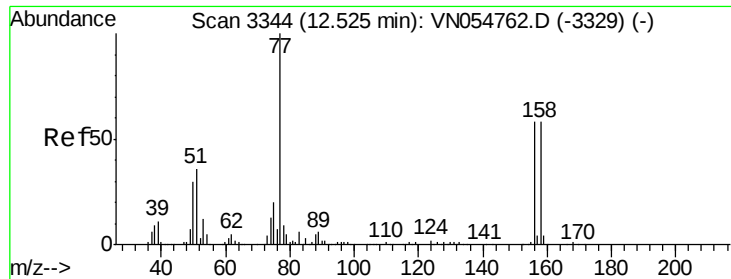
50000

0

12.50 12.55 12.60

Time-->





#77

Bromobenzene

Concen: 49.836 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

Instrument :

MSVOA_N

ClientSampleId :

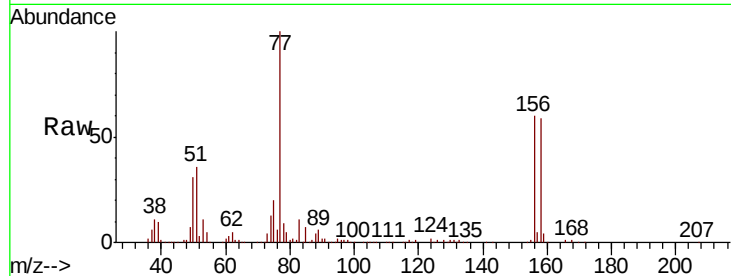
Tot Ion:156 Resp: 264390

Ion Ratio Lower Upper

156 100

77 196.0 81.5 244.4

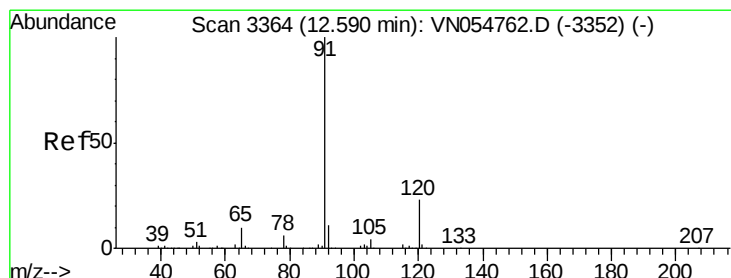
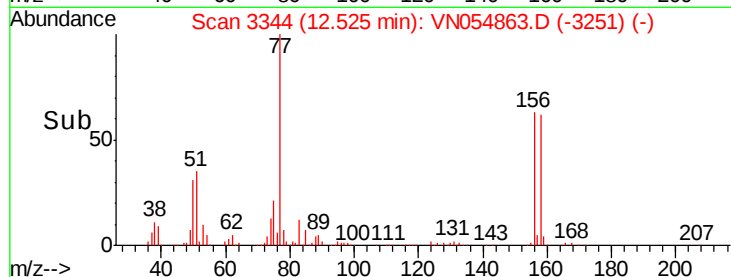
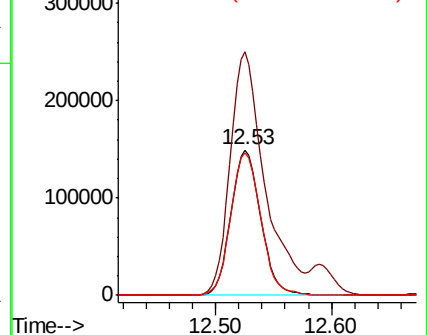
158 99.2 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.164 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054863.D

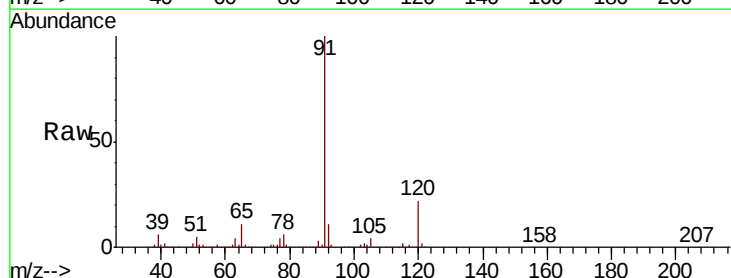
Acq: 31 Mar 2019 20:50

Tgt Ion: 91 Resp: 1187838

Ion Ratio Lower Upper

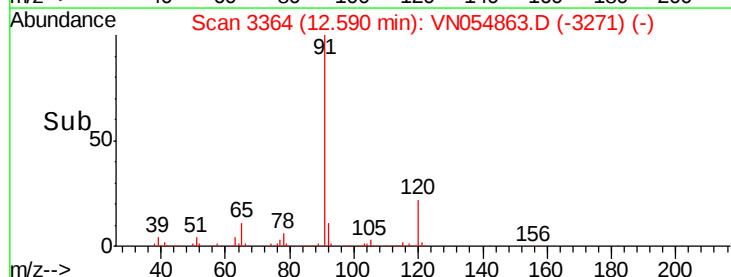
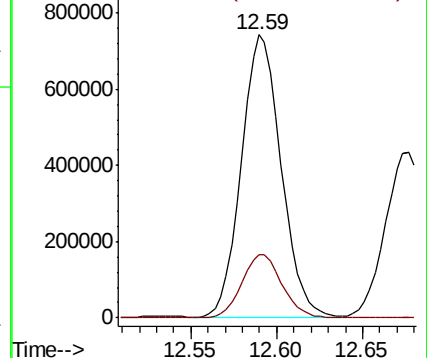
91 100

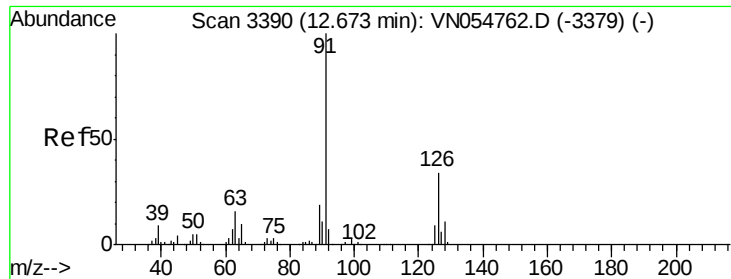
120 22.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.981 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

Instrument :

