

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN103020\
 Data File : VN064392.D
 Acq On : 30 Oct 2020 11:51
 Operator : JC/MD
 Sample : VN1030WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

Quant Time: Oct 30 14:36:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	243412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	397731	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	356547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	169768	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	191898	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
35) Dibromofluoromethane	7.55	113	134530	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
50) Toluene-d8	10.06	98	485519	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
62) 4-Bromofluorobenzene	12.37	95	187165	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	49891	17.831	ug/l	97
3) Chloromethane	2.04	50	52985	17.518	ug/l	100
4) Vinyl Chloride	2.16	62	54151	18.509	ug/l	98
5) Bromomethane	2.54	94	33214	17.570	ug/l	96
6) Chloroethane	2.68	64	33443	19.131	ug/l	96
7) Trichlorofluoromethane	2.99	101	95838	19.554	ug/l	99
8) Diethyl Ether	3.37	74	28598	18.445	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	47213	19.166	ug/l	97
10) Methyl Iodide	3.91	142	50231	15.281	ug/l #	96
11) Tert butyl alcohol	4.73	59	45288	79.756	ug/l	97
12) 1,1-Dichloroethene	3.70	96	43184	18.570	ug/l	96
13) Acrolein	3.57	56	7965	77.747	ug/l	100
14) Allyl chloride	4.28	41	82139	17.298	ug/l	100
15) Acrylonitrile	4.93	53	108631	88.961	ug/l	100
16) Acetone	3.77	43	121535	86.326	ug/l	97
17) Carbon Disulfide	4.01	76	114963	16.709	ug/l	98
18) Methyl Acetate	4.28	43	52896	18.002	ug/l	100
19) Methyl tert-butyl Ether	4.98	73	164233	18.381	ug/l	100
20) Methylene Chloride	4.51	84	51191	18.453	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	47700	18.387	ug/l	97
22) Diisopropyl ether	5.90	45	173111	18.651	ug/l	95
23) Vinyl Acetate	5.84	43	718654	91.522	ug/l	99
24) 1,1-Dichloroethane	5.80	63	95029	18.297	ug/l	97
25) 2-Butanone	6.78	43	163358	83.175	ug/l	97
26) 2,2-Dichloropropane	6.78	77	93669	18.428	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	56076	18.888	ug/l	99
28) Bromochloromethane	7.15	49	42354	17.117	ug/l	97
29) Tetrahydrofuran	7.16	42	104621	82.054	ug/l	97
30) Chloroform	7.33	83	102040	18.407	ug/l	99
31) Cyclohexane	7.61	56	76929	16.946	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	96761	18.177	ug/l	99
36) 1,1-Dichloropropene	7.75	75	74038	18.445	ug/l	99
37) Ethyl Acetate	6.88	43	65726	16.210	ug/l	97
38) Carbon Tetrachloride	7.73	117	87022	18.700	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	64428	16.187	ug/l	97
40) Benzene	8.00	78	203844	18.244	ug/l	98
41) Methacrylonitrile	7.16	41	100947	50.155	ug/l #	20
42) 1,2-Dichloroethane	8.08	62	92622	19.190	ug/l	100
43) Isopropyl Acetate	8.12	43	126647	18.273	ug/l #	88
44) Trichloroethene	8.80	130	54740	18.702	ug/l	96
45) 1,2-Dichloropropane	9.08	63	54152	18.099	ug/l	95
46) Dibromomethane	9.17	93	39048	18.655	ug/l	98
47) Bromodichloromethane	9.37	83	80795	17.417	ug/l	98
48) Methyl methacrylate	9.16	41	60953	17.045	ug/l	99
49) 1,4-Dioxane	9.16	88	17230	326.902	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	351726	87.302	ug/l	100
52) Toluene	10.12	92	131018	18.583	ug/l	96
53) t-1,3-Dichloropropene	10.35	75	89783	18.305	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	91840	18.190	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	49908	17.933	ug/l	94
56) Ethyl methacrylate	10.40	69	71408	16.950	ug/l	96
57) 1,3-Dichloropropane	10.68	76	87568	18.445	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	181176	78.808	ug/l	100
59) 2-Hexanone	10.72	43	257625	86.823	ug/l	98
60) Dibromochloromethane	10.87	129	59342	18.034	ug/l	98
61) 1,2-Dibromoethane	10.98	107	54041	19.057	ug/l	98
64) Tetrachloroethene	10.60	164	54526	18.607	ug/l	95
65) Chlorobenzene	11.41	112	139689	19.325	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	55217	18.900	ug/l	97
67) Ethyl Benzene	11.48	91	248774	18.512	ug/l	99
68) m/p-Xylenes	11.59	106	179083	35.959	ug/l	96
69) o-Xylene	11.92	106	89126	18.575	ug/l	98
70) Styrene	11.94	104	144290	18.342	ug/l	97
71) Bromoform	12.10	173	40675	17.739	ug/l #	96
73) Isopropylbenzene	12.22	105	234629	18.453	ug/l	95
74) N-amyl acetate	12.04	43	99765	17.826	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	68865	18.633	ug/l	95
76) 1,2,3-Trichloropropane	12.53	75	98862	24.317	ug/l #	100
77) Bromobenzene	12.50	156	57425	18.443	ug/l	99
78) n-propylbenzene	12.56	91	258383	17.949	ug/l	100
79) 2-Chlorotoluene	12.65	91	166651	18.110	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	191146	17.766	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	24872	17.623	ug/l	95
82) 4-Chlorotoluene	12.75	91	174169	18.579	ug/l	100
83) tert-Butylbenzene	12.97	119	154231	17.469	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	192615	17.917	ug/l	99
85) sec-Butylbenzene	13.14	105	190191	16.647	ug/l	100
86) p-Isopropyltoluene	13.26	119	173416	16.849	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	98150	18.007	ug/l	96
88) 1,4-Dichlorobenzene	13.33	146	98110	17.672	ug/l	97
89) n-Butylbenzene	13.59	91	139665	15.403	ug/l	98
90) Hexachloroethane	13.85	117	32740	16.937	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	95834	17.685	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	15788	17.215	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration

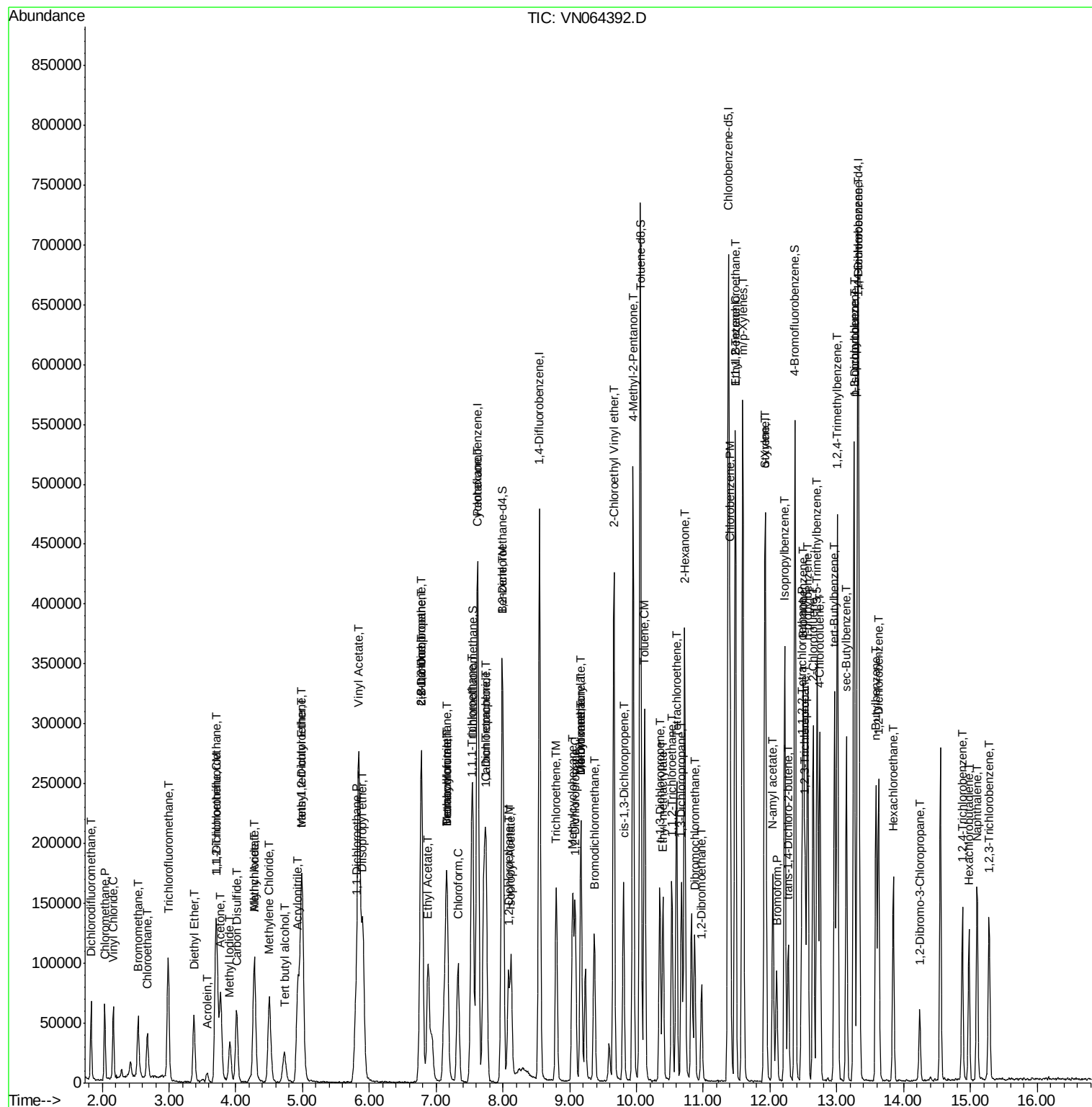
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	43203	15.330	ug/l	96
94) Hexachlorobutadiene	14.98	225	23853	14.344	ug/l	96
95) Naphthalene	15.10	128	132252	15.513	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	43084	15.907	ug/l	98

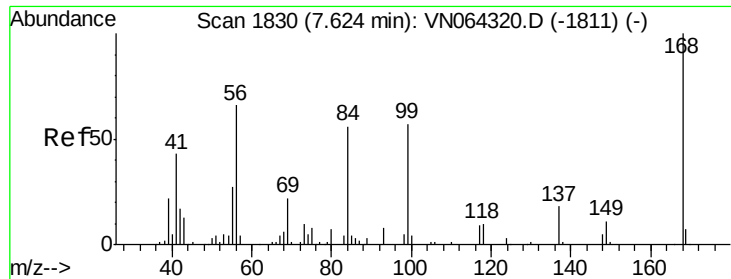
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN103020\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

ClientSampled :

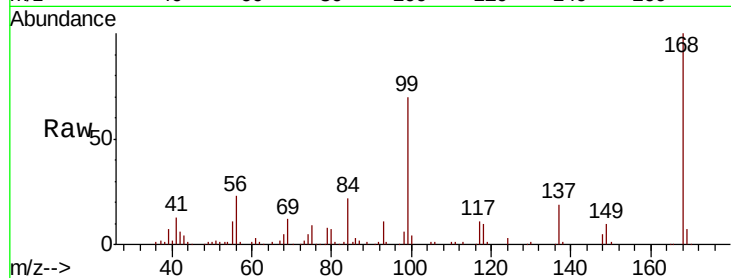
VN1030WBS01

Tot Ion:168 Resp: 243412

Ion Ratio Lower Upper

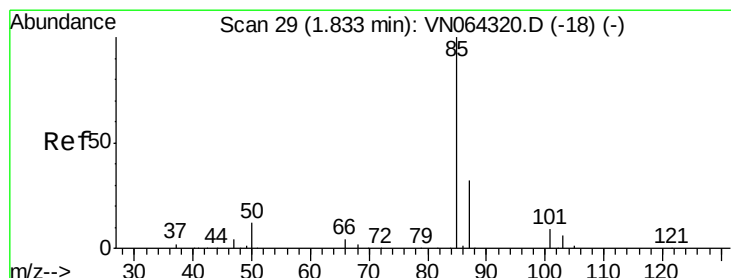
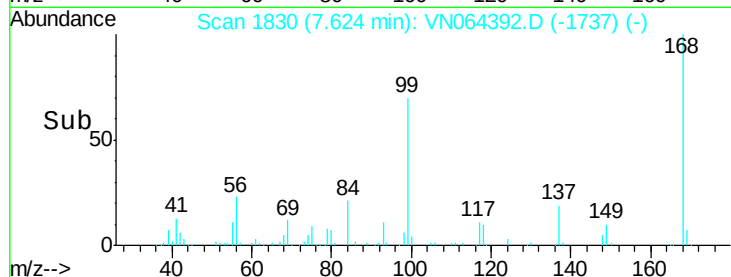
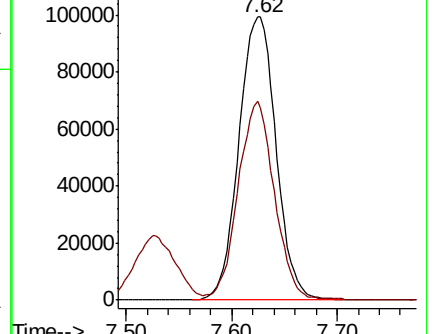
168 100

99 69.6 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 17.831 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064392.D

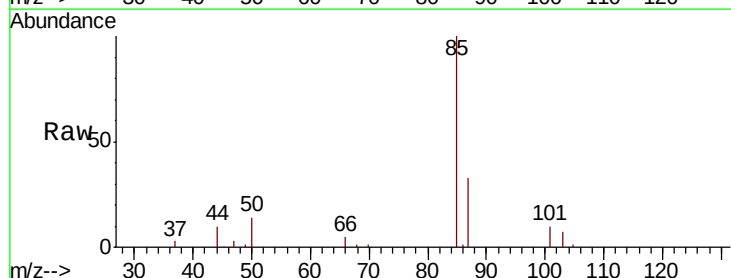
Acq: 30 Oct 2020 11:51

Tgt Ion: 85 Resp: 49891

Ion Ratio Lower Upper

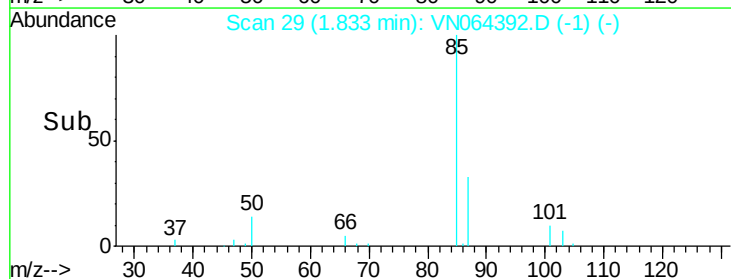
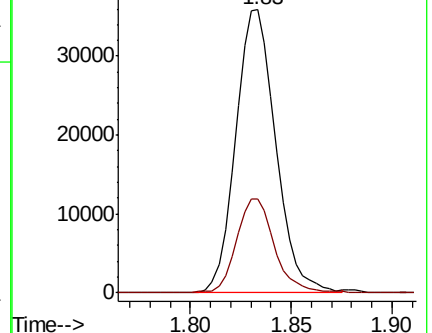
85 100

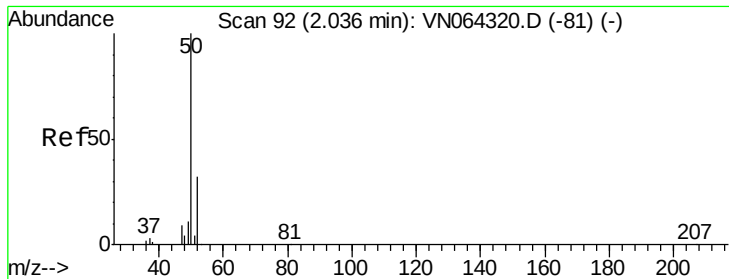
87 33.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 17.518 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

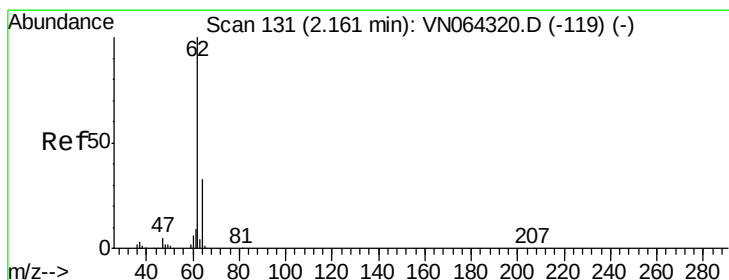
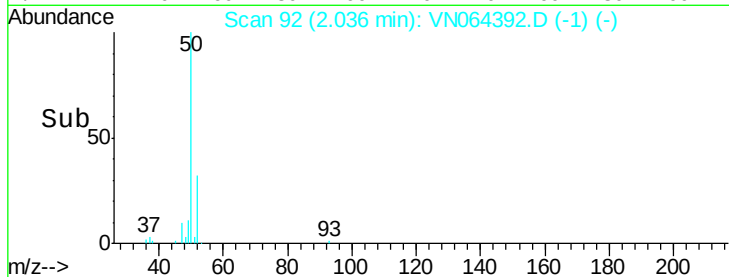
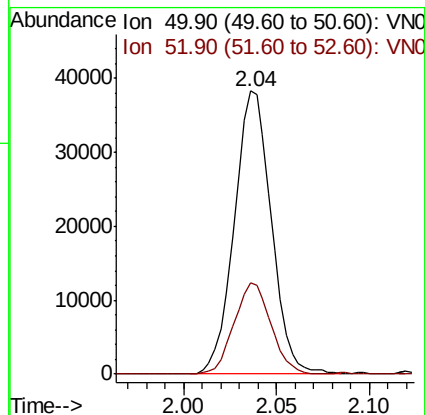
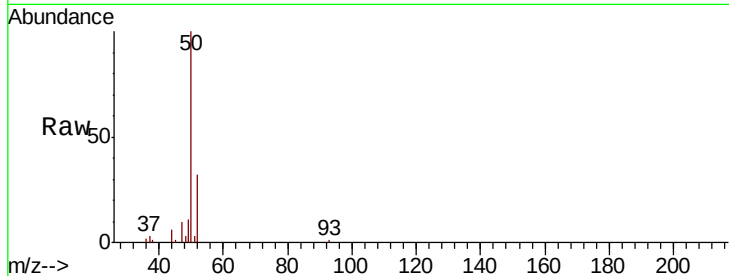
VN1030WBS01

Tot Ion: 50 Resp: 52985

Ion Ratio Lower Upper

50 100

52 32.1 25.6 38.4



#4

Vinyl Chloride

Concen: 18.509 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064392.D

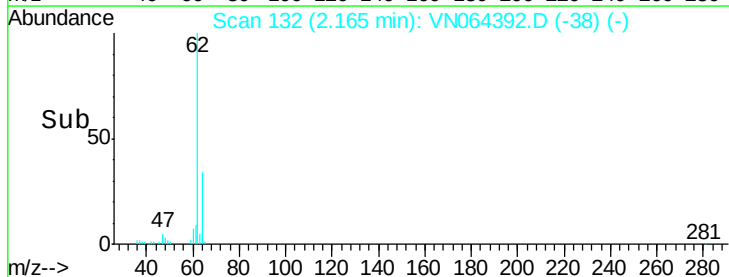
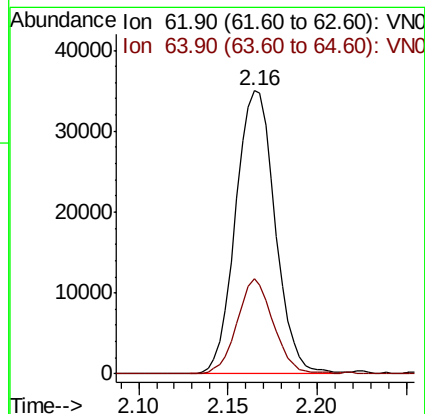
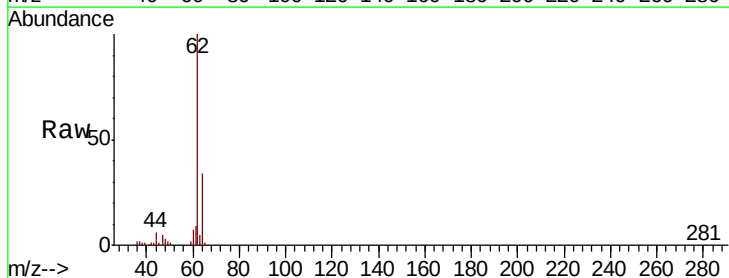
Acq: 30 Oct 2020 11:51

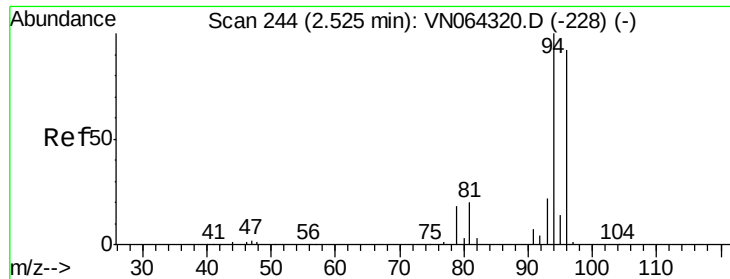
Tgt Ion: 62 Resp: 54151

Ion Ratio Lower Upper

62 100

64 33.7 26.2 39.4





#5

Bromomethane

Concen: 17.570 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

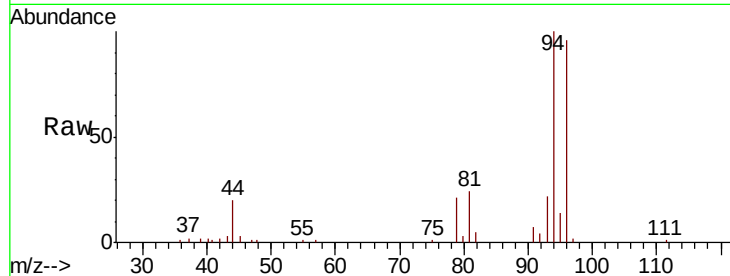
VN1030WBS01

Tot Ion: 94 Resp: 33214

Ion Ratio Lower Upper

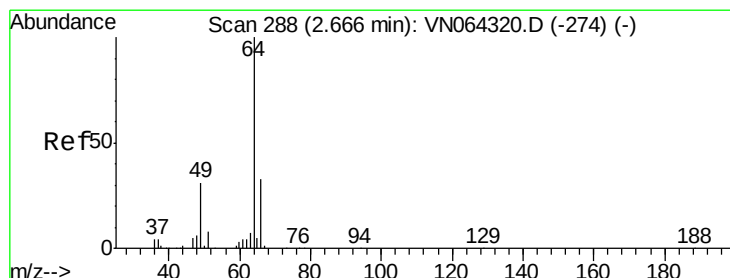
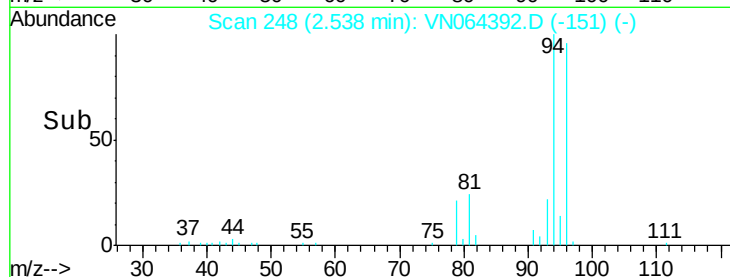
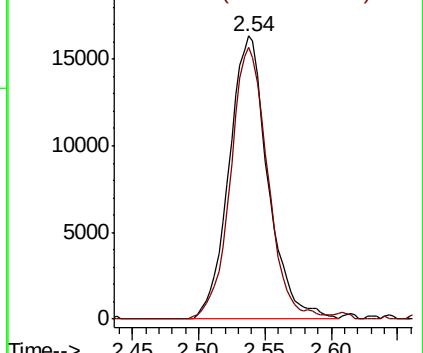
94 100

96 95.9 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.131 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064392.D

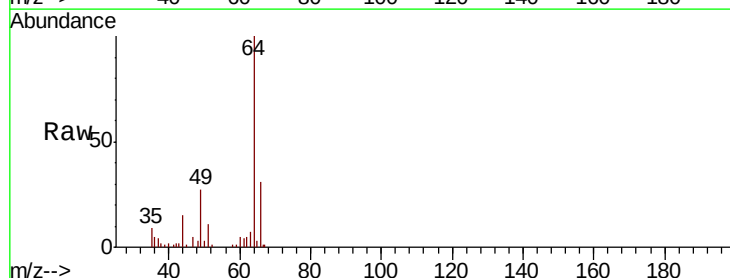
Acq: 30 Oct 2020 11:51

Tgt Ion: 64 Resp: 33443

Ion Ratio Lower Upper

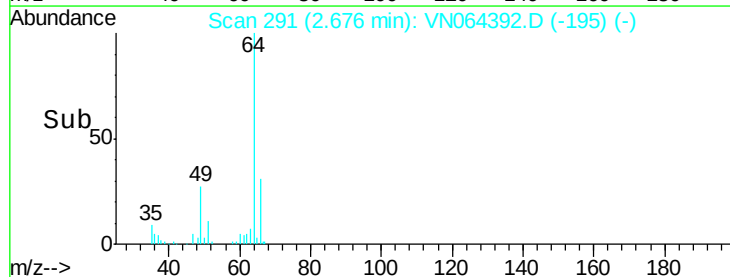
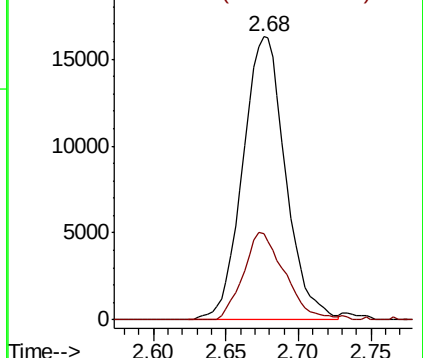
64 100

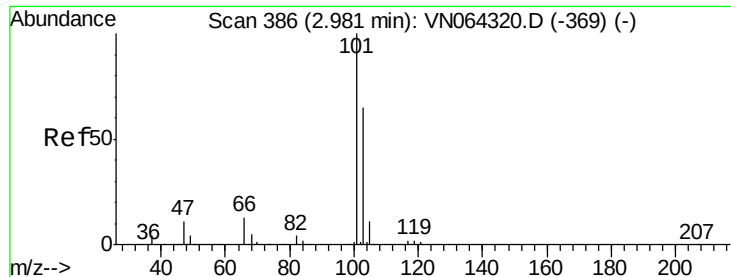
66 30.6 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



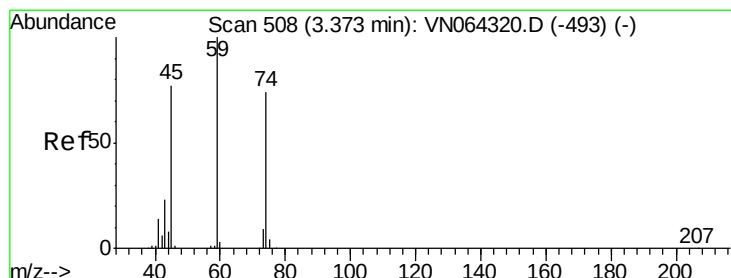
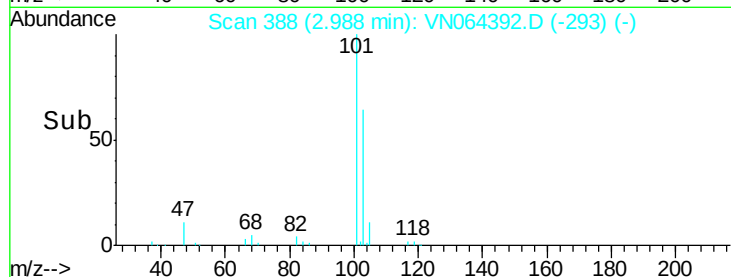
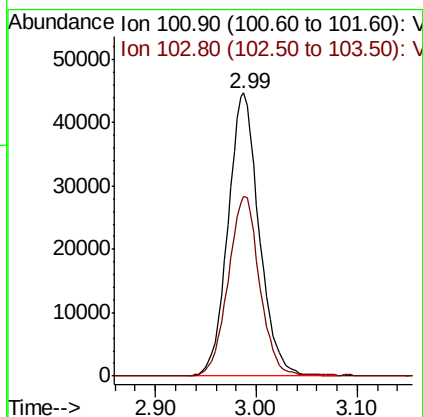
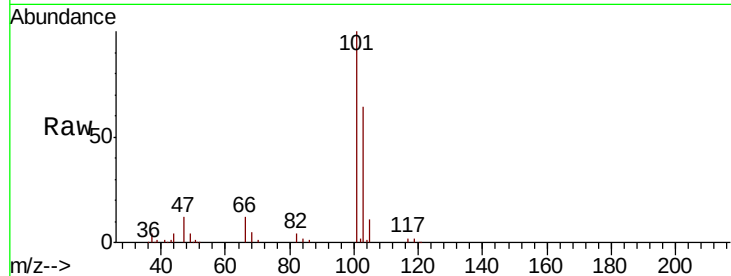


#7

Trichlorofluoromethane
 Concen: 19.554 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.01 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Instrument :
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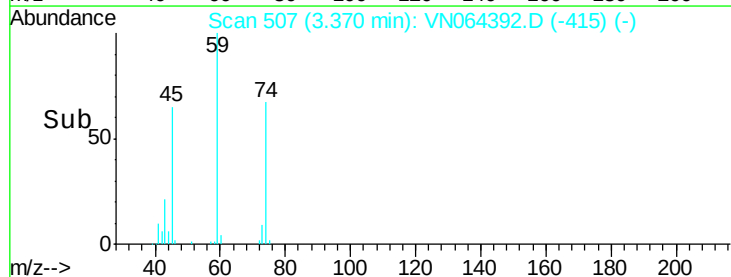
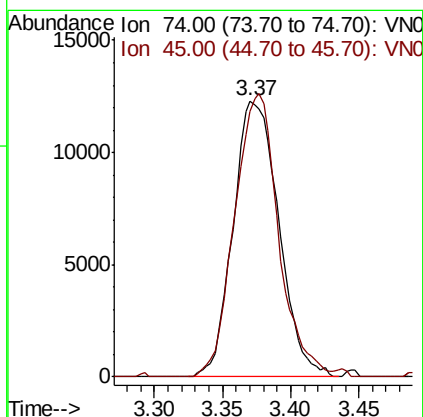
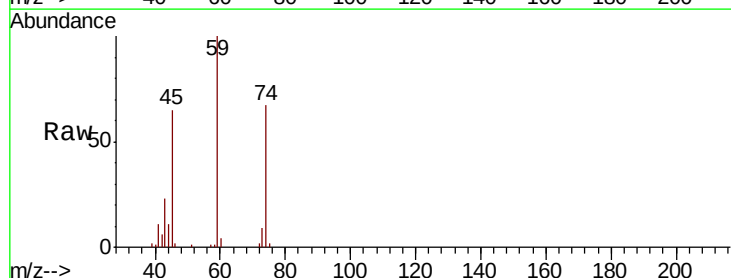
Tot Ion:101 Resp: 95838
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.7 77.5

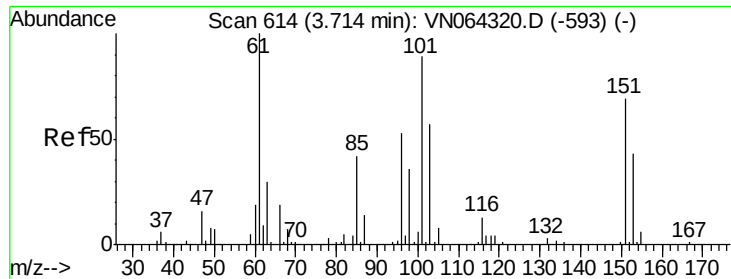


#8

Diethyl Ether
 Concen: 18.445 ug/l
 RT: 3.37 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Tgt Ion: 74 Resp: 28598
 Ion Ratio Lower Upper
 74 100
 45 98.8 51.3 154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.166 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.01 min

Lab File: VN064392.D

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Instrument :

