

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064223.D
 Acq On : 21 Oct 2020 15:58
 Operator : JC/MD
 Sample : VN1021WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD01

Quant Time: Oct 22 01:48:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	257056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	418436	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	380281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	178805	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	194671	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
35) Dibromofluoromethane	7.55	113	138935	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	10.06	98	490392	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
62) 4-Bromofluorobenzene	12.38	95	196288	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	58497	19.120	ug/l	98
3) Chloromethane	2.04	50	56852	19.136	ug/l	98
4) Vinyl Chloride	2.16	62	56293	19.111	ug/l	92
5) Bromomethane	2.54	94	38243	19.919	ug/l	95
6) Chloroethane	2.68	64	32122	17.914	ug/l	98
7) Trichlorofluoromethane	2.99	101	96105	19.840	ug/l	92
8) Diethyl Ether	3.38	74	31064	19.387	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	49157	19.625	ug/l	97
10) Methyl Iodide	3.91	142	61592	17.292	ug/l	99
11) Tert butyl alcohol	4.73	59	49574	97.012	ug/l	99
12) 1,1-Dichloroethene	3.70	96	43308	17.976	ug/l	98
13) Acrolein	3.57	56	24108	75.155	ug/l	96
14) Allyl chloride	4.27	41	84921	17.612	ug/l	96
15) Acrylonitrile	4.93	53	103721	98.158	ug/l #	88
16) Acetone	3.77	43	106408	97.419	ug/l	99
17) Carbon Disulfide	4.01	76	130520	18.992	ug/l	98
18) Methyl Acetate	4.28	43	53729	19.304	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	159016	19.199	ug/l	98
20) Methylene Chloride	4.50	84	51550	17.699	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	49258	18.541	ug/l	94
22) Diisopropyl ether	5.90	45	163757	18.269	ug/l	98
23) Vinyl Acetate	5.84	43	768110	96.087	ug/l	100
24) 1,1-Dichloroethane	5.80	63	98982	19.062	ug/l	99
25) 2-Butanone	6.78	43	167031	96.251	ug/l	100
26) 2,2-Dichloropropane	6.78	77	94976	18.372	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	59673	19.288	ug/l	96
28) Bromochloromethane	7.15	49	51497	20.875	ug/l	96
29) Tetrahydrofuran	7.17	42	101784	98.053	ug/l	98
30) Chloroform	7.33	83	104018	18.779	ug/l	100
31) Cyclohexane	7.61	56	81073	17.915	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	96016	18.504	ug/l	97
36) 1,1-Dichloropropene	7.75	75	74490	17.857	ug/l	99
37) Ethyl Acetate	6.88	43	72999	19.273	ug/l	99
38) Carbon Tetrachloride	7.73	117	86408	18.205	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	69683	18.371	ug/l	98
40) Benzene	8.00	78	210404	18.272	ug/l	99
41) Methacrylonitrile	7.12	41	27247	13.714	ug/l #	80
42) 1,2-Dichloroethane	8.09	62	91564	18.561	ug/l	100
43) Isopropyl Acetate	8.13	43	143414	20.317	ug/l #	88
44) Trichloroethene	8.80	130	59414	18.934	ug/l	99
45) 1,2-Dichloropropane	9.08	63	56291	18.311	ug/l	97
46) Dibromomethane	9.17	93	40031	19.393	ug/l	94
47) Bromodichloromethane	9.37	83	86534	18.975	ug/l	96
48) Methyl methacrylate	9.16	41	67452	18.293	ug/l	98
49) 1,4-Dioxane	9.16	88	17472	404.972	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	367205	97.336	ug/l	99
52) Toluene	10.12	92	132587	17.994	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	99633	19.666	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	100778	18.893	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	52718	18.944	ug/l	94
56) Ethyl methacrylate	10.40	69	83230	19.343	ug/l	98
57) 1,3-Dichloropropane	10.68	76	95154	19.685	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.66	63	222067	100.222	ug/l	99
59) 2-Hexanone	10.72	43	265729	96.449	ug/l	100
60) Dibromochloromethane	10.87	129	66744	18.527	ug/l	99
61) 1,2-Dibromoethane	10.98	107	57615	19.620	ug/l	94
64) Tetrachloroethene	10.60	164	56994	18.616	ug/l	97
65) Chlorobenzene	11.41	112	148494	18.865	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	57528	18.412	ug/l	100
67) Ethyl Benzene	11.48	91	268926	18.590	ug/l	100
68) m/p-Xylenes	11.59	106	196852	36.727	ug/l	99
69) o-Xylene	11.92	106	93251	17.989	ug/l	95
70) Styrene	11.94	104	162622	18.716	ug/l	100
71) Bromoform	12.10	173	43779	18.138	ug/l #	97
73) Isopropylbenzene	12.22	105	257906	18.912	ug/l	99
74) N-amyl acetate	12.05	43	114294	19.396	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	69550	19.218	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	106602	28.280	ug/l #	100
77) Bromobenzene	12.50	156	62553	19.429	ug/l	98
78) n-propylbenzene	12.57	91	285635	18.577	ug/l	99
79) 2-Chlorotoluene	12.65	91	178656	18.917	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	216804	18.805	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	28078	18.806	ug/l	96
82) 4-Chlorotoluene	12.75	91	189781	19.264	ug/l	100
83) tert-Butylbenzene	12.97	119	176398	18.662	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	220725	19.235	ug/l	100
85) sec-Butylbenzene	13.14	105	226137	18.977	ug/l	99
86) p-Isopropyltoluene	13.26	119	212653	19.596	ug/l	98
87) 1,3-Dichlorobenzene	13.34	146	109088	19.043	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	109088	18.605	ug/l	98
89) n-Butylbenzene	13.59	91	183694	18.884	ug/l	99
90) Hexachloroethane	13.85	117	34987	17.802	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	104993	18.682	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18019	19.958	ug/l	98

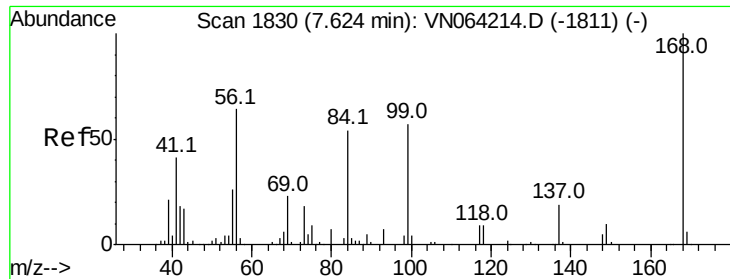
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
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Quant Title : SW846 8260
QLast Update : Wed Oct 21 12:48:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	61311	19.451	ug/l	97
94) Hexachlorobutadiene	14.98	225	32971	19.394	ug/l	98
95) Naphthalene	15.10	128	184778	19.575	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	60497	19.378	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

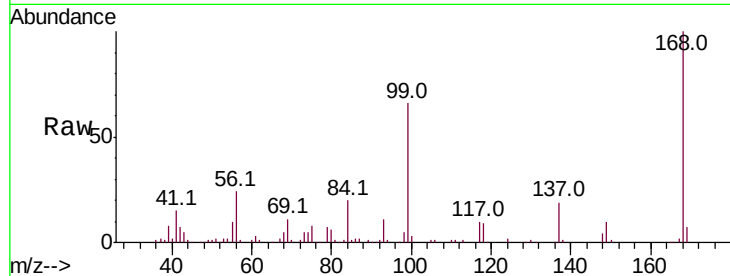
VN1021WBSD01

Tot Ion:168 Resp: 257056

Ion Ratio Lower Upper

168 100

99 65.6 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

100000

80000

60000

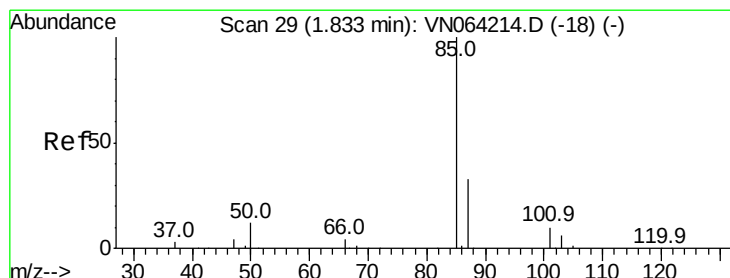
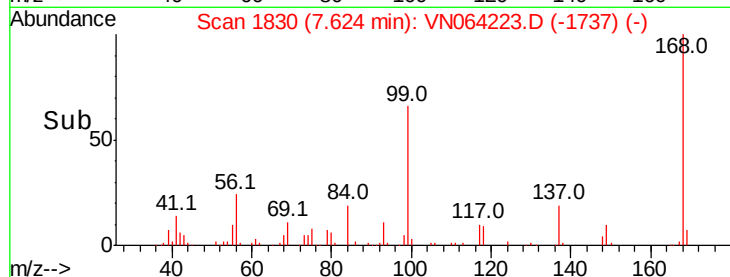
40000

20000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.120 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064223.D

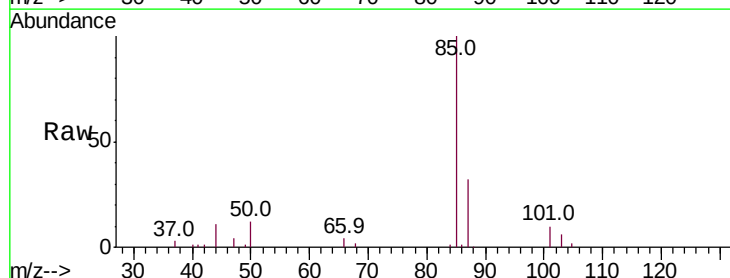
Acq: 21 Oct 2020 15:58

Tgt Ion: 85 Resp: 58497

Ion Ratio Lower Upper

85 100

87 32.2 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

50000

40000

30000

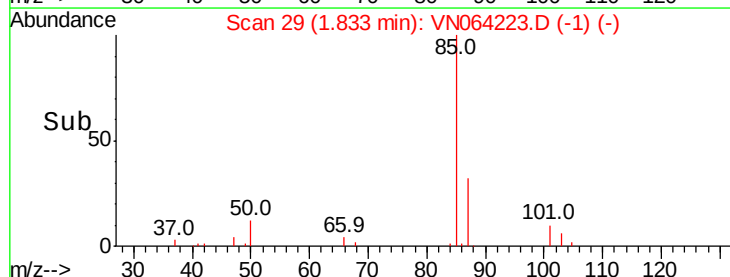
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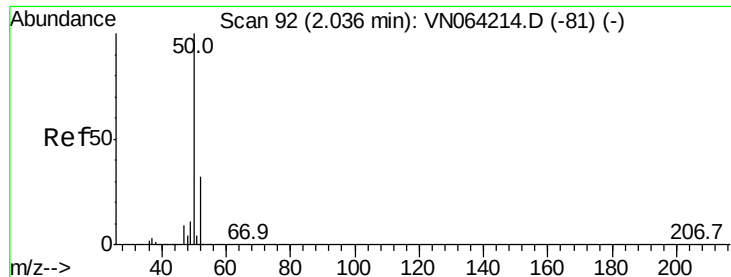
10000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 19.136 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

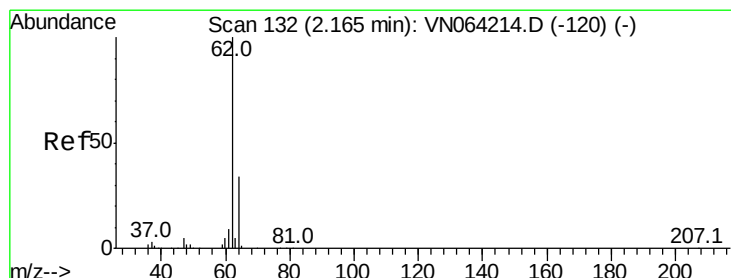
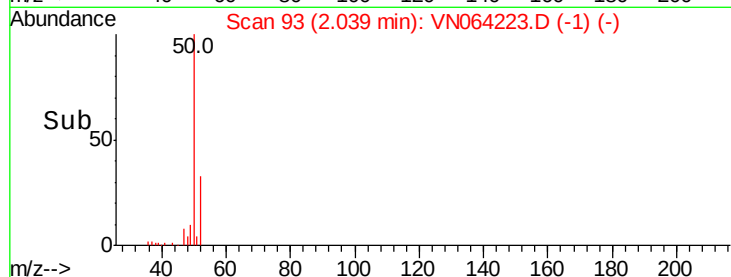
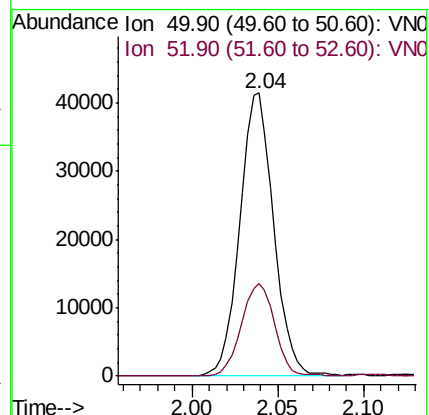
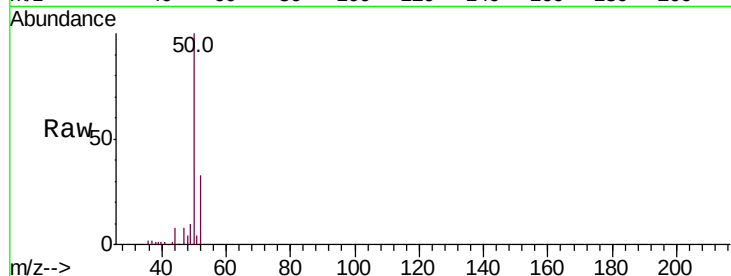
VN1021WBSD01

Tot Ion: 50 Resp: 56852

Ion Ratio Lower Upper

50 100

52 32.7 25.3 37.9



#4

Vinyl Chloride

Concen: 19.111 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN064223.D

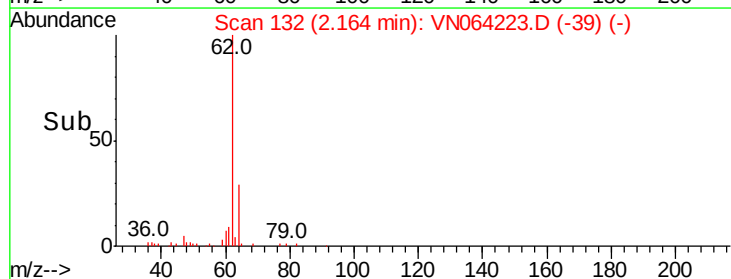
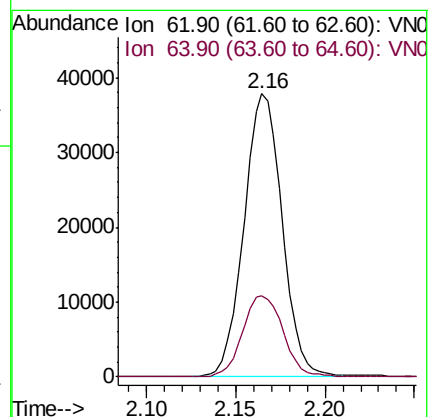
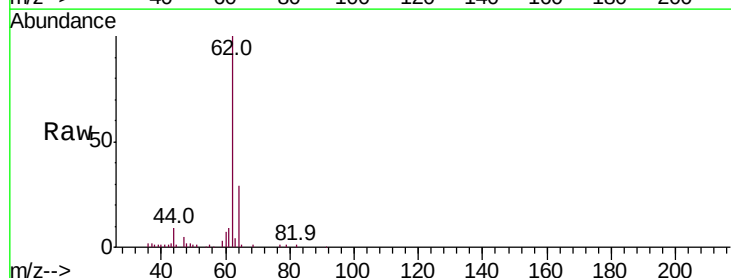
Acq: 21 Oct 2020 15:58

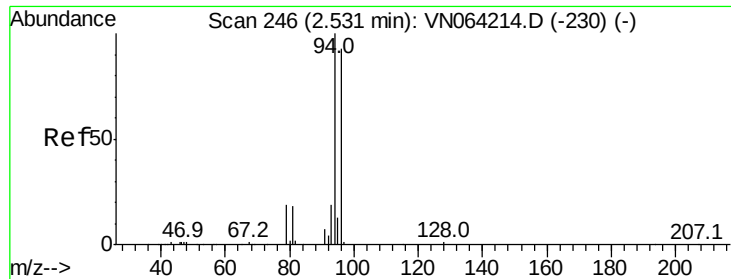
Tgt Ion: 62 Resp: 56293

Ion Ratio Lower Upper

62 100

64 28.9 26.8 40.2





#5

Bromomethane

Concen: 19.919 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

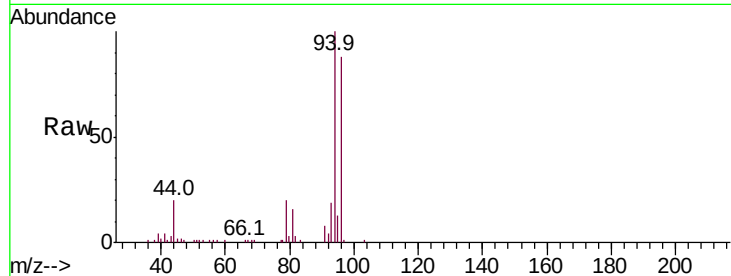
VN1021WBSD01

Tot Ion: 94 Resp: 38243

Ion Ratio Lower Upper

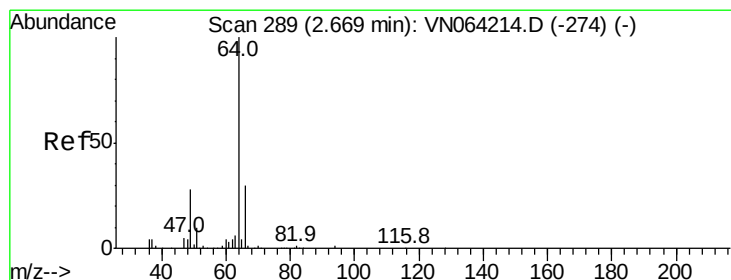
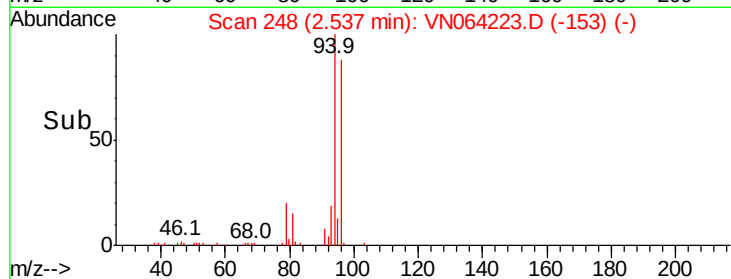
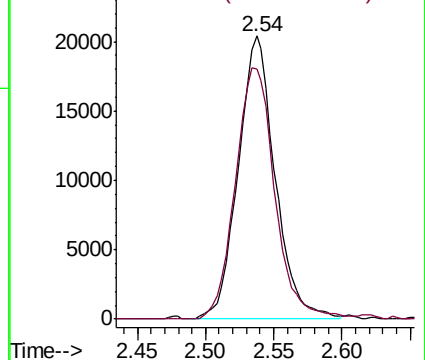
94 100

96 88.3 74.2 111.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.914 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064223.D

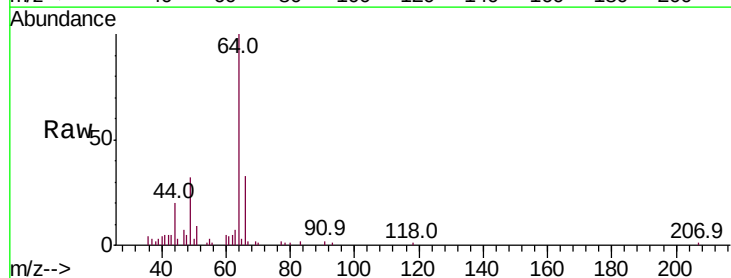
Acq: 21 Oct 2020 15:58

Tgt Ion: 64 Resp: 32122

Ion Ratio Lower Upper

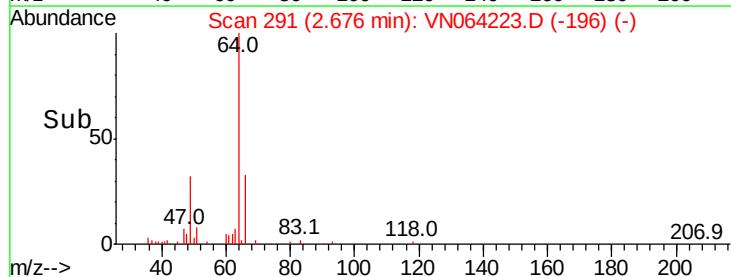
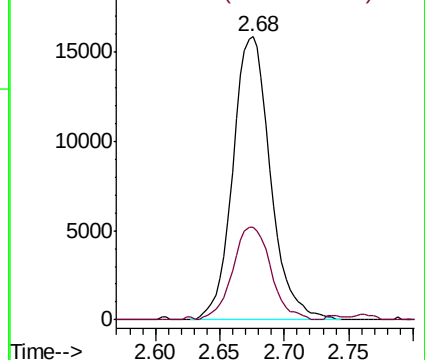
64 100

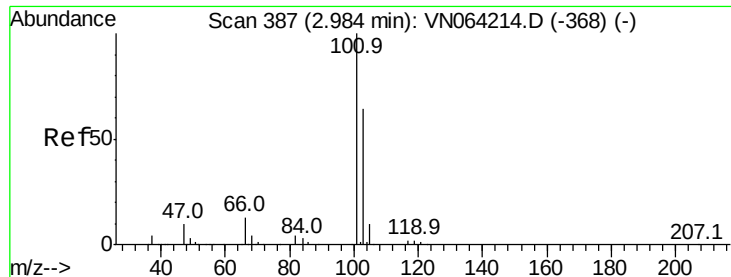
66 31.7 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



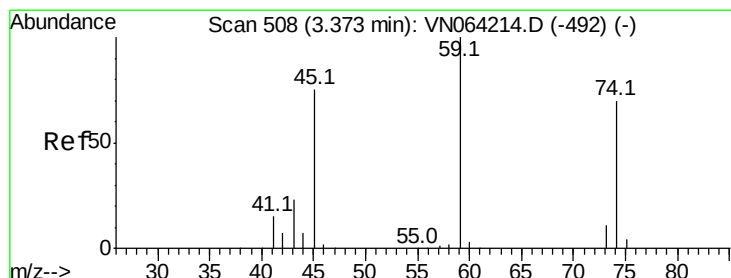
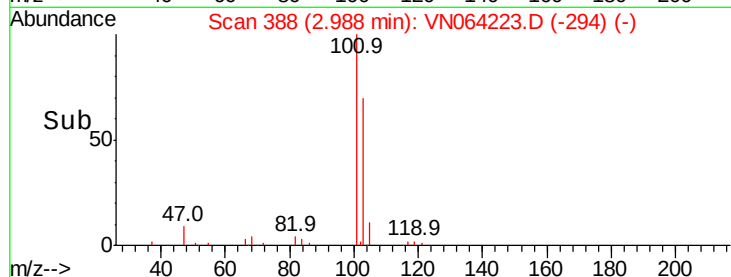
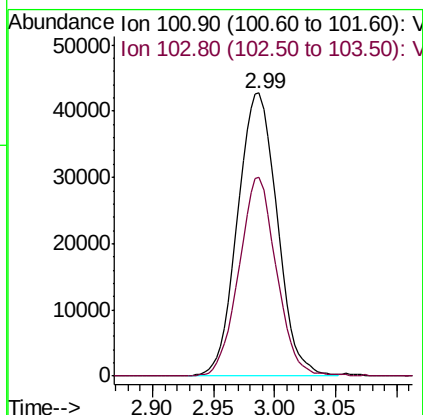
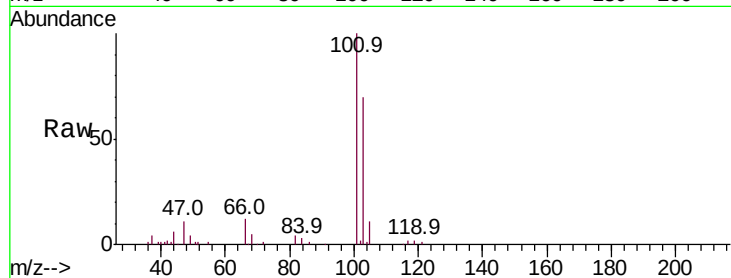


#7

Trichlorofluoromethane
 Concen: 19.840 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064223.D
 Acq: 21 Oct 2020 15:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD01

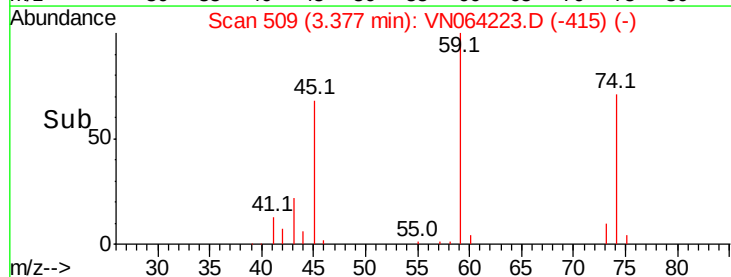
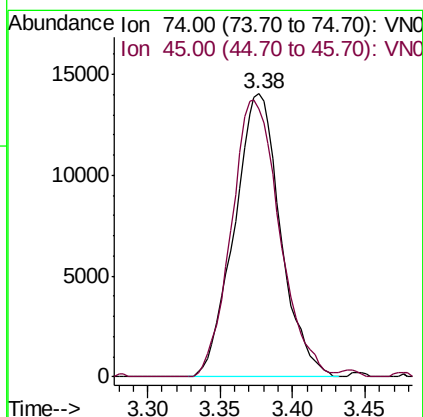
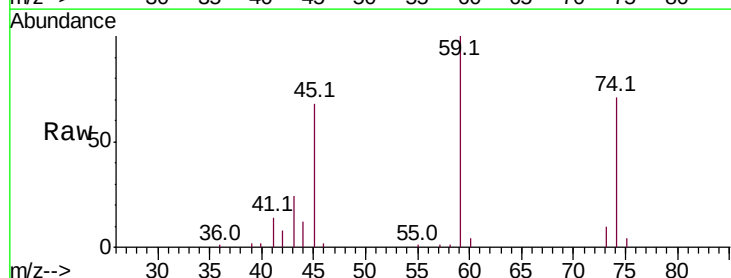
Tot Ion:101 Resp: 96105
 Ion Ratio Lower Upper
 101 100
 103 70.4 51.0 76.6

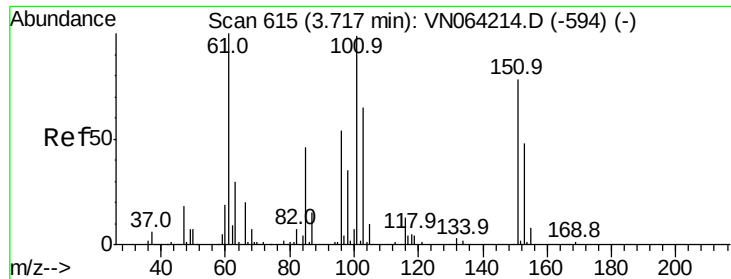


#8

Diethyl Ether
 Concen: 19.387 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064223.D
 Acq: 21 Oct 2020 15:58

Tgt Ion: 74 Resp: 31064
 Ion Ratio Lower Upper
 74 100
 45 102.6 51.3 154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.625 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD01

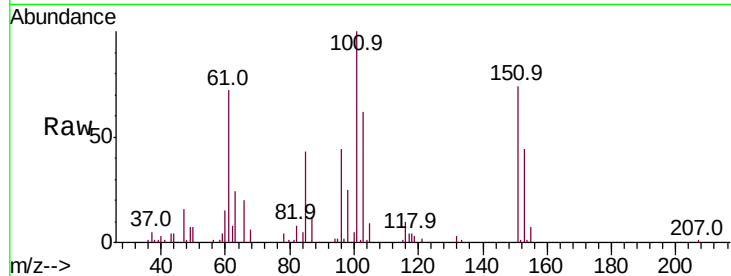
Tot Ion:101 Resp: 49157

Ion Ratio Lower Upper

101 100

85 44.5 37.8 56.8

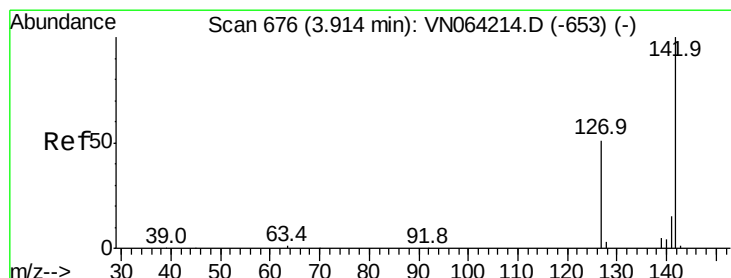
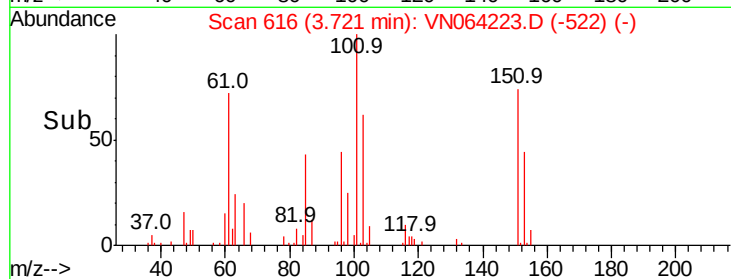
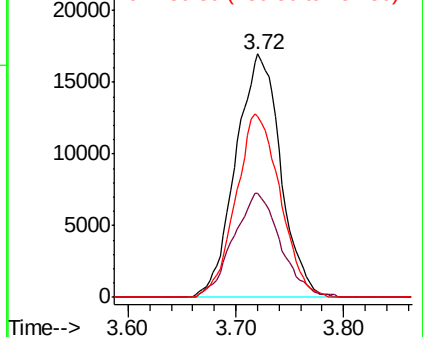
151 74.3 61.4 92.2



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: 17.292 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

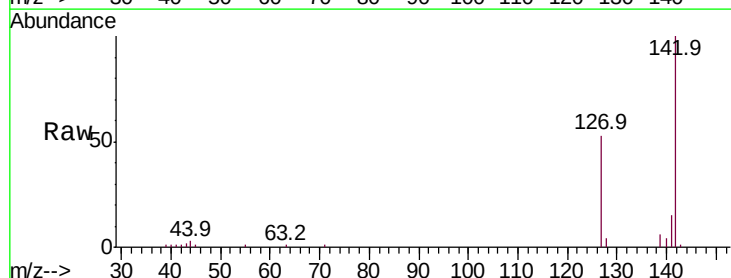
Tgt Ion:142 Resp: 61592

Ion Ratio Lower Upper

142 100

127 52.0 41.0 61.6

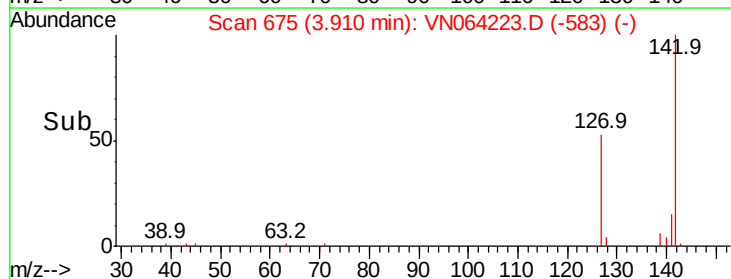
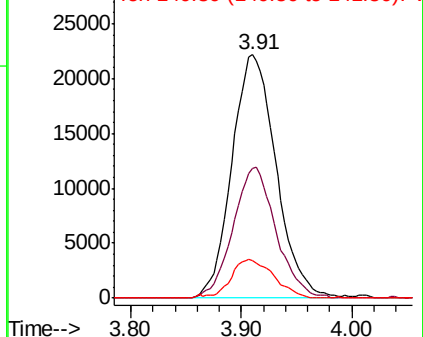
141 15.2 11.3 16.9