MSVOA_N

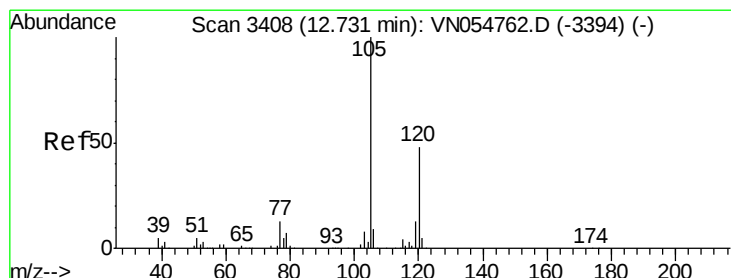
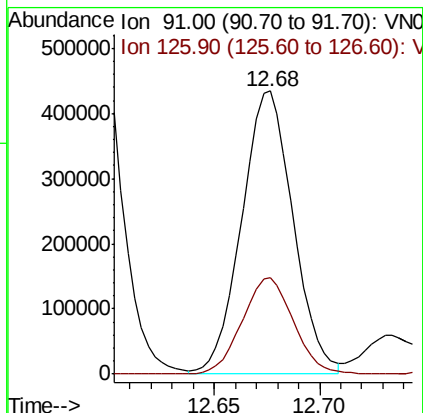
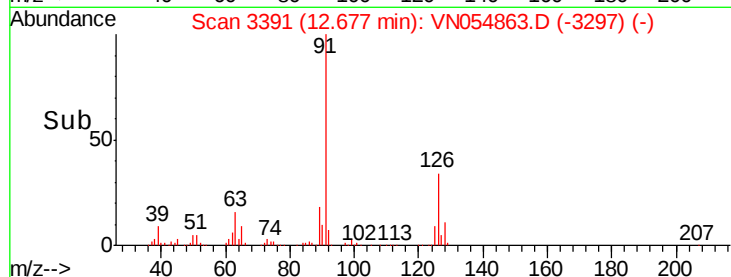
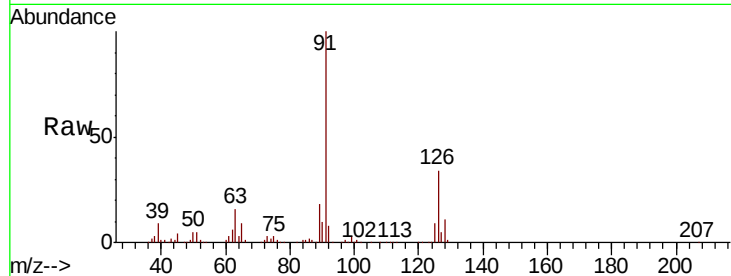
ClientSampled :

Tot Ion: 91 Resp: 732135

Ion Ratio Lower Upper

91 100

126 34.3 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 49.056 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054863.D

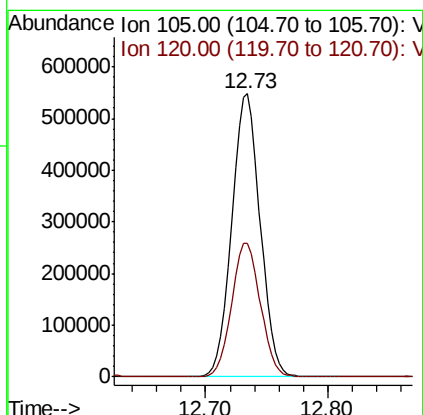
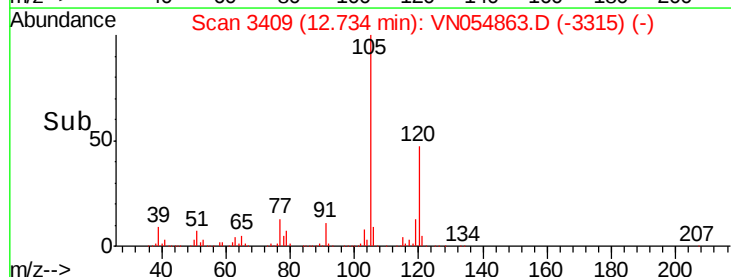
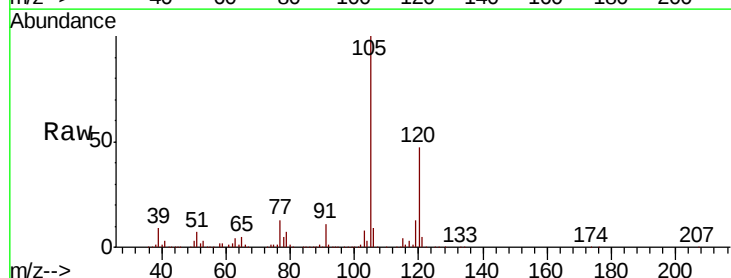
Acq: 31 Mar 2019 20:50

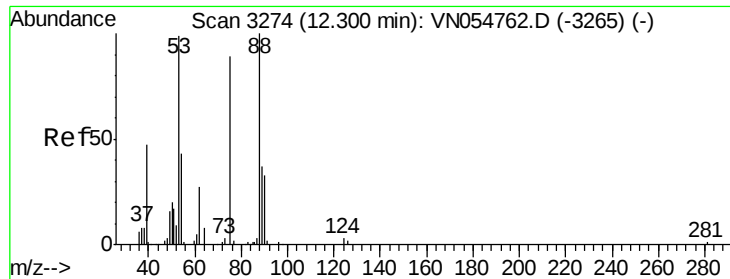
Tgt Ion: 105 Resp: 884820

Ion Ratio Lower Upper

105 100

120 47.9 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 49.255 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

Instrument :

MSVOA_N

ClientSampleId :

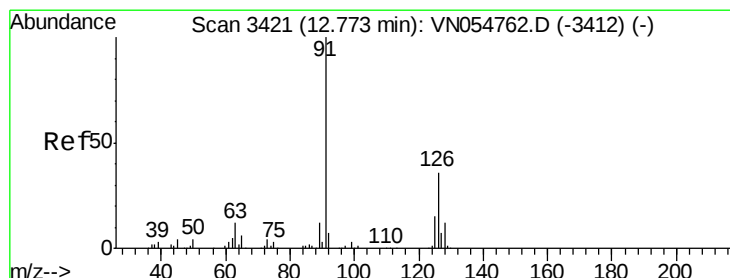
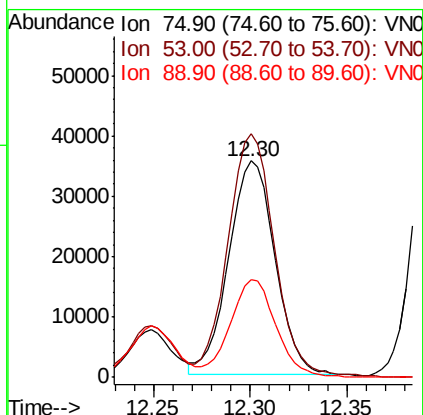
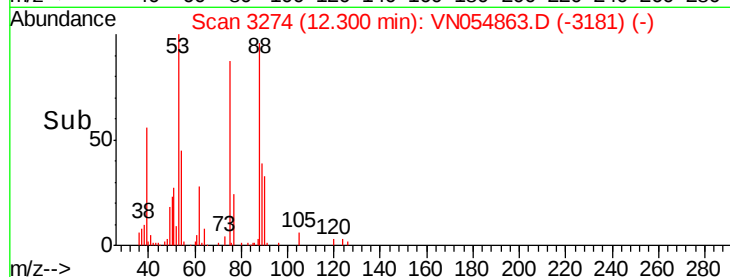
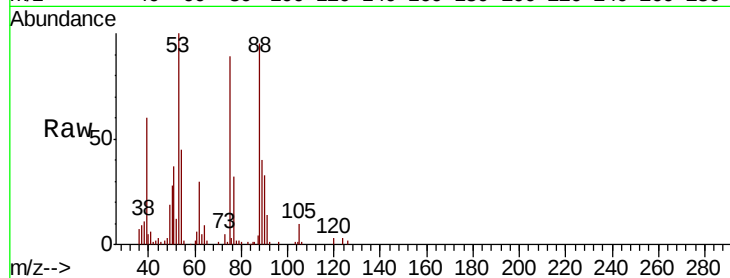
Tot Ion: 75 Resp: 59161

