

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061318\
 Data File : VN049213.D
 Acq On : 13 Jun 2018 21:01
 Operator : MD\SY
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Jun 14 04:27:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 04:25:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	813132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1279891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1168966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	539521	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	272722	20.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.82%	
35) Dibromofluoromethane	7.59	113	225905	21.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.76%	
50) Toluene-d8	10.09	98	857400	21.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.08%	
62) 4-Bromofluorobenzene	12.40	95	271212	20.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	222501	18.61	ug/l	98
3) Chloromethane	2.06	50	230177	18.79	ug/l	97
4) Vinyl Chloride	2.18	62	234252	19.15	ug/l	99
5) Bromomethane	2.57	94	118620	17.67	ug/l	94
6) Chloroethane	2.71	64	155865	19.84	ug/l	96
7) Trichlorofluoromethane	3.02	101	327763	19.60	ug/l	100
8) Diethyl Ether	3.41	74	127359	21.82	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.75	101	225423	22.18	ug/l	98
10) Methyl Iodide	3.95	142	212047	21.76	ug/l	96
11) Tert butyl alcohol	4.80	59	70678	96.35	ug/l	99
12) 1,1-Dichloroethene	3.73	96	206482	22.09	ug/l	98
13) Acrolein	3.61	56	103937	153.70	ug/l	99
14) Allyl chloride	4.32	41	380605	21.31	ug/l	90
15) Acrylonitrile	4.99	53	401238	101.68	ug/l	99
16) Acetone	3.82	43	304798	99.55	ug/l	94
17) Carbon Disulfide	4.05	76	669804	21.66	ug/l	99
18) Methyl Acetate	4.33	43	210347	21.29	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	560155	20.23	ug/l	98
20) Methylene Chloride	4.55	84	248415	21.81	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	220308	20.67	ug/l	98
22) Diisopropyl ether	5.96	45	788283	20.76	ug/l	99
23) Vinyl Acetate	5.90	43	2559762	98.92	ug/l	99
24) 1,1-Dichloroethane	5.85	63	460193	21.26	ug/l	99
25) 2-Butanone	6.84	43	442600	95.30	ug/l	98
26) 2,2-Dichloropropane	6.83	77	336094	19.62	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	248211	20.81	ug/l	98
28) Bromochloromethane	7.20	49	210186	22.29	ug/l	98
29) Tetrahydrofuran	7.22	42	289448	97.18	ug/l	99
30) Chloroform	7.37	83	436759	20.76	ug/l	99
31) Cyclohexane	7.65	56	401941	20.15	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	370390	20.61	ug/l	99
36) 1,1-Dichloropropene	7.80	75	330634	20.65	ug/l	100
37) Ethyl Acetate	6.93	43	216653	21.10	ug/l	99
38) Carbon Tetrachloride	7.77	117	328889	20.92	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 04:25:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	329070	19.67	ug/l	98
40) Benzene	8.04	78	1002090	20.89	ug/l	98
41) Methacrylonitrile	7.21	41	296979	52.55	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	325042	20.82	ug/l	98
43) Isopropyl Acetate	8.17	43	378115	19.30	ug/l	99
44) Trichloroethene	8.84	130	240073	20.44	ug/l	98
45) 1,2-Dichloropropane	9.12	63	274958	20.93	ug/l	100
46) Dibromomethane	9.21	93	147342	20.13	ug/l	97
47) Bromodichloromethane	9.40	83	330894	20.38	ug/l	97
48) Methyl methacrylate	9.20	41	181264	19.39	ug/l	96
49) 1,4-Dioxane	9.20	88	40649	387.26	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	1016471	98.23	ug/l	99
52) Toluene	10.16	92	580541	20.19	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	313560	19.36	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	372639	19.81	ug/l	94
55) 1,1,2-Trichloroethane	10.56	97	209473	20.44	ug/l	98
56) Ethyl methacrylate	10.43	69	254224	19.10	ug/l	94
57) 1,3-Dichloropropane	10.71	76	363189	20.35	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	406323	92.32	ug/l	100
59) 2-Hexanone	10.75	43	627209	94.17	ug/l	99
60) Dibromochloromethane	10.90	129	231702	20.25	ug/l	99
61) 1,2-Dibromoethane	11.01	107	194062	20.23	ug/l	99
64) Tetrachloroethene	10.63	164	244551	21.63	ug/l	98
65) Chlorobenzene	11.44	112	600118	19.95	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	229770	20.47	ug/l	100
67) Ethyl Benzene	11.51	91	1057707	19.77	ug/l	99
68) m/p-Xylenes	11.63	106	806572	40.55	ug/l	100
69) o-Xylene	11.95	106	388094	20.30	ug/l	98
70) Styrene	11.97	104	616624	20.07	ug/l	99
71) Bromoform	12.13	173	144592	19.69	ug/l #	100
73) Isopropylbenzene	12.25	105	1023719	20.47	ug/l	99
74) N-amyl acetate	12.07	43	285100	19.19	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	247702	20.29	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	307829	29.64	ug/l #	100
77) Bromobenzene	12.53	156	244592	20.82	ug/l	99
78) n-propylbenzene	12.59	91	1178951	20.63	ug/l	99
79) 2-Chlorotoluene	12.68	91	725325	20.91	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	834377	20.88	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	62641	19.23	ug/l	98
82) 4-Chlorotoluene	12.78	91	708706	20.75	ug/l	100
83) tert-Butylbenzene	12.99	119	687706	20.43	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	844278	20.92	ug/l	100
85) sec-Butylbenzene	13.17	105	948005	20.67	ug/l	99
86) p-Isopropyltoluene	13.29	119	773212	20.28	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	412729	20.40	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	402030	20.51	ug/l	99
89) n-Butylbenzene	13.62	91	590585	19.15	ug/l	100
90) Hexachloroethane	13.88	117	164727	20.19	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	410065	21.09	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	37827	21.45	ug/l	97

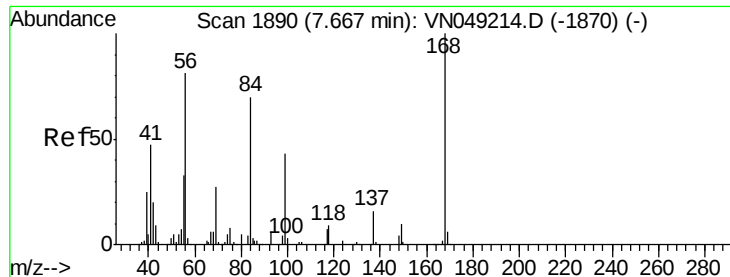
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061318\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	129234	16.79	ug/l	98
94) Hexachlorobutadiene	15.01	225	121827	20.76	ug/l	98
95) Naphthalene	15.14	128	263900	15.64	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	145880	18.61	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

Instrument :

MSVOA_N

ClientSampleId :

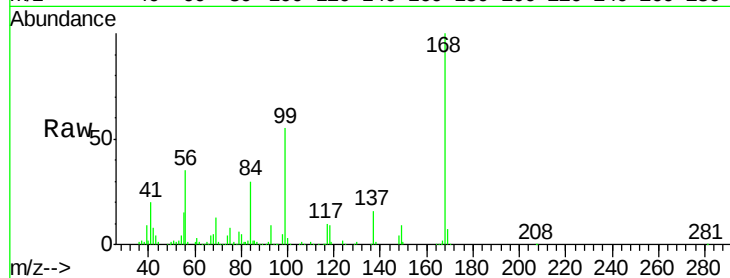
VSTDIC020

Tgt Ion:168 Resp: 813132

Ion Ratio Lower Upper

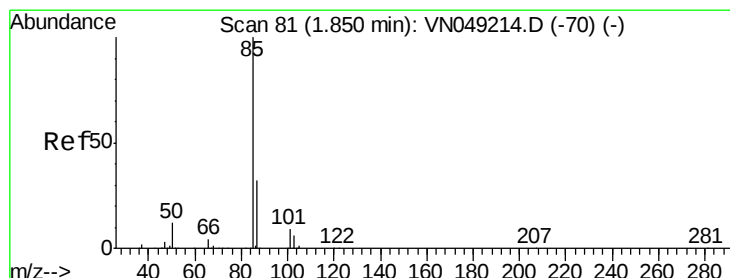
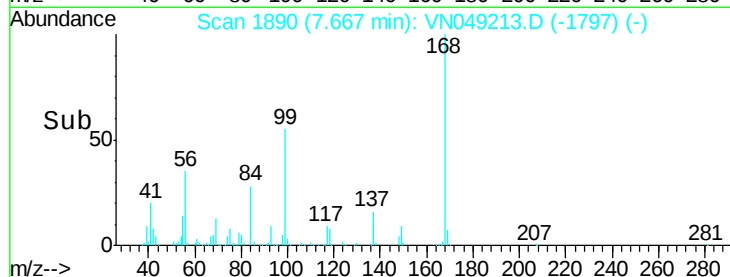
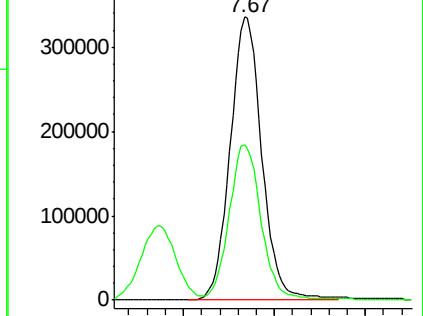
168 100

99 54.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 18.61 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049213.D

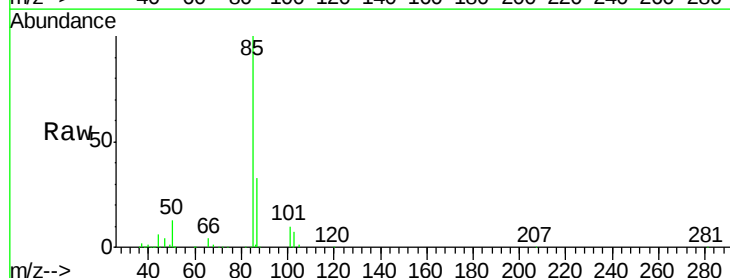
Acq: 13 Jun 2018 21:01

Tgt Ion: 85 Resp: 222501

Ion Ratio Lower Upper

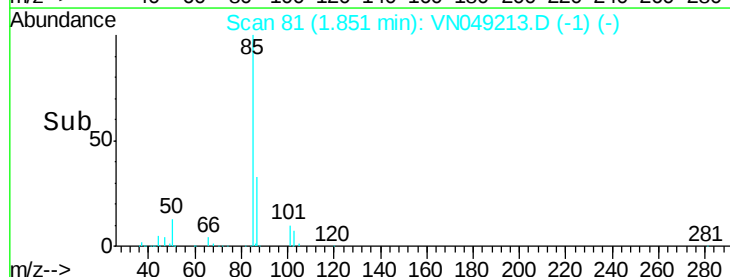
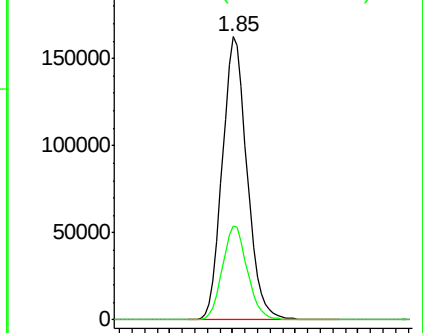
85 100

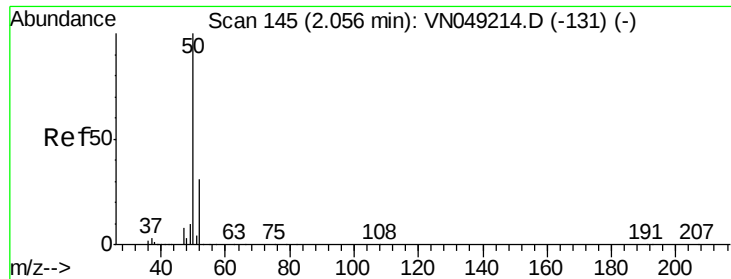
87 33.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

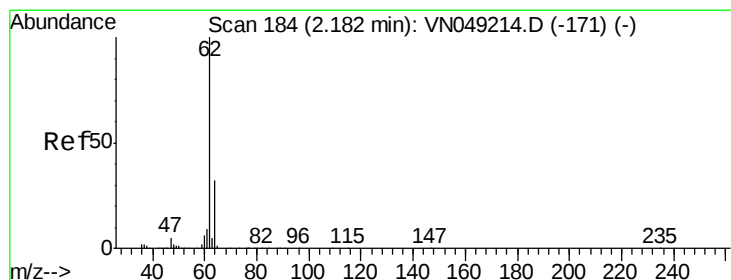
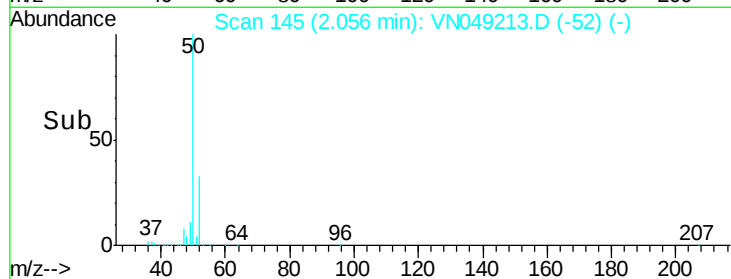
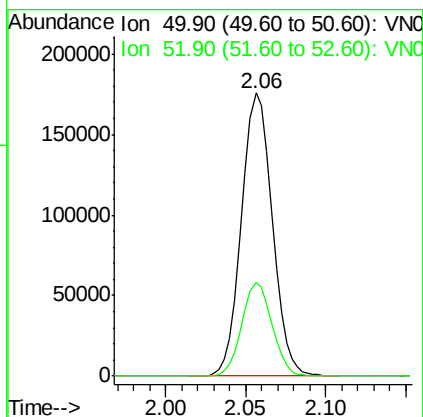
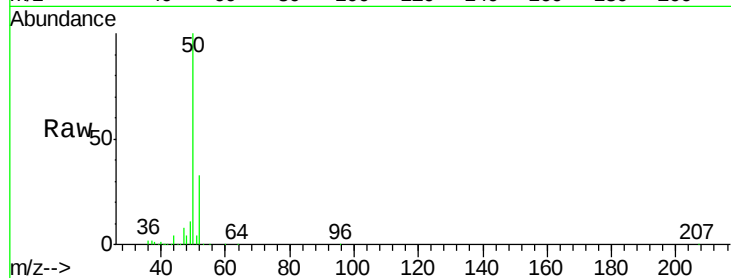




#3
Chloromethane
Concen: 18.79 ug/l
RT: 2.06 min Scan# 145
Delta R.T. 0.00 min
Lab File: VN049213.D
Acq: 13 Jun 2018 21:01

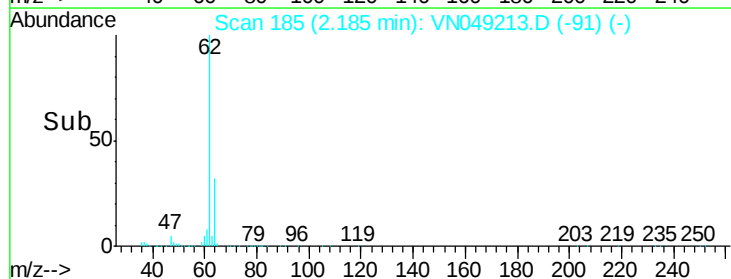
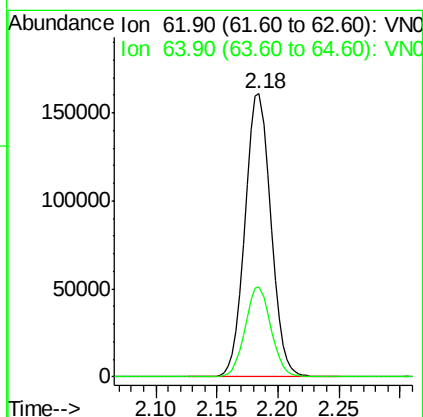
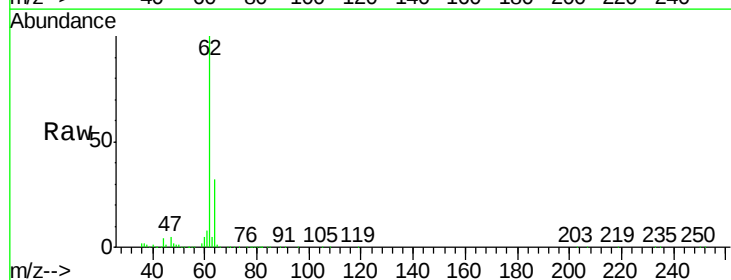
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

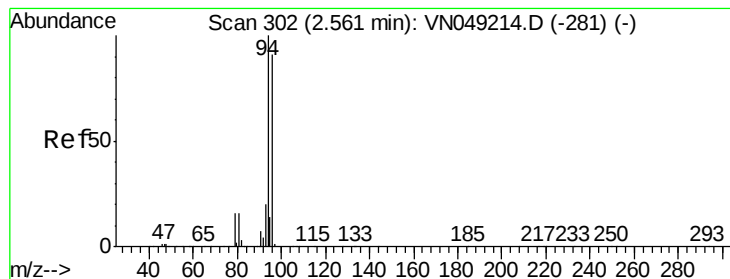
Tgt Ion: 50 Resp: 230177
Ion Ratio Lower Upper
50 100
52 33.2 25.2 37.8



#4
Vinyl Chloride
Concen: 19.15 ug/l
RT: 2.18 min Scan# 185
Delta R.T. 0.00 min
Lab File: VN049213.D
Acq: 13 Jun 2018 21:01

Tgt Ion: 62 Resp: 234252
Ion Ratio Lower Upper
62 100
64 31.7 25.7 38.5





#5

Bromomethane

Concen: 17.67 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

Instrument :

MSVOA_N

ClientSampleId :

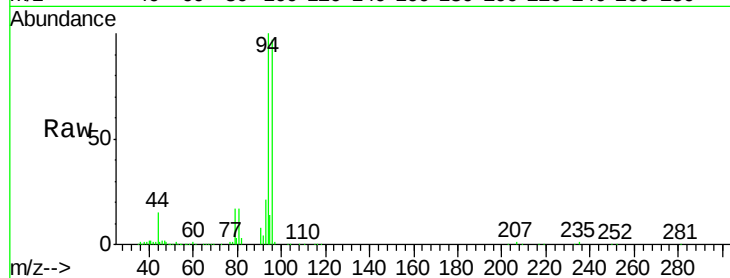
VSTDIC020

Tgt Ion: 94 Resp: 118620

Ion Ratio Lower Upper

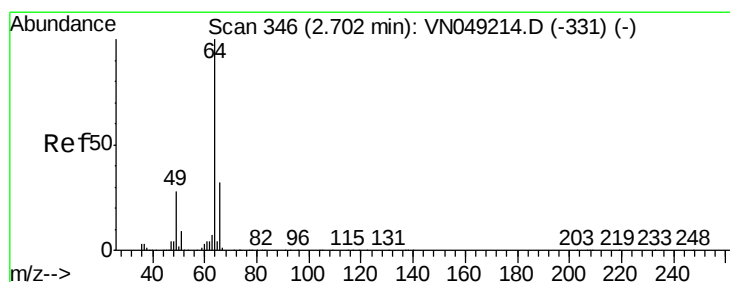
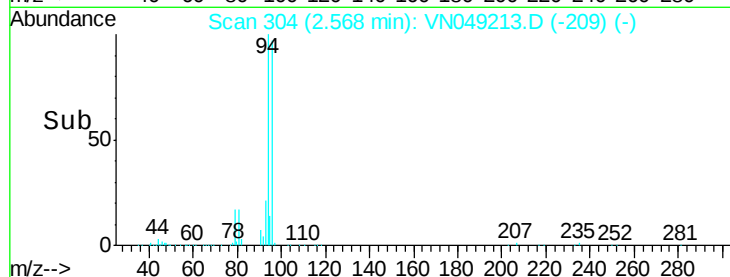
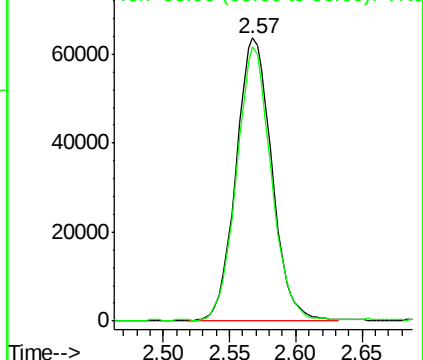
94 100

96 96.5 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.84 ug/l

RT: 2.71 min Scan# 347

Delta R.T. 0.00 min

Lab File: VN049213.D

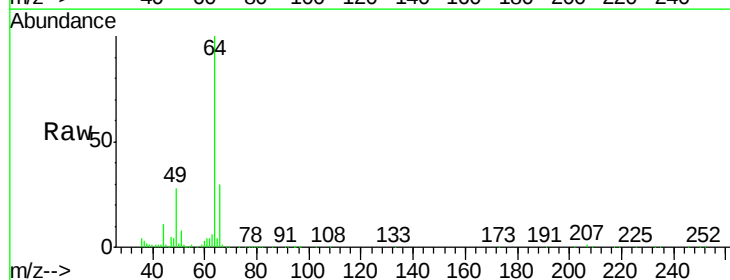
Acq: 13 Jun 2018 21:01

Tgt Ion: 64 Resp: 155865

Ion Ratio Lower Upper

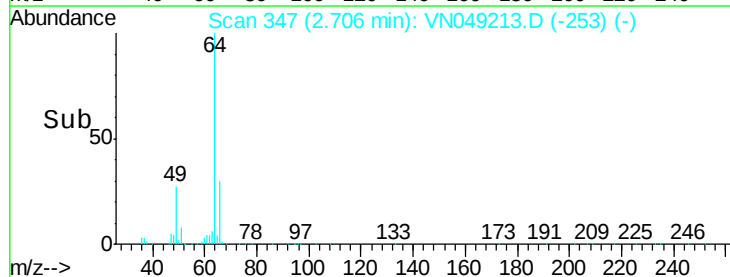
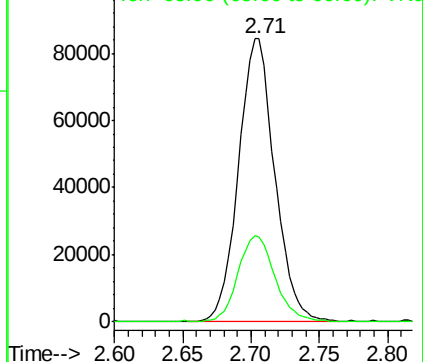
64 100

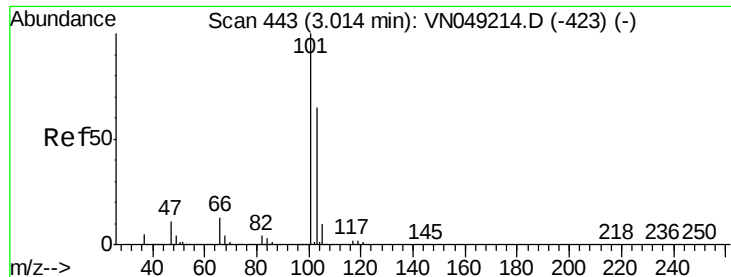
66 29.9 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 19.60 ug/l

RT: 3.02 min Scan# 444

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

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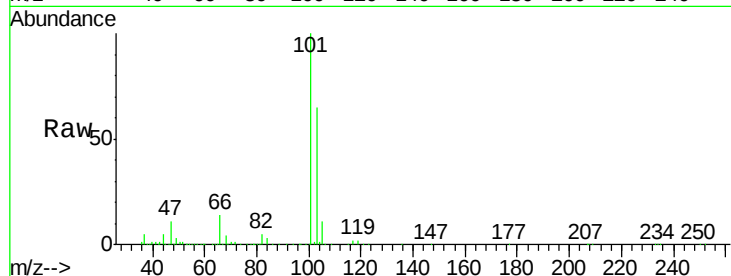
VSTDIC020

Tgt Ion:101 Resp: 327763

Ion Ratio Lower Upper

101 100

103 64.5 51.7 77.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

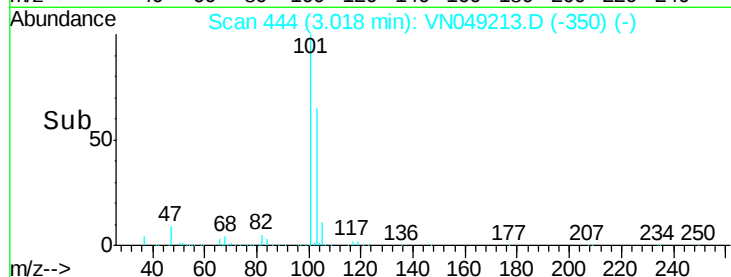
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100000

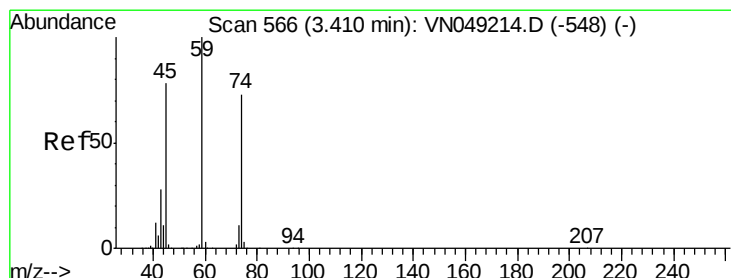
50000

0

Time-->



Time-->



#8

Diethyl Ether

Concen: 21.82 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN049213.D

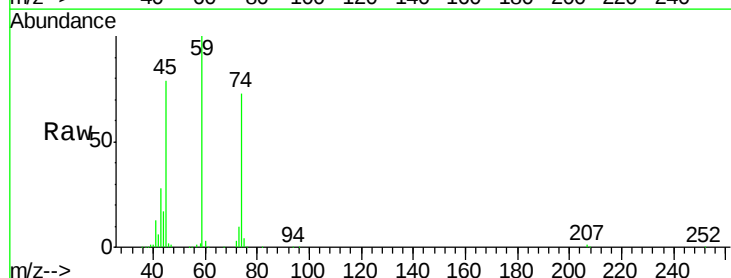
Acq: 13 Jun 2018 21:01

Tgt Ion: 74 Resp: 127359

Ion Ratio Lower Upper

74 100

45 109.6 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

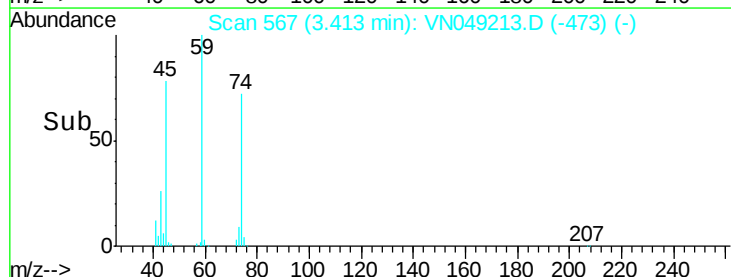
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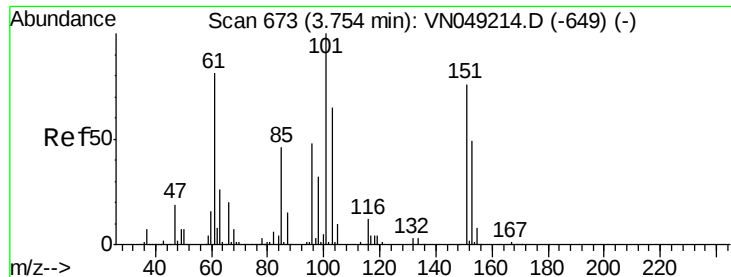
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20000

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Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.18 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

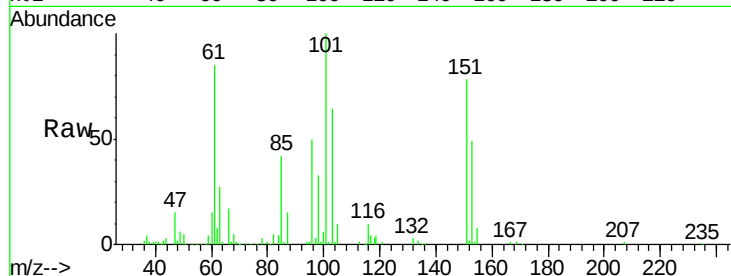
Tgt Ion:101 Resp: 225423

Ion Ratio Lower Upper

101 100

85 44.5 37.6 56.4

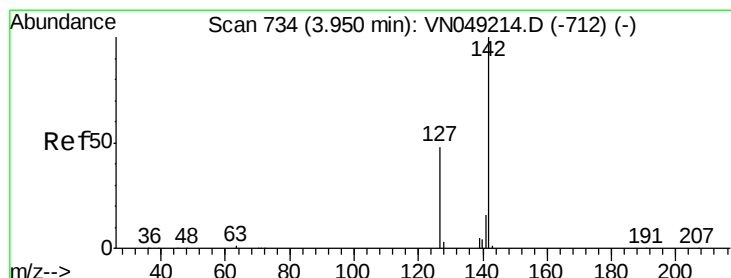
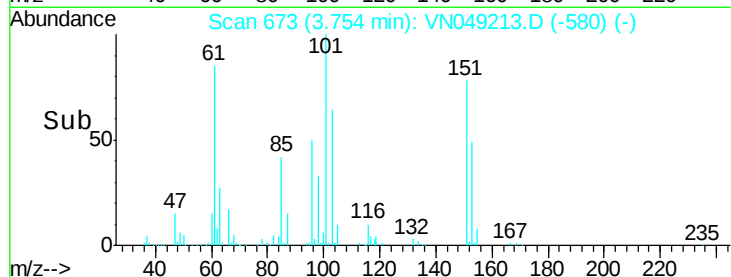
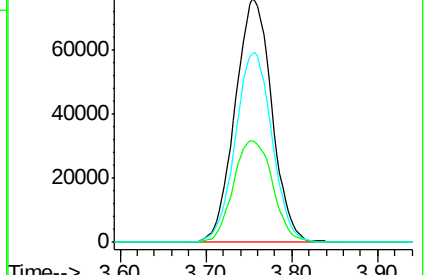
151 77.7 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.76 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

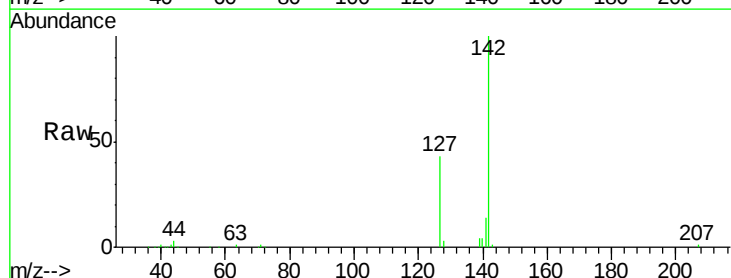
Tgt Ion:142 Resp: 212047

Ion Ratio Lower Upper

142 100

127 44.3 38.2 57.4

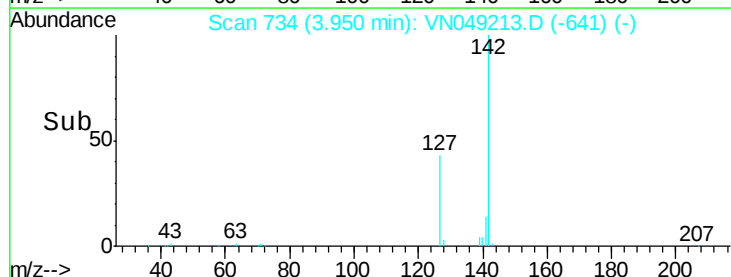
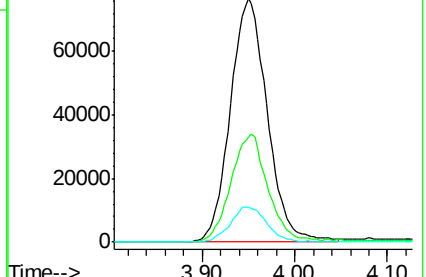
141 14.3 11.9 17.9

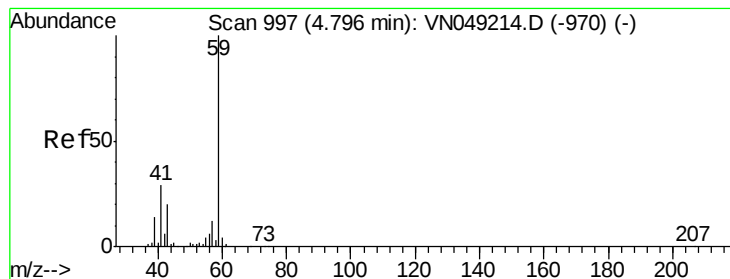


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 96.35 ug/l

RT: 4.80 min Scan# 998

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

Instrument :

MSVOA_N

ClientSampleId :