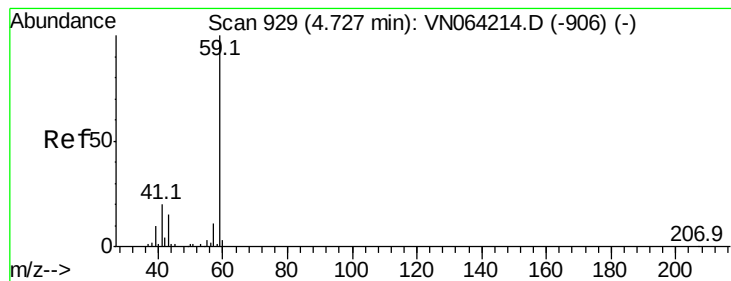


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 97.012 ug/l

RT: 4.73 min Scan# 931

Delta R.T. 0.01 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

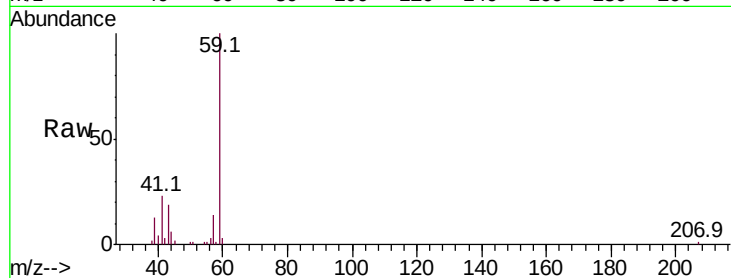
VN1021WBSD01

Tot Ion: 59 Resp: 49574

Ion Ratio Lower Upper

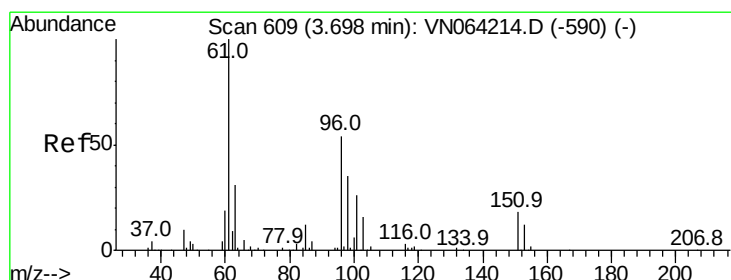
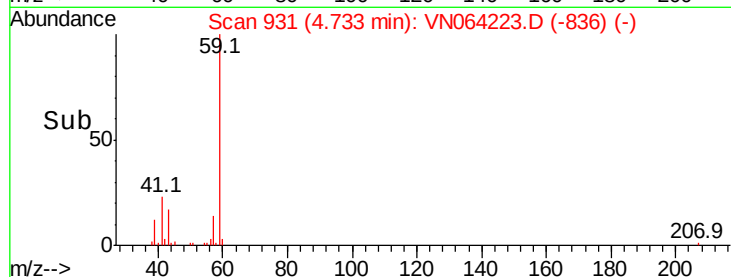
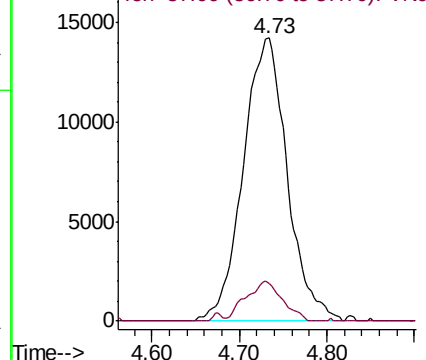
59 100

57 11.8 9.2 13.8



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 17.976 ug/l

RT: 3.70 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

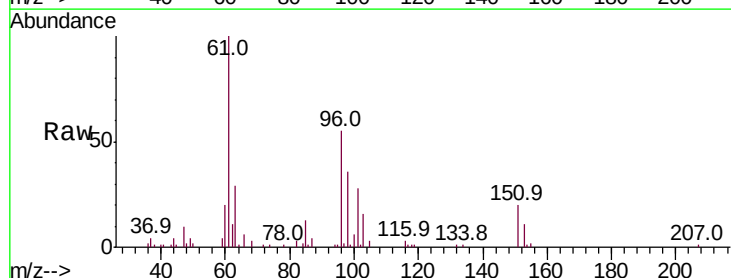
Tgt Ion: 96 Resp: 43308

Ion Ratio Lower Upper

96 100

61 180.3 147.0 220.4

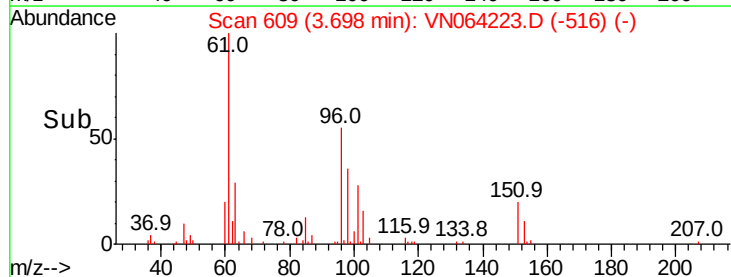
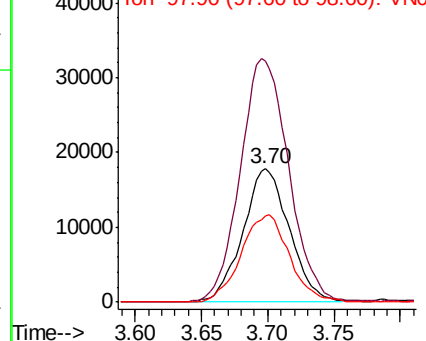
98 64.5 51.7 77.5

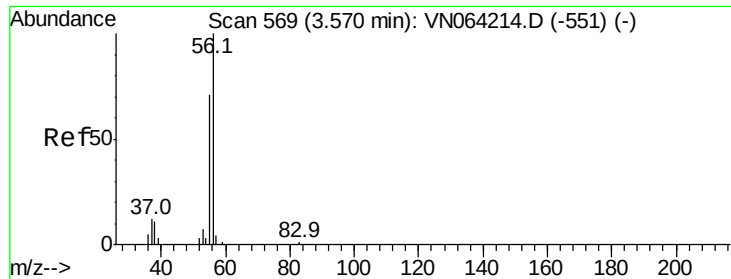


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 75.155 ug/l

RT: 3.57 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

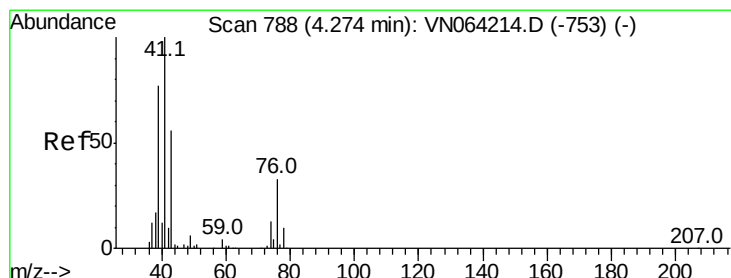
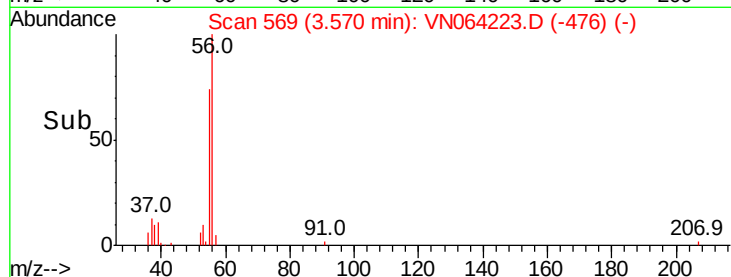
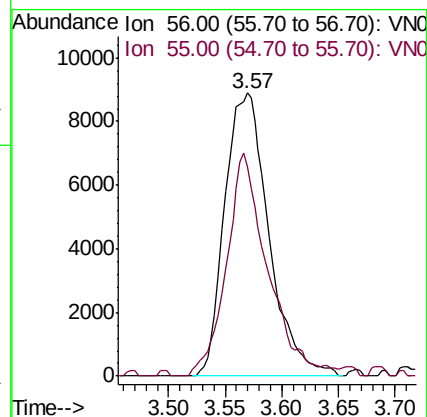
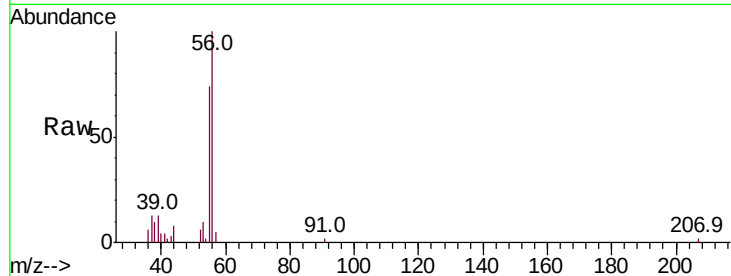
VN1021WBSD01

Tot Ion: 56 Resp: 24108

Ion Ratio Lower Upper

56 100

55 73.7 56.1 84.1



#14

Allyl chloride

Concen: 17.612 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

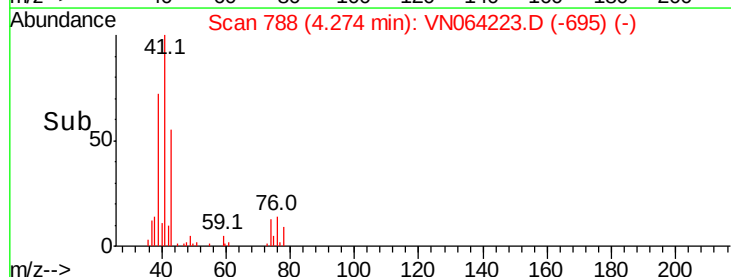
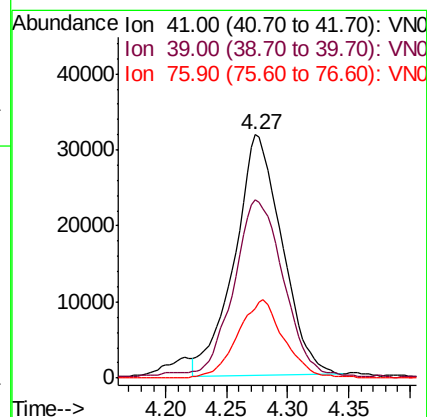
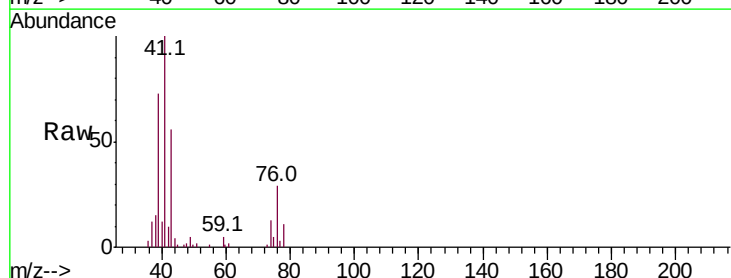
Tgt Ion: 41 Resp: 84921

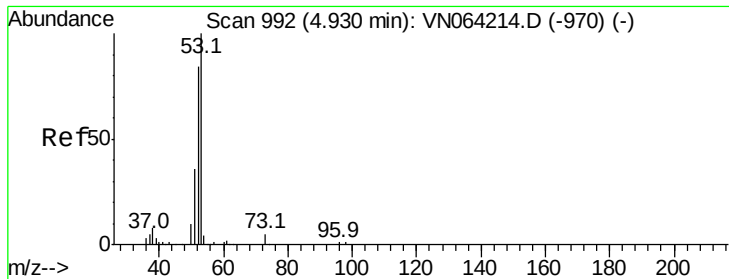
Ion Ratio Lower Upper

41 100

39 77.5 58.6 88.0

76 32.0 24.5 36.7





#15

Acrylonitrile

Concen: 98.158 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD01

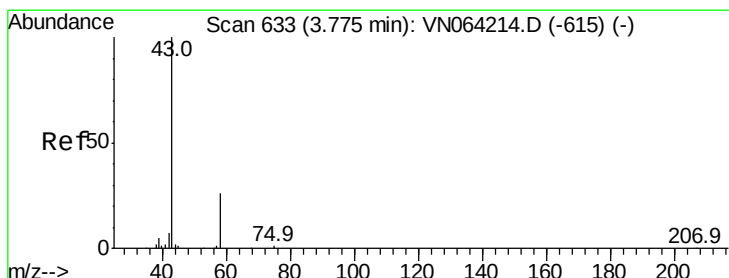
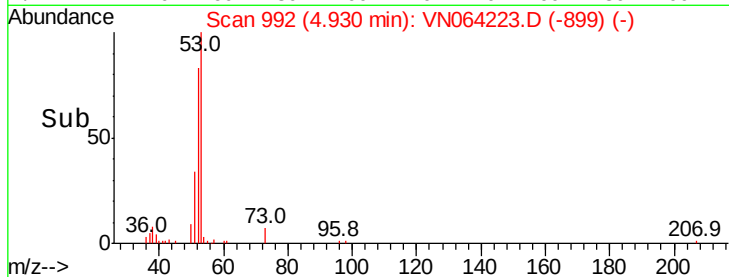
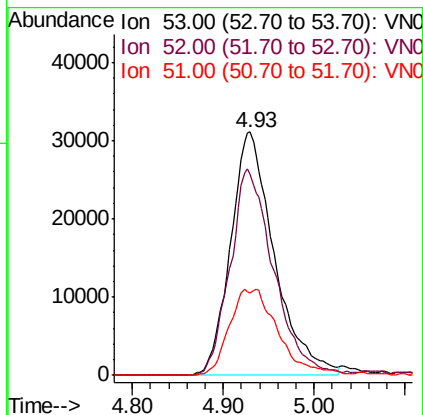
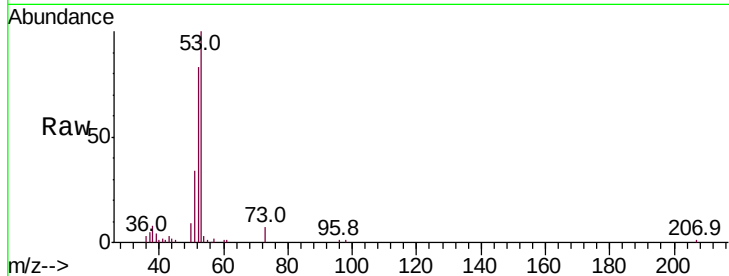
Tot Ion: 53 Resp: 103721

Ion Ratio Lower Upper

53 100

52 84.4 66.8 100.2

51 17.5 30.7 46.1#



#16

Acetone

Concen: 97.419 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN064223.D

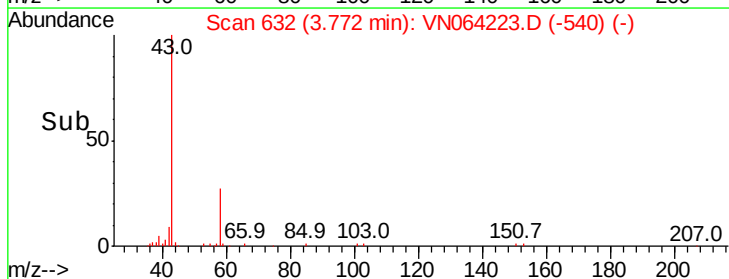
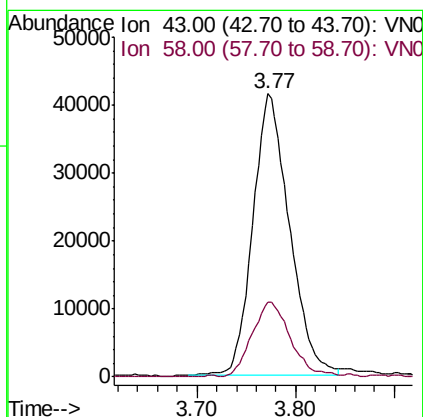
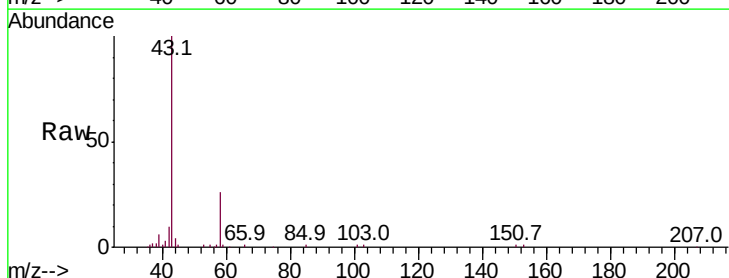
Acq: 21 Oct 2020 15:58

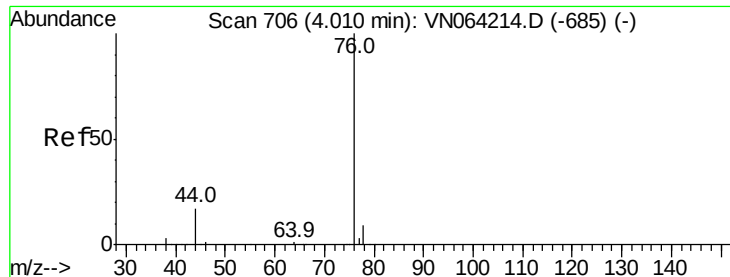
Tgt Ion: 43 Resp: 106408

Ion Ratio Lower Upper

43 100

58 26.5 21.0 31.4

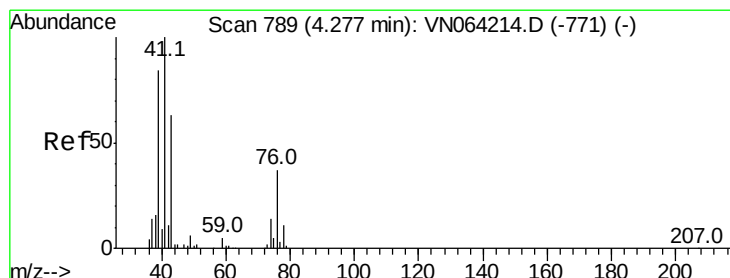
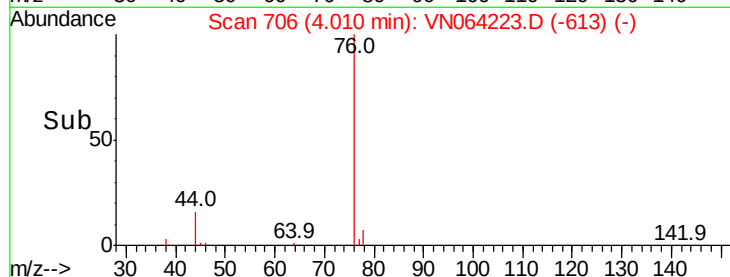
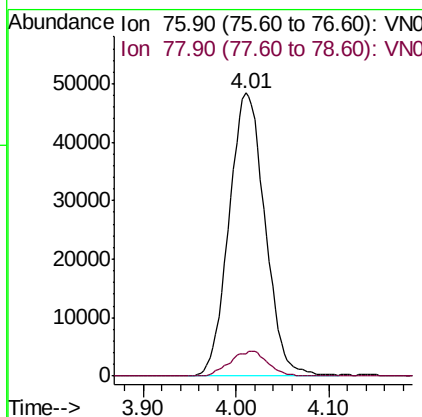
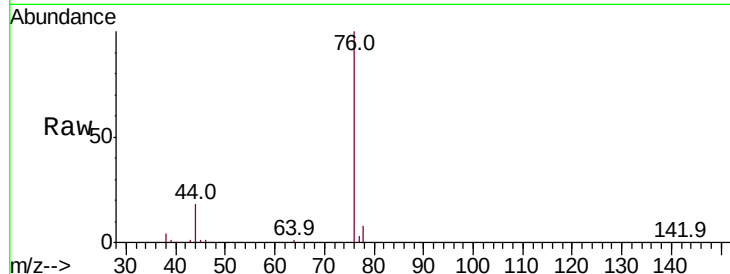




#17
Carbon Disulfide
Concen: 18.992 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN064223.D
Acq: 21 Oct 2020 15:58

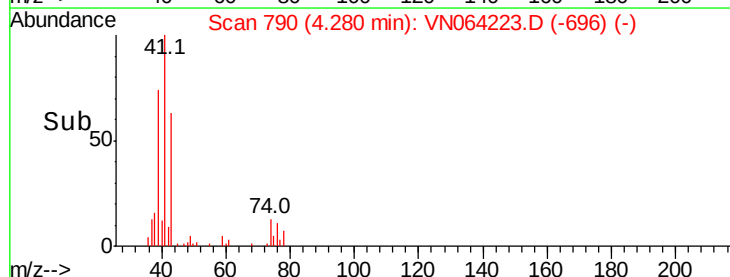
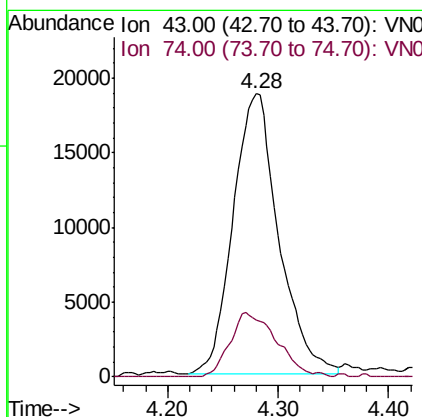
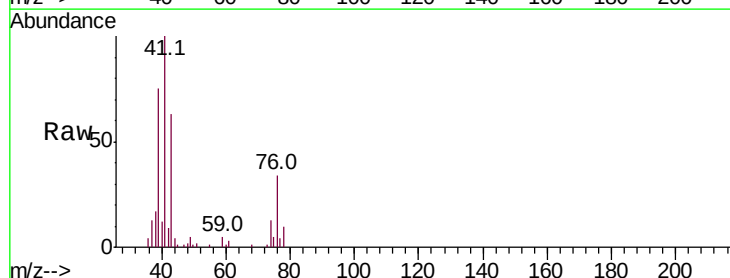
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01

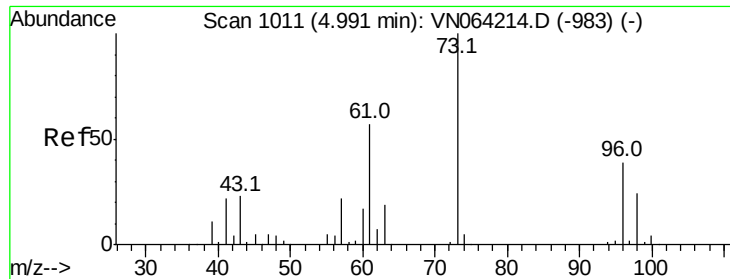
Tot Ion: 76 Resp: 130520
Ion Ratio Lower Upper
76 100
78 8.0 7.1 10.7



#18
Methyl Acetate
Concen: 19.304 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064223.D
Acq: 21 Oct 2020 15:58

Tgt Ion: 43 Resp: 53729
Ion Ratio Lower Upper
43 100
74 23.2 17.9 26.9

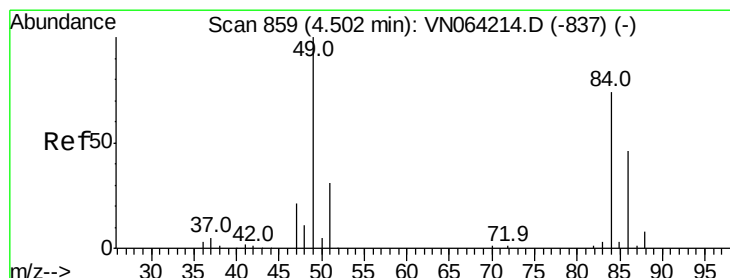
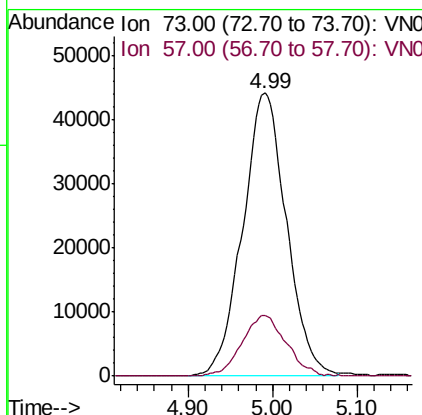
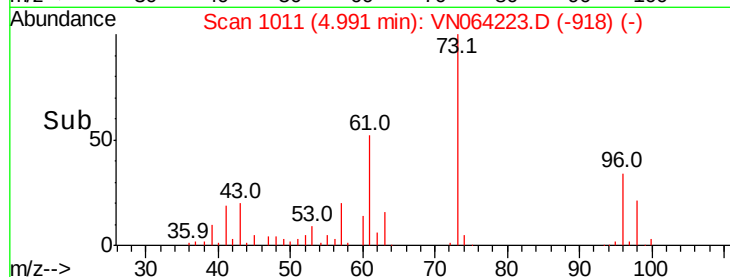
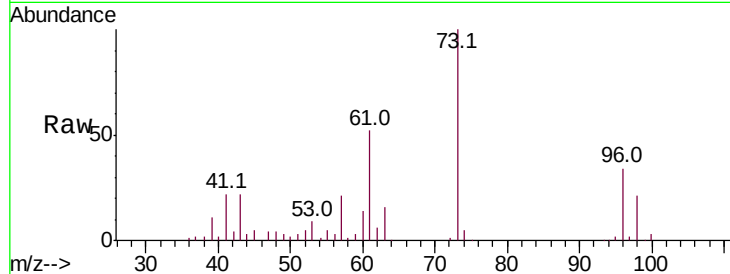




#19
Methyl tert-butyl Ether
Concen: 19.199 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN064223.D
Acq: 21 Oct 2020 15:58

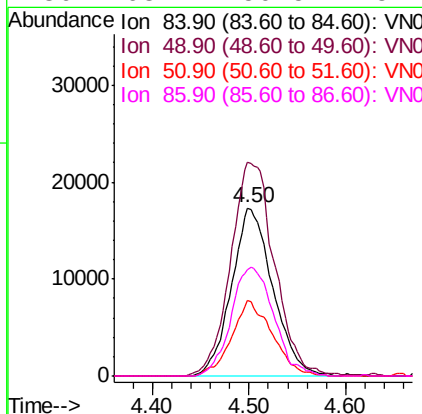
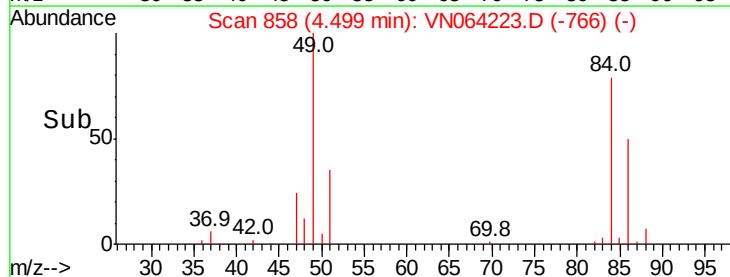
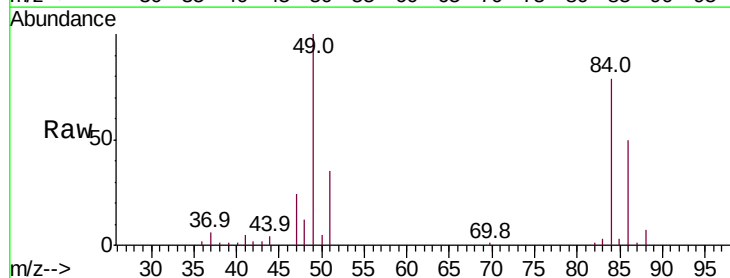
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01

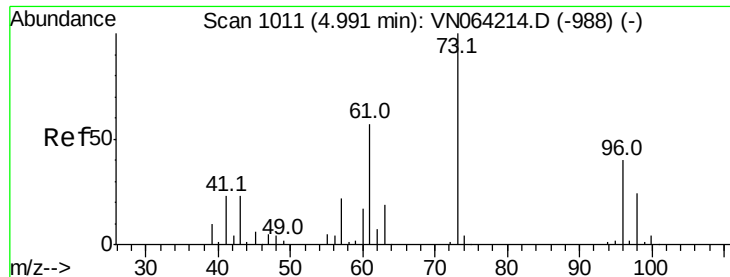
Tot Ion: 73 Resp: 159016
Ion Ratio Lower Upper
73 100
57 21.5 18.0 27.0



#20
Methylene Chloride
Concen: 17.699 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064223.D
Acq: 21 Oct 2020 15:58

Tgt Ion: 84 Resp: 51550
Ion Ratio Lower Upper
84 100
49 126.3 108.5 162.7
51 44.6 33.8 50.8
86 63.7 50.5 75.7

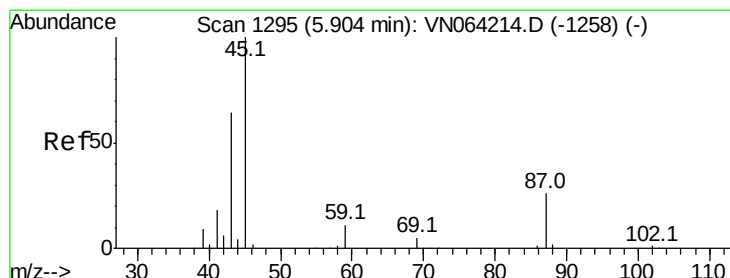
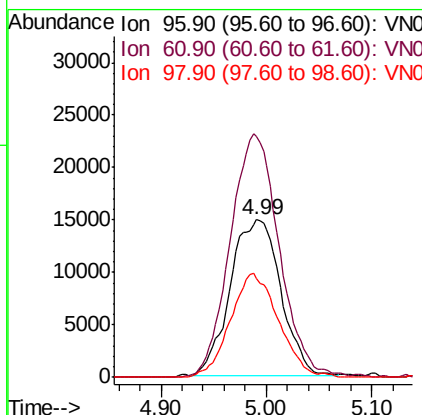
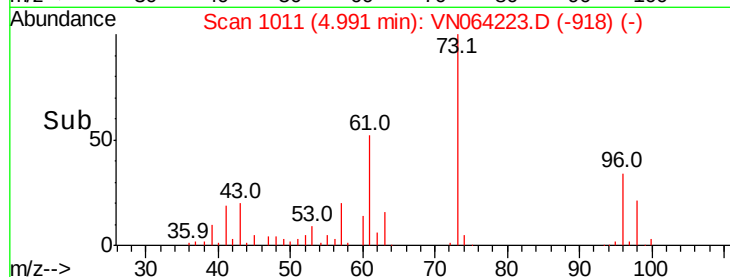
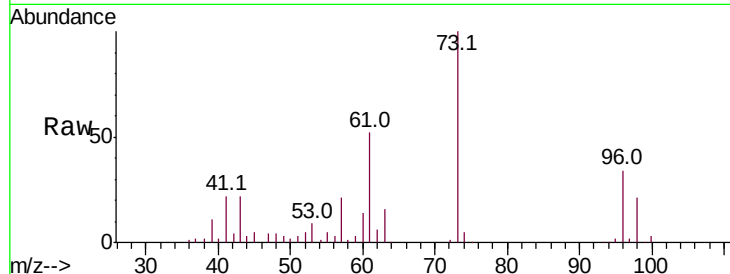




#21
trans-1,2-Dichloroethene
Concen: 18.541 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN064223.D
Acq: 21 Oct 2020 15:58

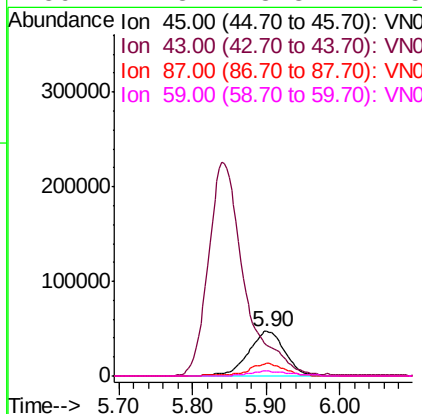
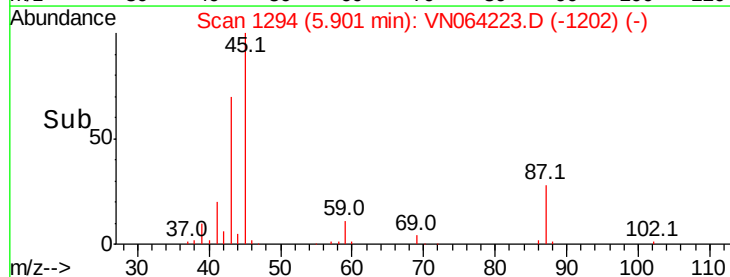
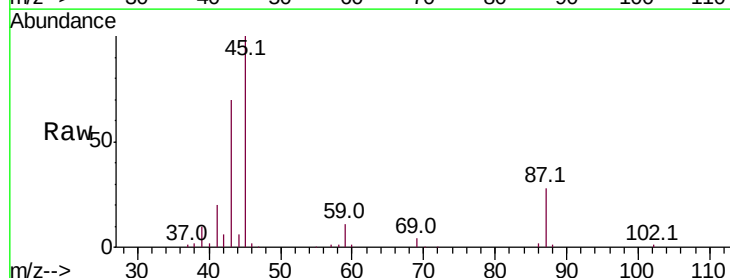
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01

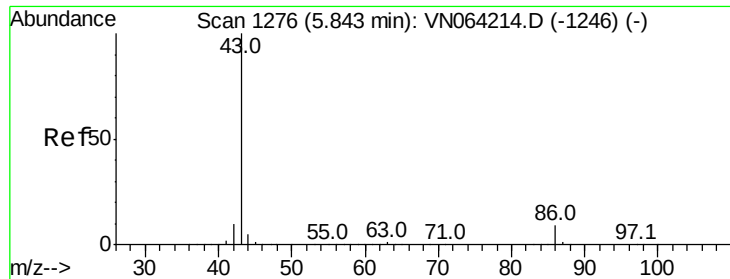
Tot Ion: 96 Resp: 49258
Ion Ratio Lower Upper
96 100
61 153.8 115.8 173.6
98 63.8 49.4 74.0



#22
Diisopropyl ether
Concen: 18.269 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN064223.D
Acq: 21 Oct 2020 15:58

Tgt Ion: 45 Resp: 163757
Ion Ratio Lower Upper
45 100
43 66.4 52.2 78.4
87 28.3 21.4 32.0
59 11.3 8.3 12.5