Ion Ratio Lower Upper

75 100

53 115.6 76.2 114.2#

89 45.1 39.2 58.8



#82

4-Chlorotoluene

Concen: 50.182 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN054863.D

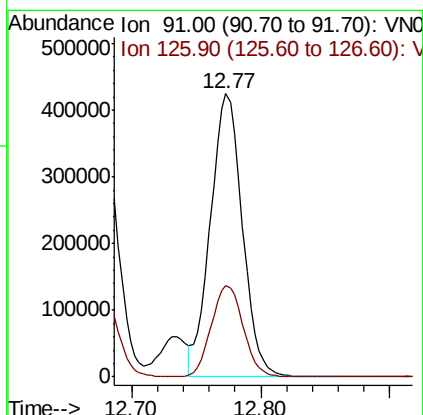
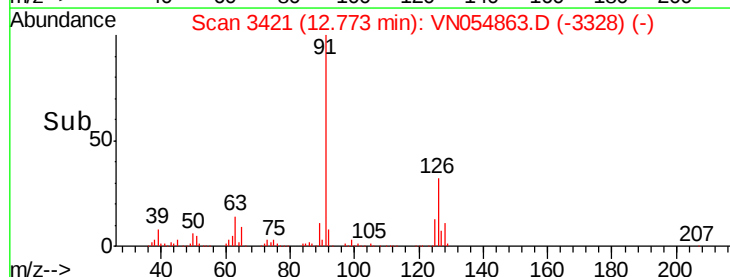
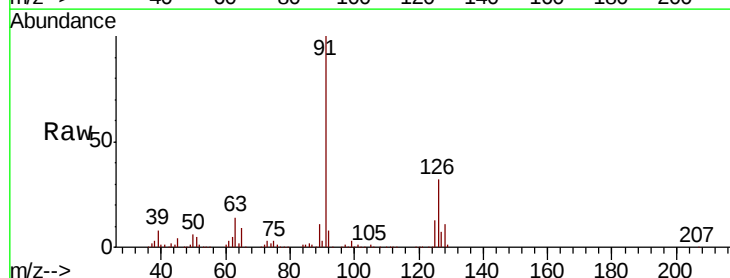
Acq: 31 Mar 2019 20:50

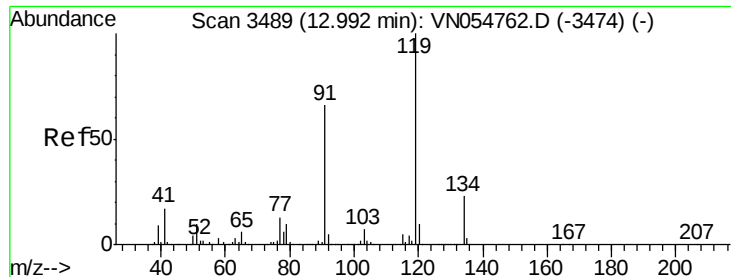
Tgt Ion: 91 Resp: 728554

Ion Ratio Lower Upper

91 100

126 32.4 18.1 54.1

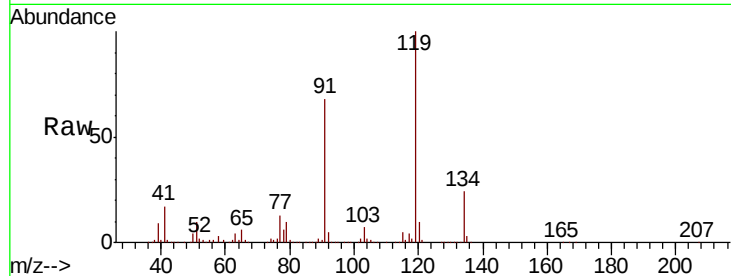




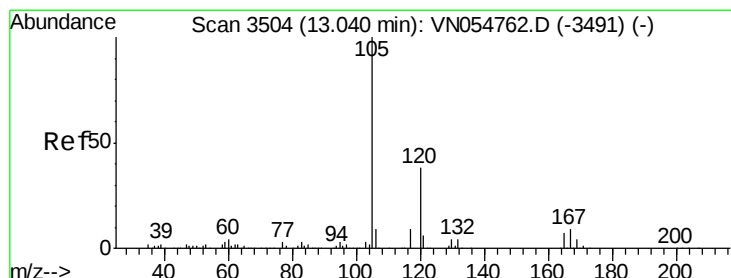
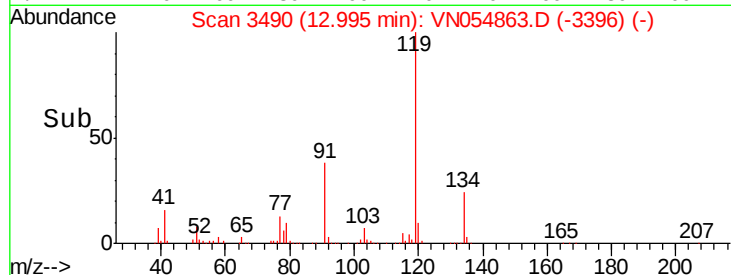
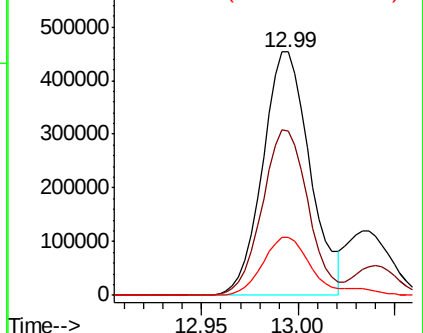
#83
tert-Butylbenzene
Concen: 55.163 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN054863.D
Acq: 31 Mar 2019 20:50

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 767913
Ion Ratio Lower Upper
119 100
91 65.8 30.9 92.8
134 25.8 13.2 39.6