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VN1030WBS01

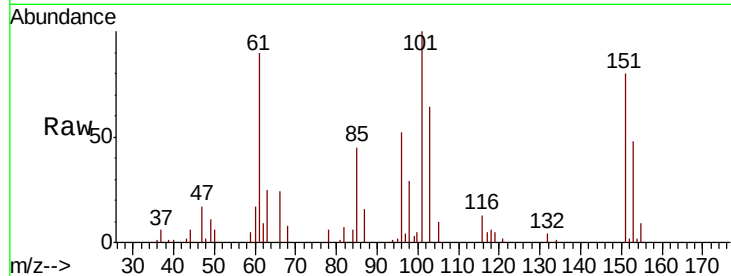
Tot Ion:101 Resp: 47213

Ion Ratio Lower Upper

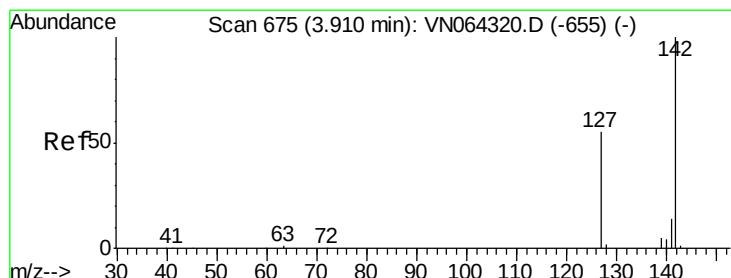
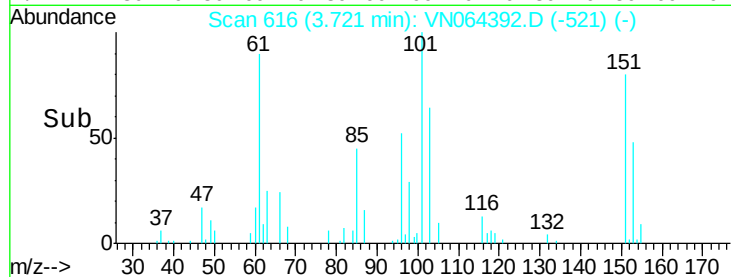
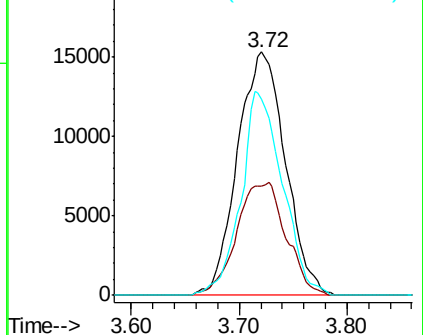
101 100

85 47.9 38.4 57.6

151 72.7 62.0 93.0



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.281 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

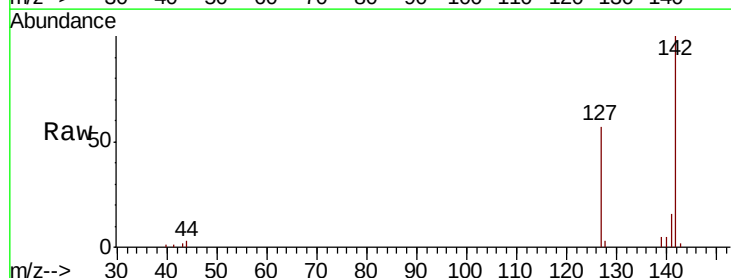
Tgt Ion:142 Resp: 50231

Ion Ratio Lower Upper

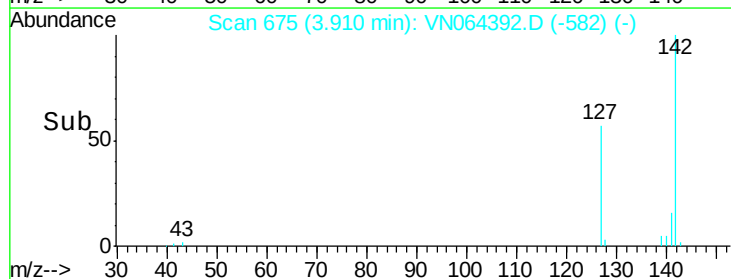
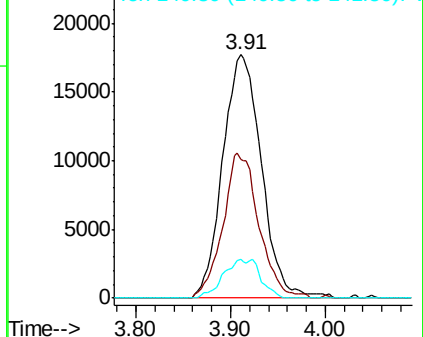
142 100

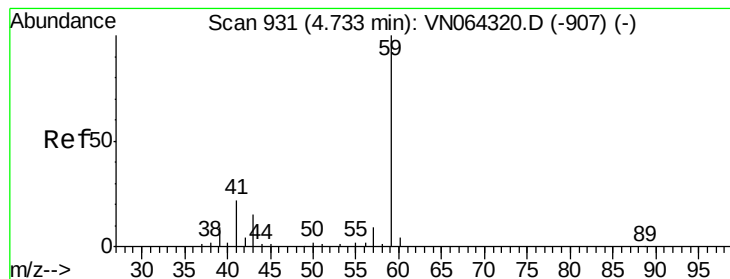
127 55.3 43.3 64.9

141 9.7 11.5 17.3#



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



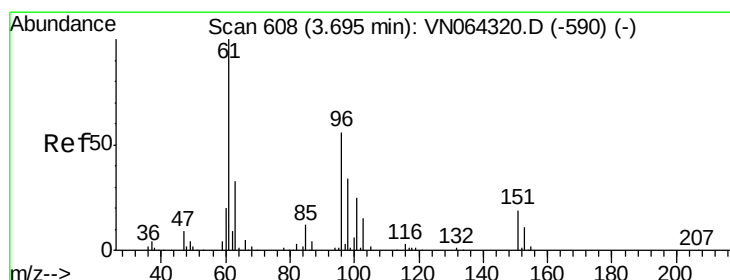
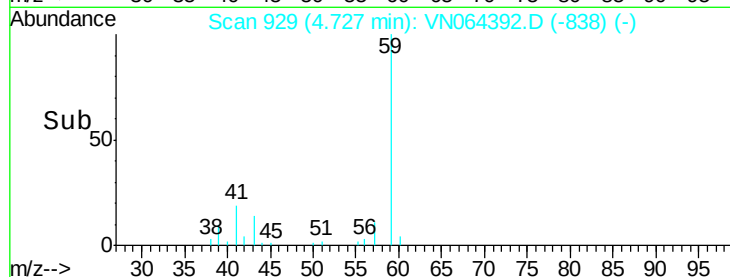
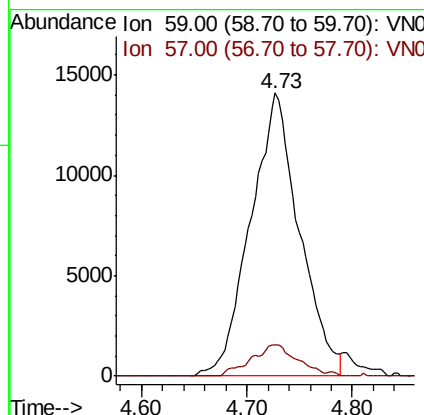
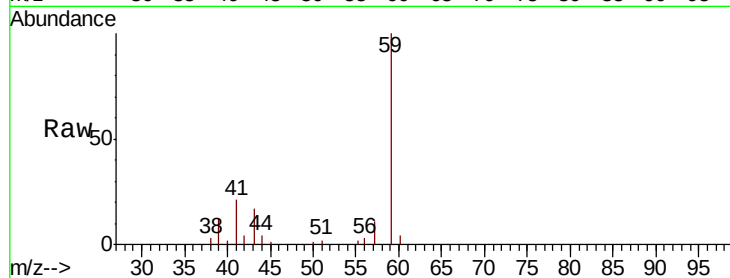


#11

Tert butyl alcohol
 Concen: 79.756 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

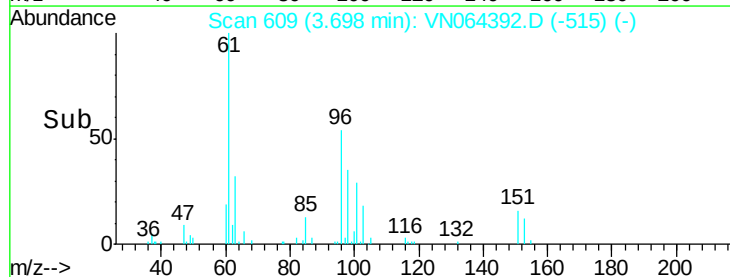
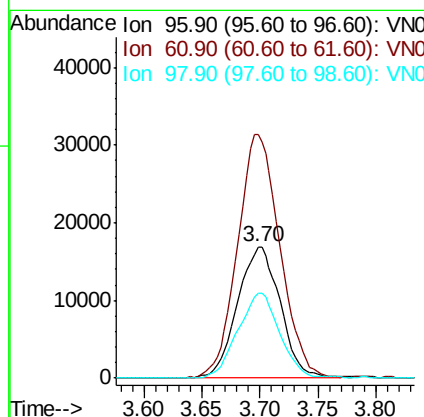
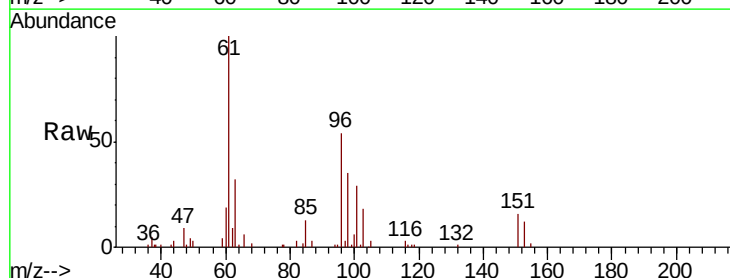
Tot Ion: 59 Resp: 45288
 Ion Ratio Lower Upper
 59 100
 57 10.5 9.4 14.0

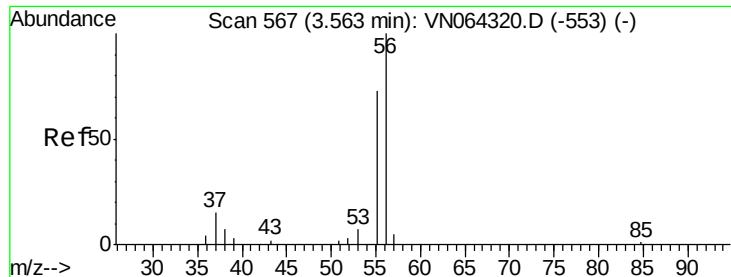


#12

1,1-Dichloroethene
 Concen: 18.570 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Tgt Ion: 96 Resp: 43184
 Ion Ratio Lower Upper
 96 100
 61 184.0 143.6 215.4
 98 64.4 48.6 73.0





#13

Acrolein

Concen: 77.747 ug/l

RT: 3.57 min Scan# 570

Delta R.T. 0.01 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

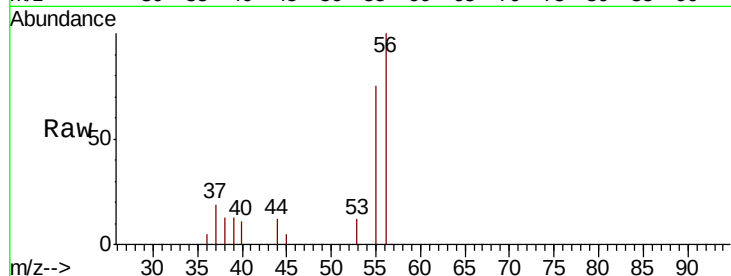
VN1030WBS01

Tot Ion: 56 Resp: 7965

Ion Ratio Lower Upper

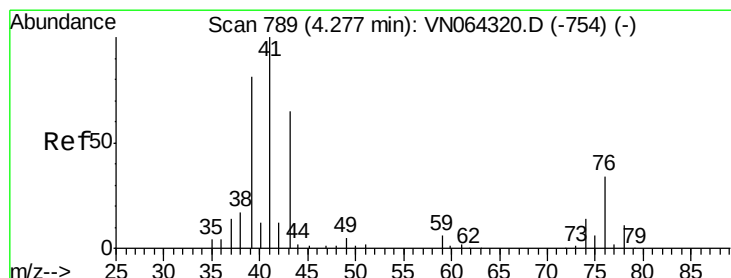
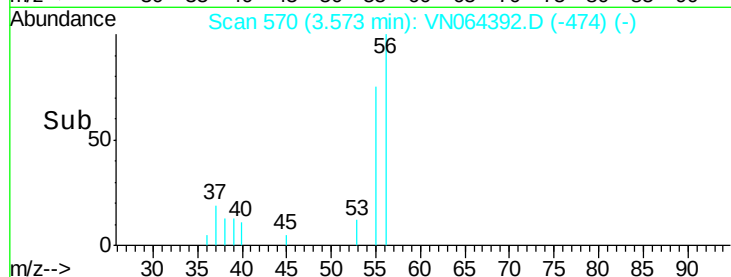
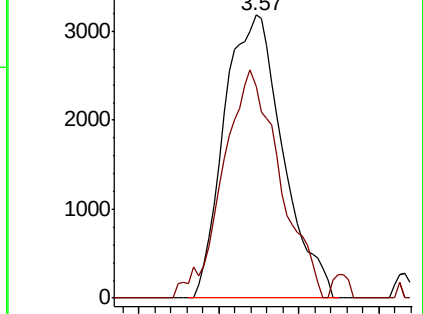
56 100

55 78.2 62.6 94.0



Abundance Ion 56.00 (55.70 to 56.70): VN064392.D (-474) (-)

Ion 55.00 (54.70 to 55.70): VN064392.D (-474) (-)



#14

Allyl chloride

Concen: 17.298 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

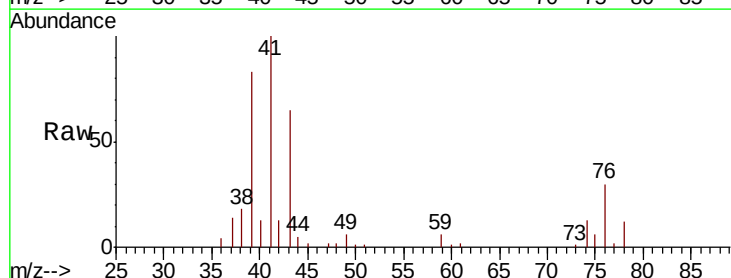
Tgt Ion: 41 Resp: 82139

Ion Ratio Lower Upper

41 100

39 77.1 61.7 92.5

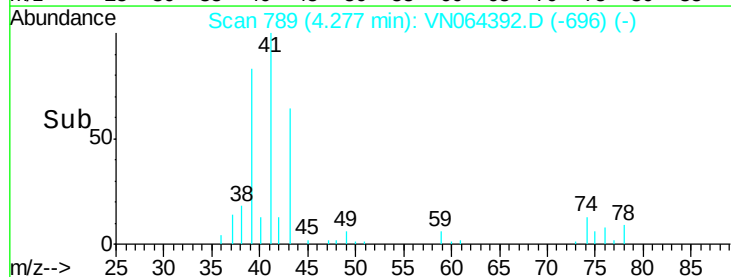
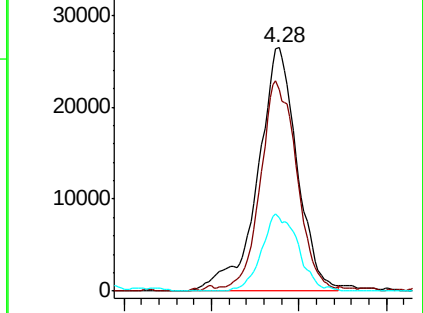
76 29.5 24.0 36.0

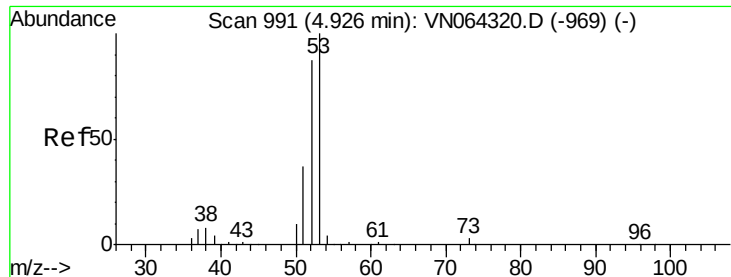


Abundance Ion 41.00 (40.70 to 41.70): VN064392.D (-696) (-)

Ion 39.00 (38.70 to 39.70): VN064392.D (-696) (-)

Ion 75.90 (75.60 to 76.60): VN064392.D (-696) (-)





#15

Acrylonitrile

Concen: 88.961 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

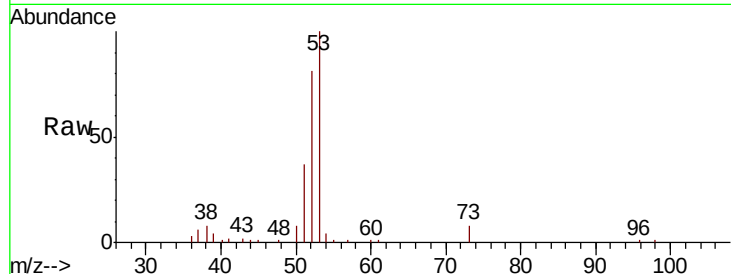
Tot Ion: 53 Resp: 108631

Ion Ratio Lower Upper

53 100

52 81.9 65.9 98.9

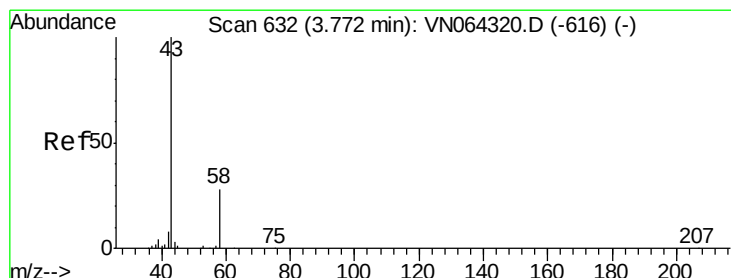
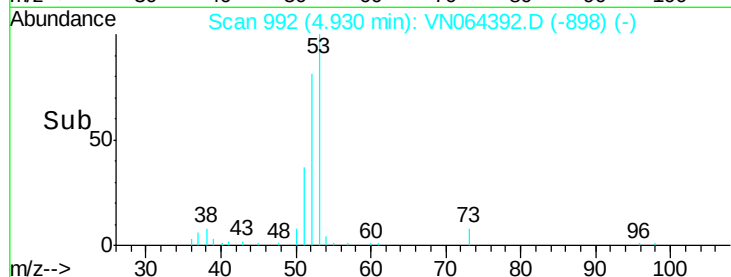
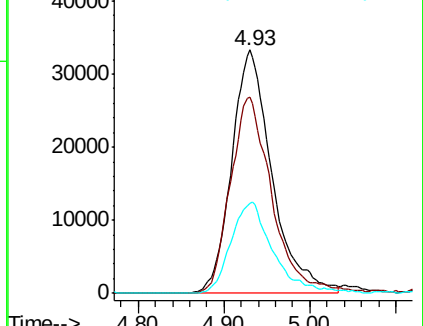
51 38.1 30.4 45.6



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 86.326 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN064392.D

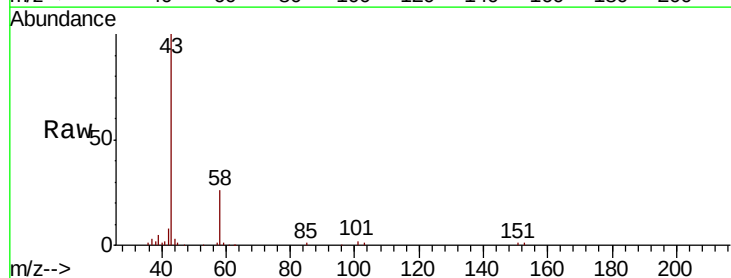
Acq: 30 Oct 2020 11:51

Tgt Ion: 43 Resp: 121535

Ion Ratio Lower Upper

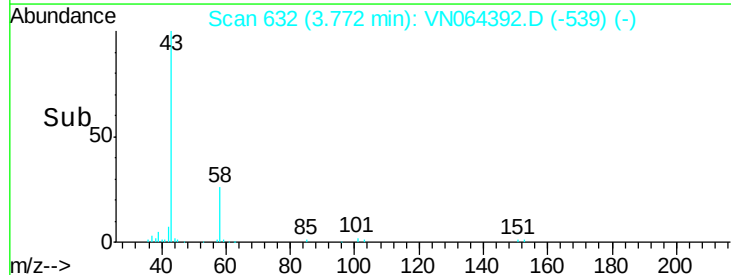
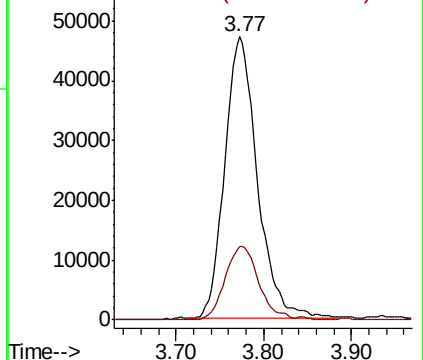
43 100

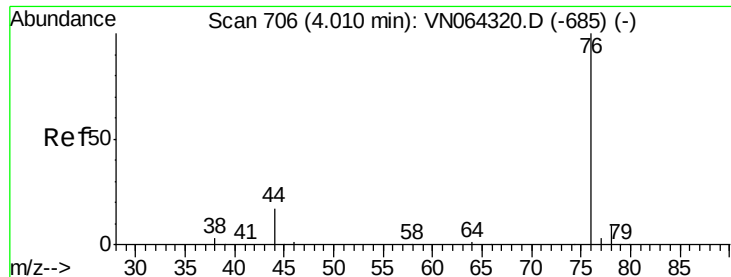
58 26.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

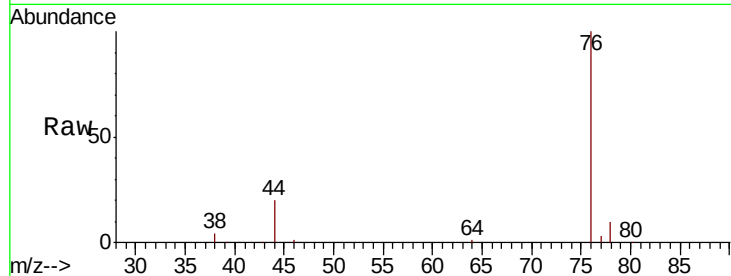




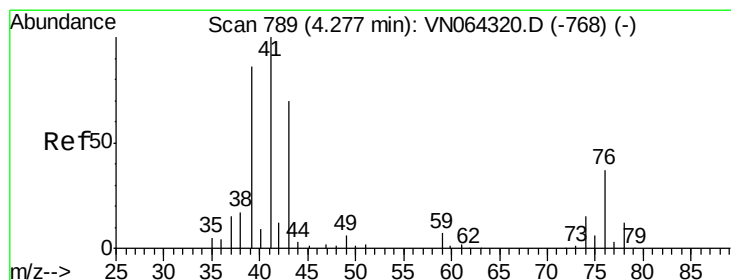
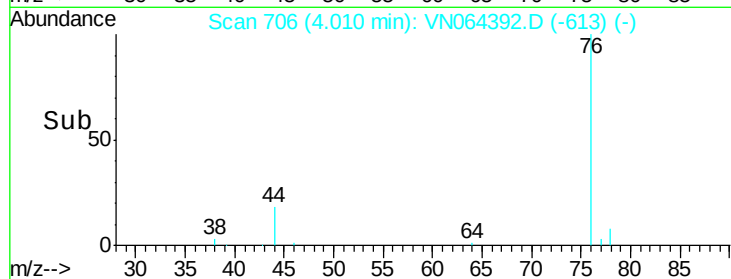
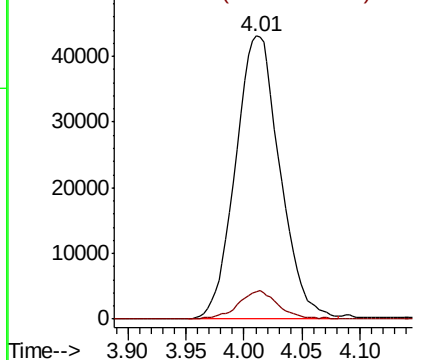
#17
Carbon Disulfide
Concen: 16.709 ug/l
RT: 4.01 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tot Ion: 76 Resp: 114963
Ion Ratio Lower Upper
76 100
78 9.8 7.3 10.9

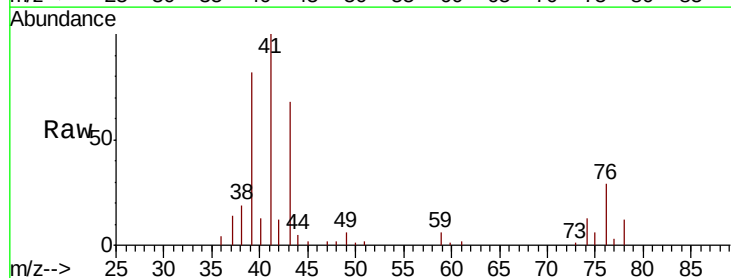


Abundance Ion 75.90 (75.60 to 76.60): VN0
Ion 77.90 (77.60 to 78.60): VN0

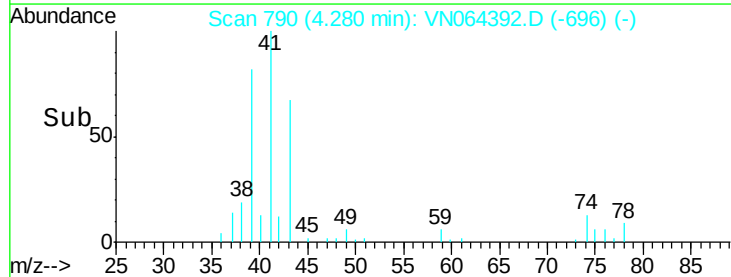
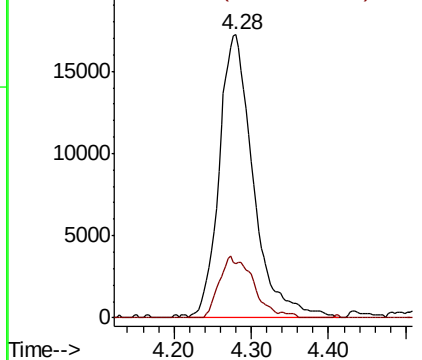


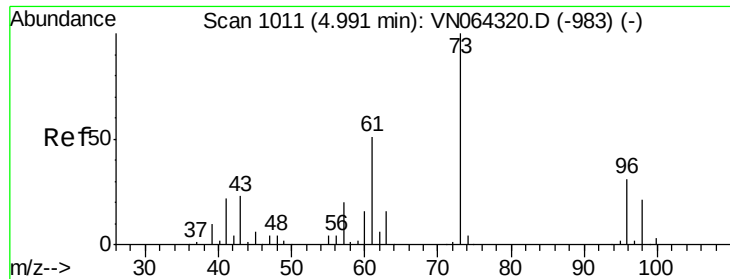
#18
Methyl Acetate
Concen: 18.002 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion: 43 Resp: 52896
Ion Ratio Lower Upper
43 100
74 21.1 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 74.00 (73.70 to 74.70): VN0

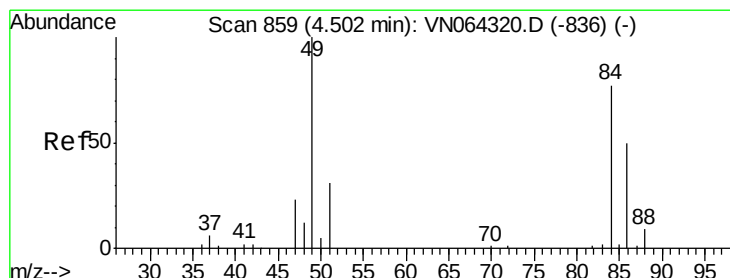
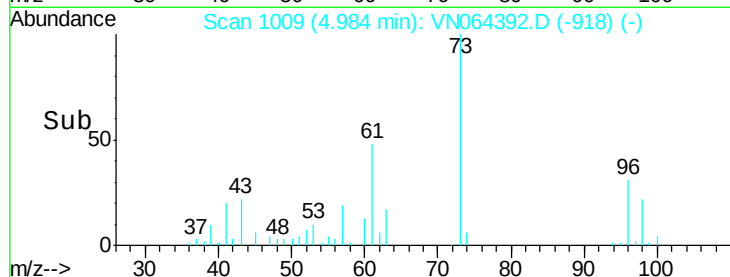
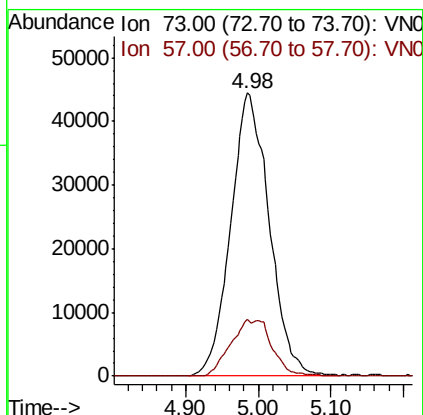
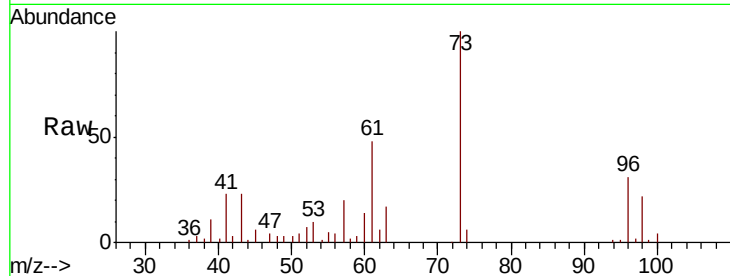




#19
Methyl tert-butyl Ether
Concen: 18.381 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.01 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

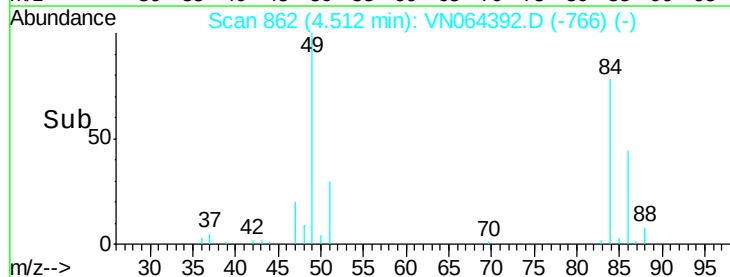
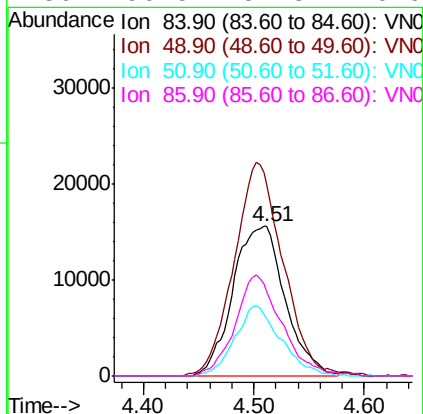
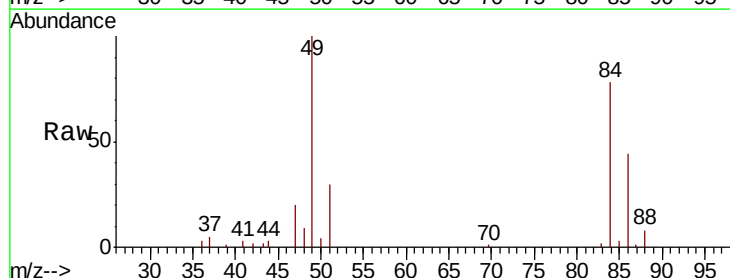
Instrument :
MSVOA_N
ClientSampled :
VN1030WBS01

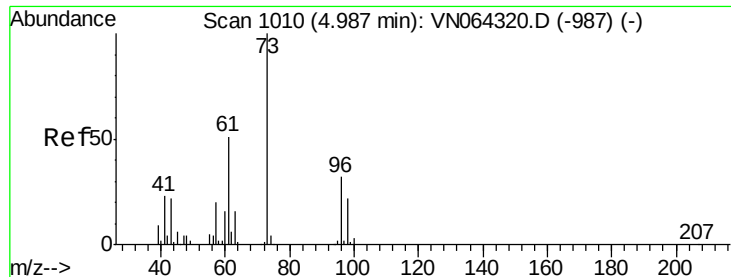
Tot Ion: 73 Resp: 164233
Ion Ratio Lower Upper
73 100
57 20.1 16.1 24.1



#20
Methylene Chloride
Concen: 18.453 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion: 84 Resp: 51191
Ion Ratio Lower Upper
84 100
49 127.2 103.6 155.4
51 38.3 31.8 47.8
86 56.5 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 18.387 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

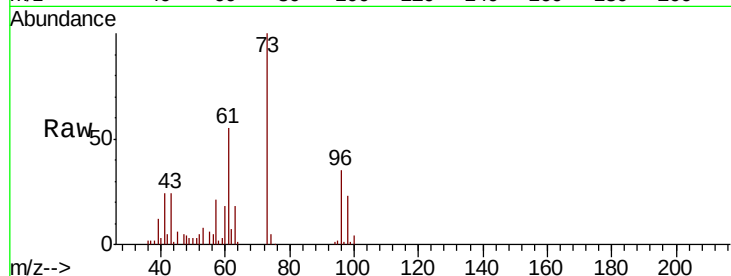
Tot Ion: 96 Resp: 47700

Ion Ratio Lower Upper

96 100

61 157.4 128.2 192.2

98 67.3 56.1 84.1

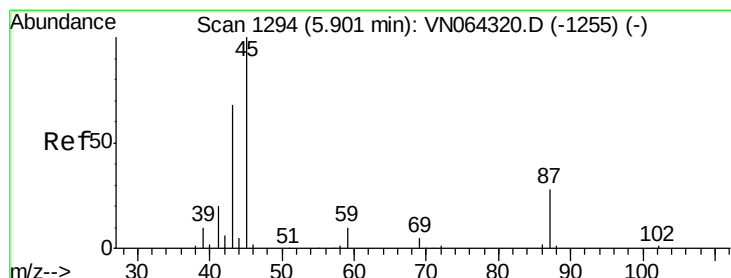
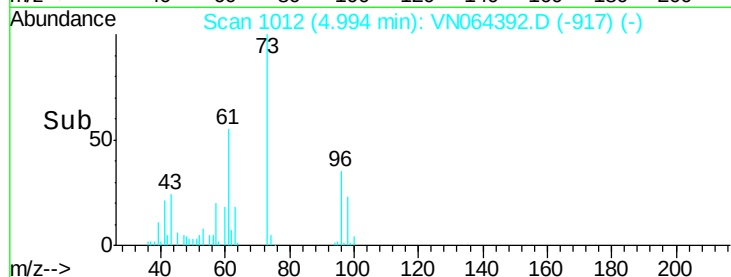
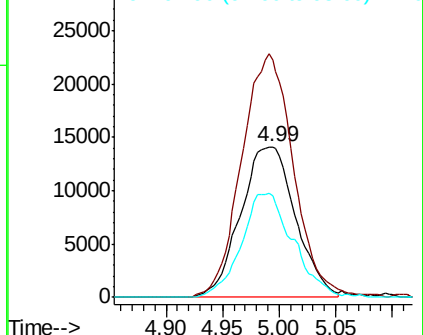