#23

Vinyl Acetate

Concen: 96.087 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

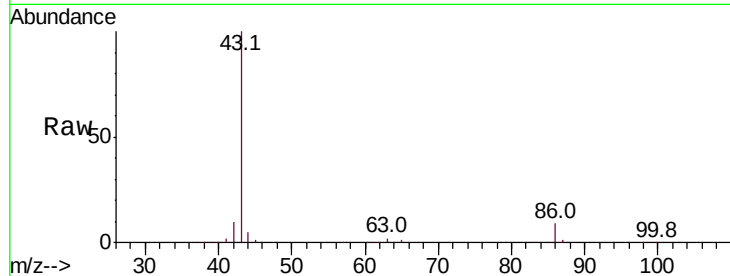
VN1021WBSD01

Tot Ion: 43 Resp: 768110

Ion Ratio Lower Upper

43 100

86 9.0 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VN064223.D (-1183) (-)

Ion 86.00 (85.70 to 86.70): VN064223.D (-1183) (-)

5.84

250000

200000

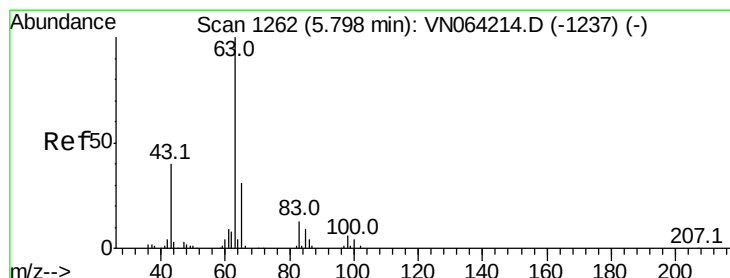
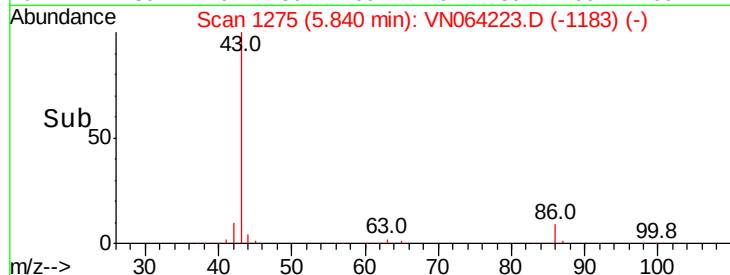
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.062 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

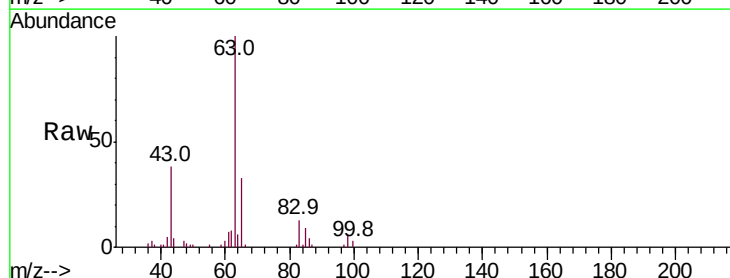
Tgt Ion: 63 Resp: 98982

Ion Ratio Lower Upper

63 100

98 5.6 2.9 8.7

100 3.3 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN064223.D (-1169) (-)

Ion 97.90 (97.60 to 98.60): VN064223.D (-1169) (-)

Ion 99.90 (99.60 to 100.60): VN064223.D (-1169) (-)

5.80

40000

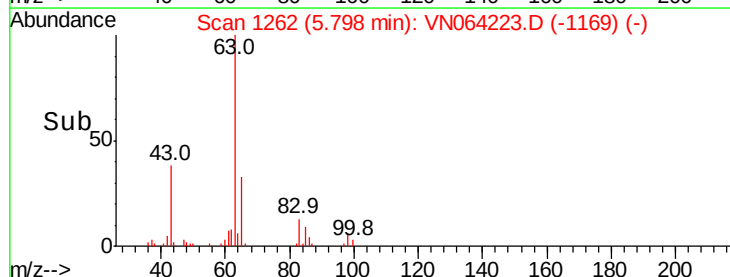
30000

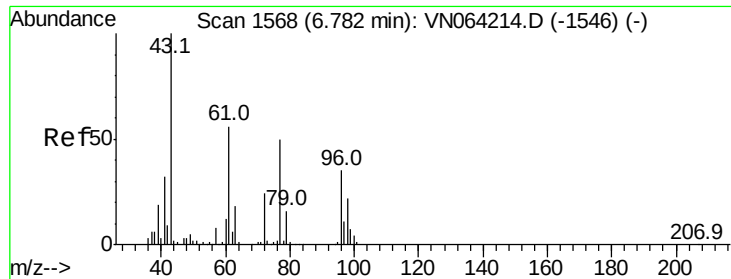
20000

10000

0

Time-->

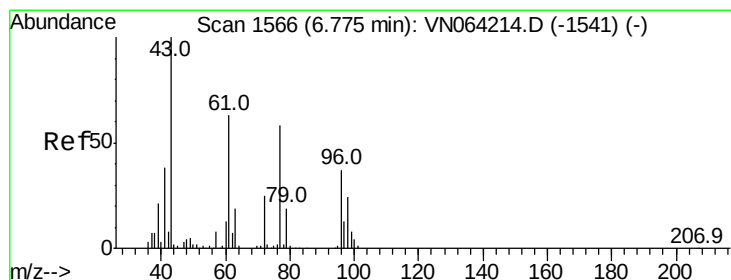
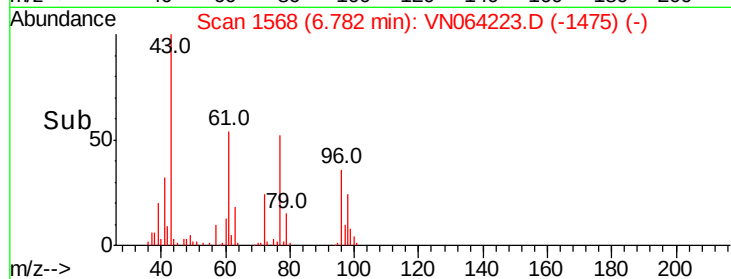
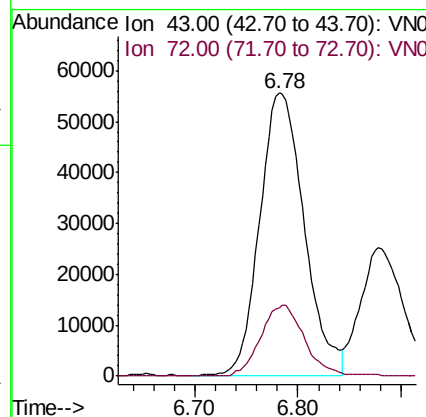
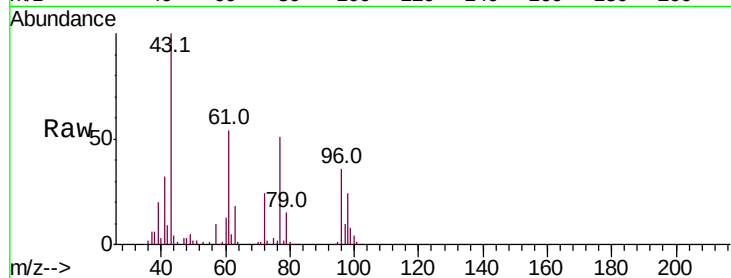




#25
2-Butanone
Concen: 96.251 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VN064223.D
Acq: 21 Oct 2020 15:58

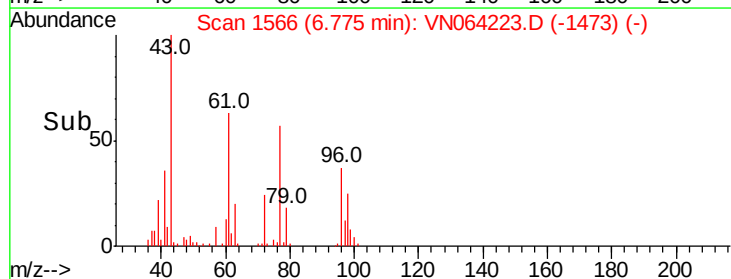
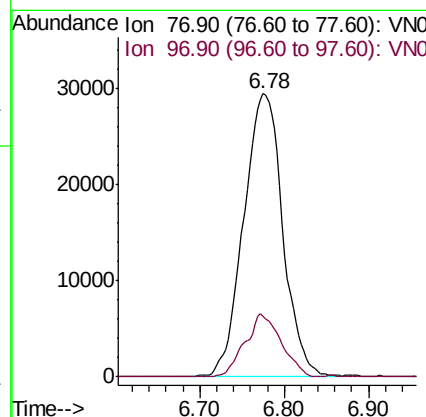
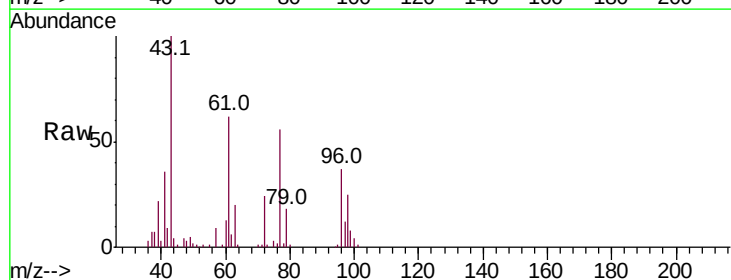
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01

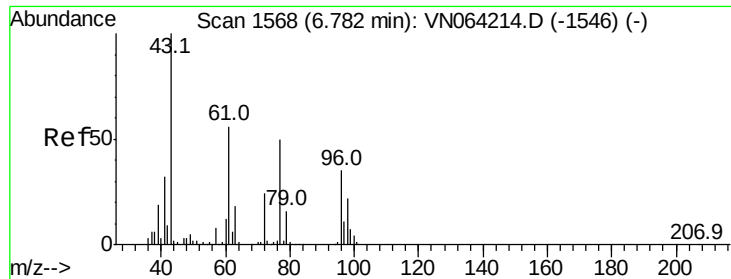
Tot Ion: 43 Resp: 167031
Ion Ratio Lower Upper
43 100
72 24.2 19.4 29.0



#26
2,2-Dichloropropane
Concen: 18.372 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN064223.D
Acq: 21 Oct 2020 15:58

Tgt Ion: 77 Resp: 94976
Ion Ratio Lower Upper
77 100
97 20.6 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 19.288 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

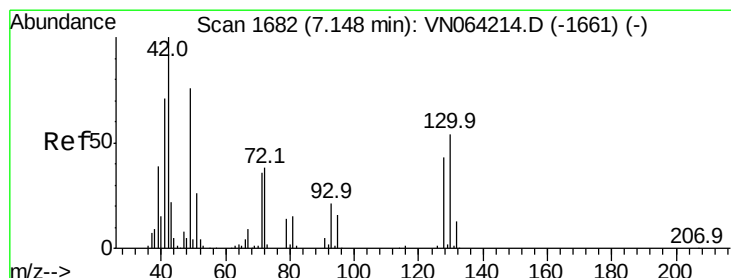
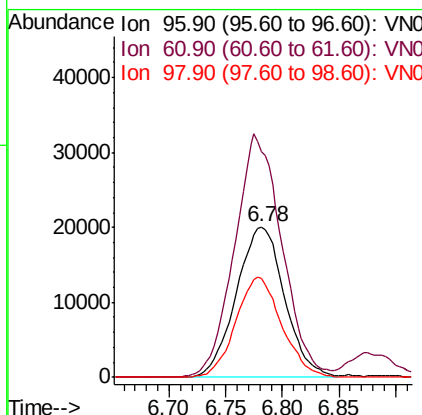
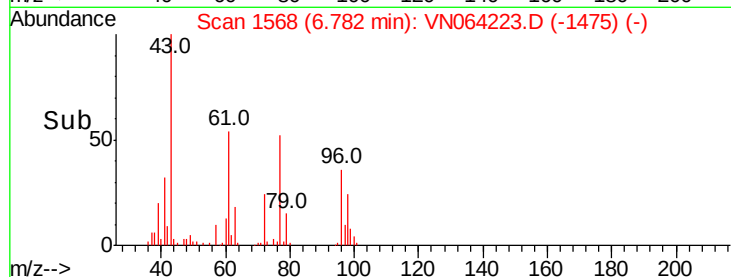
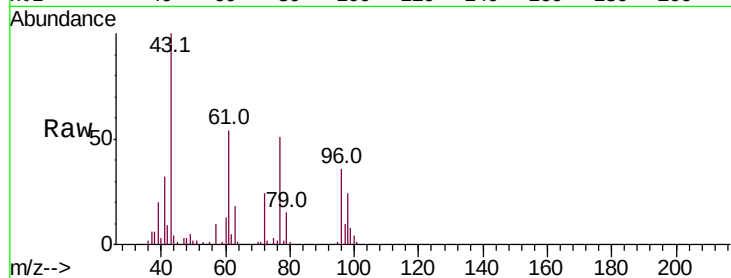
Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01

Tot Ion: 96 Resp: 59673

Ion	Ratio	Lower	Upper
96	100		
61	158.7	0.0	330.0
98	63.1	0.0	130.6



#28

Bromochloromethane

Concen: 20.875 ug/l

RT: 7.15 min Scan# 1683

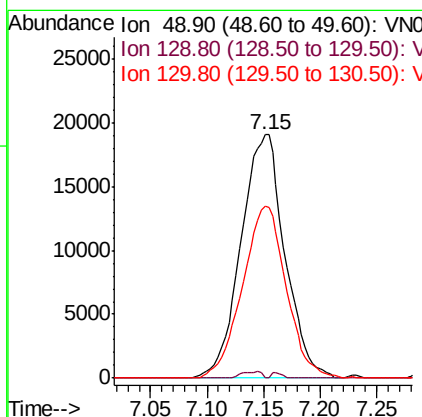
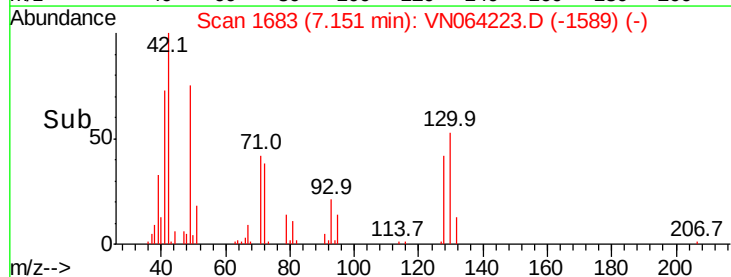
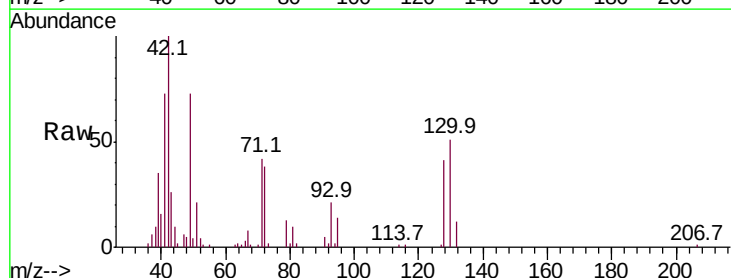
Delta R.T. 0.00 min

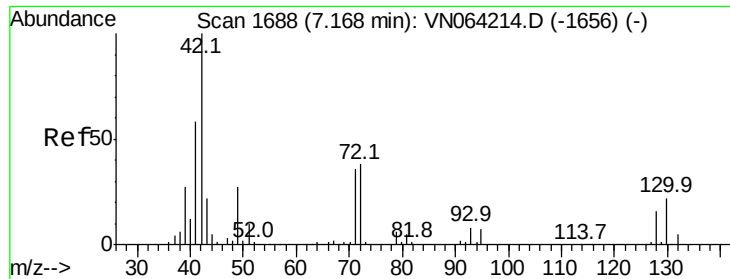
Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

Tgt Ion: 49 Resp: 51497

Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	2.8
130	70.4	58.8	88.2





#29

Tetrahydrofuran

Concen: 98.053 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD01

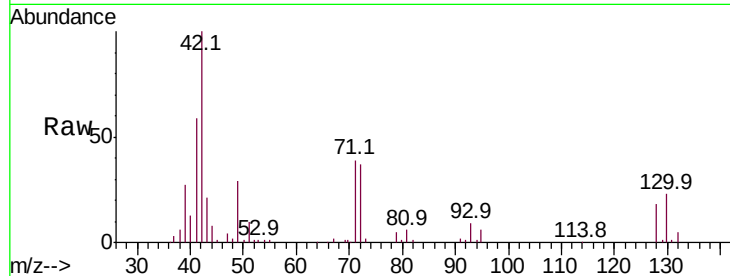
Tot Ion: 42 Resp: 101784

Ion Ratio Lower Upper

42 100

72 39.5 30.8 46.2

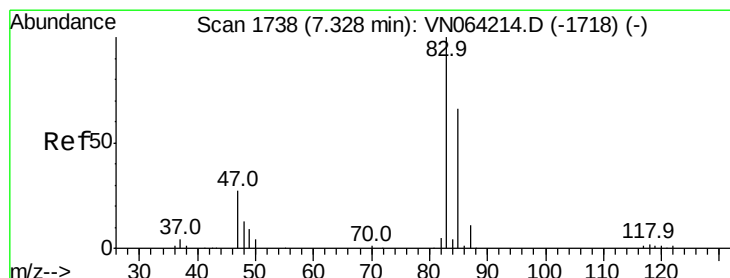
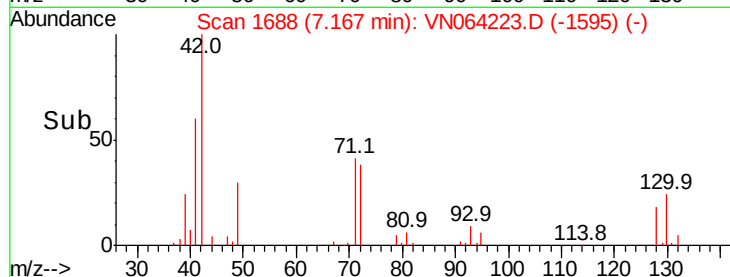
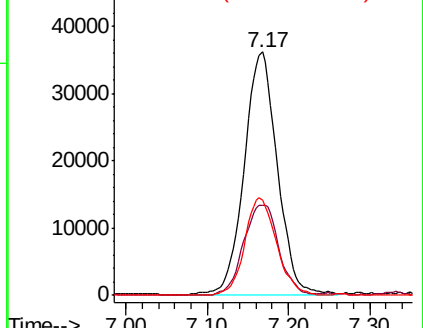
71 38.3 29.0 43.6



Abundance Ion 42.00 (41.70 to 42.70): VN064214.D (-1656) (-)

Ion 72.00 (71.70 to 72.70): VN064214.D (-1656) (-)

Ion 71.00 (70.70 to 71.70): VN064214.D (-1656) (-)



#30

Chloroform

Concen: 18.779 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN064223.D

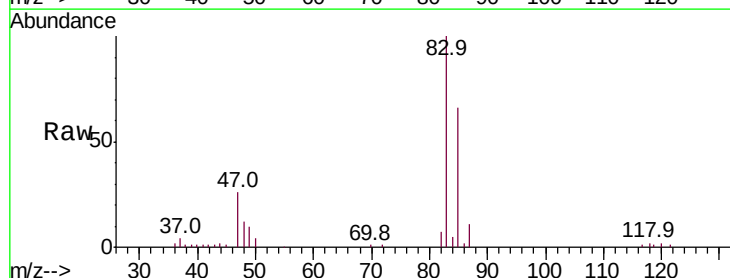
Acq: 21 Oct 2020 15:58

Tgt Ion: 83 Resp: 104018

Ion Ratio Lower Upper

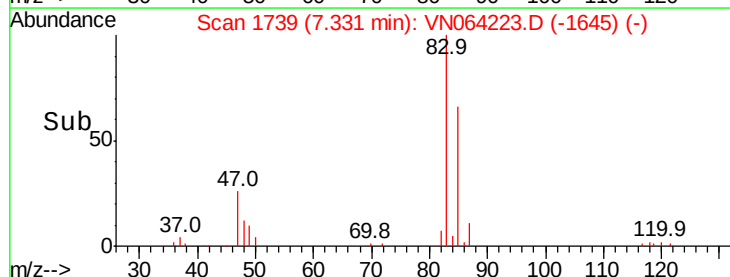
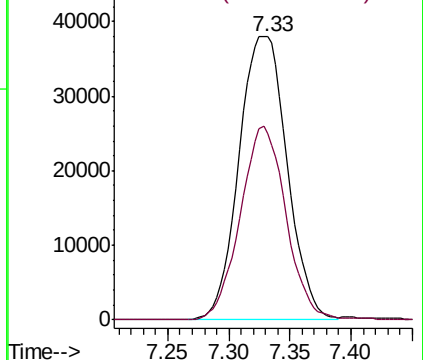
83 100

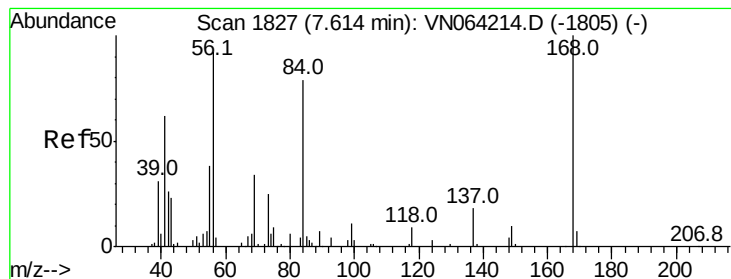
85 65.6 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN064214.D (-1718) (-)

Ion 84.90 (84.60 to 85.60): VN064214.D (-1718) (-)





#31

Cyclohexane

Concen: 17.915 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD01

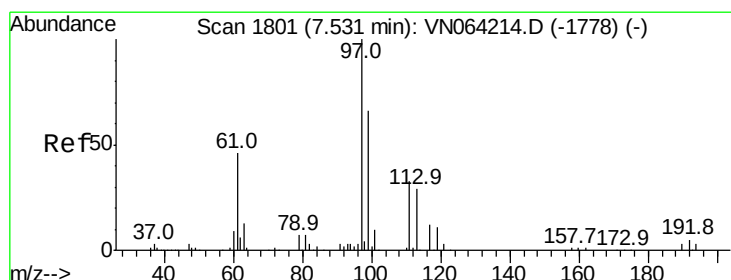
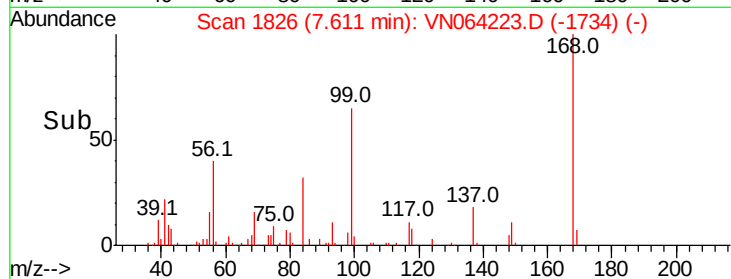
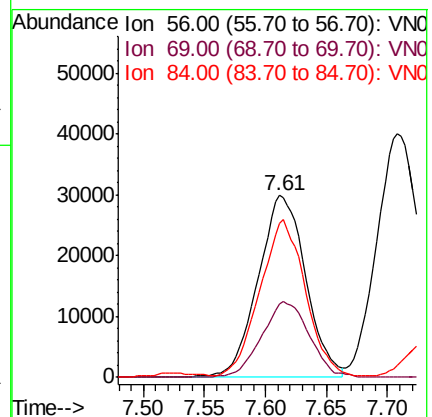
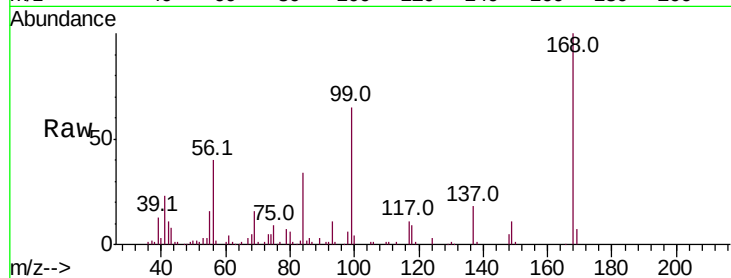
Tot Ion: 56 Resp: 81073

Ion Ratio Lower Upper

56 100

69 40.6 29.8 44.6

84 83.2 68.1 102.1



#32

1,1,1-Trichloroethane

Concen: 18.504 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

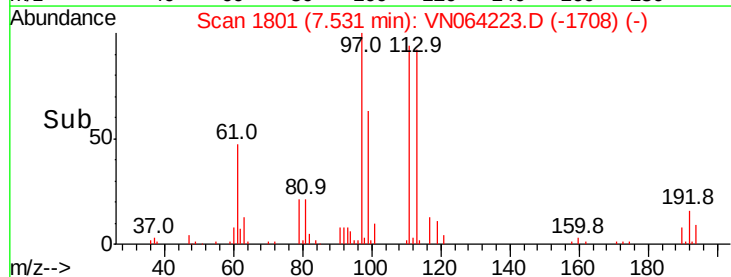
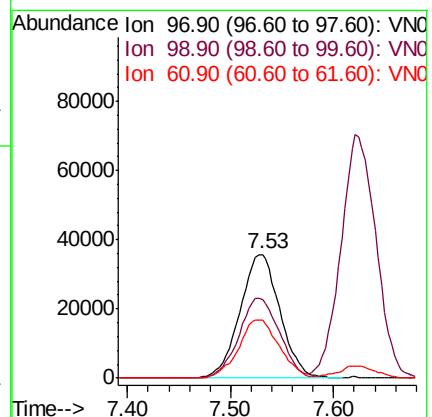
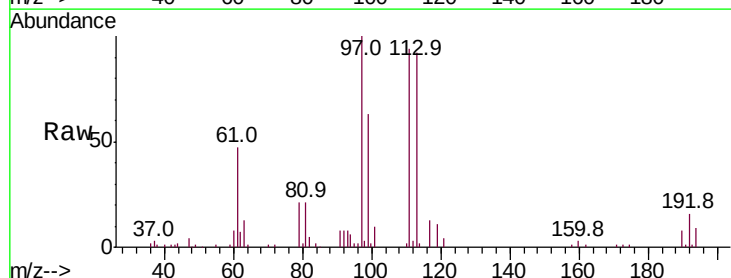
Tgt Ion: 97 Resp: 96016

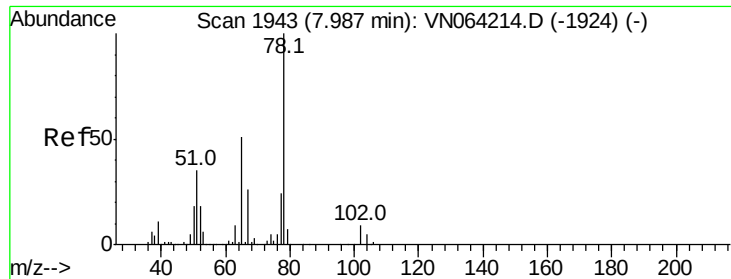
Ion Ratio Lower Upper

97 100

99 65.6 51.2 76.8

61 48.0 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 50.995 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

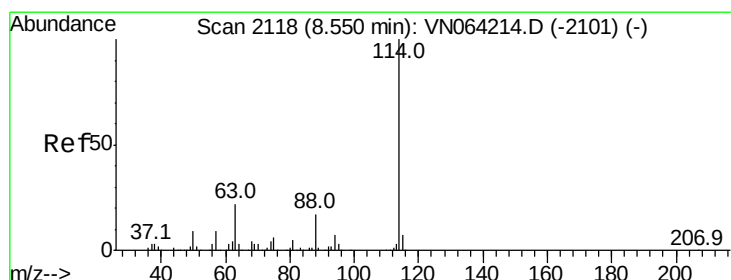
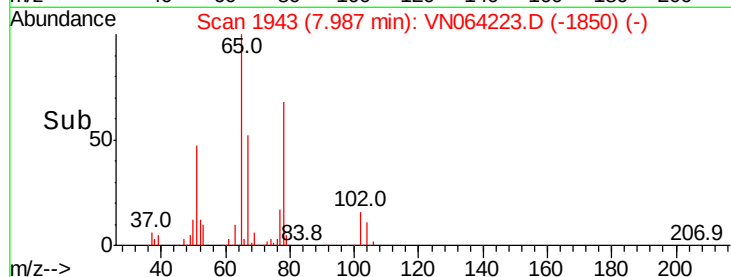
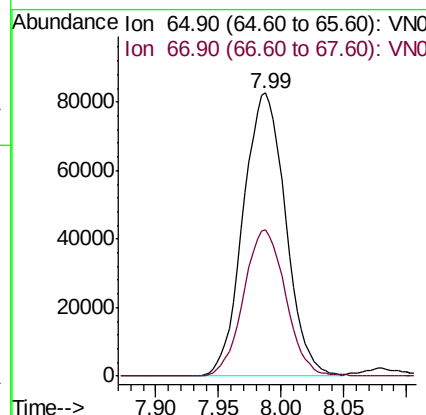
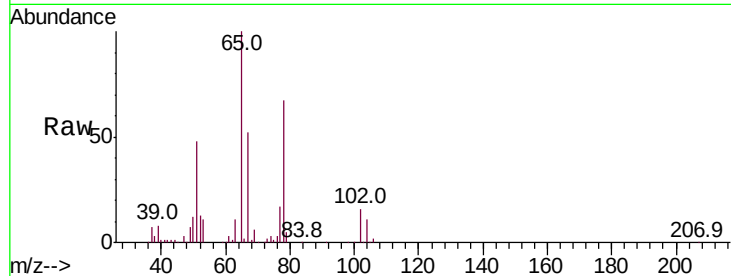
Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01

Tot Ion: 65 Resp: 194671

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

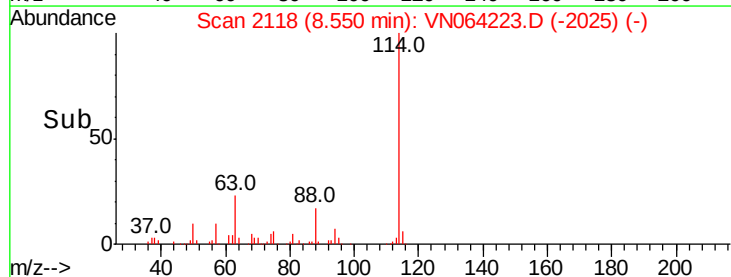
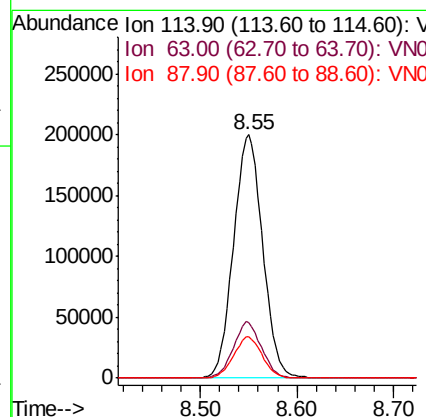
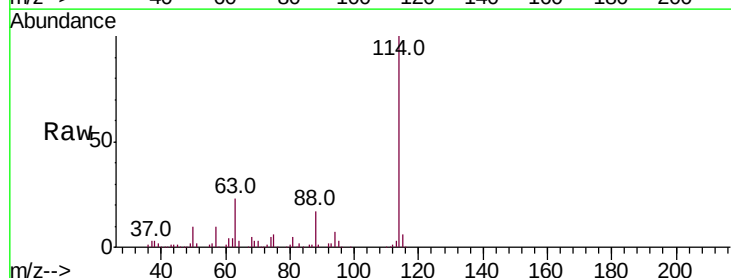
Delta R.T. -0.00 min

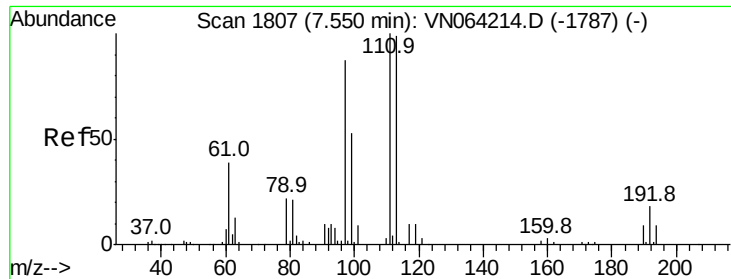
Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