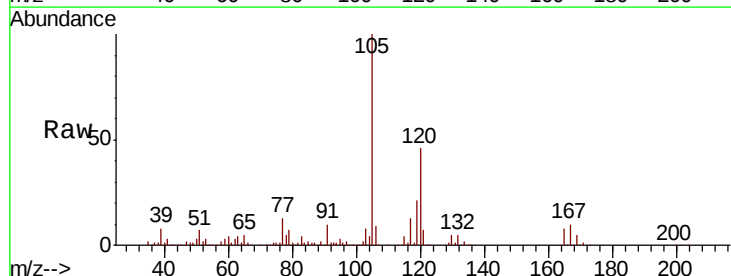


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

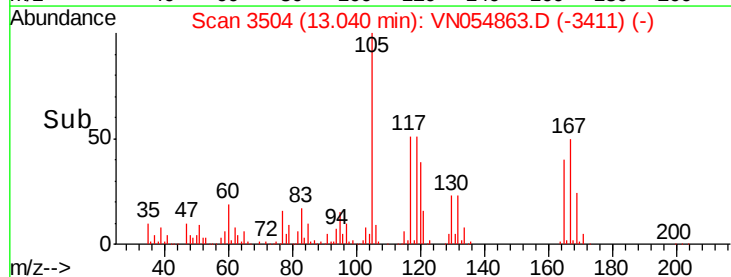
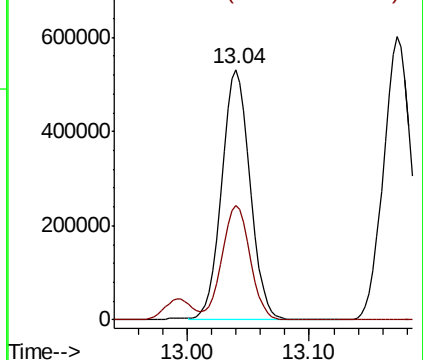


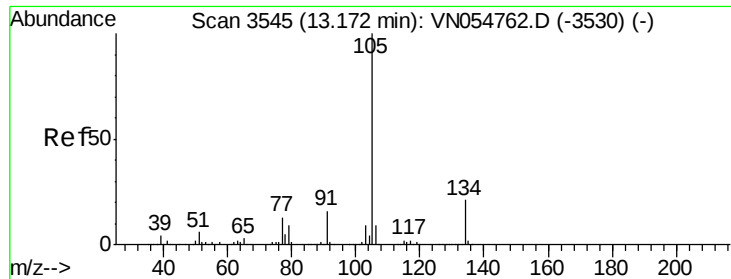
#84
1,2,4-Trimethylbenzene
Concen: 50.374 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054863.D
Acq: 31 Mar 2019 20:50

Tgt Ion:105 Resp: 865617
Ion Ratio Lower Upper
105 100
120 45.8 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.273 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

Instrument :

MSVOA_N

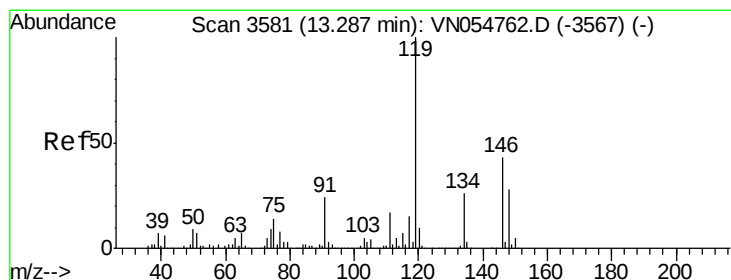
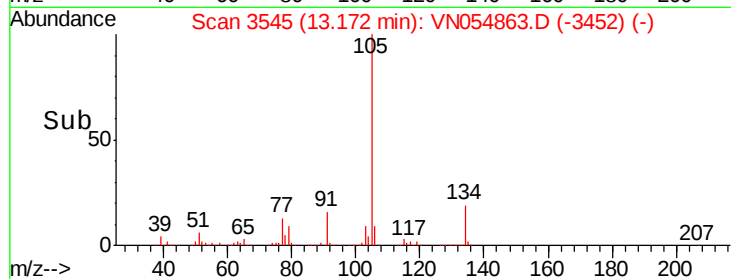
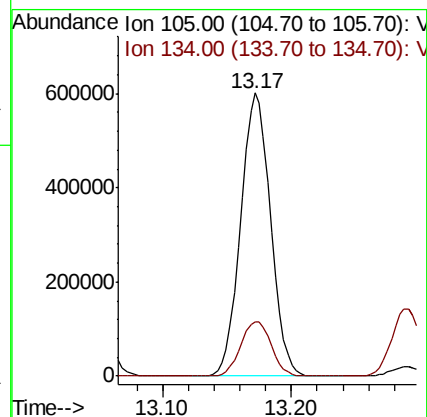
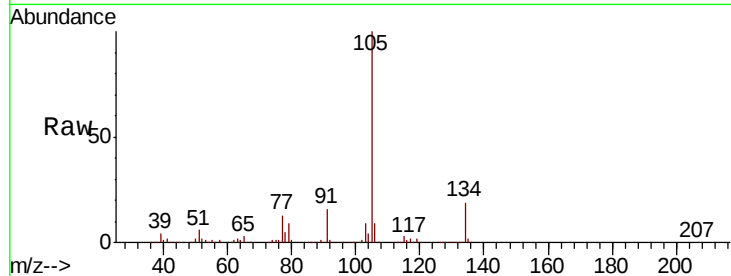
ClientSampled :

Tot Ion:105 Resp: 965429

Ion Ratio Lower Upper

105 100

134 19.8 10.7 32.1



#86

p-Isopropyltoluene

Concen: 49.245 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

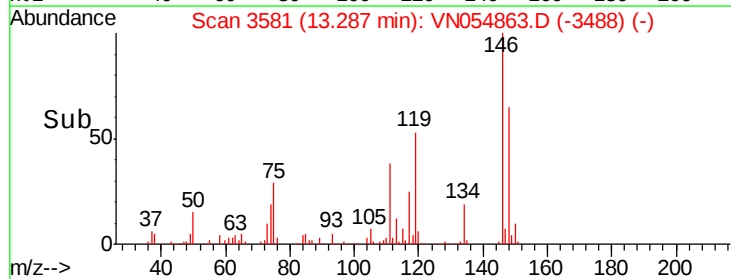
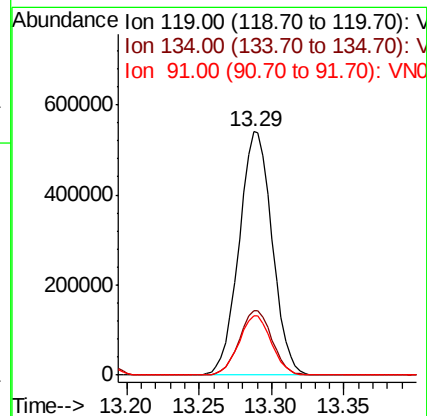
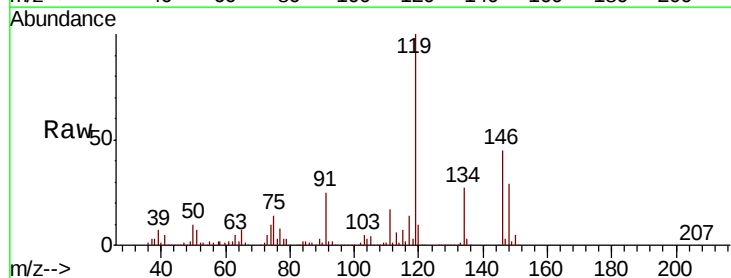
Tgt Ion:119 Resp: 851019