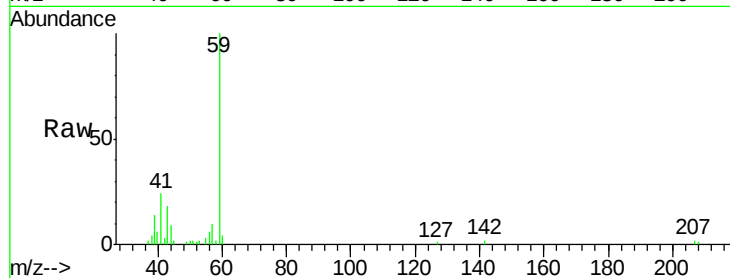
VSTDIC020

Tgt Ion: 59 Resp: 70678

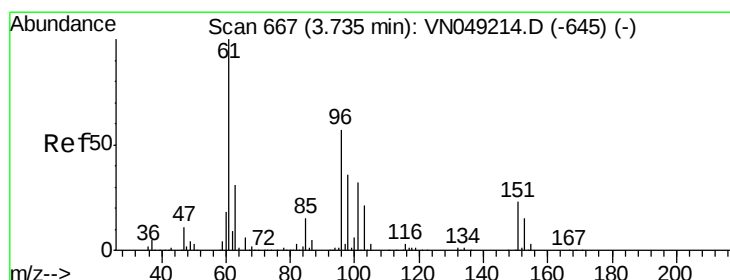
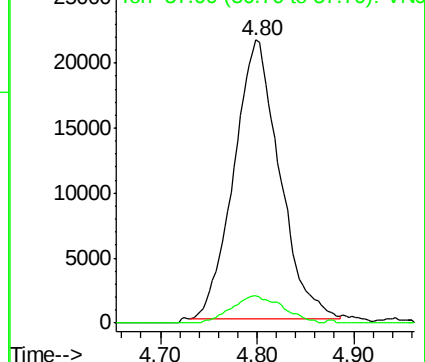
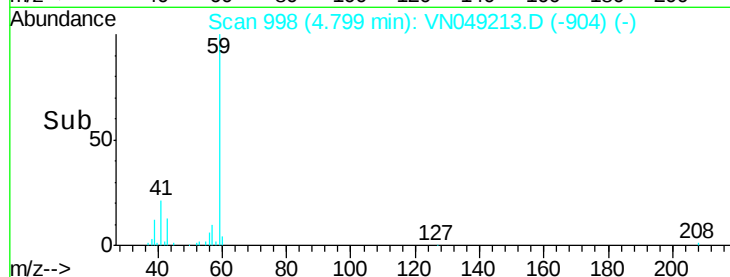
Ion Ratio Lower Upper

59 100

57 11.0 9.0 13.6



Abundance Ion 59.00 (58.70 to 59.70): VN049213.D (-904) (-)



#12

1,1-Dichloroethene

Concen: 22.09 ug/l

RT: 3.73 min Scan# 667

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

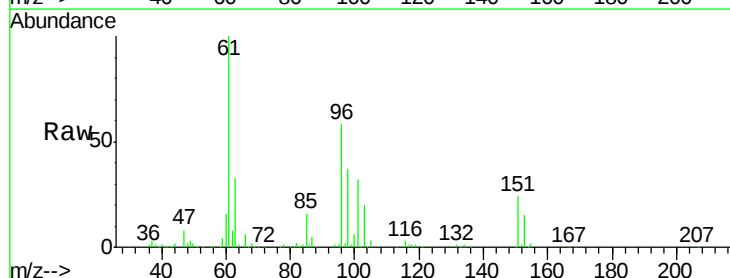
Tgt Ion: 96 Resp: 206482

Ion Ratio Lower Upper

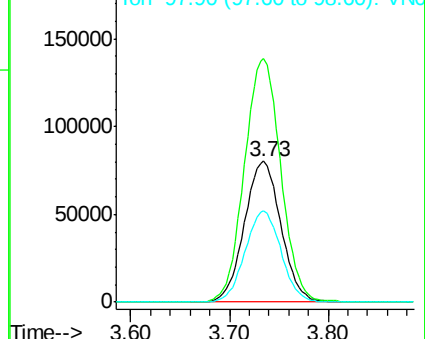
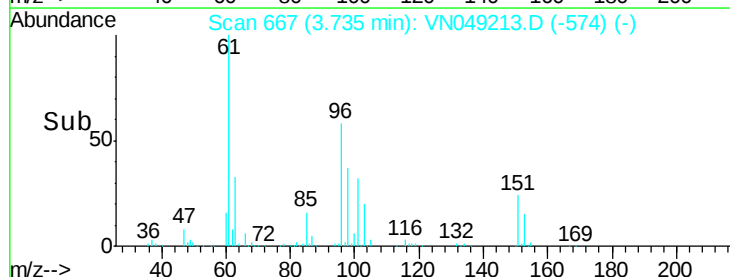
96 100

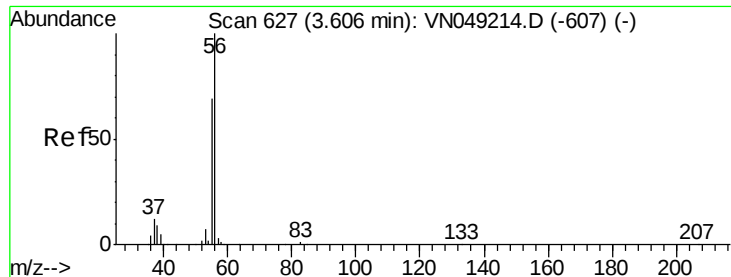
61 172.6 141.0 211.4

98 64.3 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VN049213.D (-574) (-)





#13

Acrolein

Concen: 153.70 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

Instrument :

MSVOA_N

ClientSampleId :

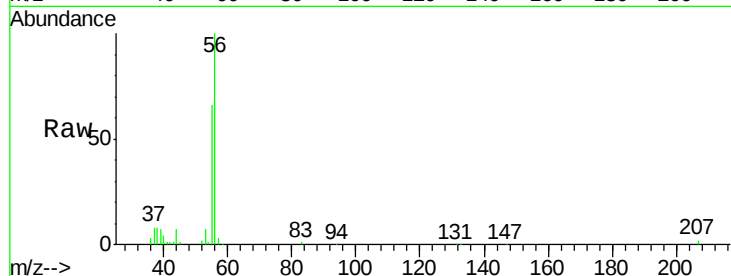
VSTDIC020

Tgt Ion: 56 Resp: 103937

Ion Ratio Lower Upper

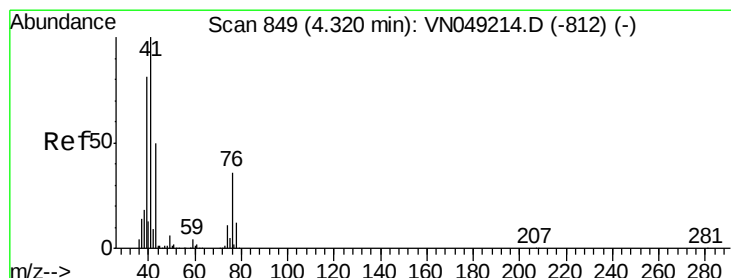
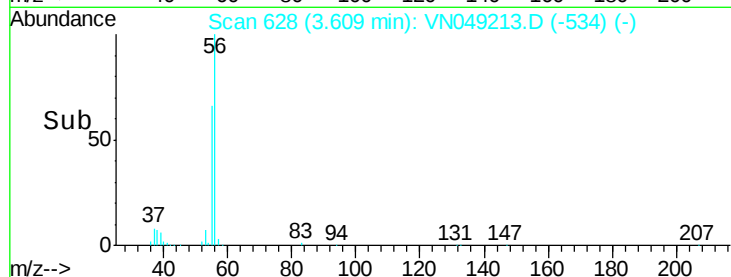
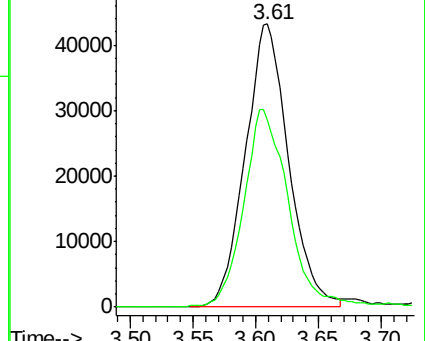
56 100

55 71.9 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN049213.D (-534) (-)

Ion 55.00 (54.70 to 55.70): VN049213.D (-534) (-)



#14

Allyl chloride

Concen: 21.31 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

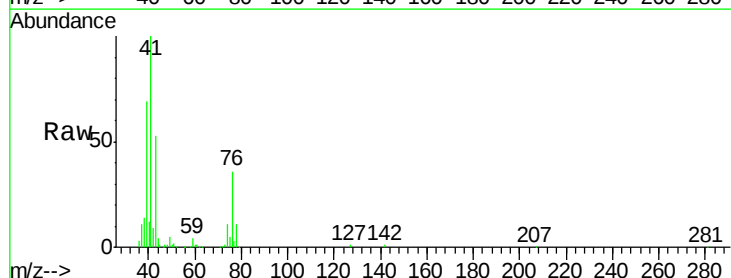
Tgt Ion: 41 Resp: 380605

Ion Ratio Lower Upper

41 100

39 66.4 62.5 93.7

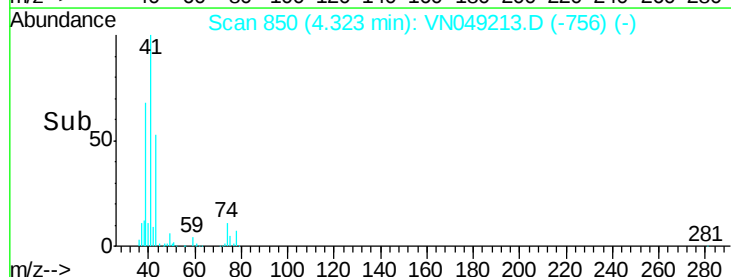
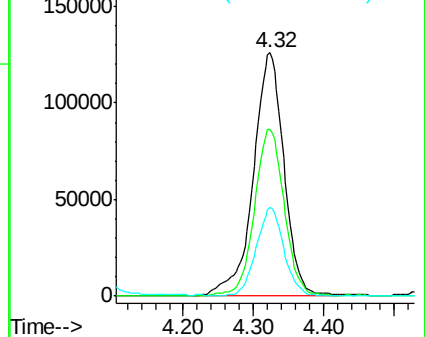
76 32.9 27.1 40.7

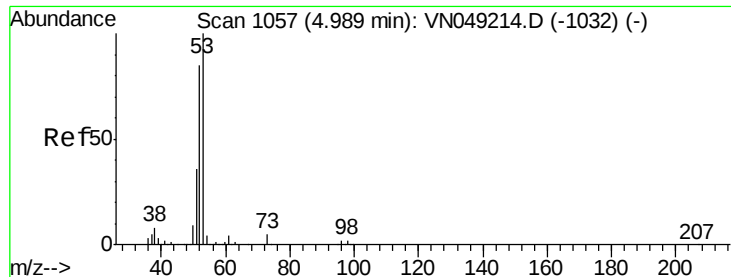


Abundance Ion 41.00 (40.70 to 41.70): VN049213.D (-756) (-)

Ion 39.00 (38.70 to 39.70): VN049213.D (-756) (-)

Ion 75.90 (75.60 to 76.60): VN049213.D (-756) (-)





#15

Acrylonitrile

Concen: 101.68 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

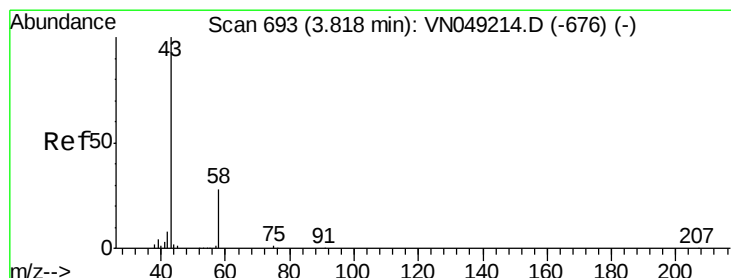
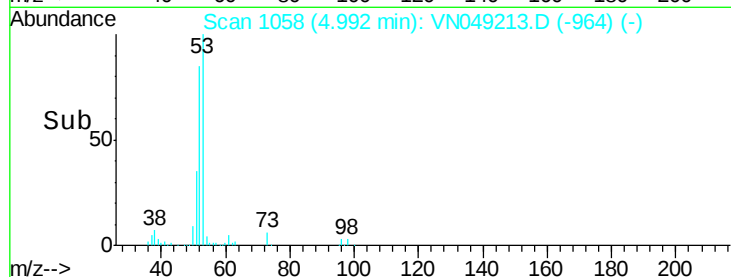
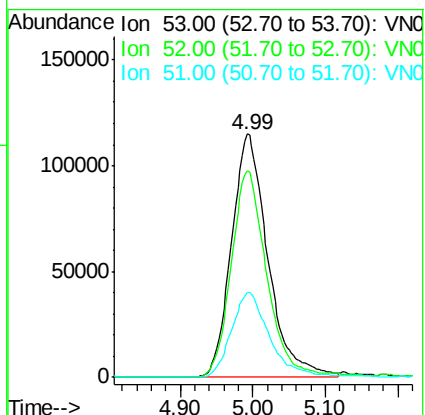
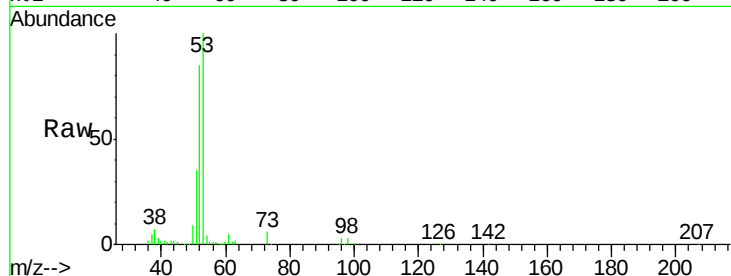
Tgt Ion: 53 Resp: 401238

Ion Ratio Lower Upper

53 100

52 82.5 66.6 100.0

51 36.1 29.8 44.8



#16

Acetone

Concen: 99.55 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049213.D

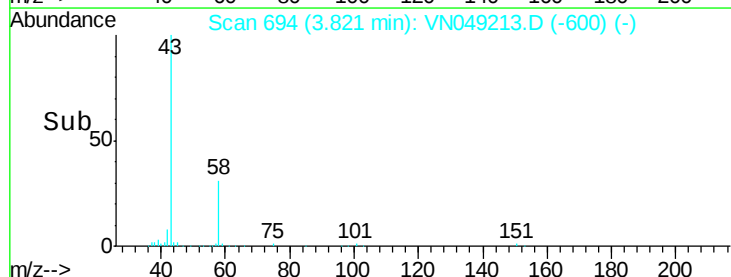
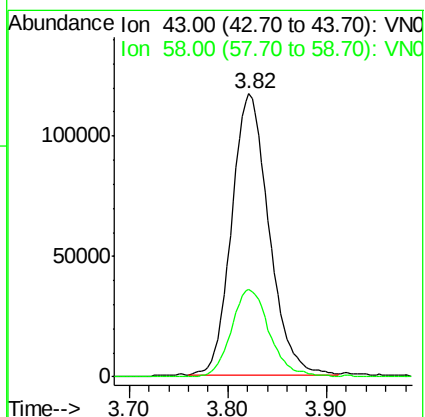
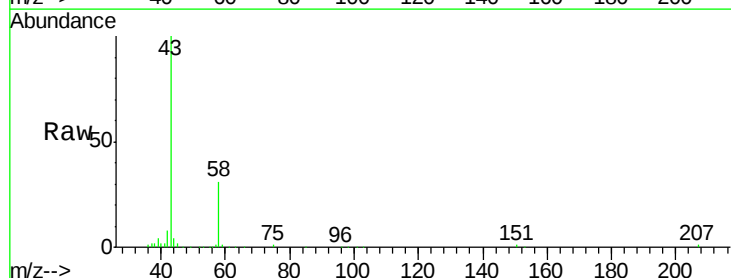
Acq: 13 Jun 2018 21:01

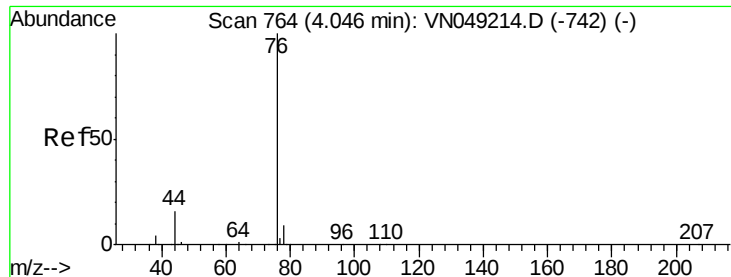
Tgt Ion: 43 Resp: 304798

Ion Ratio Lower Upper

43 100

58 31.2 22.4 33.6

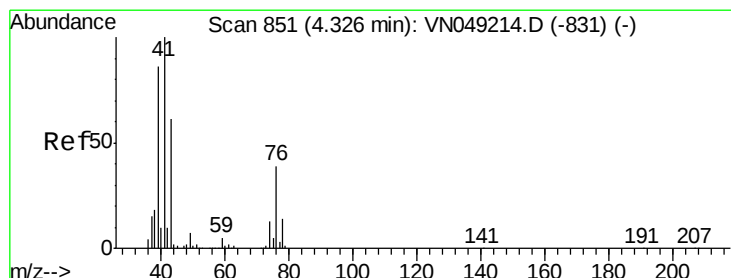
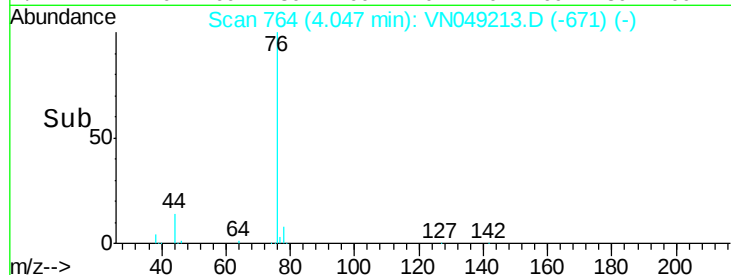
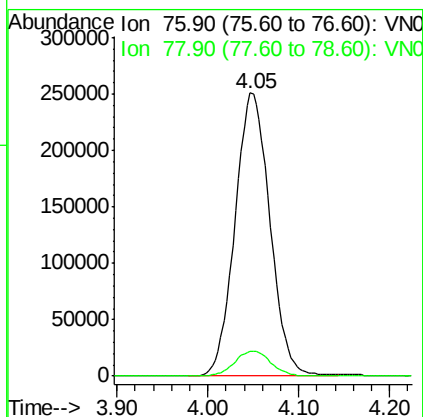
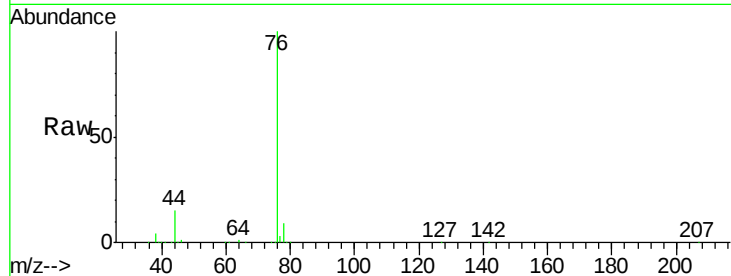




#17
Carbon Disulfide
Concen: 21.66 ug/l
RT: 4.05 min Scan# 764
Delta R.T. 0.00 min
Lab File: VN049213.D
Acq: 13 Jun 2018 21:01

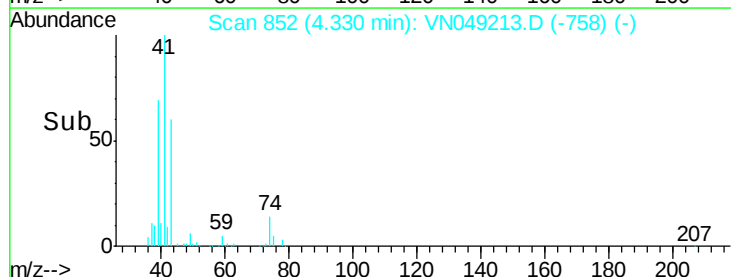
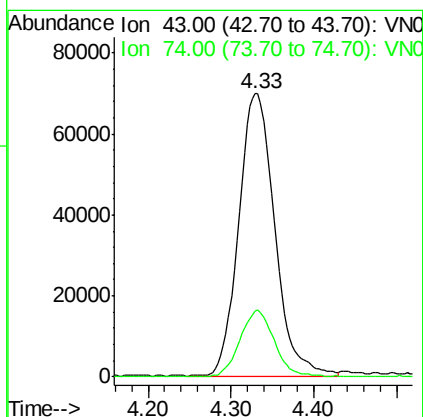
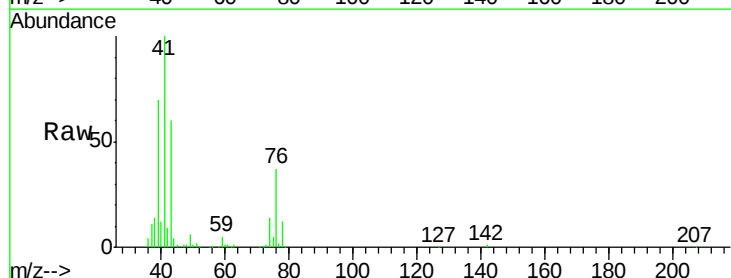
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

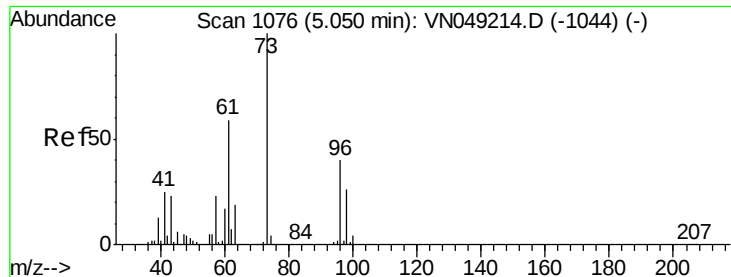
Tgt Ion: 76 Resp: 669804
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 21.29 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049213.D
Acq: 13 Jun 2018 21:01

Tgt Ion: 43 Resp: 210347
Ion Ratio Lower Upper
43 100
74 22.6 17.4 26.0



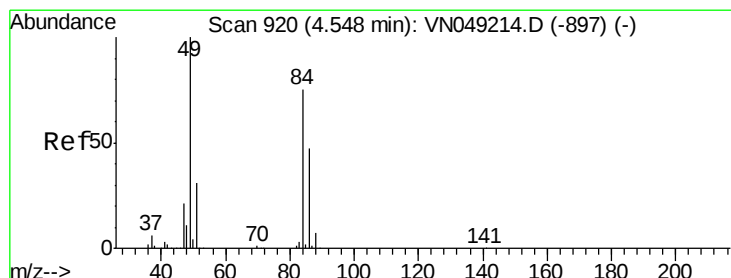
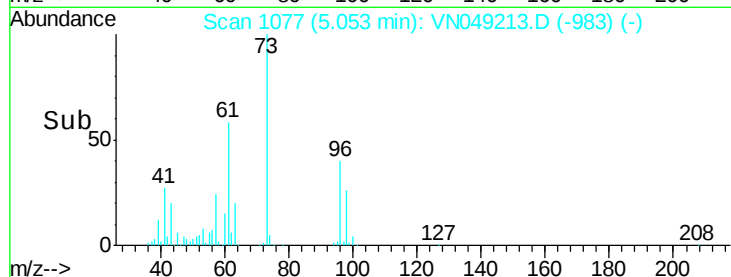
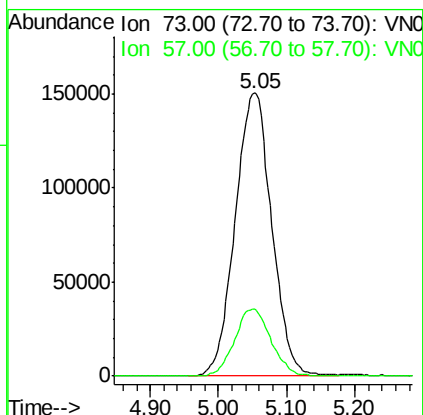
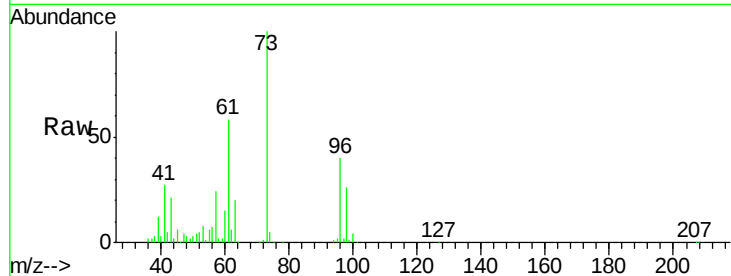


#19

Methyl tert-butyl Ether
Concen: 20.23 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN049213.D
Acq: 13 Jun 2018 21:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

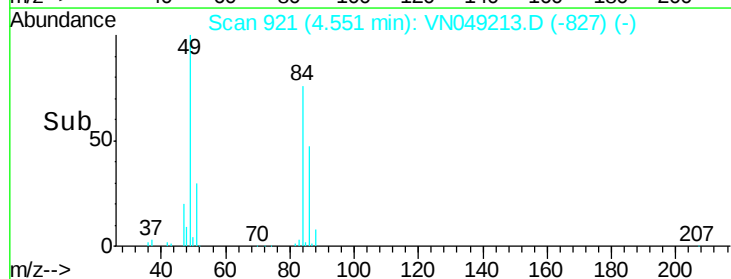
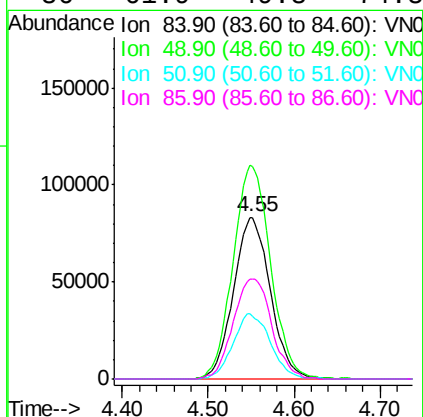
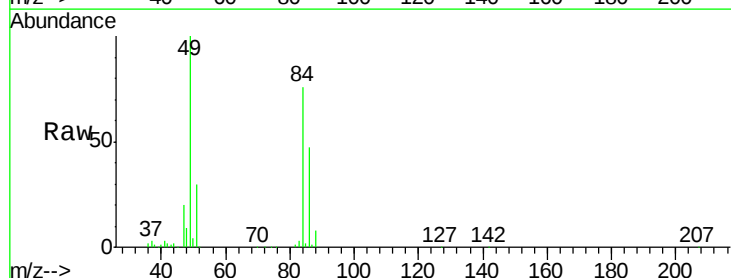
Tgt Ion: 73 Resp: 560155
Ion Ratio Lower Upper
73 100
57 23.9 18.2 27.4

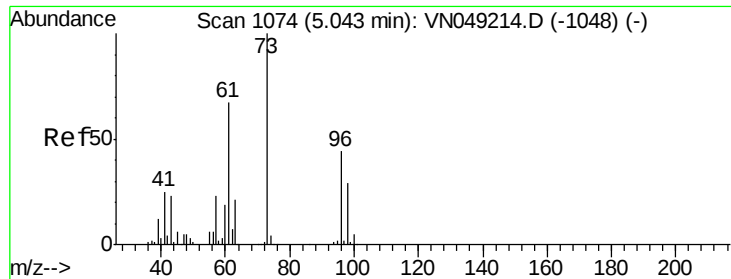


#20

Methylene Chloride
Concen: 21.81 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049213.D
Acq: 13 Jun 2018 21:01

Tgt Ion: 84 Resp: 248415
Ion Ratio Lower Upper
84 100
49 131.2 106.9 160.3
51 39.0 32.7 49.1
86 61.9 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 20.67 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

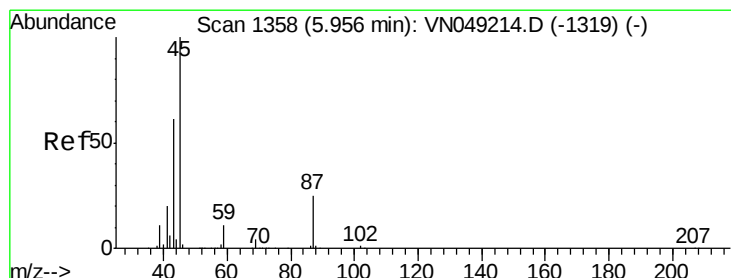
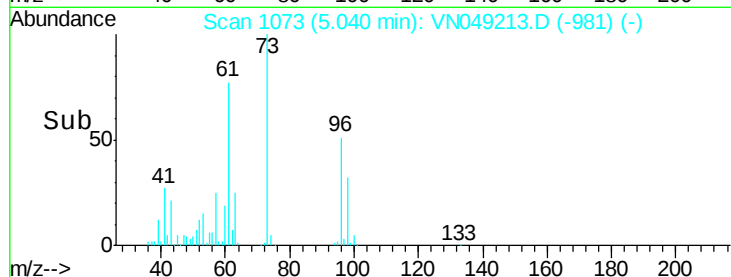
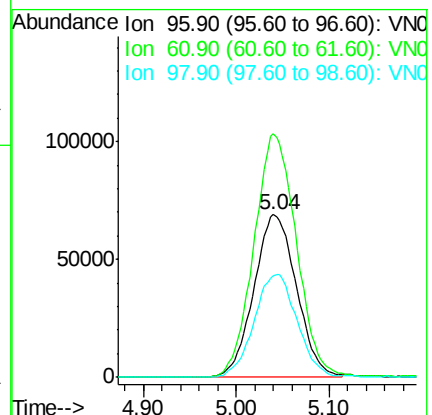
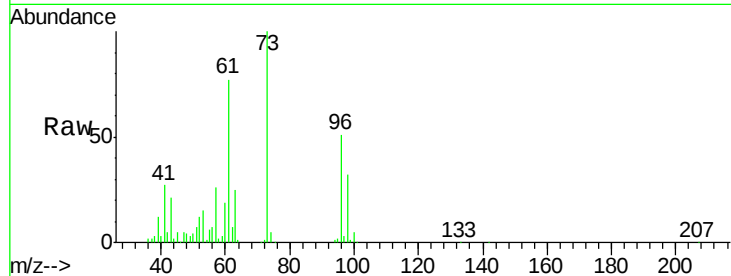
Tgt Ion: 96 Resp: 220308

Ion Ratio Lower Upper

96 100

61 149.7 121.3 181.9

98 62.3 52.0 78.0



#22

Diisopropyl ether

Concen: 20.76 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

Tgt Ion: 45 Resp: 788283

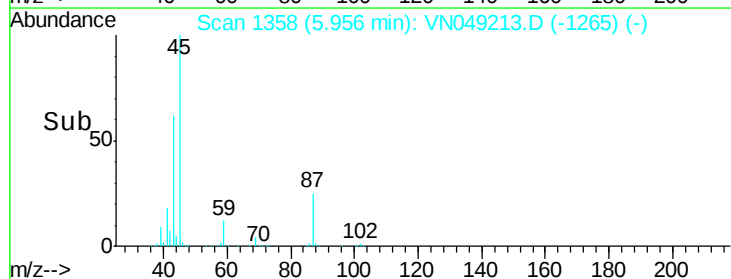
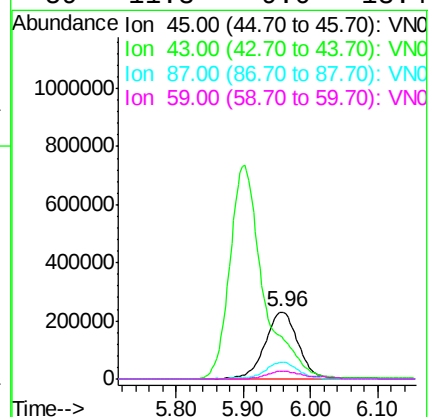
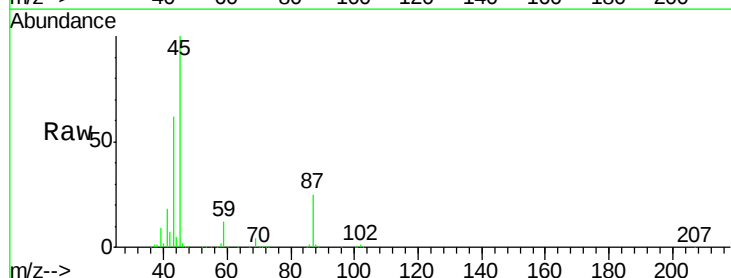
Ion Ratio Lower Upper