Tgt Ion: 114 Resp: 418436

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	44.0
88	17.0	0.0	34.2

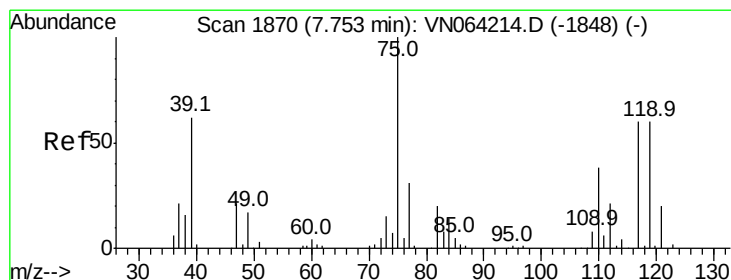
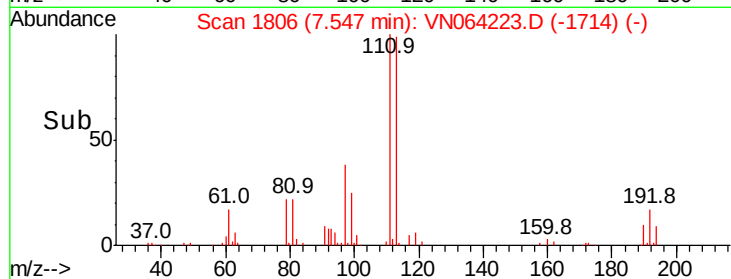
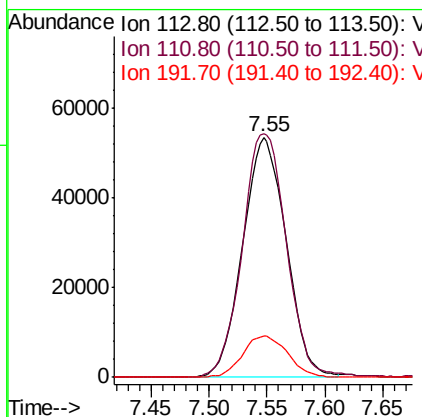
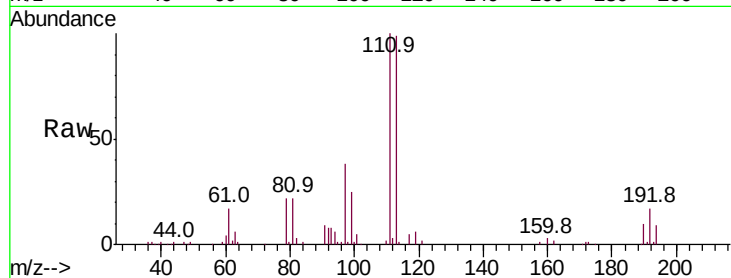




#35
 Dibromofluoromethane
 Concen: 49.941 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064223.D
 Acq: 21 Oct 2020 15:58

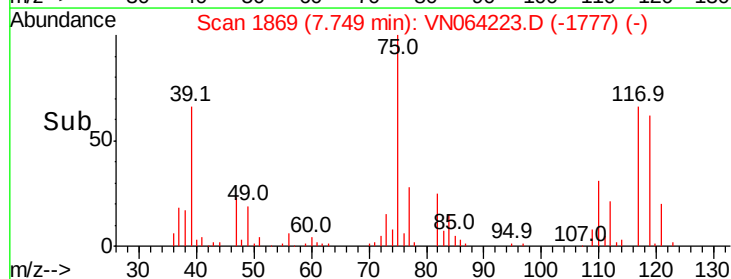
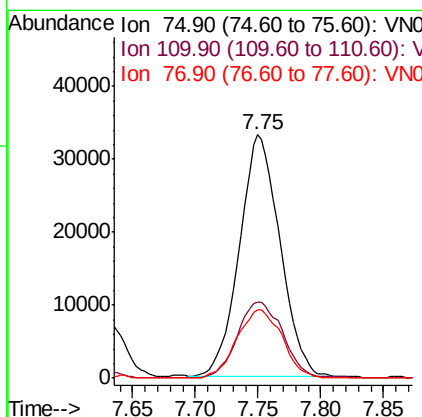
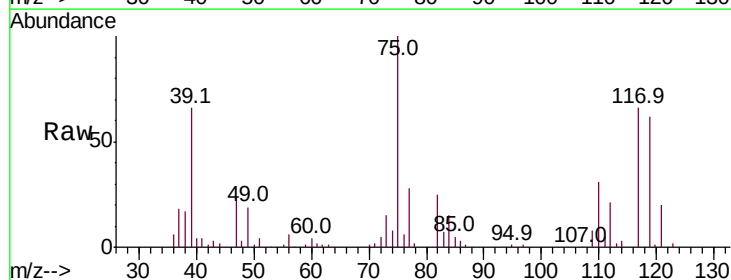
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD01

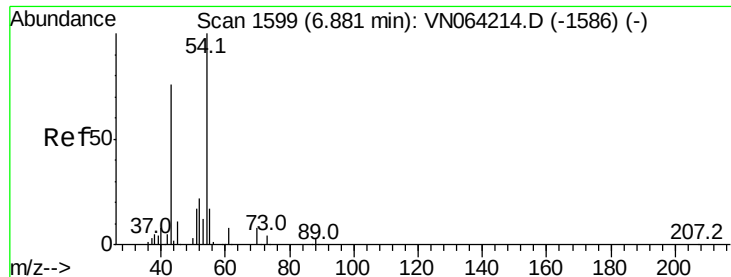
Tot Ion:113 Resp: 138935
 Ion Ratio Lower Upper
 113 100
 111 103.7 84.2 126.2
 192 17.9 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 17.857 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064223.D
 Acq: 21 Oct 2020 15:58

Tgt Ion: 75 Resp: 74490
 Ion Ratio Lower Upper
 75 100
 110 35.5 17.2 51.6
 77 31.4 24.9 37.3

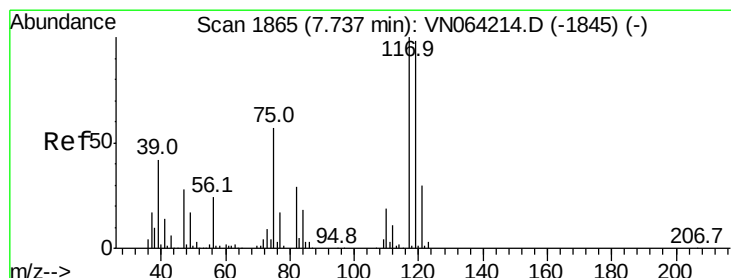
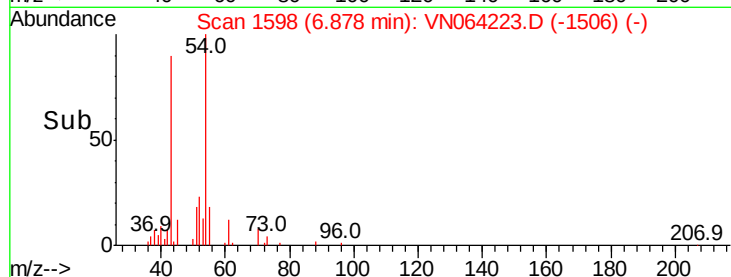
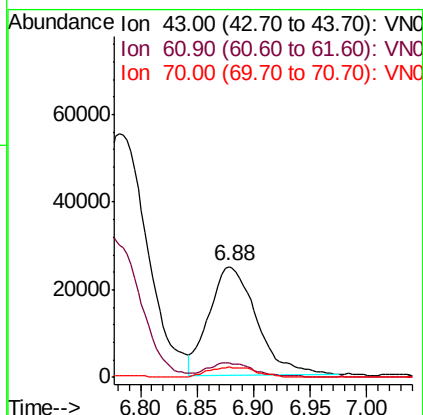
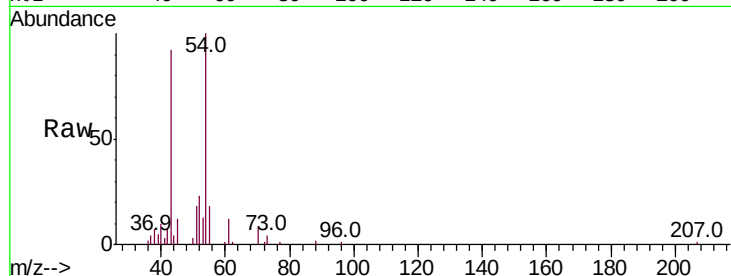




#37
Ethyl Acetate
Concen: 19.273 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN064223.D
Acq: 21 Oct 2020 15:58

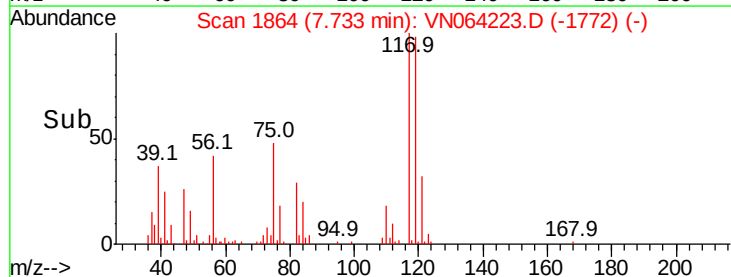
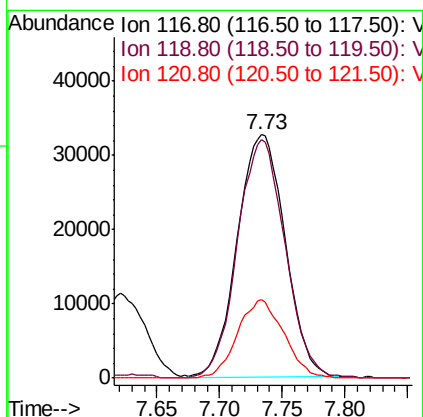
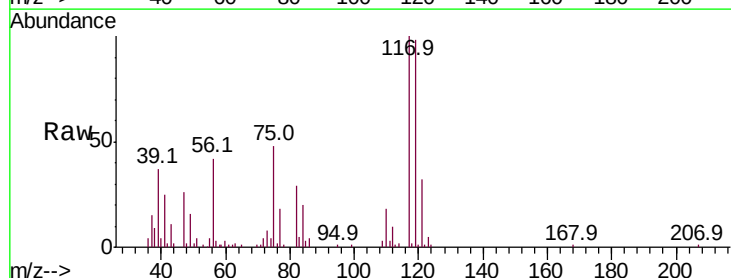
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01

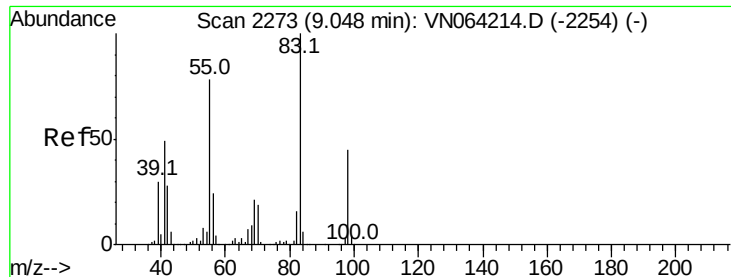
Tot Ion: 43 Resp: 72999
Ion Ratio Lower Upper
43 100
61 13.3 10.0 15.0
70 9.4 7.5 11.3



#38
Carbon Tetrachloride
Concen: 18.205 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064223.D
Acq: 21 Oct 2020 15:58

Tgt Ion: 117 Resp: 86408
Ion Ratio Lower Upper
117 100
119 98.3 78.5 117.7
121 32.7 24.3 36.5

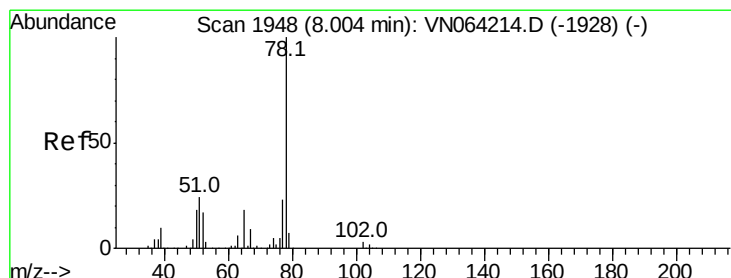
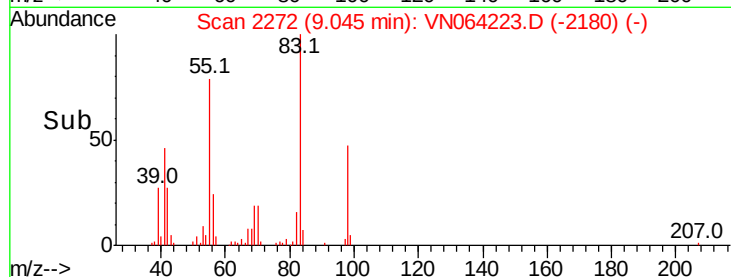
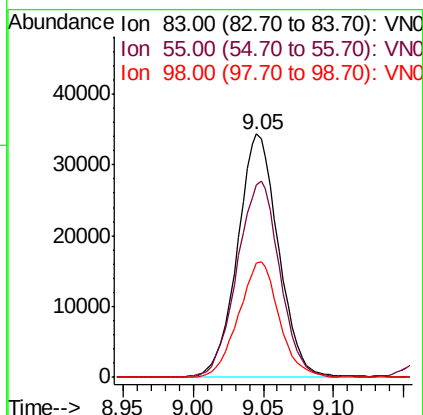
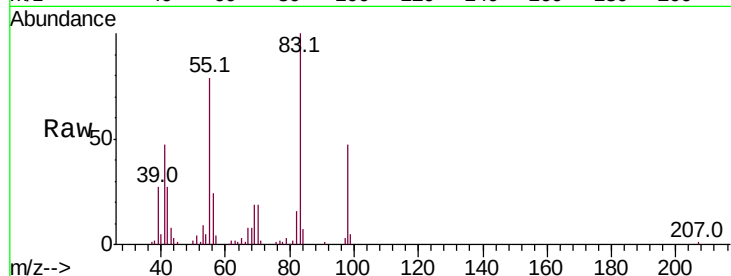




#39
Methylvlcyclohexane
Concen: 18.371 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064223.D
Acq: 21 Oct 2020 15:58

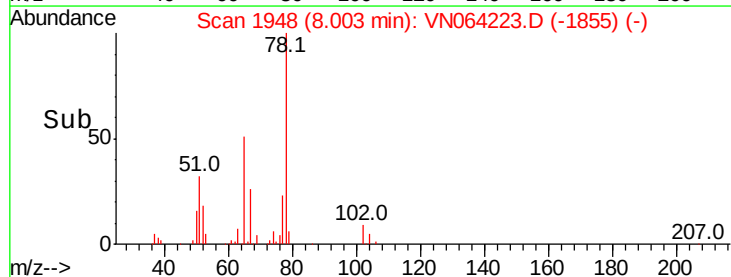
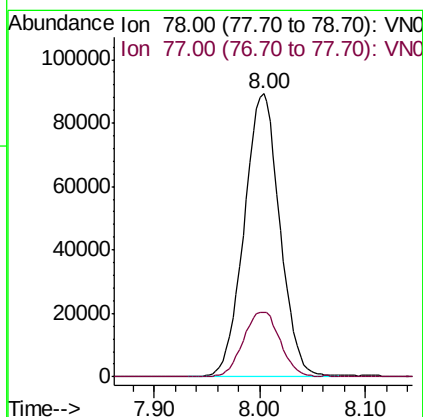
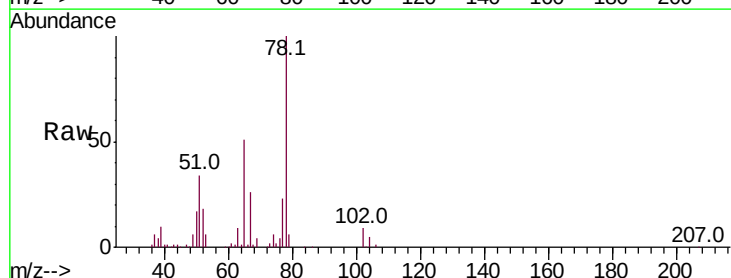
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01

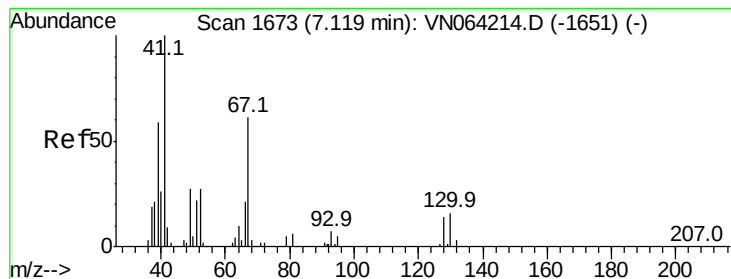
Tot Ion: 83 Resp: 69683
Ion Ratio Lower Upper
83 100
55 79.0 62.2 93.2
98 46.8 35.9 53.9



#40
Benzene
Concen: 18.272 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064223.D
Acq: 21 Oct 2020 15:58

Tgt Ion: 78 Resp: 210404
Ion Ratio Lower Upper
78 100
77 22.7 18.3 27.5





#41

Methacrylonitrile

Concen: 13.714 ug/l

RT: 7.12 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD01

Tot Ion: 41 Resp: 27247

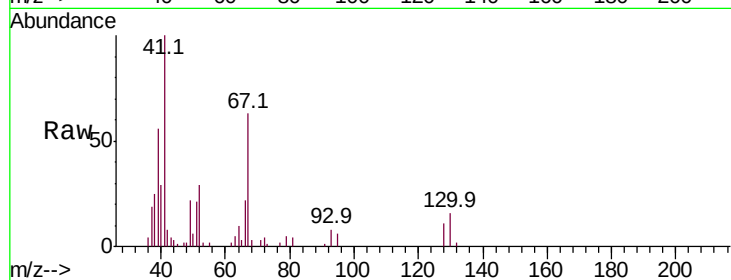
Ion Ratio Lower Upper

41 100

39 81.8 50.5 75.7#

67 97.2 63.2 94.8#

52 44.5 29.3 43.9#

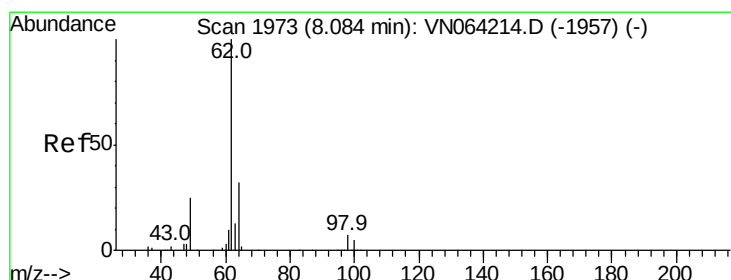
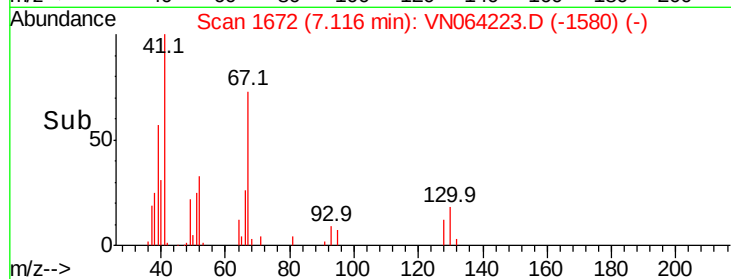
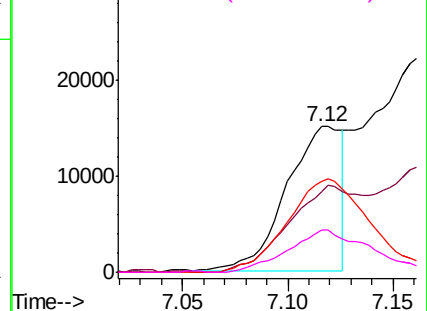


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42

1,2-Dichloroethane

Concen: 18.561 ug/l

RT: 8.09 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VN064223.D

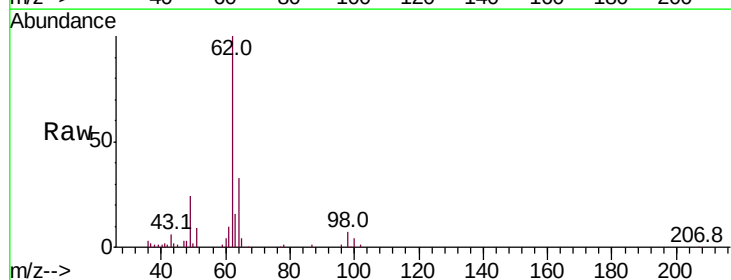
Acq: 21 Oct 2020 15:58

Tgt Ion: 62 Resp: 91564

Ion Ratio Lower Upper

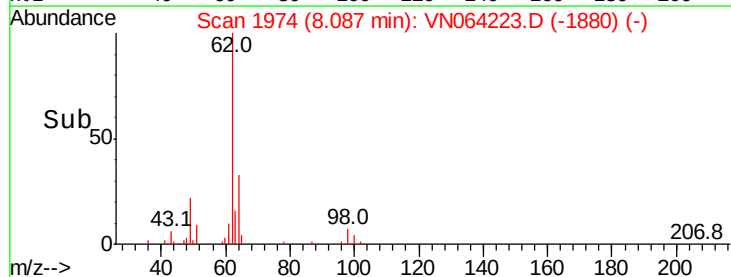
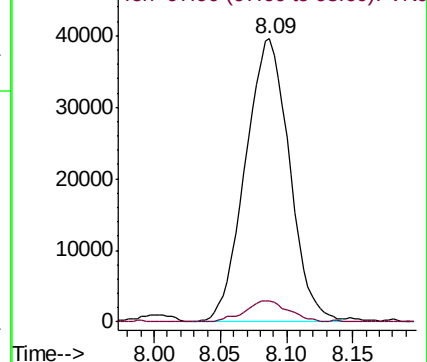
62 100

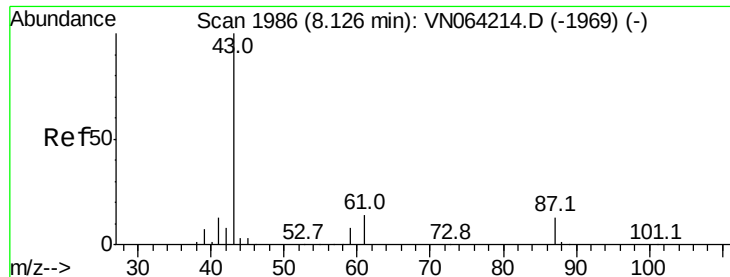
98 7.4 0.0 15.0



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 20.317 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD01

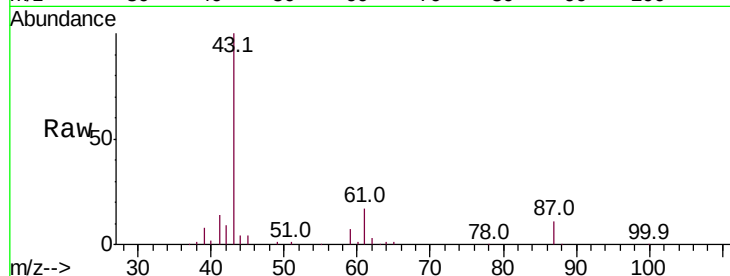
Tot Ion: 43 Resp: 143414

Ion Ratio Lower Upper

43 100

61 16.3 19.6 29.4#

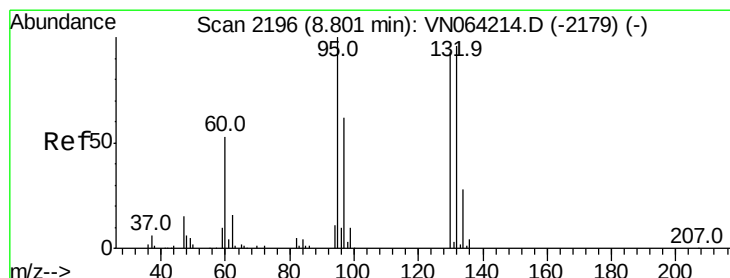
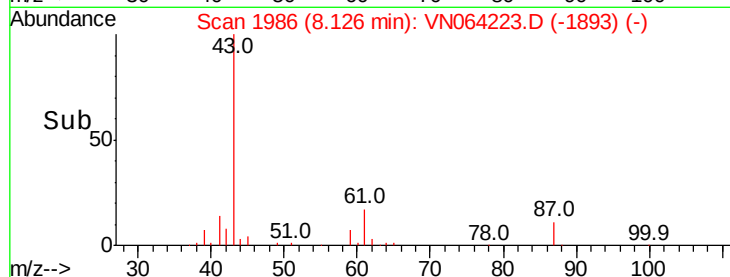
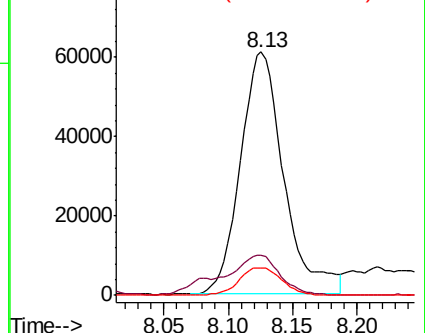
87 11.2 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN064214.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN064214.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN064214.D (-1969) (-)



#44

Trichloroethene

Concen: 18.934 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064223.D

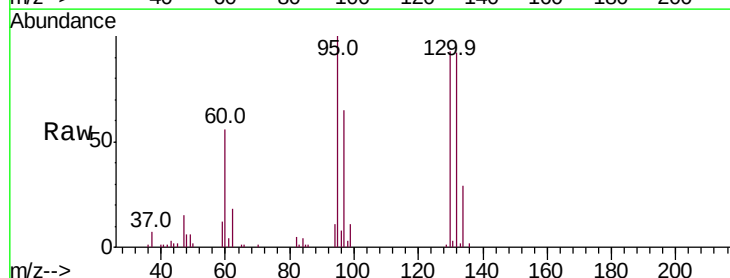
Acq: 21 Oct 2020 15:58

Tgt Ion:130 Resp: 59414

Ion Ratio Lower Upper

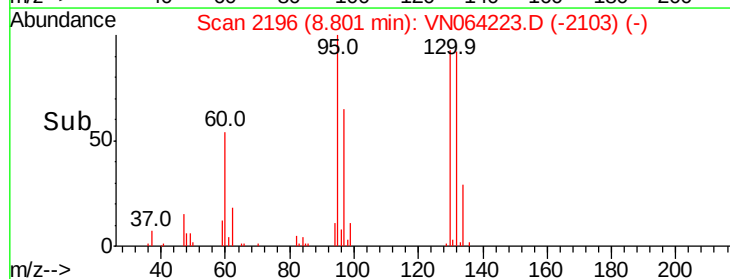
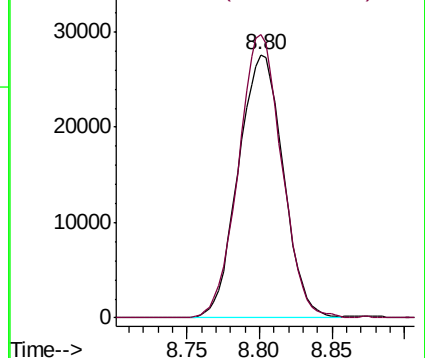
130 100

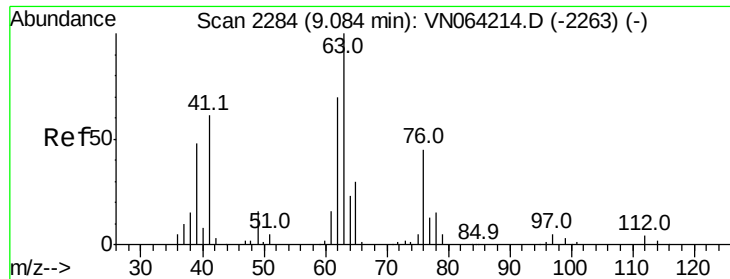
95 107.6 0.0 214.0



Abundance Ion 129.80 (129.50 to 130.50): VN064214.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN064214.D (-2179) (-)

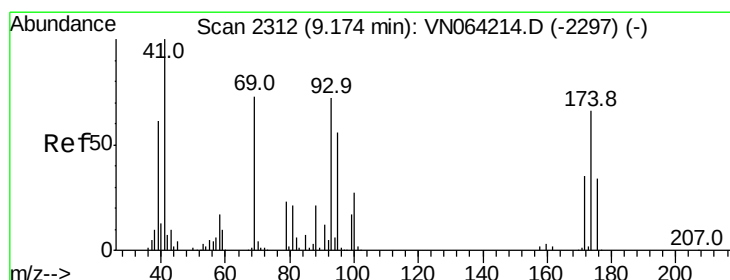
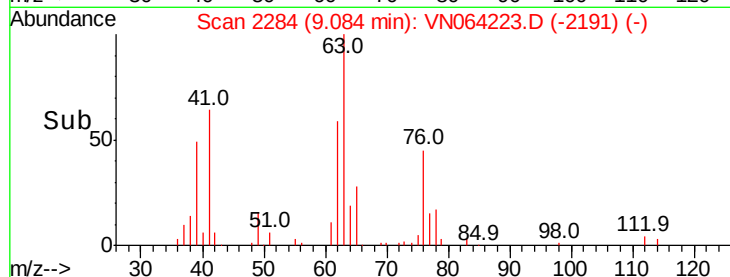
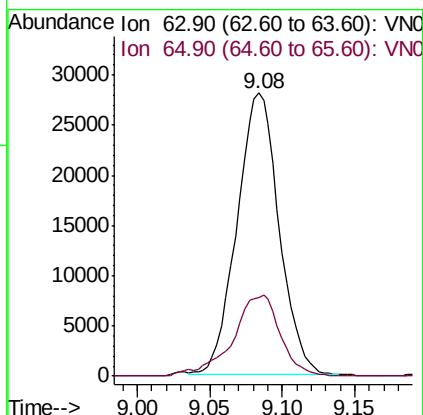
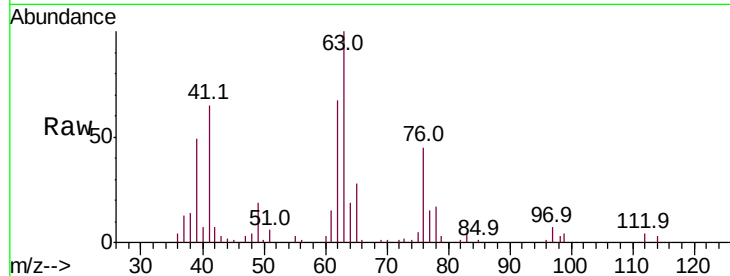




#45
 1,2-Dichloropropane
 Concen: 18.311 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064223.D
 Acq: 21 Oct 2020 15:58

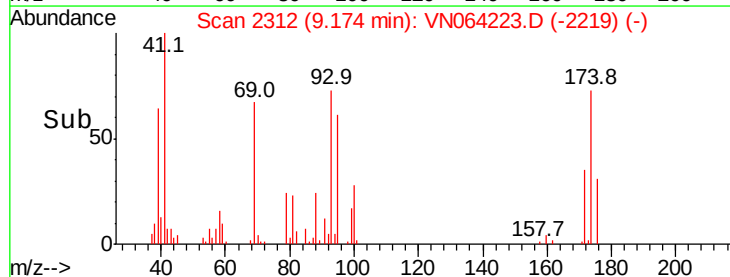
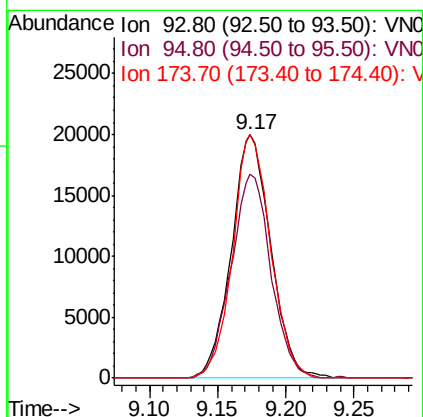
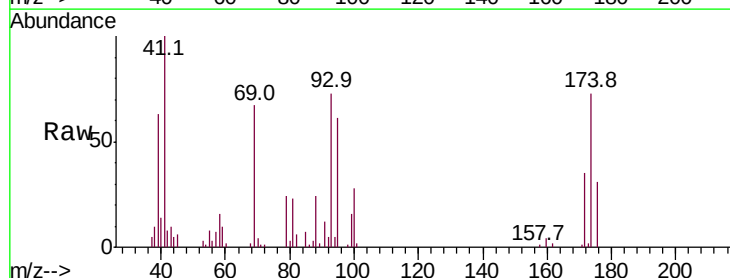
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD01

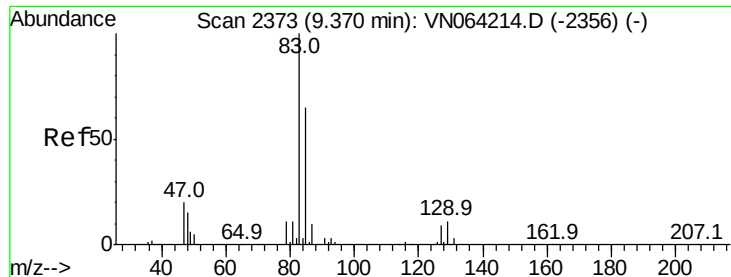
Tot Ion: 63 Resp: 56291
 Ion Ratio Lower Upper
 63 100
 65 28.1 24.0 36.0



#46
 Dibromomethane
 Concen: 19.393 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064223.D
 Acq: 21 Oct 2020 15:58

Tgt Ion: 93 Resp: 40031
 Ion Ratio Lower Upper
 93 100
 95 84.7 63.0 94.4
 174 96.1 72.9 109.3