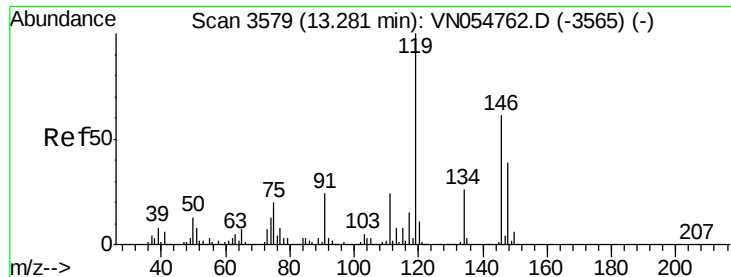
Ion Ratio Lower Upper

119 100

134 26.4 13.6 40.8

91 24.1 11.1 33.3

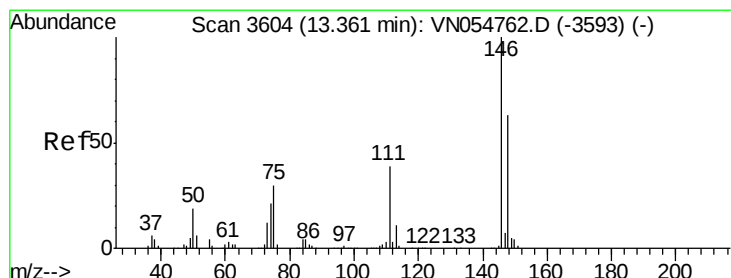
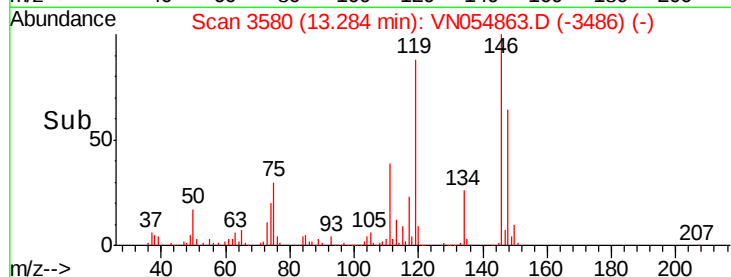
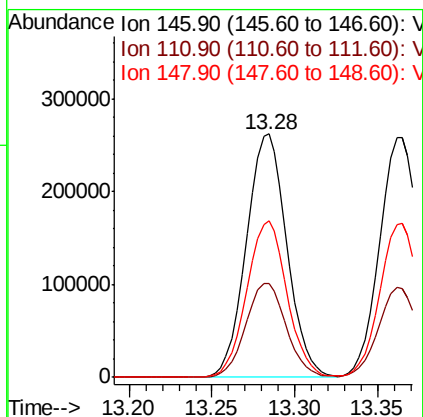
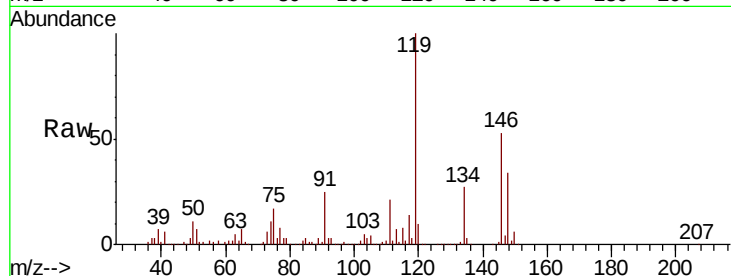




#87
 1,3-Dichlorobenzene
 Concen: 50.231 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN054863.D
 Acq: 31 Mar 2019 20:50

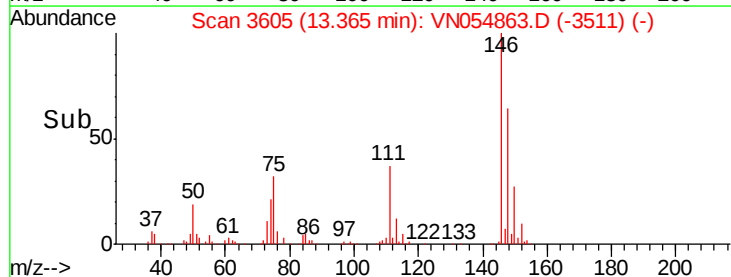
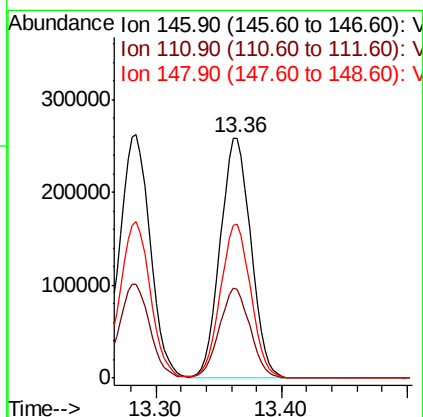
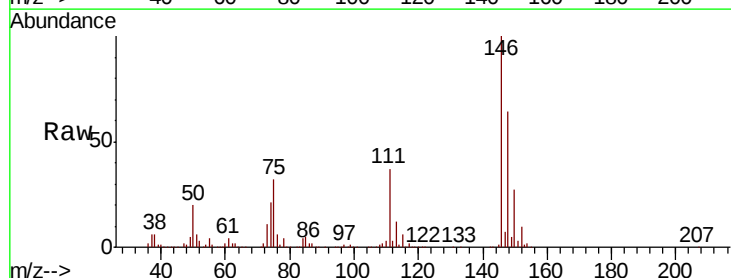
Instrument :
 MSVOA_N
 ClientSampleId :

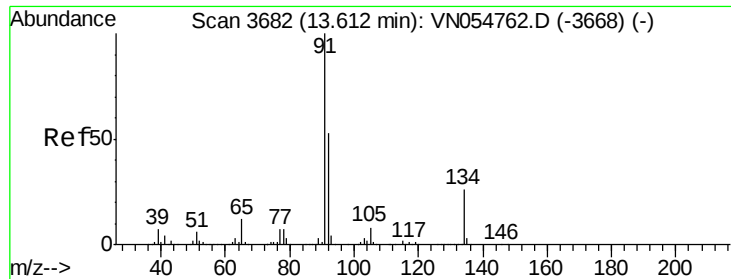
Tot Ion:146 Resp: 446168
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.8 56.3
 148 64.0 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 50.309 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN054863.D
 Acq: 31 Mar 2019 20:50