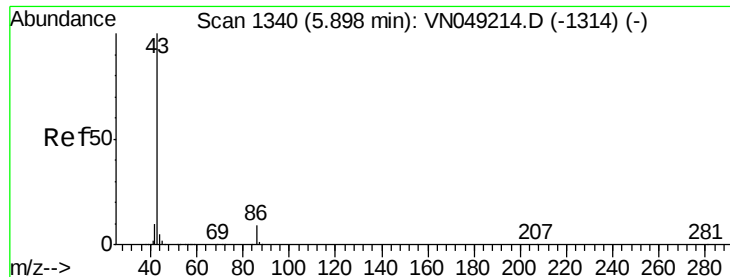
45 100

43 62.2 48.6 72.8

87 25.0 20.2 30.2

59 11.3 9.0 13.4

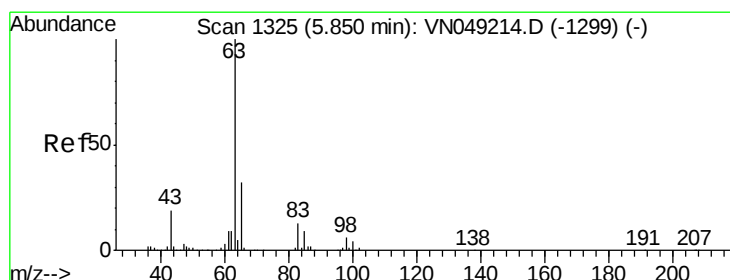
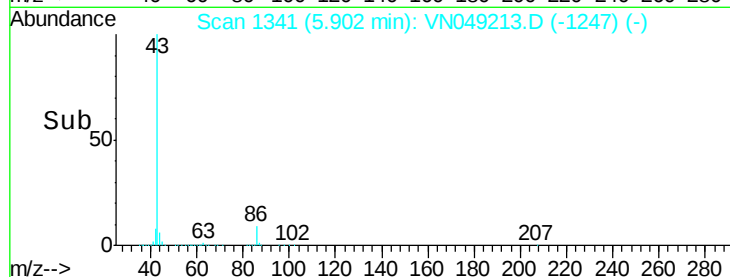
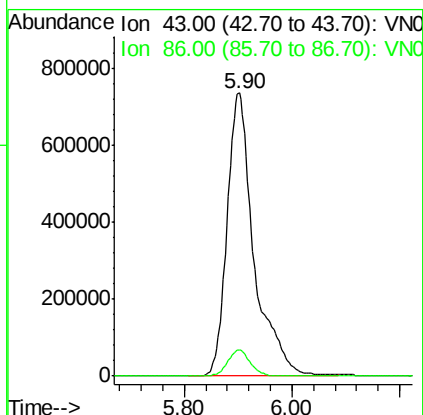
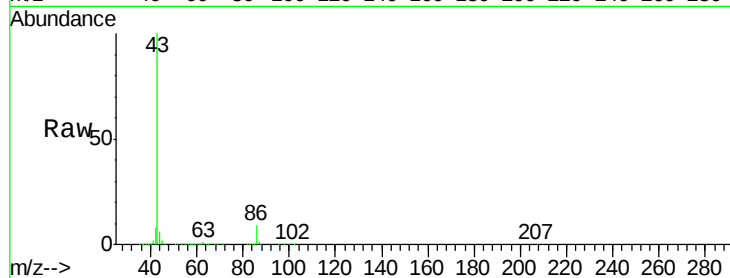




#23
 Vinyl Acetate
 Concen: 98.92 ug/l
 RT: 5.90 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: VN049213.D
 Acq: 13 Jun 2018 21:01

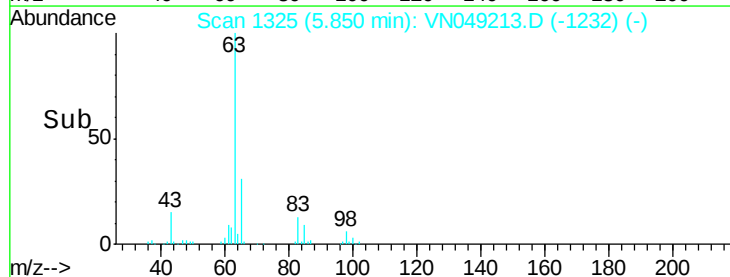
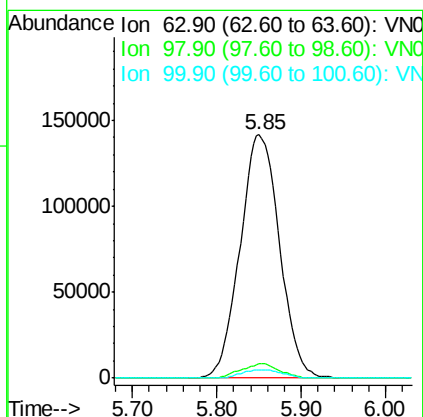
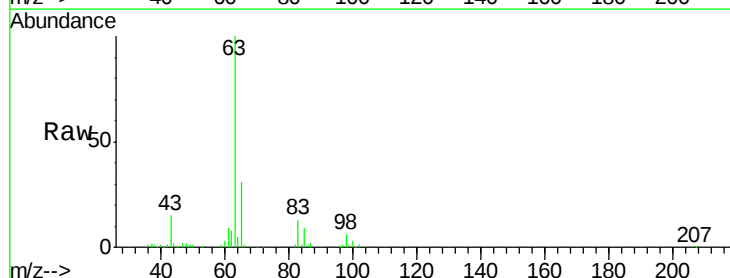
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

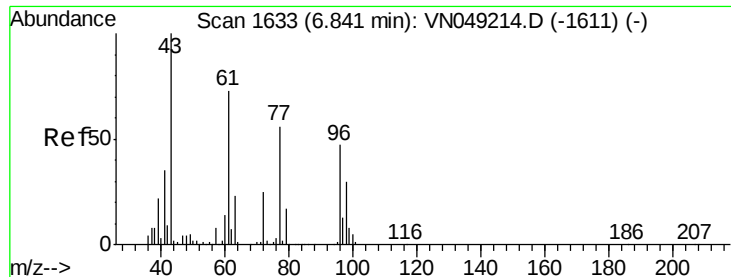
Tgt Ion: 43 Resp: 2559762
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 21.26 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: VN049213.D
 Acq: 13 Jun 2018 21:01

Tgt Ion: 63 Resp: 460193
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.9 8.8
 100 3.4 2.1 6.3





#25

2-Butanone

Concen: 95.30 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

Instrument :

MSVOA_N

ClientSampleId :

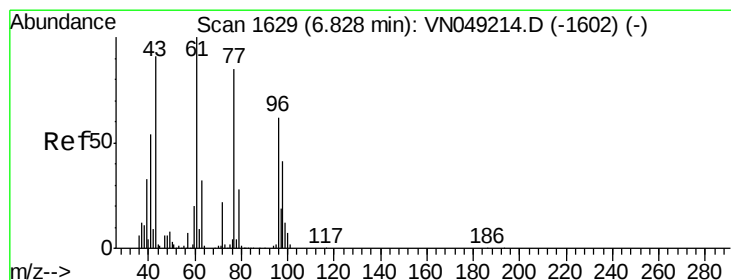
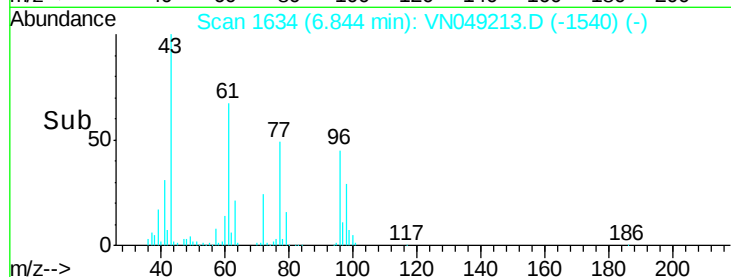
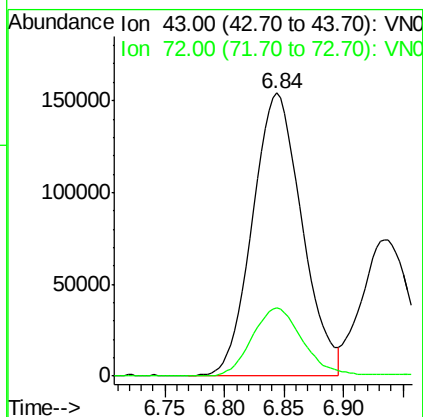
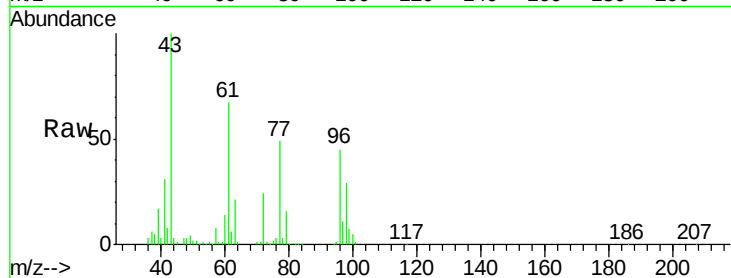
VSTDIC020

Tgt Ion: 43 Resp: 442600

Ion Ratio Lower Upper

43 100

72 24.3 20.2 30.2



#26

2,2-Dichloropropane

Concen: 19.62 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN049213.D

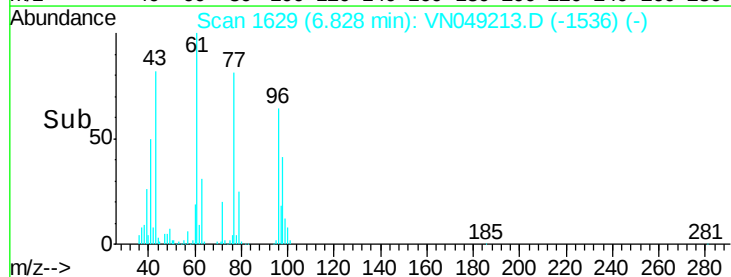
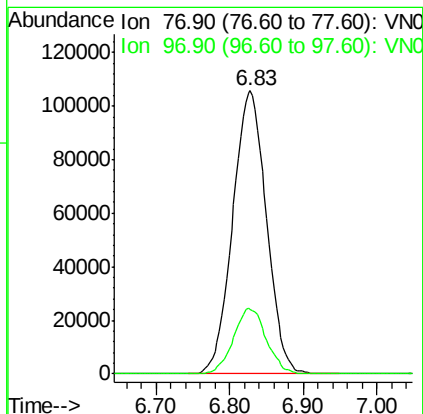
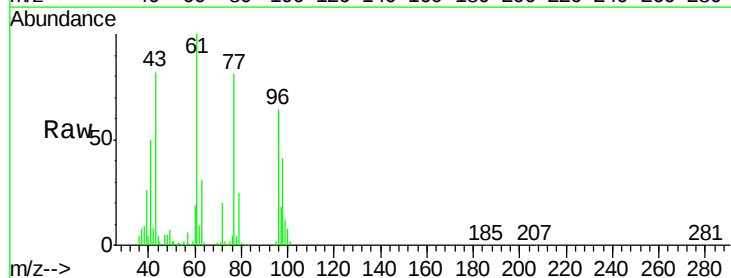
Acq: 13 Jun 2018 21:01

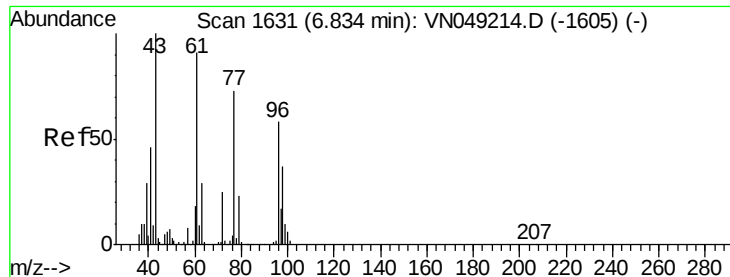
Tgt Ion: 77 Resp: 336094

Ion Ratio Lower Upper

77 100

97 22.7 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 20.81 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

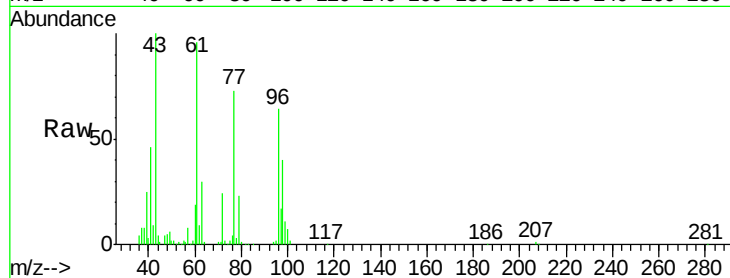
Tgt Ion: 96 Resp: 248211

Ion Ratio Lower Upper

96 100

61 154.5 0.0 316.4

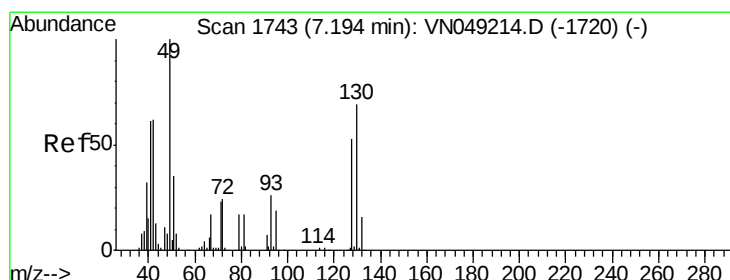
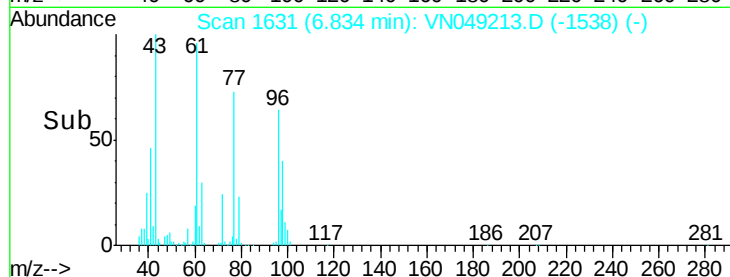
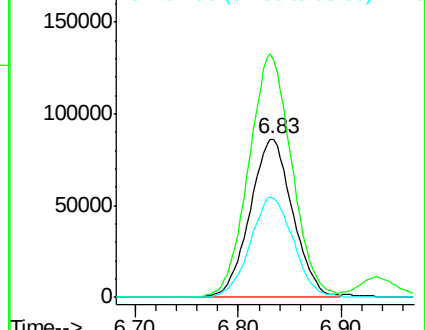
98 63.8 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN049213.D (-1538) (-)

Ion 60.90 (60.60 to 61.60): VN049213.D (-1538) (-)

Ion 97.90 (97.60 to 98.60): VN049213.D (-1538) (-)



#28

Bromochloromethane

Concen: 22.29 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

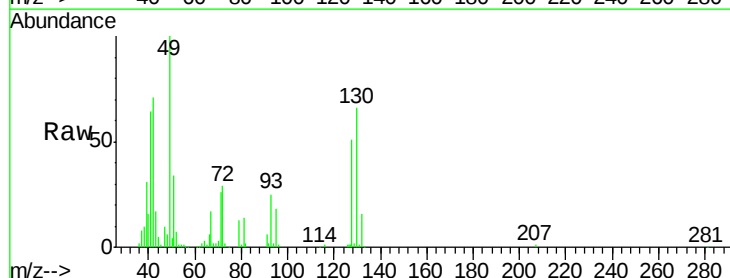
Tgt Ion: 49 Resp: 210186

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

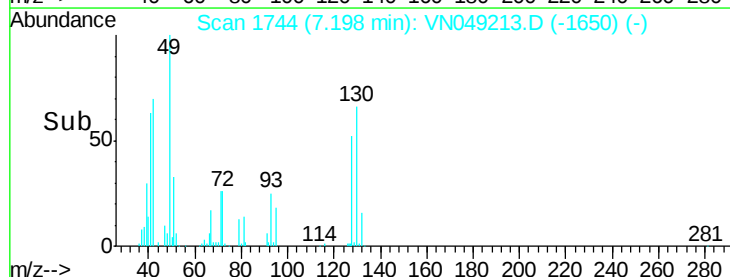
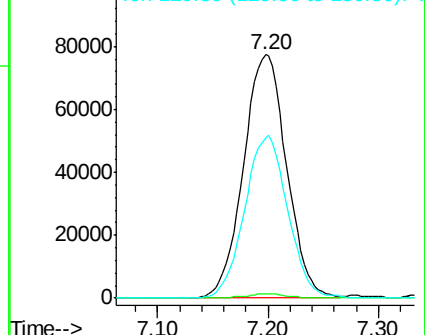
130 66.5 54.9 82.3

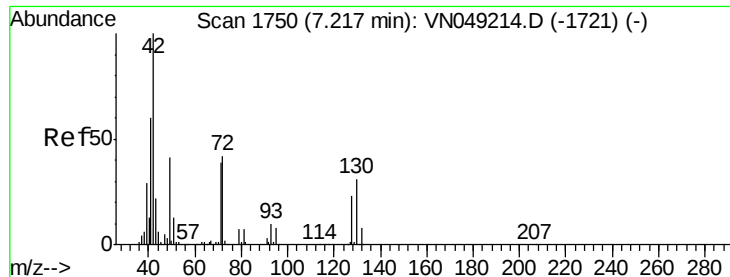


Abundance Ion 48.90 (48.60 to 49.60): VN049213.D (-1650) (-)

Ion 128.80 (128.50 to 129.50): VN049213.D (-1650) (-)

Ion 129.80 (129.50 to 130.50): VN049213.D (-1650) (-)





#29

Tetrahydrofuran

Concen: 97.18 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

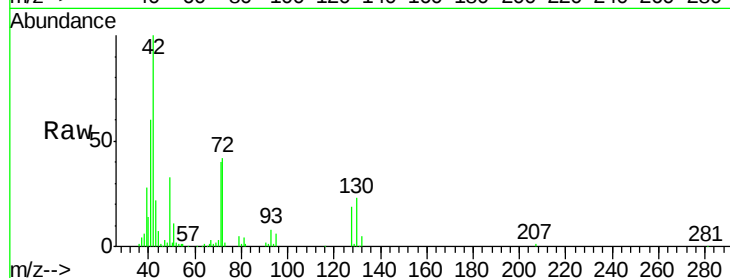
Tgt Ion: 42 Resp: 289448

Ion Ratio Lower Upper

42 100

72 40.7 32.2 48.4

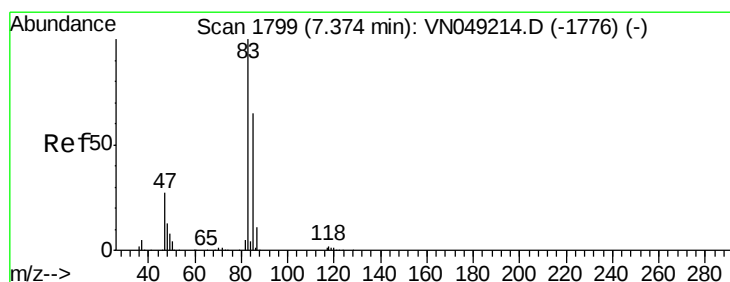
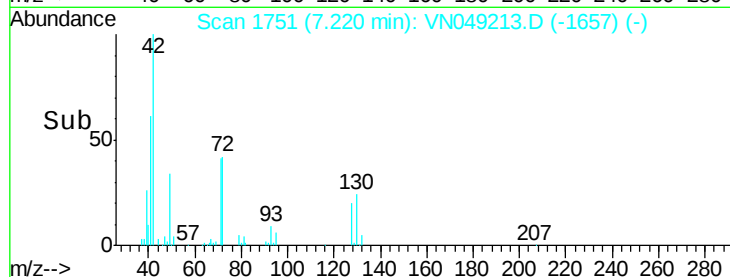
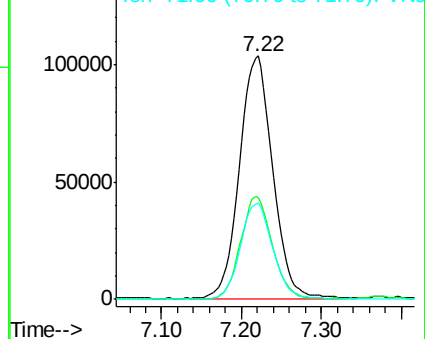
71 38.9 30.5 45.7



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 20.76 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN049213.D

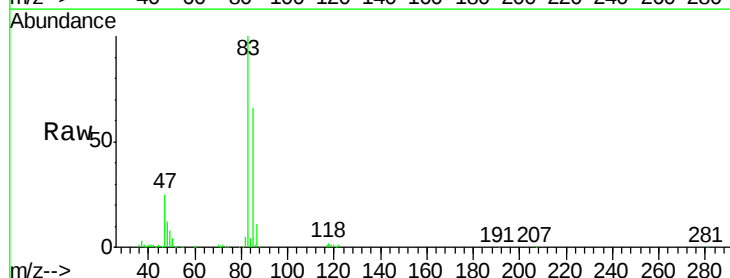
Acq: 13 Jun 2018 21:01

Tgt Ion: 83 Resp: 436759

Ion Ratio Lower Upper

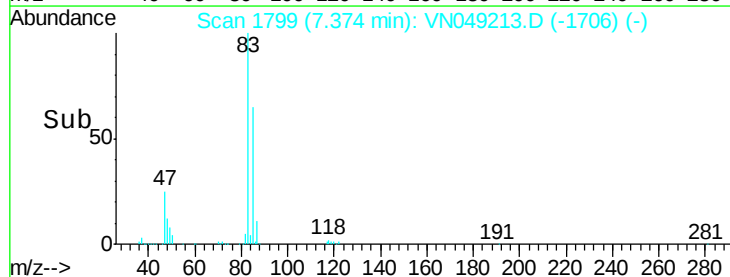
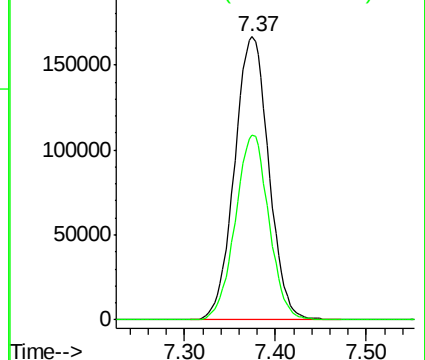
83 100

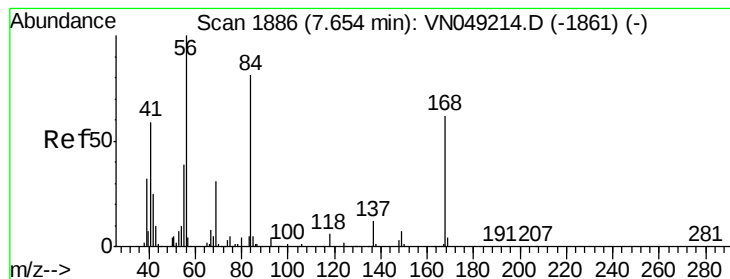
85 65.5 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 20.15 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

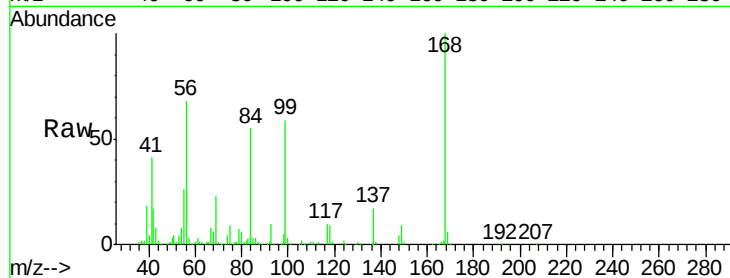
Tgt Ion: 56 Resp: 401941

Ion Ratio Lower Upper

56 100

69 33.4 25.0 37.4

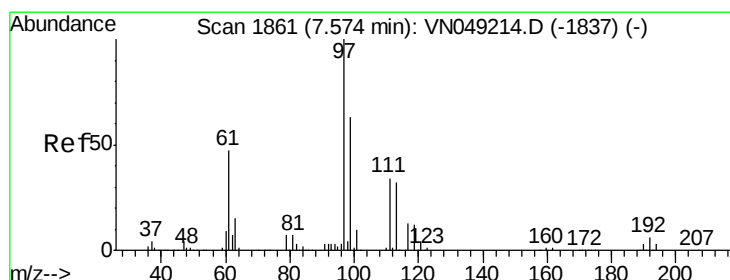
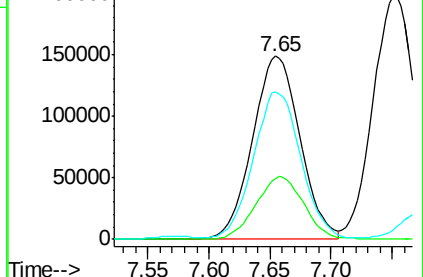
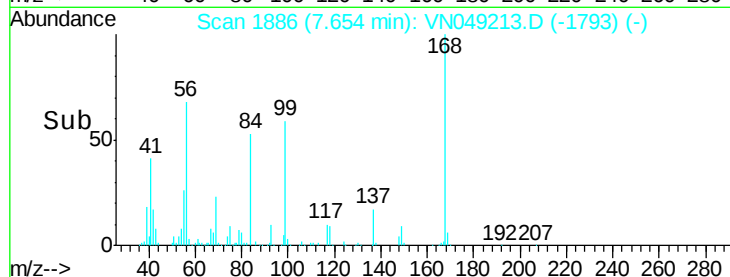
84 79.3 64.6 96.8



Abundance Ion 56.00 (55.70 to 56.70): VN049213.D (-1793) (-)

Ion 69.00 (68.70 to 69.70): VN049213.D (-1793) (-)

Ion 84.00 (83.70 to 84.70): VN049213.D (-1793) (-)



#32

1,1,1-Trichloroethane

Concen: 20.61 ug/l

RT: 7.57 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

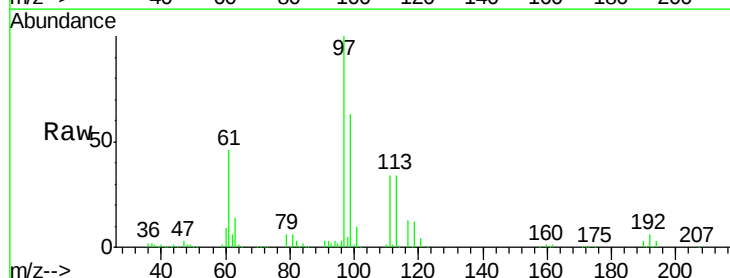
Tgt Ion: 97 Resp: 370390

Ion Ratio Lower Upper

97 100

99 64.4 50.5 75.7

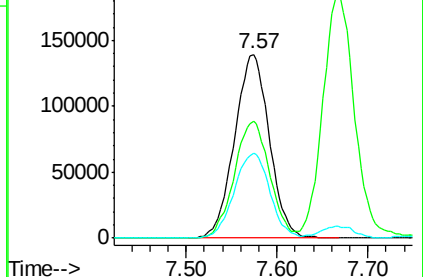
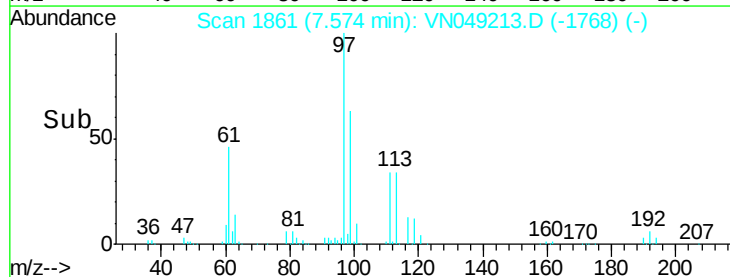
61 47.4 37.9 56.9

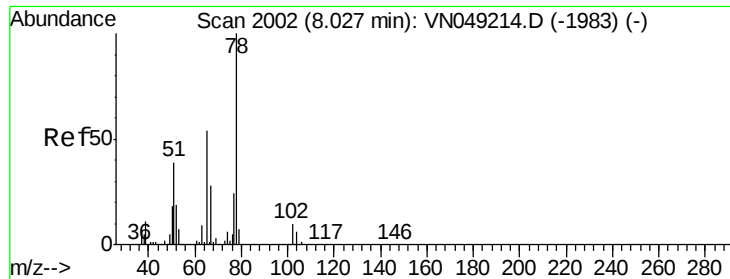


Abundance Ion 96.90 (96.60 to 97.60): VN049213.D (-1768) (-)

Ion 98.90 (98.60 to 99.60): VN049213.D (-1768) (-)

Ion 60.90 (60.60 to 61.60): VN049213.D (-1768) (-)

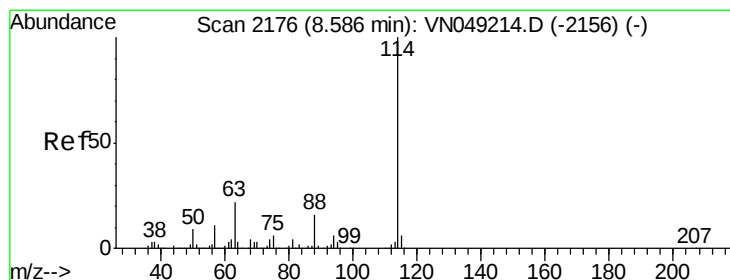
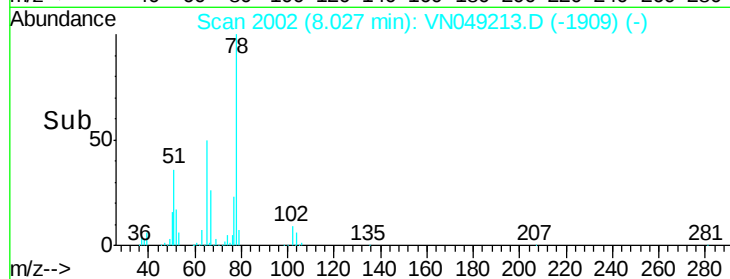
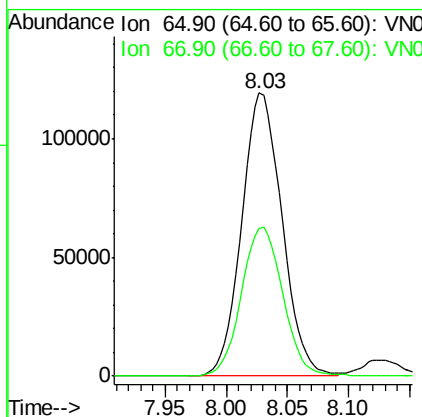
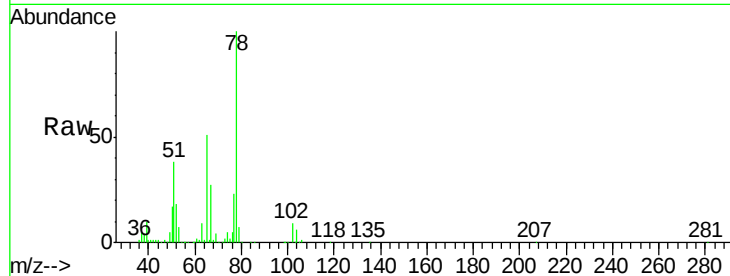




#33
 1,2-Dichloroethane-d4
 Concen: 20.91 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049213.D
 Acq: 13 Jun 2018 21:01

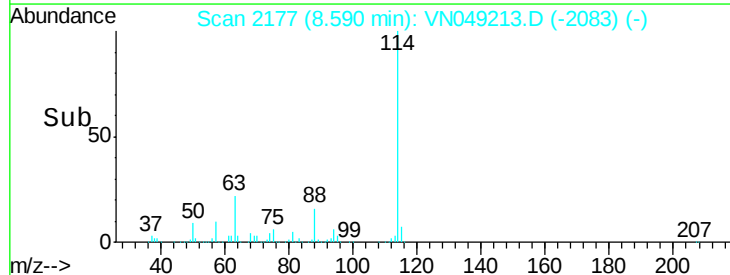
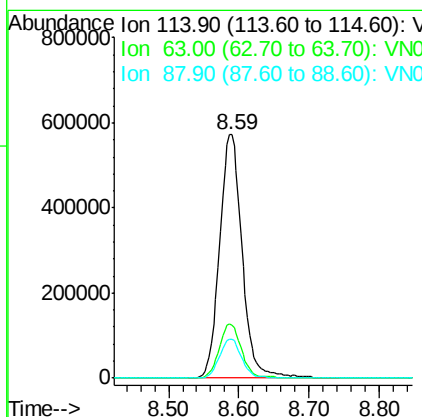
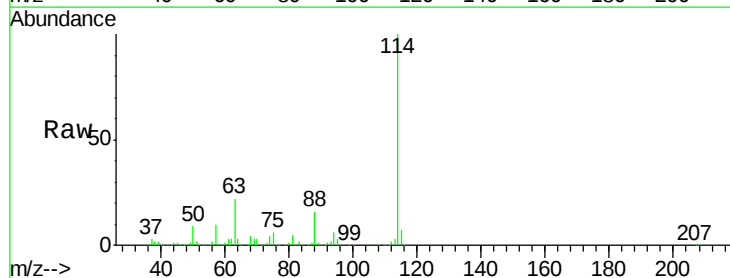
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

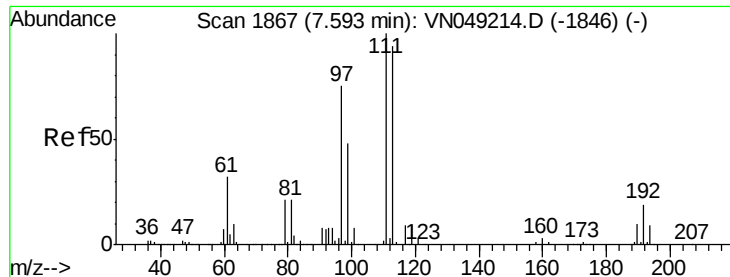
Tgt Ion: 65 Resp: 272722
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049213.D
 Acq: 13 Jun 2018 21:01

Tgt Ion: 114 Resp: 1279891
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.4
 88 16.0 0.0 31.4