#47

Bromodichloromethane

Concen: 18.975 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD01

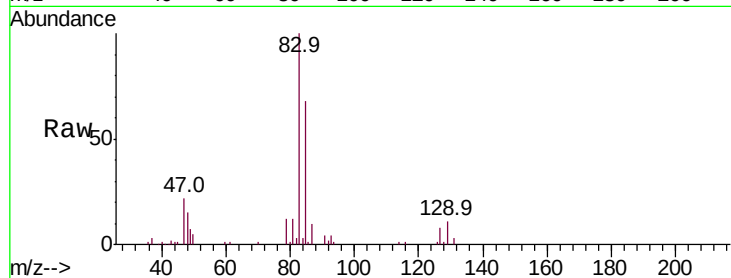
Tot Ion: 83 Resp: 86534

Ion Ratio Lower Upper

83 100

85 68.4 51.8 77.8

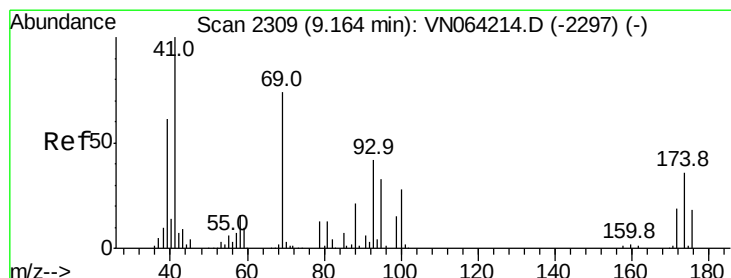
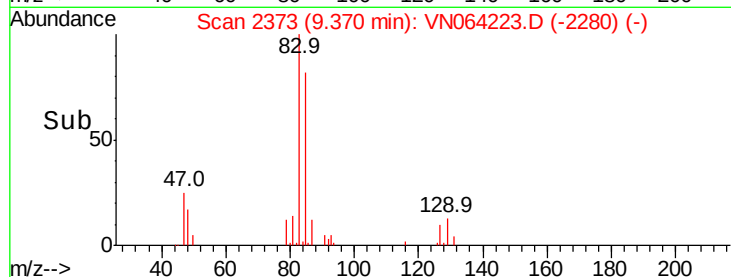
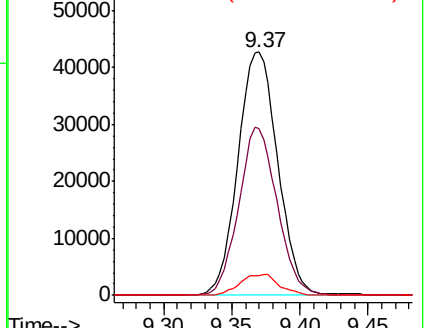
127 8.3 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN064223.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064223.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064223.D (-2280) (-)



#48

Methyl methacrylate

Concen: 18.293 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

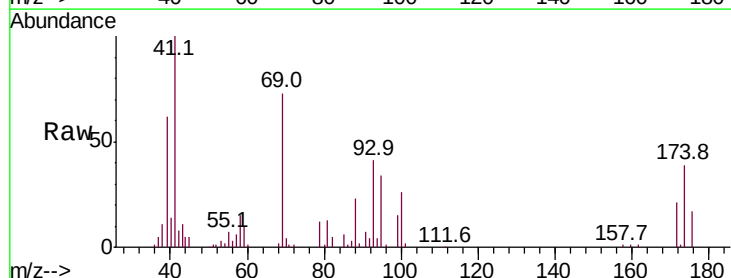
Tgt Ion: 41 Resp: 67452

Ion Ratio Lower Upper

41 100

69 69.5 57.3 85.9

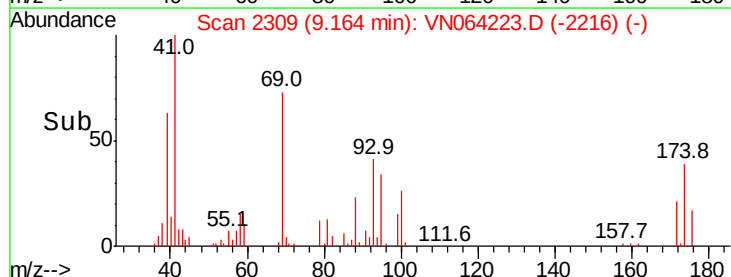
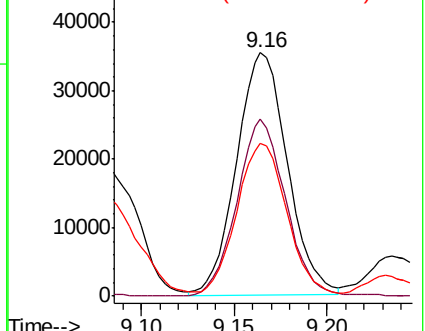
39 62.5 48.6 73.0

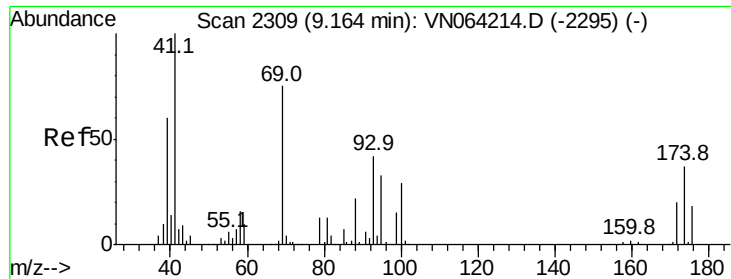


Abundance Ion 41.00 (40.70 to 41.70): VN064223.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064223.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064223.D (-2216) (-)

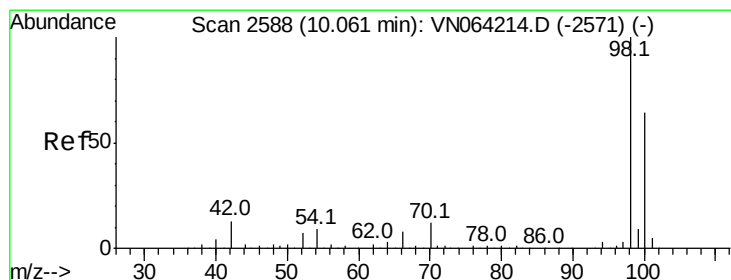
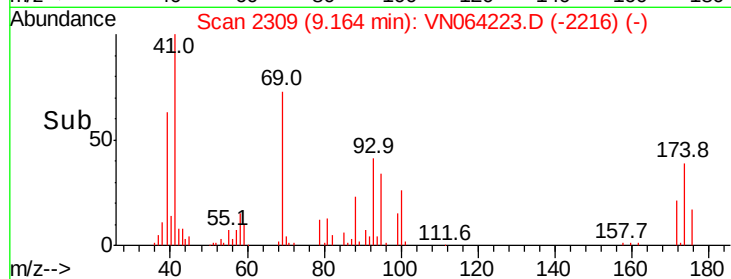
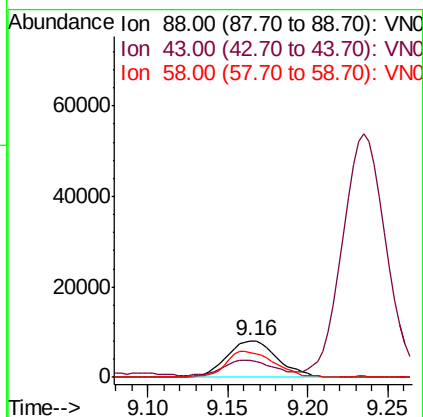
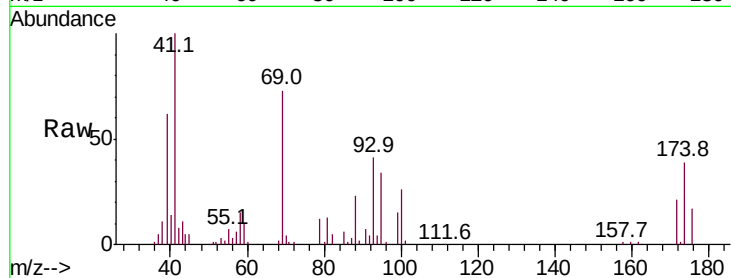




#49
1,4-Dioxane
Concen: 404.972 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064223.D
Acq: 21 Oct 2020 15:58

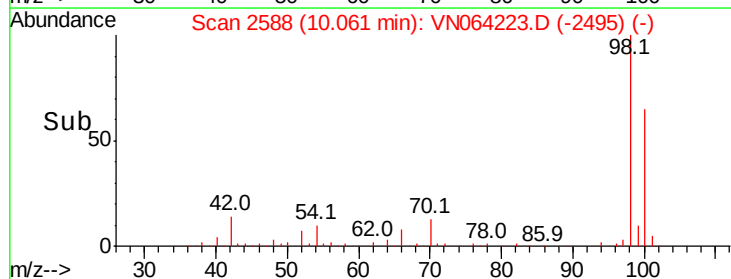
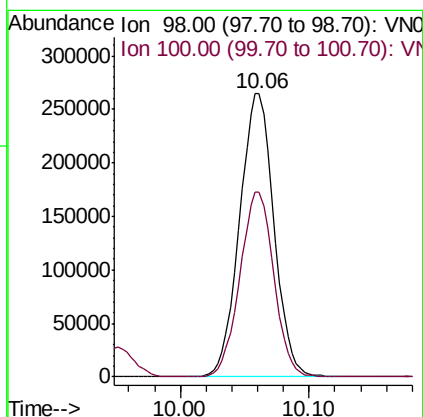
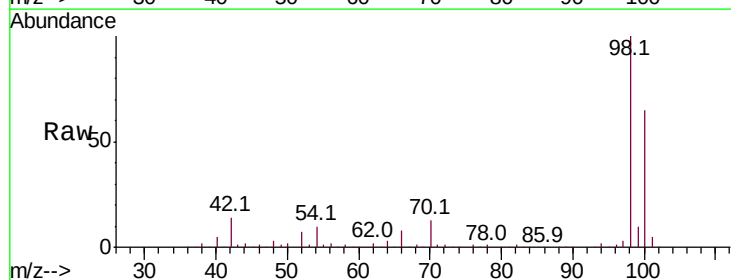
Instrument :
MSVOA_N
ClientSampled :
VN1021WBSD01

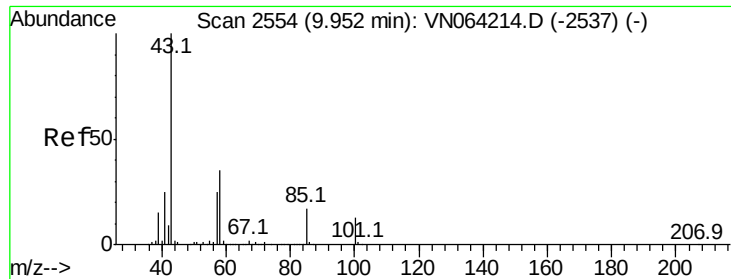
Tot Ion: 88 Resp: 17472
Ion Ratio Lower Upper
88 100
43 40.6 34.6 52.0
58 68.5 59.0 88.6



#50
Toluene-d8
Concen: 48.594 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. -0.00 min
Lab File: VN064223.D
Acq: 21 Oct 2020 15:58

Tgt Ion: 98 Resp: 490392
Ion Ratio Lower Upper
98 100
100 64.6 50.8 76.2





#51

4-Methyl-2-Pentanone

Concen: 97.336 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

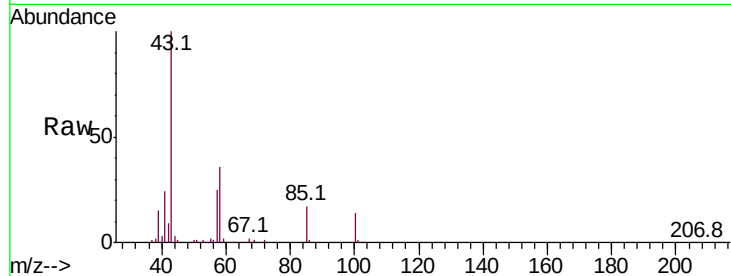
VN1021WBSD01

Tot Ion: 43 Resp: 367205

Ion Ratio Lower Upper

43 100

58 35.3 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VN064214.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN064214.D (-2537) (-)

9.95

200000

150000

100000

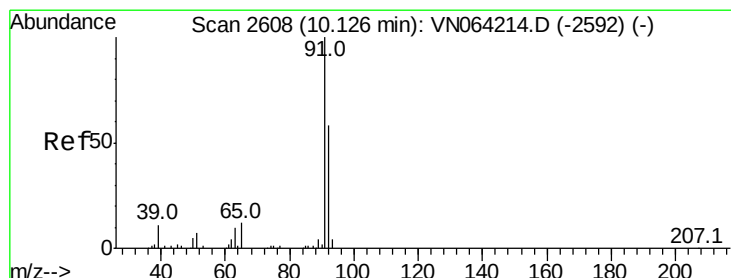
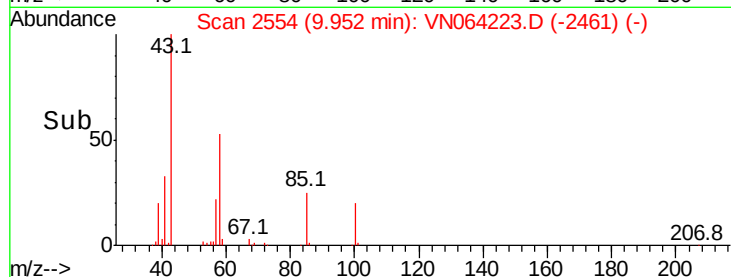
50000

0

9.90

10.00

Time-->



#52

Toluene

Concen: 17.994 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064223.D

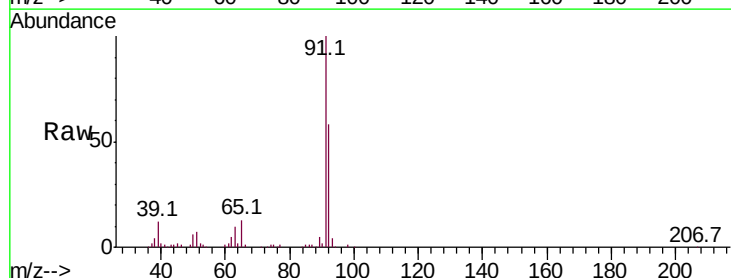
Acq: 21 Oct 2020 15:58

Tgt Ion: 92 Resp: 132587

Ion Ratio Lower Upper

92 100

91 176.2 137.4 206.2



Abundance Ion 92.00 (91.70 to 92.70): VN064214.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064214.D (-2592) (-)

150000

100000

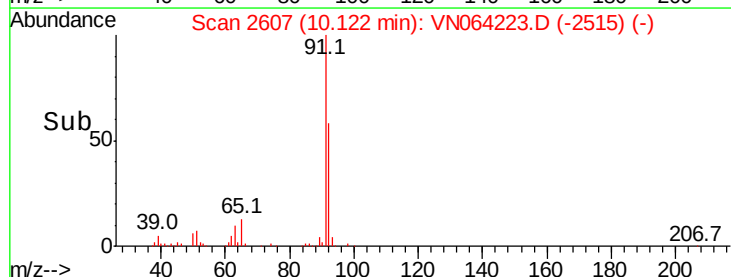
50000

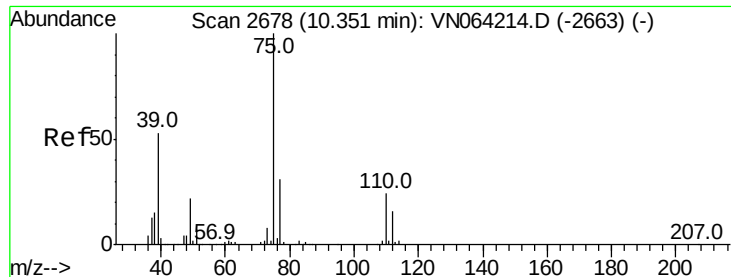
0

10.10

10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.666 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

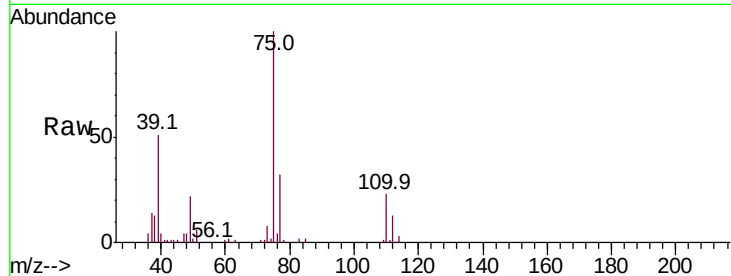
VN1021WBSD01

Tot Ion: 75 Resp: 99633

Ion Ratio Lower Upper

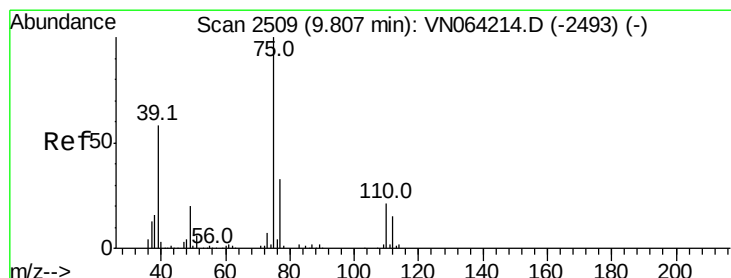
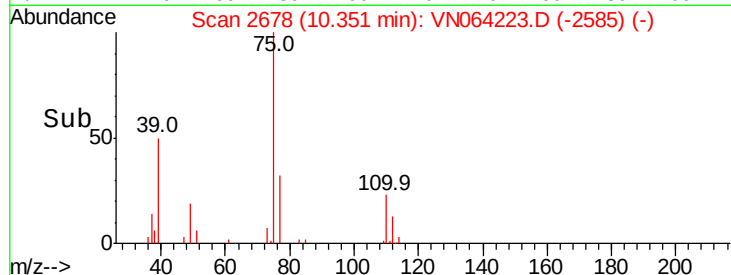
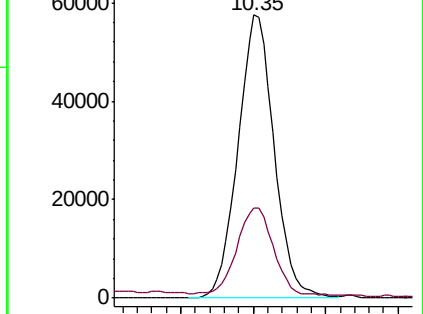
75 100

77 30.8 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.893 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

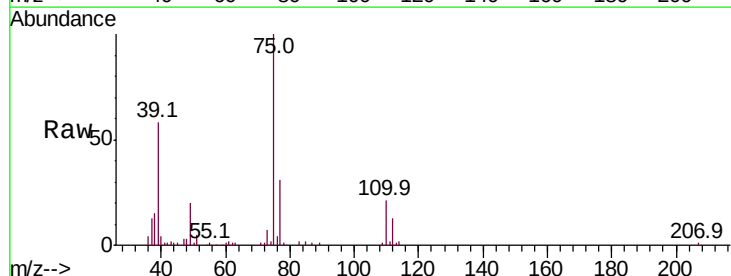
Tgt Ion: 75 Resp: 100778

Ion Ratio Lower Upper

75 100

77 31.0 26.6 39.8

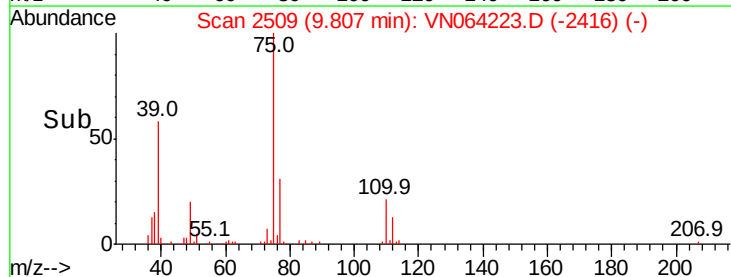
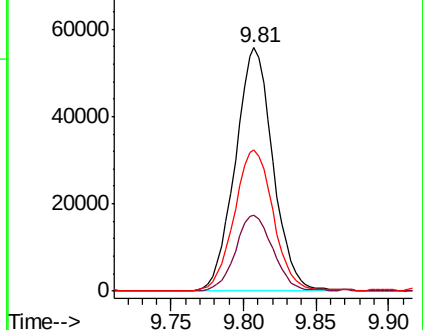
39 57.6 46.7 70.1

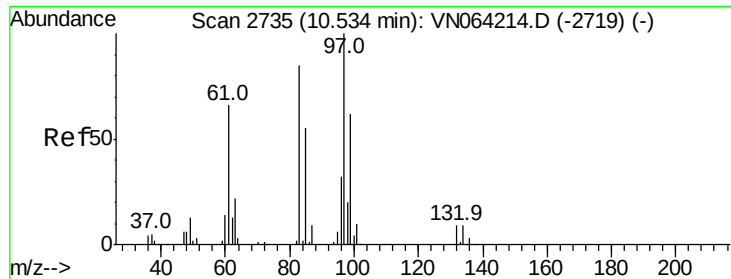


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

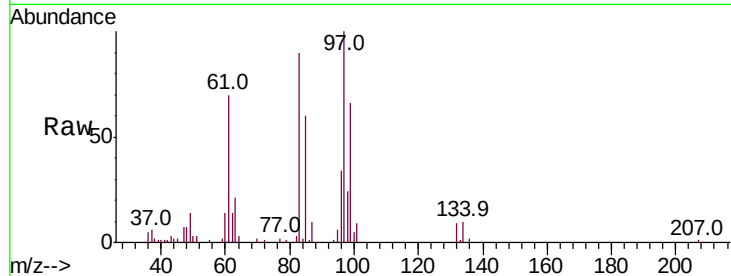




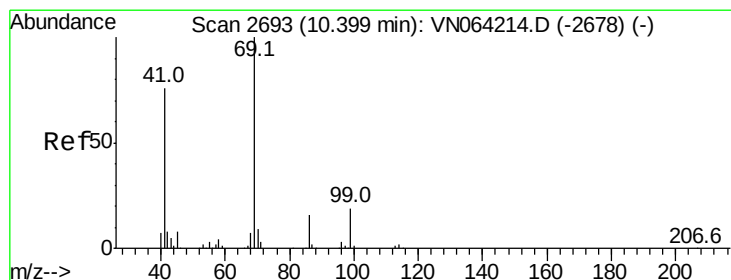
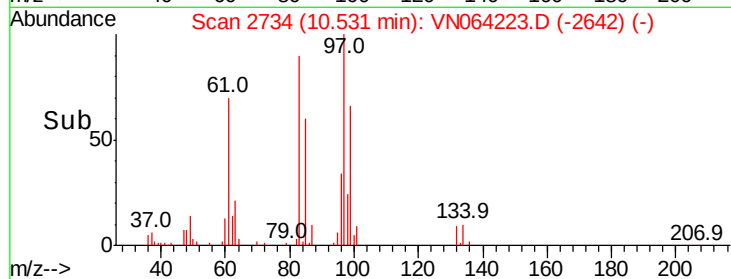
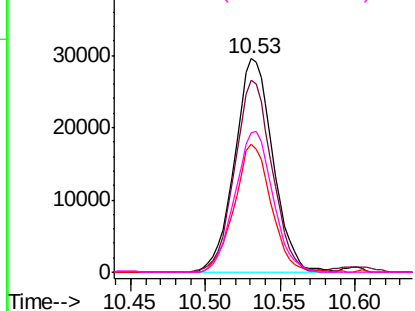
#55
 1,1,2-Trichloroethane
 Concen: 18.944 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064223.D
 Acq: 21 Oct 2020 15:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD01

Tot Ion:	97	Resp:	52718
Ion	Ratio	Lower	Upper
97	100		
83	89.6	67.8	101.6
85	60.0	43.6	65.4
99	65.5	49.9	74.9

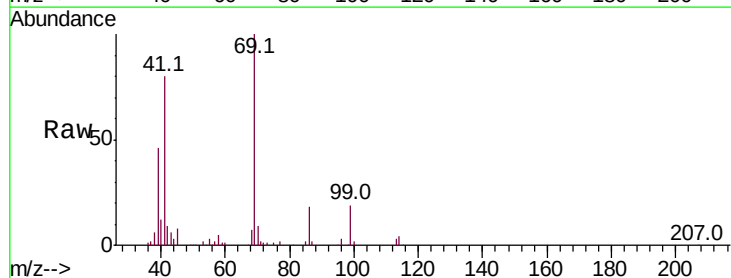


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

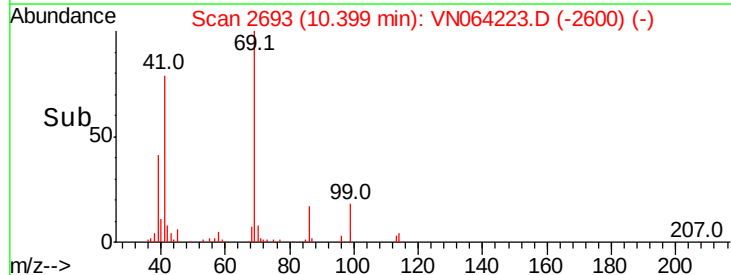
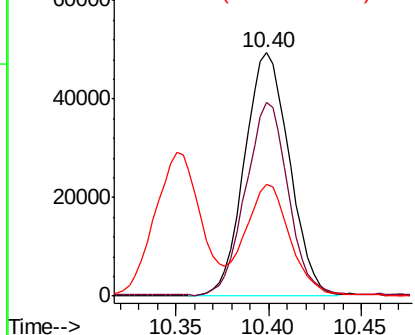


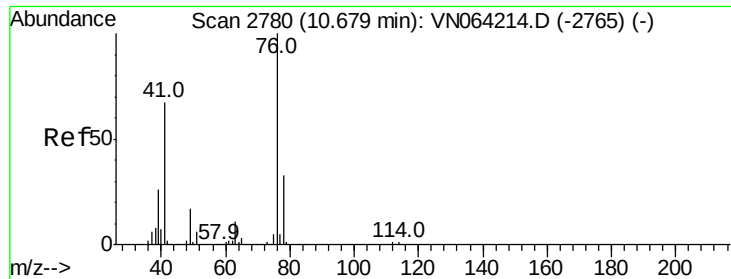
#56
 Ethyl methacrylate
 Concen: 19.343 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN064223.D
 Acq: 21 Oct 2020 15:58

Tgt Ion:	69	Resp:	83230
Ion	Ratio	Lower	Upper
69	100		
41	74.8	61.4	92.2
39	44.8	36.0	54.0



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

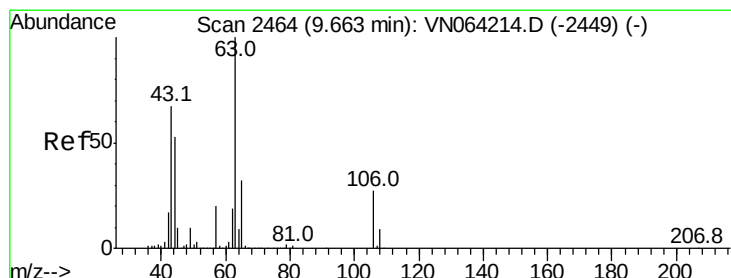
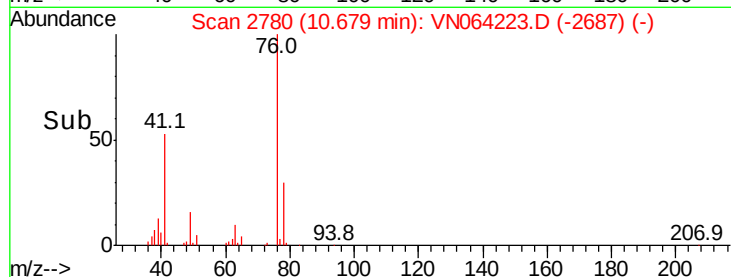
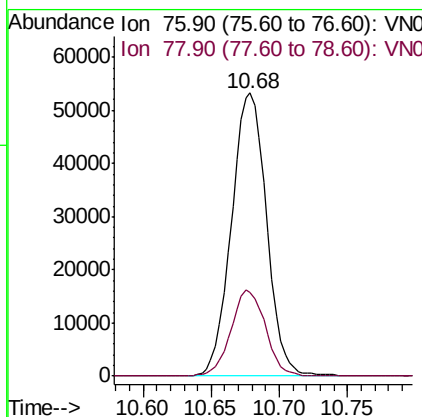
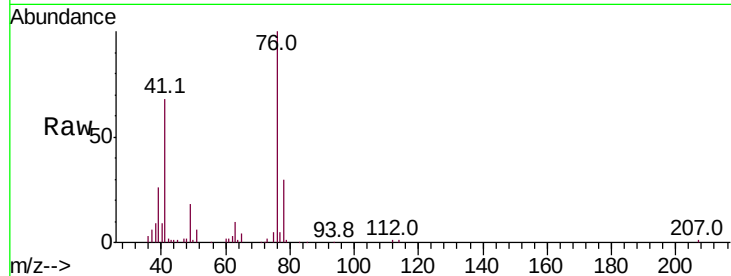




#57
 1,3-Dichloropropane
 Concen: 19.685 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN064223.D
 Acq: 21 Oct 2020 15:58

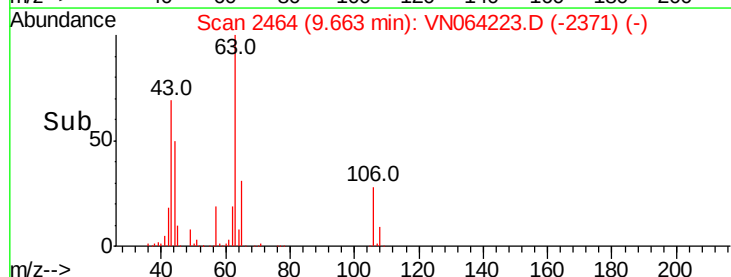
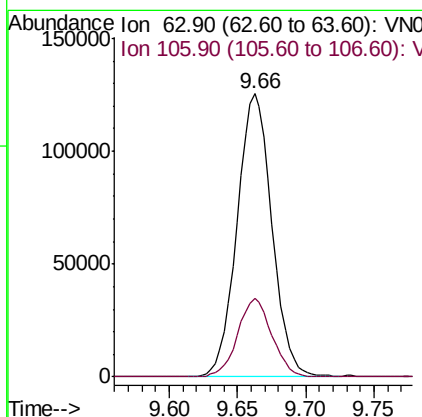
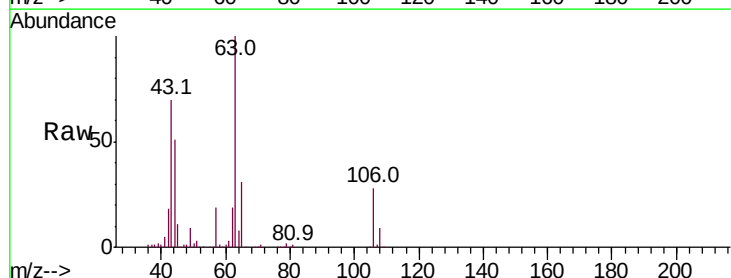
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD01

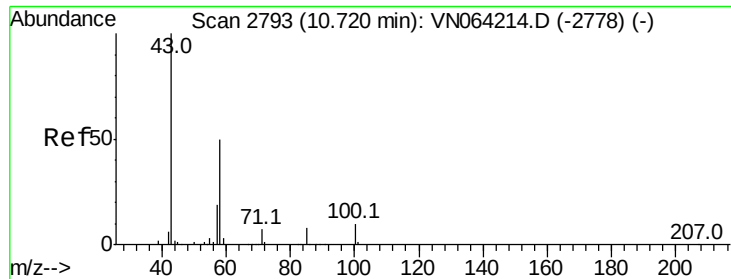
Tot Ion: 76 Resp: 95154
 Ion Ratio Lower Upper
 76 100
 78 29.9 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.222 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN064223.D
 Acq: 21 Oct 2020 15:58

Tgt Ion: 63 Resp: 222067
 Ion Ratio Lower Upper
 63 100
 106 27.2 21.3 31.9





#59

2-Hexanone

Concen: 96.449 ug/l

RT: 10.72 min Scan# 2793

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

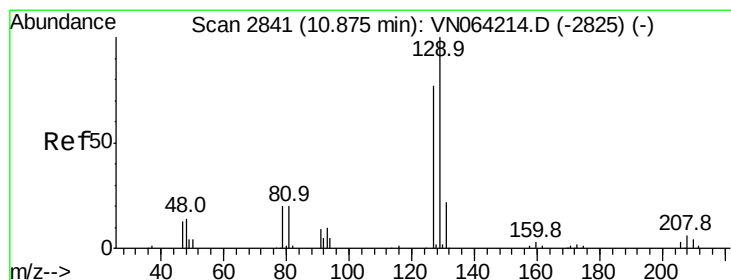
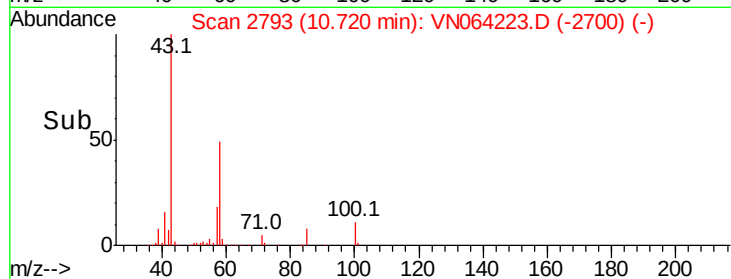
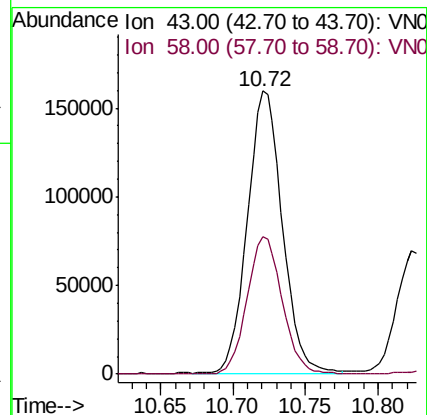
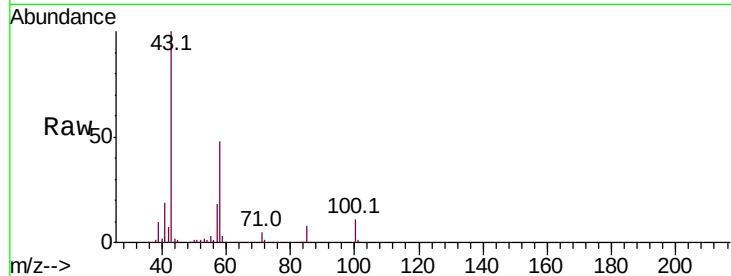
VN1021WBSD01