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 18.651 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Tgt Ion: 45 Resp: 173111

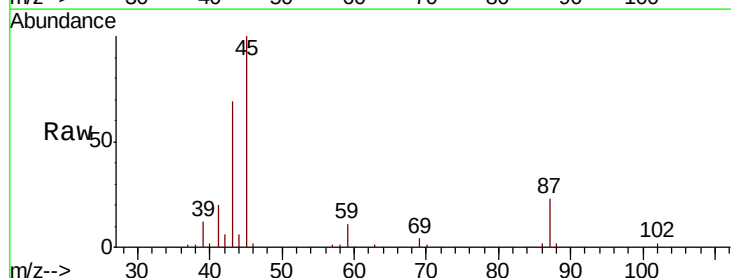
Ion Ratio Lower Upper

45 100

43 65.9 54.6 82.0

87 22.9 22.6 33.8

59 11.3 8.6 12.8



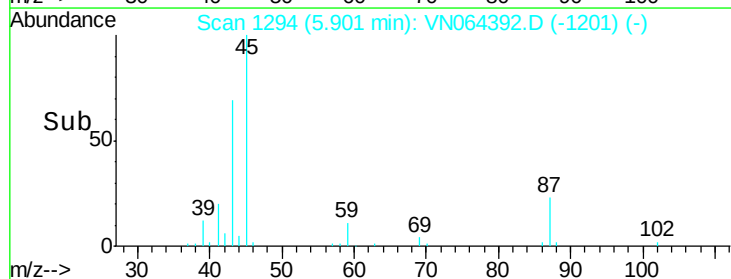
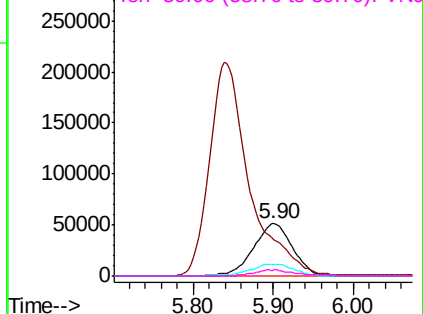
Abundance

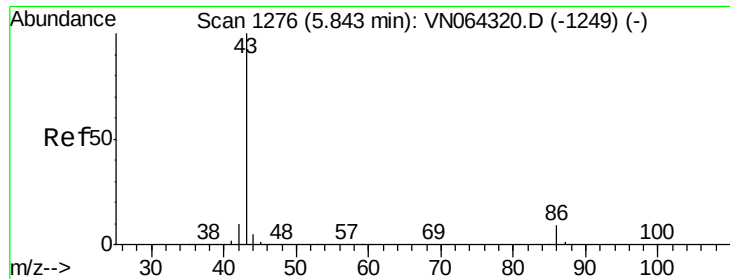
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

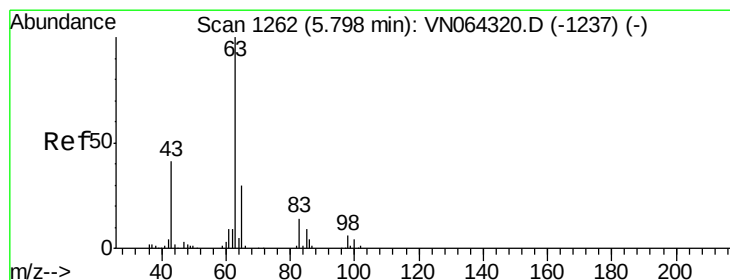
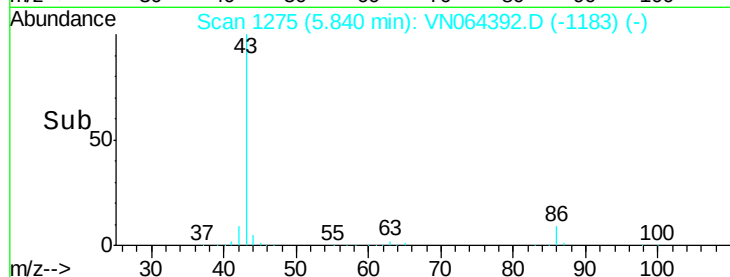
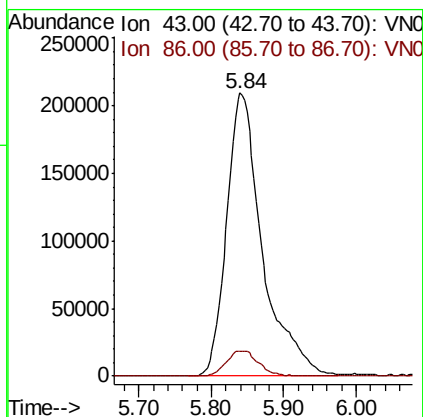
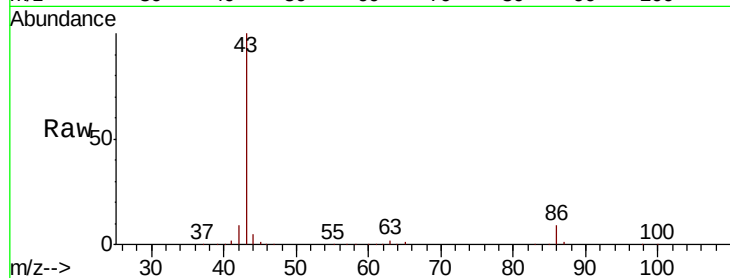




#23
 Vinyl Acetate
 Concen: 91.522 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

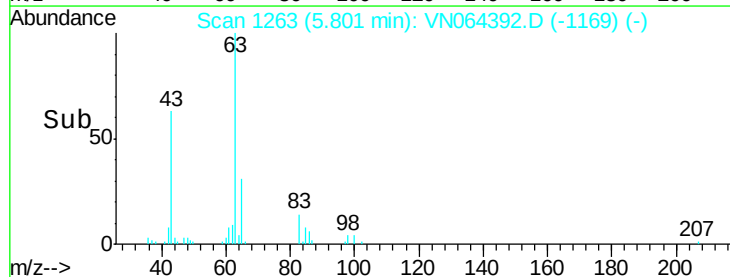
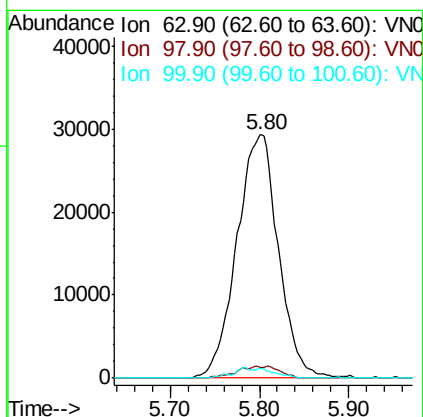
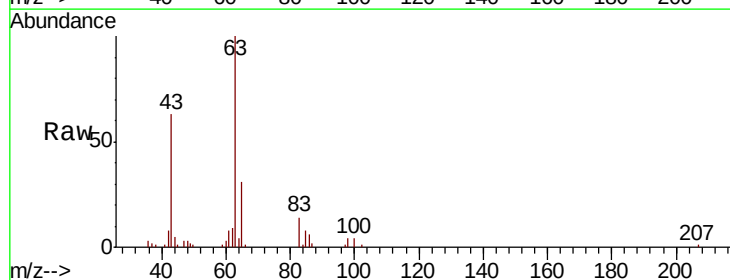
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

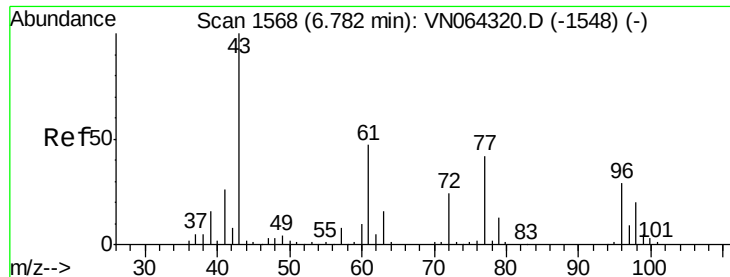
Tot Ion: 43 Resp: 718654
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 18.297 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Tgt Ion: 63 Resp: 95029
 Ion Ratio Lower Upper
 63 100
 98 4.5 3.1 9.4
 100 3.7 2.0 5.8





#25

2-Butanone

Concen: 83.175 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

ClientSampled :

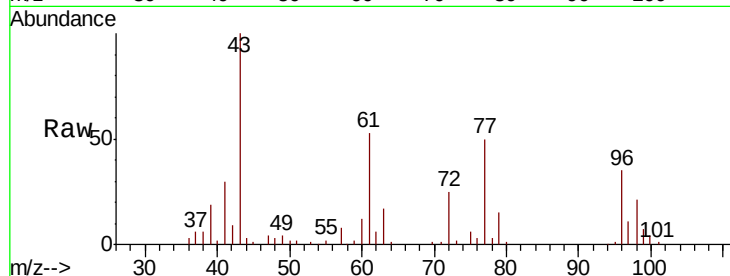
VN1030WBS01

Tot Ion: 43 Resp: 163358

Ion Ratio Lower Upper

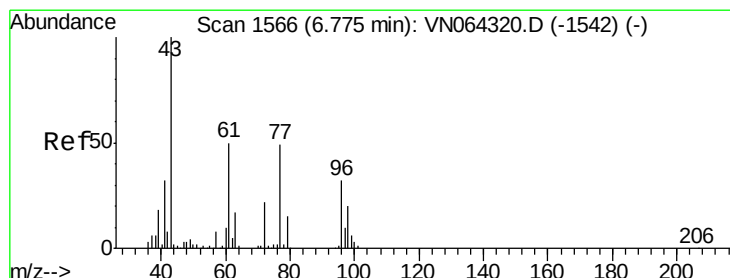
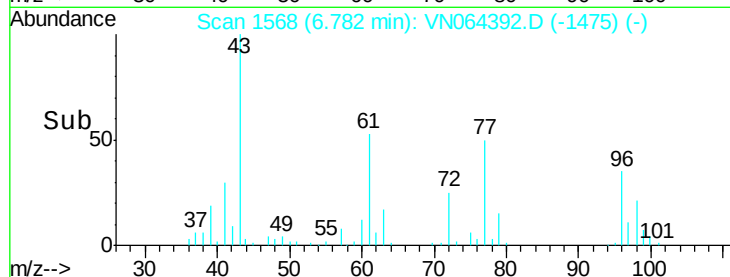
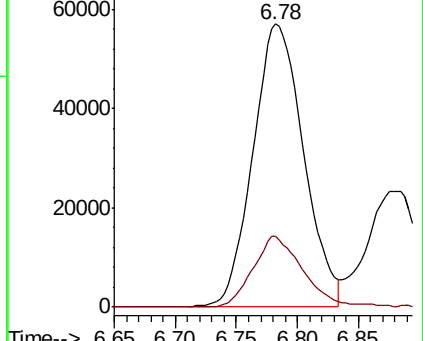
43 100

72 25.1 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 18.428 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064392.D

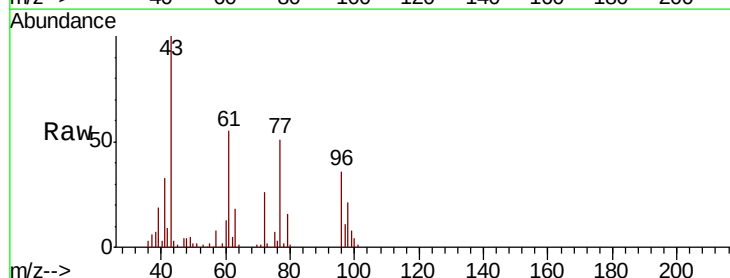
Acq: 30 Oct 2020 11:51

Tgt Ion: 77 Resp: 93669

Ion Ratio Lower Upper

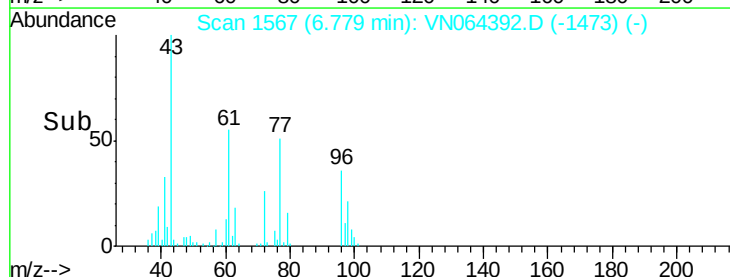
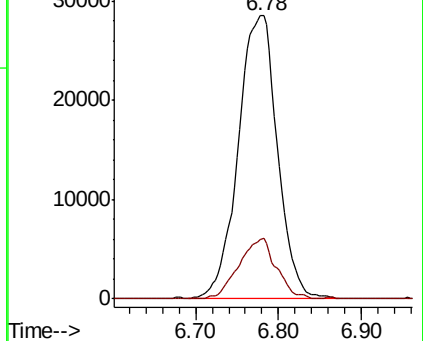
77 100

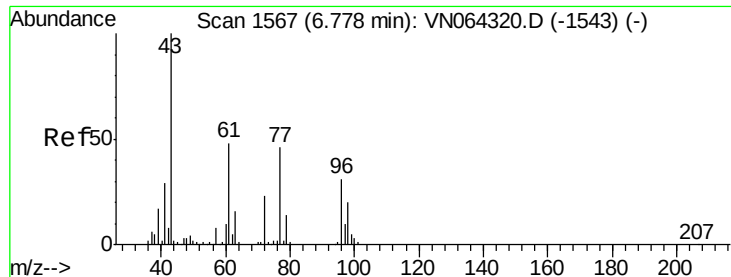
97 20.3 10.2 30.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 18.888 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

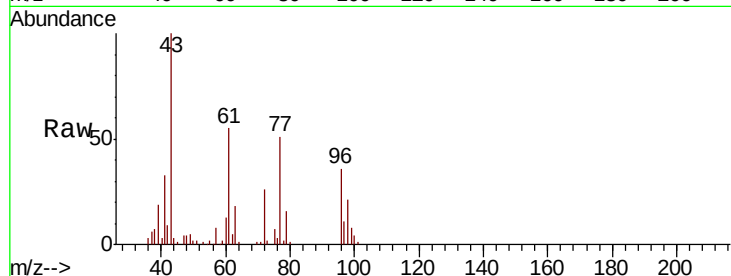
Tot Ion: 96 Resp: 56076

Ion Ratio Lower Upper

96 100

61 163.9 0.0 325.0

98 62.6 0.0 128.4

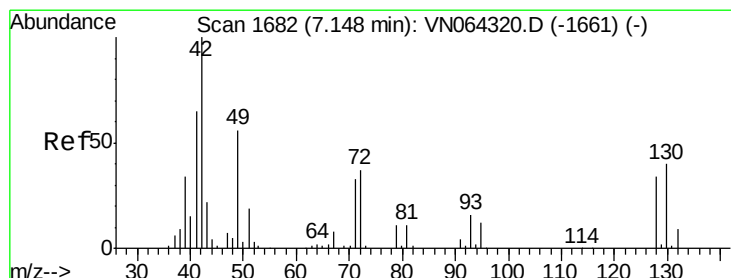
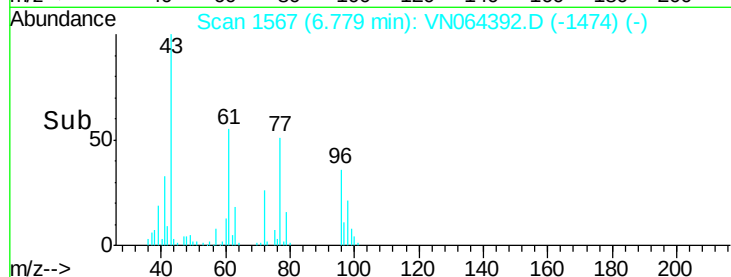


Abundance Ion 95.90 (95.60 to 96.60): VN064392.D (-1474) (-)

Ion 60.90 (60.60 to 61.60): VN064392.D (-1474) (-)

Ion 97.90 (97.60 to 98.60): VN064392.D (-1474) (-)

Time-->



#28

Bromochloromethane

Concen: 17.117 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

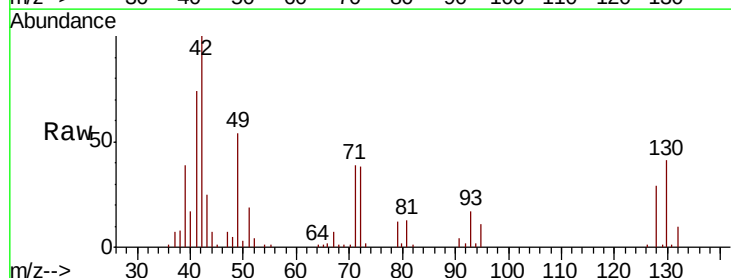
Tgt Ion: 49 Resp: 42354

Ion Ratio Lower Upper

49 100

129 0.8 0.0 2.8

130 72.6 56.2 84.2

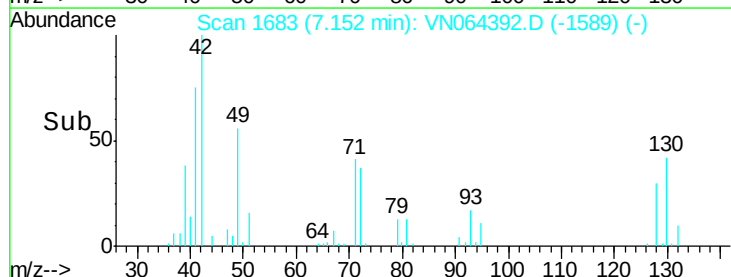


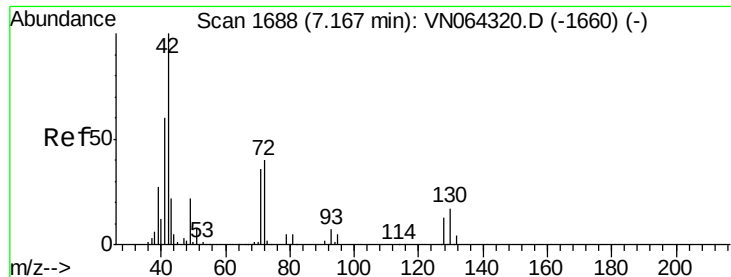
Abundance Ion 48.90 (48.60 to 49.60): VN064392.D (-1589) (-)

Ion 128.80 (128.50 to 129.50): VN064392.D (-1589) (-)

Ion 129.80 (129.50 to 130.50): VN064392.D (-1589) (-)

Time-->

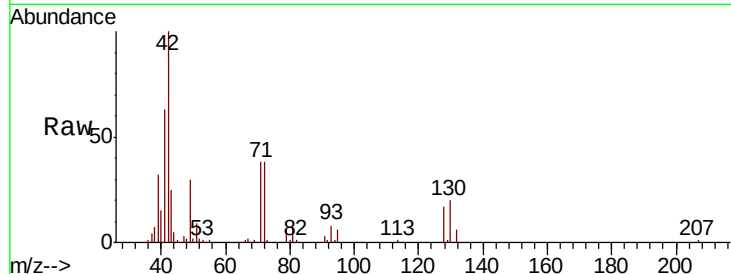




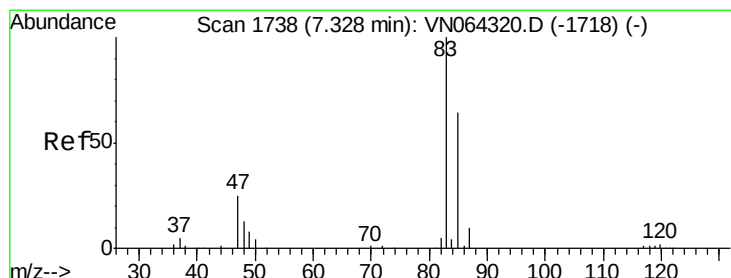
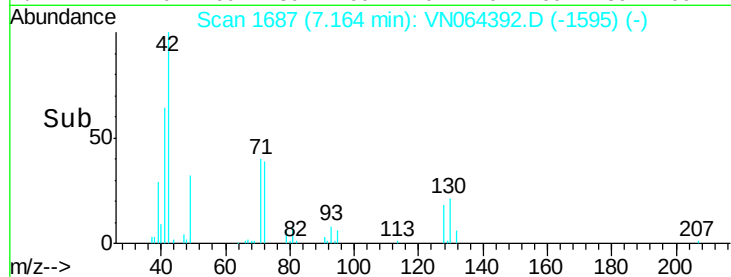
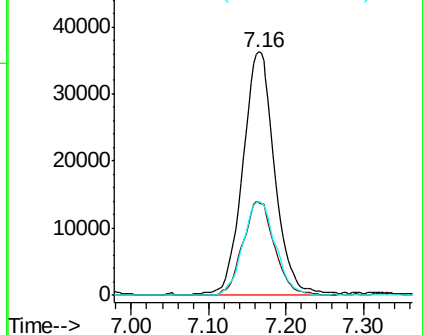
#29
Tetrahydrofuran
Concen: 82.054 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tot Ion: 42 Resp: 104621
Ion Ratio Lower Upper
42 100
72 38.3 31.6 47.4
71 38.9 29.4 44.0

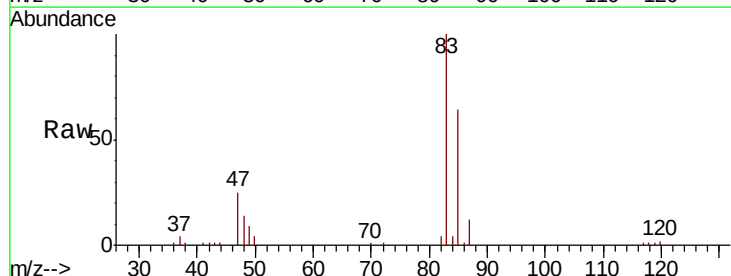


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

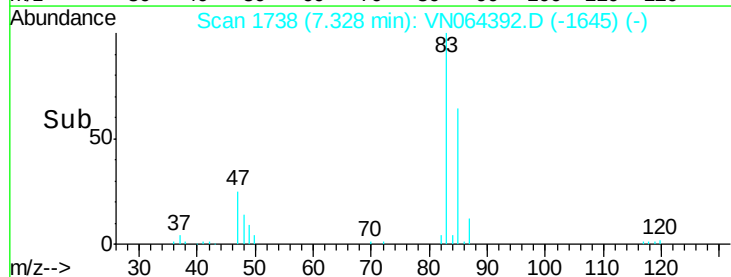
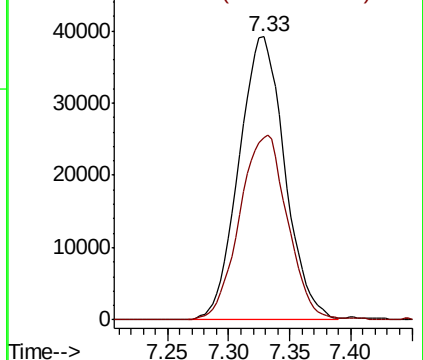


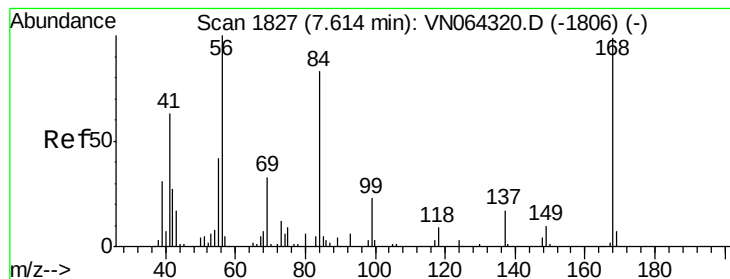
#30
Chloroform
Concen: 18.407 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion: 83 Resp: 102040
Ion Ratio Lower Upper
83 100
85 64.3 51.1 76.7



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





#31

Cyclohexane

Concen: 16.946 ug/l

RT: 7.61 min Scan# 1825

Delta R.T. -0.01 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

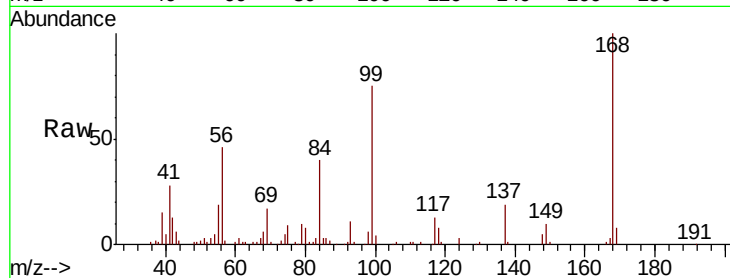
Tot Ion: 56 Resp: 76929

Ion Ratio Lower Upper

56 100

69 37.0 25.8 38.8

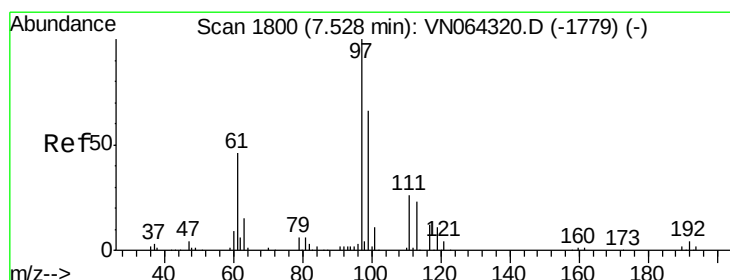
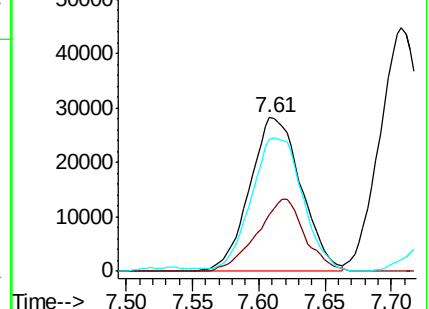
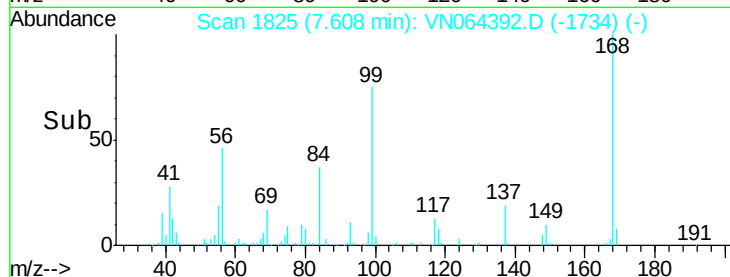
84 84.5 66.3 99.5



Abundance Ion 56.00 (55.70 to 56.70): VN064392.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN064392.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN064392.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 18.177 ug/l

RT: 7.52 min Scan# 1798

Delta R.T. -0.01 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

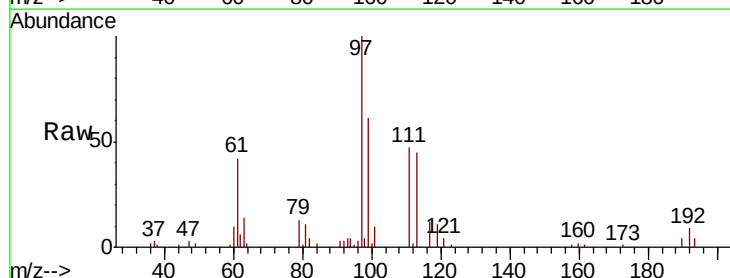
Tgt Ion: 97 Resp: 96761

Ion Ratio Lower Upper

97 100

99 63.8 50.6 76.0

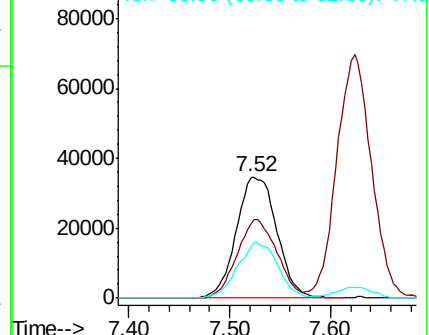
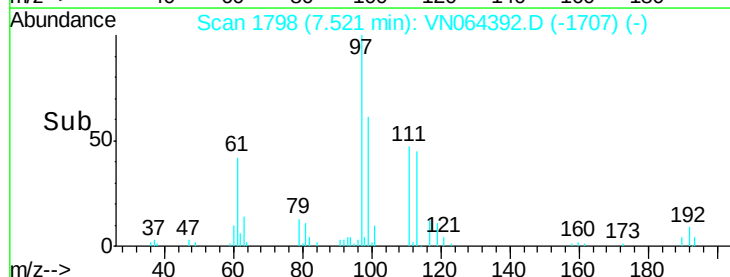
61 45.6 35.8 53.6

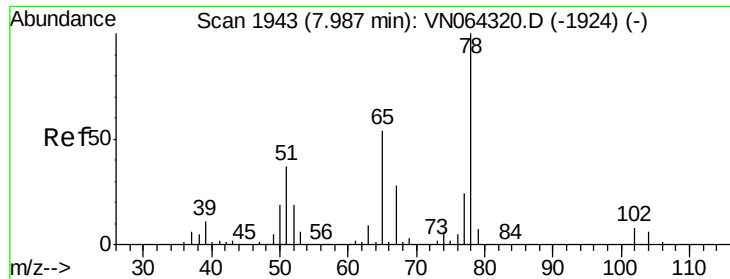


Abundance Ion 96.90 (96.60 to 97.60): VN064392.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064392.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064392.D (-1707) (-)

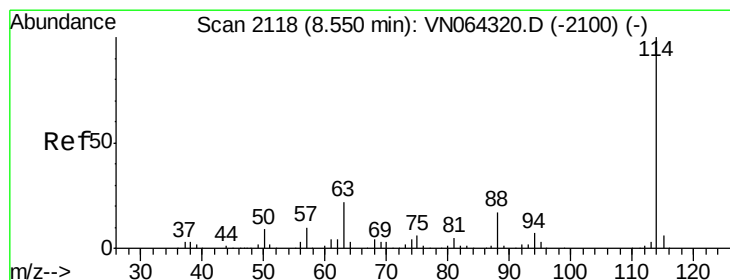
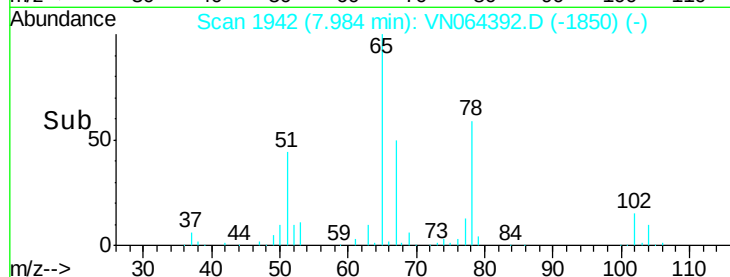
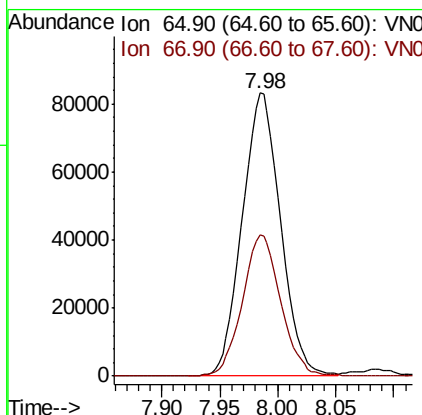
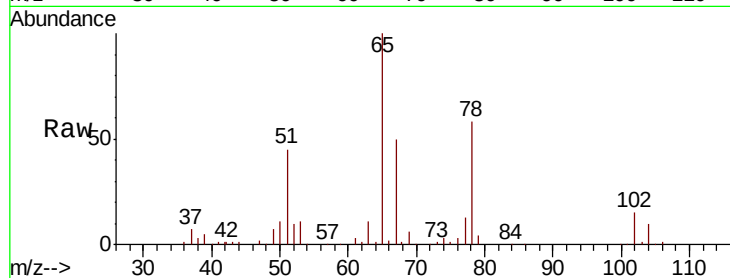




#33
 1,2-Dichloroethane-d4
 Concen: 49.059 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