Tgt Ion:146 Resp: 438278
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.1 54.1
 148 63.4 32.0 96.0





#89

n-Butylbenzene

Concen: 47.967 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

Instrument :

MSVOA_N

ClientSampleId :

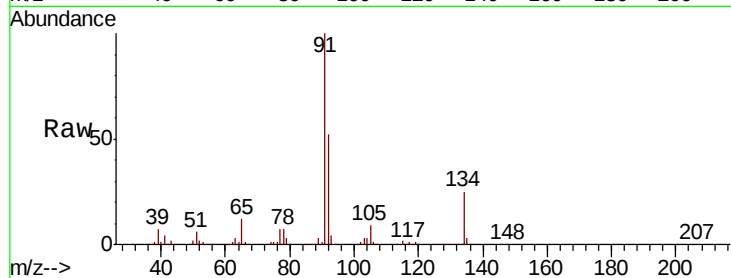
Tot Ion: 91 Resp: 676314

Ion Ratio Lower Upper

91 100

92 52.4 26.2 78.6

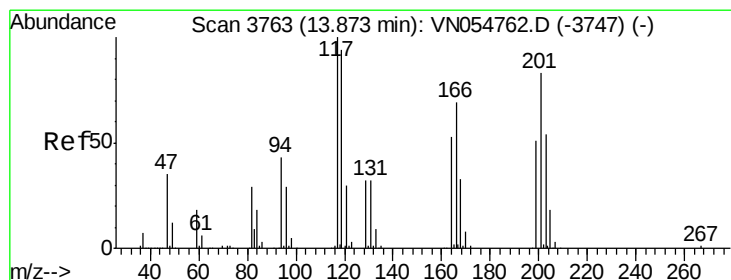
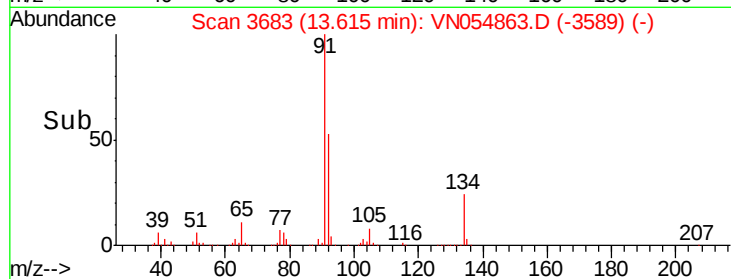
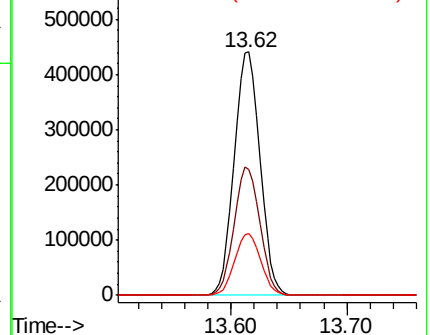
134 25.6 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VN054863.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN054863.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN054863.D (-3682) (-)



#90

Hexachloroethane

Concen: 51.114 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN054863.D

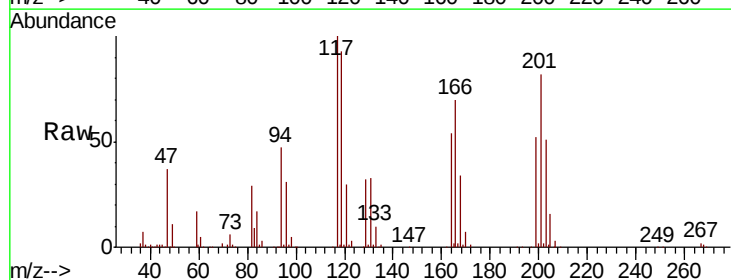
Acq: 31 Mar 2019 20:50

Tgt Ion: 117 Resp: 149974

Ion Ratio Lower Upper

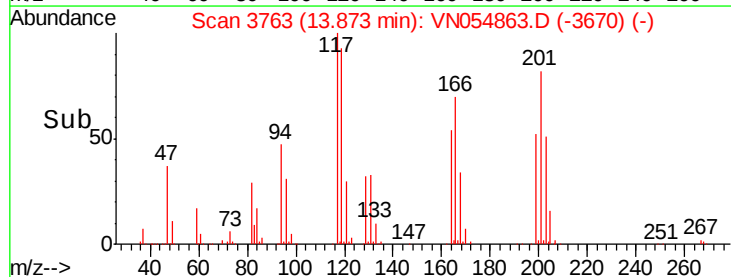
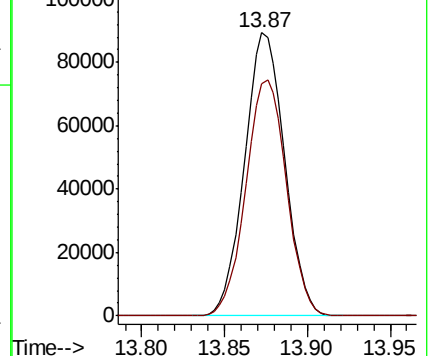
117 100

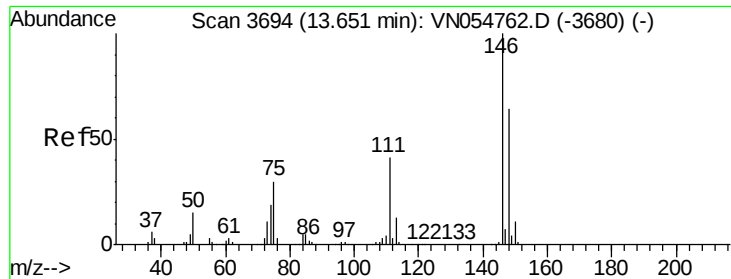
201 84.8 48.1 144.4



Abundance Ion 116.80 (116.50 to 117.50): VN054863.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN054863.D (-3763) (-)





#91

1,2-Dichlorobenzene

Concen: 49.568 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

Instrument :

MSVOA_N

ClientSampleId :