Tot Ion: 43 Resp: 265729

Ion Ratio Lower Upper

43 100

58 49.3 24.8 74.3



#60

Dibromochloromethane

Concen: 18.527 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN064223.D

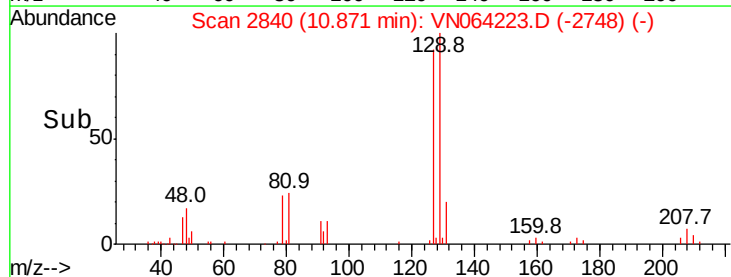
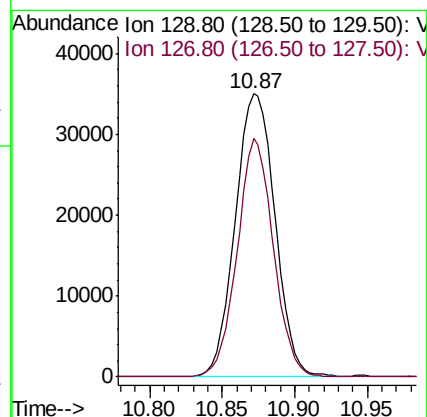
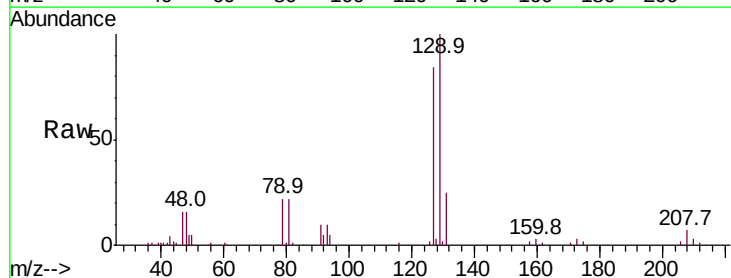
Acq: 21 Oct 2020 15:58

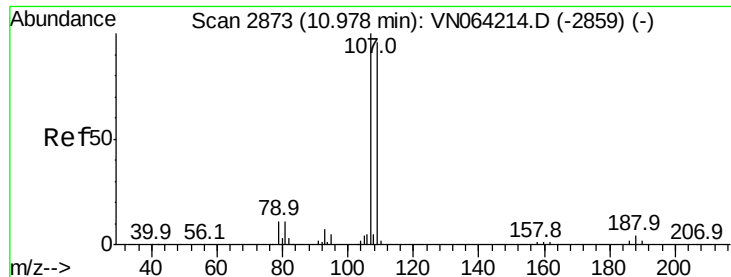
Tgt Ion: 129 Resp: 66744

Ion Ratio Lower Upper

129 100

127 76.6 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.620 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

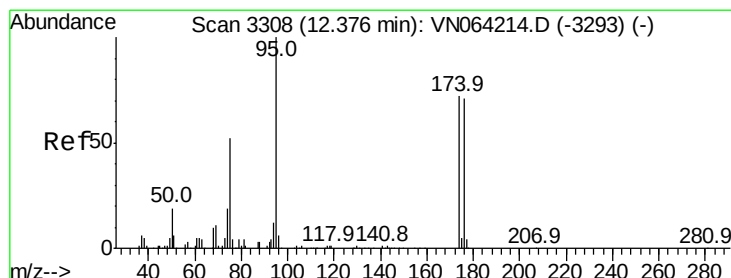
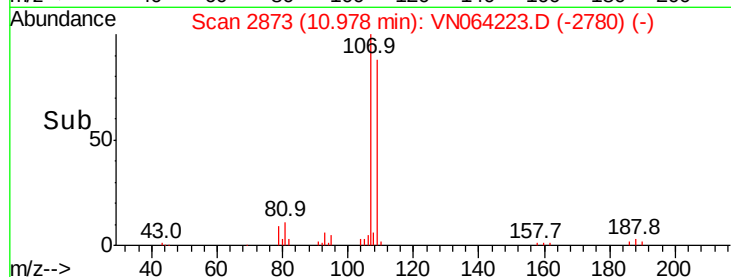
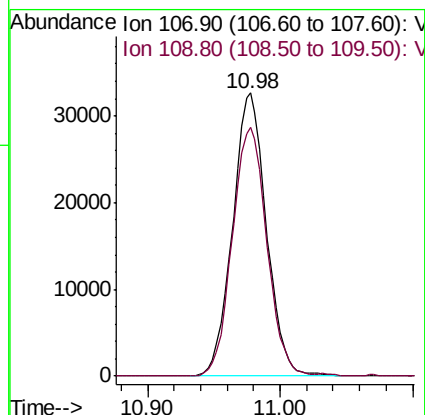
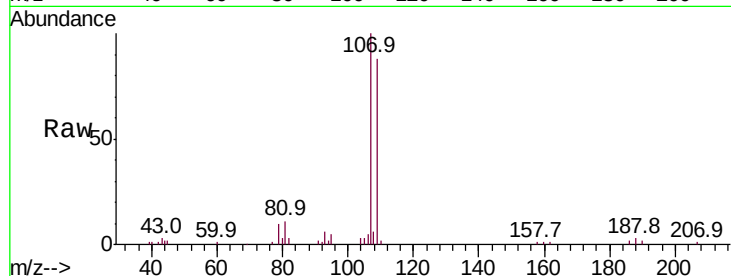
VN1021WBSD01

Tot Ion:107 Resp: 57615

Ion Ratio Lower Upper

107 100

109 89.9 76.2 114.4



#62

4-Bromofluorobenzene

Concen: 47.980 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

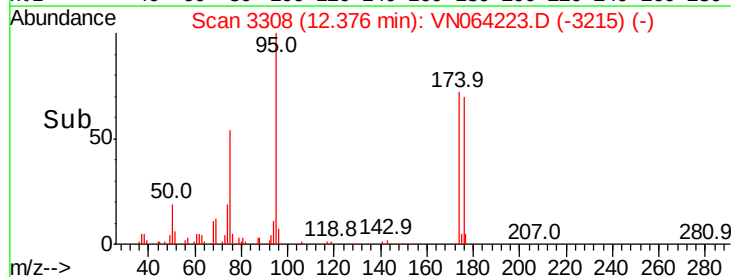
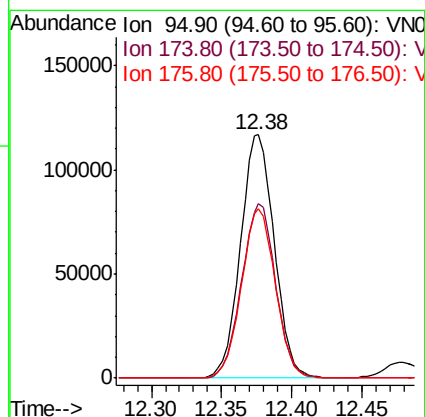
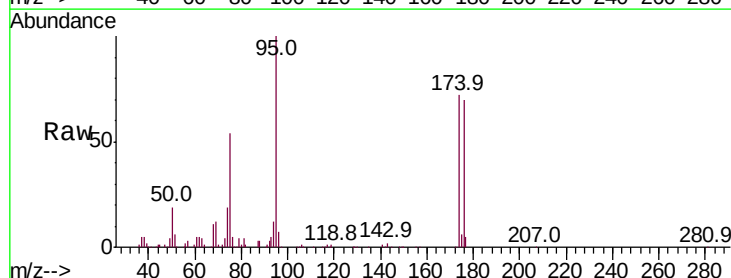
Tgt Ion: 95 Resp: 196288

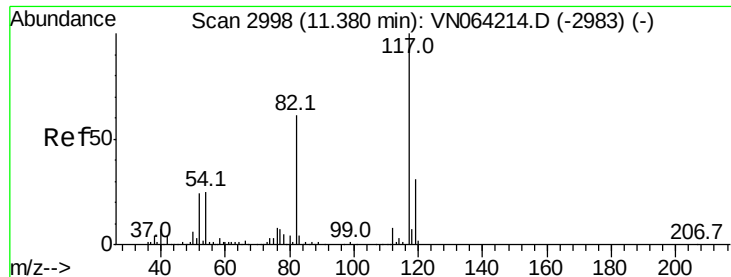
Ion Ratio Lower Upper

95 100

174 72.0 0.0 144.4

176 69.8 0.0 139.2

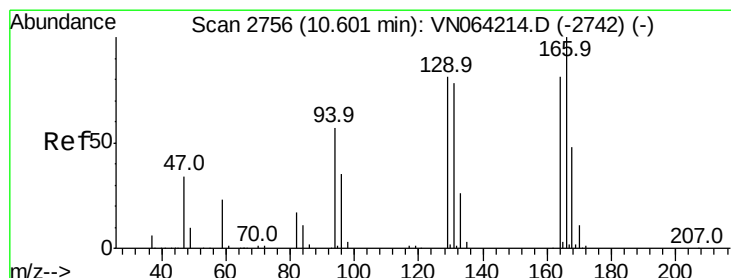
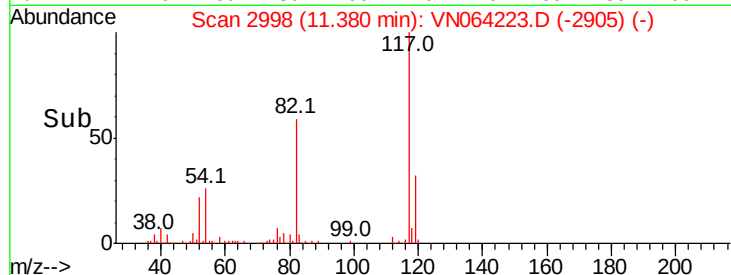
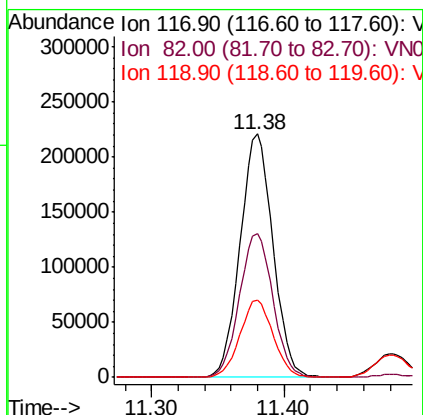
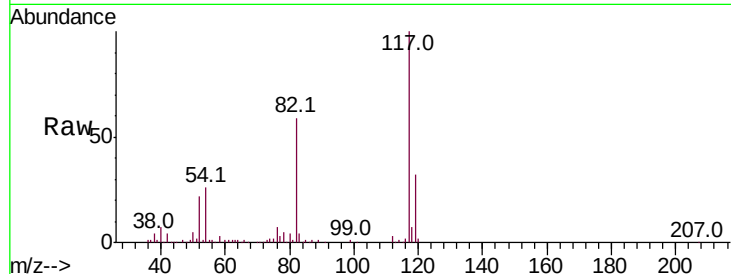




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064223.D
Acq: 21 Oct 2020 15:58

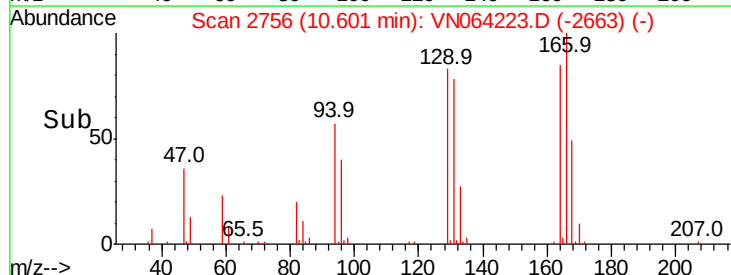
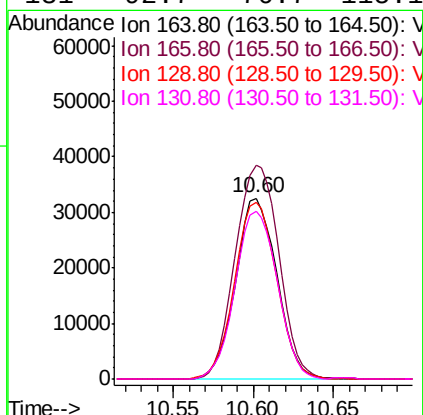
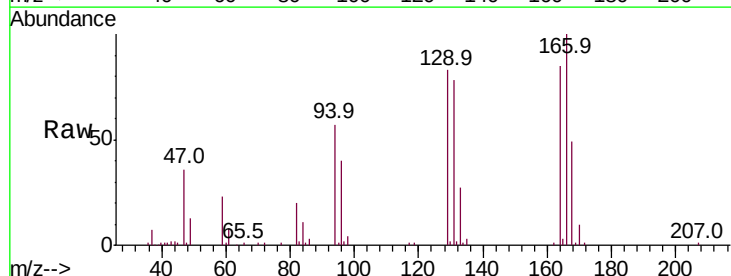
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01

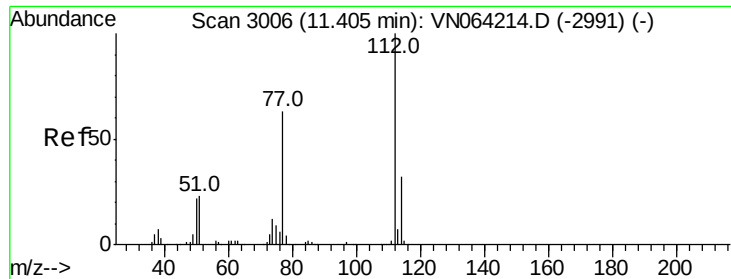
Tot Ion:117 Resp: 380281
Ion Ratio Lower Upper
117 100
82 59.3 48.8 73.2
119 31.9 24.7 37.1



#64
Tetrachloroethene
Concen: 18.616 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064223.D
Acq: 21 Oct 2020 15:58

Tgt Ion:164 Resp: 56994
Ion Ratio Lower Upper
164 100
166 118.2 98.9 148.3
129 98.1 79.9 119.9
131 92.7 76.7 115.1

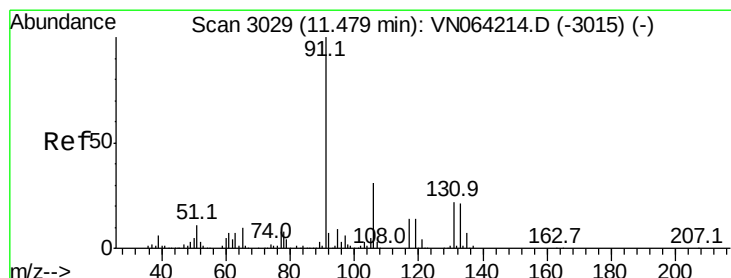
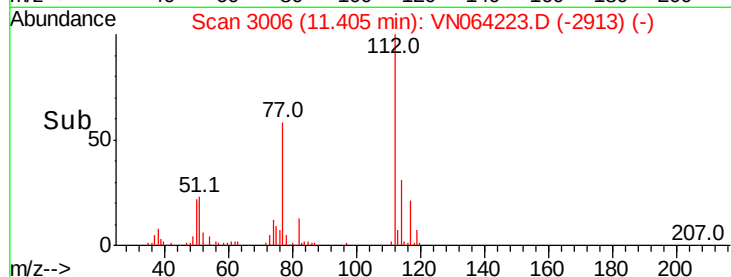
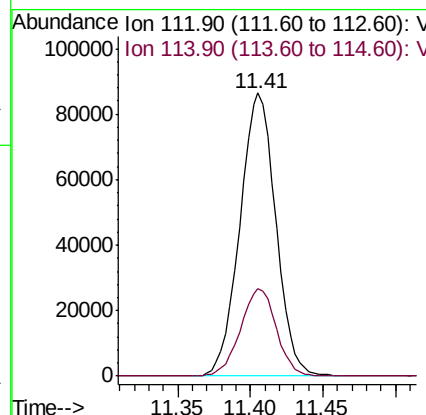
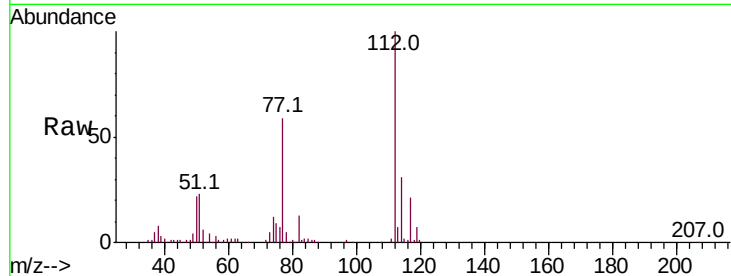




#65
Chlorobenzene
Concen: 18.865 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064223.D
Acq: 21 Oct 2020 15:58

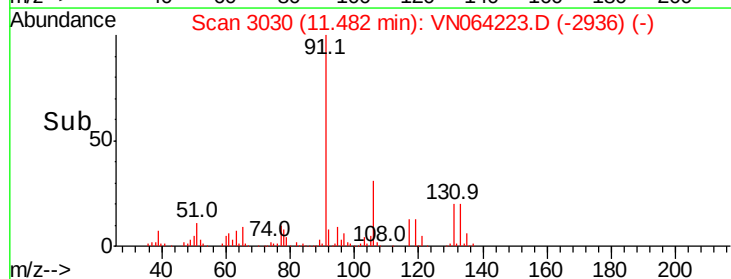
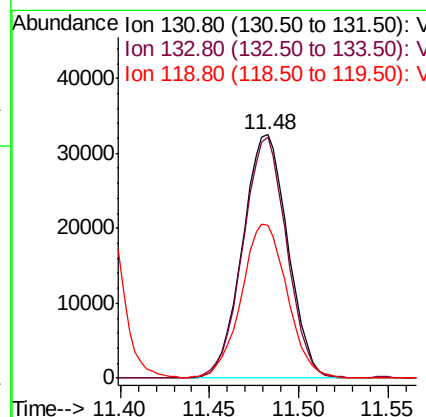
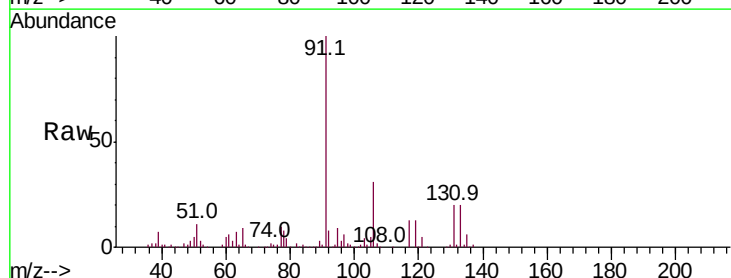
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01

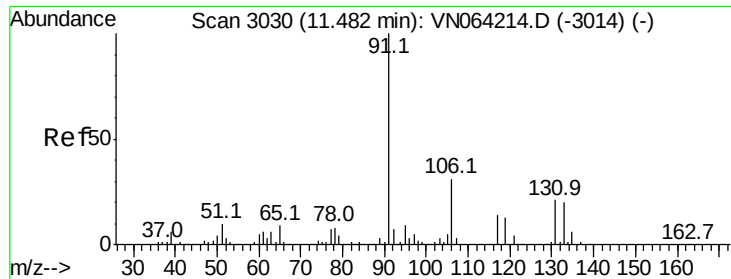
Tot Ion:112 Resp: 148494
Ion Ratio Lower Upper
112 100
114 30.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.412 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064223.D
Acq: 21 Oct 2020 15:58

Tgt Ion:131 Resp: 57528
Ion Ratio Lower Upper
131 100
133 96.0 47.8 143.4
119 64.3 32.2 96.6

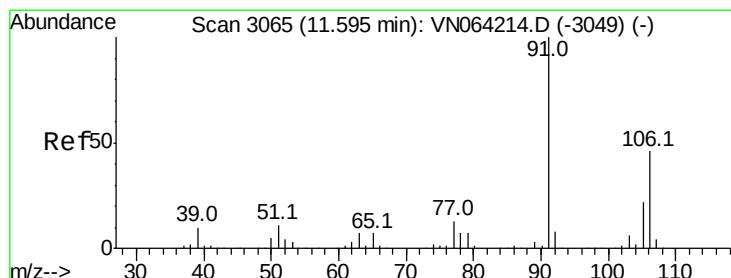
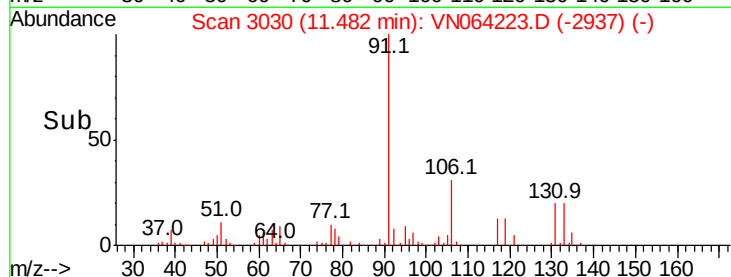
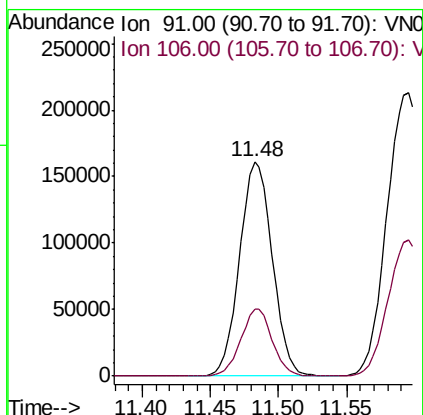
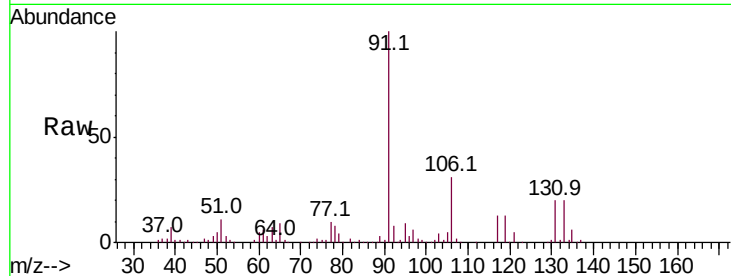




#67
Ethyl Benzene
Concen: 18.590 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064223.D
Acq: 21 Oct 2020 15:58

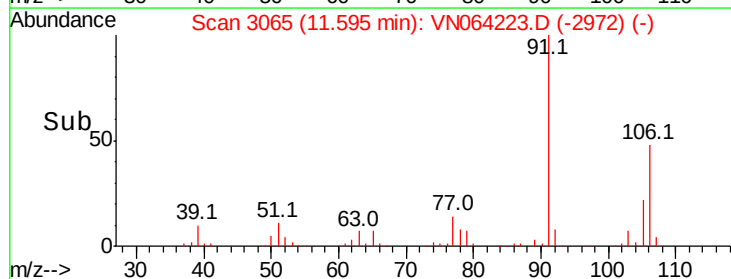
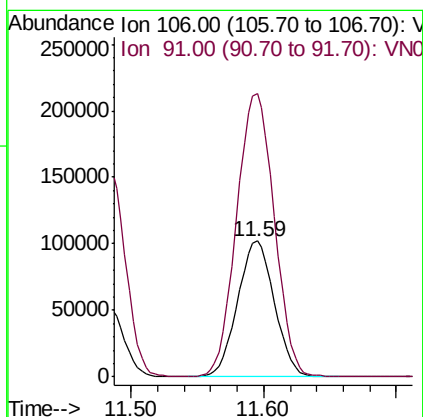
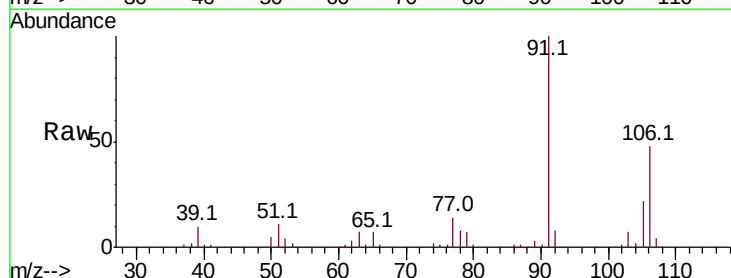
Instrument :
MSVOA_N
ClientSampled :
VN1021WBSD01

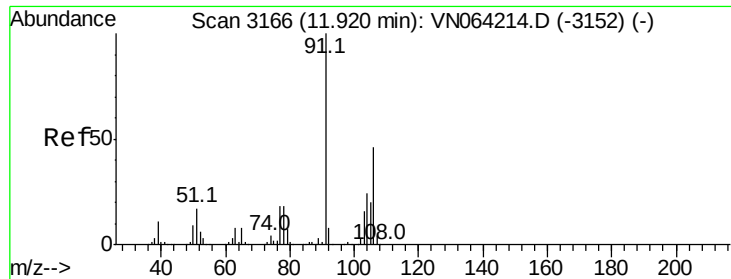
Tot Ion: 91 Resp: 268926
Ion Ratio Lower Upper
91 100
106 31.1 24.8 37.2



#68
m/p-Xylenes
Concen: 36.727 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064223.D
Acq: 21 Oct 2020 15:58

Tgt Ion: 106 Resp: 196852
Ion Ratio Lower Upper
106 100
91 213.0 172.2 258.2

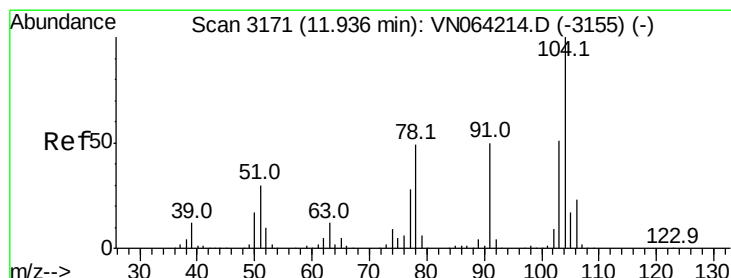
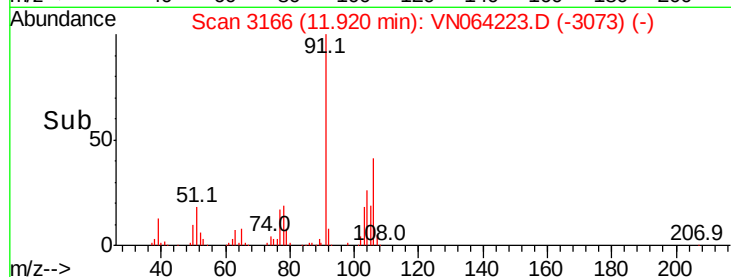
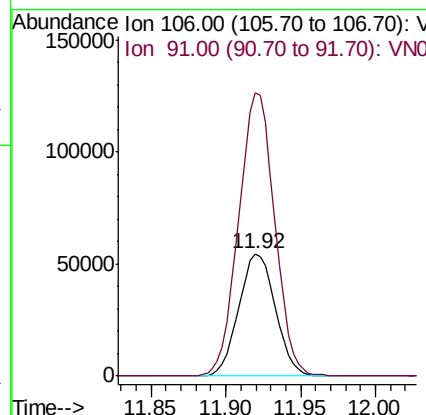
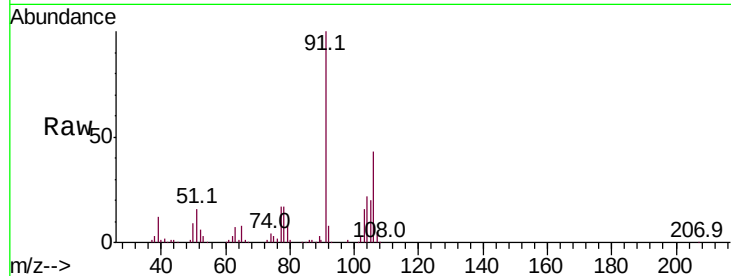




#69
o-Xylene
Concen: 17.989 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064223.D
Acq: 21 Oct 2020 15:58

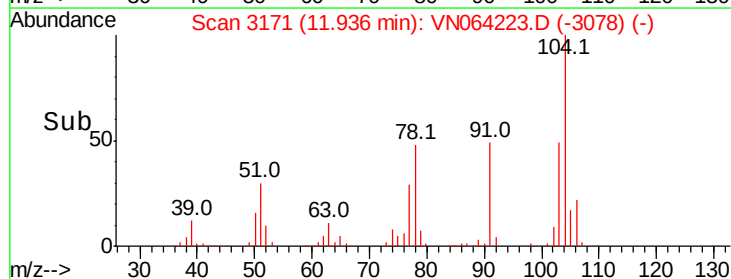
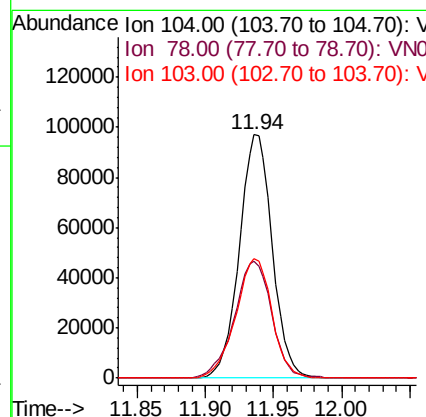
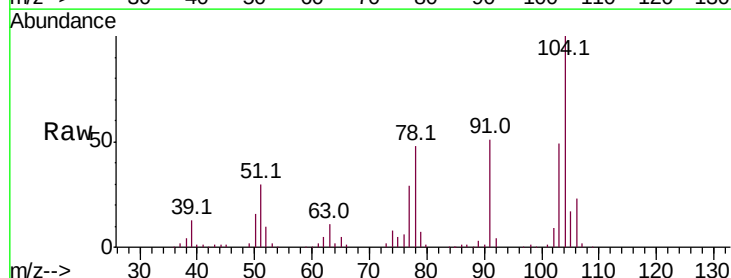
Instrument :
MSVOA_N
ClientSampled :
VN1021WBSD01

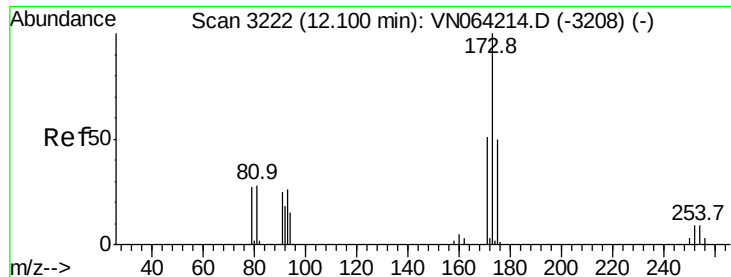
Tot Ion:106 Resp: 93251
Ion Ratio Lower Upper
106 100
91 227.7 109.9 329.6



#70
Styrene
Concen: 18.716 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064223.D
Acq: 21 Oct 2020 15:58

Tgt Ion:104 Resp: 162622
Ion Ratio Lower Upper
104 100
78 54.5 43.8 65.6
103 53.9 43.4 65.2





#71

Bromoform

Concen: 18.138 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD01

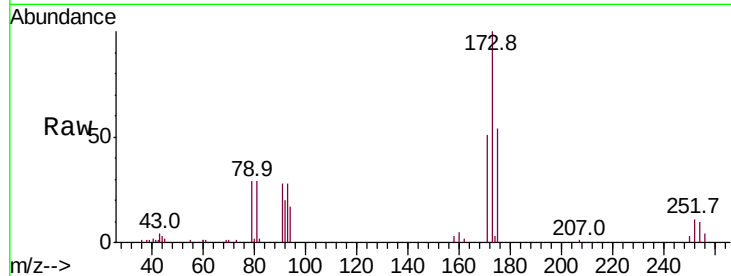
Tot Ion:173 Resp: 43779

Ion Ratio Lower Upper

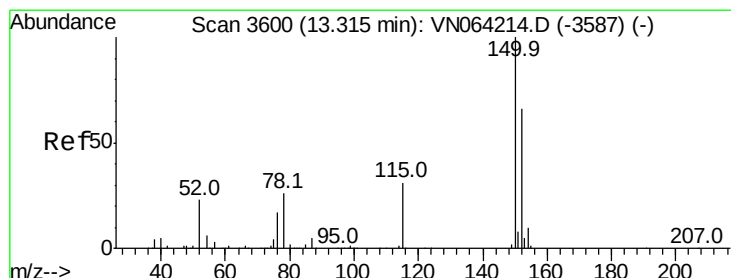
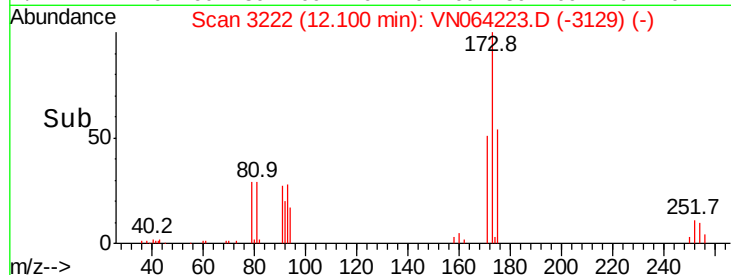
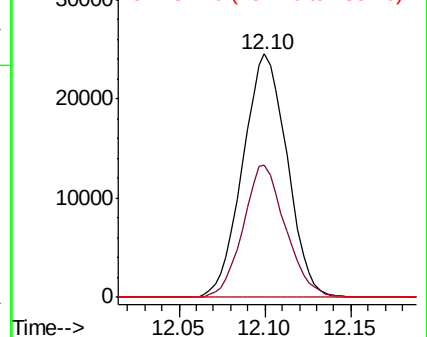
173 100