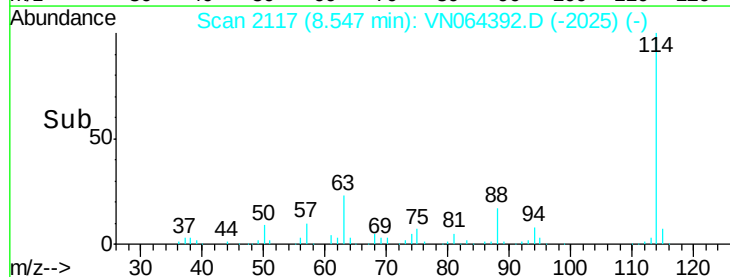
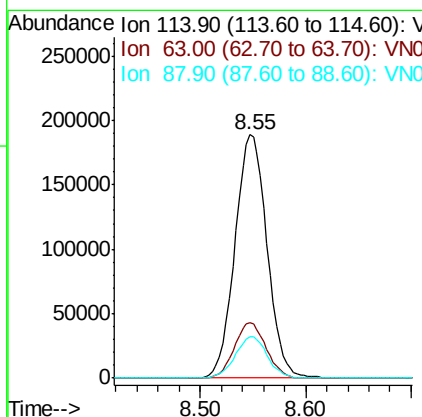
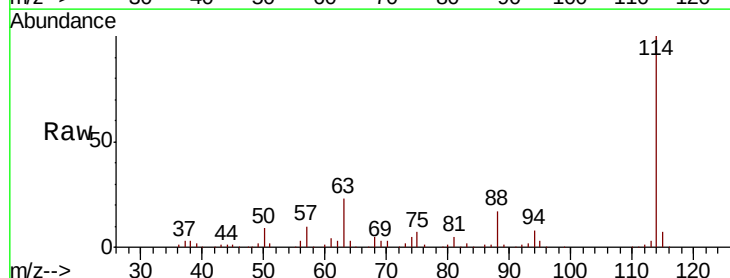
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

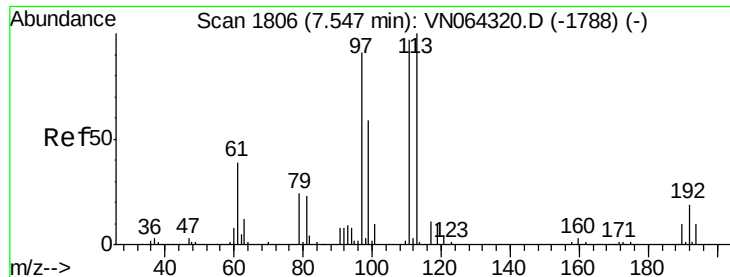
Tot Ion: 65 Resp: 191898
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 99.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Tgt Ion: 114 Resp: 397731
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 44.6
 88 17.0 0.0 33.4

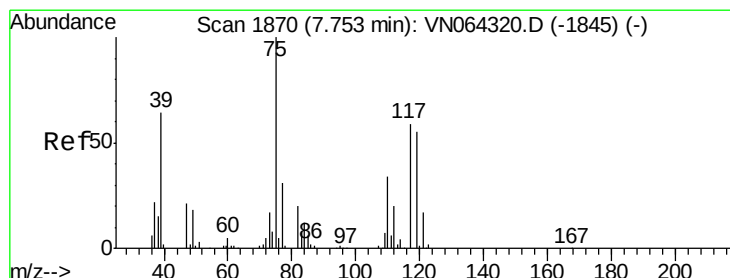
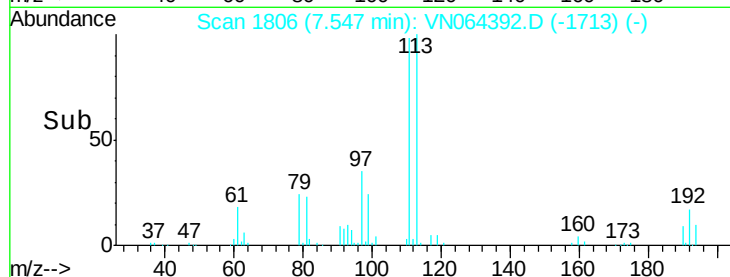
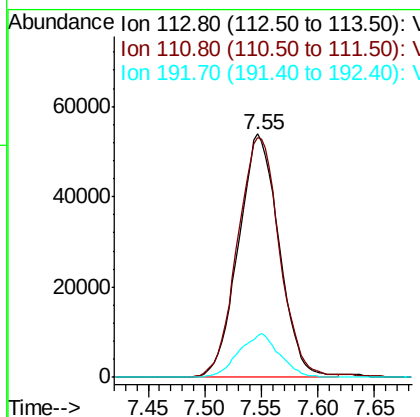
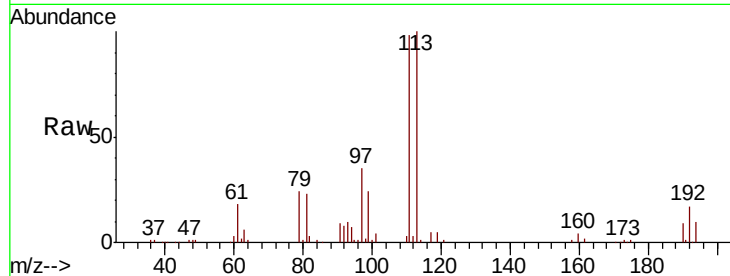




#35
 Dibromofluoromethane
 Concen: 50.721 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

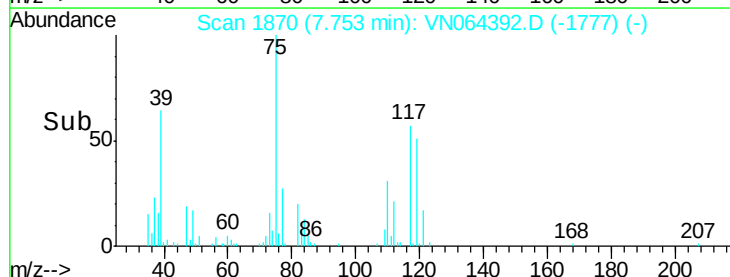
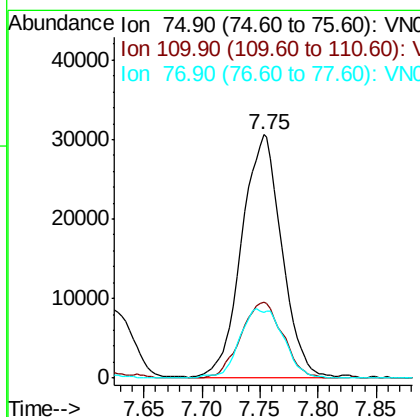
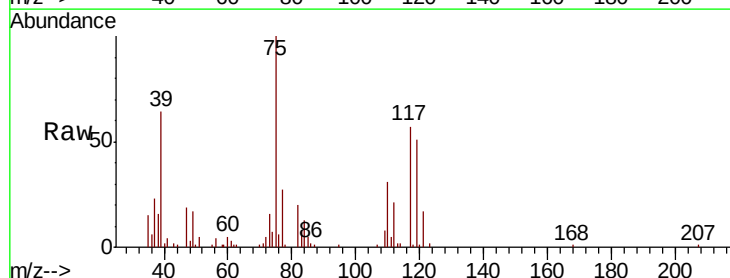
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

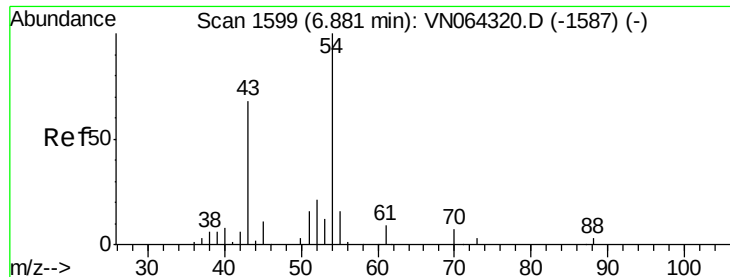
Tot Ion:113 Resp: 134530
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.5 122.3
 192 18.0 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 18.445 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Tgt Ion: 75 Resp: 74038
 Ion Ratio Lower Upper
 75 100
 110 32.5 16.8 50.3
 77 30.7 24.2 36.4

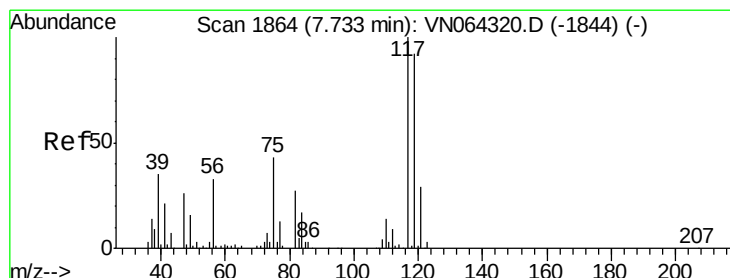
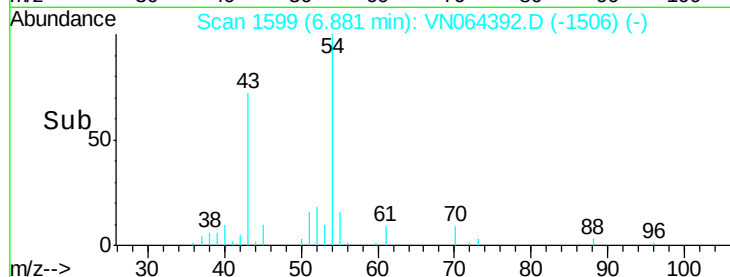
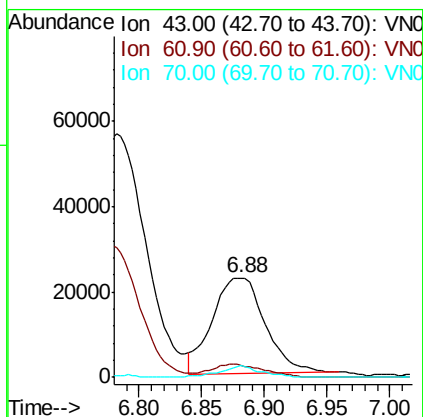
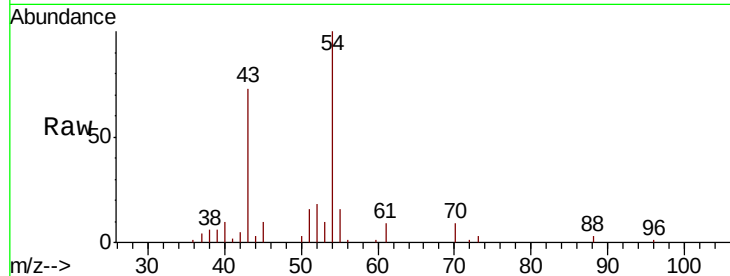




#37
Ethyl Acetate
Concen: 16.210 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

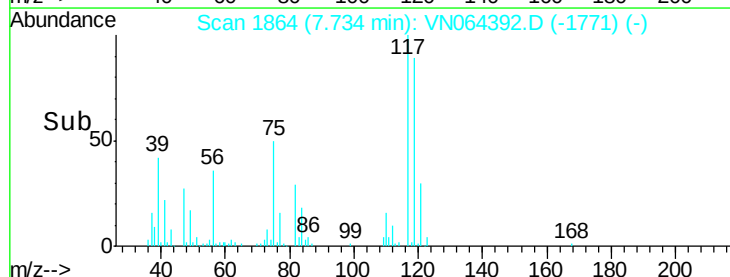
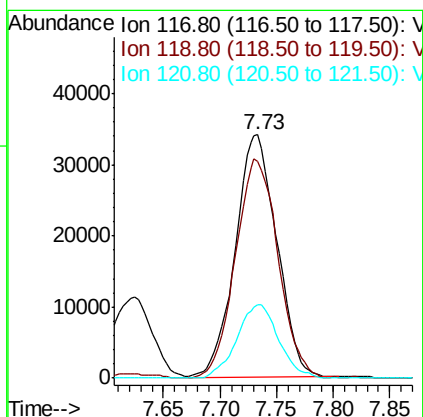
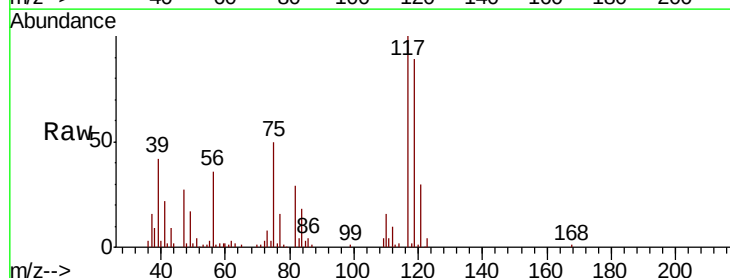
Instrument :
MSVOA_N
ClientSampled :
VN1030WBS01

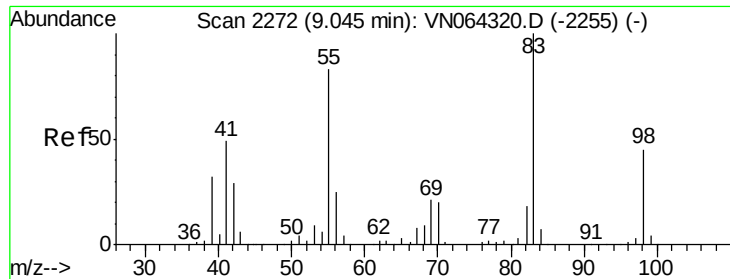
Tot Ion: 43 Resp: 65726
Ion Ratio Lower Upper
43 100
61 14.1 10.0 15.0
70 9.5 7.1 10.7



#38
Carbon Tetrachloride
Concen: 18.700 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion: 117 Resp: 87022
Ion Ratio Lower Upper
117 100
119 89.6 73.7 110.5
121 30.5 22.8 34.2

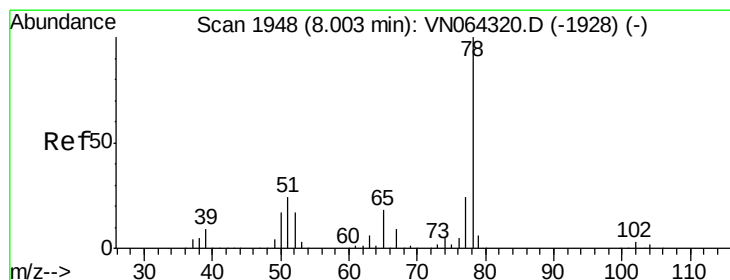
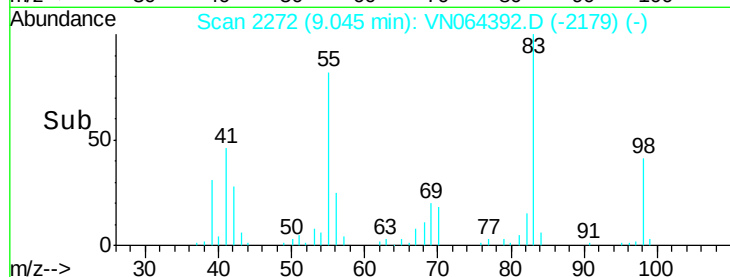
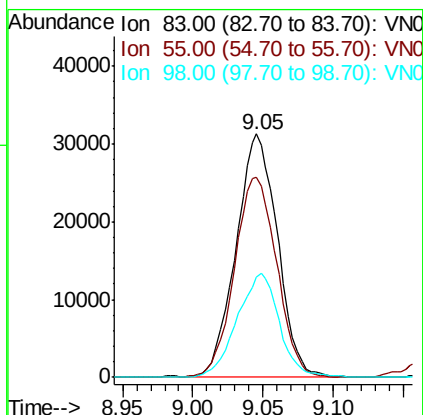
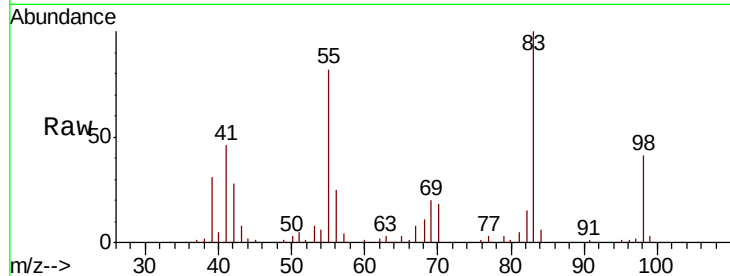




#39
Methylvlcyclohexane
Concen: 16.187 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

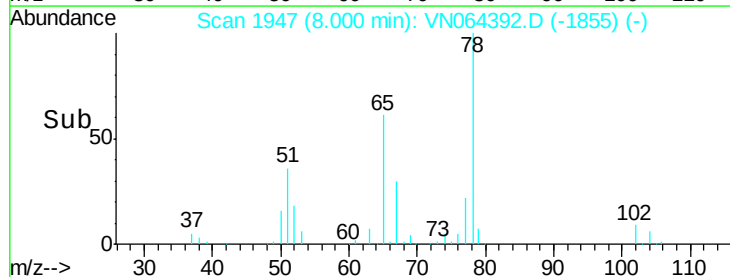
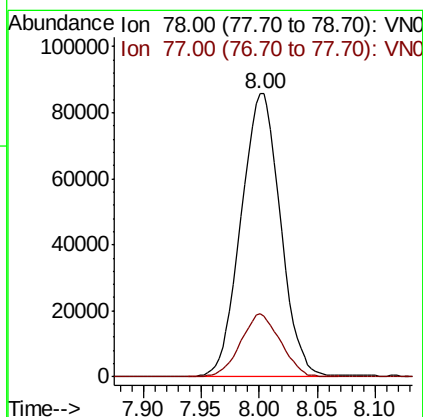
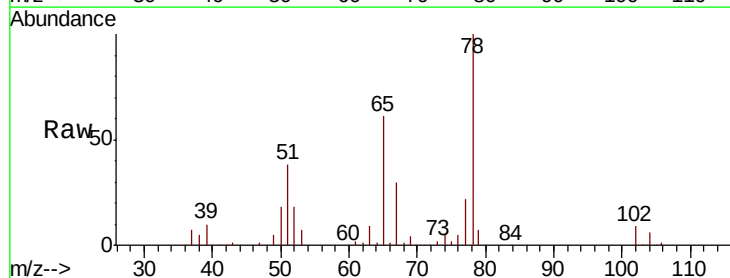
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

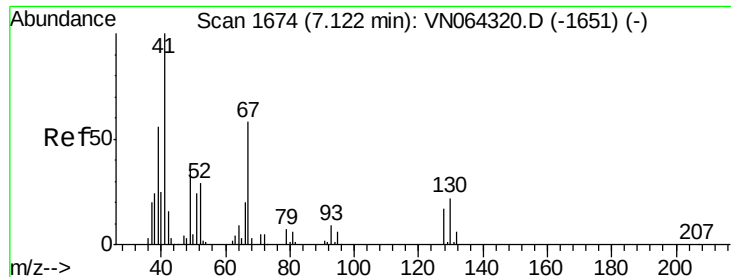
Tot Ion: 83 Resp: 64428
Ion Ratio Lower Upper
83 100
55 82.3 66.2 99.4
98 41.0 36.0 54.0



#40
Benzene
Concen: 18.244 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion: 78 Resp: 203844
Ion Ratio Lower Upper
78 100
77 22.4 18.8 28.2

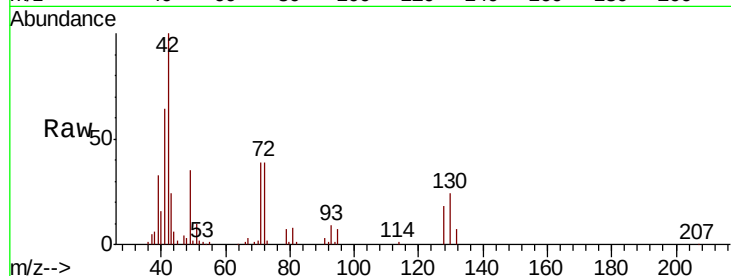




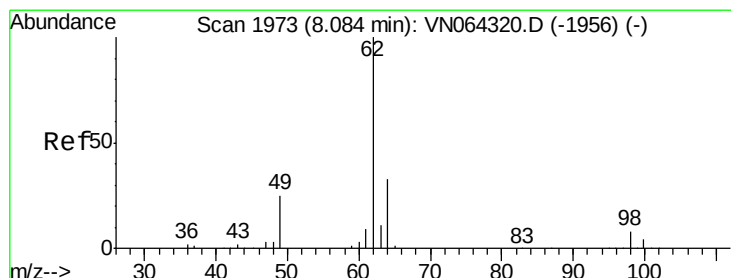
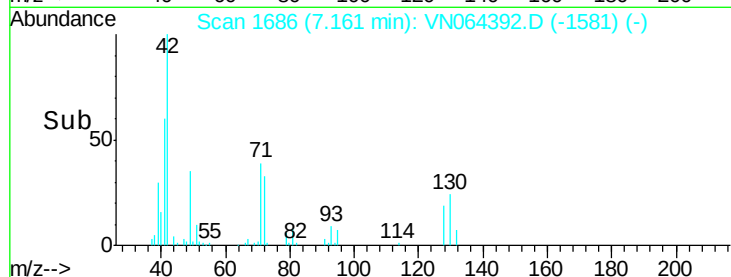
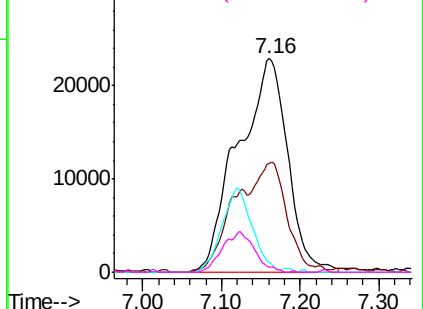
#41
Methacrylonitrile
Concen: 50.155 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. 0.04 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tot Ion:	41	Resp:	100947
Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.6	72.8#
67	0.0	61.4	92.2#
52	0.0	27.6	41.4#

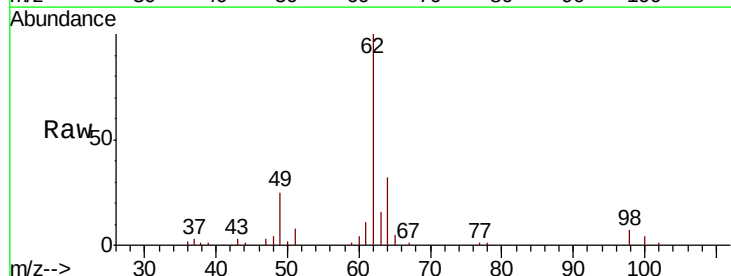


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

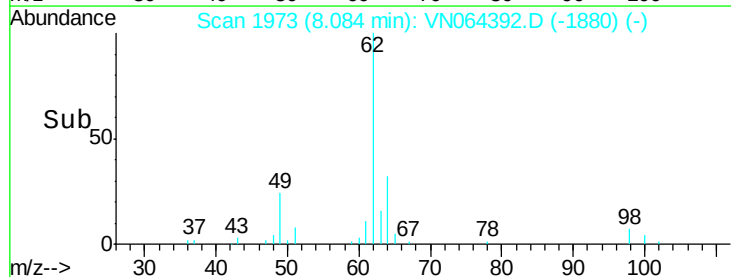
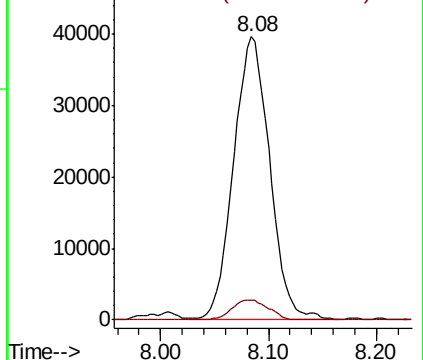


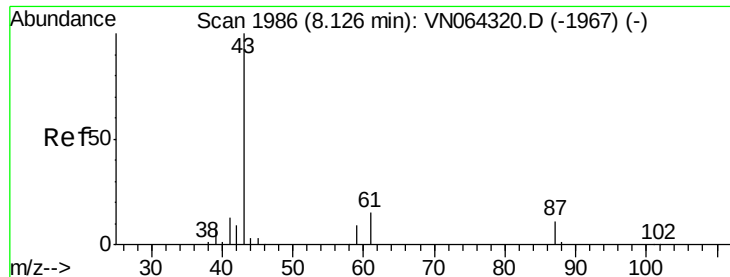
#42
1,2-Dichloroethane
Concen: 19.190 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion:	62	Resp:	92622
Ion	Ratio	Lower	Upper
62	100		
98	7.1	0.0	14.2



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





#43

Isopropyl Acetate

Concen: 18.273 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

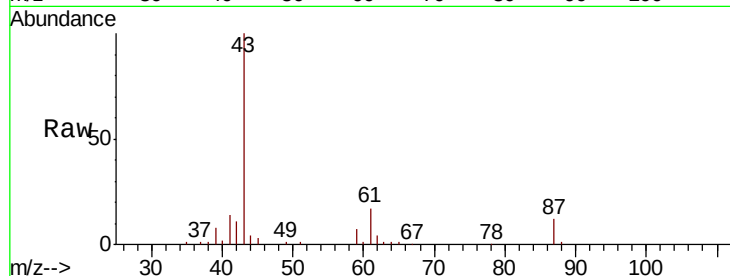
MSVOA_N

ClientSampleId :

VN1030WBS01

Tot Ion: 43 Resp: 126647

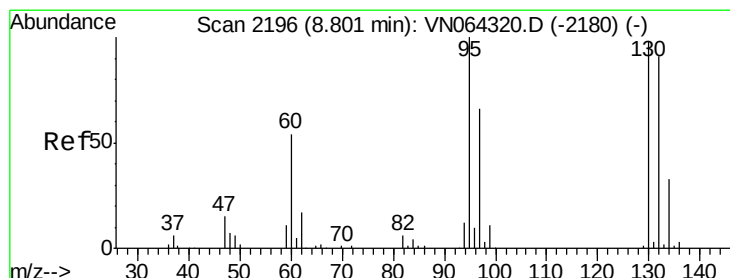
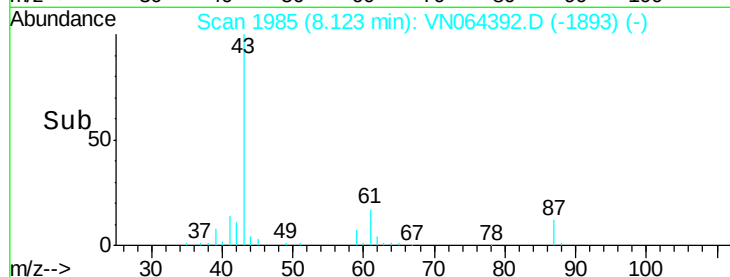
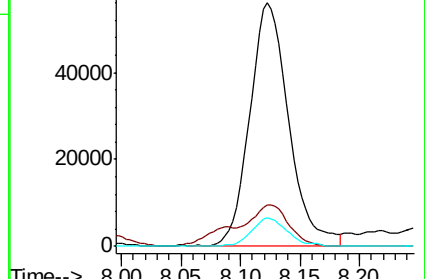
Ion	Ratio	Lower	Upper
43	100		
61	15.9	19.1	28.7#
87	10.8	9.3	13.9



Abundance Ion 43.00 (42.70 to 43.70): VN064392.D (-2103) (-)

Ion 61.00 (60.70 to 61.70): VN064392.D (-2103) (-)

Ion 87.00 (86.70 to 87.70): VN064392.D (-2103) (-)



#44

Trichloroethene

Concen: 18.702 ug/l

RT: 8.80 min Scan# 2195

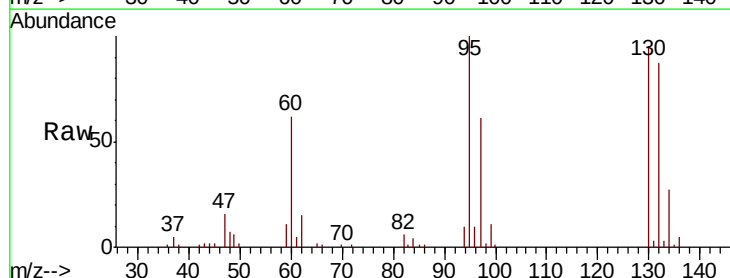
Delta R.T. -0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

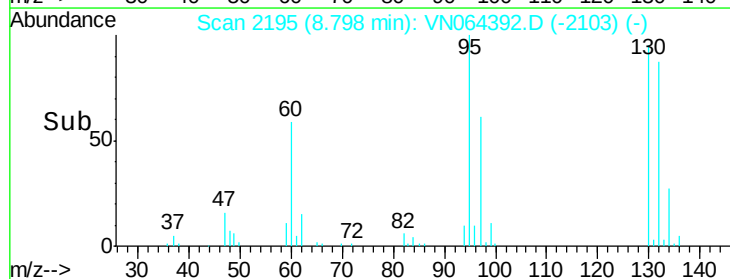
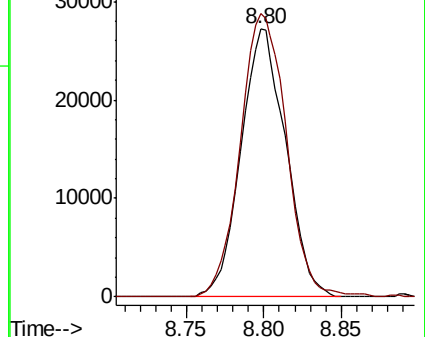
Tgt Ion: 130 Resp: 54740

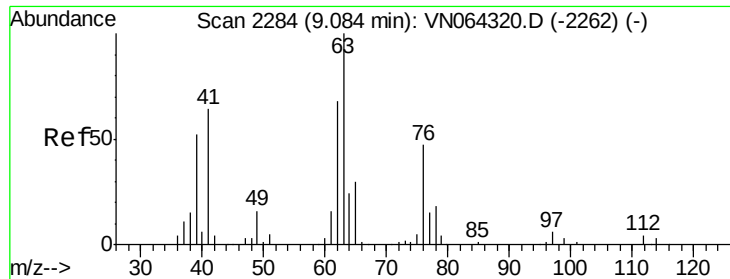
Ion	Ratio	Lower	Upper
130	100		
95	105.4	0.0	203.6



Abundance Ion 129.80 (129.50 to 130.50): VN064392.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN064392.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 18.099 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

ClientSampled :

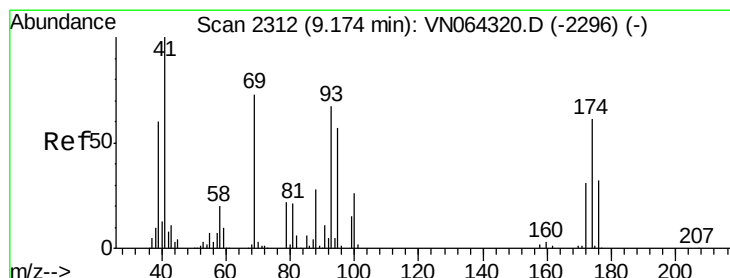
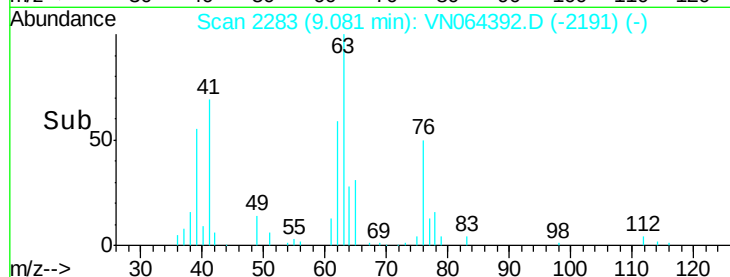
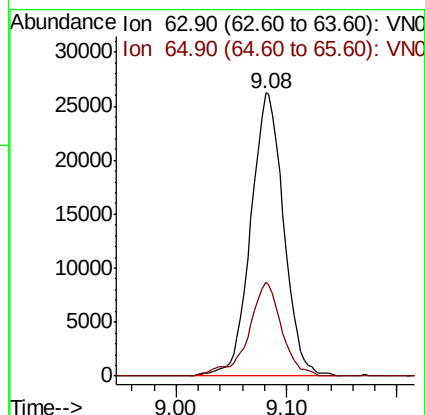
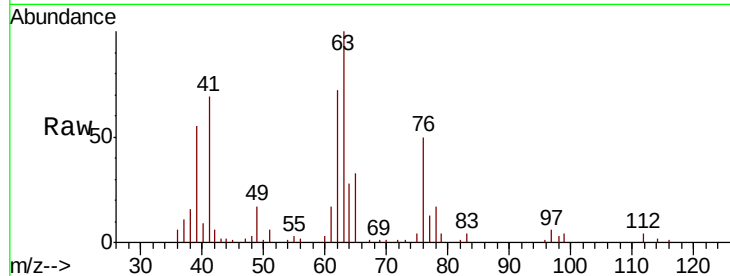
VN1030WBS01