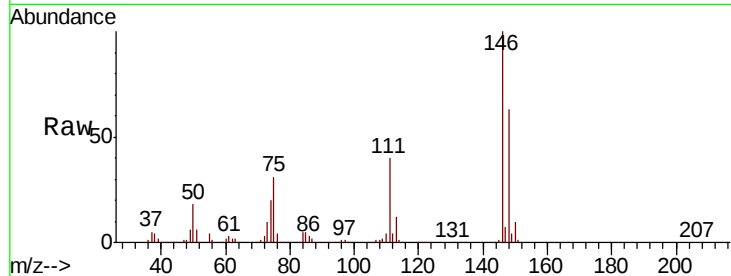
Tot Ion:146 Resp: 444339

Ion Ratio Lower Upper

146 100

111 40.5 19.1 57.3

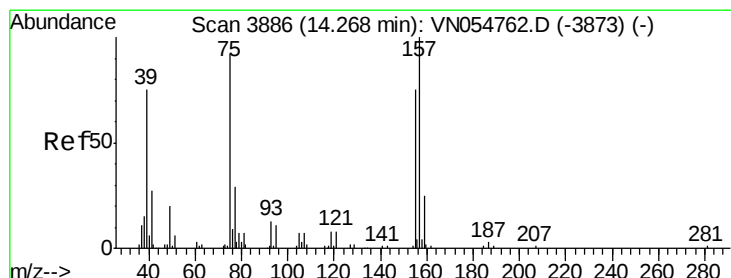
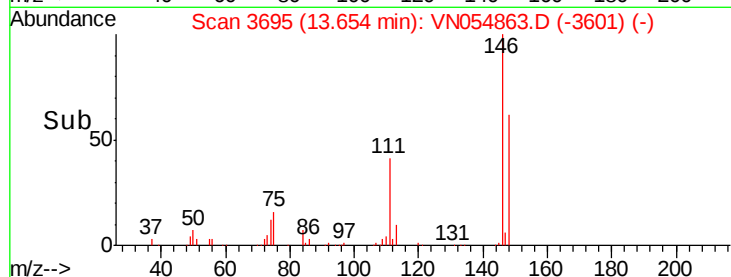
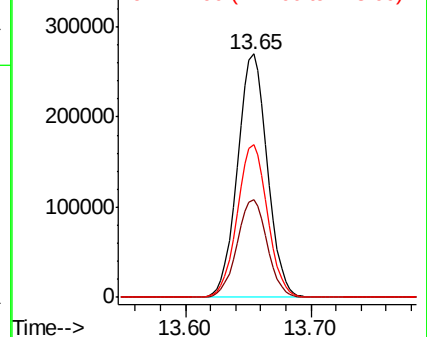
148 63.8 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.676 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

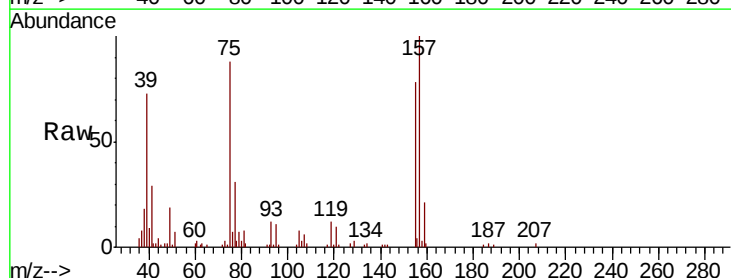
Tgt Ion: 75 Resp: 40336

Ion Ratio Lower Upper

75 100

155 85.1 50.1 150.3

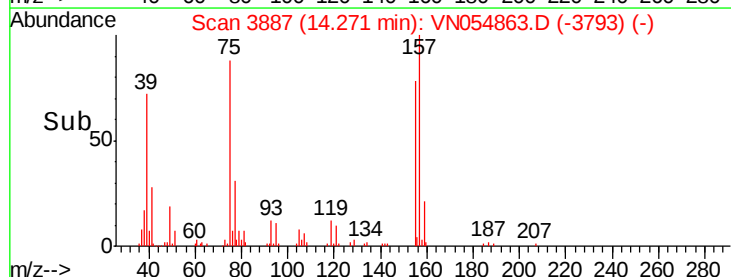
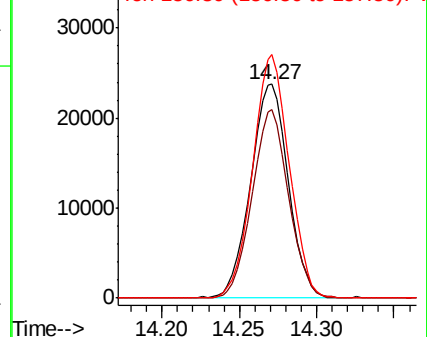
157 110.1 63.1 189.3

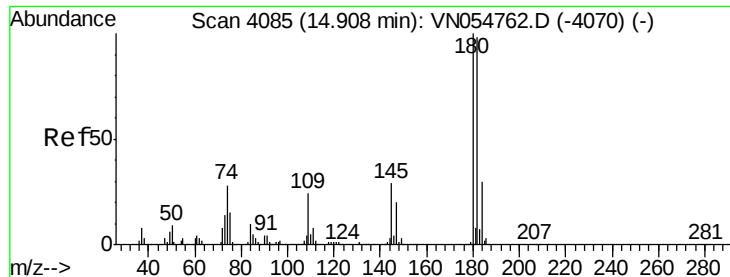


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

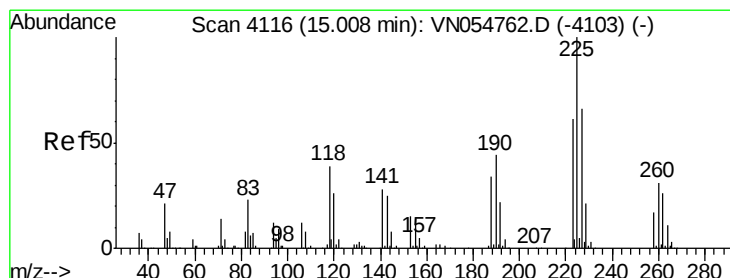
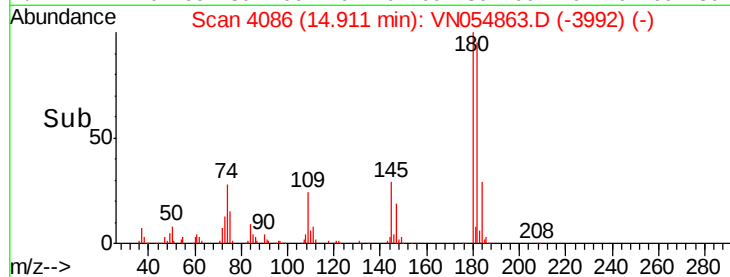
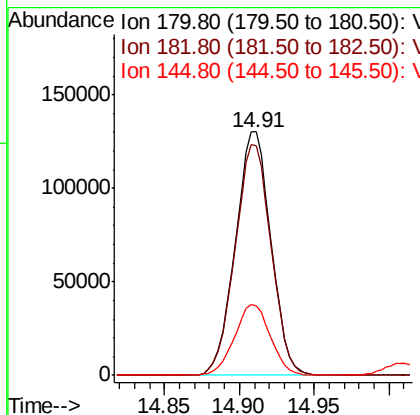
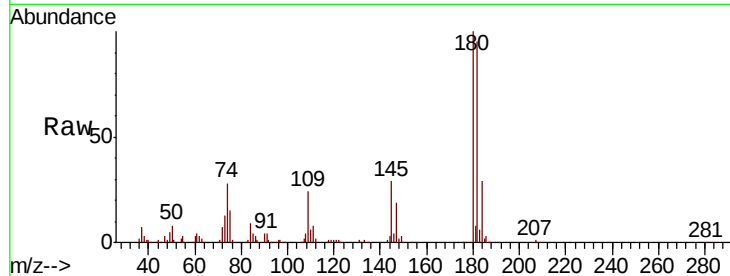