175 52.2 25.1 75.3

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

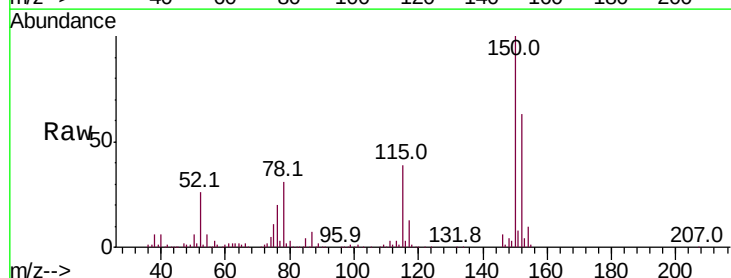
Tgt Ion:152 Resp: 178805

Ion Ratio Lower Upper

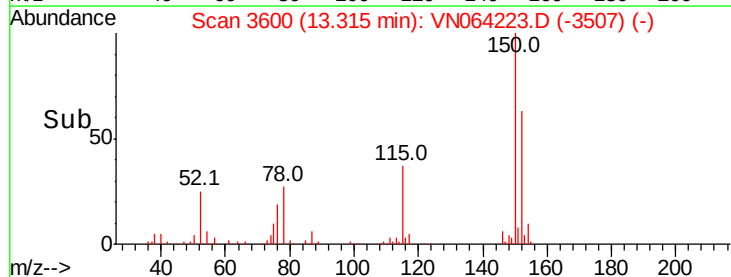
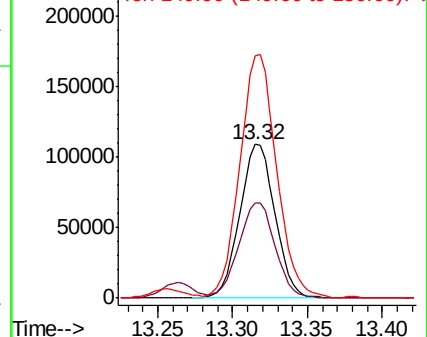
152 100

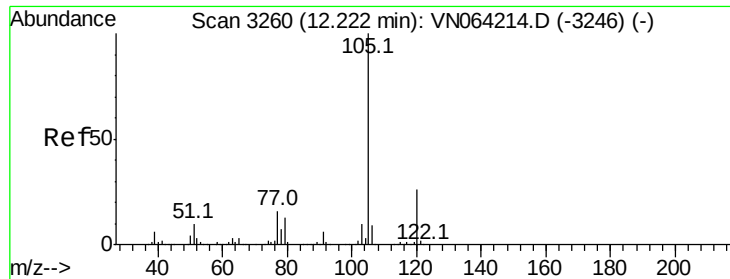
115 64.4 32.0 96.2

150 164.8 0.0 356.6



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





#73

Isopropylbenzene

Concen: 18.912 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

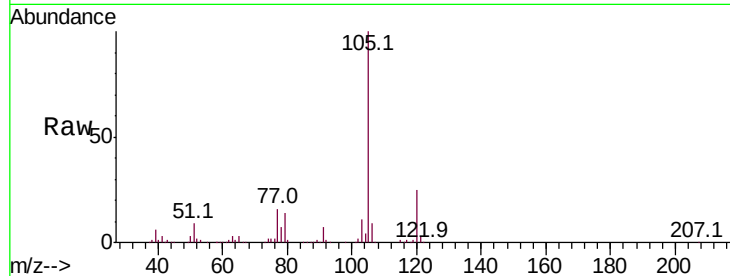
VN1021WBSD01

Tot Ion:105 Resp: 257906

Ion Ratio Lower Upper

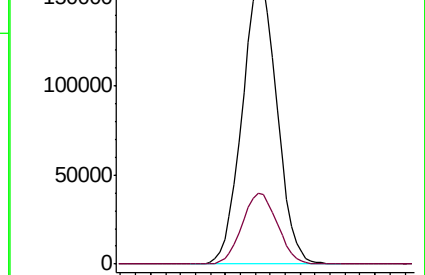
105 100

120 25.2 12.9 38.7

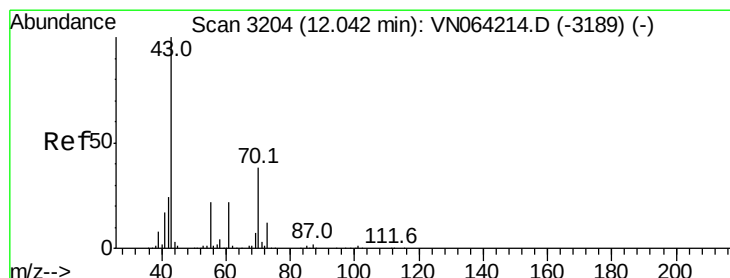
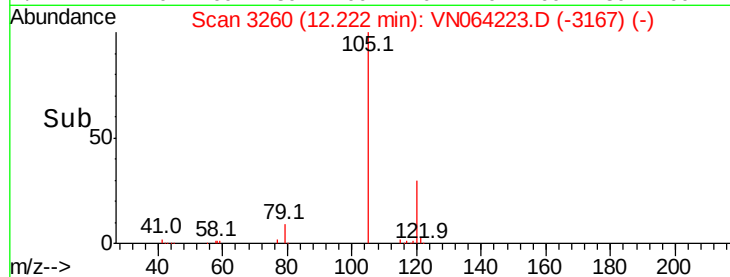


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 19.396 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

Tgt Ion: 43 Resp: 114294

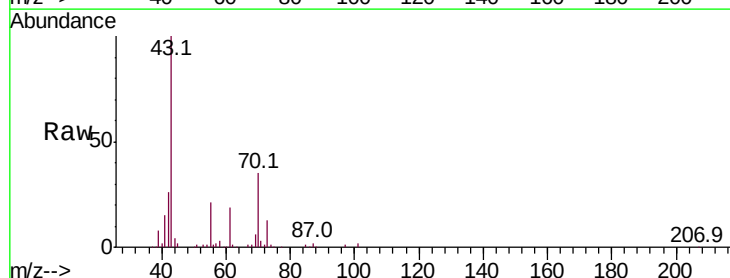
Ion Ratio Lower Upper

43 100

70 36.2 30.2 45.4

55 22.0 18.0 27.0

61 20.6 17.4 26.2

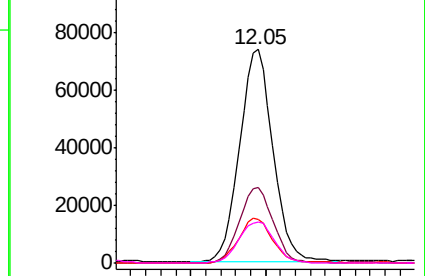


Abundance Ion 43.00 (42.70 to 43.70): VN0

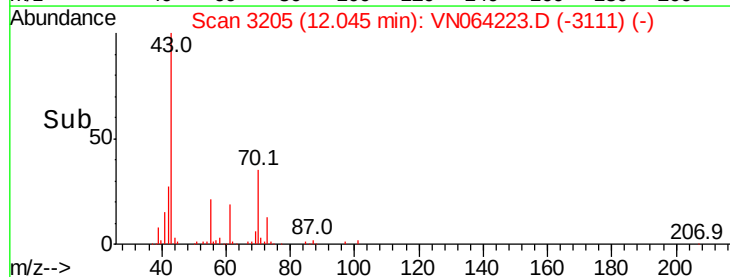
Ion 70.00 (69.70 to 70.70): VN0

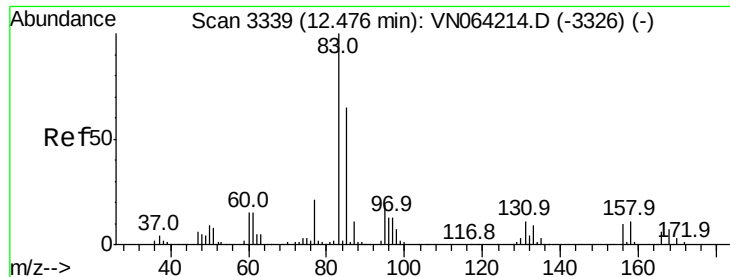
Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.218 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

Instrument :

MSVOA_N

ClientSampled :

VN1021WBSD01

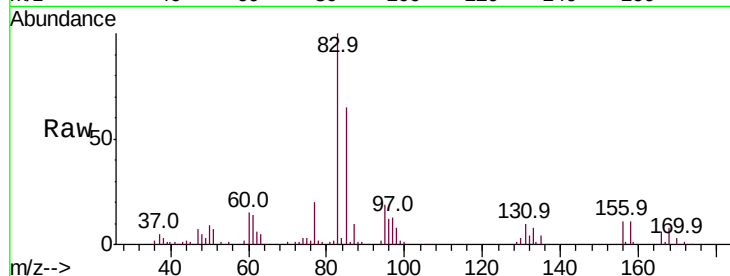
Tot Ion: 83 Resp: 69550

Ion Ratio Lower Upper

83 100

131 10.5 5.5 16.7

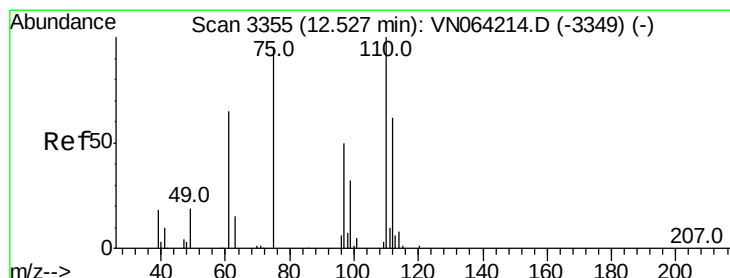
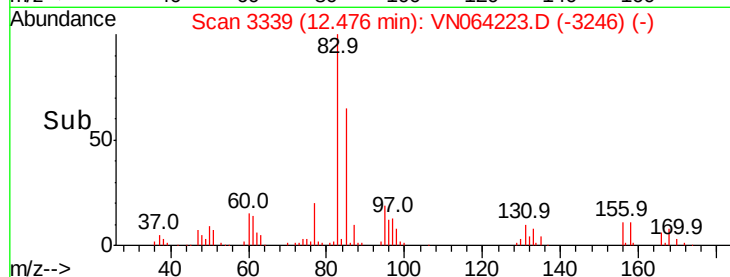
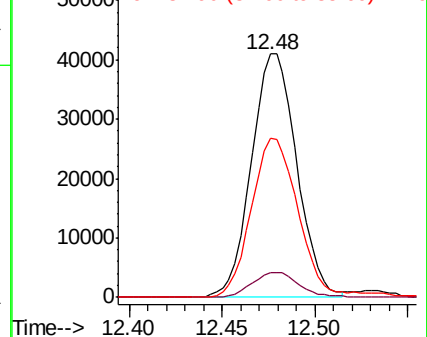
85 68.2 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN064223.D (-3246) (-)

Ion 130.80 (130.50 to 131.50): VN064223.D (-3246) (-)

Ion 84.90 (84.60 to 85.60): VN064223.D (-3246) (-)



#76

1,2,3-Trichloropropane

Concen: 28.280 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN064223.D

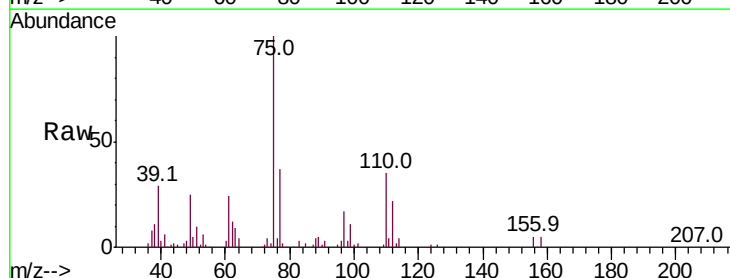
Acq: 21 Oct 2020 15:58

Tgt Ion: 75 Resp: 106602

Ion Ratio Lower Upper

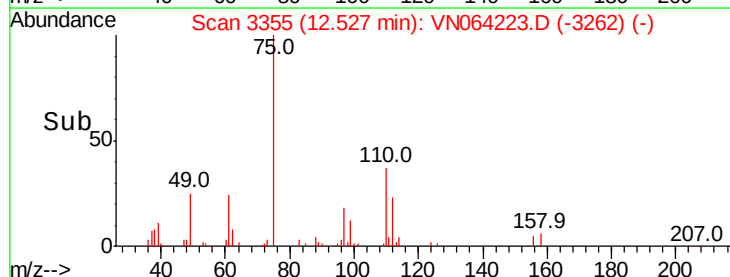
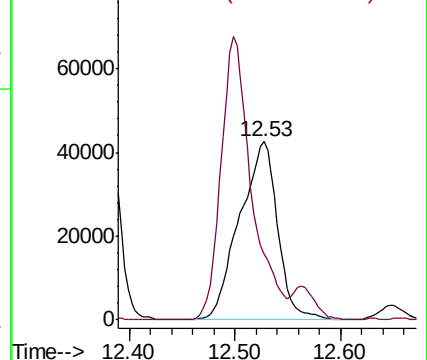
75 100

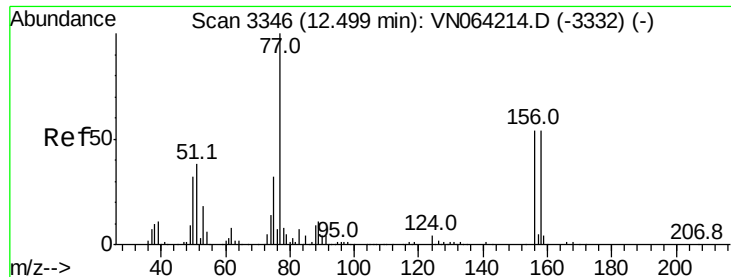
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064223.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN064223.D (-3262) (-)

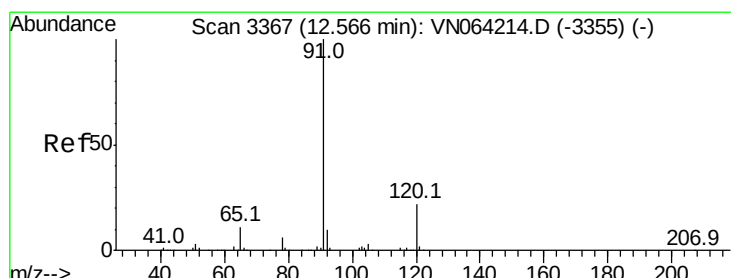
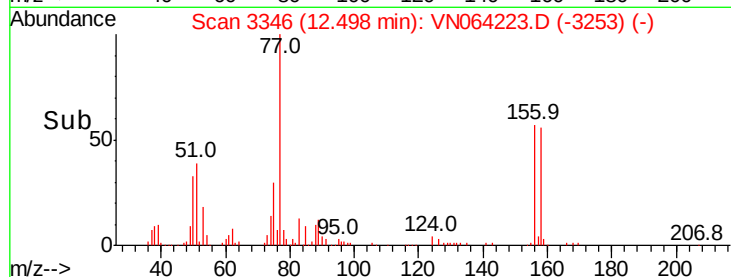
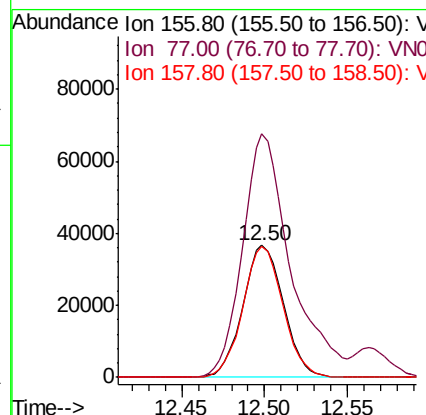
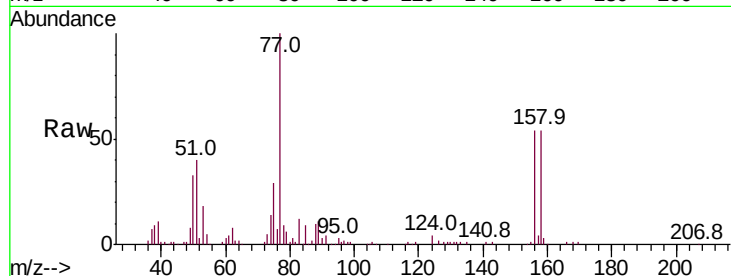




#77
Bromobenzene
Concen: 19.429 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. -0.00 min
Lab File: VN064223.D
Acq: 21 Oct 2020 15:58

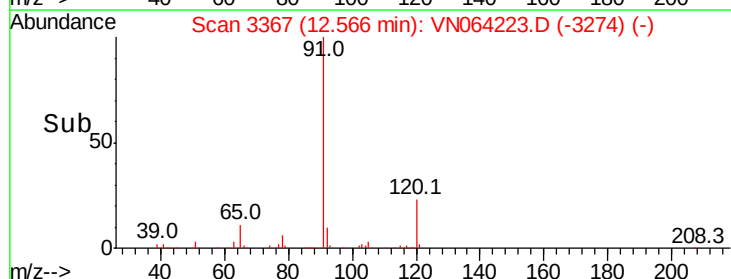
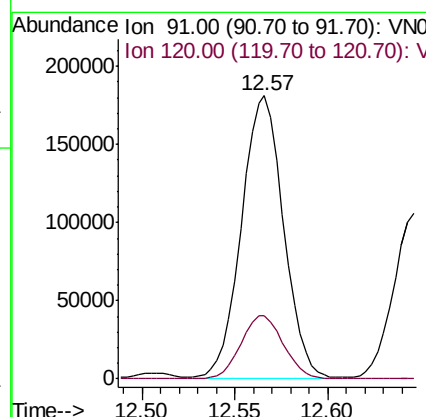
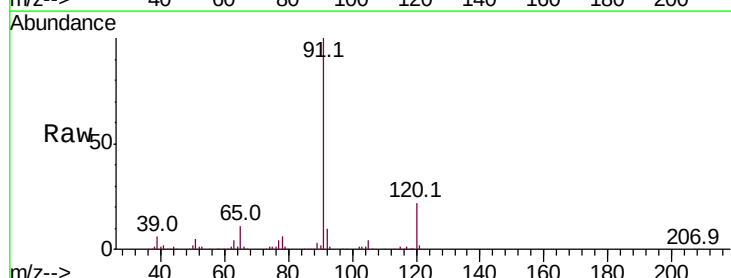
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01

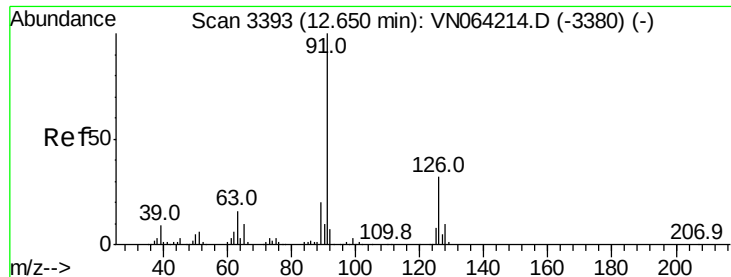
Tot Ion:156 Resp: 62553
Ion Ratio Lower Upper
156 100
77 218.3 111.1 333.4
158 97.8 50.0 150.1



#78
n-propylbenzene
Concen: 18.577 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. -0.00 min
Lab File: VN064223.D
Acq: 21 Oct 2020 15:58

Tgt Ion: 91 Resp: 285635
Ion Ratio Lower Upper
91 100
120 22.5 11.1 33.1





#79

2-Chlorotoluene

Concen: 18.917 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

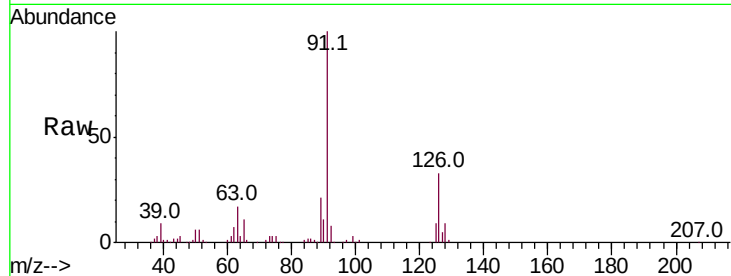
VN1021WBSD01

Tot Ion: 91 Resp: 178656

Ion Ratio Lower Upper

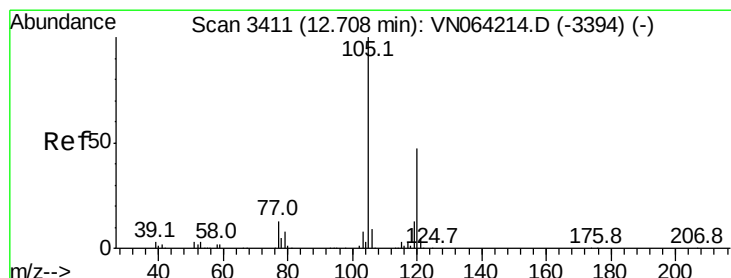
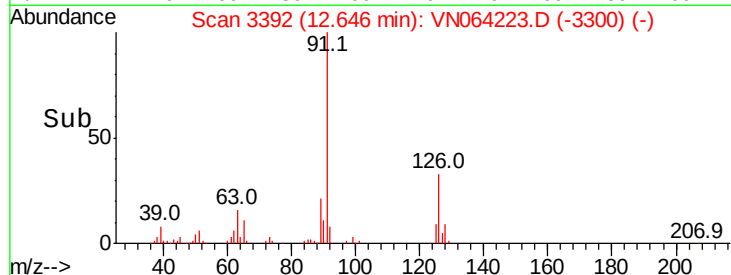
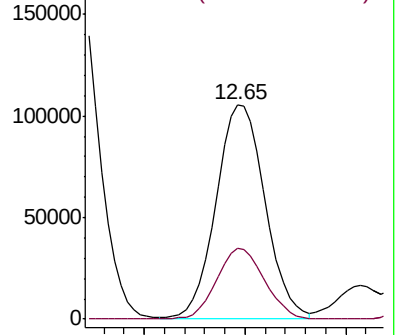
91 100

126 32.3 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VN064214.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064214.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.805 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064223.D

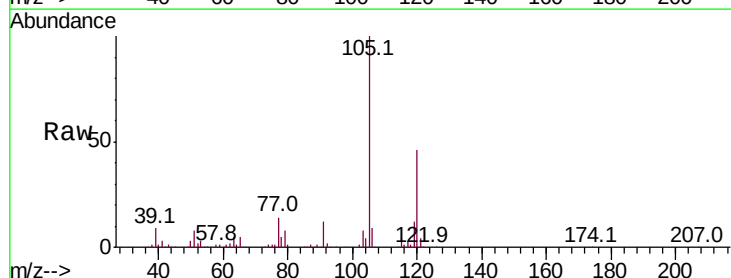
Acq: 21 Oct 2020 15:58

Tgt Ion: 105 Resp: 216804

Ion Ratio Lower Upper

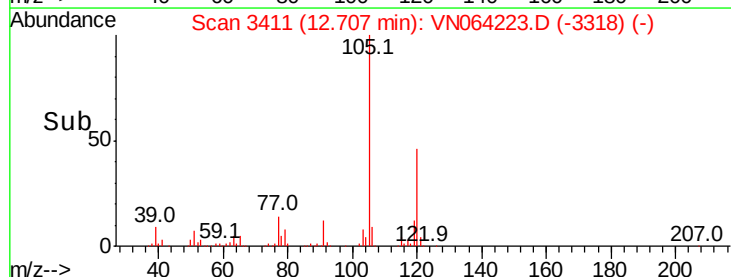
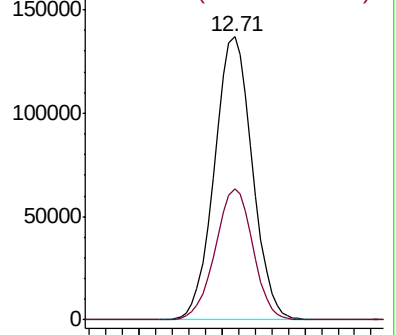
105 100

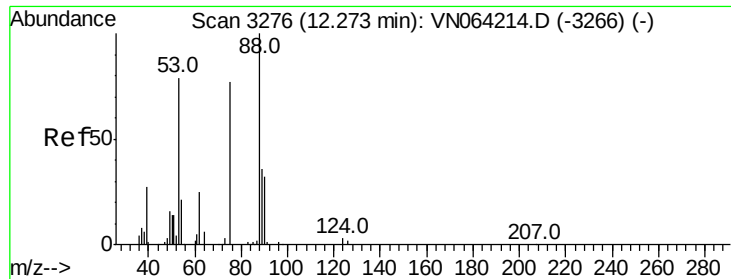
120 46.2 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN064214.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN064214.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.806 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD01

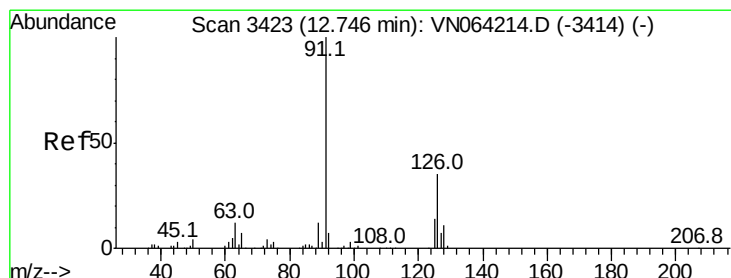
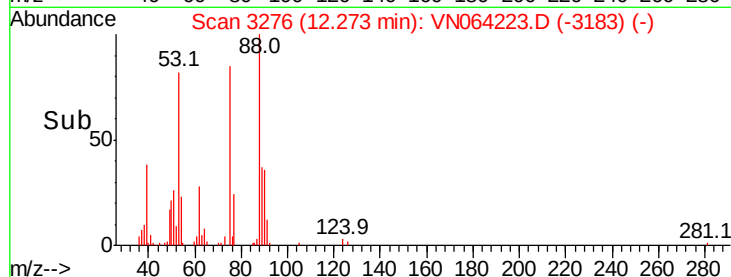
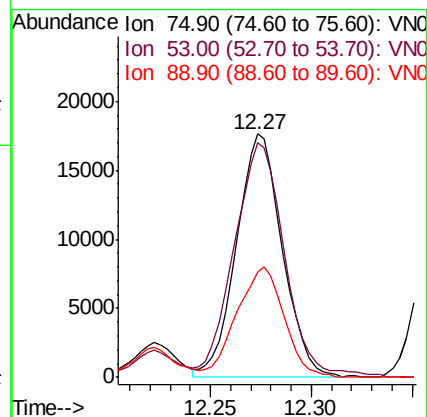
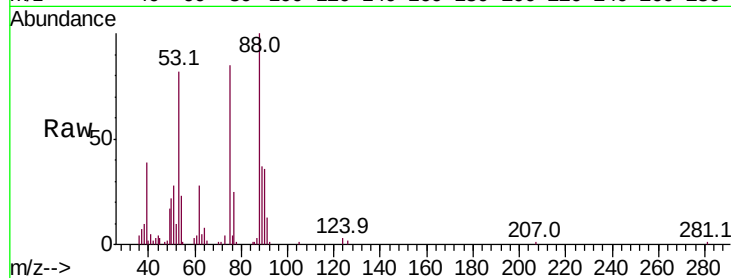
Tot Ion: 75 Resp: 28078

Ion Ratio Lower Upper

75 100

53 106.2 81.0 121.4

89 46.9 38.7 58.1



#82

4-Chlorotoluene

Concen: 19.264 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064223.D

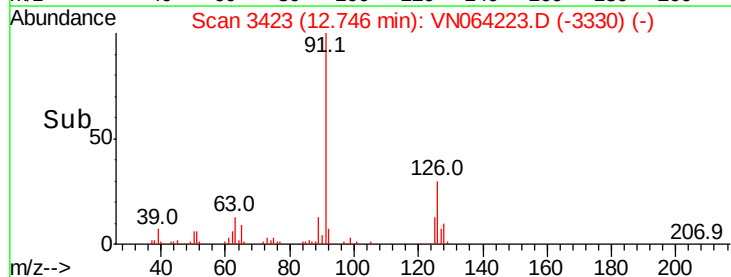
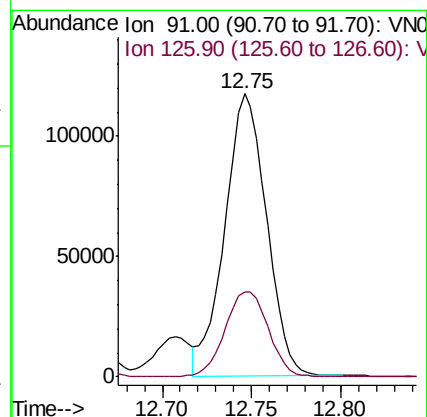
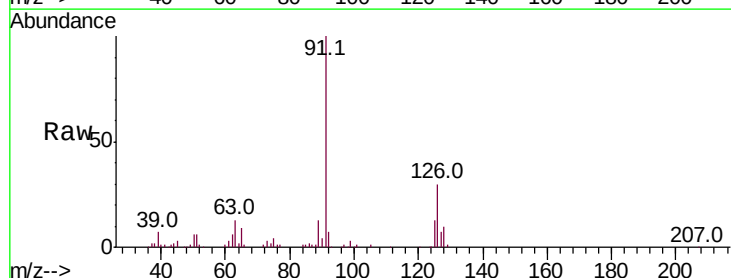
Acq: 21 Oct 2020 15:58

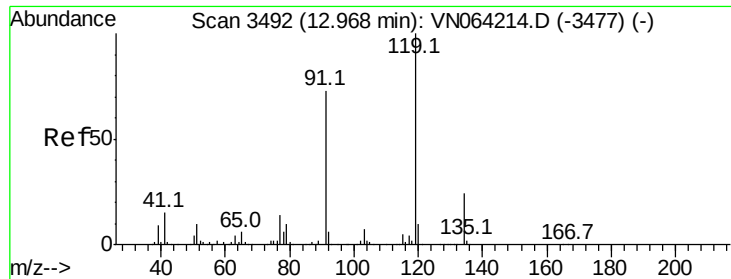
Tgt Ion: 91 Resp: 189781

Ion Ratio Lower Upper

91 100

126 31.6 15.8 47.3

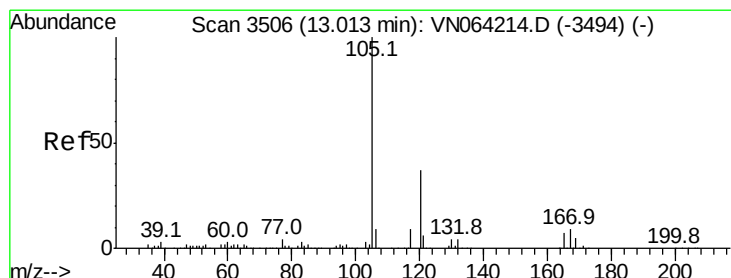
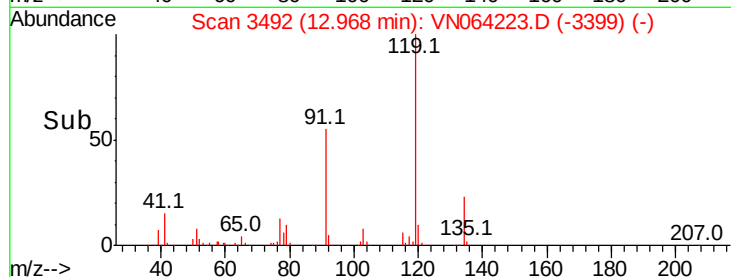
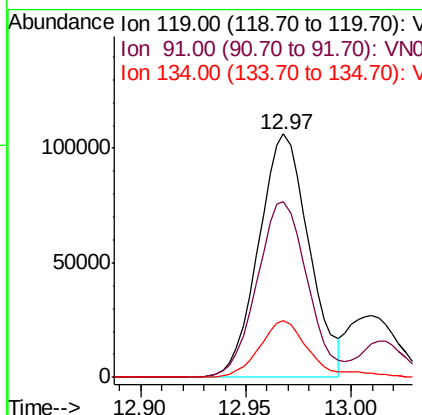
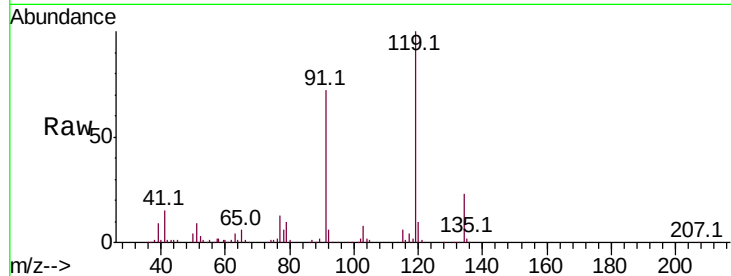