Tot Ion: 63 Resp: 54152

Ion Ratio Lower Upper

63 100

65 33.1 24.3 36.5



#46

Dibromomethane

Concen: 18.655 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

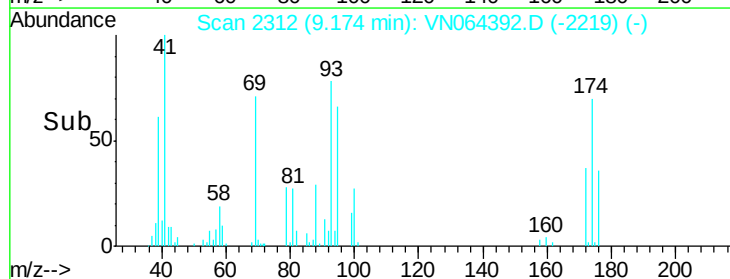
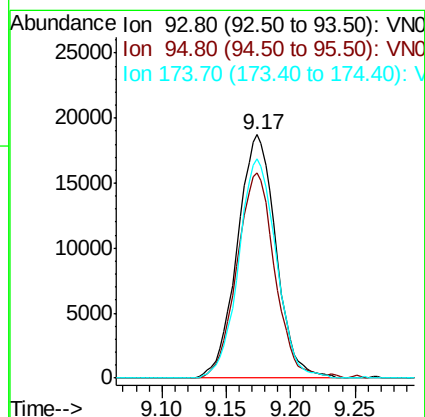
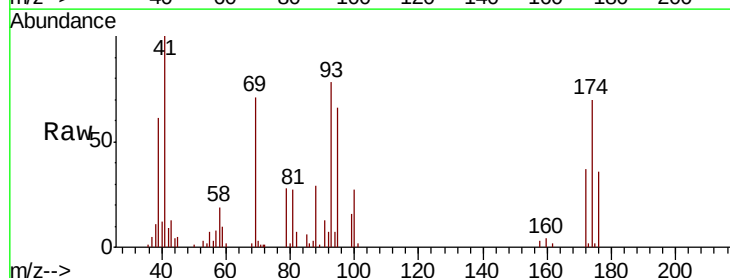
Tgt Ion: 93 Resp: 39048

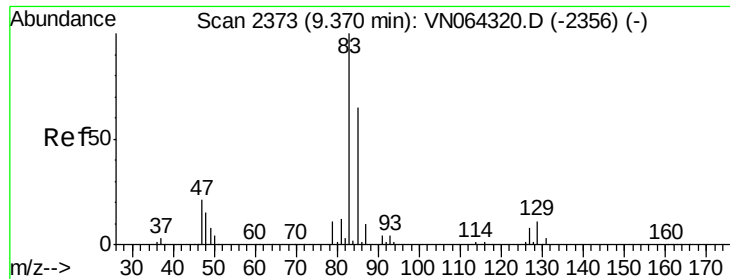
Ion Ratio Lower Upper

93 100

95 82.5 64.4 96.6

174 87.6 71.4 107.0

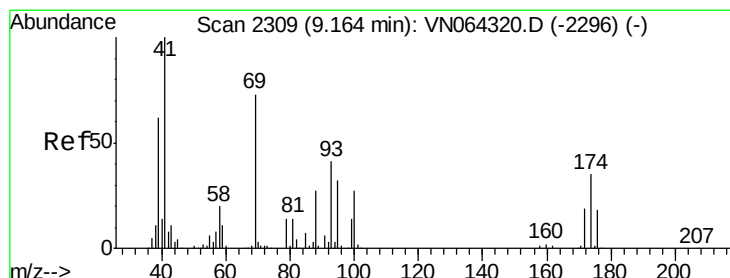
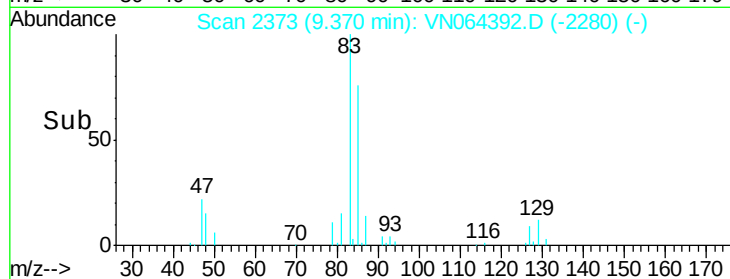
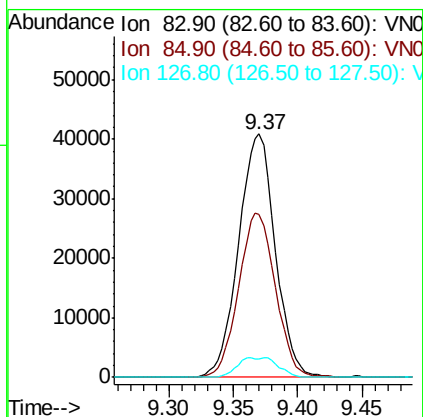
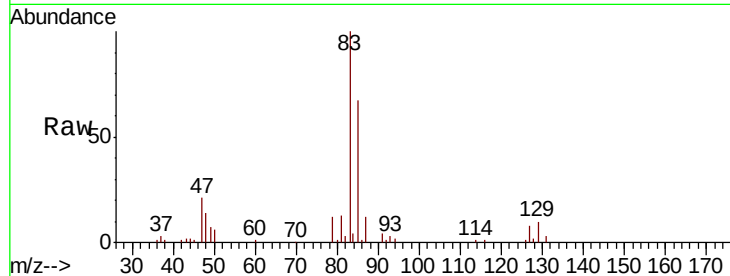




#47
 Bromodichloromethane
 Concen: 17.417 ug/l
 RT: 9.37 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

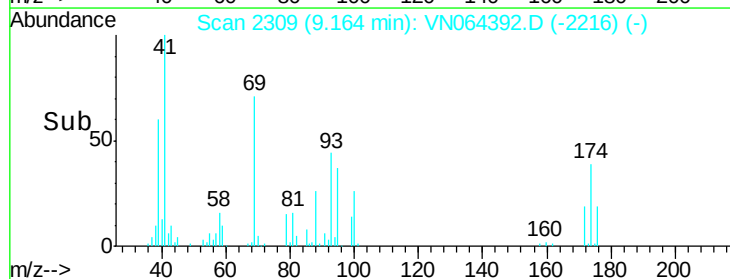
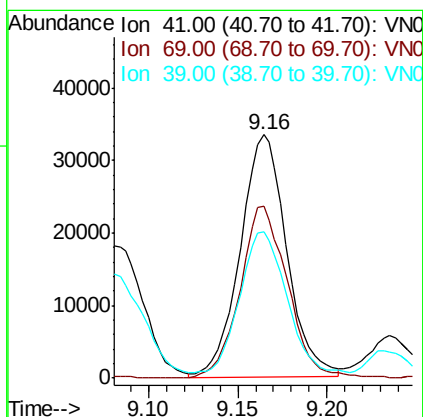
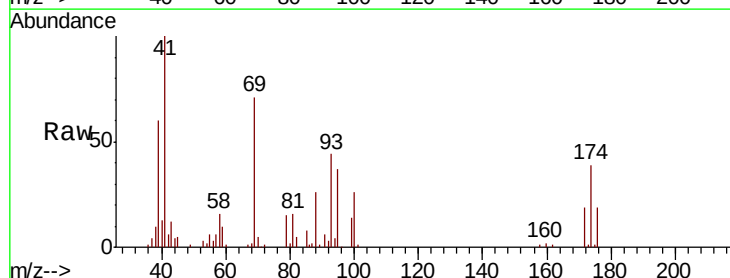
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

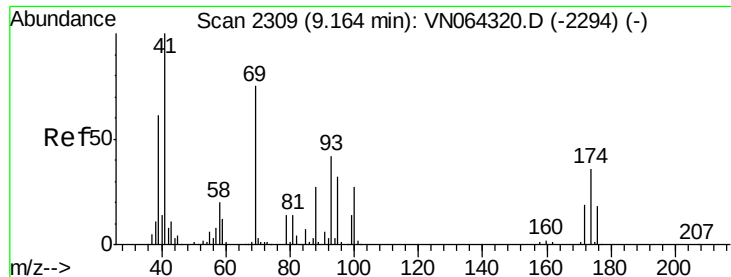
Tot Ion: 83 Resp: 80795
 Ion Ratio Lower Upper
 83 100
 85 66.7 52.1 78.1
 127 7.6 6.7 10.1



#48
 Methyl methacrylate
 Concen: 17.045 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Tgt Ion: 41 Resp: 60953
 Ion Ratio Lower Upper
 41 100
 69 72.6 59.1 88.7
 39 63.0 51.3 76.9

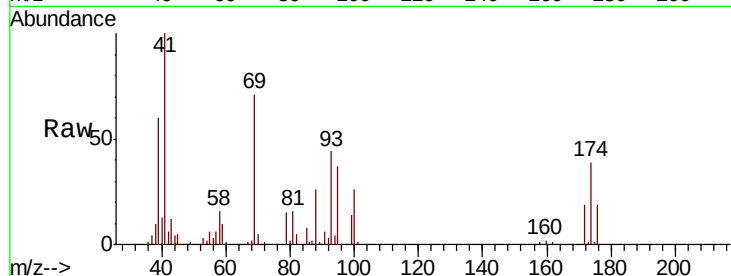




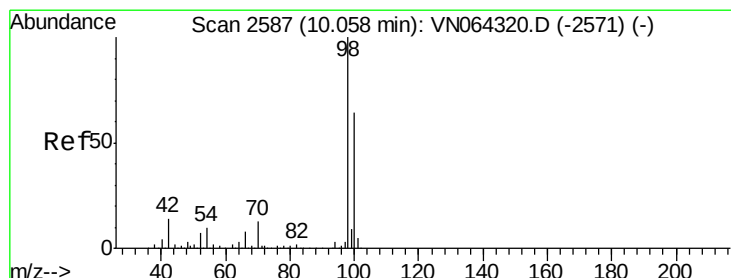
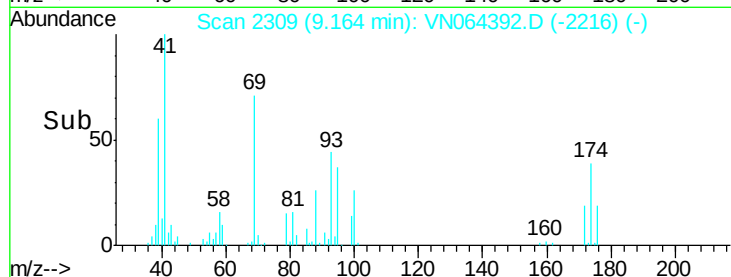
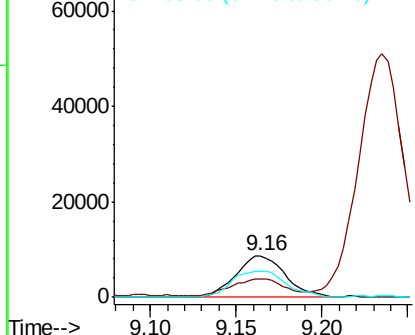
#49
1,4-Dioxane
Concen: 326.902 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tot Ion: 88 Resp: 17230
Ion Ratio Lower Upper
88 100
43 43.0 31.8 47.8
58 70.4 60.3 90.5

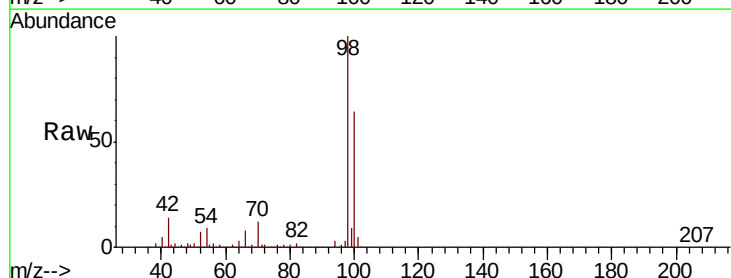


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

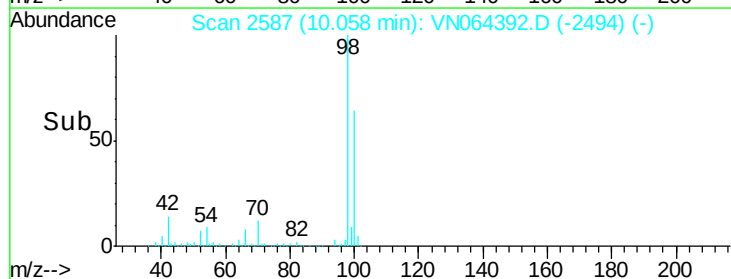
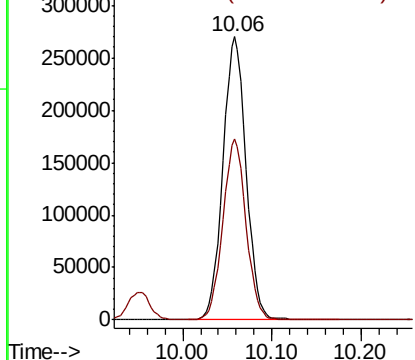


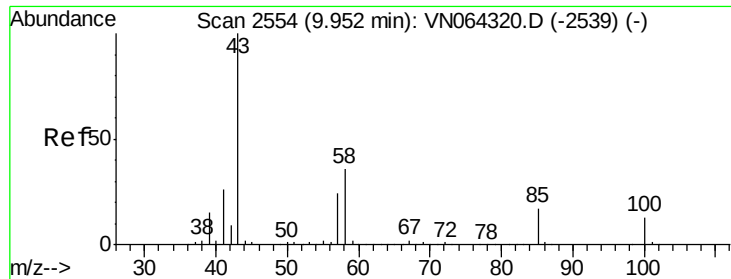
#50
Toluene-d8
Concen: 49.488 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion: 98 Resp: 485519
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 87.302 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

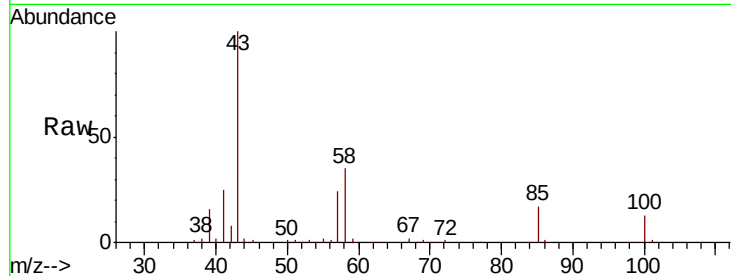
VN1030WBS01

Tot Ion: 43 Resp: 351726

Ion Ratio Lower Upper

43 100

58 35.5 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VN064320.D (-2539) (-)

Ion 58.00 (57.70 to 58.70): VN064320.D (-2539) (-)

9.95

200000

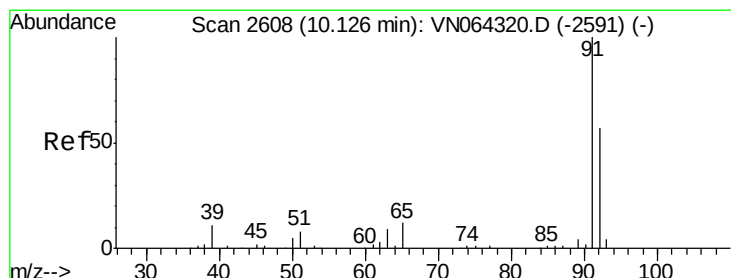
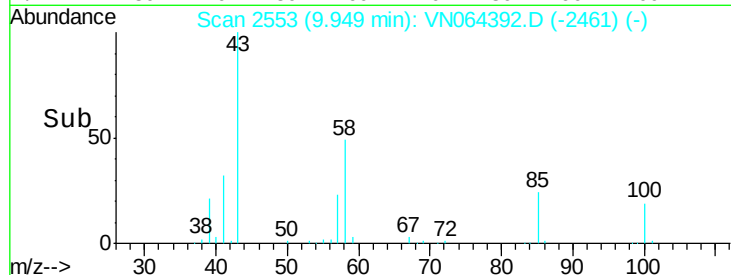
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.583 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064392.D

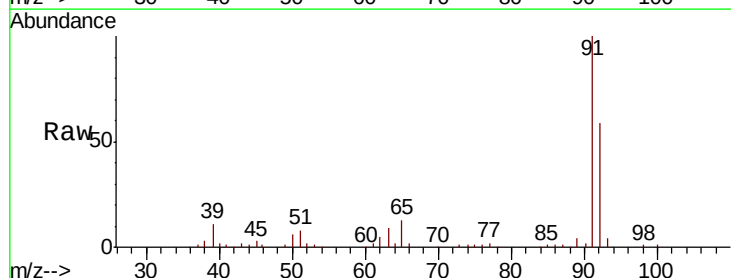
Acq: 30 Oct 2020 11:51

Tgt Ion: 92 Resp: 131018

Ion Ratio Lower Upper

92 100

91 168.7 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN064320.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN064320.D (-2591) (-)

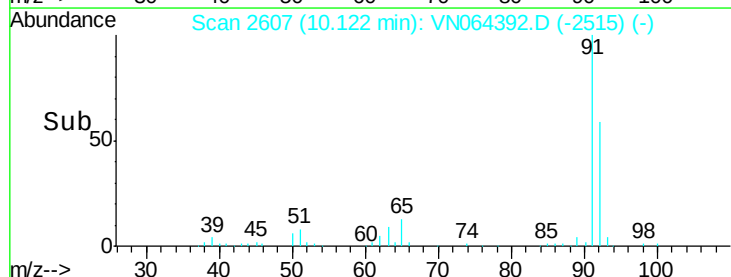
10.12

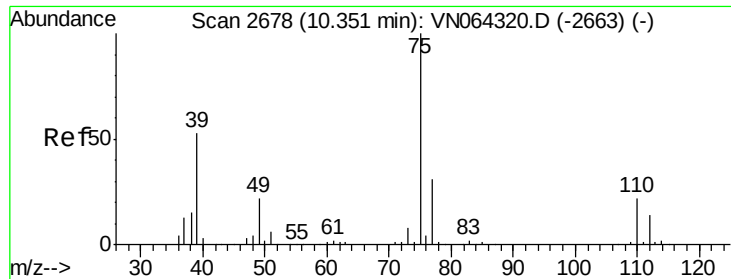
100000

50000

0

Time-->

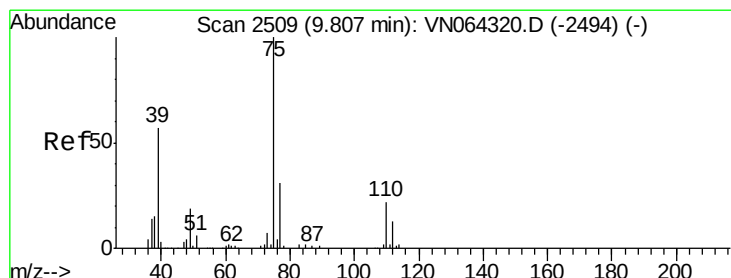
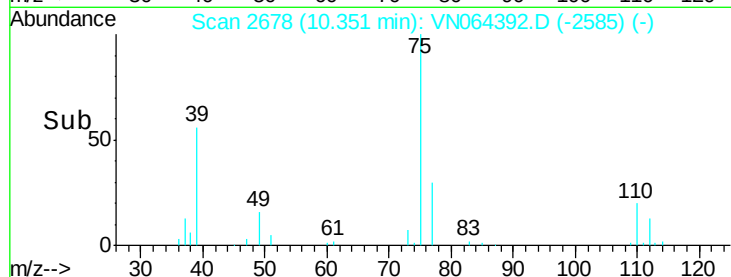
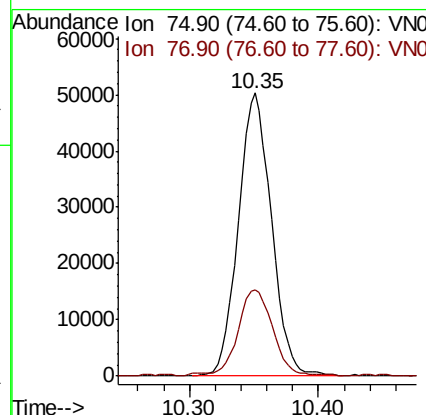
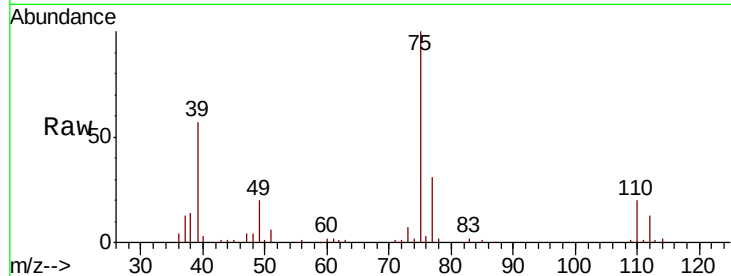




#53
t-1,3-Dichloropropene
Concen: 18.305 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

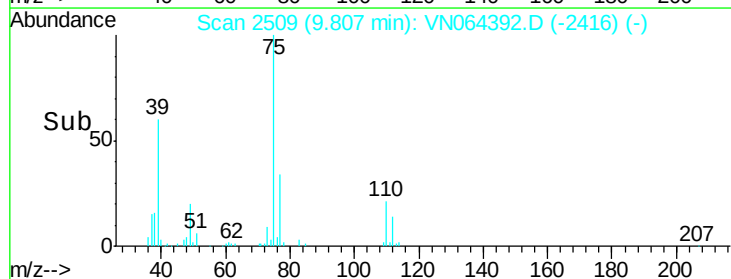
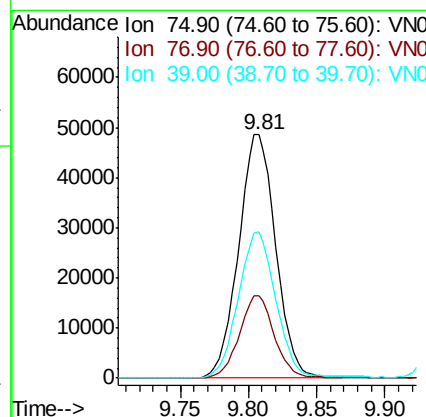
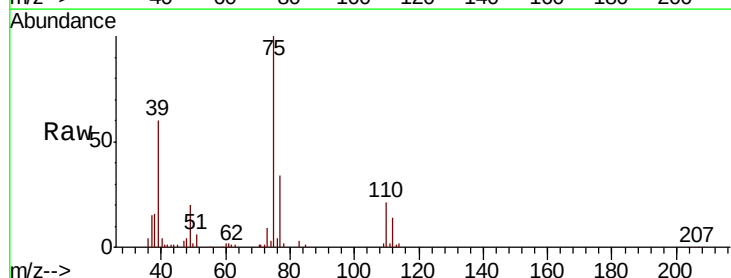
Instrument :
MSVOA_N
ClientSampled :
VN1030WBS01

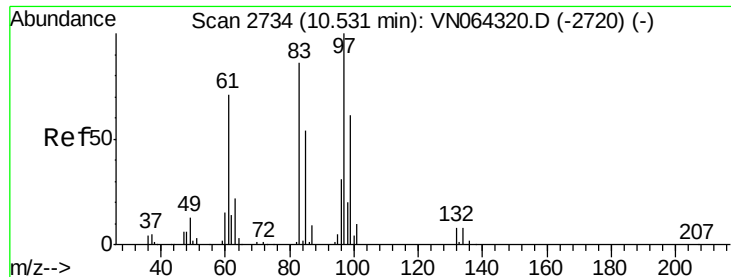
Tot Ion: 75 Resp: 89783
Ion Ratio Lower Upper
75 100
77 30.2 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 18.190 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion: 75 Resp: 91840
Ion Ratio Lower Upper
75 100
77 34.0 25.0 37.4
39 60.3 45.5 68.3

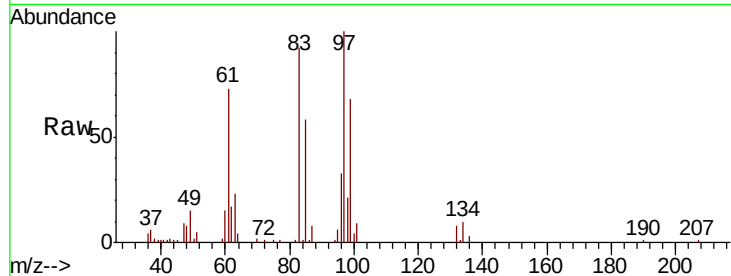




#55
 1,1,2-Trichloroethane
 Concen: 17.933 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

Tot Ion:	97	Resp:	49908
Ion	Ratio	Lower	Upper
97	100		
83	91.5	68.9	103.3
85	58.3	43.6	65.4
99	67.5	49.2	73.8



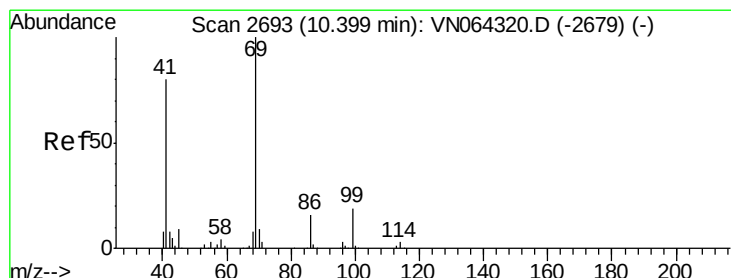
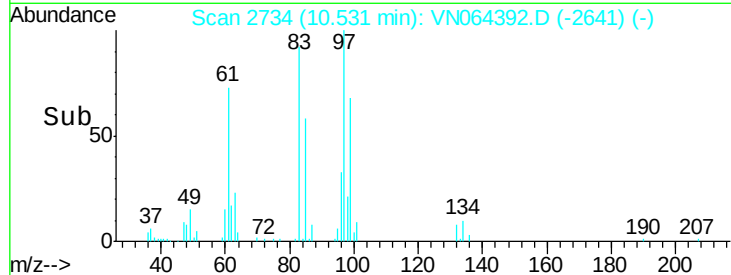
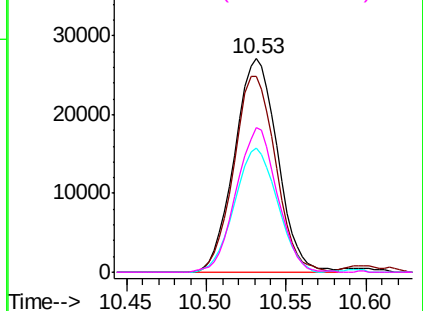
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

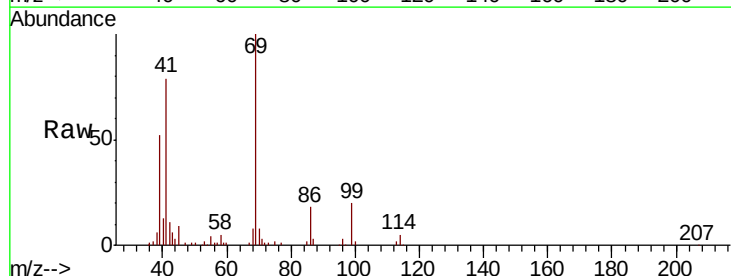
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56
 Ethyl methacrylate
 Concen: 16.950 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Tgt Ion:	69	Resp:	71408
Ion	Ratio	Lower	Upper
69	100		
41	79.2	61.4	92.2
39	50.4	36.5	54.7

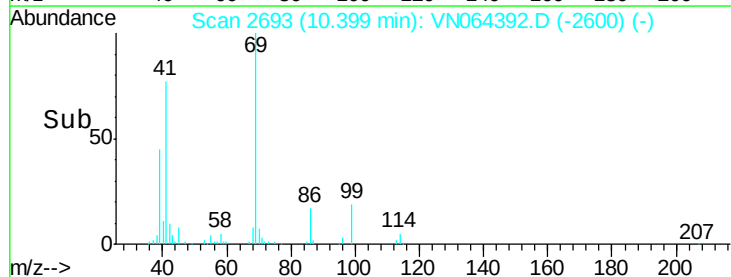
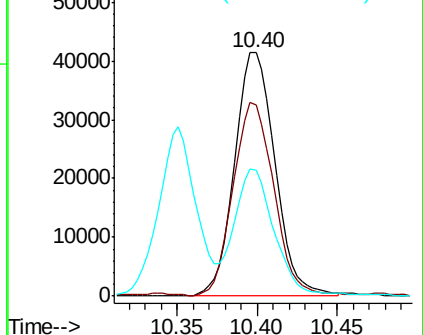


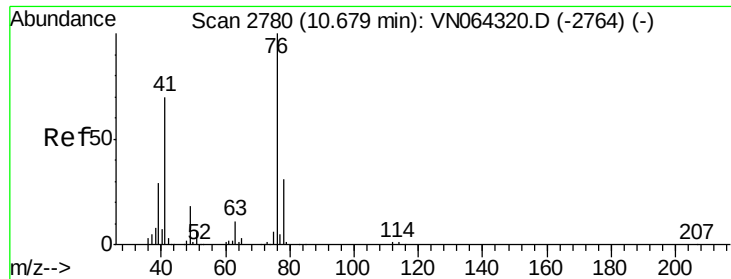
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 18.445 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

ClientSampled :

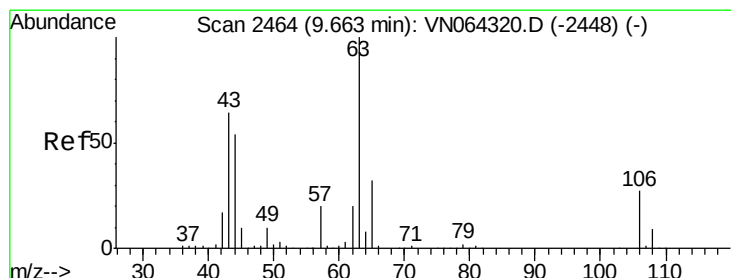
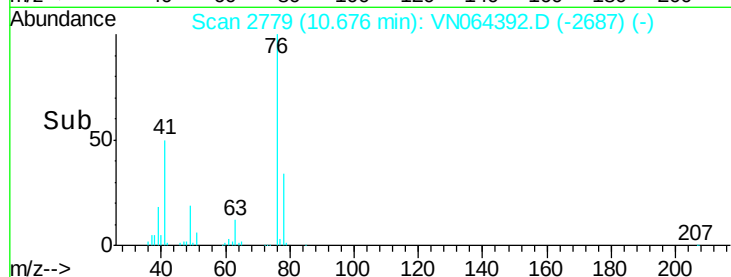
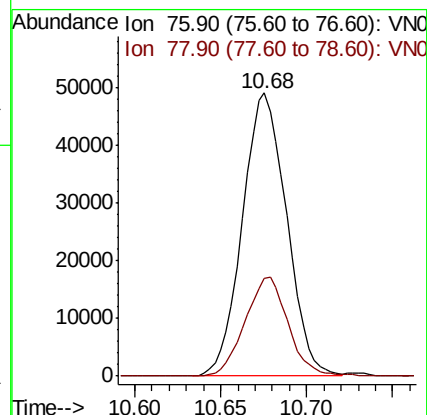
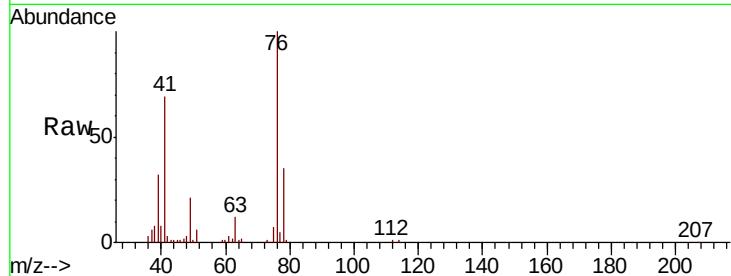
VN1030WBS01

Tot Ion: 76 Resp: 87568

Ion Ratio Lower Upper

76 100

78 34.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 78.808 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064392.D

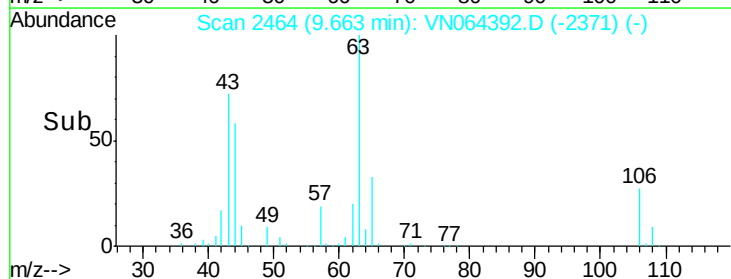
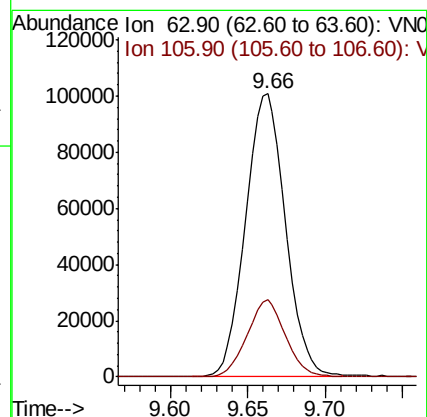
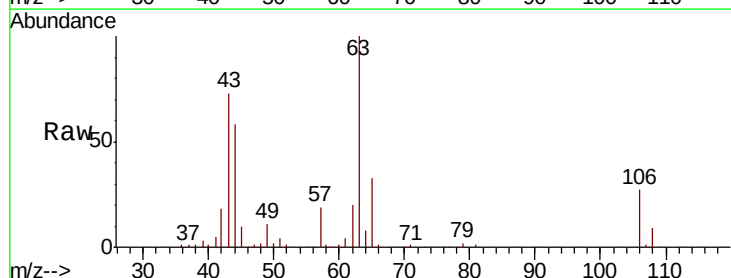
Acq: 30 Oct 2020 11:51