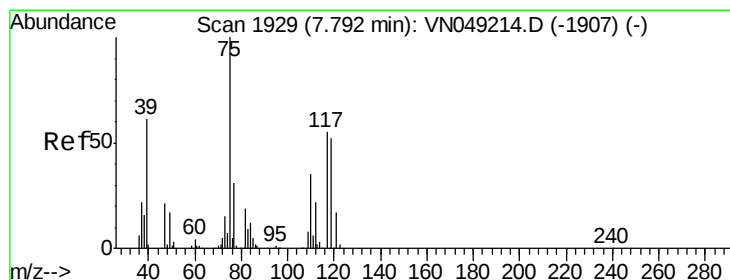
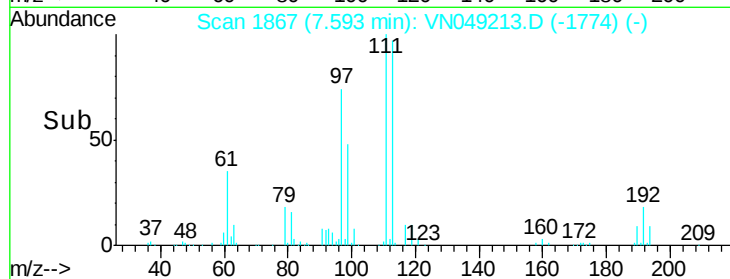
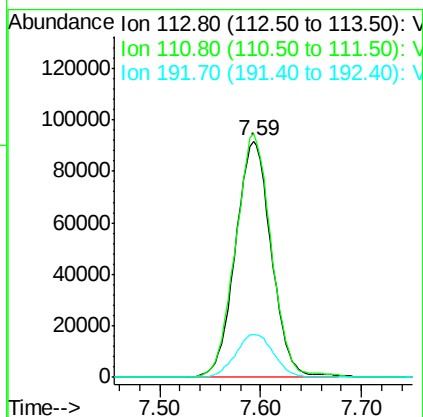
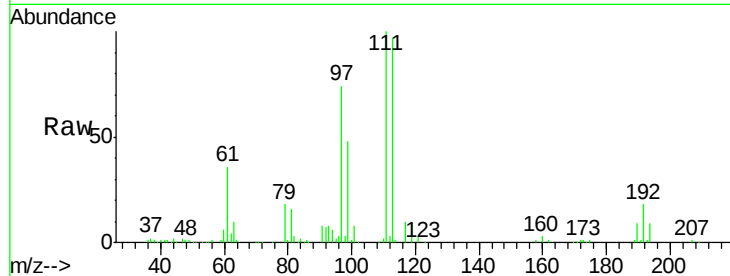




#35
 Dibromofluoromethane
 Concen: 21.38 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049213.D
 Acq: 13 Jun 2018 21:01

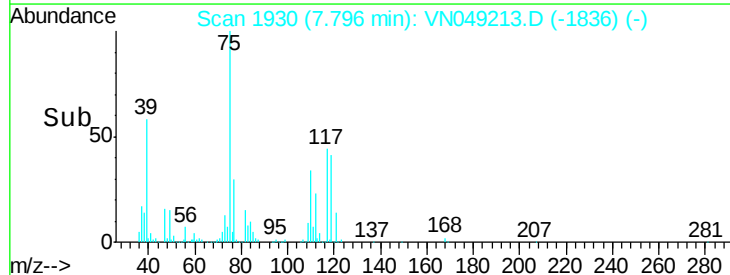
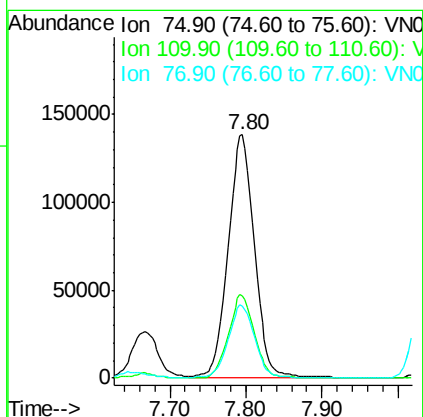
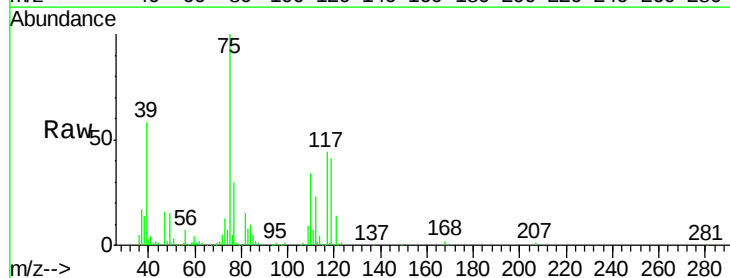
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

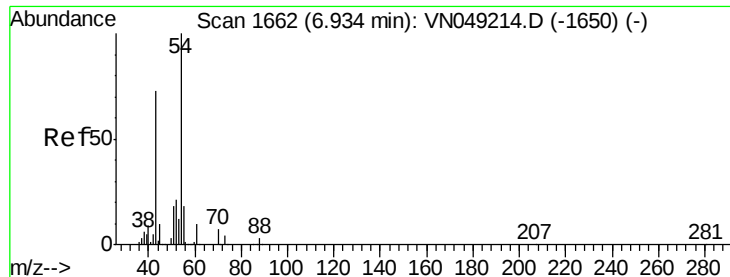
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.4	123.6
192	19.5	15.0	22.6



#36
 1,1-Dichloropropene
 Concen: 20.65 ug/l
 RT: 7.80 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VN049213.D
 Acq: 13 Jun 2018 21:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.1	17.0	50.9
77	30.2	24.4	36.6

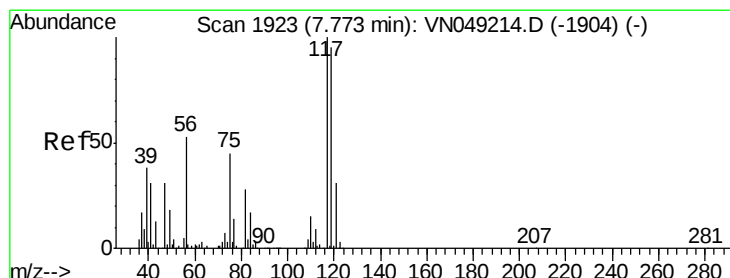
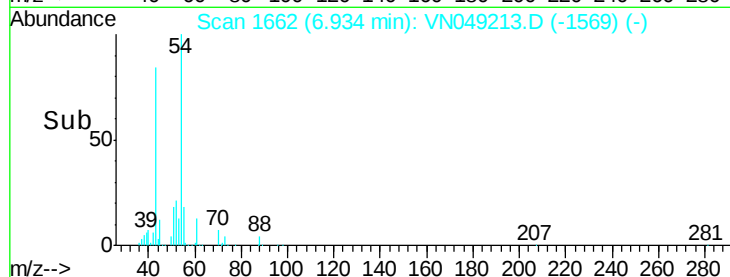
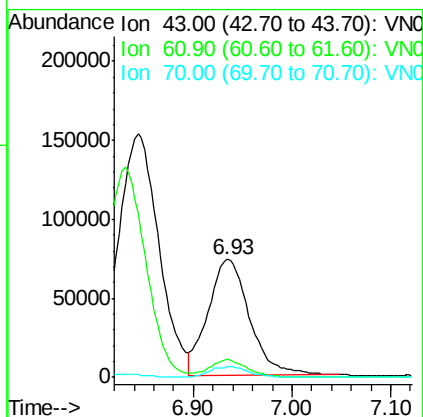
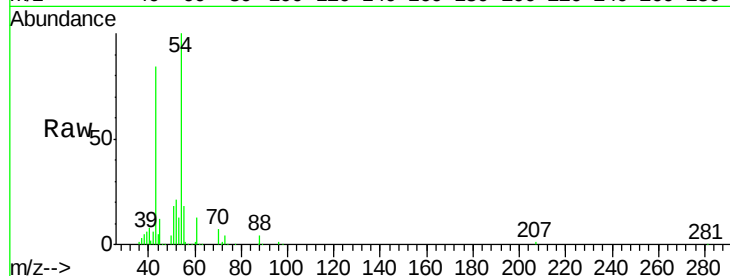




#37
Ethyl Acetate
Concen: 21.10 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049213.D
Acq: 13 Jun 2018 21:01

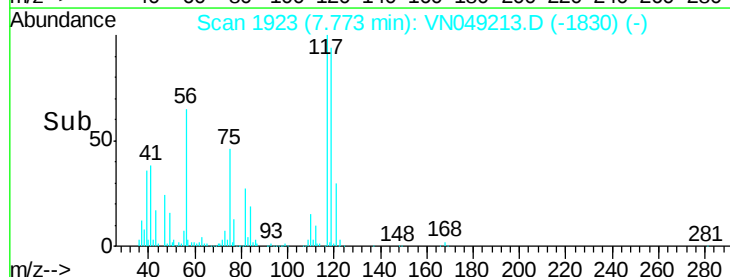
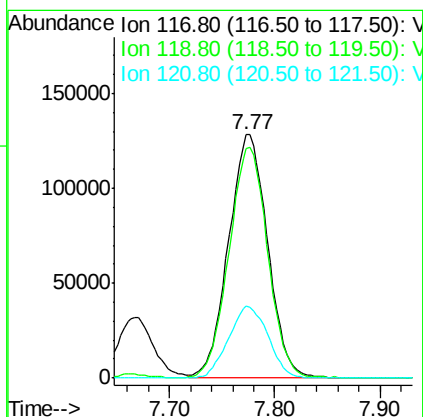
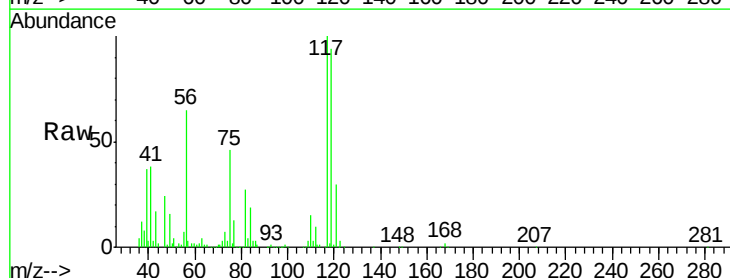
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

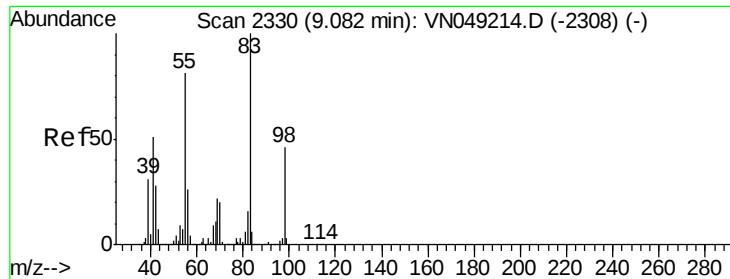
Tgt Ion: 43 Resp: 216653
Ion Ratio Lower Upper
43 100
61 13.2 11.0 16.4
70 8.9 7.2 10.8



#38
Carbon Tetrachloride
Concen: 20.92 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VN049213.D
Acq: 13 Jun 2018 21:01

Tgt Ion: 117 Resp: 328889
Ion Ratio Lower Upper
117 100
119 94.2 75.6 113.4
121 29.6 24.7 37.1

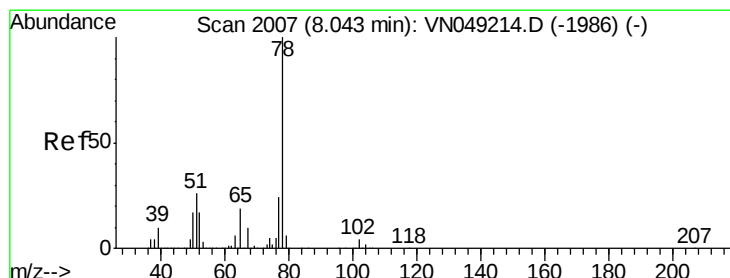
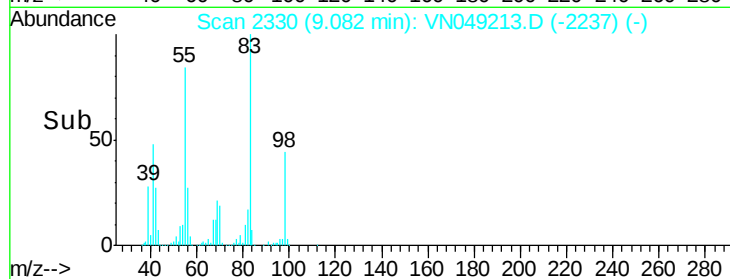
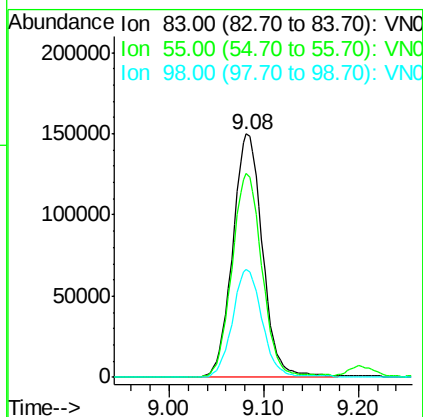
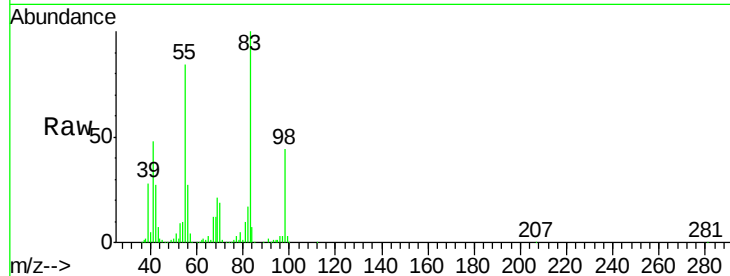




#39
Methylcyclohexane
Concen: 19.67 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049213.D
Acq: 13 Jun 2018 21:01

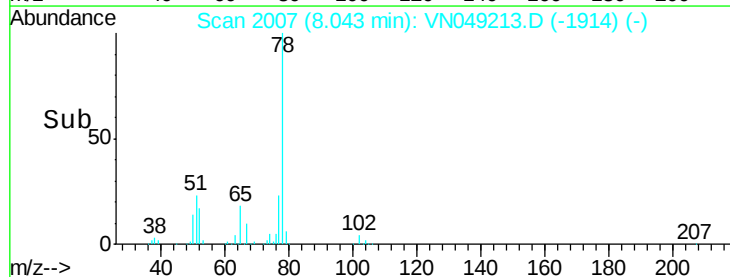
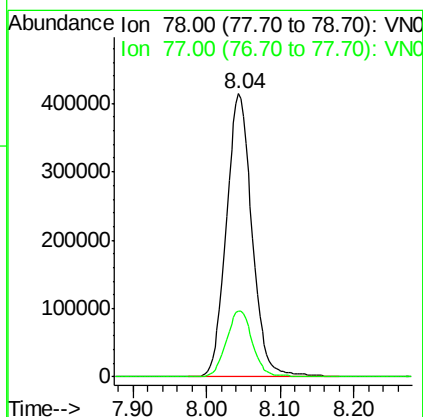
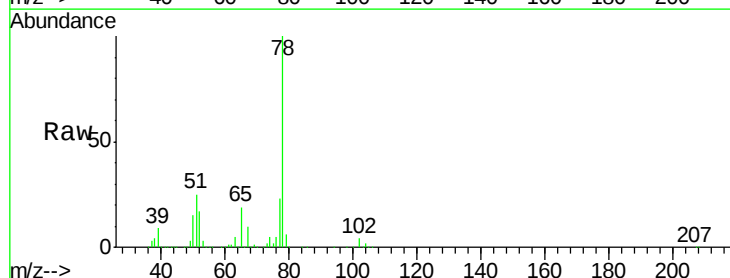
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

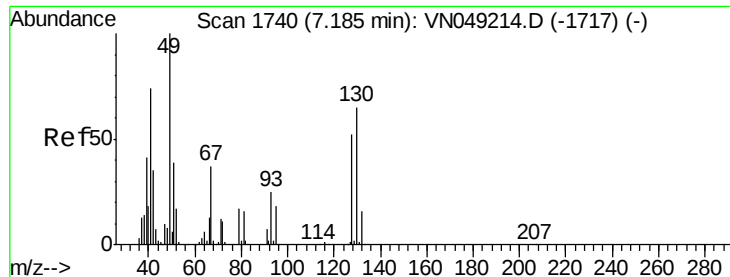
Tgt Ion: 83 Resp: 329070
Ion Ratio Lower Upper
83 100
55 83.7 65.1 97.7
98 44.5 36.5 54.7



#40
Benzene
Concen: 20.89 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049213.D
Acq: 13 Jun 2018 21:01

Tgt Ion: 78 Resp: 1002090
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0

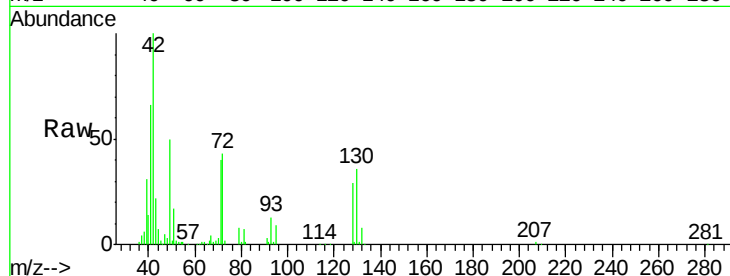




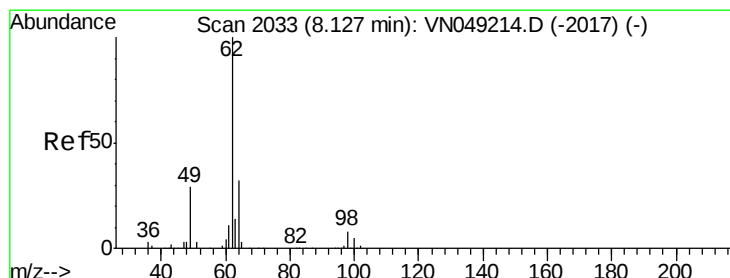
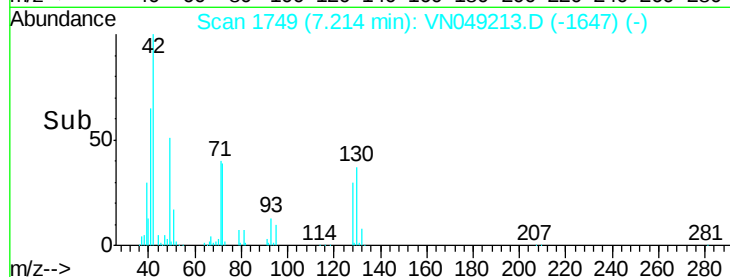
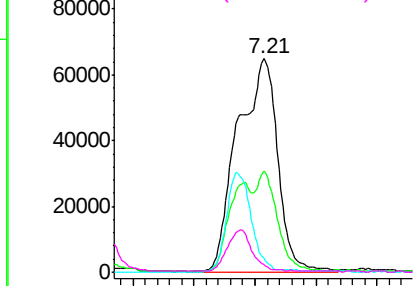
#41
Methacrylonitrile
Concen: 52.55 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. 0.03 min
Lab File: VN049213.D
Acq: 13 Jun 2018 21:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:	41	Resp:	296979
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

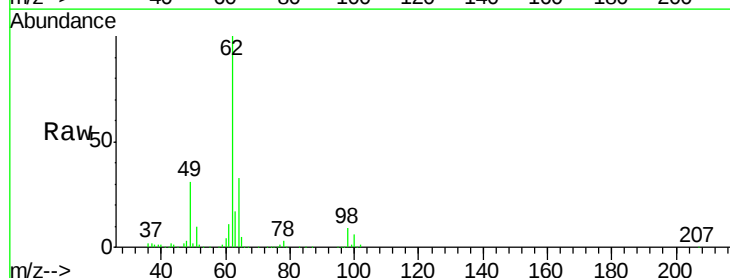


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

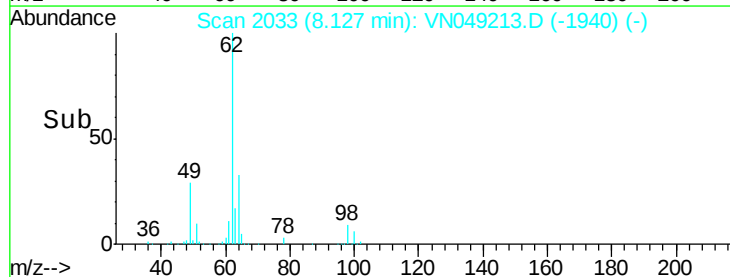
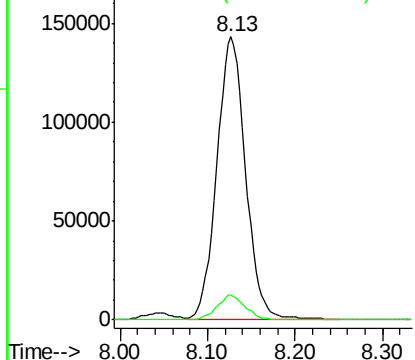


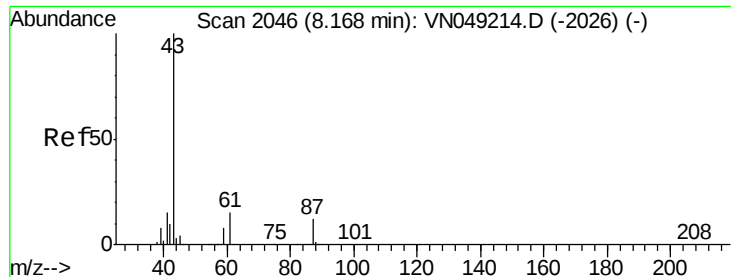
#42
1,2-Dichloroethane
Concen: 20.82 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049213.D
Acq: 13 Jun 2018 21:01

Tgt Ion:	62	Resp:	325042
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.2



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 19.30 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

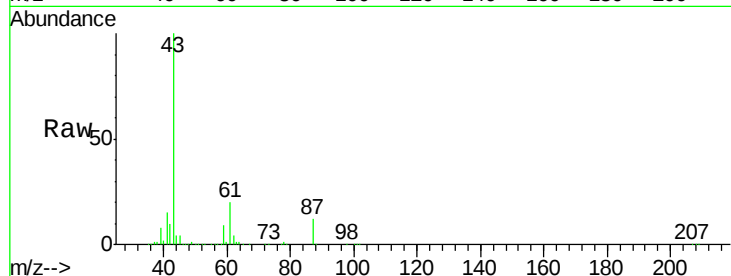
Tgt Ion: 43 Resp: 378115

Ion Ratio Lower Upper

43 100

61 18.2 14.2 21.4

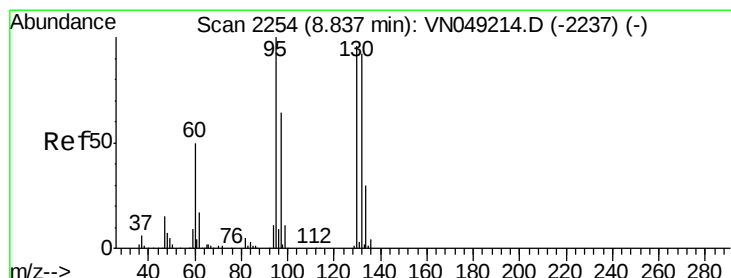
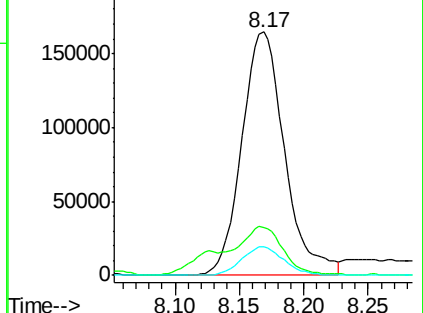
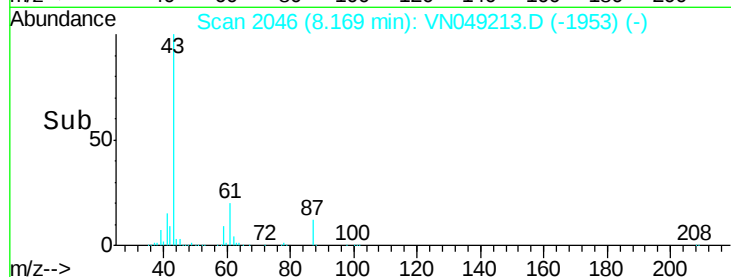
87 11.6 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VN049213.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN049213.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN049213.D (-1953) (-)



#44

Trichloroethene

Concen: 20.44 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049213.D

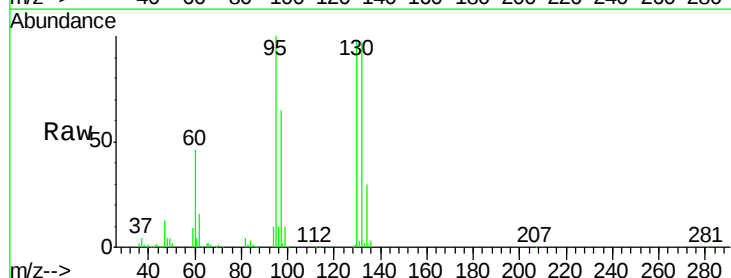
Acq: 13 Jun 2018 21:01

Tgt Ion: 130 Resp: 240073

Ion Ratio Lower Upper

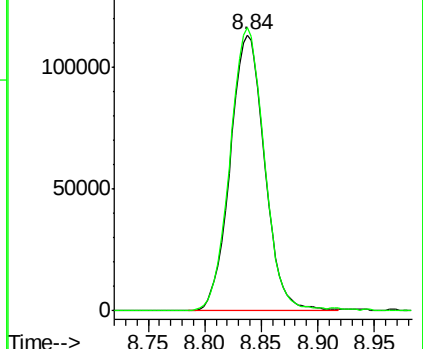
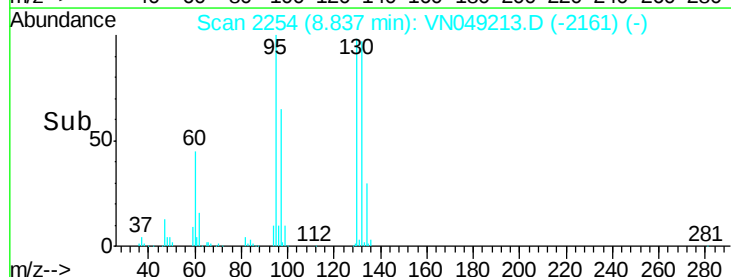
130 100

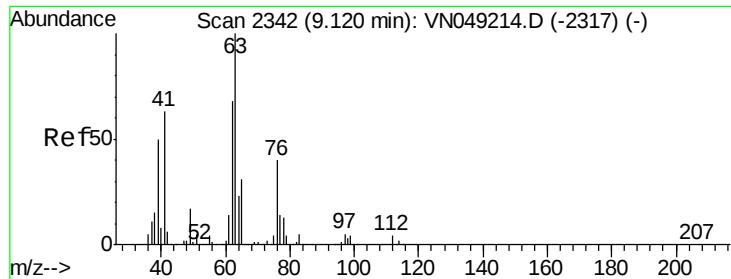
95 102.5 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): VN049213.D (-2161) (-)

Ion 94.90 (94.60 to 95.60): VN049213.D (-2161) (-)





#45

1,2-Dichloropropane

Concen: 20.93 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

Instrument :

MSVOA_N

ClientSampled :

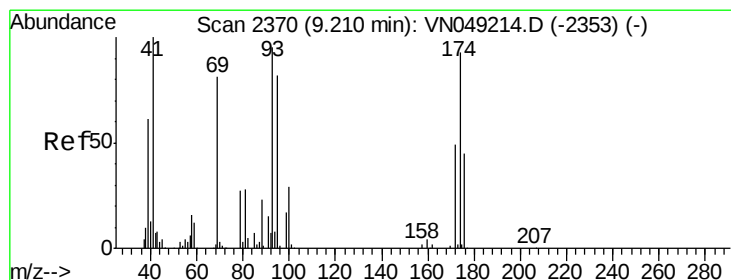
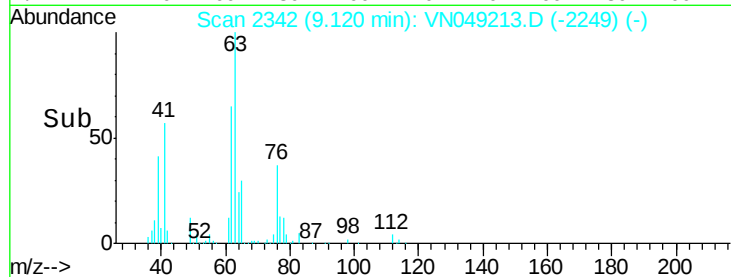
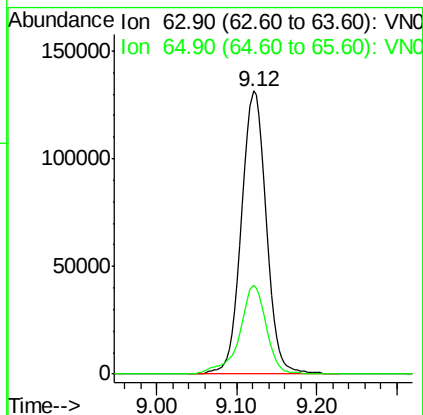
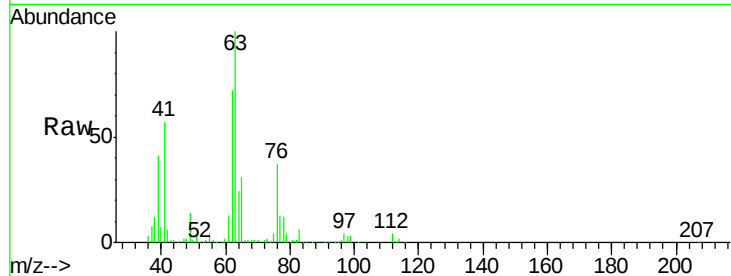
VSTDIC020

Tgt Ion: 63 Resp: 274958

Ion Ratio Lower Upper

63 100

65 31.3 24.8 37.2



#46

Dibromomethane

Concen: 20.13 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

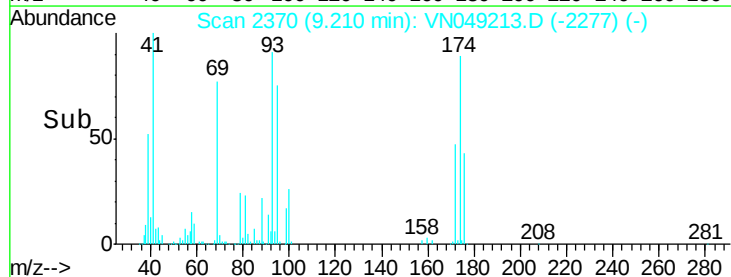
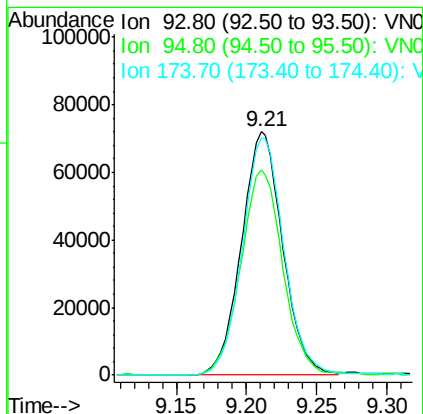
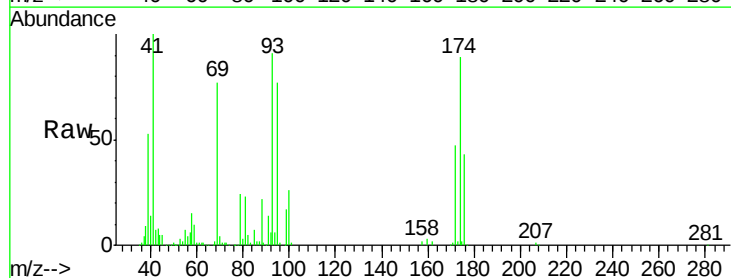
Tgt Ion: 93 Resp: 147342

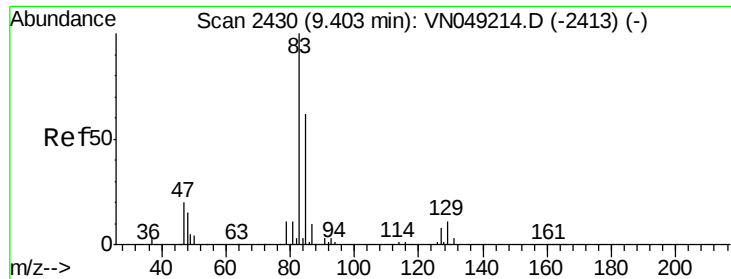
Ion Ratio Lower Upper

93 100

95 85.2 67.2 100.8

174 98.6 75.6 113.4





#47

Bromodichloromethane

Concen: 20.38 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

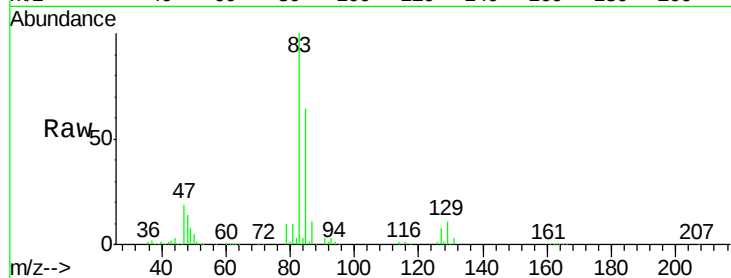
Tgt Ion: 83 Resp: 330894

Ion Ratio Lower Upper

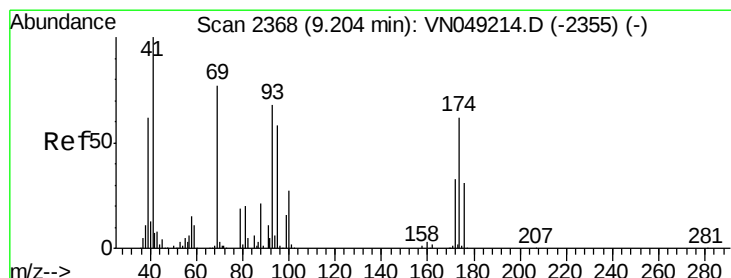
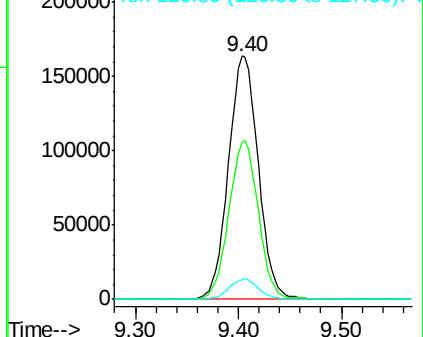
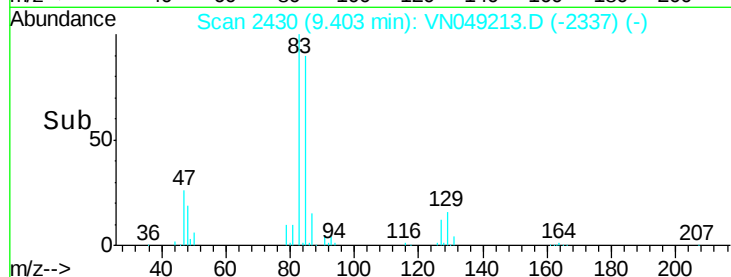
83 100