#83
 tert-Butylbenzene
 Concen: 18.662 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064223.D
 Acq: 21 Oct 2020 15:58

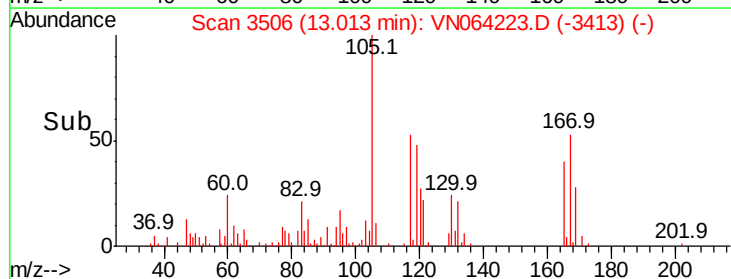
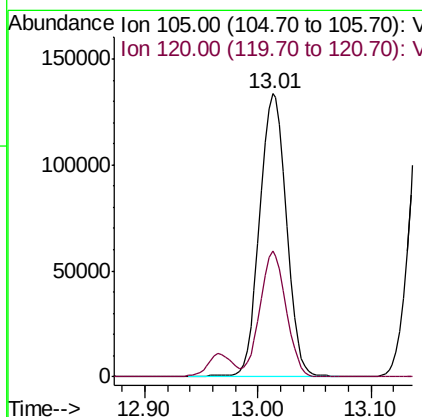
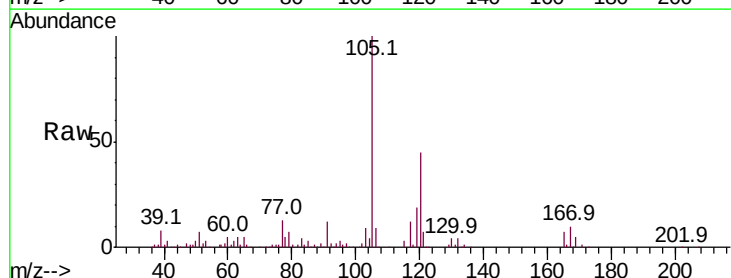
Instrument :
 MSVOA_N
 ClientSampled :
 VN1021WBSD01

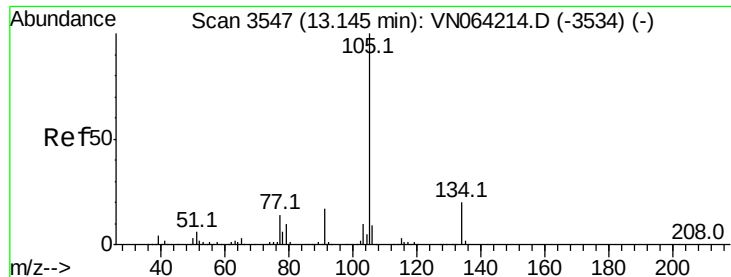
Tot Ion:119 Resp: 176398
 Ion Ratio Lower Upper
 119 100
 91 72.3 35.1 105.3
 134 23.5 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.235 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064223.D
 Acq: 21 Oct 2020 15:58

Tgt Ion:105 Resp: 220725
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.5 64.5





#85

sec-Butylbenzene

Concen: 18.977 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

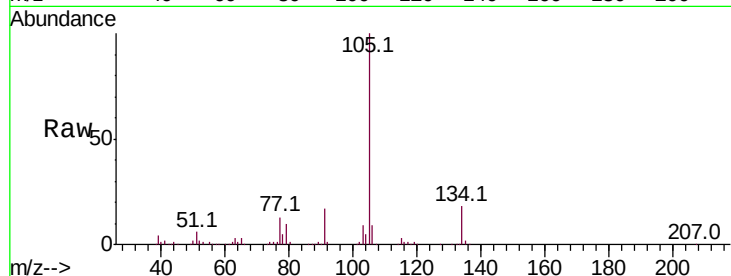
VN1021WBSD01

Tot Ion:105 Resp: 226137

Ion Ratio Lower Upper

105 100

134 18.8 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.14

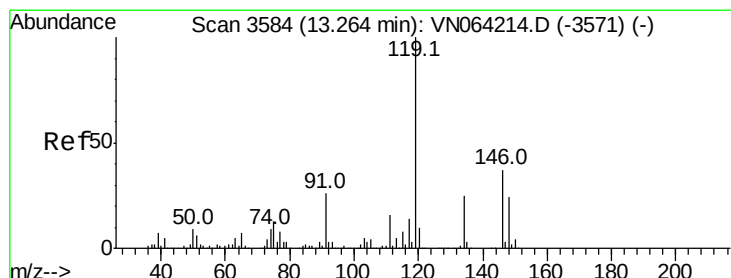
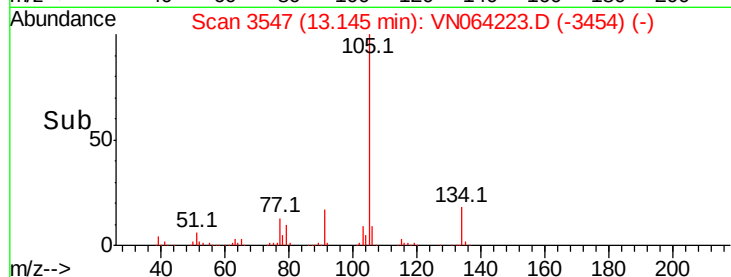
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.596 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

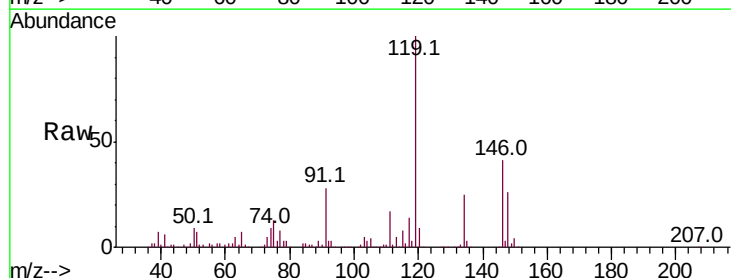
Tgt Ion:119 Resp: 212653

Ion Ratio Lower Upper

119 100

134 25.4 13.1 39.3

91 27.7 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

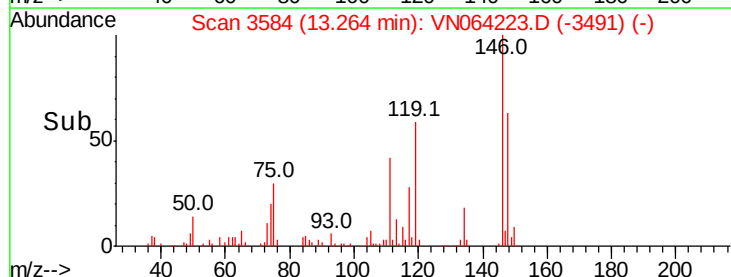
150000

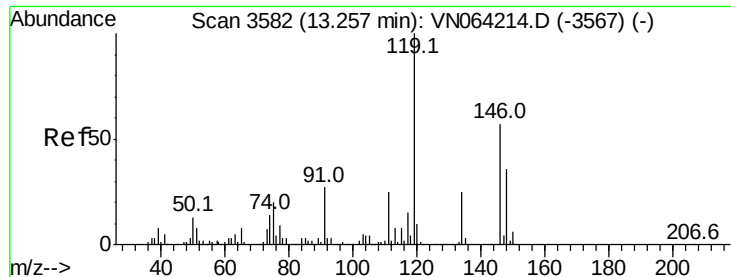
100000

50000

0

Time-->

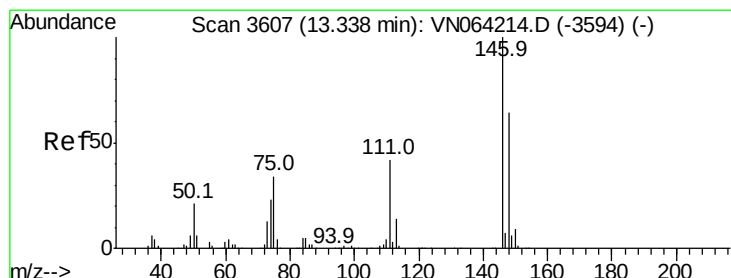
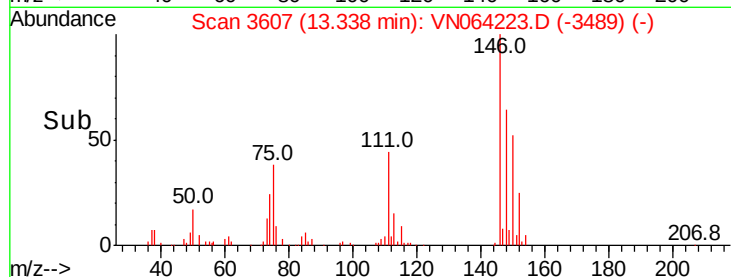
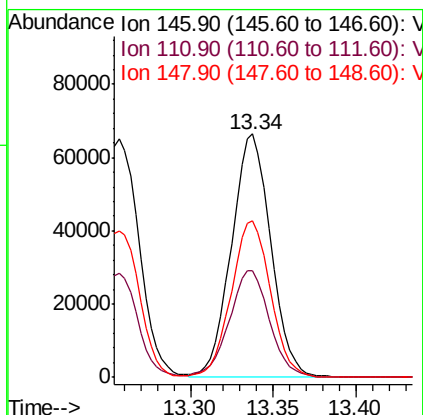
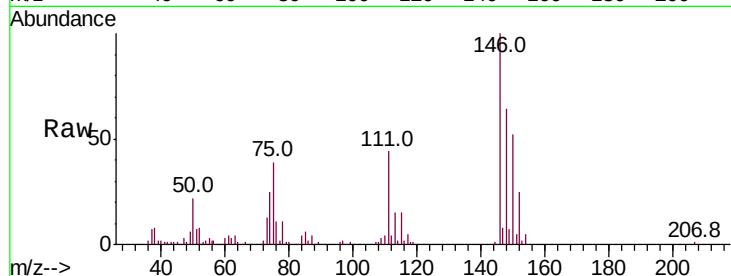




#87
 1,3-Dichlorobenzene
 Concen: 19.043 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.08 min
 Lab File: VN064223.D
 Acq: 21 Oct 2020 15:58

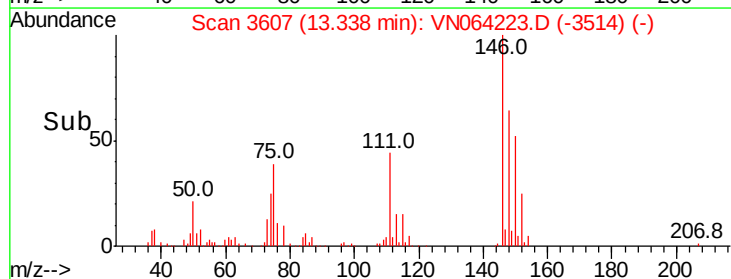
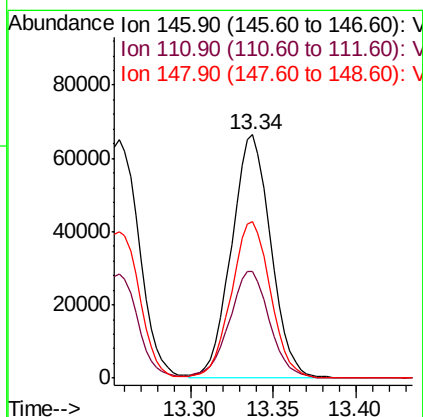
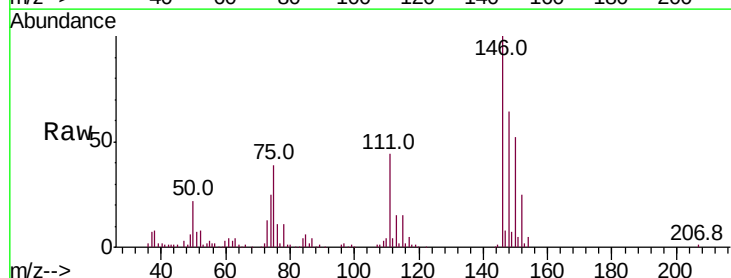
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD01

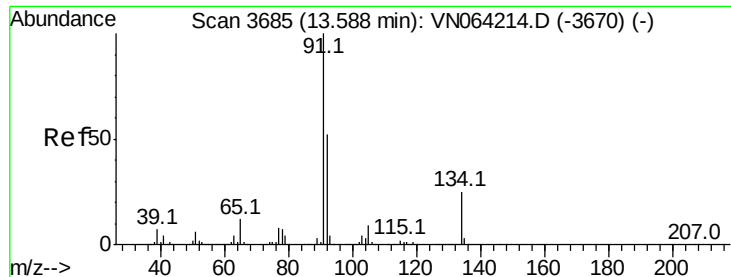
Tot Ion:146 Resp: 109088
 Ion Ratio Lower Upper
 146 100
 111 45.6 21.6 65.0
 148 64.9 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 18.605 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN064223.D
 Acq: 21 Oct 2020 15:58

Tgt Ion:146 Resp: 109088
 Ion Ratio Lower Upper
 146 100
 111 45.6 21.5 64.5
 148 64.9 32.0 96.0





#89

n-Butylbenzene

Concen: 18.884 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD01

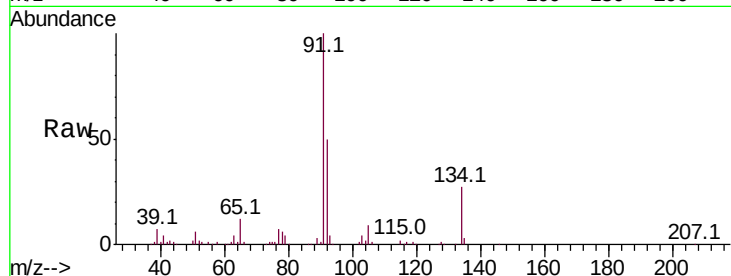
Tot Ion: 91 Resp: 183694

Ion Ratio Lower Upper

91 100

92 51.4 25.7 77.0

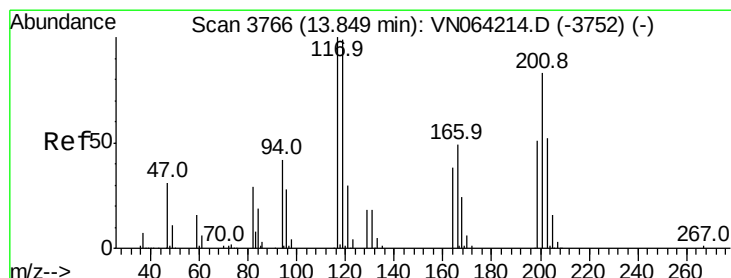
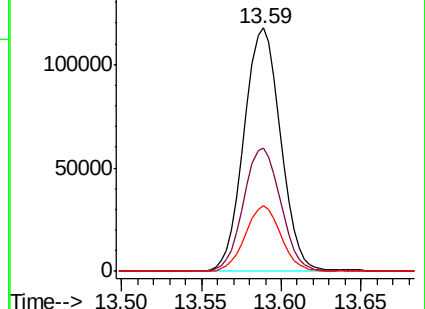
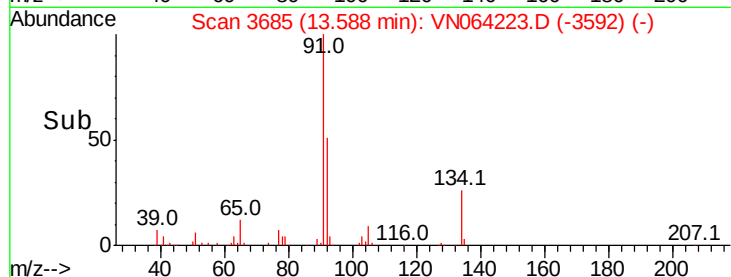
134 26.3 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VN064223.D (-3673) (-)

Ion 92.00 (91.70 to 92.70): VN064223.D (-3673) (-)

Ion 134.00 (133.70 to 134.70): VN064223.D (-3673) (-)



#90

Hexachloroethane

Concen: 17.802 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. -0.00 min

Lab File: VN064223.D

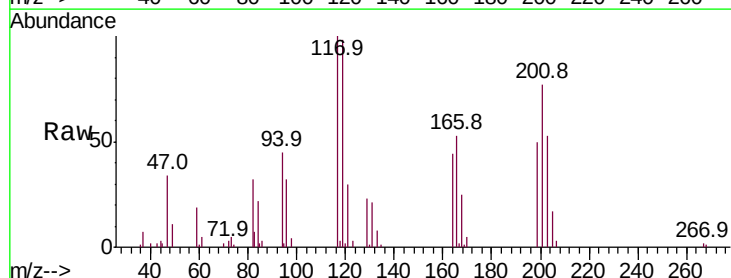
Acq: 21 Oct 2020 15:58

Tgt Ion: 117 Resp: 34987

Ion Ratio Lower Upper

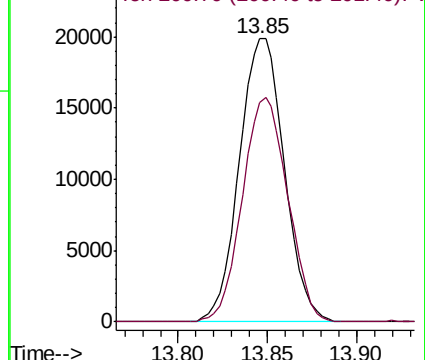
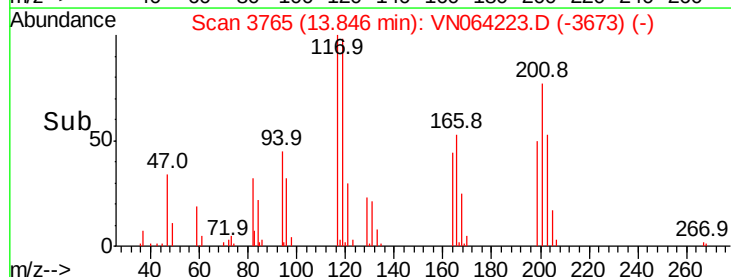
117 100

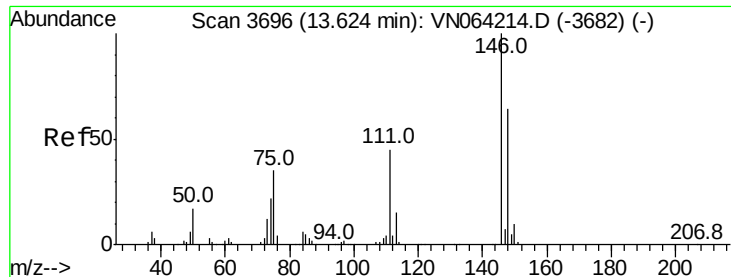
201 80.0 40.1 120.3



Abundance Ion 116.80 (116.50 to 117.50): VN064223.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN064223.D (-3673) (-)

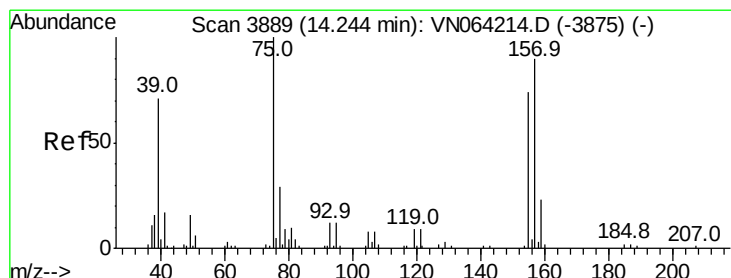
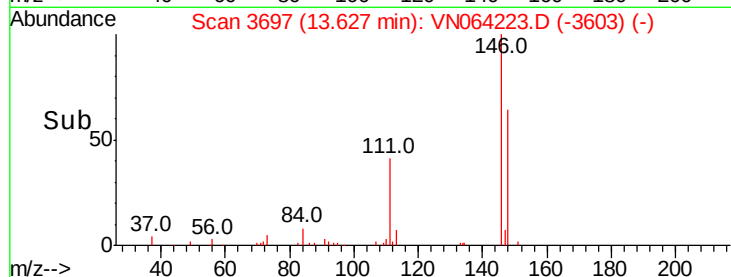
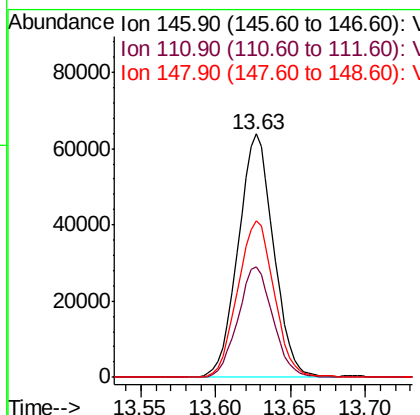
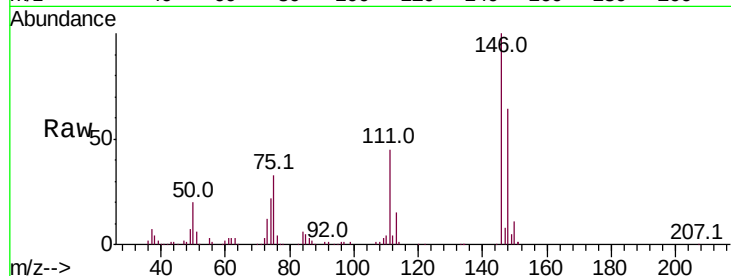




#91
 1,2-Dichlorobenzene
 Concen: 18.682 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064223.D
 Acq: 21 Oct 2020 15:58

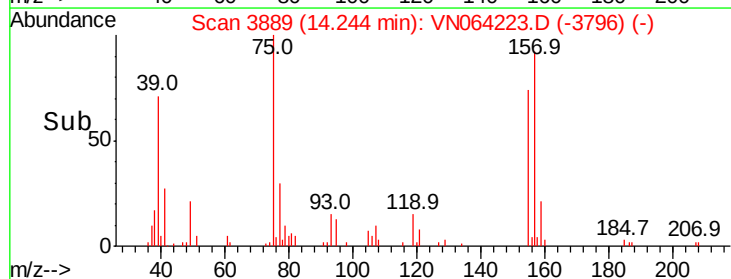
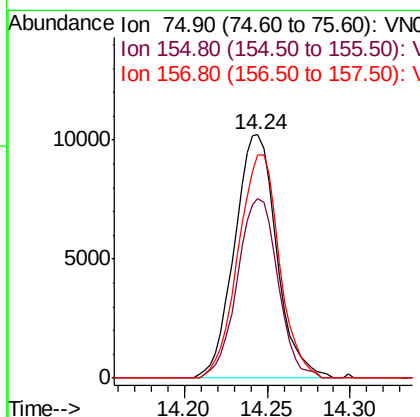
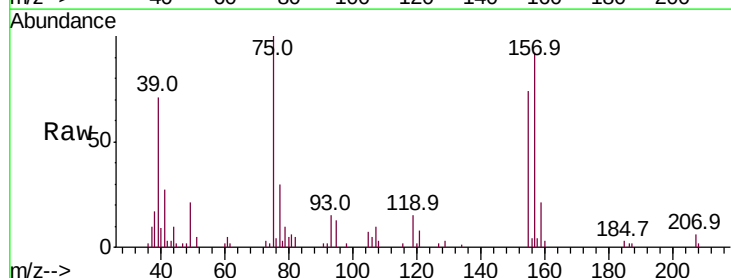
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD01

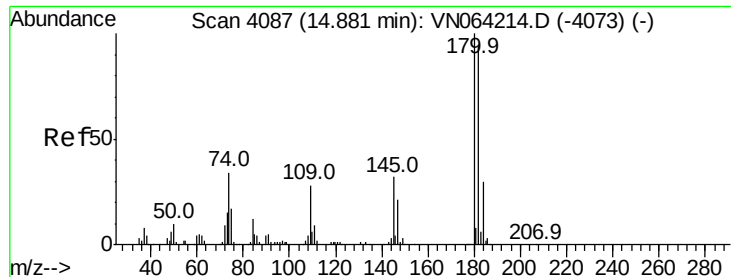
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.9	68.7
148	66.1	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.958 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN064223.D
 Acq: 21 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.3	36.9	110.7
157	90.1	44.6	133.8

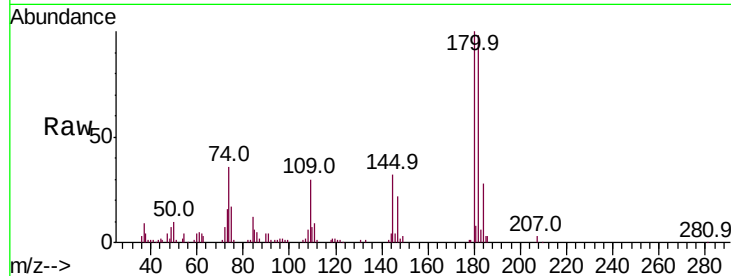




#93
 1,2,4-Trichlorobenzene
 Concen: 19.451 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064223.D
 Acq: 21 Oct 2020 15:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.1	46.9	140.7
145	32.4	16.1	48.3

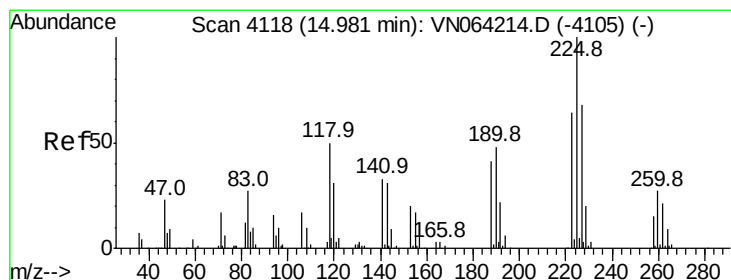
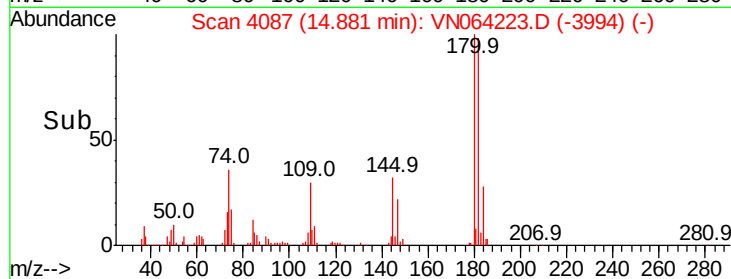
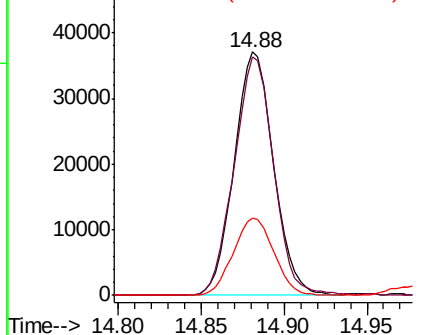


Abundance

Ion 179.80 (179.50 to 180.50): V

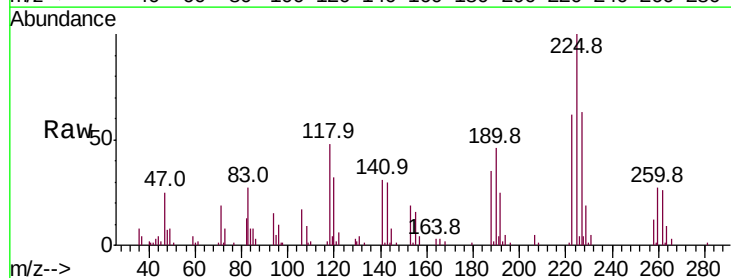
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.394 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064223.D
 Acq: 21 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.5	94.5
227	61.7	32.1	96.5

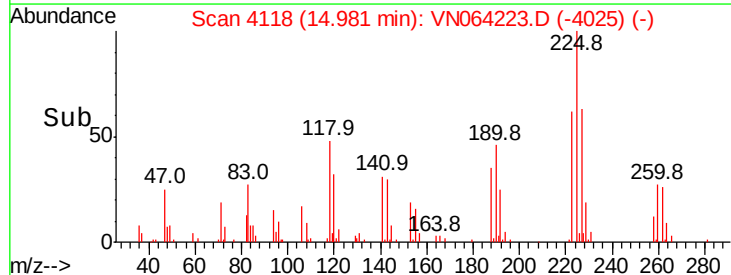
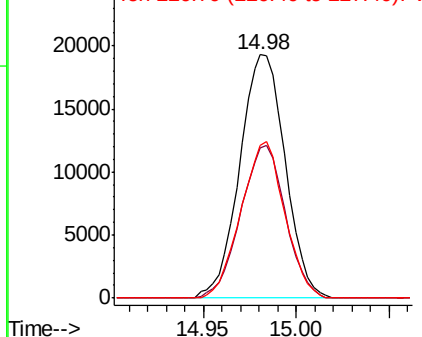


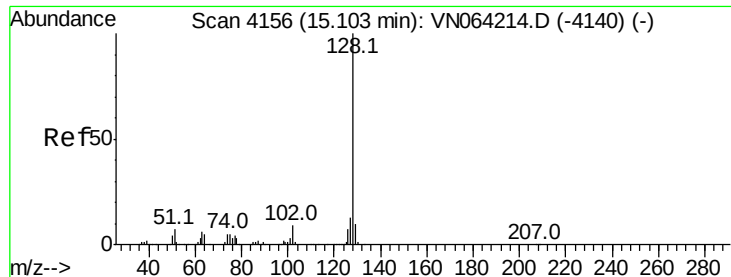
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.575 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD01

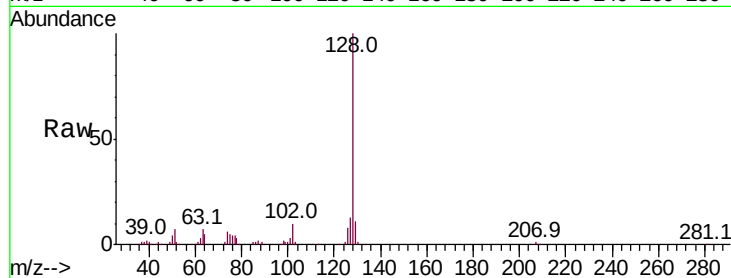
Tot Ion:128 Resp: 184778

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

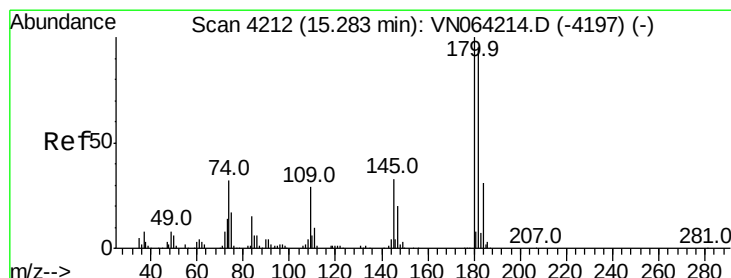
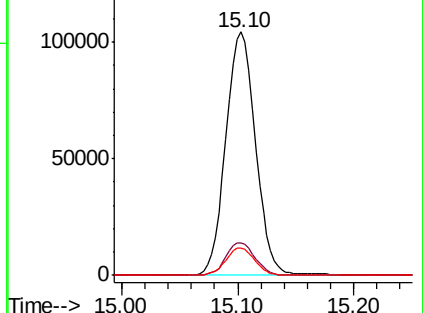
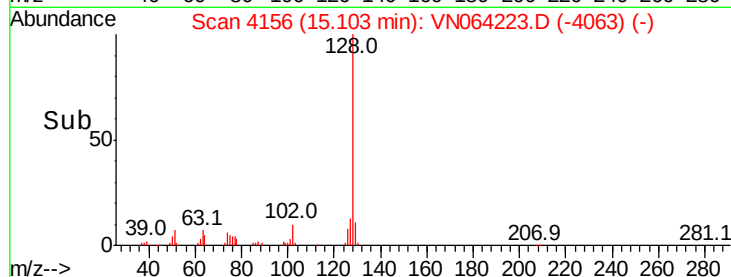
129 11.1 8.6 12.8



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: 19.378 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN064223.D

Acq: 21 Oct 2020 15:58

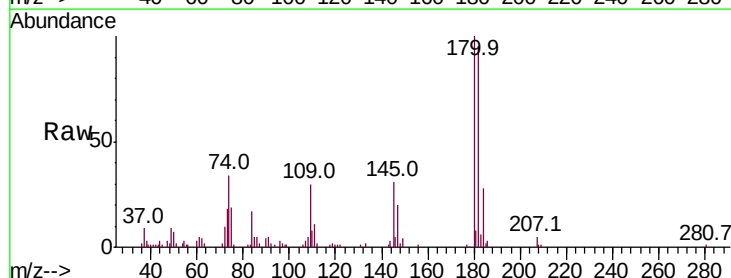
Tgt Ion:180 Resp: 60497

Ion Ratio Lower Upper

180 100

182 96.0 48.0 144.2

145 32.3 17.1 51.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