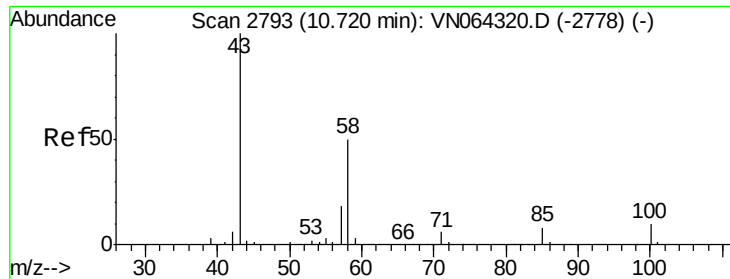
Tgt Ion: 63 Resp: 181176

Ion Ratio Lower Upper

63 100

106 26.2 21.0 31.4

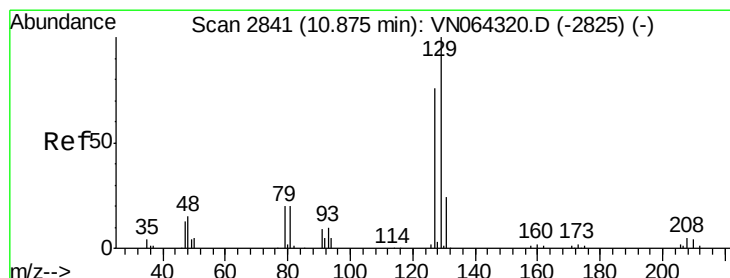
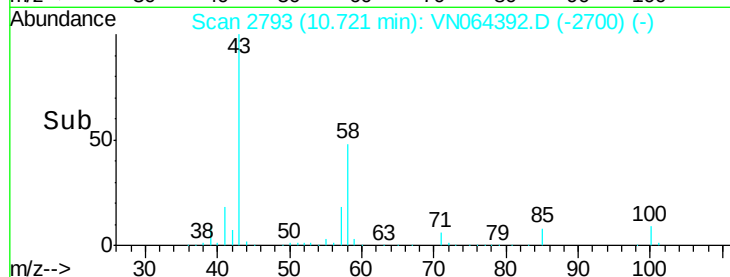
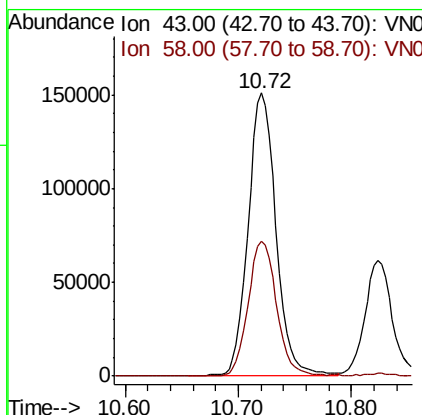
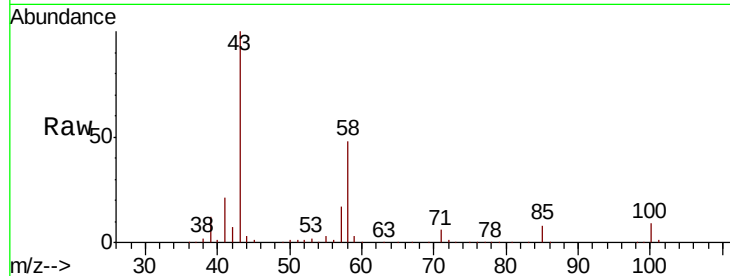




#59
2-Hexanone
Concen: 86.823 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

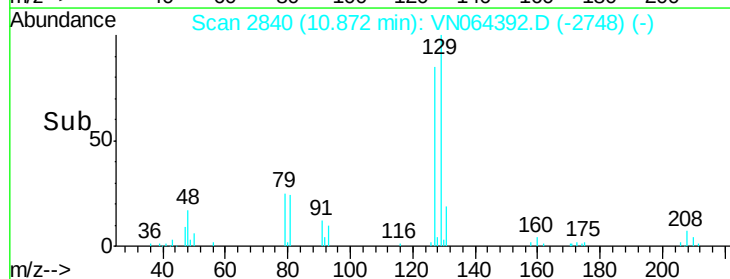
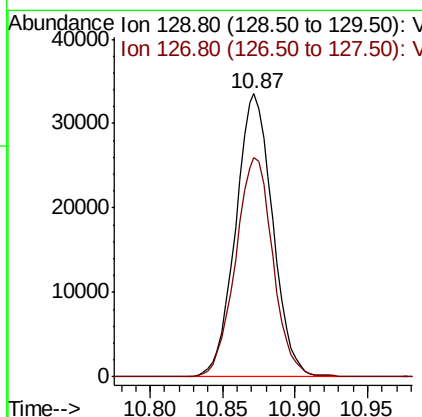
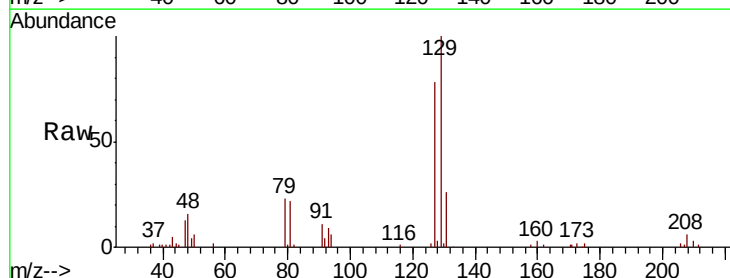
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

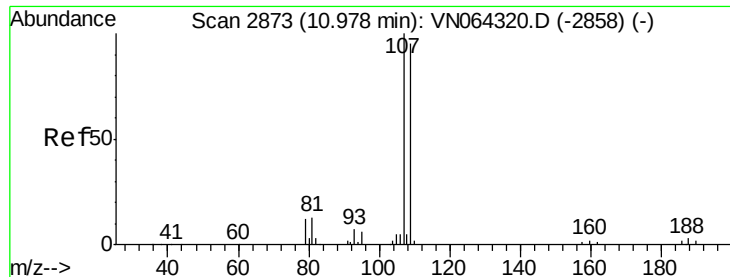
Tot Ion: 43 Resp: 257625
Ion Ratio Lower Upper
43 100
58 48.7 25.0 75.0



#60
Dibromochloromethane
Concen: 18.034 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion: 129 Resp: 59342
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.3

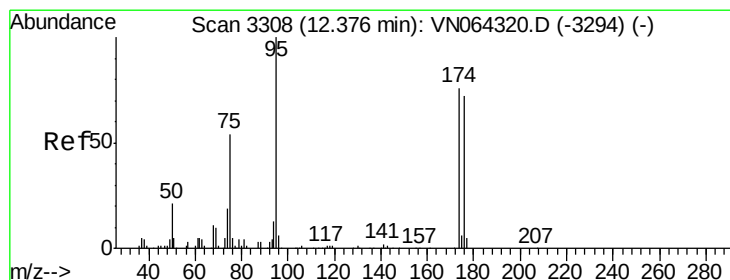
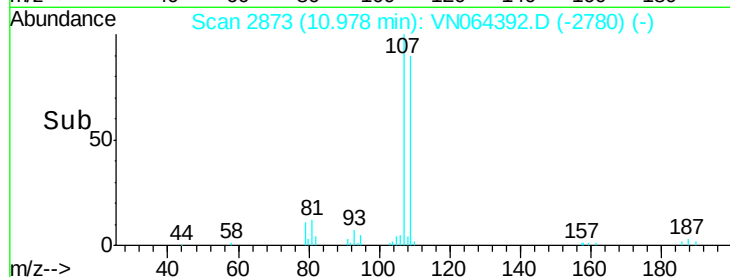
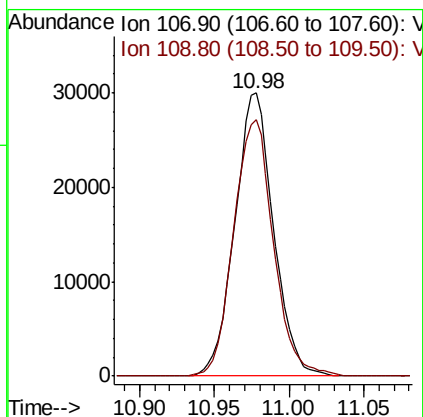
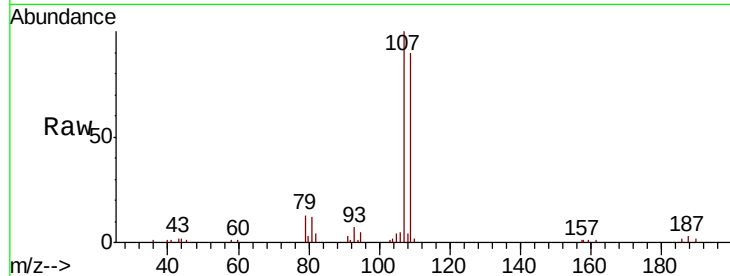




#61
 1,2-Dibromoethane
 Concen: 19.057 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

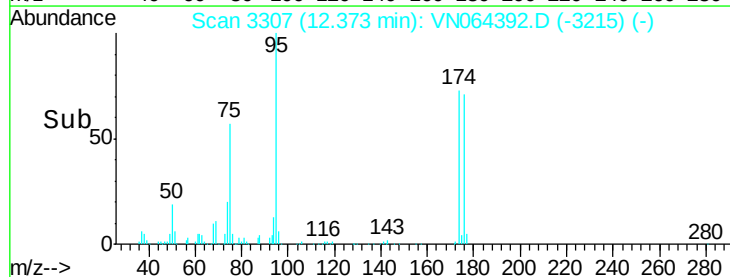
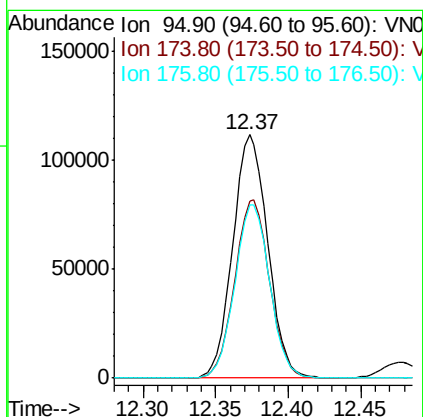
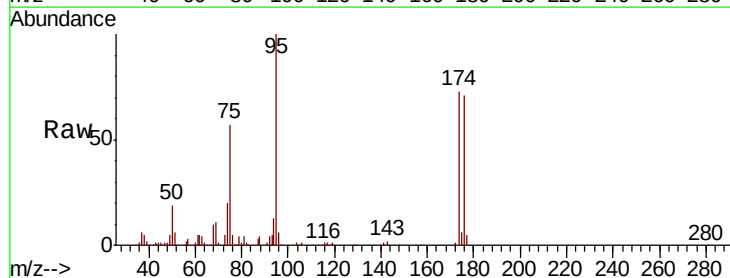
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

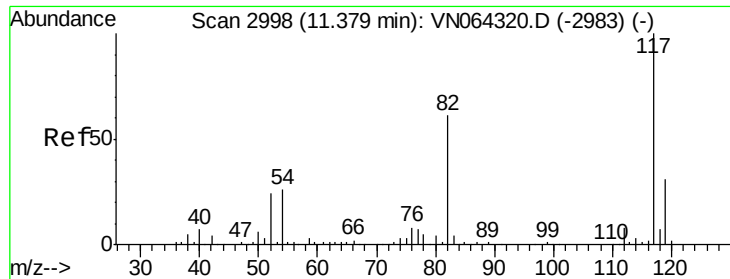
Tot Ion: 107 Resp: 54041
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 48.930 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Tgt Ion: 95 Resp: 187165
 Ion Ratio Lower Upper
 95 100
 174 73.0 0.0 147.4
 176 71.3 0.0 143.6

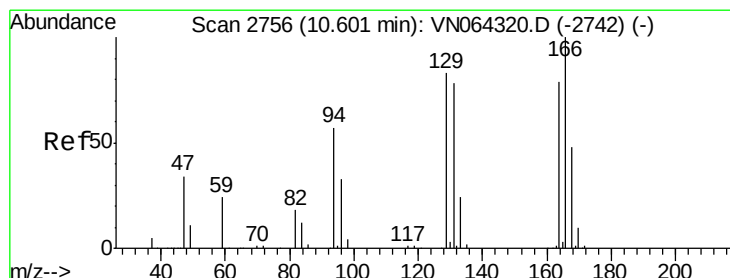
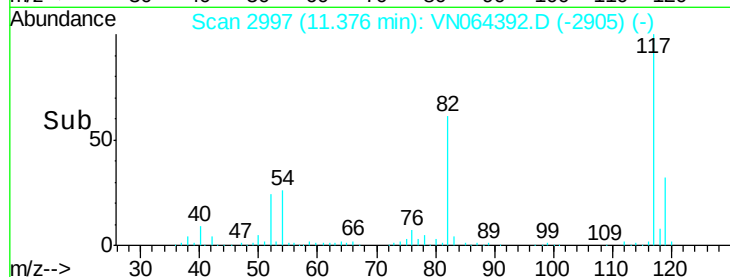
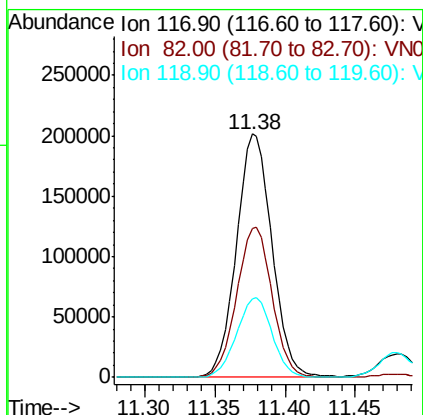
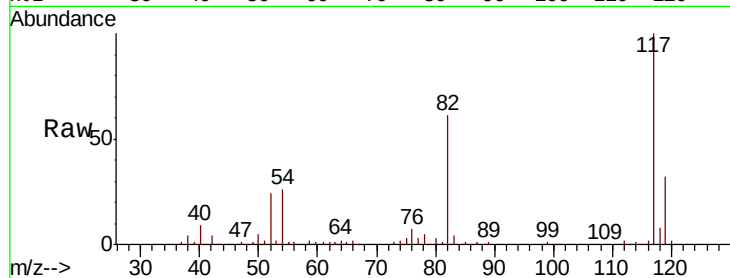




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

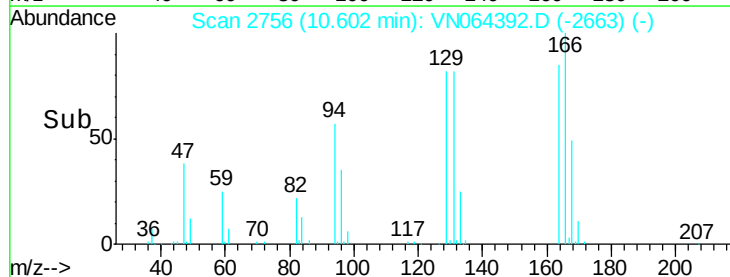
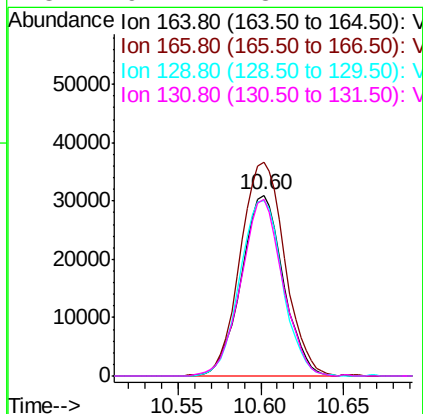
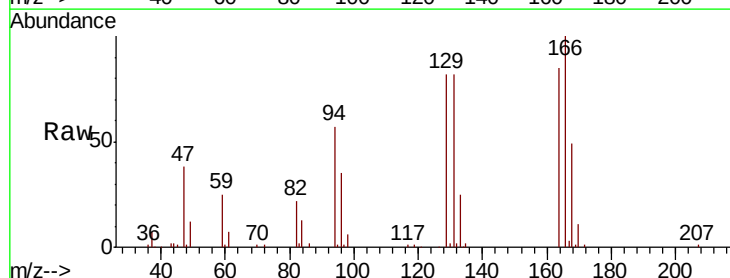
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

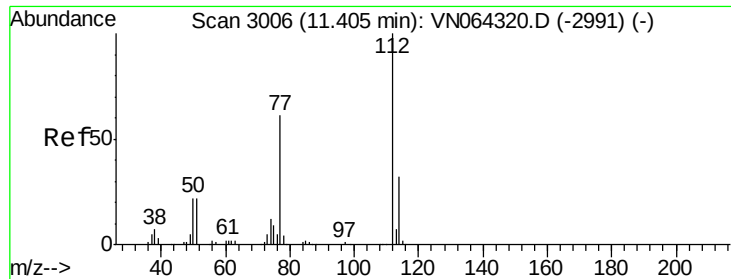
Tot Ion:117 Resp: 356547
Ion Ratio Lower Upper
117 100
82 61.0 48.8 73.2
119 32.3 25.1 37.7



#64
Tetrachloroethene
Concen: 18.607 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion:164 Resp: 54526
Ion Ratio Lower Upper
164 100
166 118.2 100.7 151.1
129 97.2 83.7 125.5
131 97.4 78.2 117.2

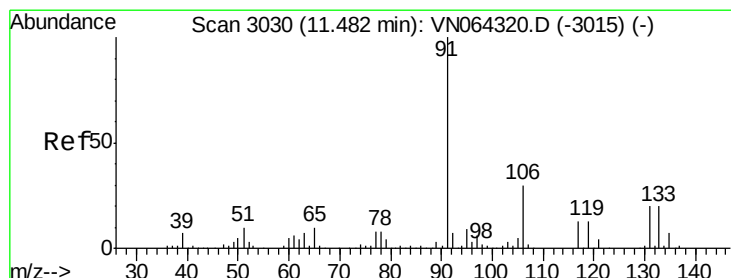
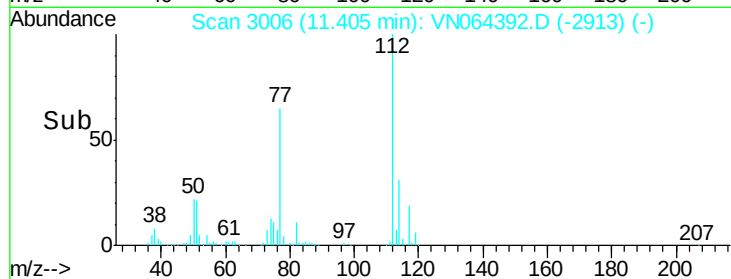
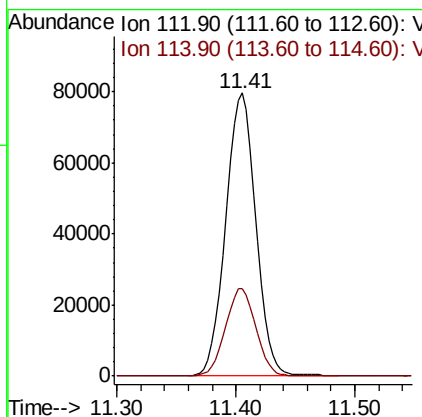
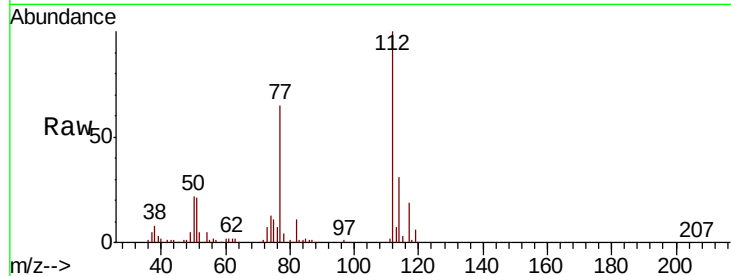




#65
Chlorobenzene
Concen: 19.325 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

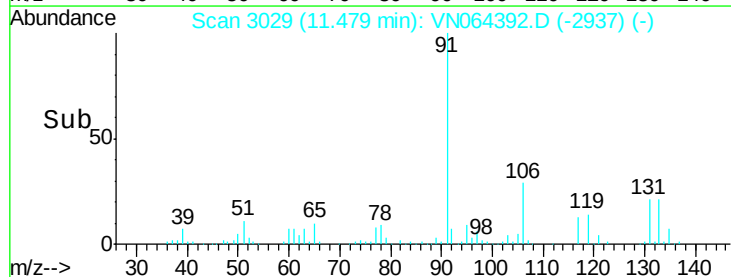
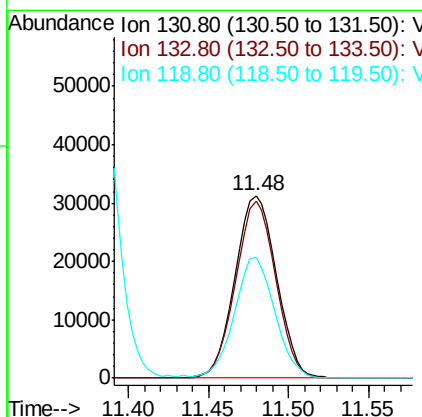
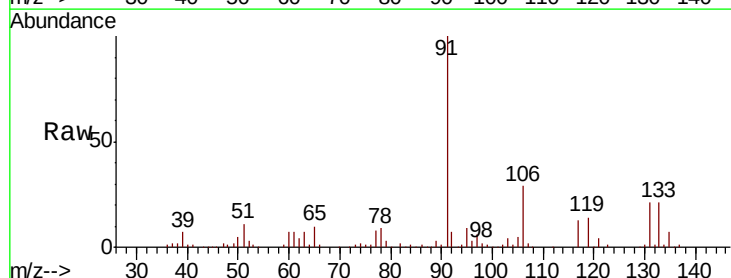
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

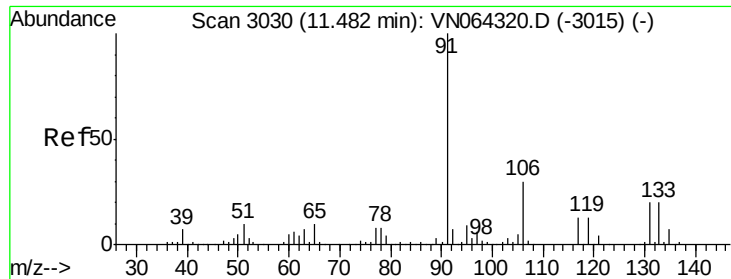
Tot Ion:112 Resp: 139689
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.900 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion:131 Resp: 55217
Ion Ratio Lower Upper
131 100
133 93.6 49.3 147.8
119 64.4 32.3 96.9

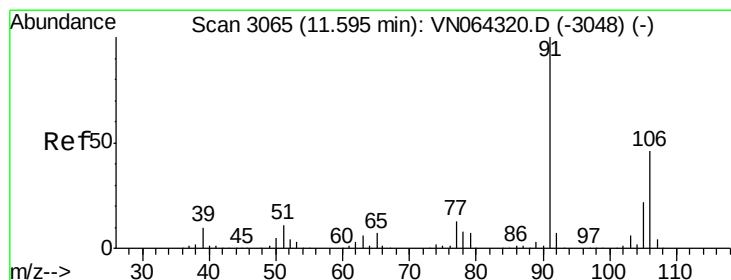
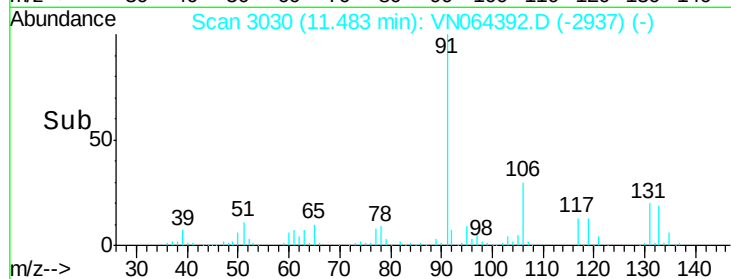
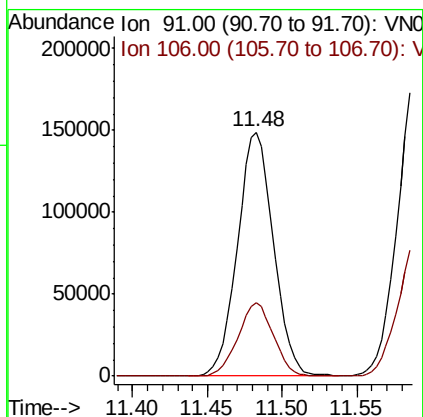
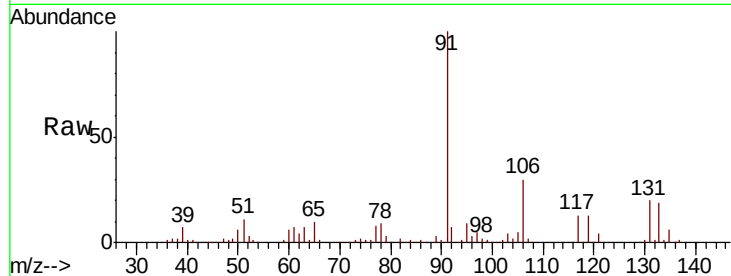




#67
Ethyl Benzene
Concen: 18.512 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

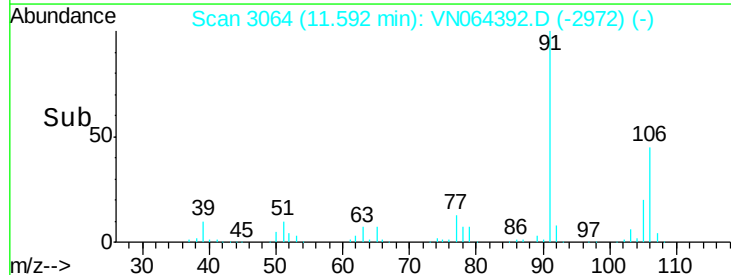
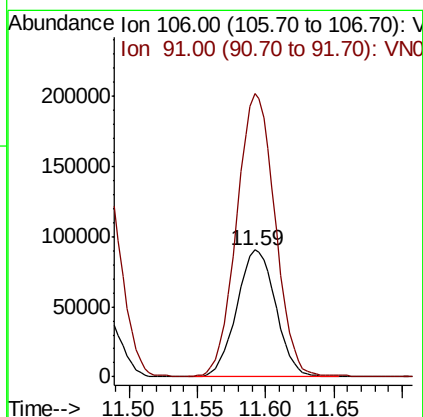
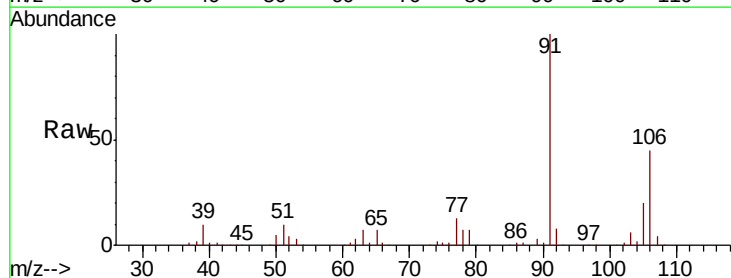
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

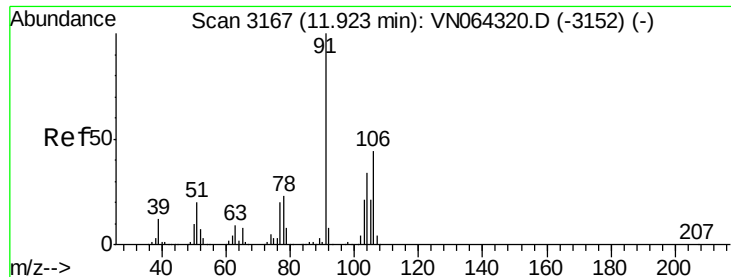
Tot Ion: 91 Resp: 248774
Ion Ratio Lower Upper
91 100
106 30.0 23.7 35.5



#68
m/p-Xylenes
Concen: 35.959 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion: 106 Resp: 179083
Ion Ratio Lower Upper
106 100
91 219.8 170.2 255.4

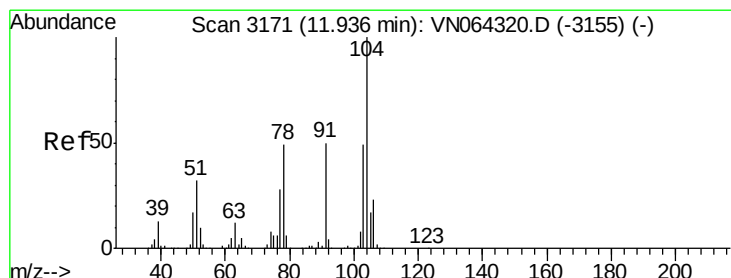
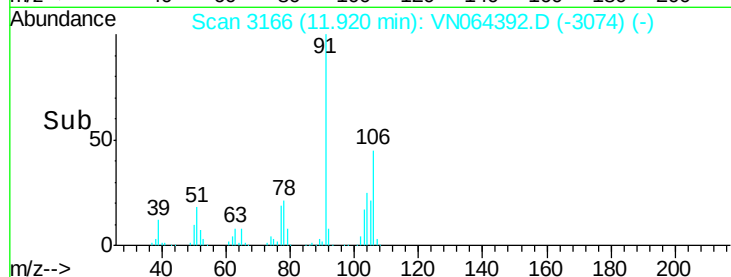
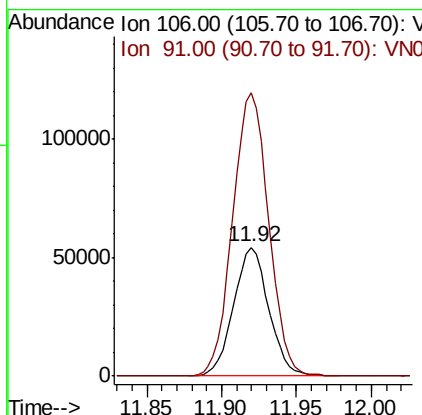
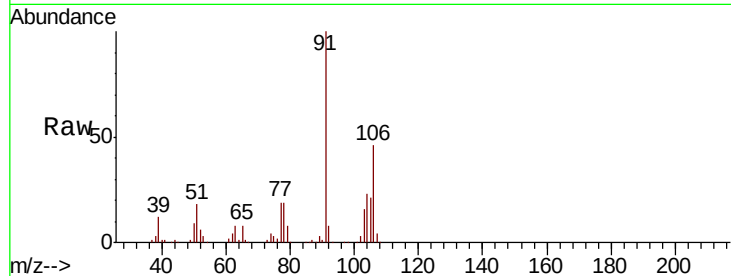




#69
o-Xylene
Concen: 18.575 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

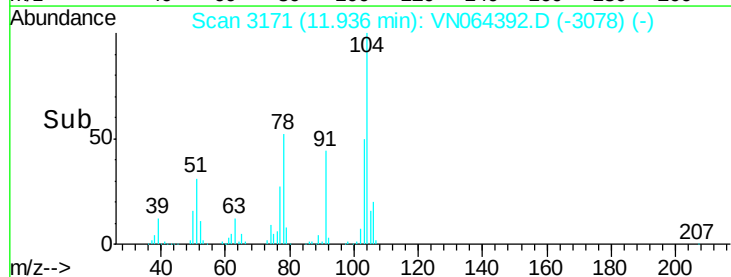
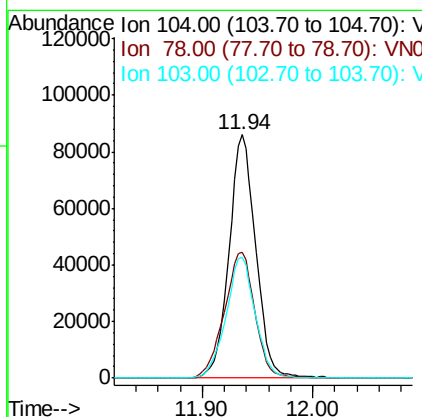
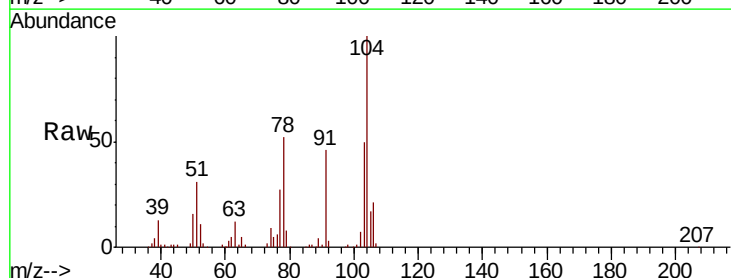
Instrument :
MSVOA_N
ClientSampled :
VN1030WBS01

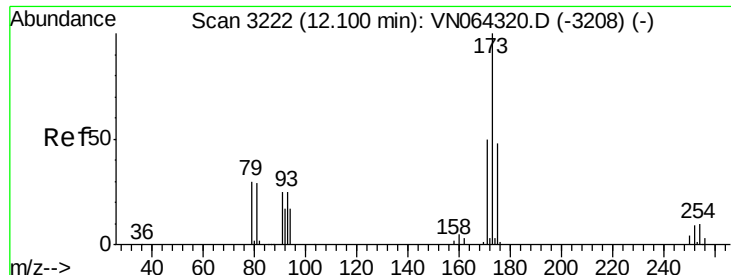
Tot Ion:106 Resp: 89126
Ion Ratio Lower Upper
106 100
91 224.9 114.5 343.5