85 64.3 49.4 74.0

127 8.3 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN049213.D (-2337) (-)



#48

Methyl methacrylate

Concen: 19.39 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

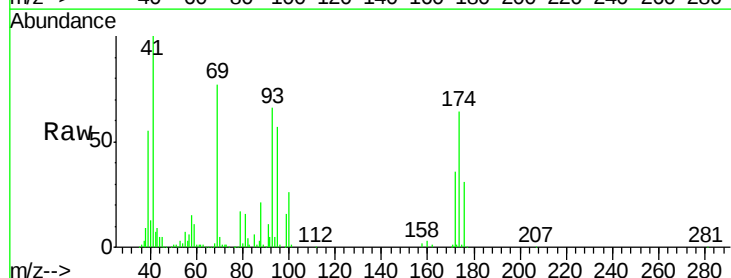
Tgt Ion: 41 Resp: 181264

Ion Ratio Lower Upper

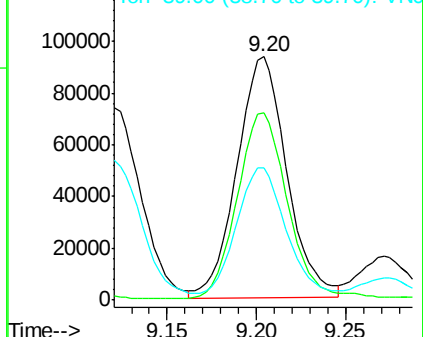
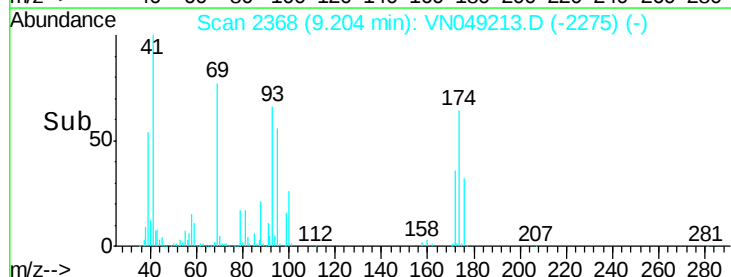
41 100

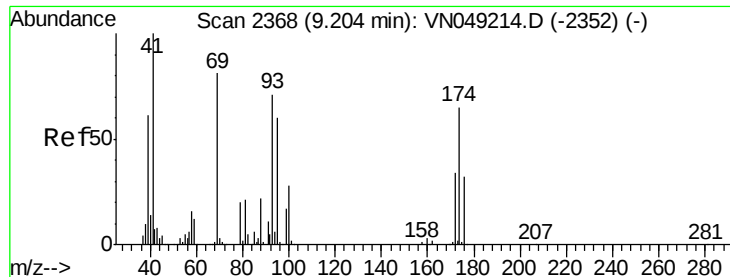
69 78.2 62.0 93.0

39 56.3 50.6 75.8



Abundance Ion 41.00 (40.70 to 41.70): VN049213.D (-2275) (-)





#49

1,4-Dioxane

Concen: 387.26 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

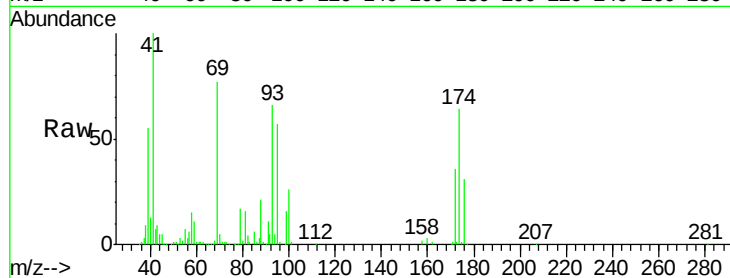
Tgt Ion: 88 Resp: 40649

Ion Ratio Lower Upper

88 100

43 35.7 30.9 46.3

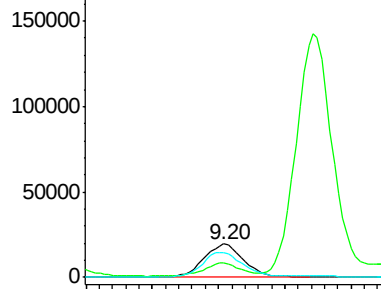
58 77.6 58.9 88.3



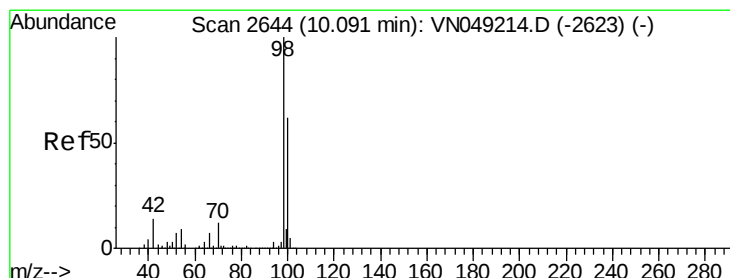
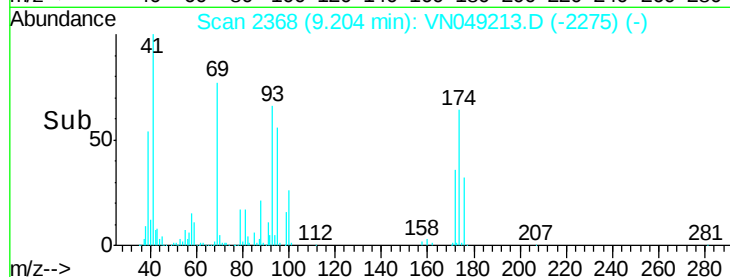
Abundance Ion 88.00 (87.70 to 88.70): VN049213.D (-2275) (-)

Ion 43.00 (42.70 to 43.70): VN049213.D (-2275) (-)

Ion 58.00 (57.70 to 58.70): VN049213.D (-2275) (-)



Time-->



#50

Toluene-d8

Concen: 21.04 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049213.D

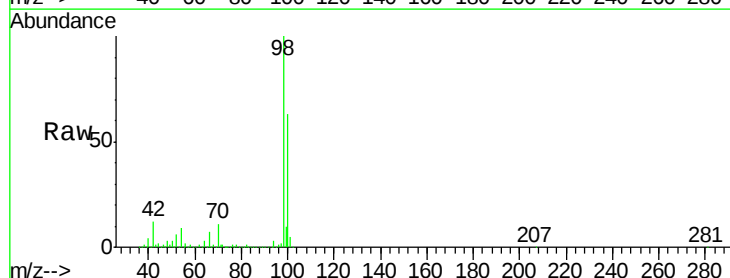
Acq: 13 Jun 2018 21:01

Tgt Ion: 98 Resp: 857400

Ion Ratio Lower Upper

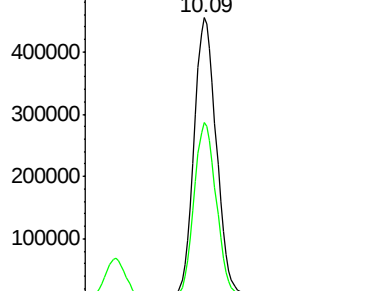
98 100

100 63.5 49.8 74.8

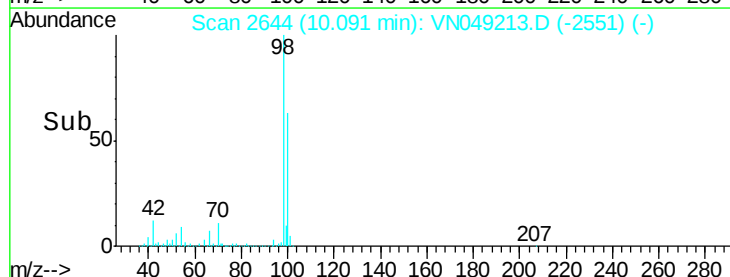


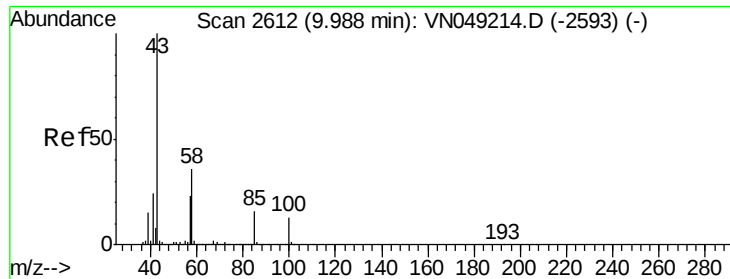
Abundance Ion 98.00 (97.70 to 98.70): VN049213.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN049213.D (-2551) (-)



Time-->

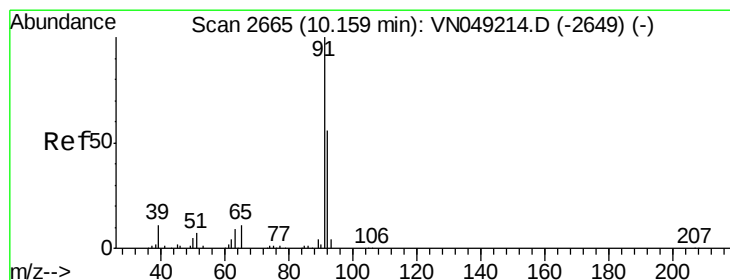
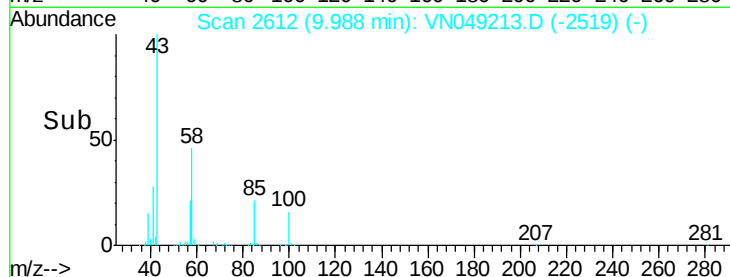
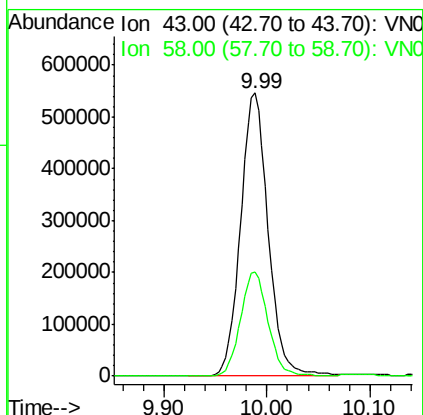
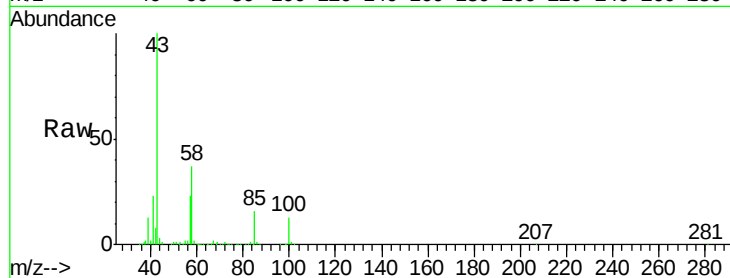




#51
4-Methyl-2-Pentanone
Concen: 98.23 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049213.D
Acq: 13 Jun 2018 21:01

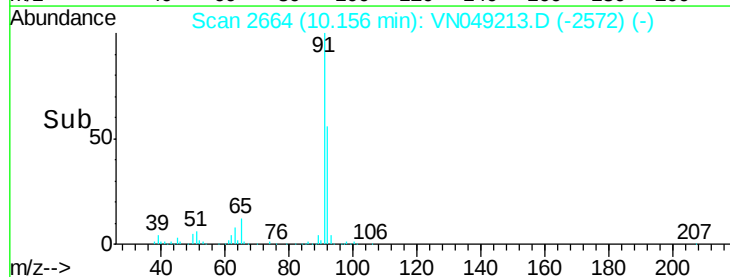
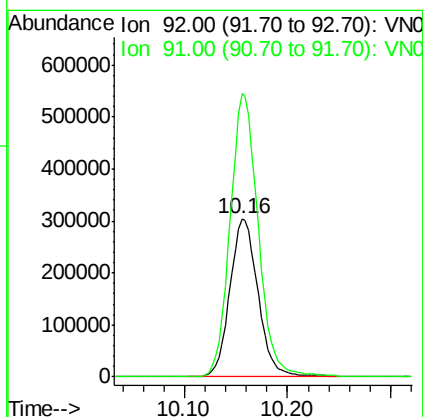
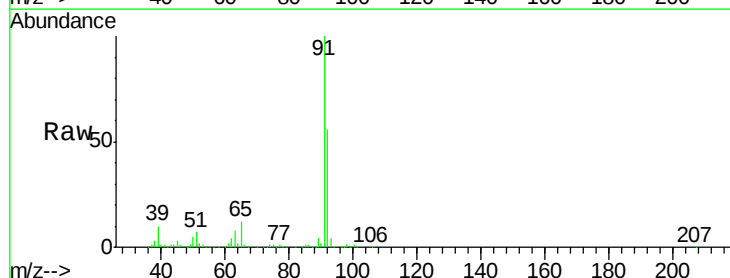
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

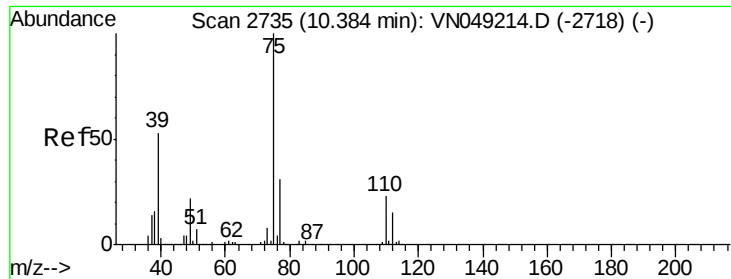
Tgt Ion: 43 Resp: 1016471
Ion Ratio Lower Upper
43 100
58 36.7 29.0 43.6



#52
Toluene
Concen: 20.19 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. -0.00 min
Lab File: VN049213.D
Acq: 13 Jun 2018 21:01

Tgt Ion: 92 Resp: 580541
Ion Ratio Lower Upper
92 100
91 178.6 143.4 215.2

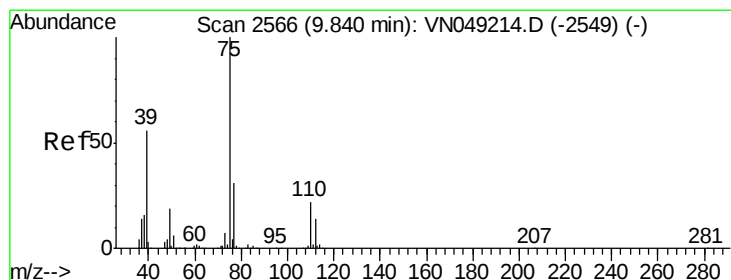
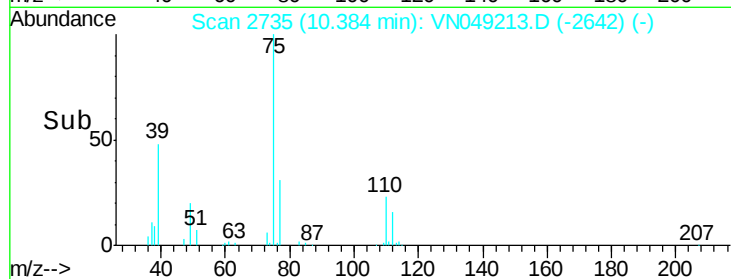
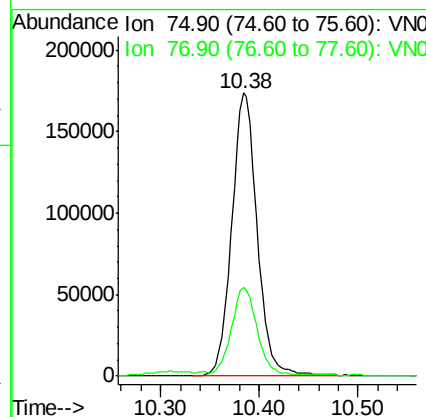
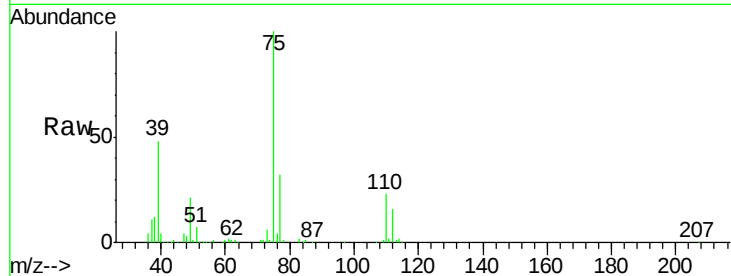




#53
t-1,3-Dichloropropene
Concen: 19.36 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VN049213.D
Acq: 13 Jun 2018 21:01

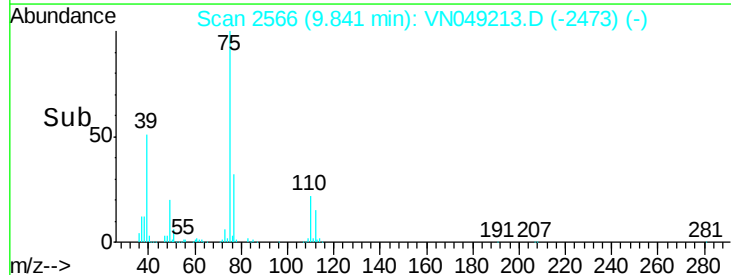
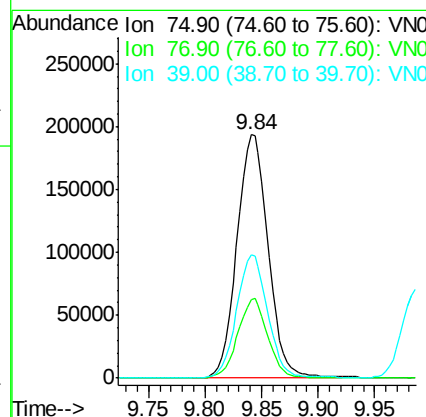
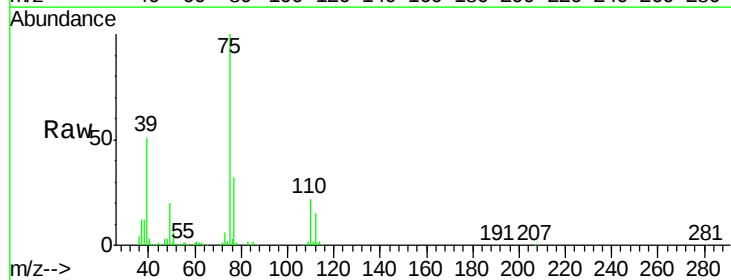
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

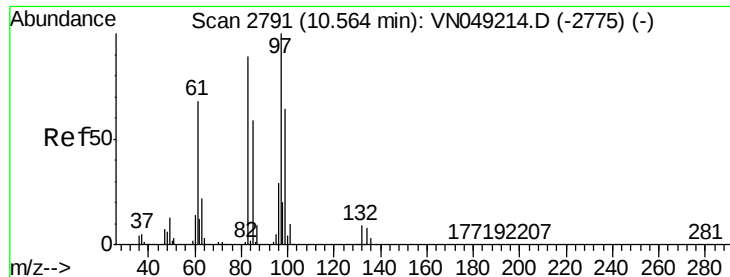
Tgt Ion: 75 Resp: 313560
Ion Ratio Lower Upper
75 100
77 31.1 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 19.81 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VN049213.D
Acq: 13 Jun 2018 21:01

Tgt Ion: 75 Resp: 372639
Ion Ratio Lower Upper
75 100
77 32.2 24.8 37.2
39 50.7 45.1 67.7

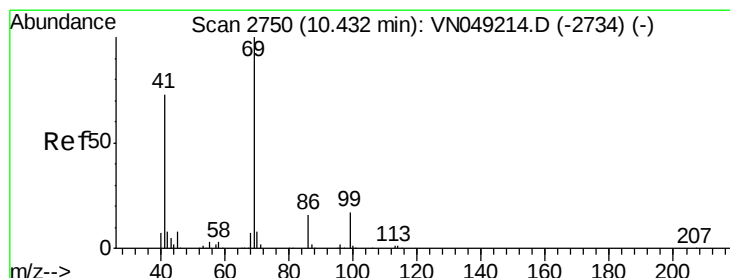
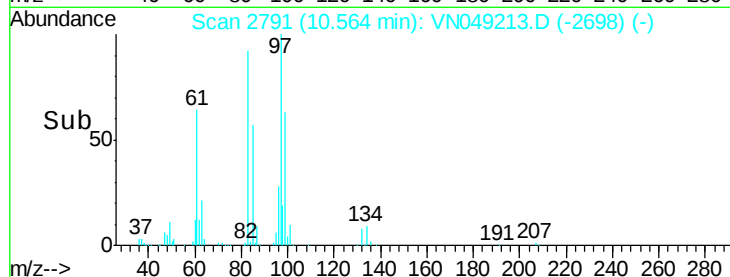
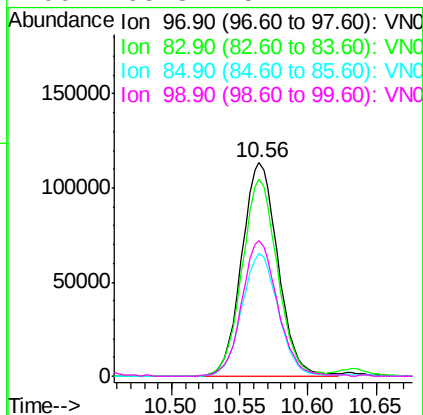
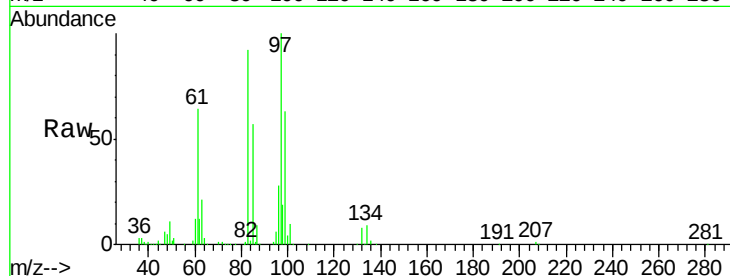




#55
 1,1,2-Trichloroethane
 Concen: 20.44 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049213.D
 Acq: 13 Jun 2018 21:01

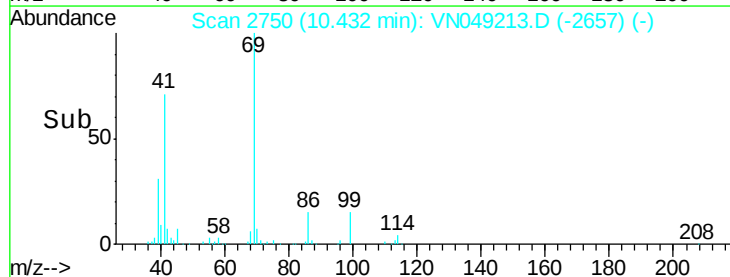
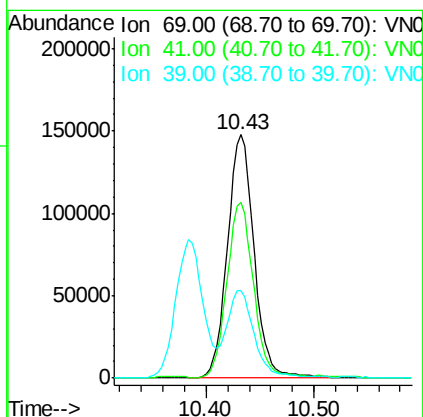
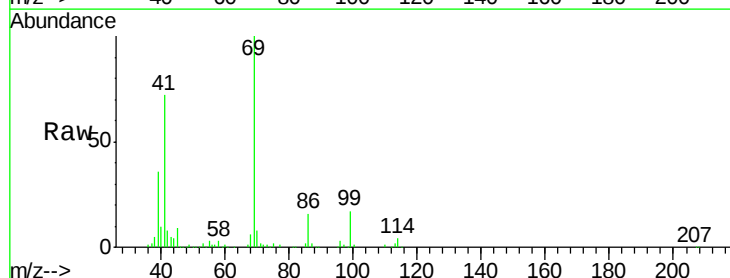
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

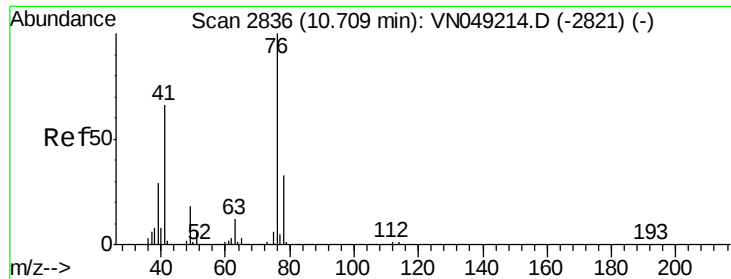
Tgt Ion: 97 Resp: 209473
 Ion Ratio Lower Upper
 97 100
 83 92.4 71.5 107.3
 85 57.5 47.0 70.4
 99 63.3 51.4 77.2



#56
 Ethyl methacrylate
 Concen: 19.10 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049213.D
 Acq: 13 Jun 2018 21:01

Tgt Ion: 69 Resp: 254224
 Ion Ratio Lower Upper
 69 100
 41 71.3 58.4 87.6
 39 36.8 35.5 53.3

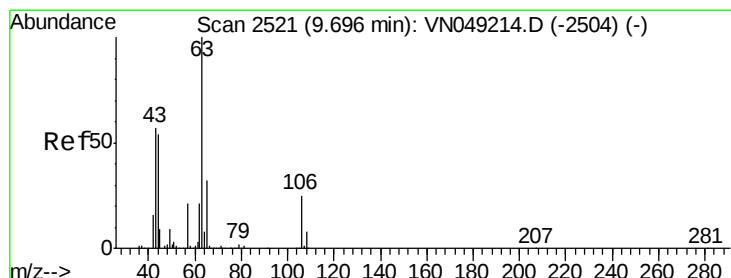
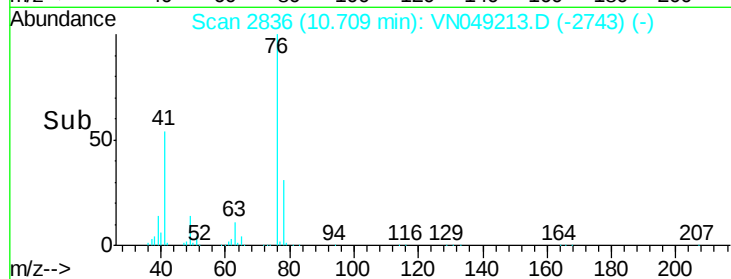
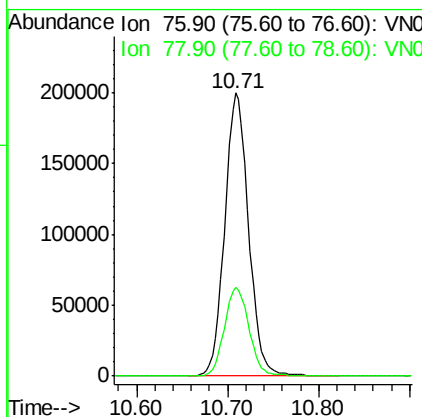
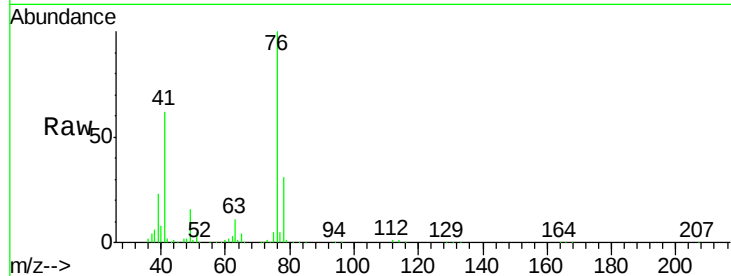




#57
 1,3-Dichloropropane
 Concen: 20.35 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN049213.D
 Acq: 13 Jun 2018 21:01

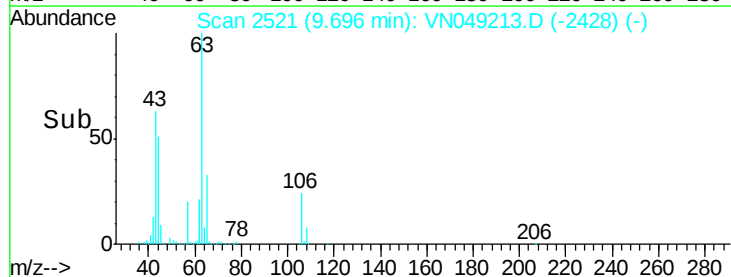
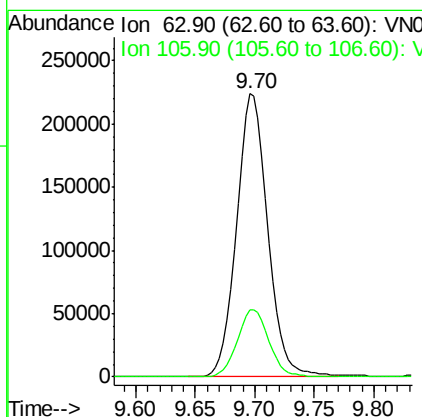
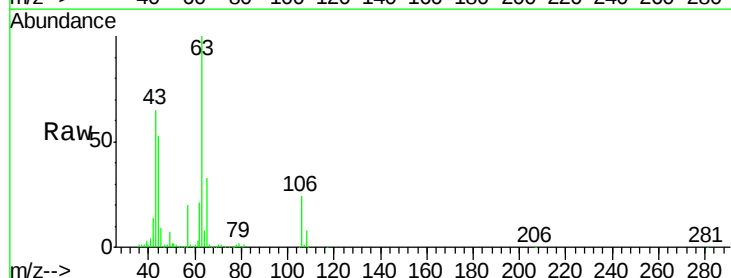
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

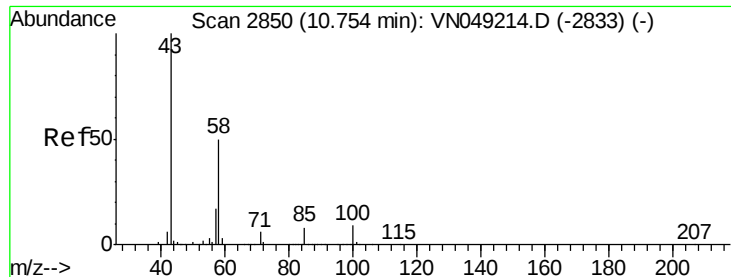
Tgt Ion: 76 Resp: 363189
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.32 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN049213.D
 Acq: 13 Jun 2018 21:01

Tgt Ion: 63 Resp: 406323
 Ion Ratio Lower Upper
 63 100
 106 24.1 19.4 29.2

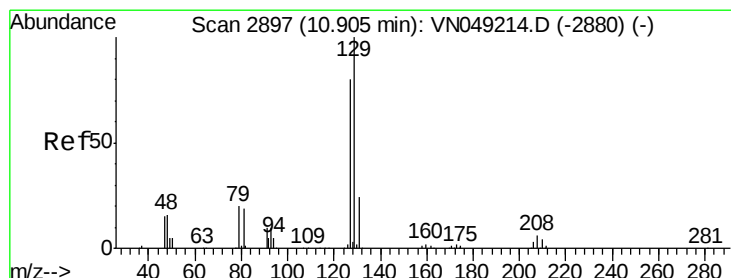
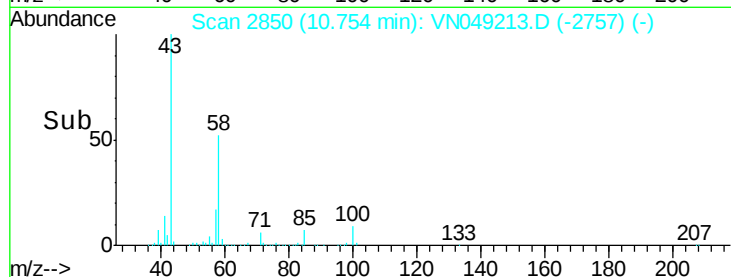
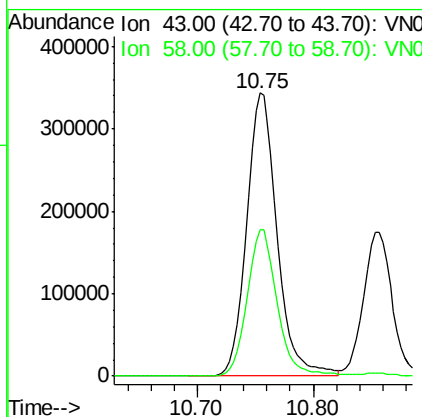
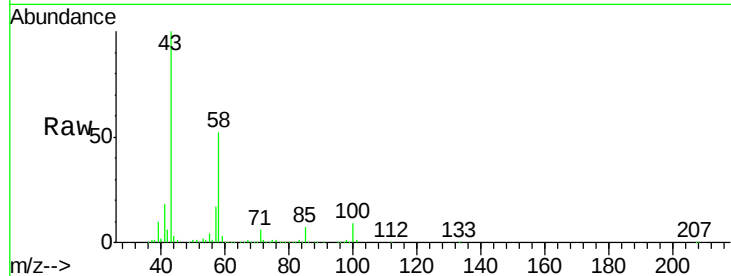