#93
 1,2,4-Trichlorobenzene
 Concen: 49.803 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN054863.D
 Acq: 31 Mar 2019 20:50

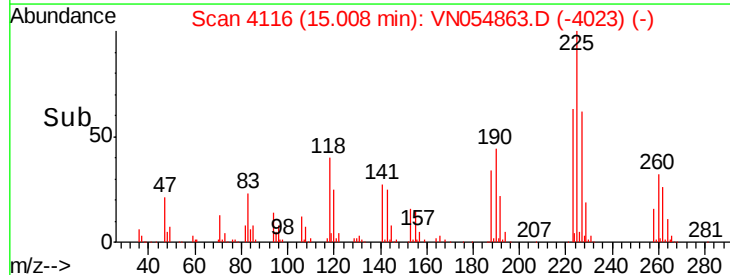
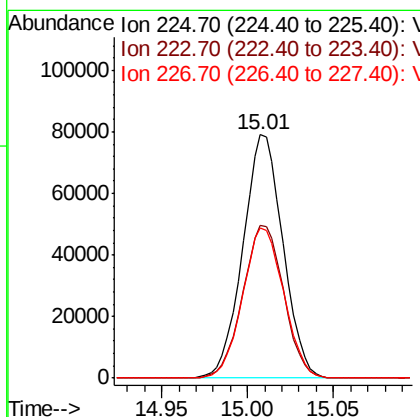
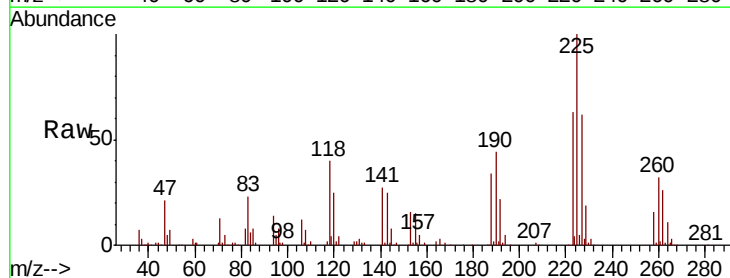
Instrument :
 MSVOA_N
 ClientSampleId :

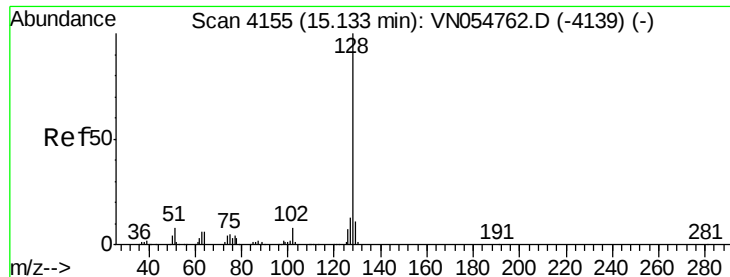
Tot Ion:180 Resp: 215234
 Ion Ratio Lower Upper
 180 100
 182 96.0 48.0 144.2
 145 29.4 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 49.731 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN054863.D
 Acq: 31 Mar 2019 20:50

Tgt Ion:225 Resp: 127312
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.1 93.5
 227 63.3 31.9 95.9





#95

Naphthalene

Concen: 50.817 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

Instrument :

MSVOA_N

ClientSampleId :

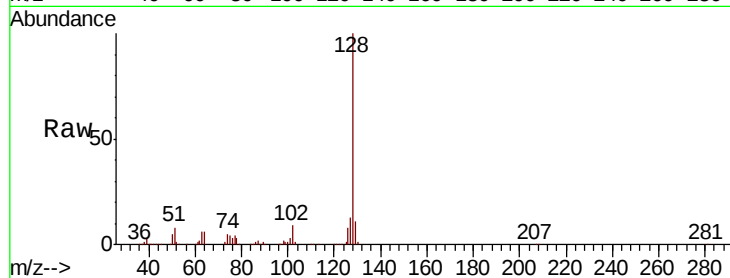
Tot Ion:128 Resp: 492555

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

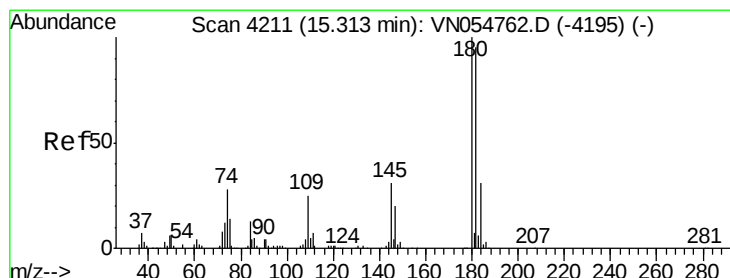
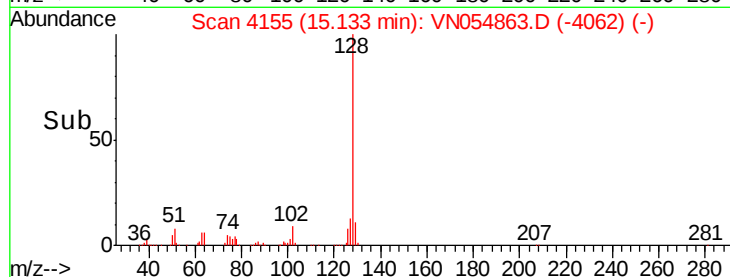
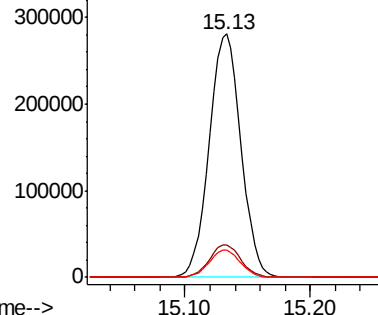
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.329 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN054863.D

Acq: 31 Mar 2019 20:50

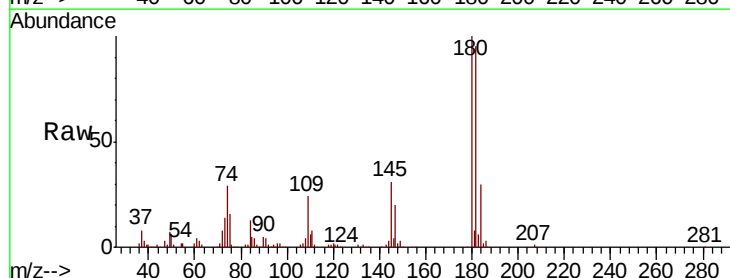
Tgt Ion:180 Resp: 219666

Ion Ratio Lower Upper

180 100

182 93.6 47.5 142.6

145 30.5 14.8 44.3



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