#70
Styrene
Concen: 18.342 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion:104 Resp: 144290
Ion Ratio Lower Upper
104 100
78 58.9 43.7 65.5
103 54.5 43.3 64.9





#71

Bromoform

Concen: 17.739 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

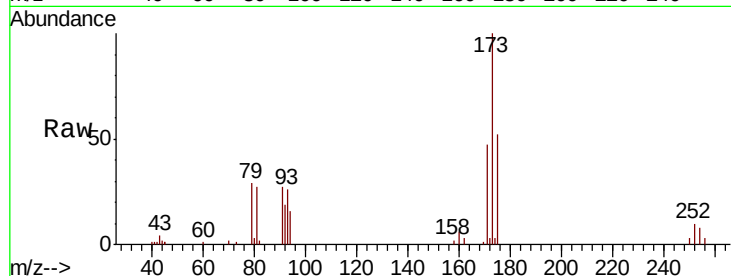
Tot Ion:173 Resp: 40675

Ion Ratio Lower Upper

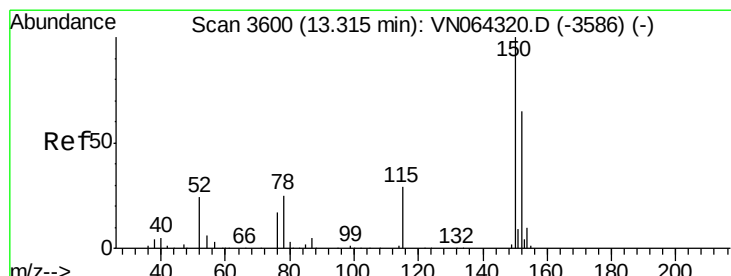
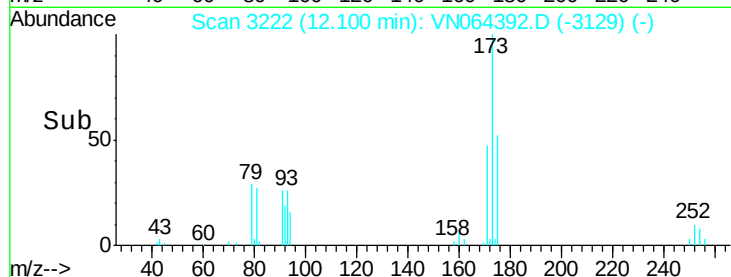
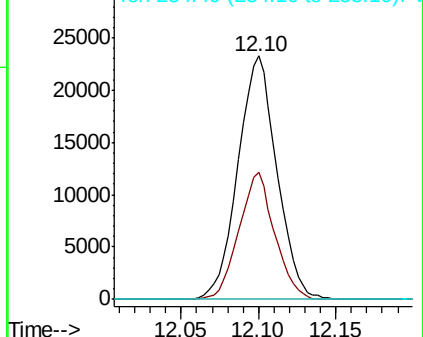
173 100

175 47.8 25.4 76.0

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: VN064392.D

Acq: 30 Oct 2020 11:51

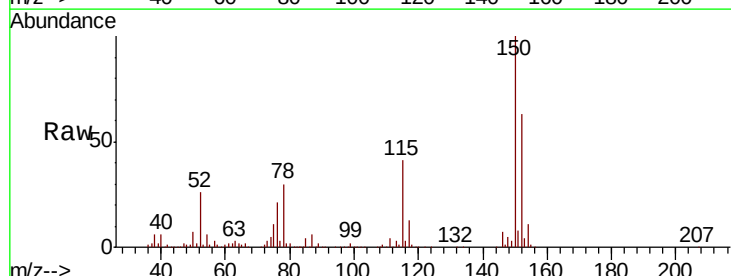
Tgt Ion:152 Resp: 169768

Ion Ratio Lower Upper

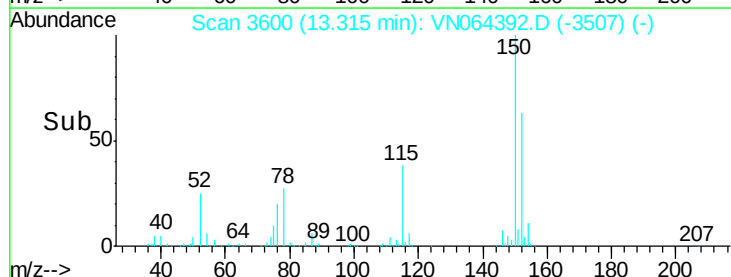
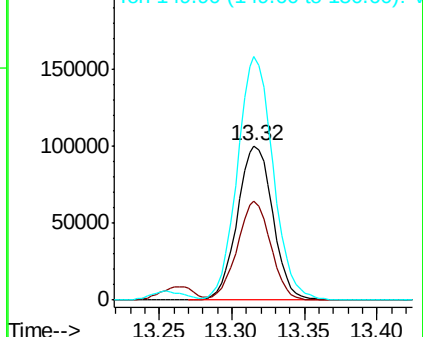
152 100

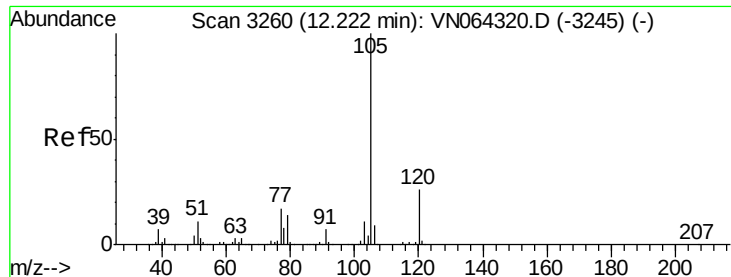
115 60.2 31.5 94.5

150 158.7 0.0 346.2



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





#73

Isopropylbenzene

Concen: 18.453 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

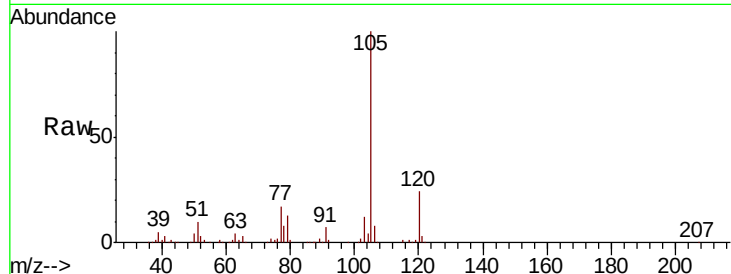
VN1030WBS01

Tot Ion:105 Resp: 234629

Ion Ratio Lower Upper

105 100

120 23.9 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

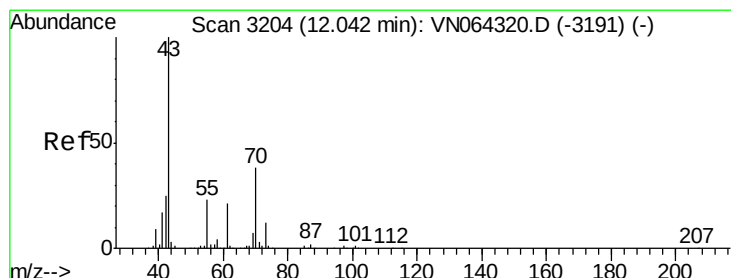
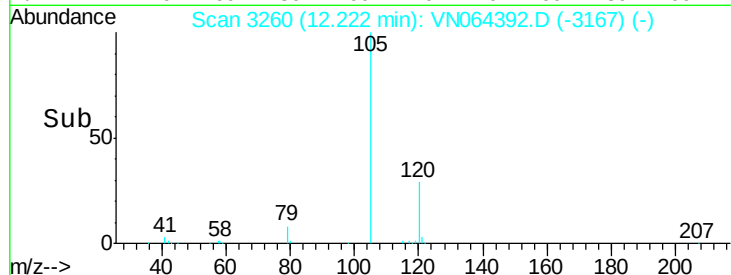
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 17.826 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Tgt Ion: 43 Resp: 99765

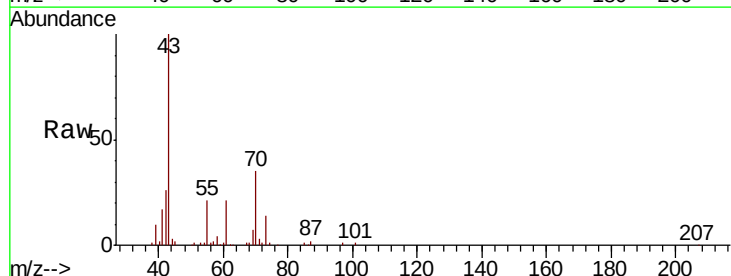
Ion Ratio Lower Upper

43 100

70 37.1 30.6 45.8

55 22.2 18.2 27.4

61 21.3 17.6 26.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

80000

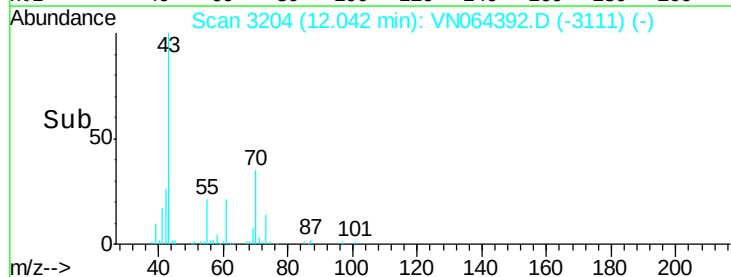
60000

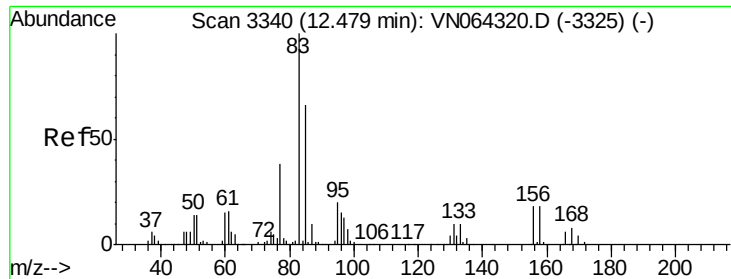
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.633 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

ClientSampled :

VN1030WBS01

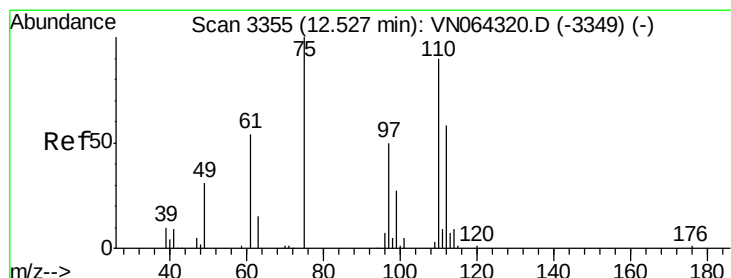
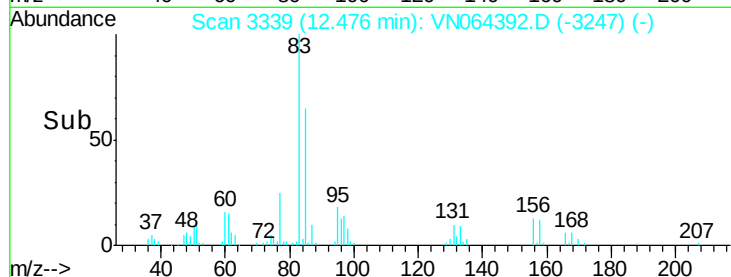
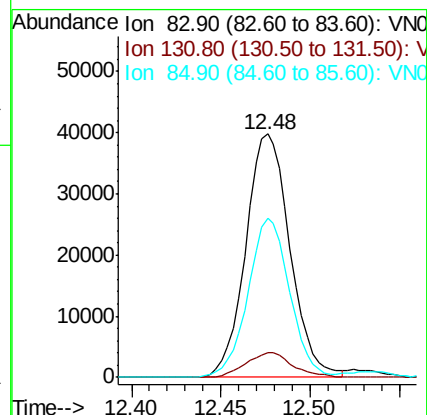
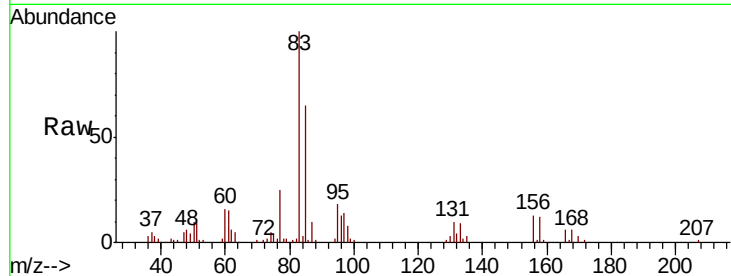
Tot Ion: 83 Resp: 68865

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

85 61.3 33.0 98.9



#76

1,2,3-Trichloropropane

Concen: 24.317 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064392.D

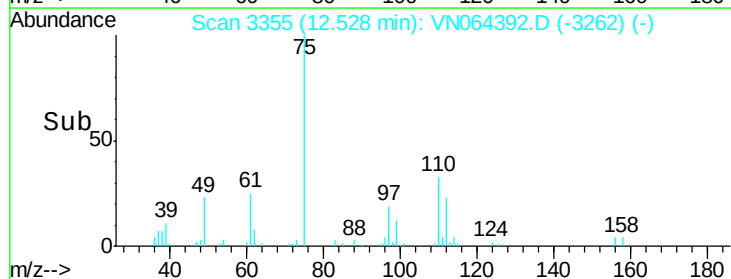
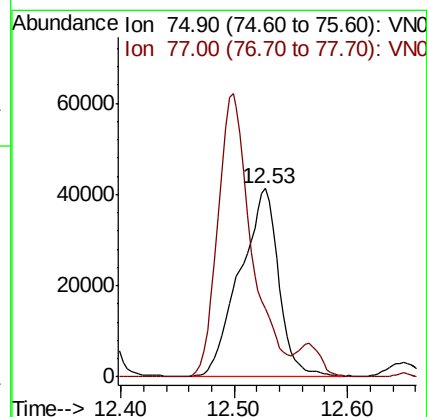
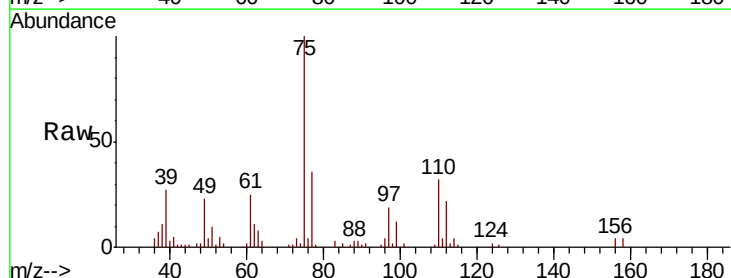
Acq: 30 Oct 2020 11:51

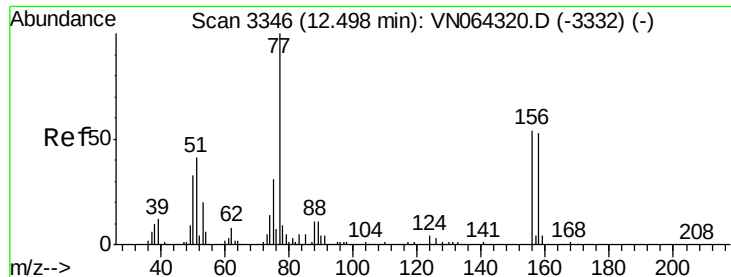
Tgt Ion: 75 Resp: 98862

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.443 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

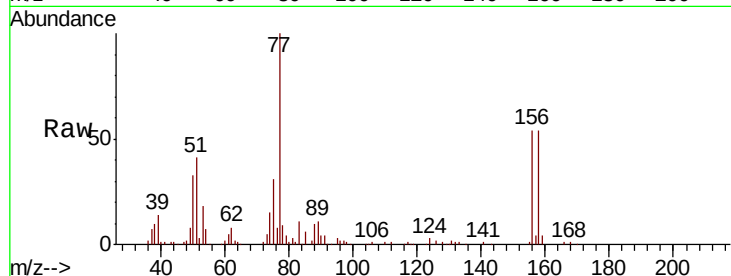
Tot Ion:156 Resp: 57425

Ion Ratio Lower Upper

156 100

77 224.0 111.9 335.7

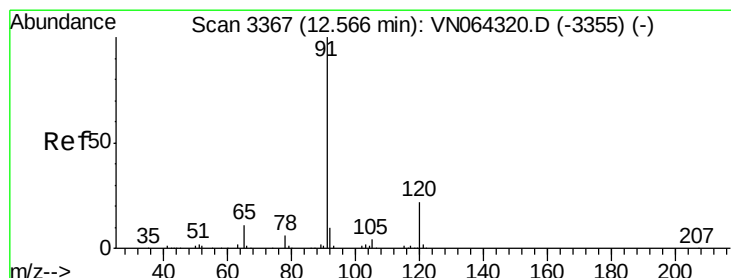
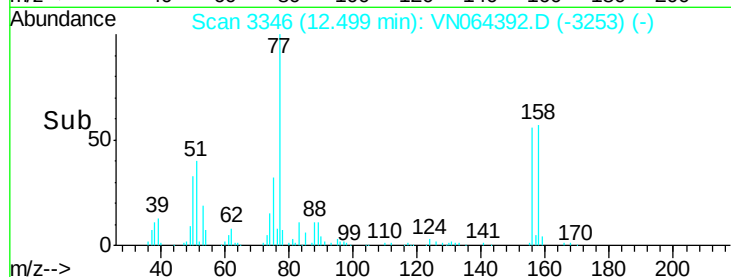
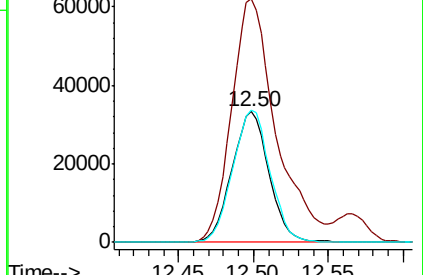
158 101.9 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.949 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064392.D

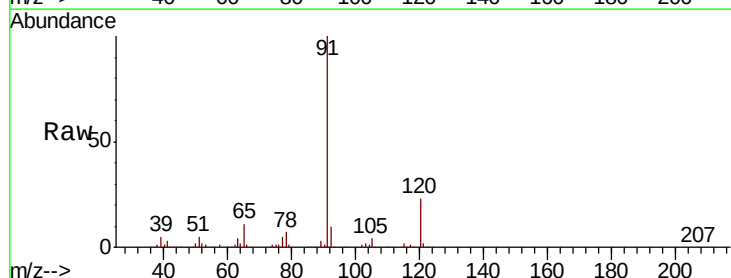
Acq: 30 Oct 2020 11:51

Tgt Ion: 91 Resp: 258383

Ion Ratio Lower Upper

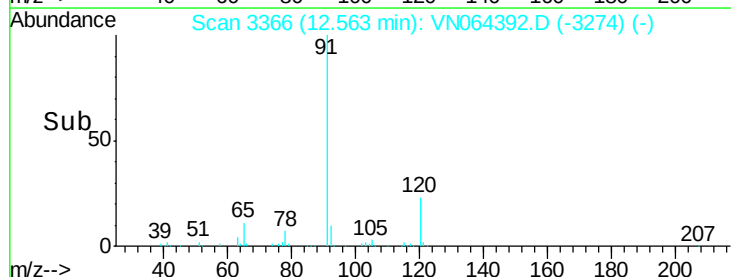
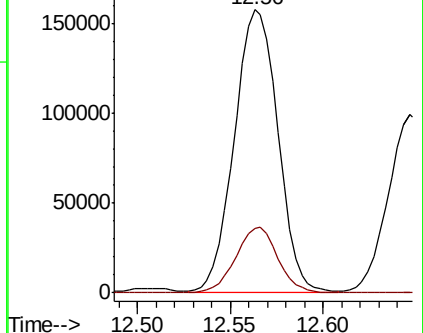
91 100

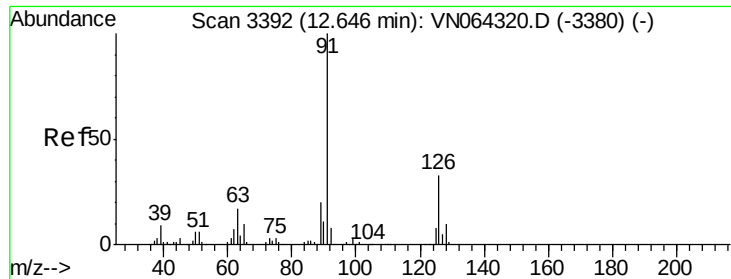
120 22.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.110 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

ClientSampled :

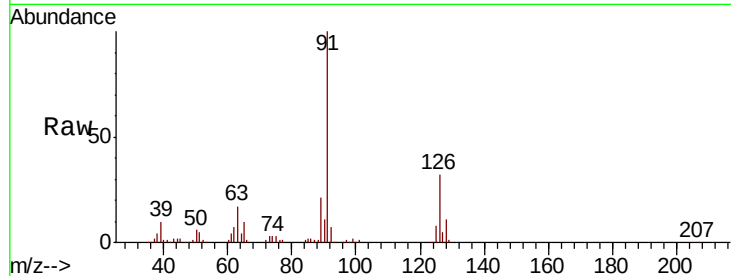
VN1030WBS01

Tot Ion: 91 Resp: 166651

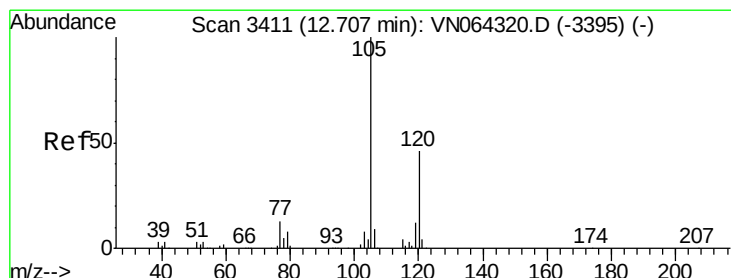
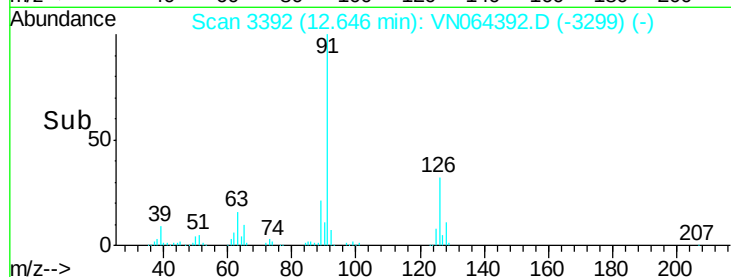
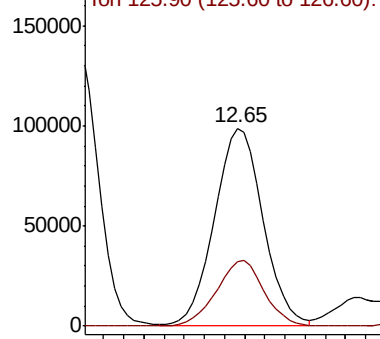
Ion Ratio Lower Upper

91 100

126 32.5 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN064392.D (-3299) (-)



#80

1,3,5-Trimethylbenzene

Concen: 17.766 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064392.D

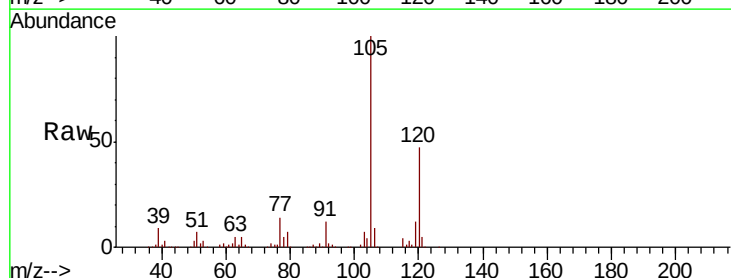
Acq: 30 Oct 2020 11:51

Tgt Ion: 105 Resp: 191146

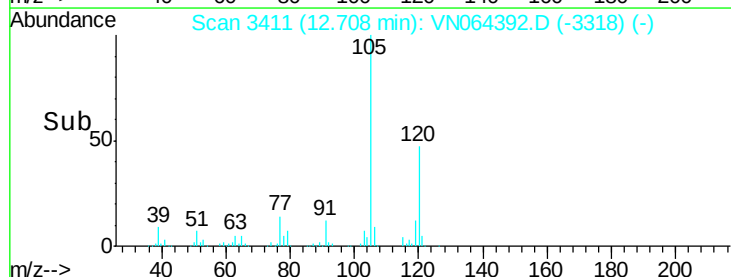
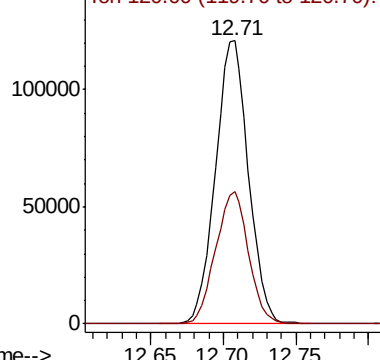
Ion Ratio Lower Upper

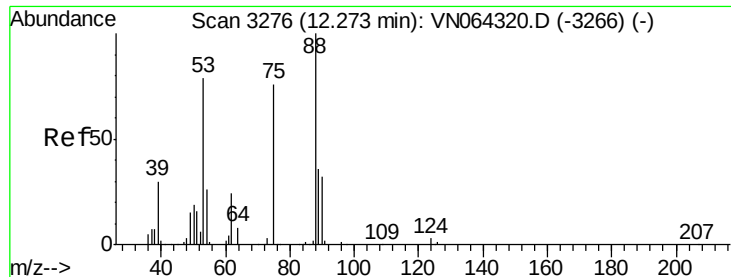
105 100

120 46.9 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN064392.D (-3318) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.623 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

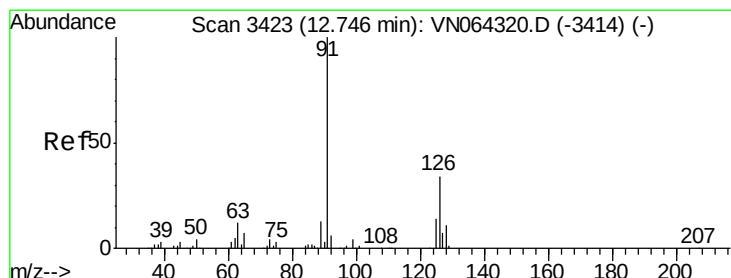
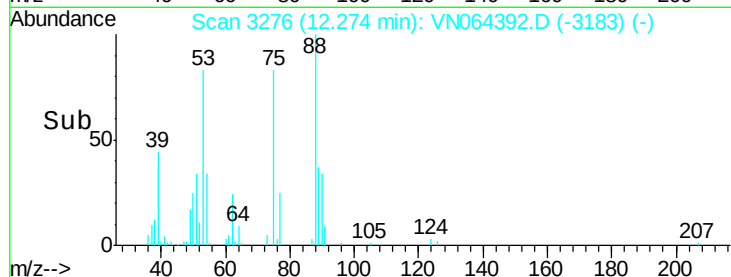
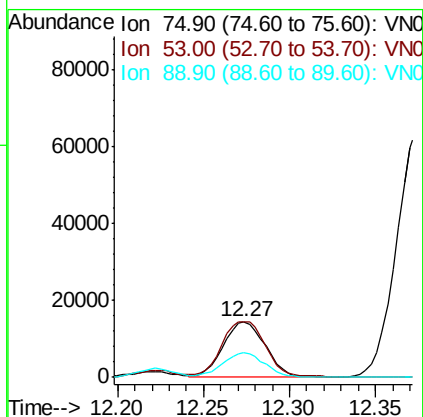
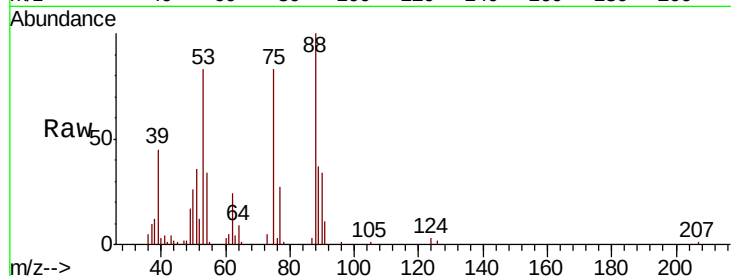
Tot Ion: 75 Resp: 24872

Ion Ratio Lower Upper

75 100

53 105.3 81.8 122.8

89 44.4 39.9 59.9



#82

4-Chlorotoluene

Concen: 18.579 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064392.D

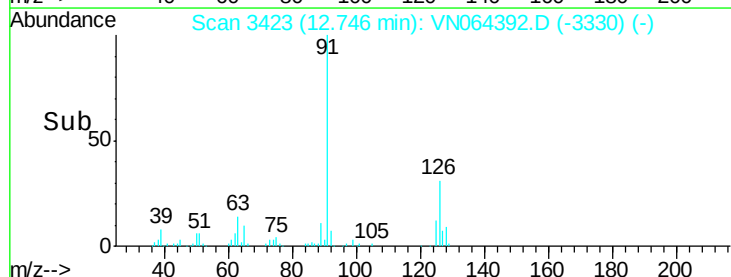
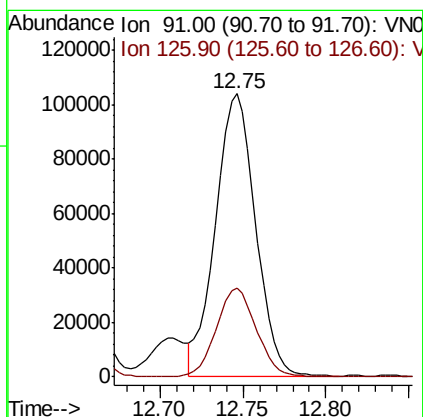
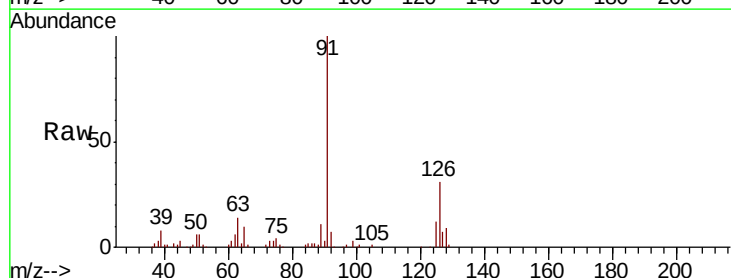
Acq: 30 Oct 2020 11:51

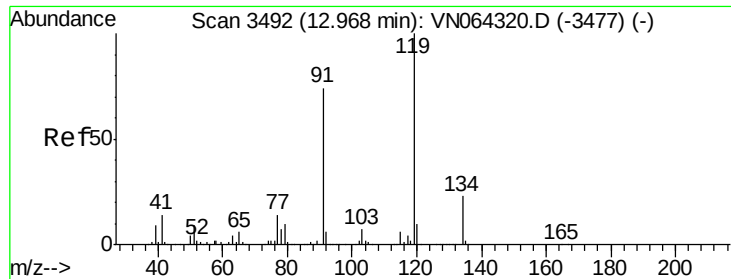
Tgt Ion: 91 Resp: 174169

Ion Ratio Lower Upper

91 100

126 31.3 15.8 47.3

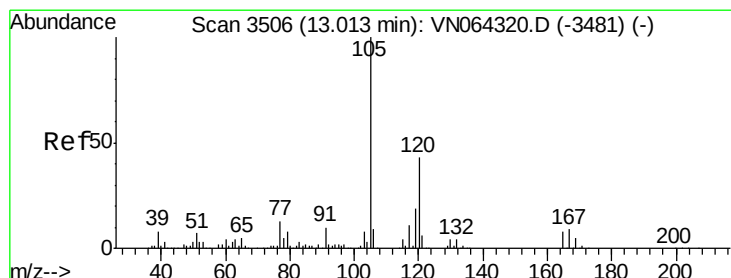
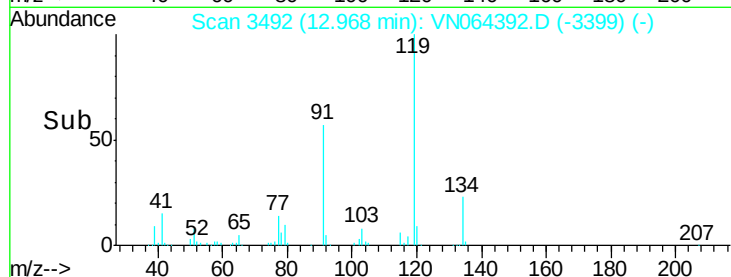
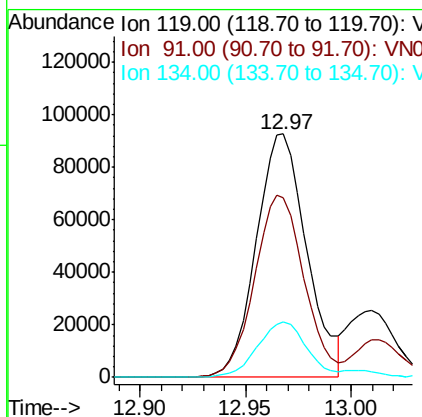
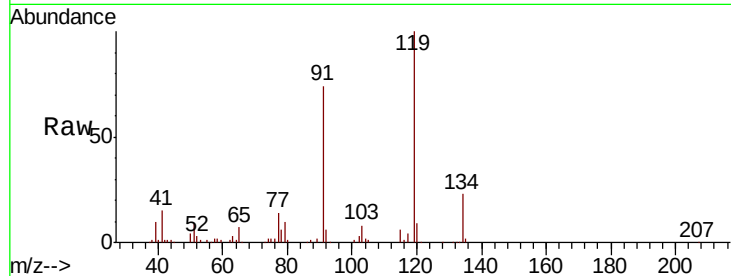