#59
2-Hexanone
Concen: 94.17 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049213.D
Acq: 13 Jun 2018 21:01

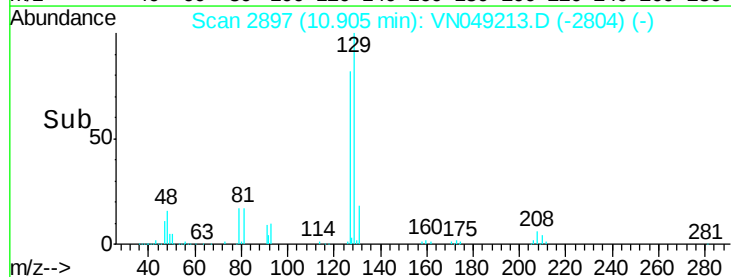
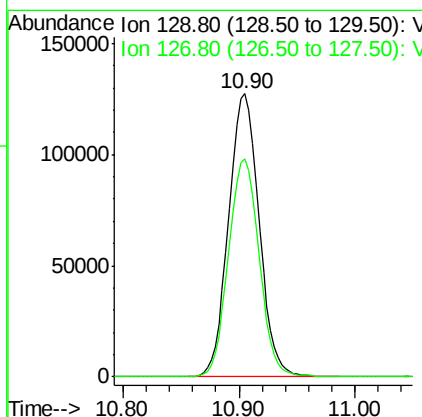
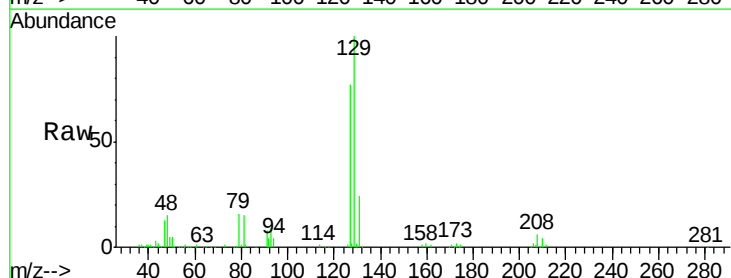
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

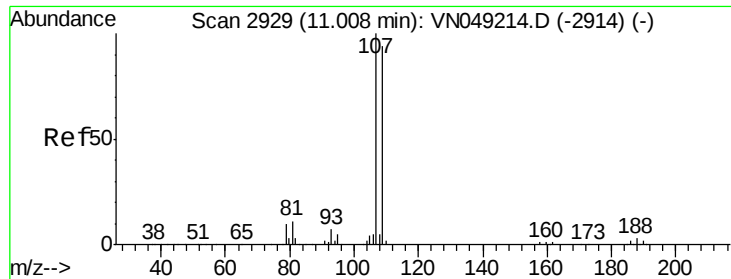
Tgt Ion: 43 Resp: 627209
Ion Ratio Lower Upper
43 100
58 51.3 25.2 75.6



#60
Dibromochloromethane
Concen: 20.25 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049213.D
Acq: 13 Jun 2018 21:01

Tgt Ion: 129 Resp: 231702
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2

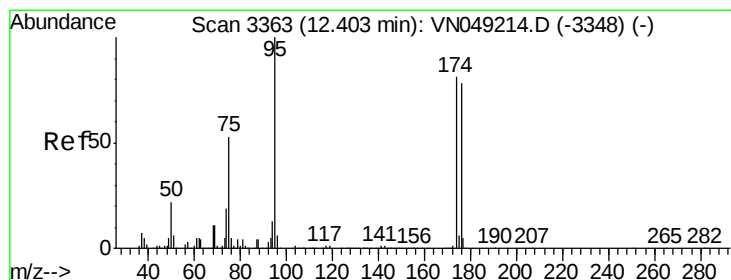
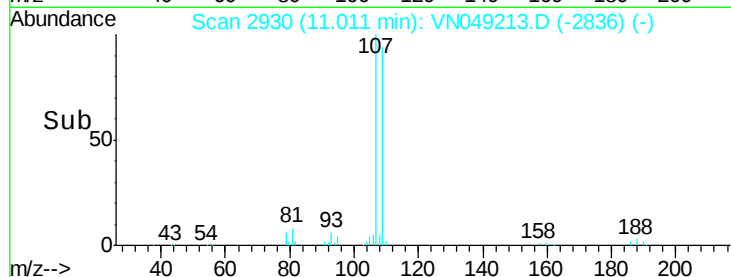
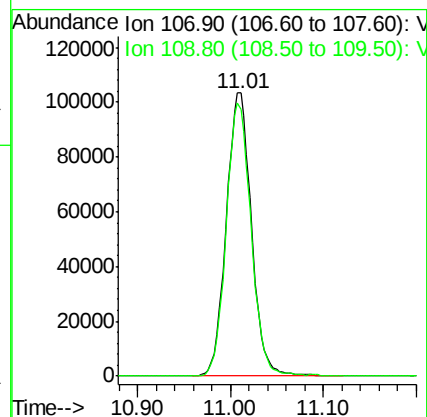
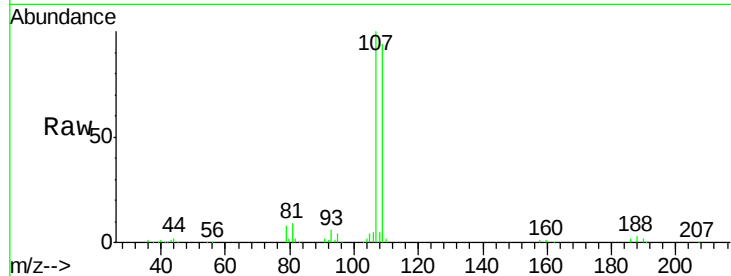




#61
 1,2-Dibromoethane
 Concen: 20.23 ug/l
 RT: 11.01 min Scan# 2930
 Delta R.T. 0.00 min
 Lab File: VN049213.D
 Acq: 13 Jun 2018 21:01

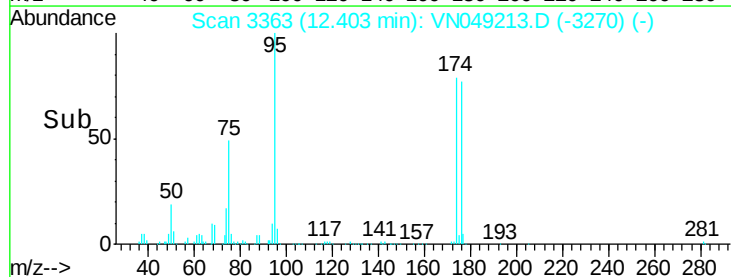
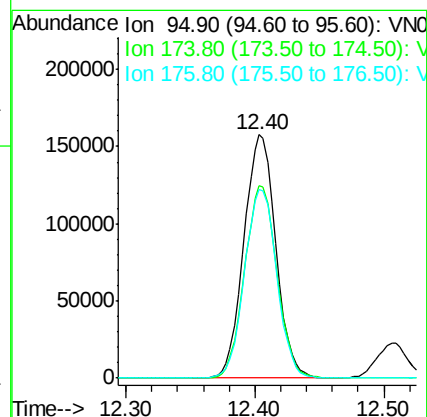
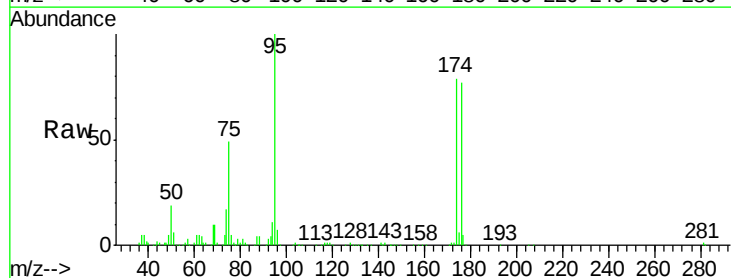
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

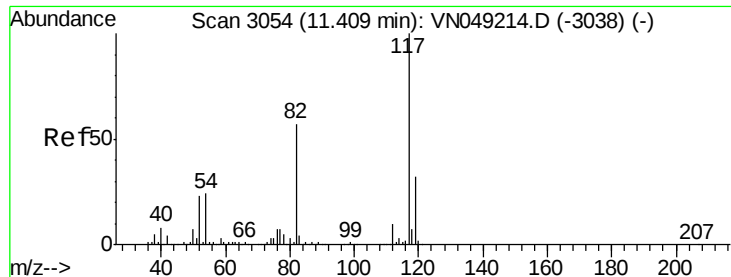
Tgt Ion: 107 Resp: 194062
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 20.03 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049213.D
 Acq: 13 Jun 2018 21:01

Tgt Ion: 95 Resp: 271212
 Ion Ratio Lower Upper
 95 100
 174 80.4 0.0 165.6
 176 78.2 0.0 157.4

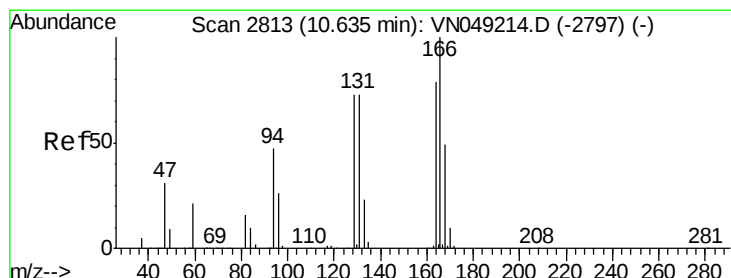
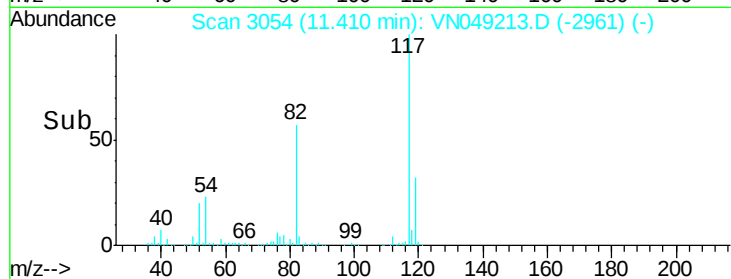
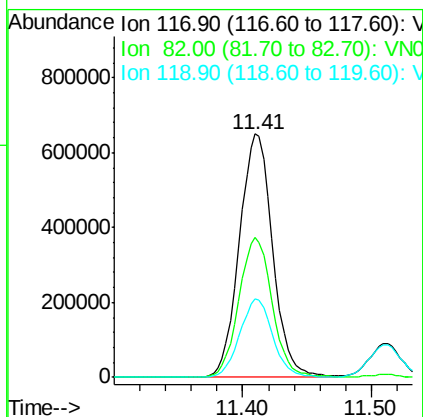
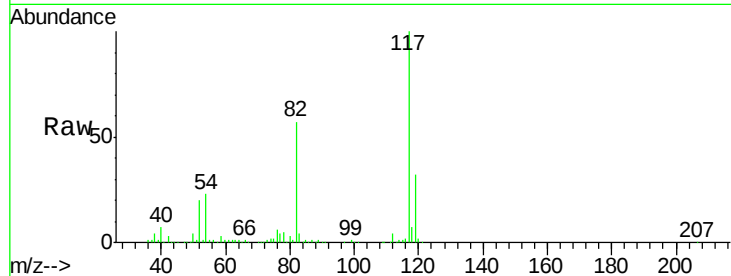




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049213.D
Acq: 13 Jun 2018 21:01

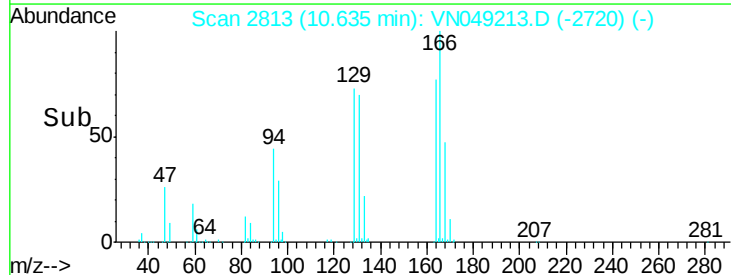
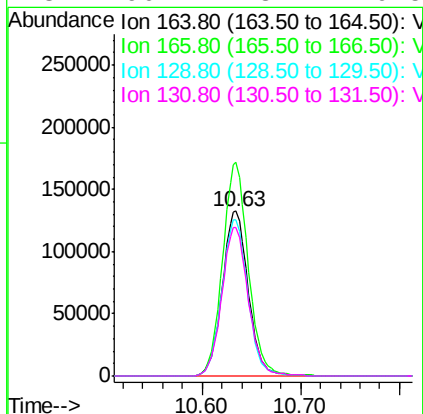
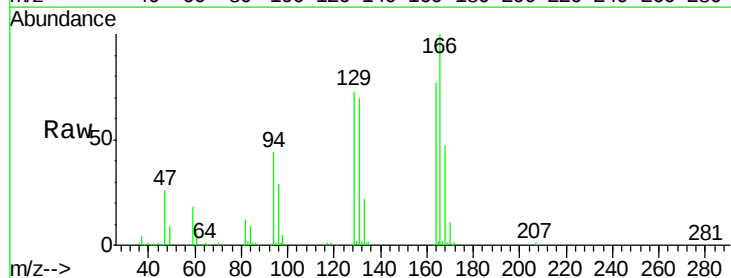
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

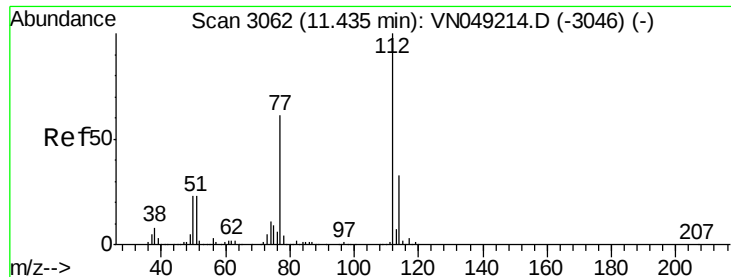
Tgt Ion:117 Resp: 1168966
Ion Ratio Lower Upper
117 100
82 57.2 45.9 68.9
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 21.63 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN049213.D
Acq: 13 Jun 2018 21:01

Tgt Ion:164 Resp: 244551
Ion Ratio Lower Upper
164 100
166 129.4 101.4 152.2
129 94.5 74.1 111.1
131 90.1 73.7 110.5

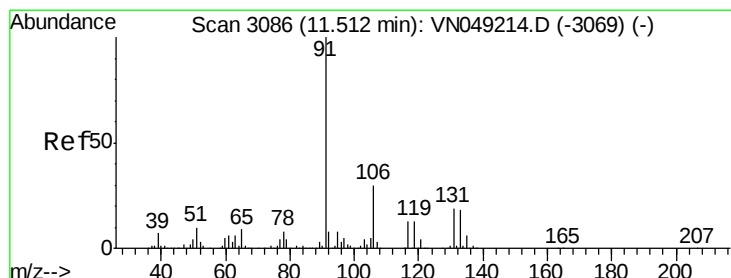
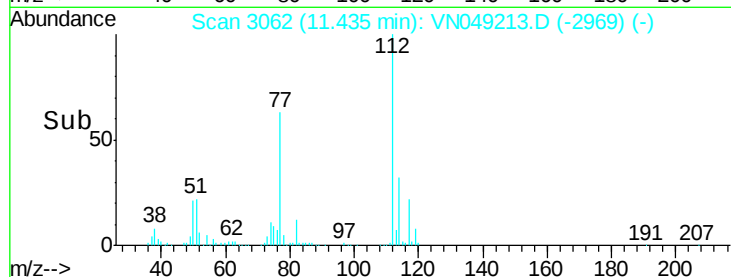
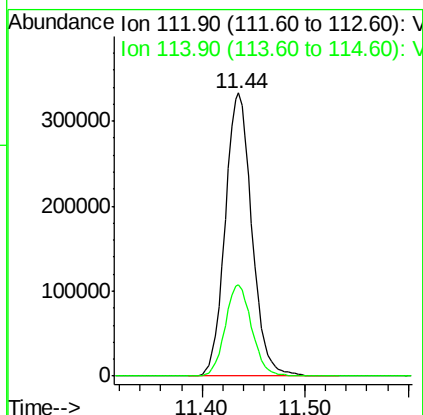
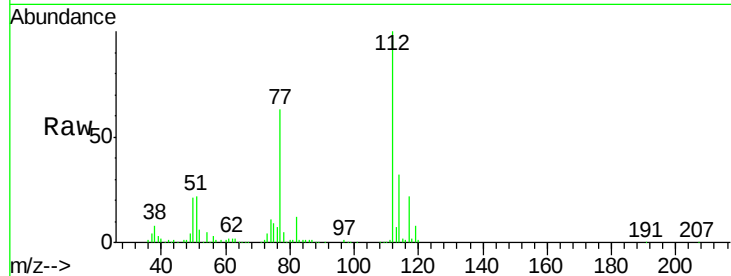




#65
Chlorobenzene
Concen: 19.95 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049213.D
Acq: 13 Jun 2018 21:01

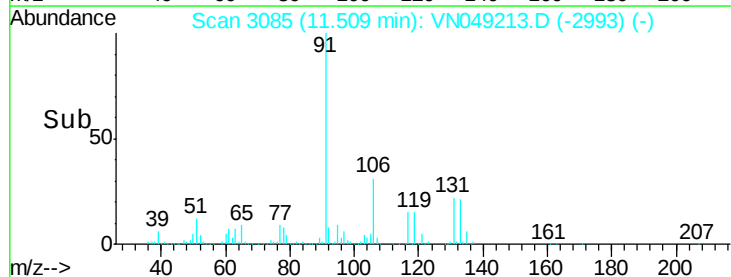
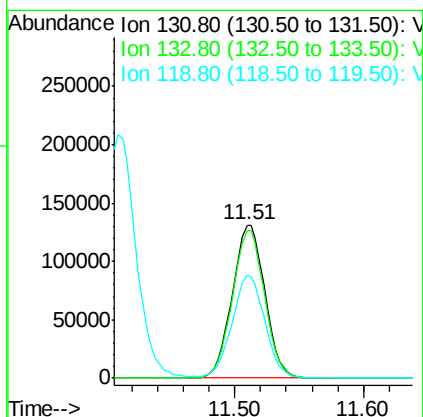
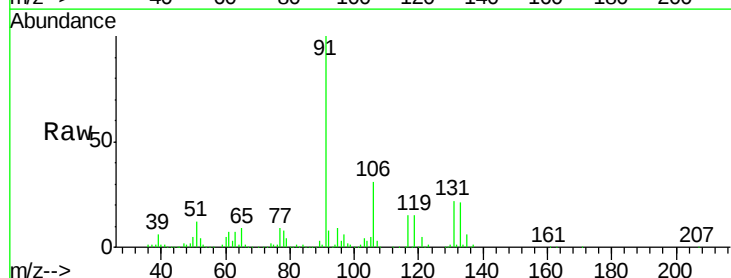
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

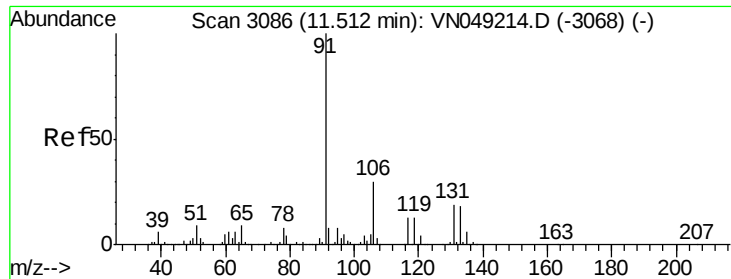
Tgt Ion:112 Resp: 600118
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.47 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN049213.D
Acq: 13 Jun 2018 21:01

Tgt Ion:131 Resp: 229770
Ion Ratio Lower Upper
131 100
133 95.9 48.0 144.2
119 67.6 33.6 100.8





#67

Ethyl Benzene

Concen: 19.77 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

Instrument :

MSVOA_N

ClientSampled :

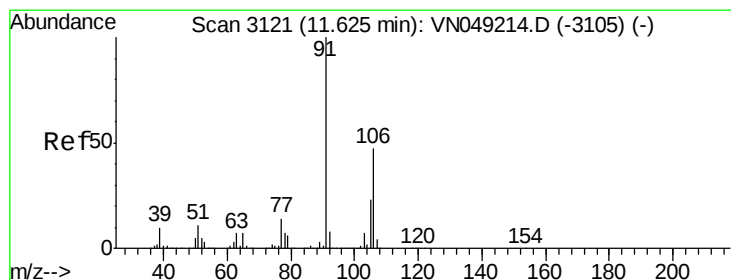
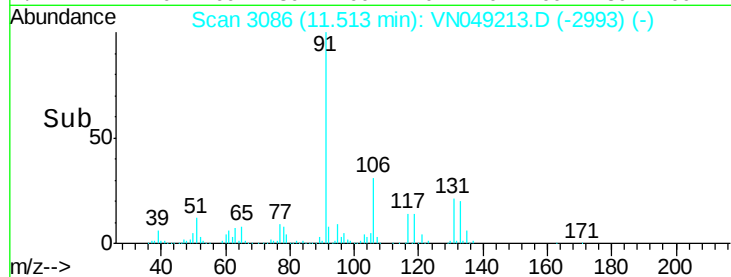
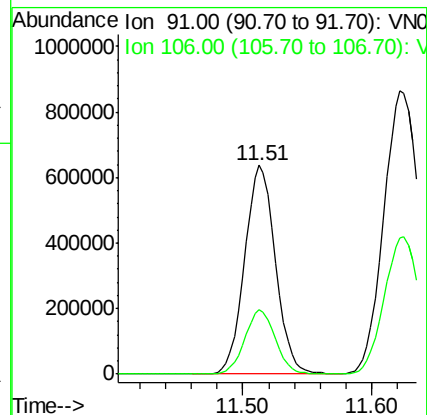
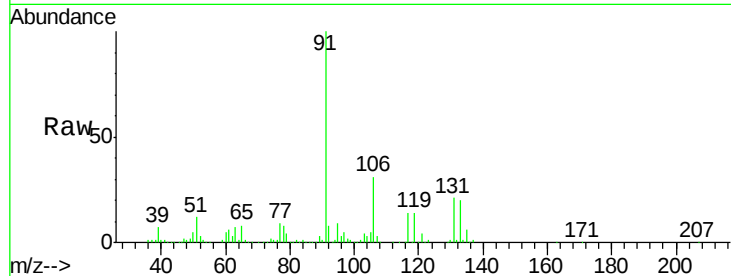
VSTDIC020

Tgt Ion: 91 Resp: 1057707

Ion Ratio Lower Upper

91 100

106 30.7 23.9 35.9



#68

m/p-Xylenes

Concen: 40.55 ug/l

RT: 11.63 min Scan# 3121

Delta R.T. 0.00 min

Lab File: VN049213.D

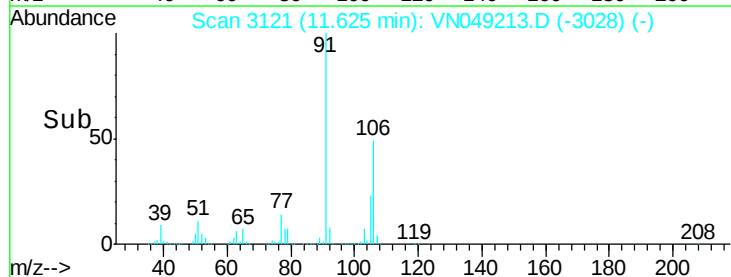
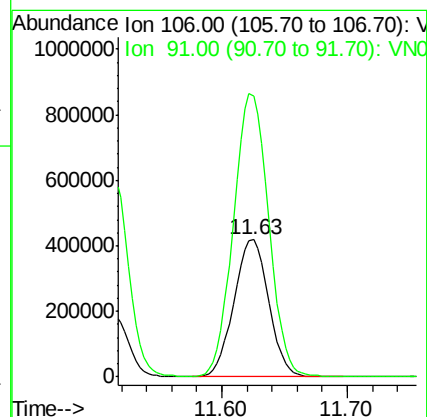
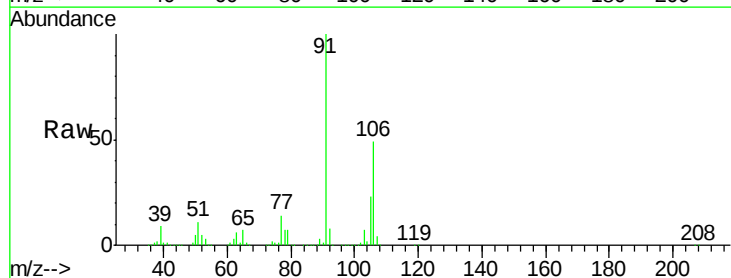
Acq: 13 Jun 2018 21:01

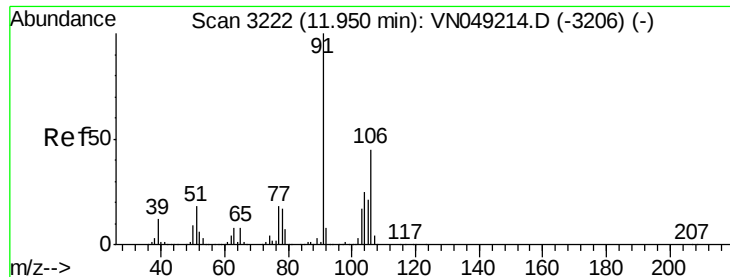
Tgt Ion: 106 Resp: 806572

Ion Ratio Lower Upper

106 100

91 208.7 167.3 250.9

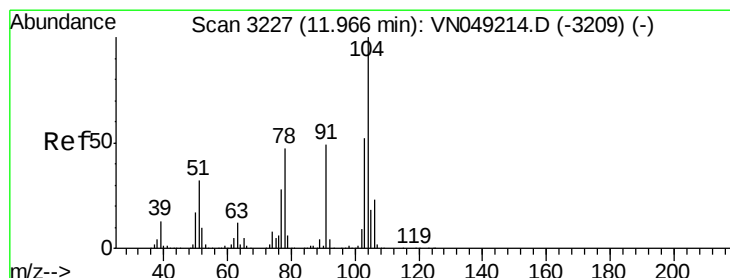
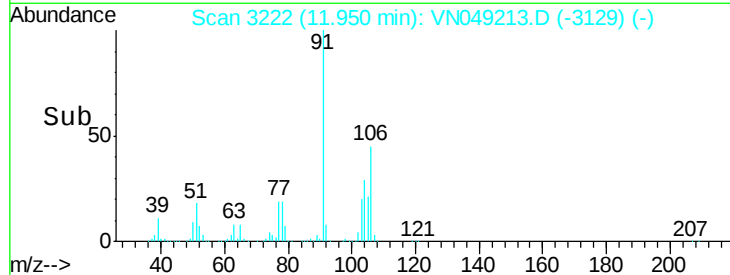
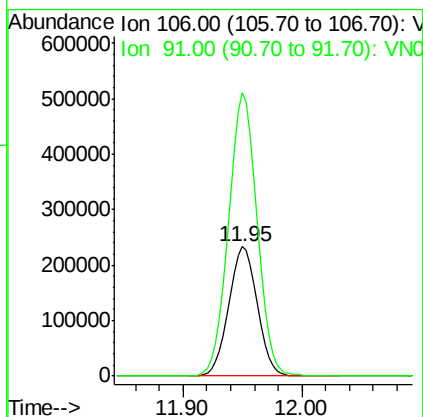
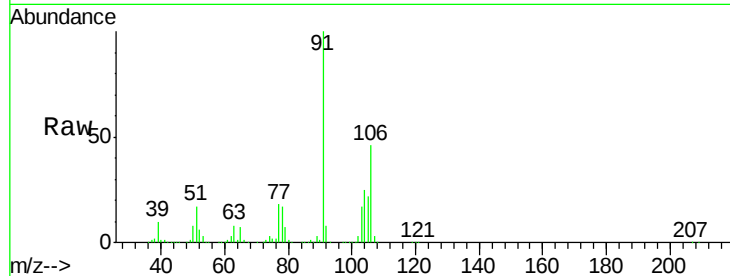




#69
o-Xylene
Concen: 20.30 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049213.D
Acq: 13 Jun 2018 21:01

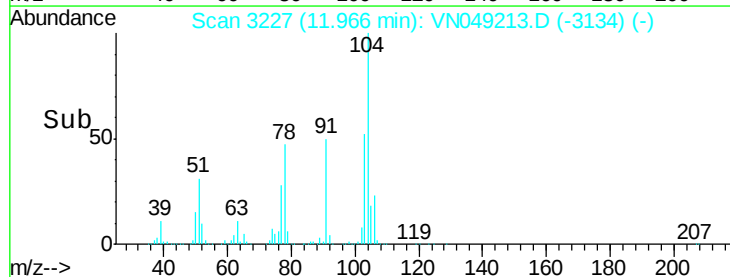
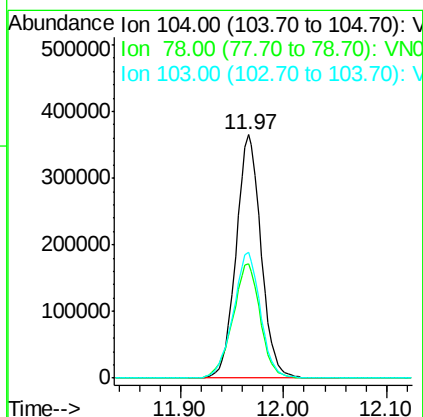
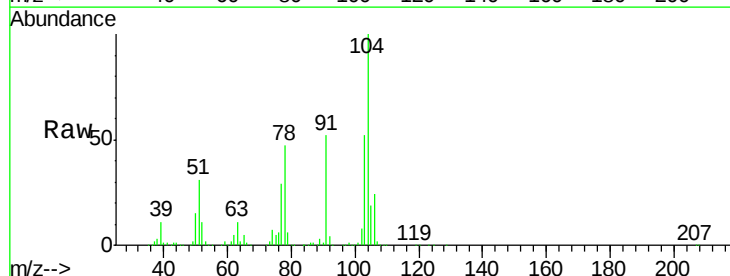
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

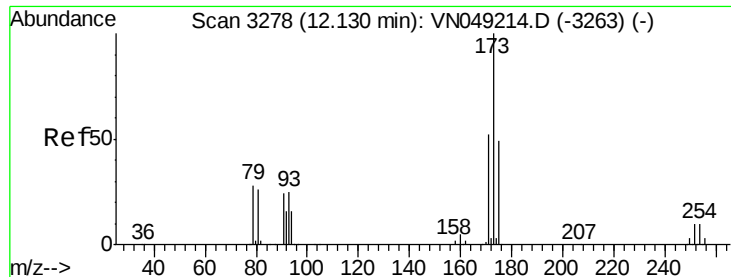
Tgt Ion:106 Resp: 388094
Ion Ratio Lower Upper
106 100
91 218.3 111.0 333.0



#70
Styrene
Concen: 20.07 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049213.D
Acq: 13 Jun 2018 21:01

Tgt Ion:104 Resp: 616624
Ion Ratio Lower Upper
104 100
78 51.8 41.6 62.4
103 56.1 45.4 68.2





#71

Bromoform

Concen: 19.69 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

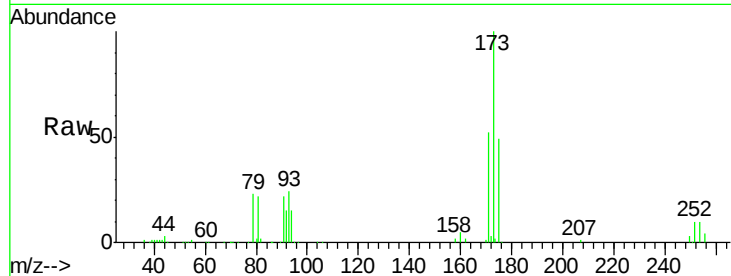
Tgt Ion:173 Resp: 144592

Ion Ratio Lower Upper

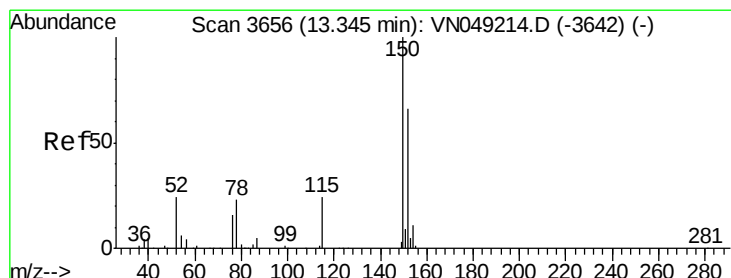
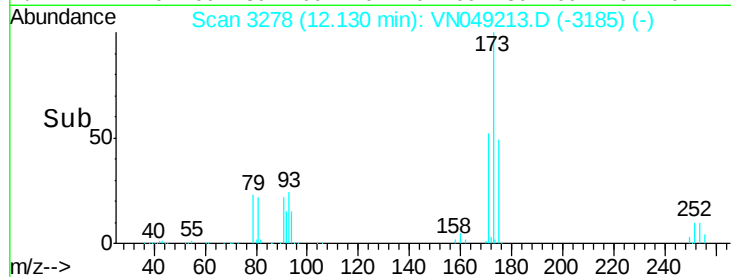
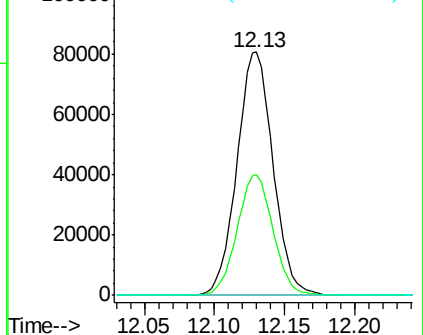
173 100

175 49.1 24.5 73.5

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

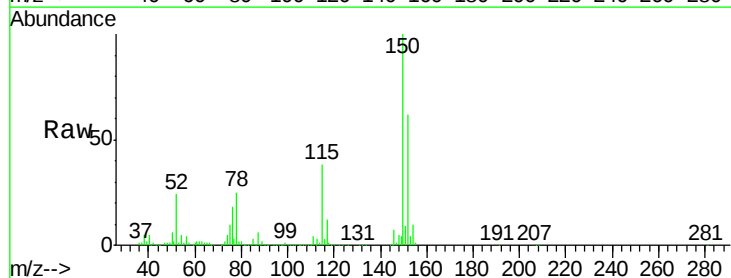
Tgt Ion:152 Resp: 539521

Ion Ratio Lower Upper

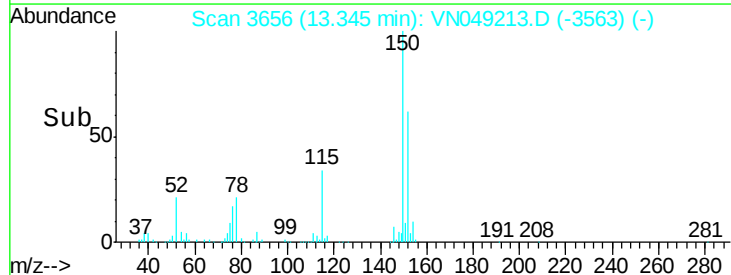
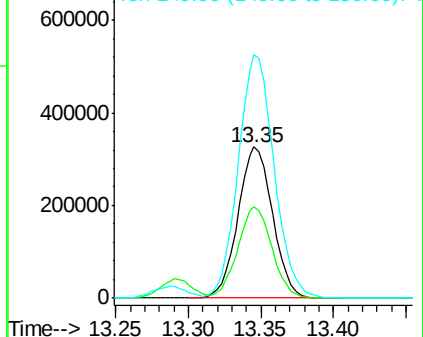
152 100

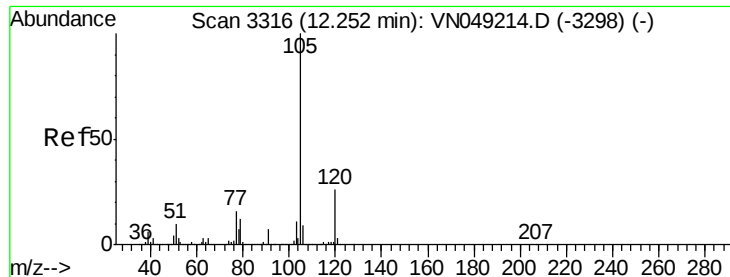
115 59.8 28.7 86.1

150 167.5 0.0 351.0



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





#73

Isopropylbenzene

Concen: 20.47 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

Instrument :

MSVOA_N

ClientSampleId :

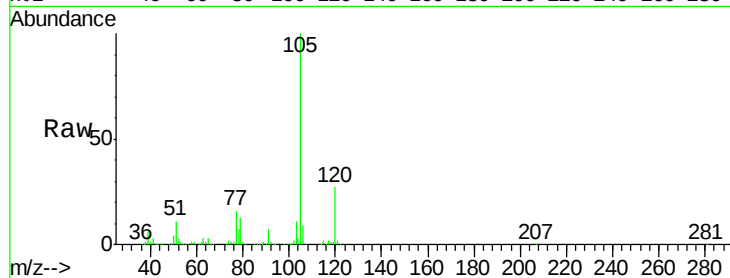
VSTDIC020

Tgt Ion: 105 Resp: 1023719

Ion Ratio Lower Upper

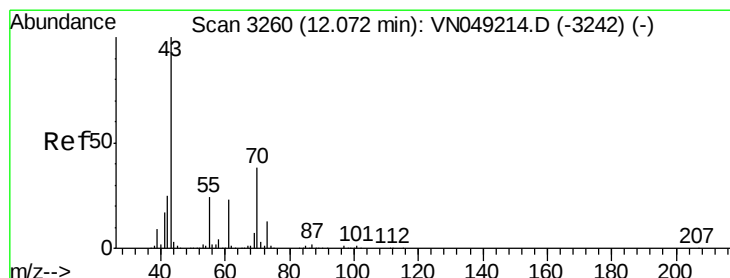
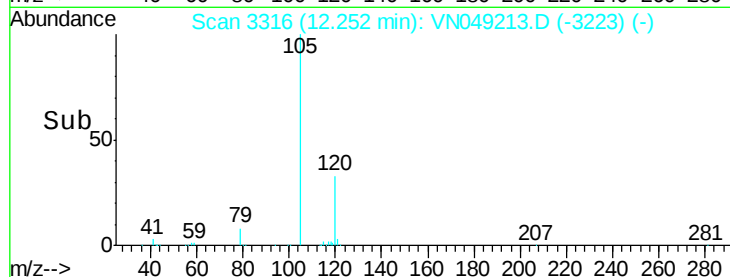
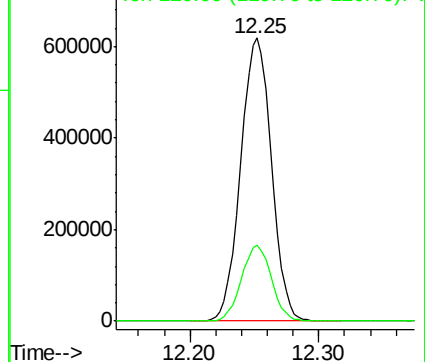
105 100

120 26.1 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.19 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

Tgt Ion: 43 Resp: 285100

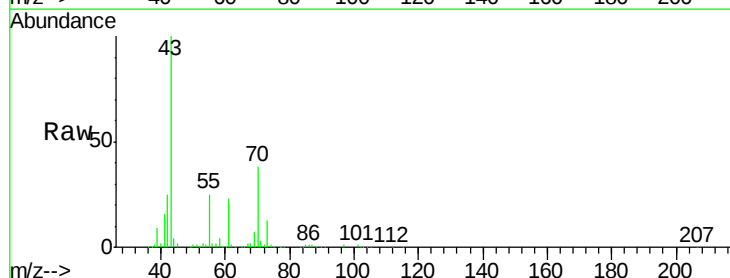
Ion Ratio Lower Upper

43 100

70 38.8 30.3 45.5

55 25.0 19.4 29.2

61 22.6 17.8 26.6

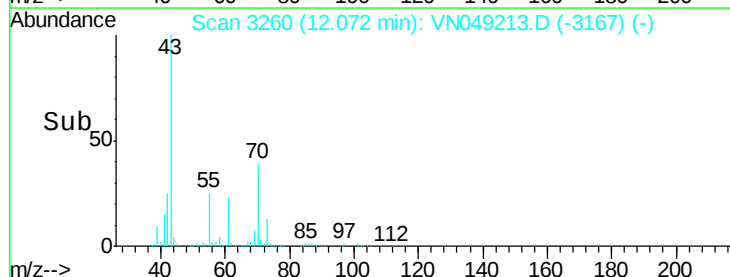
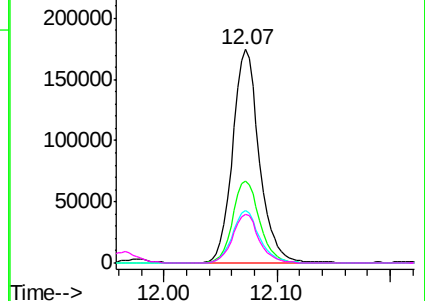


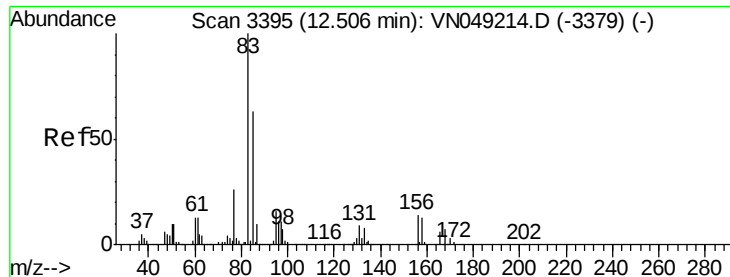
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.29 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

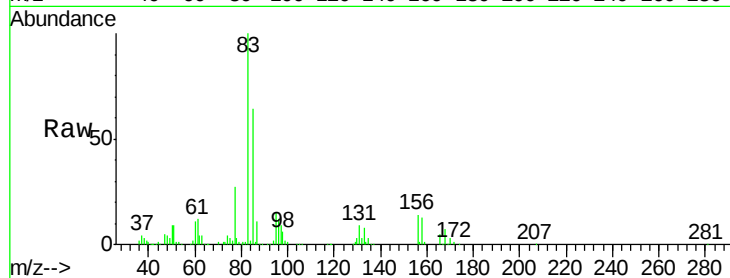
Tgt Ion: 83 Resp: 247702

Ion Ratio Lower Upper

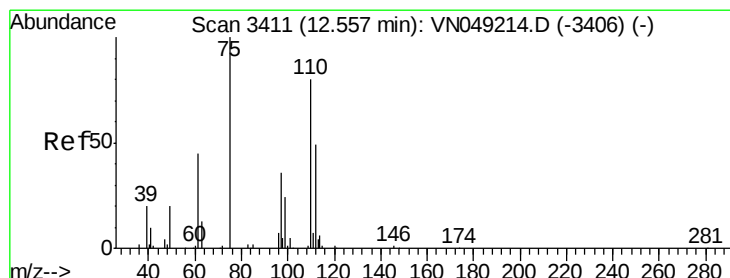
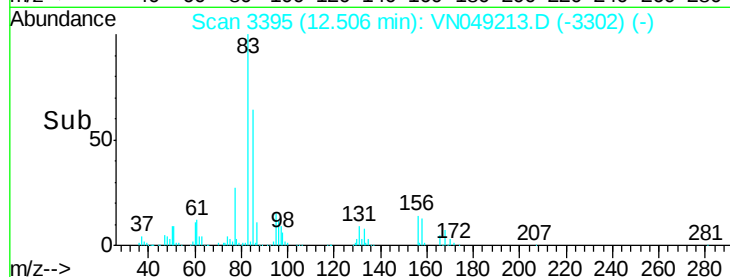
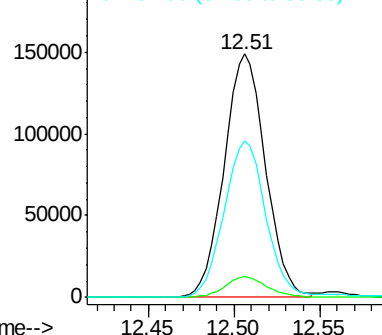
83 100

131 8.8 5.0 15.0

85 64.9 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 29.64 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049213.D

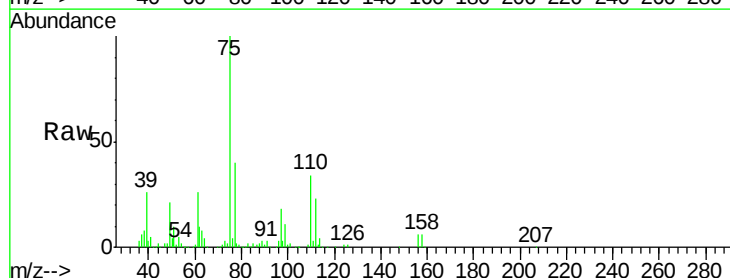
Acq: 13 Jun 2018 21:01

Tgt Ion: 75 Resp: 307829

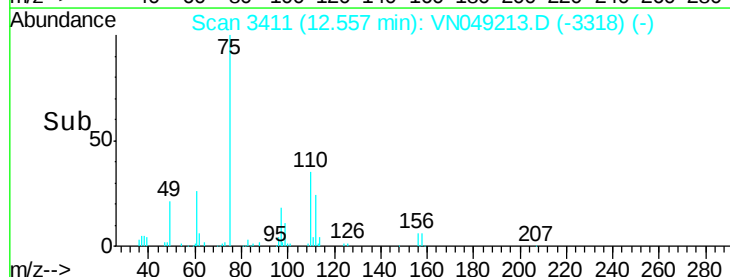
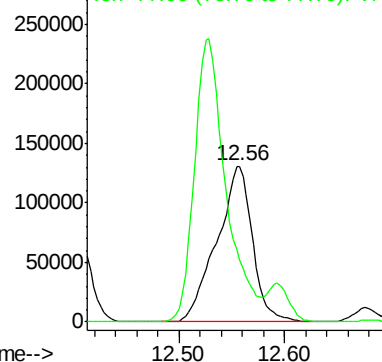
Ion Ratio Lower Upper

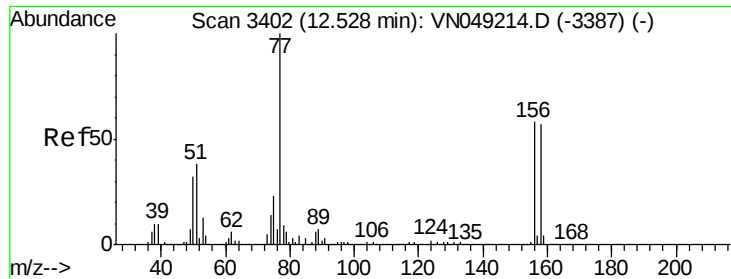
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 20.82 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

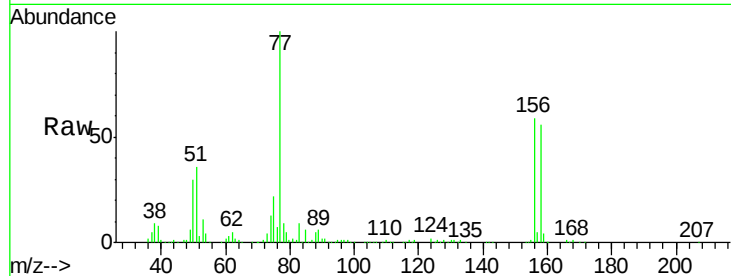
Tgt Ion:156 Resp: 244592

Ion Ratio Lower Upper

156 100

77 200.4 100.8 302.4

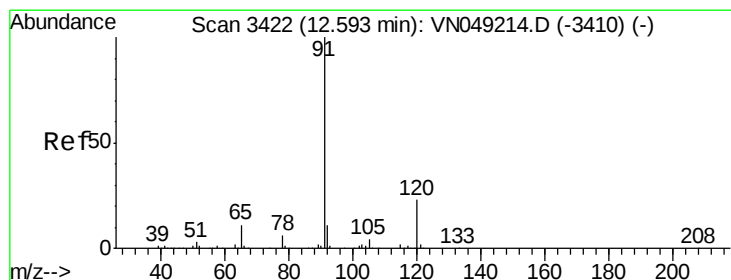
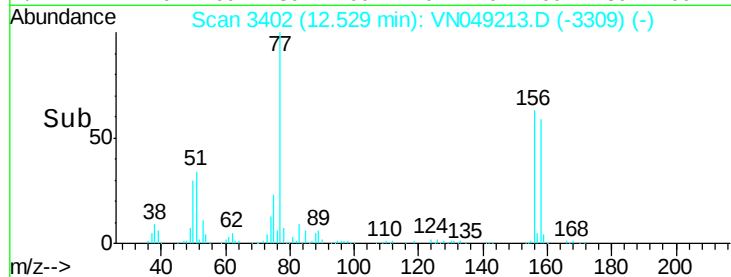
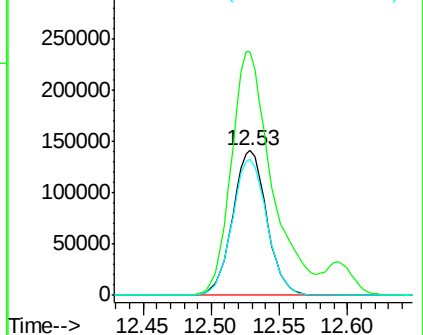
158 95.8 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.63 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049213.D

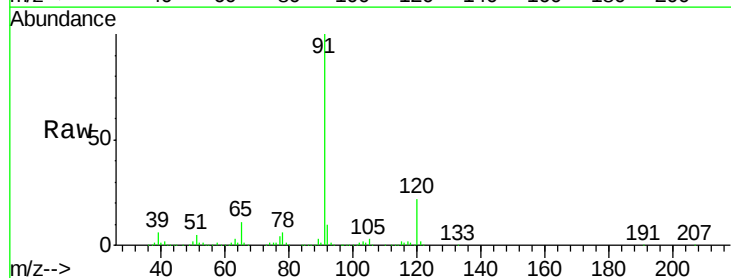
Acq: 13 Jun 2018 21:01

Tgt Ion: 91 Resp: 1178951

Ion Ratio Lower Upper

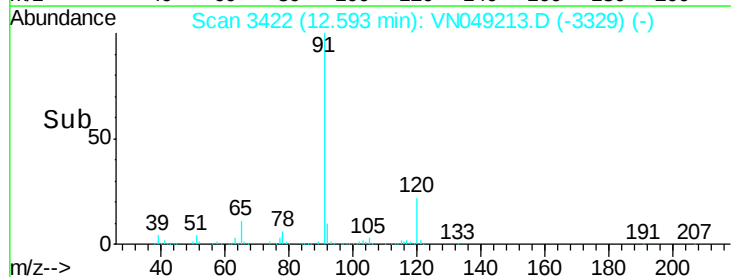
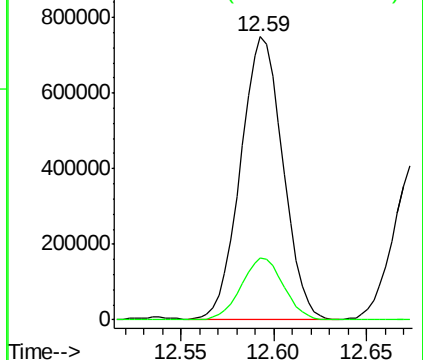
91 100

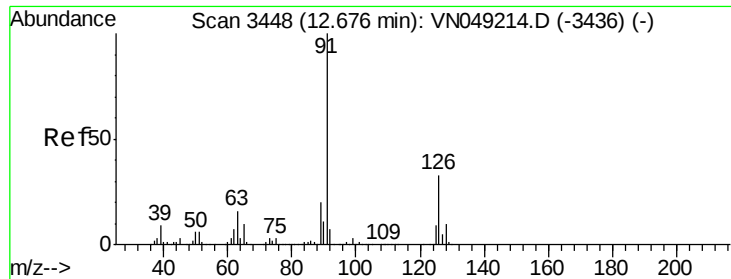
120 21.9 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.91 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

Instrument :

MSVOA_N

ClientSampleId :

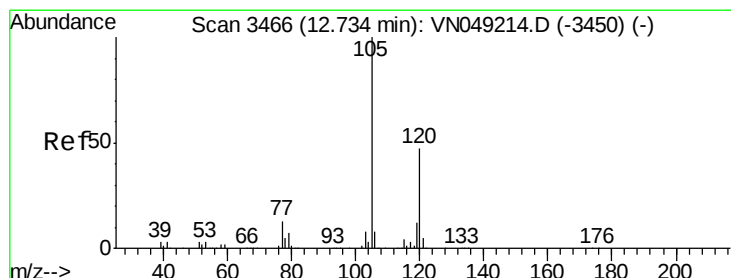
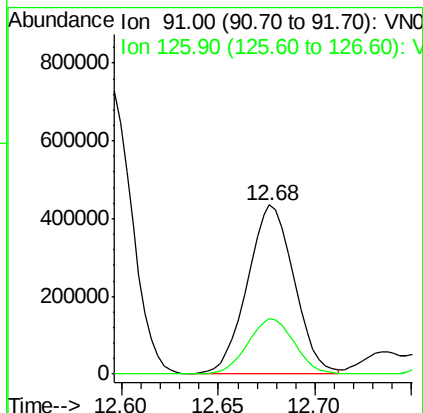
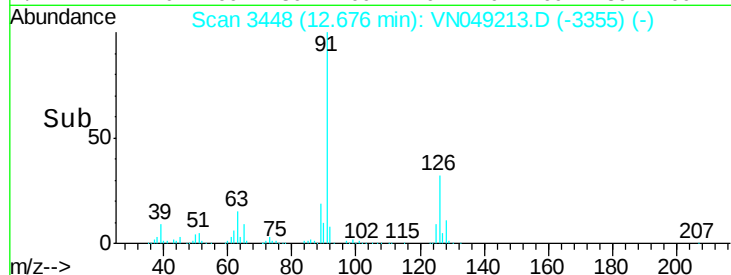
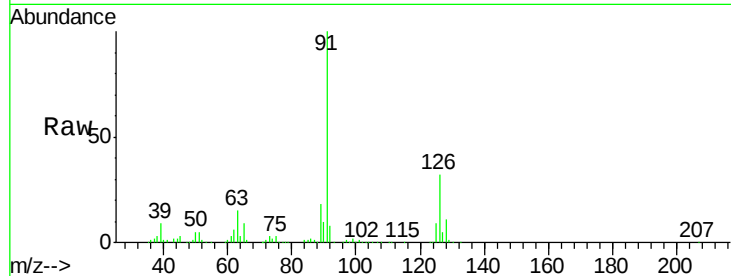
VSTDIC020

Tgt Ion: 91 Resp: 725325

Ion Ratio Lower Upper

91 100

126 33.1 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 20.88 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049213.D

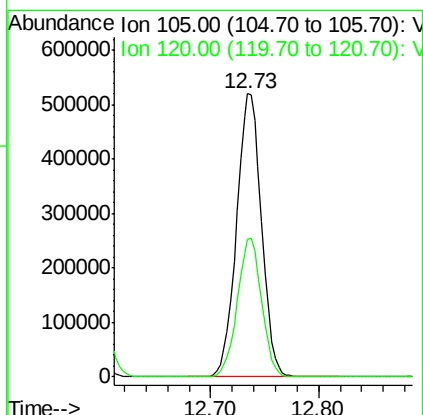
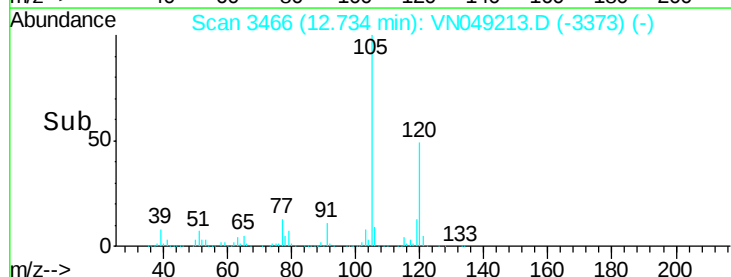
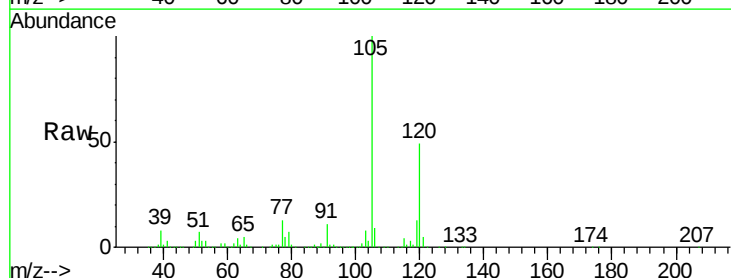
Acq: 13 Jun 2018 21:01

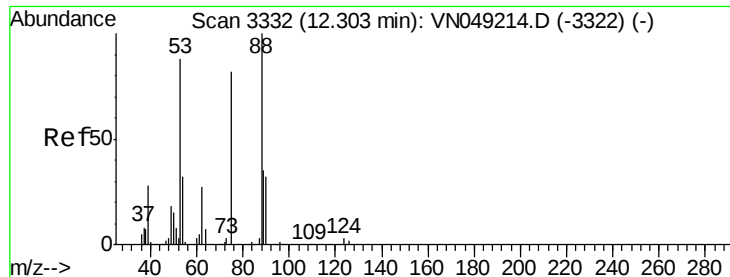
Tgt Ion: 105 Resp: 834377

Ion Ratio Lower Upper

105 100

120 48.1 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 19.23 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

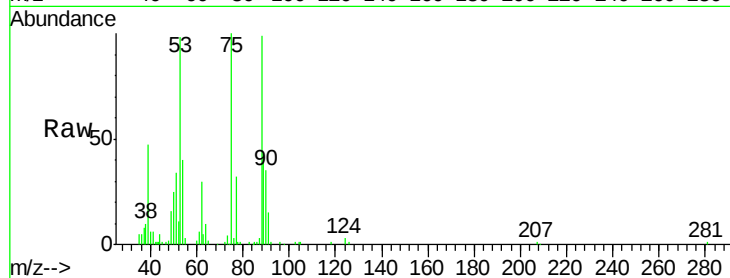
Tgt Ion: 75 Resp: 62641

Ion Ratio Lower Upper

75 100

53 101.1 82.7 124.1

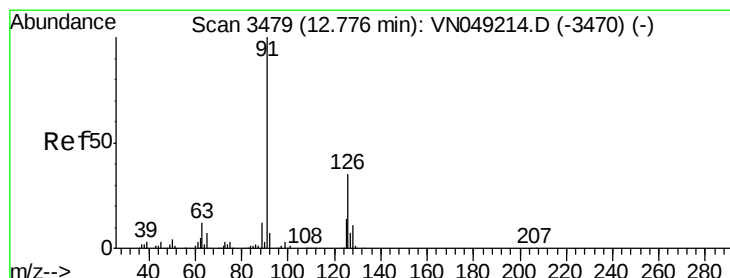
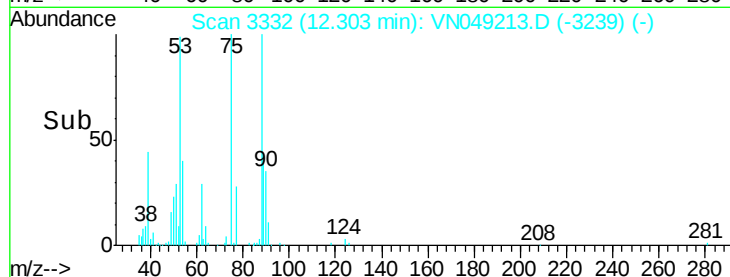
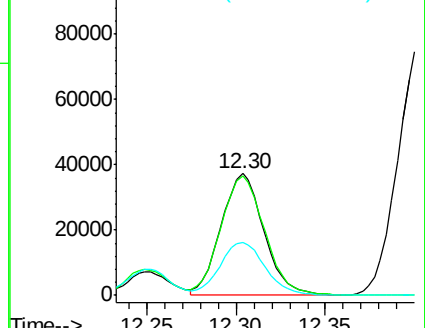
89 44.8 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VN049213.D (-3329) (-)

Ion 53.00 (52.70 to 53.70): VN049213.D (-3329) (-)

Ion 88.90 (88.60 to 89.60): VN049213.D (-3329) (-)



#82

4-Chlorotoluene

Concen: 20.75 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN049213.D

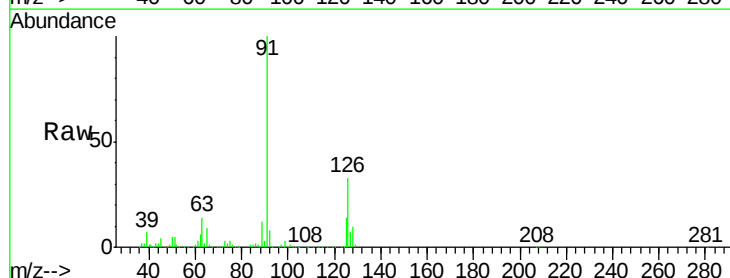
Acq: 13 Jun 2018 21:01

Tgt Ion: 91 Resp: 708706

Ion Ratio Lower Upper

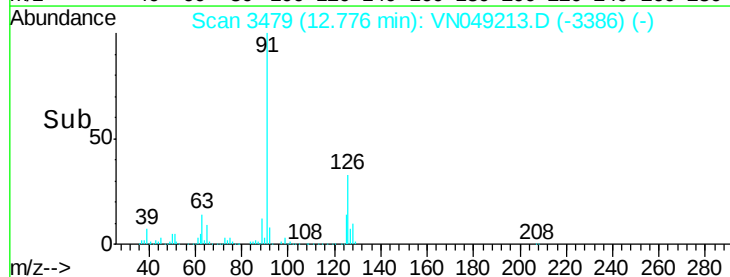
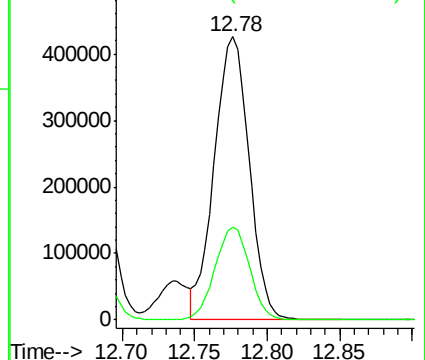
91 100

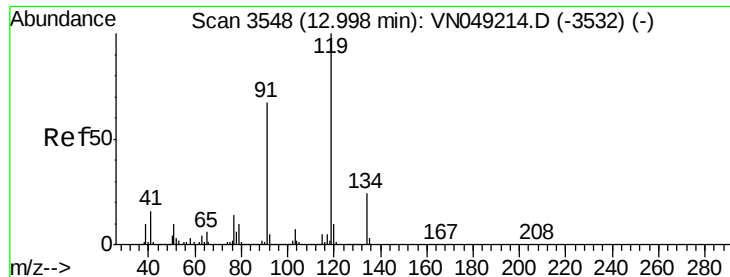
126 32.6 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN049213.D (-3386) (-)

Ion 125.90 (125.60 to 126.60): VN049213.D (-3386) (-)

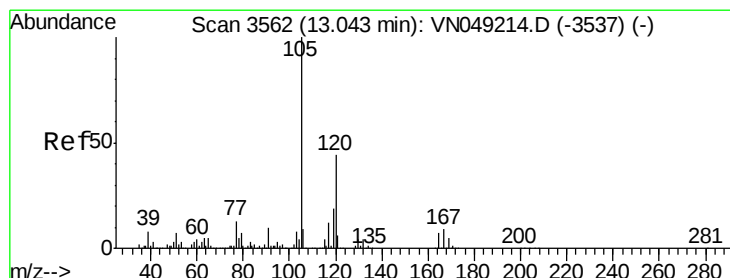
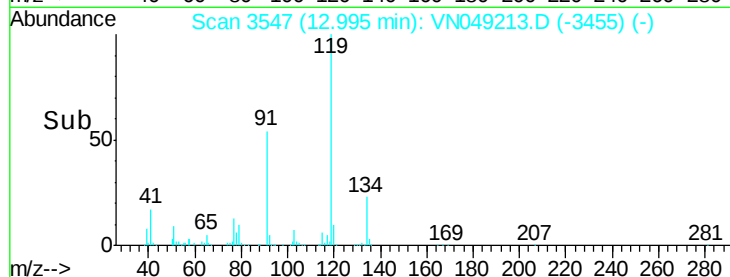
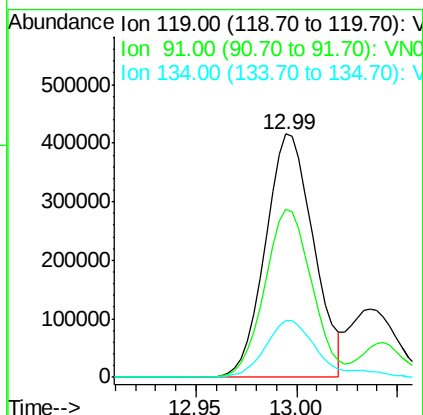
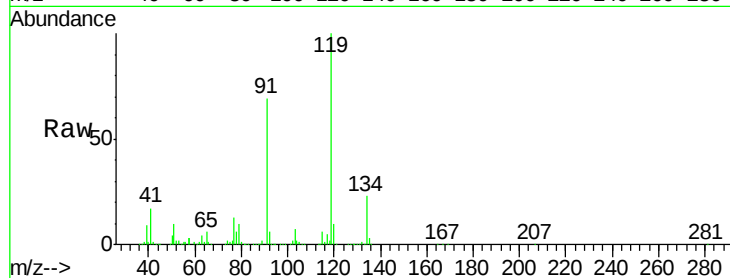




#83
 tert-Butylbenzene
 Concen: 20.43 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN049213.D
 Acq: 13 Jun 2018 21:01