#83
 tert-Butylbenzene
 Concen: 17.469 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

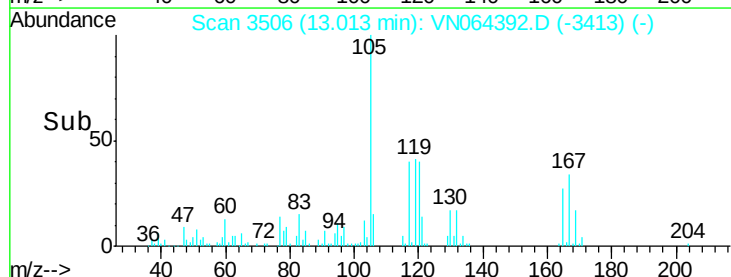
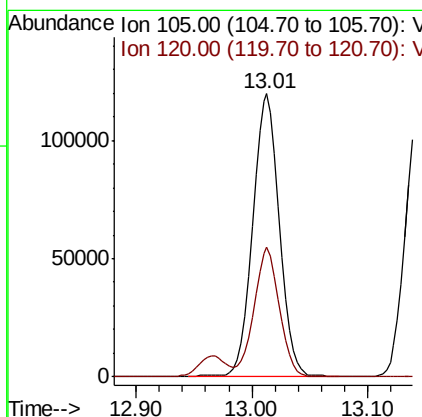
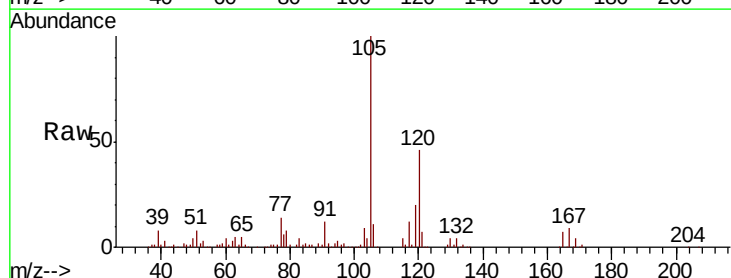
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

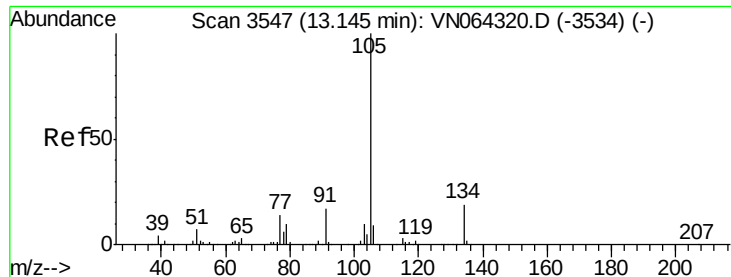
Tot Ion:119 Resp: 154231
 Ion Ratio Lower Upper
 119 100
 91 73.6 36.4 109.1
 134 22.2 12.0 36.1



#84
 1,2,4-Trimethylbenzene
 Concen: 17.917 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Tgt Ion:105 Resp: 192615
 Ion Ratio Lower Upper
 105 100
 120 43.6 21.3 64.0





#85

sec-Butylbenzene

Concen: 16.647 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

ClientSampled :

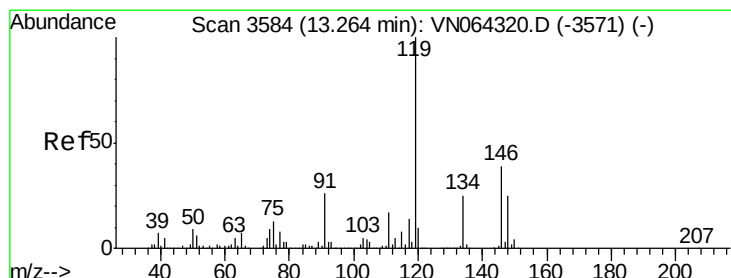
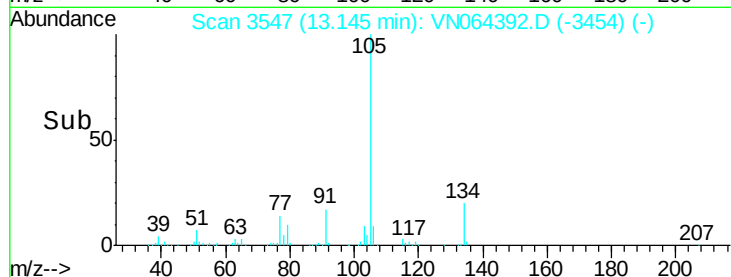
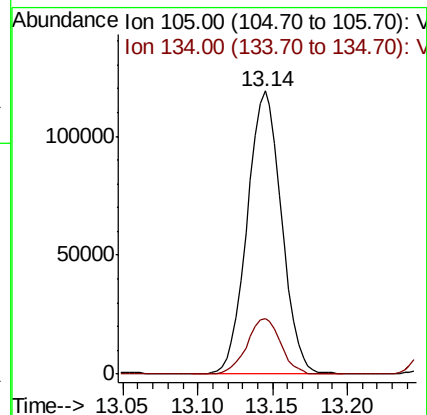
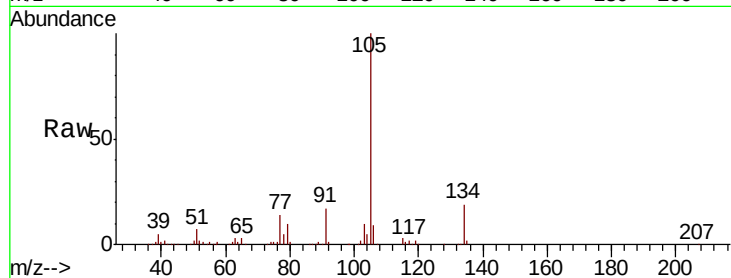
VN1030WBS01

Tot Ion:105 Resp: 190191

Ion Ratio Lower Upper

105 100

134 19.2 9.6 28.8



#86

p-Isopropyltoluene

Concen: 16.849 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

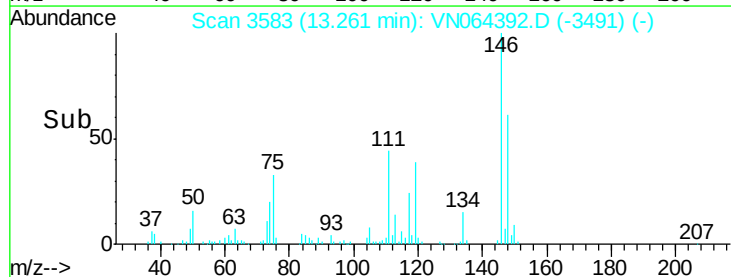
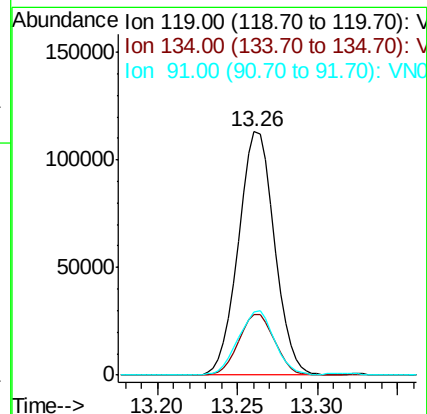
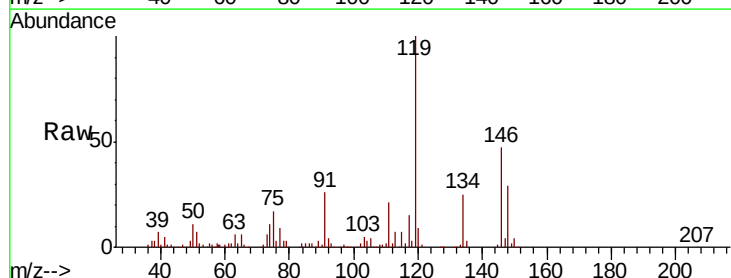
Tgt Ion:119 Resp: 173416

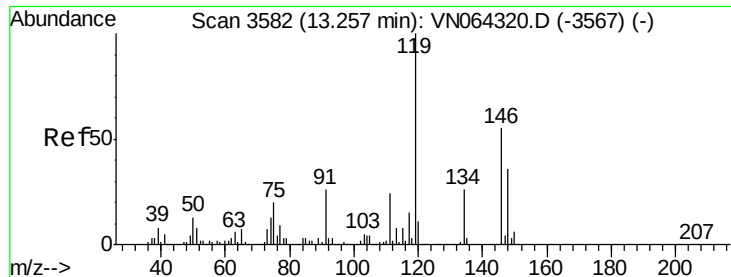
Ion Ratio Lower Upper

119 100

134 25.0 12.8 38.4

91 26.7 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 18.007 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

ClientSampled :

VN1030WBS01

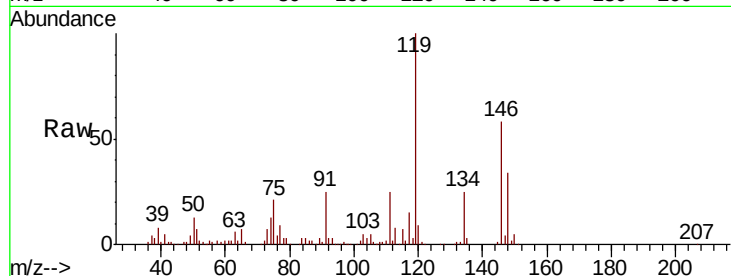
Tot Ion:146 Resp: 98150

Ion Ratio Lower Upper

146 100

111 44.7 21.9 65.5

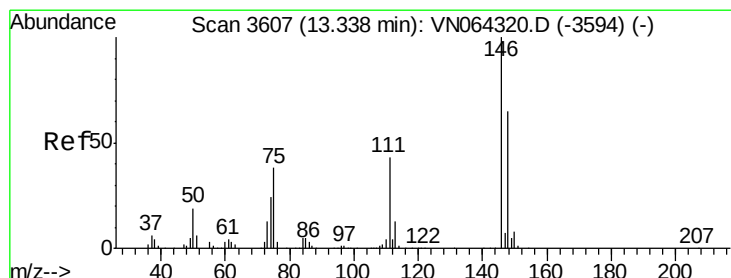
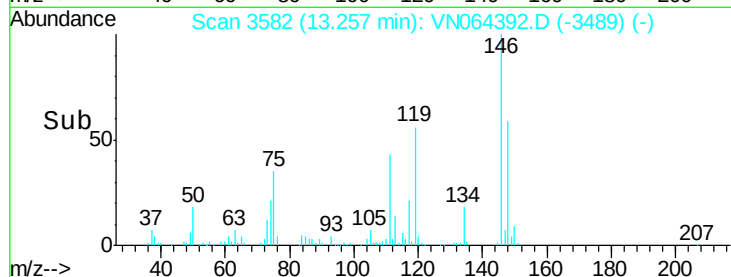
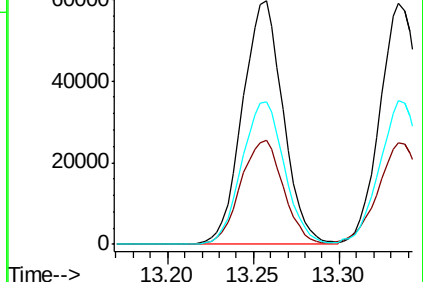
148 61.2 32.6 98.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.672 ug/l

RT: 13.33 min Scan# 3606

Delta R.T. -0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

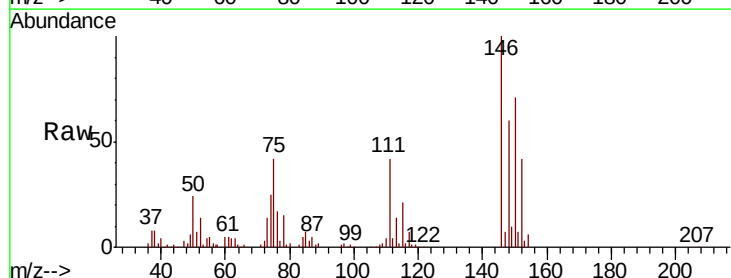
Tgt Ion:146 Resp: 98110

Ion Ratio Lower Upper

146 100

111 44.2 21.8 65.4

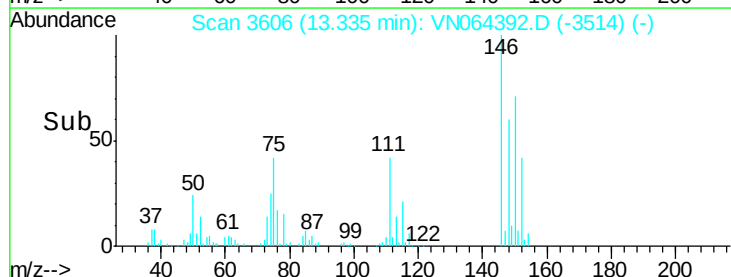
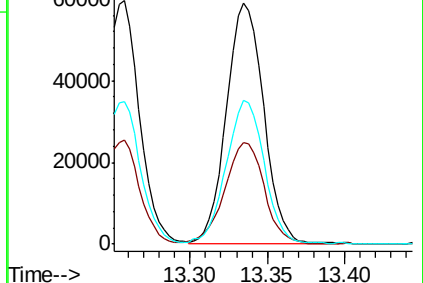
148 60.7 31.8 95.3

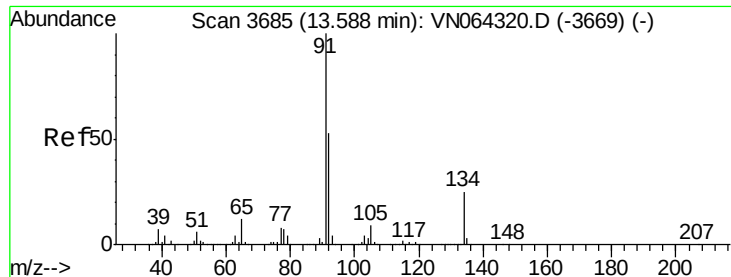


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

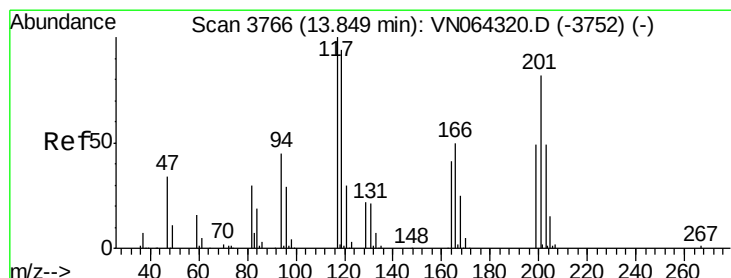
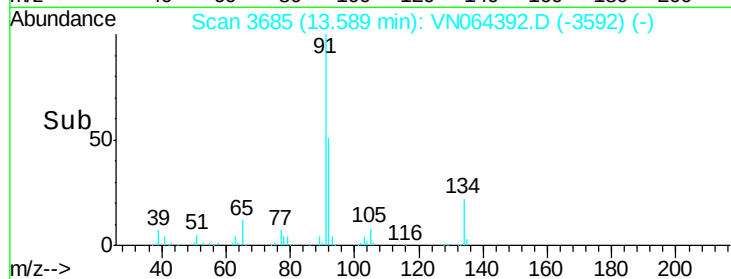
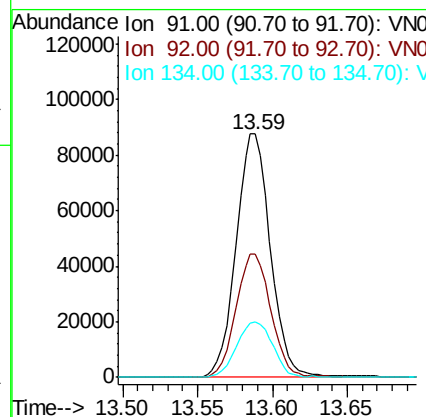
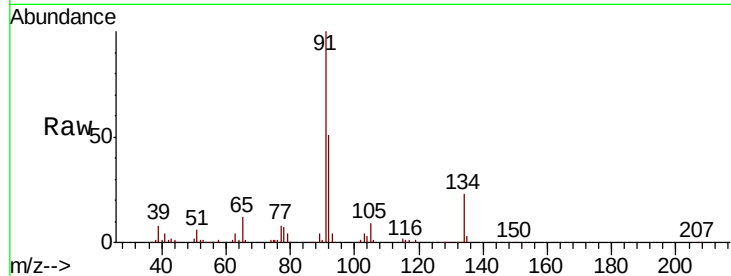




#89
n-Butylbenzene
Concen: 15.403 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

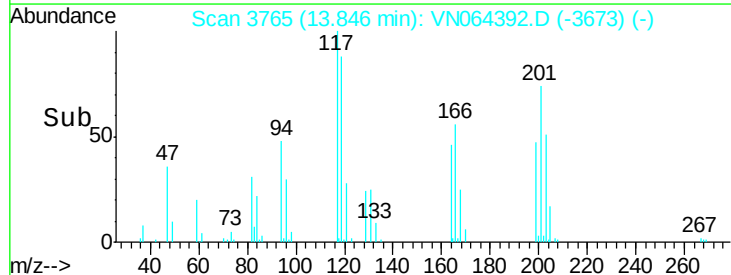
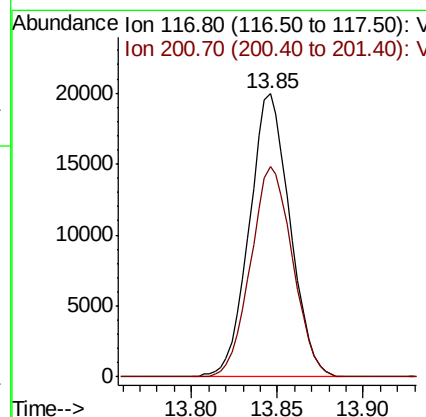
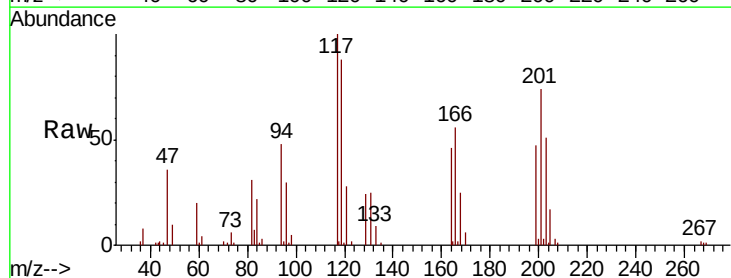
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

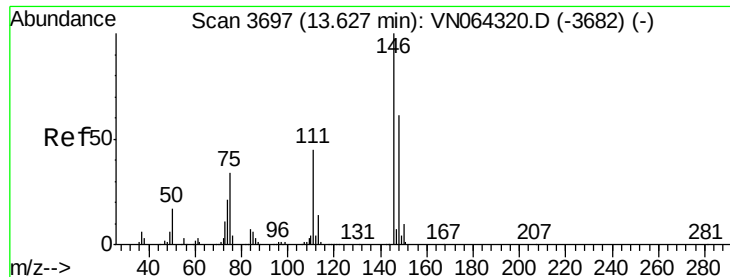
Tot Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.2	78.5
134	24.1	12.4	37.4



#90
Hexachloroethane
Concen: 16.937 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.5	39.8	119.3





#91

1,2-Dichlorobenzene

Concen: 17.685 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

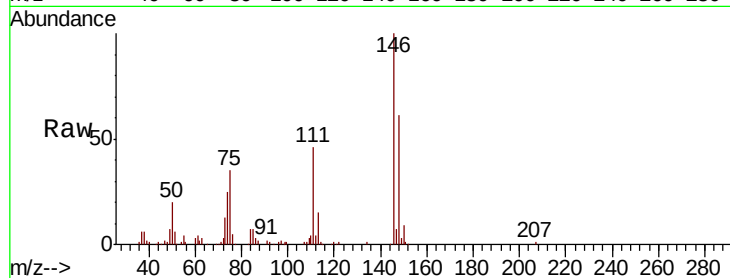
Tot Ion:146 Resp: 95834

Ion Ratio Lower Upper

146 100

111 45.3 23.0 69.0

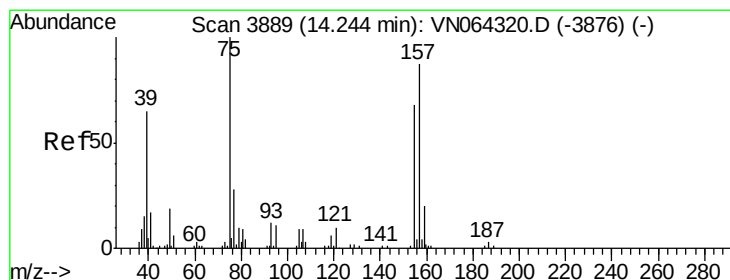
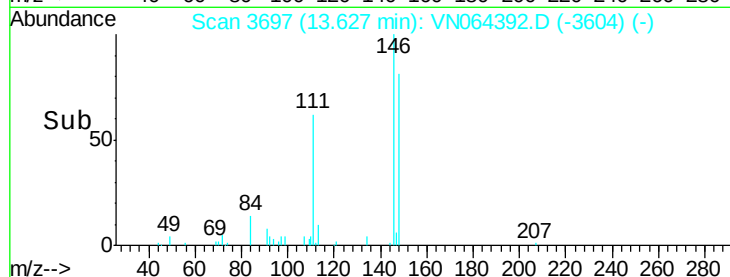
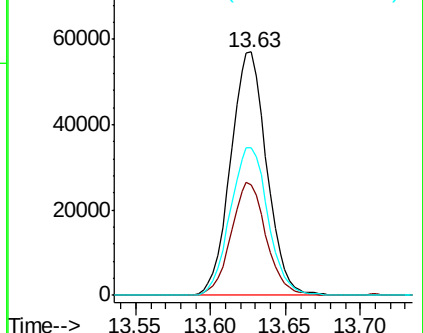
148 63.5 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.215 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

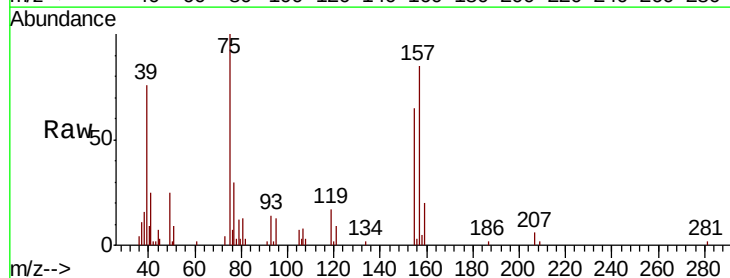
Tgt Ion: 75 Resp: 15788

Ion Ratio Lower Upper

75 100

155 67.7 35.1 105.5

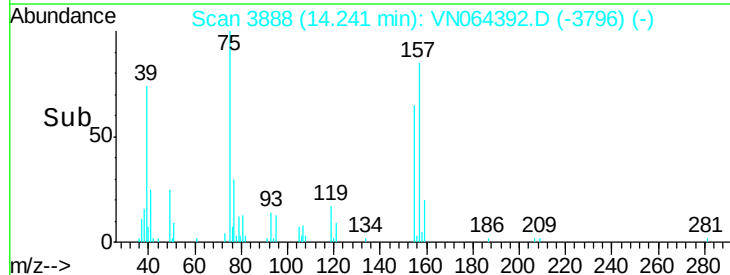
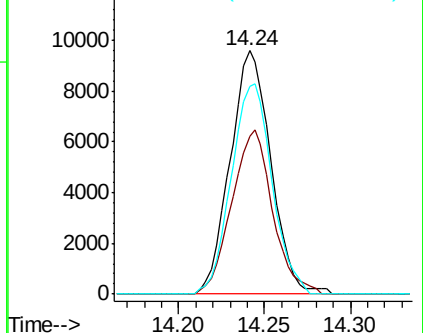
157 86.4 43.2 129.6

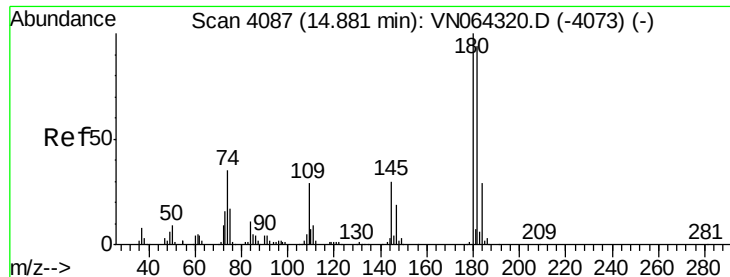


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

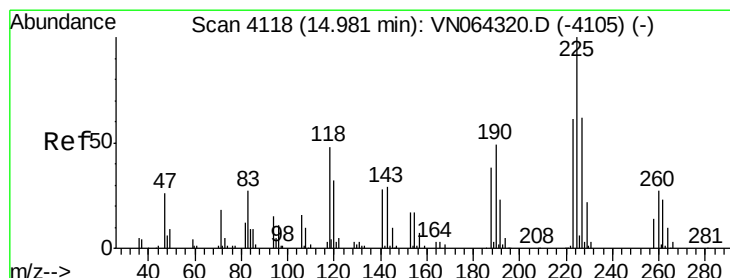
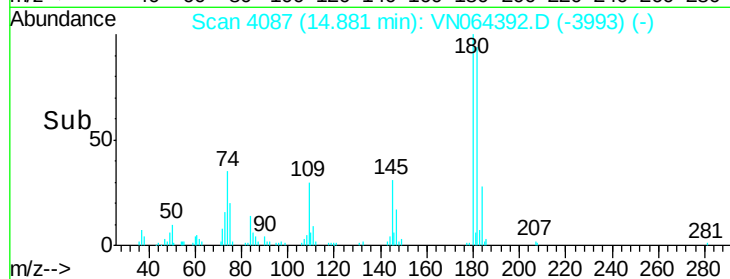
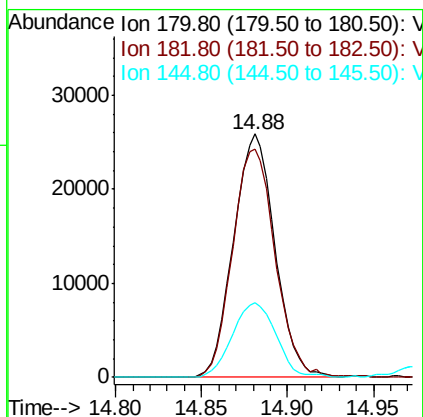
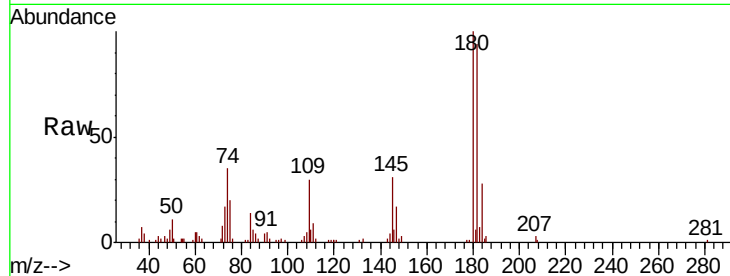




#93
 1,2,4-Trichlorobenzene
 Concen: 15.330 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

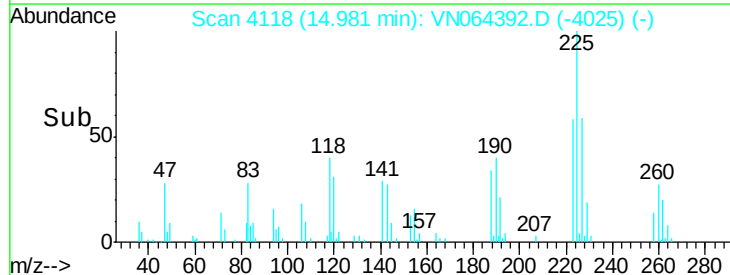
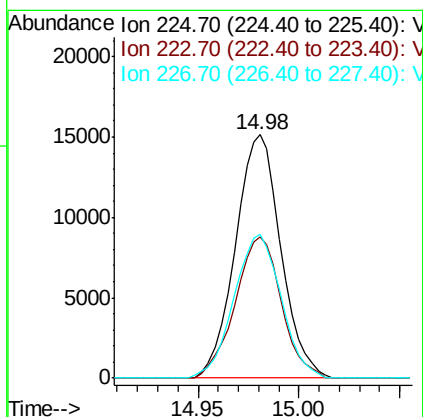
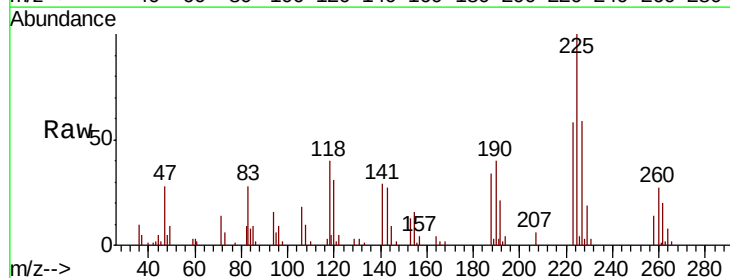
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

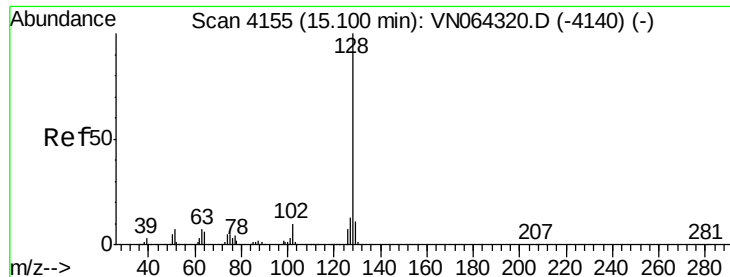
Tot Ion:180 Resp: 43203
 Ion Ratio Lower Upper
 180 100
 182 96.7 46.6 139.7
 145 32.4 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 14.344 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Tgt Ion:225 Resp: 23853
 Ion Ratio Lower Upper
 225 100
 223 58.8 31.3 93.8
 227 61.3 32.3 96.9

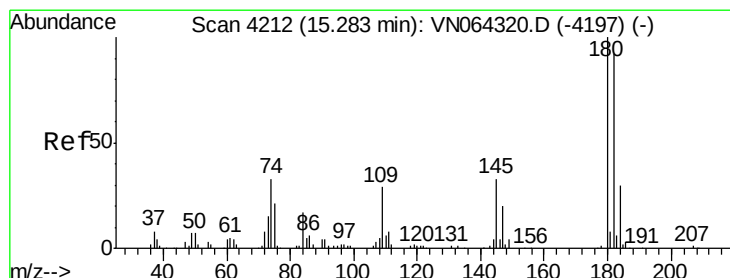
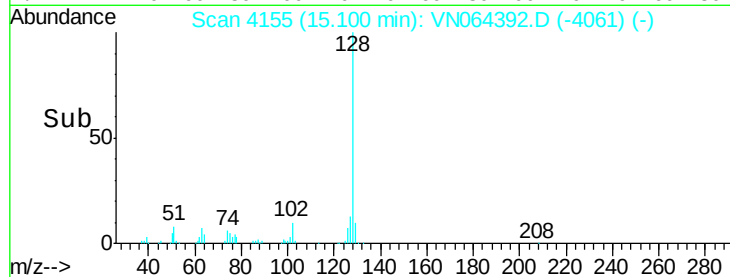
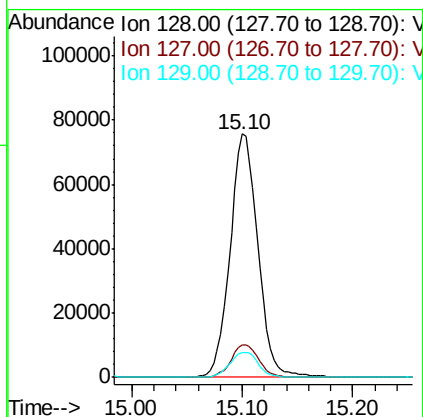
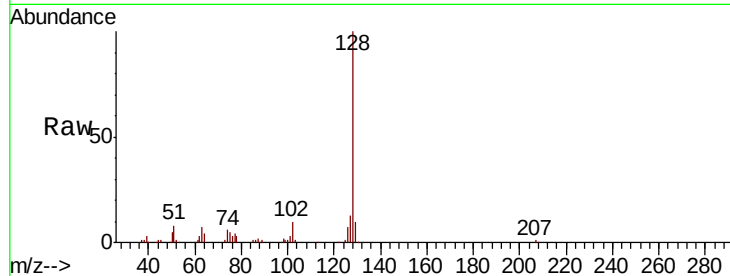




#95
Naphthalene
Concen: 15.513 ug/l
RT: 15.10 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tot Ion:128 Resp: 132252
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 15.907 ug/l
RT: 15.28 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion:180 Resp: 43084
Ion Ratio Lower Upper
180 100
182 94.1 46.1 138.3
145 32.1 16.2 48.5