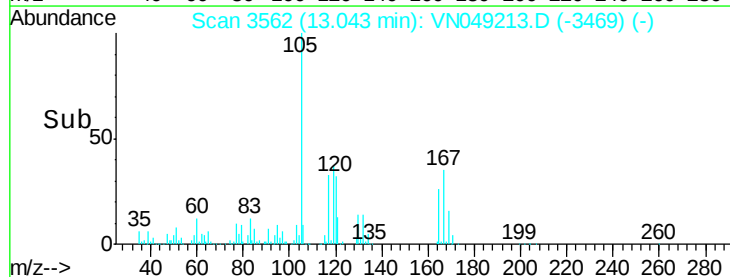
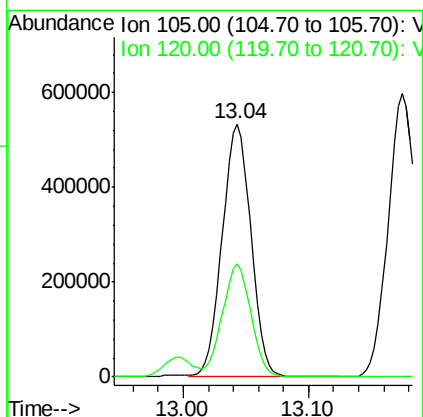
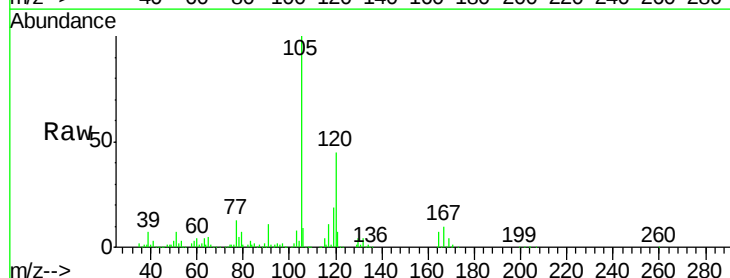
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

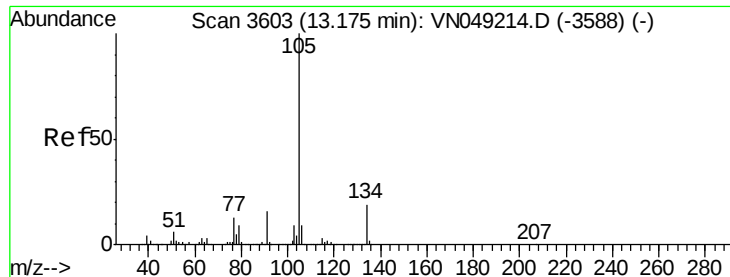
Tgt Ion:119 Resp: 687706
 Ion Ratio Lower Upper
 119 100
 91 67.8 33.7 101.0
 134 23.9 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.92 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049213.D
 Acq: 13 Jun 2018 21:01

Tgt Ion:105 Resp: 844278
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.2 66.6

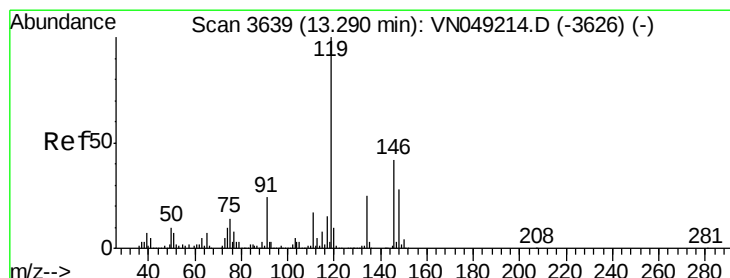
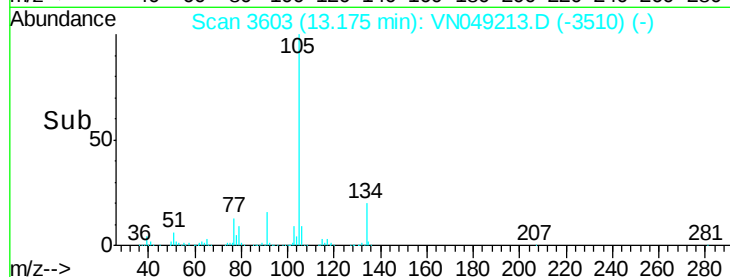
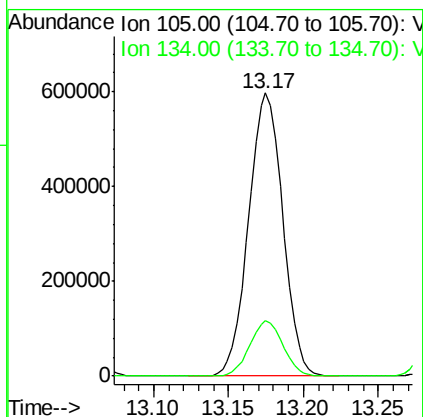
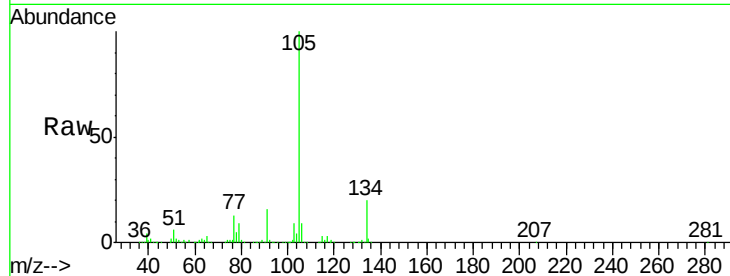




#85
 sec-Butylbenzene
 Concen: 20.67 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN049213.D
 Acq: 13 Jun 2018 21:01

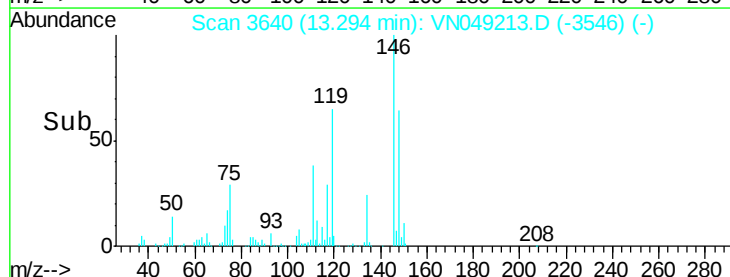
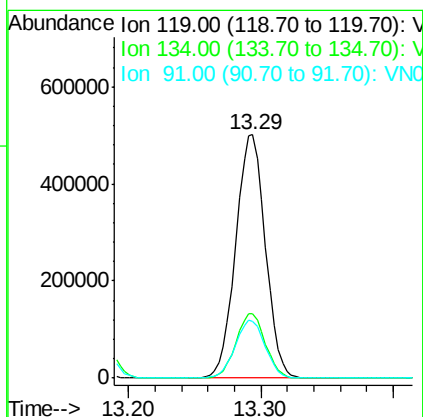
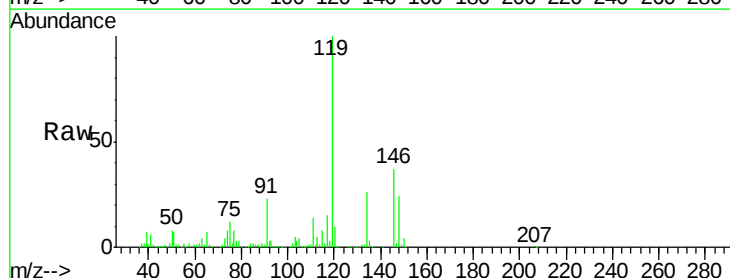
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

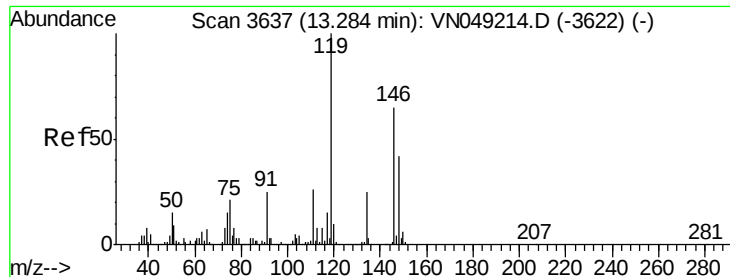
Tgt Ion:105 Resp: 948005
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 20.28 ug/l
 RT: 13.29 min Scan# 3640
 Delta R.T. 0.00 min
 Lab File: VN049213.D
 Acq: 13 Jun 2018 21:01

Tgt Ion:119 Resp: 773212
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.6
 91 23.9 12.1 36.3

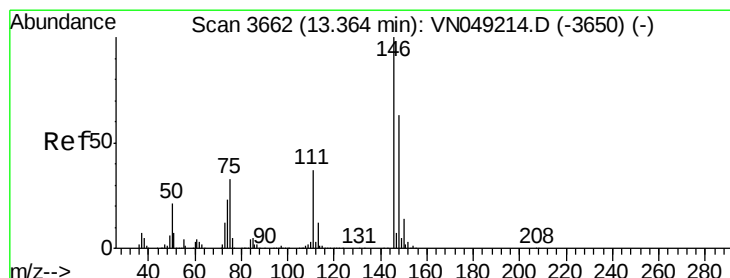
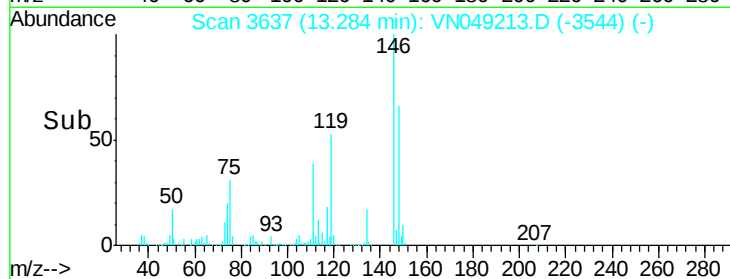
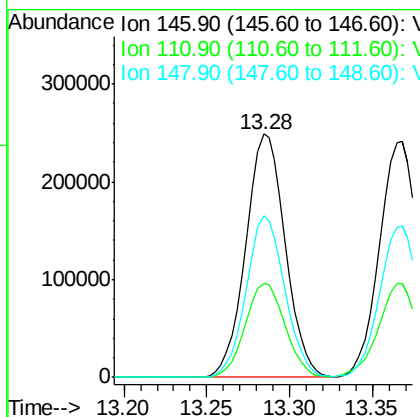
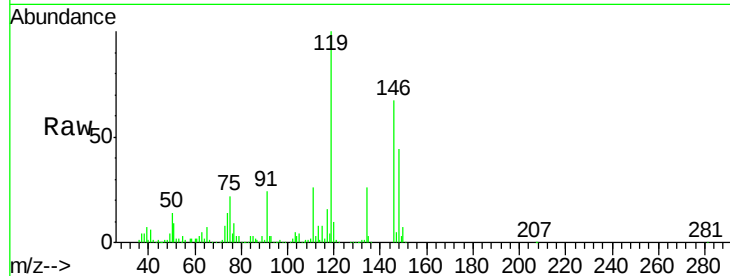




#87
 1,3-Dichlorobenzene
 Concen: 20.40 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049213.D
 Acq: 13 Jun 2018 21:01

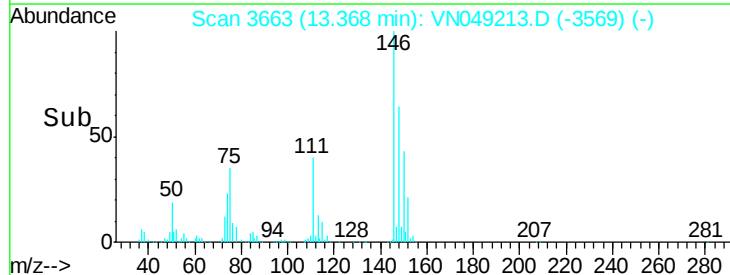
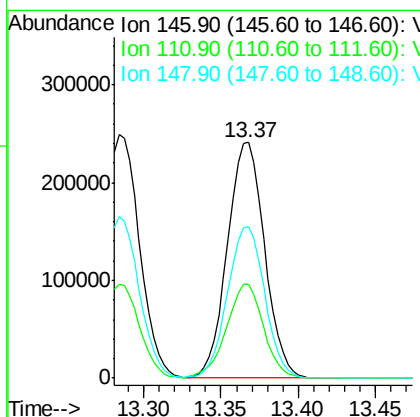
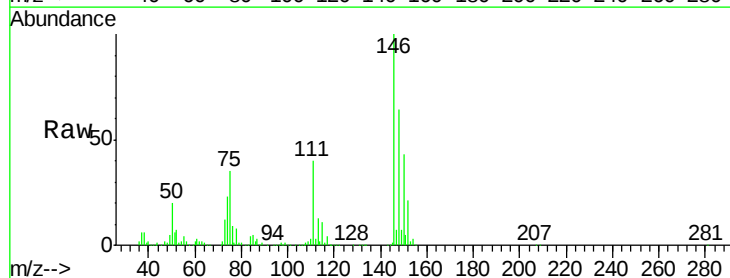
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

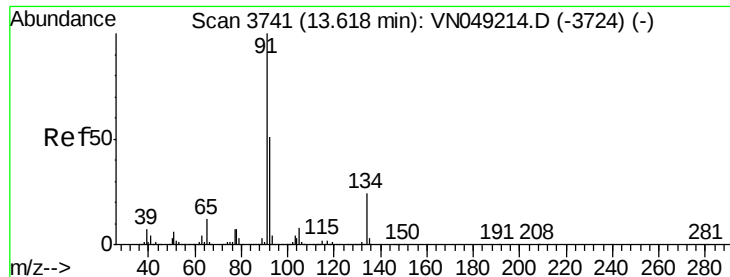
Tgt Ion:146 Resp: 412729
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.9 59.6
 148 64.9 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.51 ug/l
 RT: 13.37 min Scan# 3663
 Delta R.T. 0.00 min
 Lab File: VN049213.D
 Acq: 13 Jun 2018 21:01

Tgt Ion:146 Resp: 402030
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.1 57.1
 148 64.4 32.0 96.2





#89

n-Butylbenzene

Concen: 19.15 ug/l

RT: 13.62 min Scan# 3741

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

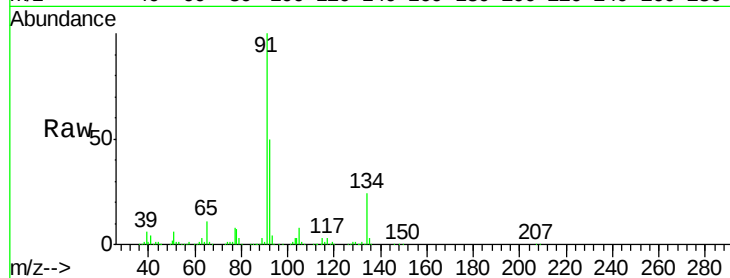
Tgt Ion: 91 Resp: 590585

Ion Ratio Lower Upper

91 100

92 50.1 25.1 75.4

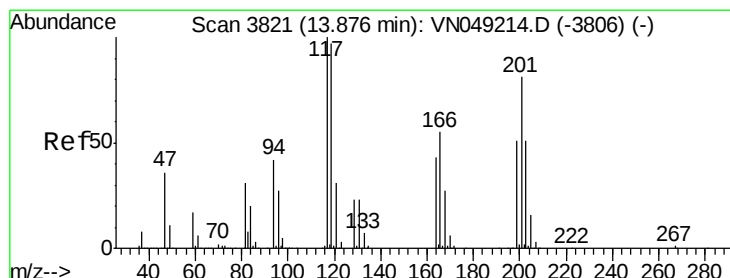
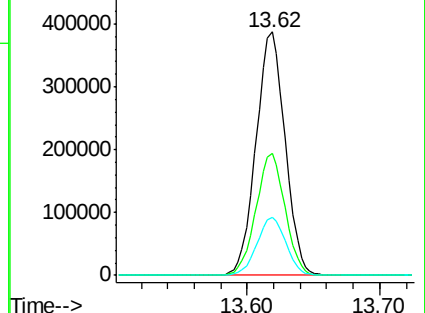
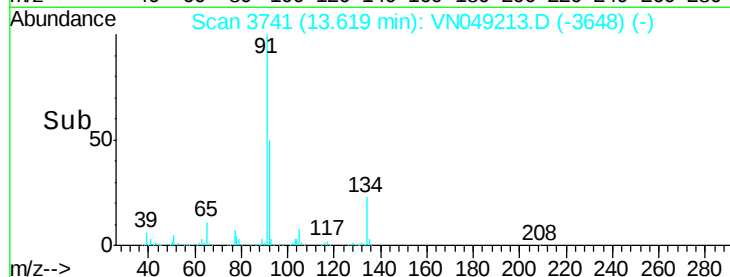
134 23.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN049213.D (-3648) (-)

Ion 92.00 (91.70 to 92.70): VN049213.D (-3648) (-)

Ion 134.00 (133.70 to 134.70): VN049213.D (-3648) (-)



#90

Hexachloroethane

Concen: 20.19 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. 0.00 min

Lab File: VN049213.D

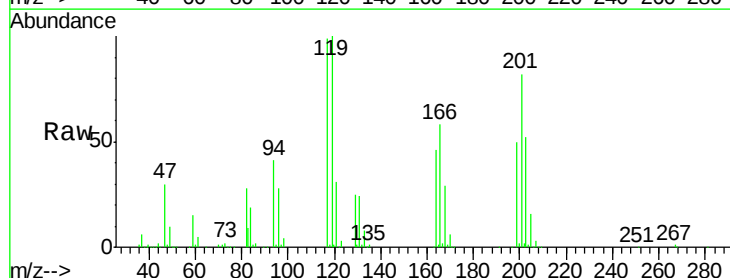
Acq: 13 Jun 2018 21:01

Tgt Ion: 117 Resp: 164727

Ion Ratio Lower Upper

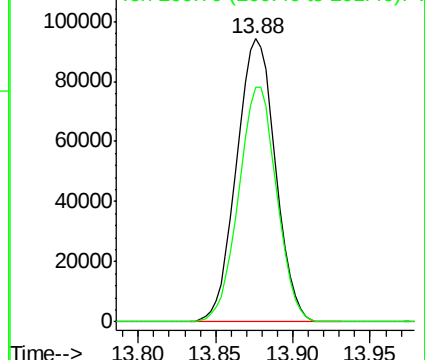
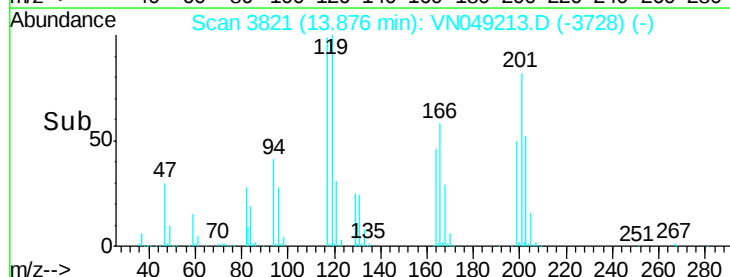
117 100

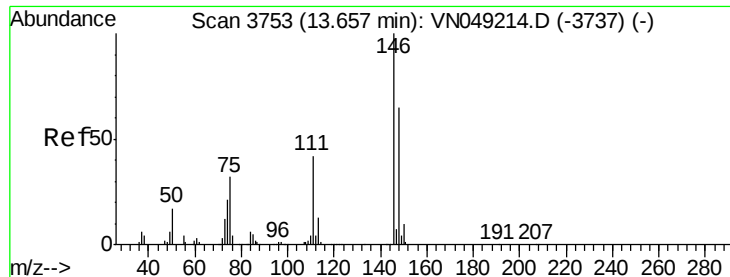
201 81.0 40.1 120.2



Abundance Ion 116.80 (116.50 to 117.50): VN049213.D (-3728) (-)

Ion 200.70 (200.40 to 201.40): VN049213.D (-3728) (-)





#91

1,2-Dichlorobenzene

Concen: 21.09 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. -0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

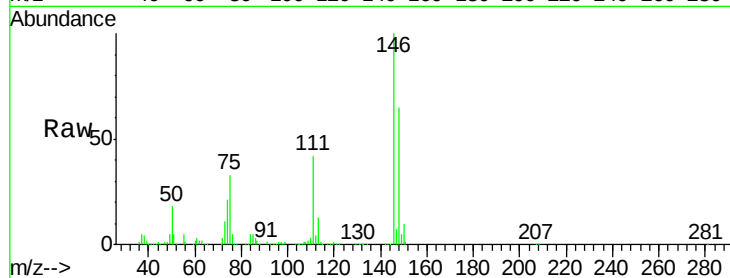
Tgt Ion:146 Resp: 410065

Ion Ratio Lower Upper

146 100

111 41.5 20.8 62.2

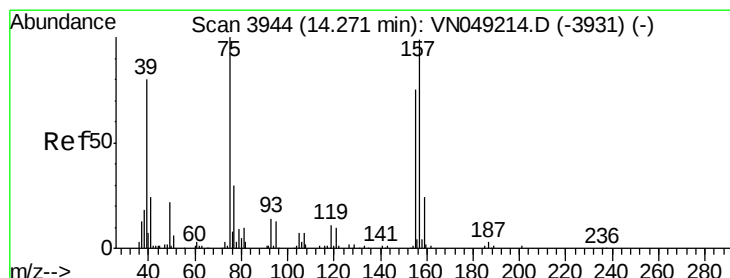
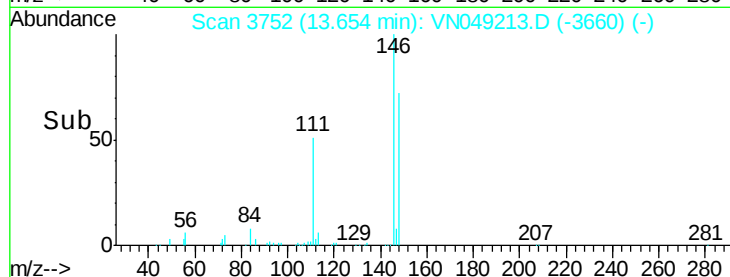
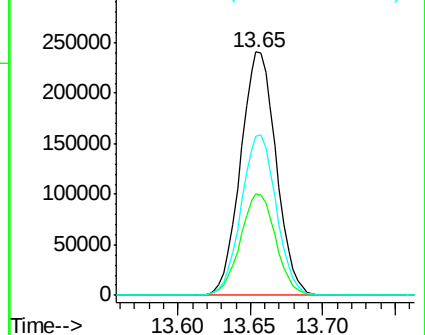
148 65.0 32.0 96.2



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: 21.45 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

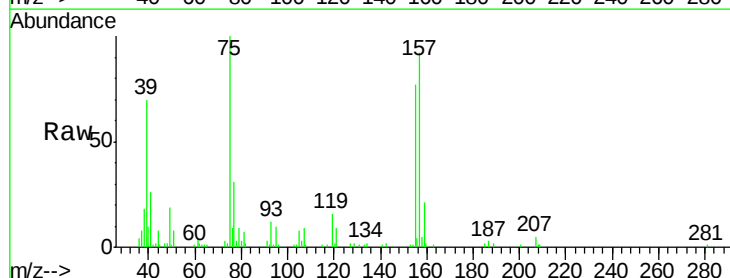
Tgt Ion: 75 Resp: 37827

Ion Ratio Lower Upper

75 100

155 77.2 38.8 116.3

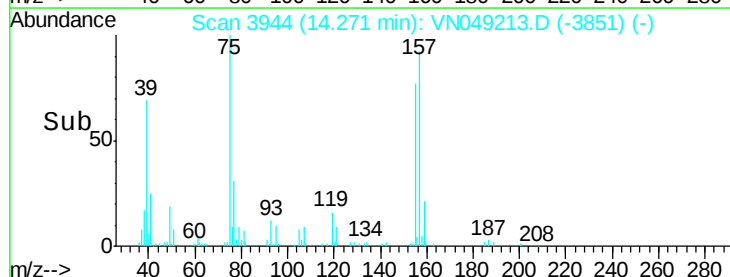
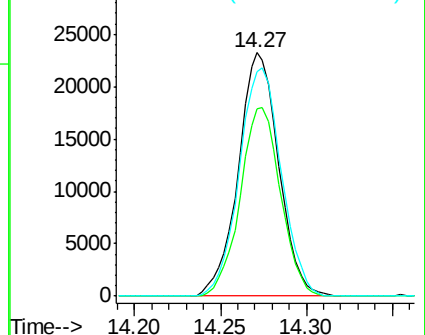
157 97.6 51.0 153.1

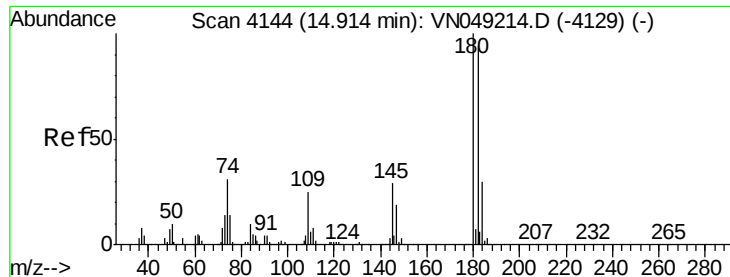


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

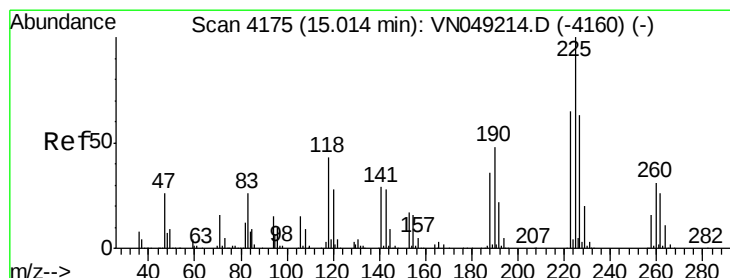
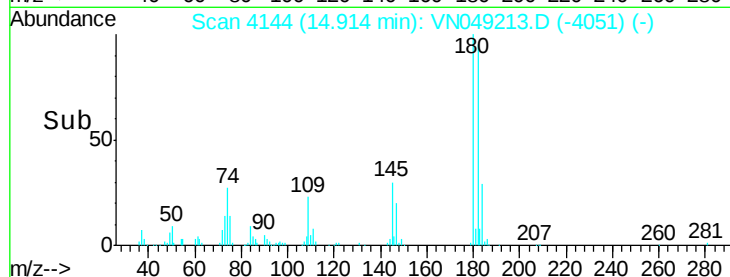
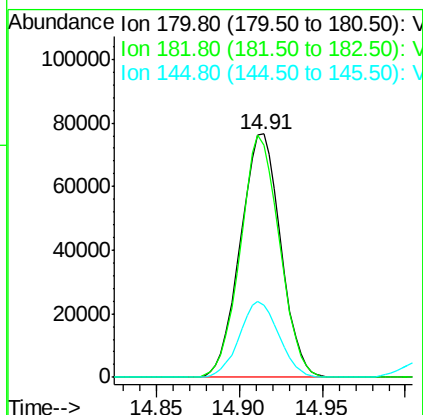
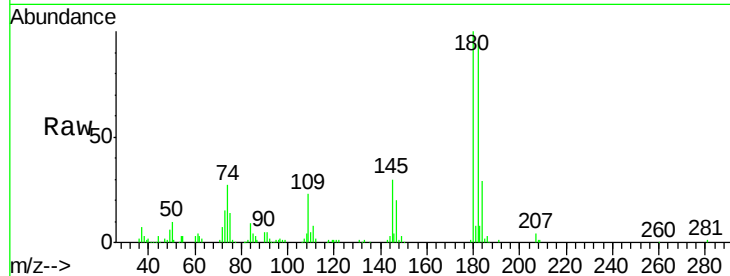




#93
 1,2,4-Trichlorobenzene
 Concen: 16.79 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049213.D
 Acq: 13 Jun 2018 21:01

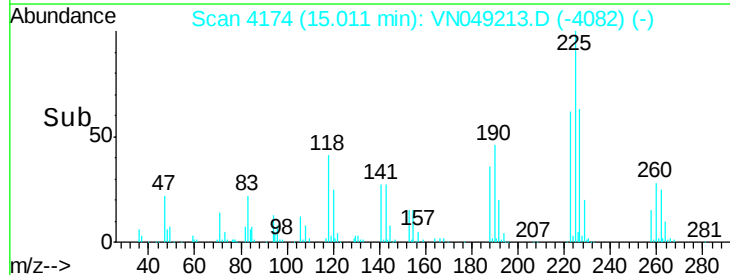
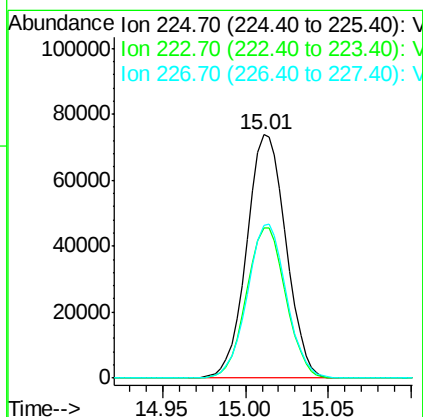
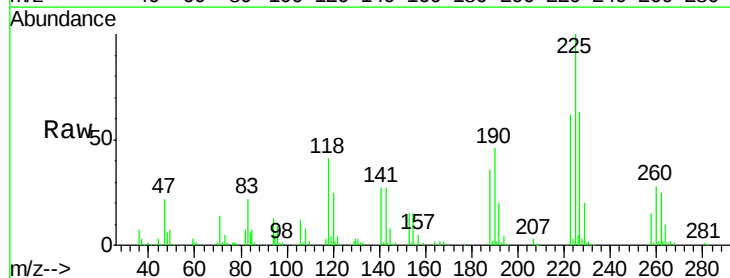
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

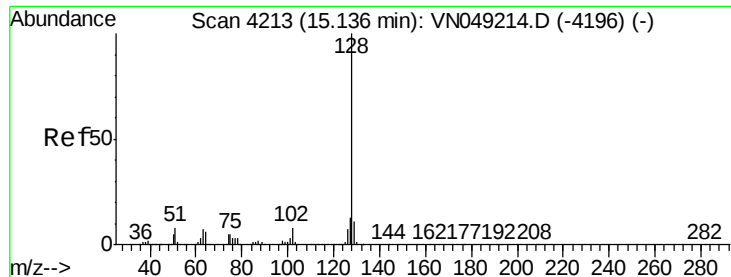
Tgt Ion:180 Resp: 129234
 Ion Ratio Lower Upper
 180 100
 182 96.3 46.9 140.8
 145 30.3 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 20.76 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN049213.D
 Acq: 13 Jun 2018 21:01

Tgt Ion:225 Resp: 121827
 Ion Ratio Lower Upper
 225 100
 223 61.8 32.1 96.3
 227 63.1 31.8 95.3





#95

Naphthalene

Concen: 15.64 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

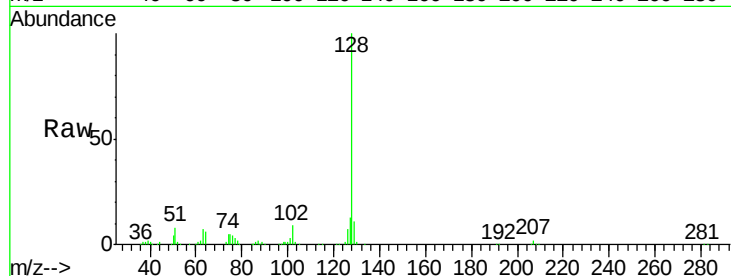
Tgt Ion:128 Resp: 263900

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

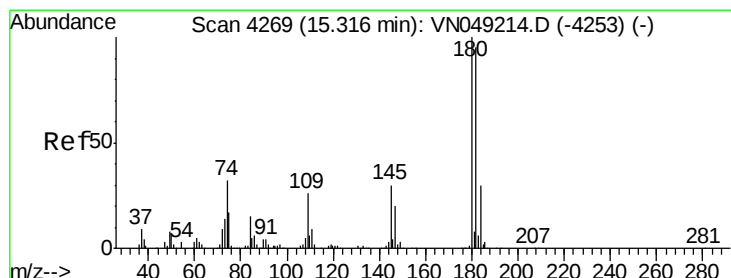
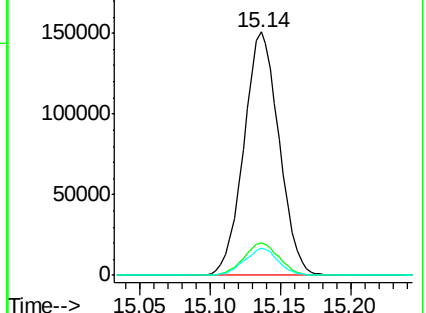
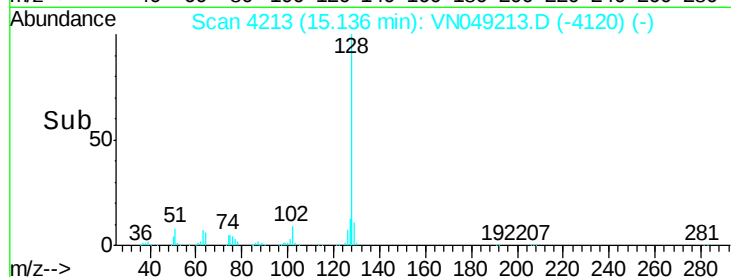
129 10.5 8.5 12.7



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: 18.61 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.00 min

Lab File: VN049213.D

Acq: 13 Jun 2018 21:01

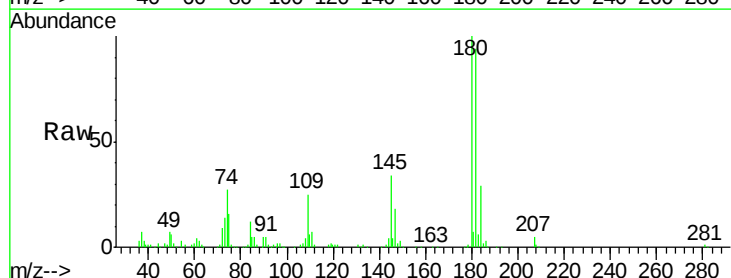
Tgt Ion:180 Resp: 145880

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.8

145 33.0 15.6 46.7



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

